

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))
emp_churn$BusinessTravel <-as.integer(as.factor(emp_churn$BusinessTravel))
emp_churn$Department <-as.integer(as.factor(emp_churn$Department))
emp_churn$EducationField <-as.integer(as.factor(emp_churn$EducationField))
emp_churn$Gender <-as.integer(as.factor(emp_churn$Gender))
emp_churn$JobRole <-as.integer(as.factor(emp_churn$JobRole))
emp_churn$MaritalStatus <-as.integer(as.factor(emp_churn$MaritalStatus))
emp_churn$Over18 <-as.integer(as.factor(emp_churn$Over18))
emp_churn$OverTime <-as.integer(as.factor(emp_churn$OverTime))
```

```
# Factor Analysis
```

```
# Computing Correlation Matrix
```

```
cor.data <- cor(emp_churn)
```

```
## Warning in cor(emp_churn): the standard deviation is zero
```

```
cor.data
```

```
##              i..Age      Attrition BusinessTravel
## i..Age          1.000000000 -1.592050e-01  2.475143e-02
## Attrition       -0.159205007  1.000000e+00  7.377695e-05
## BusinessTravel   0.024751434  7.377695e-05  1.000000e+00
## DailyRate        0.010660943 -5.665199e-02 -4.086034e-03
## Department      -0.031882283  6.399060e-02 -9.043571e-03
## DistanceFromHome -0.001686120  7.792358e-02 -2.446944e-02
## Education         0.208033731 -3.137282e-02  7.569331e-04
## EducationField   -0.040872848  2.684555e-02  2.372383e-02
## EmployeeCount      NA              NA              NA
## 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
## JobInvolvement     0.029819959 -1.300160e-01  3.906150e-02
## JobLevel          0.509604228 -1.691048e-01  1.931128e-02
## JobRole          -0.122426677  6.715150e-02  2.724411e-03
## JobSatisfaction   -0.004891877 -1.034811e-01 -3.396215e-02
## MaritalStatus     -0.095028910  1.620702e-01  2.400051e-02
## MonthlyIncome      0.497854567 -1.598396e-01  3.431895e-02
## MonthlyRate        0.028051167  1.517021e-02 -1.410709e-02
```

## NumCompaniesWorked	0.299634758	4.349374e-02	2.087475e-02
## Over18	NA	NA	NA
## OverTime	0.028062357	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	NA	NA
## 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	1.0000000000	0.007108714	-0.004985337
## Department	0.0071087137	1.000000000	0.017224804
## DistanceFromHome	-0.0049853374	0.017224804	1.000000000
## Education	-0.0168064332	0.007996422	0.021041826
## EducationField	0.0377092287	0.013719502	0.002013453
## EmployeeCount	NA	NA	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	-0.0321816015	0.023642072	0.027472864
## NumCompaniesWorked	0.0381534343	-0.035881612	-0.029250804
## Over18	NA	NA	NA
## 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	NA
## StockOptionLevel	0.0421427964	-0.012192914	0.044871999
## 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
## i..Age	0.2080337310	-0.040872848	NA
## Attrition	-0.0313728196	0.026845546	NA

## BusinessTravel	0.0007569331	0.023723829	NA
## DailyRate	-0.0168064332	0.037709229	NA
## Department	0.0079964220	0.013719502	NA
## DistanceFromHome	0.0210418256	0.002013453	NA
## Education	1.0000000000	-0.039592150	NA
## EducationField	-0.0395921504	1.0000000000	NA
## EmployeeCount	NA	NA	1
## EmployeeNumber	0.0420700930	-0.002516478	NA
## EnvironmentSatisfaction	-0.0271283133	0.043163491	NA
## Gender	-0.0165468274	-0.002504019	NA
## HourlyRate	0.0167748289	-0.021941219	NA
## JobInvolvement	0.0424376343	-0.002655278	NA
## JobLevel	0.1015888862	-0.044932672	NA
## JobRole	0.0042357606	0.015598782	NA
## JobSatisfaction	-0.0112961167	-0.034400814	NA
## MaritalStatus	0.0040526543	0.014419541	NA
## MonthlyIncome	0.0949606770	-0.041070150	NA
## MonthlyRate	-0.0260841972	-0.027181682	NA
## NumCompaniesWorked	0.1263165602	-0.008663043	NA
## Over18	NA	NA	NA
## OverTime	-0.0203217674	0.002258600	NA
## PercentSalaryHike	-0.0111109409	-0.011213502	NA
## PerformanceRating	-0.0245387912	-0.005614213	NA
## RelationshipSatisfaction	-0.0091183767	-0.004377711	NA
## StandardHours	NA	NA	NA
## StockOptionLevel	0.0184222202	-0.016184713	NA
## TotalWorkingYears	0.1482796965	-0.027847626	NA
## TrainingTimesLastYear	-0.0251002411	0.049195353	NA
## WorkLifeBalance	0.0098191893	0.041191131	NA
## YearsAtCompany	0.0691136960	-0.018692101	NA
## YearsInCurrentRole	0.0602355541	-0.010506203	NA
## YearsSinceLastPromotion	0.0542543336	0.002325656	NA
## YearsWithCurrManager	0.0690653783	-0.004129695	NA
##	EmployeeNumber	EnvironmentSatisfaction	Gender
## i..Age	-0.010145467	0.0101464279	-0.0363105501
## Attrition	-0.010577243	-0.1033689783	0.0294532532
## BusinessTravel	-0.015577823	0.0041744049	-0.0329809563
## DailyRate	-0.050990434	0.0183548543	-0.0117161379
## Department	-0.010895001	-0.0193952706	-0.0415832902
## DistanceFromHome	0.032916407	-0.0160753270	-0.0018505280
## Education	0.042070093	-0.0271283133	-0.0165468274
## EducationField	-0.002516478	0.0431634907	-0.0025040188
## EmployeeCount	NA	NA	NA
## EmployeeNumber	1.0000000000	0.0176208025	0.0225560514
## EnvironmentSatisfaction	0.017620802	1.0000000000	0.0005083139
## Gender	0.022556051	0.0005083139	1.0000000000
## 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	NA	NA	NA
## OverTime	-0.024037287	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	NA	NA	NA
## 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	-0.011240464	0.0014575492	-0.0297470859
## 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
## BusinessTravel	0.0265281862	0.039061501	0.0193112821
## DailyRate	0.0233814215	0.046134874	0.0029663349
## Department	-0.0041437079	-0.024586062	0.1019631058
## DistanceFromHome	0.0311305856	0.008783280	0.0053027306
## Education	0.0167748289	0.042437634	0.1015888862
## EducationField	-0.0219412191	-0.002655278	-0.0449326718
## EmployeeCount	NA	NA	NA
## EmployeeNumber	0.0351792124	-0.006887923	-0.0185191940
## EnvironmentSatisfaction	-0.0498569562	-0.008277598	0.0012116994
## Gender	-0.0004782971	0.017959755	-0.0394031027
## HourlyRate	1.0000000000	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
## MaritalStatus	-0.0178605059	-0.038497019	-0.0767694781
## MonthlyIncome	-0.0157943044	-0.015271491	0.9502999135
## MonthlyRate	-0.0152967496	-0.016322079	0.0395629510
## NumCompaniesWorked	0.0221568834	0.015012413	0.1425011238
## Over18	NA	NA	NA
## OverTime	-0.0077819744	-0.003506711	0.0005440478
## PercentSalaryHike	-0.0090619863	-0.017204572	-0.0347304923
## PerformanceRating	-0.0021716974	-0.029071333	-0.0212220821
## RelationshipSatisfaction	0.0013304528	0.034296821	0.0216415105
## StandardHours	NA	NA	NA
## StockOptionLevel	0.0502633991	0.021522640	0.0139839105
## TotalWorkingYears	-0.0023336818	-0.005533182	0.7822078045
## TrainingTimesLastYear	-0.0085476852	-0.015337826	-0.0181905502
## 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
## YearsWithCurrManager	-0.0201232002	0.025975808	0.3752806078
##	JobRole	JobSatisfaction	MaritalStatus
## i..Age	-0.1224266770	-0.0048918771	-0.095028910
## Attrition	0.0671514950	-0.1034811261	0.162070235

## BusinessTravel	0.0027244109	-0.0339621513	0.024000511
## DailyRate	-0.0094722010	0.0305710078	-0.069585641
## Department	0.6624311978	0.0210008789	0.056073435
## DistanceFromHome	-0.0010149627	-0.0036688392	-0.014437031
## Education	0.0042357606	-0.0112961167	0.004052654
## EducationField	0.0155987817	-0.0344008137	0.014419541
## EmployeeCount	NA	NA	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
## JobRole	1.0000000000	0.0175367910	0.067956618
## JobSatisfaction	0.0175367910	1.0000000000	0.024359953
## MaritalStatus	0.0679566176	0.0243599530	1.000000000
## MonthlyIncome	-0.0939511024	-0.0071567424	-0.075449582
## MonthlyRate	0.0052904311	0.0006439169	0.023937427
## NumCompaniesWorked	-0.0563675084	-0.0556994260	-0.035505389
## Over18	NA	NA	NA
## OverTime	0.0406623662	0.0245394811	-0.017521382
## PercentSalaryHike	-0.0008476254	0.0200020394	0.012492329
## PerformanceRating	-0.0242333242	0.0022971971	0.005206626
## RelationshipSatisfaction	-0.0202176542	-0.0124535932	0.022549071
## StandardHours	NA	NA	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
## i..Age	0.497854567	0.0280511671	0.299634758
## Attrition	-0.159839582	0.0151702125	0.043493739
## BusinessTravel	0.034318946	-0.0141070884	0.020874752
## DailyRate	0.007707059	-0.0321816015	0.038153434
## Department	0.053129698	0.0236420721	-0.035881612
## DistanceFromHome	-0.017014445	0.0274728635	-0.029250804
## Education	0.094960677	-0.0260841972	0.126316560
## EducationField	-0.041070150	-0.0271816823	-0.008663043
## EmployeeCount	NA	NA	NA
## EmployeeNumber	-0.014828516	0.0126482292	-0.001251032
## EnvironmentSatisfaction	-0.006259088	0.0375996229	0.012594323
## Gender	-0.031858492	-0.0414822051	-0.039147450
## HourlyRate	-0.015794304	-0.0152967496	0.022156883
## JobInvolvement	-0.015271491	-0.0163220791	0.015012413
## JobLevel	0.950299913	0.0395629510	0.142501124
## JobRole	-0.093951102	0.0052904311	-0.056367508
## JobSatisfaction	-0.007156742	0.0006439169	-0.055699426
## MaritalStatus	-0.075449582	0.0239374266	-0.035505389
## MonthlyIncome	1.000000000	0.0348136261	0.149515216
## MonthlyRate	0.034813626	1.000000000	0.017521353
##			Over18
## i..Age			NA
## Attrition			NA
## BusinessTravel			NA
## DailyRate			NA
## Department			NA
## DistanceFromHome			NA
## Education			NA
## EducationField			NA
## EmployeeCount			NA
## EmployeeNumber			NA
## EnvironmentSatisfaction			NA
## Gender			NA
## HourlyRate			NA
## JobInvolvement			NA
## JobLevel			NA
## JobRole			NA
## JobSatisfaction			NA
## MaritalStatus			NA
## MonthlyIncome			NA
## MonthlyRate			NA

## NumCompaniesWorked	0.149515216	0.0175213534	1.000000000	NA
## Over18	NA	NA	NA	1
## OverTime	0.006089285	0.0214311446	-0.020785821	NA
## PercentSalaryHike	-0.027268586	-0.0064293459	-0.010238309	NA
## PerformanceRating	-0.017120138	-0.0098114285	-0.014094873	NA
## RelationshipSatisfaction	0.025873436	-0.0040853293	0.052733049	NA
## StandardHours	NA	NA	NA	NA
## StockOptionLevel	0.005407677	-0.0343228302	0.030075475	NA
## TotalWorkingYears	0.772893246	0.0264424712	0.237638590	NA
## TrainingTimesLastYear	-0.021736277	0.0014668806	-0.066054072	NA
## WorkLifeBalance	0.030683082	0.0079631575	-0.008365685	NA
## YearsAtCompany	0.514284826	-0.0236551067	-0.118421340	NA
## YearsInCurrentRole	0.363817667	-0.0128148744	-0.090753934	NA
## YearsSinceLastPromotion	0.344977638	0.0015667995	-0.036813892	NA
## YearsWithCurrManager	0.344078883	-0.0367459053	-0.110319155	NA
##	OverTime	PercentSalaryHike	PerformanceRating	
## i..Age	0.0280623571	0.0036335849	0.0019038955	
## 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	0.0022585999	-0.0112135020	-0.0056142134	
## EmployeeCount	NA	NA	NA	
## 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	
## MaritalStatus	-0.0175213816	0.0124923288	0.0052066260	
## MonthlyIncome	0.0060892854	-0.0272685864	-0.0171201382	
## MonthlyRate	0.0214311446	-0.0064293459	-0.0098114285	
## NumCompaniesWorked	-0.0207858214	-0.0102383094	-0.0140948728	
## Over18	NA	NA	NA	
## OverTime	1.0000000000	-0.0054328267	0.0043691201	
## PercentSalaryHike	-0.0054328267	1.0000000000	0.7735499964	
## PerformanceRating	0.0043691201	0.7735499964	1.0000000000	
## RelationshipSatisfaction	0.0484928029	-0.0404900811	-0.0313514554	
## StandardHours	NA	NA	NA	
## StockOptionLevel	-0.0004486707	0.0075277478	0.0035064716	
## 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		
## i..Age	0.0535347197	NA		
## Attrition	-0.0458722789	NA		

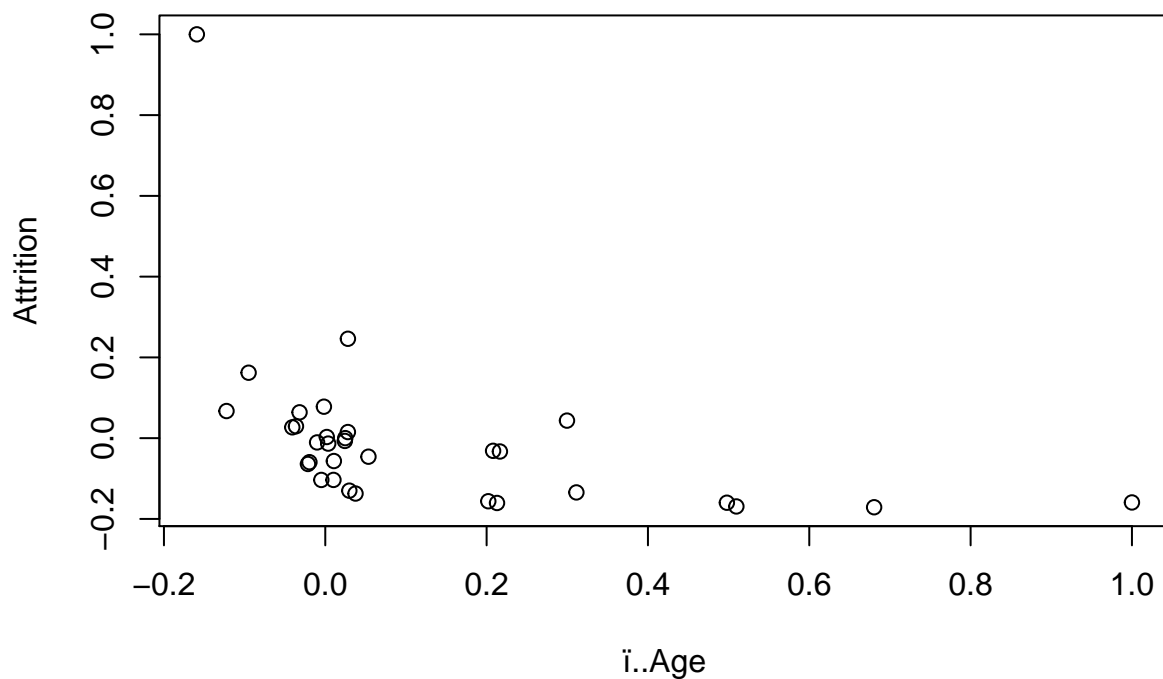
## BusinessTravel	-0.0359856926	NA
## DailyRate	0.0078460310	NA
## Department	-0.0224144254	NA
## DistanceFromHome	0.0065574746	NA
## Education	-0.0091183767	NA
## EducationField	-0.0043777110	NA
## EmployeeCount	NA	NA
## EmployeeNumber	-0.0698614115	NA
## EnvironmentSatisfaction	0.0076653835	NA
## Gender	0.0228683700	NA
## HourlyRate	0.0013304528	NA
## JobInvolvement	0.0342968206	NA
## JobLevel	0.0216415105	NA
## JobRole	-0.0202176542	NA
## JobSatisfaction	-0.0124535932	NA
## MaritalStatus	0.0225490707	NA
## MonthlyIncome	0.0258734361	NA
## MonthlyRate	-0.0040853293	NA
## NumCompaniesWorked	0.0527330486	NA
## Over18	NA	NA
## OverTime	0.0484928029	NA
## PercentSalaryHike	-0.0404900811	NA
## PerformanceRating	-0.0313514554	NA
## RelationshipSatisfaction	1.0000000000	NA
## StandardHours	NA	1
## StockOptionLevel	-0.0459524907	NA
## TotalWorkingYears	0.0240542918	NA
## TrainingTimesLastYear	0.0024965264	NA
## WorkLifeBalance	0.0196044057	NA
## YearsAtCompany	0.0193667869	NA
## YearsInCurrentRole	-0.0151229149	NA
## YearsSinceLastPromotion	0.0334925021	NA
## YearsWithCurrManager	-0.0008674968	NA
##	StockOptionLevel	TotalWorkingYears
## i..Age	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	NA	NA	
## OverTime	-0.0004486707	0.012754266	
## PercentSalaryHike	0.0075277478	-0.020608488	
## PerformanceRating	0.0035064716	0.006743668	
## RelationshipSatisfaction	-0.0459524907	0.024054292	
## StandardHours	NA	NA	
## StockOptionLevel	1.0000000000	0.010135969	
## TotalWorkingYears	0.0101359693	1.000000000	
## TrainingTimesLastYear	0.0112740696	-0.035661571	
## WorkLifeBalance	0.0041287300	0.001007646	
## YearsAtCompany	0.0150580080	0.628133155	
## YearsInCurrentRole	0.0508178728	0.460364638	
## YearsSinceLastPromotion	0.0143521849	0.404857759	
## YearsWithCurrManager	0.0246982266	0.459188397	
##	TrainingTimesLastYear	WorkLifeBalance	YearsAtCompany
## i..Age	-0.019620819	-0.021490028	0.311308770
## 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	-0.025100241	0.009819189	0.069113696
## EducationField	0.049195353	0.041191131	-0.018692101
## EmployeeCount	NA	NA	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	NA	NA	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	NA
## StockOptionLevel	0.011274070	0.004128730	0.015058008
## TotalWorkingYears	-0.035661571	0.001007646	0.628133155
## TrainingTimesLastYear	1.000000000	0.028072207	0.003568666
## WorkLifeBalance	0.028072207	1.000000000	0.012089185
## YearsAtCompany	0.003568666	0.012089185	1.000000000
## YearsInCurrentRole	-0.005737504	0.049856498	0.758753737
## YearsSinceLastPromotion	-0.002066536	0.008941249	0.618408865
## YearsWithCurrManager	-0.004095526	0.002759440	0.769212425
##	YearsInCurrentRole	YearsSinceLastPromotion	
## i..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
## RelationshipSatisfaction	-0.015122915	0.033492502
## StandardHours	NA	NA
## StockOptionLevel	0.050817873	0.014352185
## TotalWorkingYears	0.460364638	0.404857759
## TrainingTimesLastYear	-0.005737504	-0.002066536
## WorkLifeBalance	0.049856498	0.008941249
## YearsAtCompany	0.758753737	0.618408865
## YearsInCurrentRole	1.000000000	0.548056248
## YearsSinceLastPromotion	0.548056248	1.000000000
## YearsWithCurrManager	0.714364762	0.510223636
##	YearsWithCurrManager	
## i..Age	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	

```
## NumCompaniesWorked      -0.1103191554
## Over18                  NA
## OverTime                -0.0415859987
## 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    1.0000000000
```

```
plot(cor.data)
```



```
emp_pca <- prcomp(emp_churn[, which(apply(emp_churn, 2, var) != 0)], scale.=TRUE)
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 x 32):
##
##          PC1          PC2          PC3          PC4
## i..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
## EmployeeNumber 0.0073996296  0.03236600  0.008820132 -0.072348196
## 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 0.0063335636 -0.02578727  0.031124601 -0.019235575
## 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 -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
## 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          PC8
## i..Age      -0.0949872076  0.019460202 -0.021170816 -0.029395233
## Attrition    0.0398252327 -0.562644140 -0.056986335  0.041906049
## BusinessTravel -0.0008369589  0.048109040 -0.107046510 -0.049439133
## DailyRate    -0.0926389243  0.093919786  0.234345939 -0.331681437
## 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  0.048175780  0.068076843  0.117244693
## 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 -0.0287700246  0.181012227 -0.108821681 -0.479926771
## JobLevel      -0.1139178351  0.041212181  0.074257668  0.100182859
## JobRole        -0.5523060979  0.061392430 -0.010787925 -0.068212811
## JobSatisfaction -0.0305186113  0.173804009  0.393740217 -0.075911489

```

## MaritalStatus	0.3092362441	0.174419279	-0.086487867	-0.061673797
## MonthlyIncome	-0.0956631652	0.038643066	0.074249401	0.098984203
## 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
## PercentSalaryHike	-0.1246460690	0.050321166	-0.001410505	-0.001058593
## PerformanceRating	-0.0966936243	0.022018769	-0.001705063	0.009164059
## 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	-0.0312430115	0.214026237	-0.023171104	0.281934612
## YearsAtCompany	0.1133817685	-0.065715209	-0.012376206	-0.031511252
## YearsInCurrentRole	0.0761967400	-0.033222281	-0.028032331	-0.058667194
## YearsSinceLastPromotion	0.0968131493	-0.123125769	-0.016026205	-0.015874801
## YearsWithCurrManager	0.1151213032	-0.033914403	-0.066303968	-0.094327650
##	PC9	PC10	PC11	PC12
## i..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	0.023566211	0.011904492	-0.0353475590	-0.0007595333
## DistanceFromHome	0.084297097	0.210882314	0.1529079574	-0.2014371920
## Education	0.145937447	0.220334584	0.0383766952	0.2960086741
## EducationField	-0.511442816	0.018958785	-0.2722466931	0.2328414184
## 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	0.011732615	0.060427936	-0.0089933597	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	-0.030383879	0.034672127	0.0026192936	0.0152712038
## PerformanceRating	-0.054812638	0.032796600	-0.0115493961	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	-0.132214896	0.349199161	-0.3063154751	-0.0402246676
## 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
## i..Age	0.046042528	0.050348387	-0.049688834	-0.0532602212
## 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

## Department	0.012626622	-0.060585561	0.054879501	-0.0572759890
## 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	0.040089762	-0.103927718	0.099750989	-0.1235679599
## NumCompaniesWorked	0.062400317	0.212716009	0.141047871	-0.0650108641
## OverTime	-0.148945656	0.028121772	-0.189661820	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	-0.058114543	0.075081663	-0.060976600	-0.0141079547
## TotalWorkingYears	0.027388010	-0.056992171	-0.004494832	-0.0004876817
## TrainingTimesLastYear	0.235591614	0.083137173	-0.282034260	-0.2993324075
## WorkLifeBalance	-0.256613262	-0.018935573	-0.201157207	0.6157086648
## YearsAtCompany	-0.012365447	0.020368542	0.008021149	-0.0062796972
## 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
## i..Age	-0.061520458	-0.0012482070	-0.07707899	0.050299317
## Attrition	0.014118431	0.1612279880	-0.04274683	-0.128057129
## BusinessTravel	0.063597666	-0.2414656821	-0.20488229	-0.237817641
## DailyRate	-0.062074497	0.1770607441	0.04530541	-0.487345296
## 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	0.023270017	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	-0.232218821	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	0.137970955	-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	-0.024294533	0.0018958798	-0.01374997	0.011622309
## RelationshipSatisfaction	-0.218355762	-0.2148010428	-0.02715567	0.007985655
## StockOptionLevel	0.015981326	-0.0139232629	-0.04713257	0.022131471

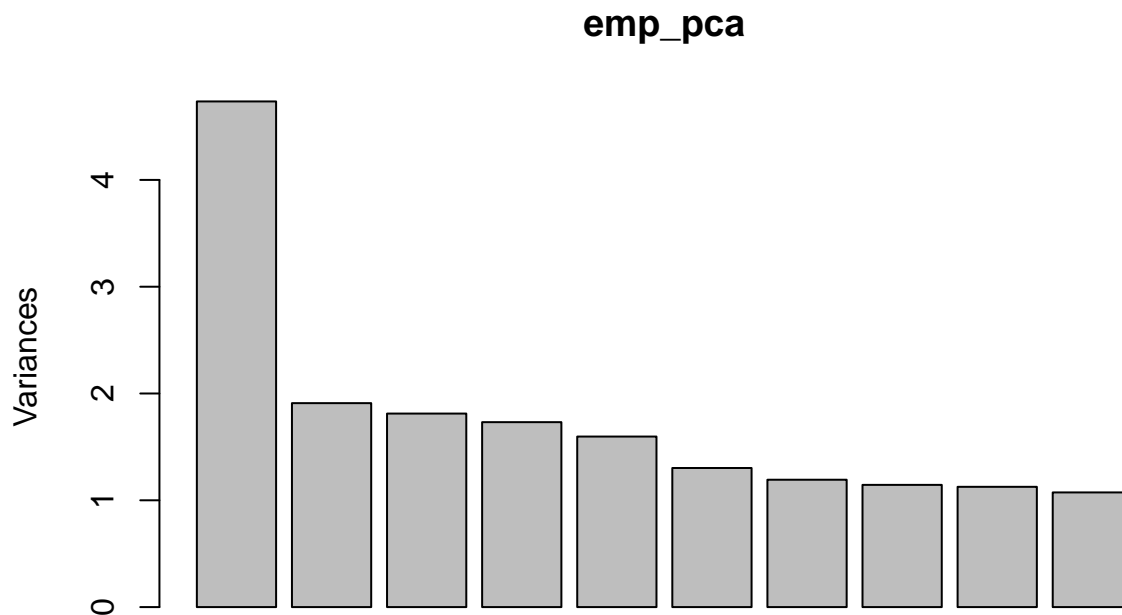
## TotalWorkingYears	-0.010516775	0.0022359306	0.02727865	0.027610436
## TrainingTimesLastYear	-0.405888548	0.1163806168	-0.13031494	-0.263666506
## WorkLifeBalance	0.062985220	0.2098812174	0.09337942	-0.247947572
## YearsAtCompany	-0.022108465	0.0077801529	-0.03889449	-0.006450595
## YearsInCurrentRole	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
##	PC21	PC22	PC23	PC24
## i..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
## DailyRate	-0.2337813082	-0.0651573879	0.029020180	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	-0.0239084676	0.0119205179	-0.118045593	0.046037044
## 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	-0.1318238858	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
## TotalWorkingYears	0.0263654998	-0.0009871573	-0.075014140	0.064408156
## TrainingTimesLastYear	0.3175583569	0.1999239815	-0.018462638	-0.061633811
## 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
## i..Age	-0.3771954985	-0.060460030	0.0419731776	0.039326263
## Attrition	-0.4459008967	0.037359620	-0.0421282163	0.019603495
## BusinessTravel	0.0120808398	0.007614621	0.0185421073	-0.017602703
## DailyRate	-0.0161919075	-0.016870941	-0.0289247015	-0.036585944
## Department	-0.0135919675	-0.183840648	0.6636483039	-0.071879653
## 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
## 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	-0.0032136187	0.225962367	-0.6582684572	0.046230026
## JobSatisfaction	-0.0882657004	0.055425577	-0.0009585135	-0.023317674
## MaritalStatus	0.0427369788	-0.673383104	-0.2026682158	0.035561455
## MonthlyIncome	0.1279291118	0.014157813	-0.0997889437	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	0.0000410718	0.037400959	0.0213004223	-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	0.0141578796	0.031428985	-0.0325388641	0.004569058
## WorkLifeBalance	-0.0570100099	0.016223815	0.0054898183	-0.051860227
## 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
## i..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
## DailyRate	-0.018796127	-0.0008178897	0.0220086073	0.0040412746
## Department	-0.016091406	0.0851678195	-0.0272120112	-0.0640107694
## DistanceFromHome	-0.012562471	-0.0021741659	0.0122194407	-0.0154314006
## Education	-0.014608356	0.0153241082	-0.0040241375	-0.0019836227
## 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
## HourlyRate	0.011438791	-0.0100413489	-0.0048715500	0.0101050482
## JobInvolvement	-0.011761366	0.0286160736	0.0053266741	-0.0025145793
## 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	0.0249510530	0.1140737575	0.0033791410
## OverTime	0.003554601	-0.0007879052	0.0055559710	0.0017713734
## PercentSalaryHike	0.692213074	0.1332898805	-0.0358850913	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	-0.138742785	0.5093506210	-0.6794315422	-0.0098628810
## TrainingTimesLastYear	-0.008949345	-0.0062798627	-0.0137765538	-0.0003836094
## WorkLifeBalance	0.003633652	0.0108601541	-0.0007265140	-0.0053738876
## YearsAtCompany	-0.056230088	0.5896424085	0.6170111109	0.0053180444
## YearsInCurrentRole	0.041361626	-0.1999692542	-0.1495894024	-0.0061315187
## YearsSinceLastPromotion	0.028094913	-0.0853934665	-0.0830551251	0.0092241429
## YearsWithCurrManager	0.067160160	-0.3896860742	-0.1572100596	-0.0251400627

```
summary(emp_pca)
```

```
## Importance of components:
##          PC1      PC2      PC3      PC4      PC5      PC6      PC7
## Standard deviation  2.176 1.38189 1.34613 1.31589 1.2636 1.1412 1.09204
## 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     PC11     PC12     PC13     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
##          PC15     PC16     PC17     PC18     PC19     PC20     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     PC28
## Standard deviation  0.87844 0.7798 0.72047 0.70003 0.57039 0.56378 0.52782
## 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
```

```
plot(emp_pca)
```




```
(eigen_data <- round(emp_pca$sdev^2,2))
```

```
## [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="")
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
## <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA>
## 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)
sumlambdas
```

```
## [1] 32
```

```
propvar <- round(eigen_data/sumlambdas,2)
propvar
```

```
## PC1 PC2 PC3 PC4 PC5 PC6 PC7 PC8 PC9 PC10 PC11 PC12 <NA> <NA> <NA> <NA>
## 0.15 0.06 0.06 0.05 0.05 0.04 0.04 0.04 0.04 0.03 0.03 0.03 0.03 0.03 0.03 0.03
## <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA>
## 0.03 0.03 0.03 0.03 0.03 0.02 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.00 0.00
```

```
cumvar_data <- cumsum(propvar)
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
## <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA>
## 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)
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
## propvar    0.15 0.06 0.06 0.05 0.05 0.04 0.04 0.04 0.04 0.03 0.03 0.03 0.03
## 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
##          <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA> <NA>
## 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    0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.02 0.02 0.02 0.02 0.01
## 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
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 x 32):
```

	PC1	PC2	PC3	PC4
## i..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
## EmployeeNumber	0.0073996296	0.03236600	0.008820132	-0.072348196
## 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	0.0063335636	-0.02578727	0.031124601	-0.019235575
## 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	-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
## 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	PC8
## i..Age	-0.0949872076	0.019460202	-0.021170816	-0.029395233
## Attrition	0.0398252327	-0.562644140	-0.056986335	0.041906049
## BusinessTravel	-0.0008369589	0.048109040	-0.107046510	-0.049439133

## DailyRate	-0.0926389243	0.093919786	0.234345939	-0.331681437
## 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	0.048175780	0.068076843	0.117244693
## 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	-0.0287700246	0.181012227	-0.108821681	-0.479926771
## JobLevel	-0.1139178351	0.041212181	0.074257668	0.100182859
## JobRole	-0.5523060979	0.061392430	-0.010787925	-0.068212811
## JobSatisfaction	-0.0305186113	0.173804009	0.393740217	-0.075911489
## MaritalStatus	0.3092362441	0.174419279	-0.086487867	-0.061673797
## MonthlyIncome	-0.0956631652	0.038643066	0.074249401	0.098984203
## 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
## PercentSalaryHike	-0.1246460690	0.050321166	-0.001410505	-0.001058593
## PerformanceRating	-0.0966936243	0.022018769	-0.001705063	0.009164059
## 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	-0.0312430115	0.214026237	-0.023171104	0.281934612
## YearsAtCompany	0.1133817685	-0.065715209	-0.012376206	-0.031511252
## YearsInCurrentRole	0.0761967400	-0.033222281	-0.028032331	-0.058667194
## YearsSinceLastPromotion	0.0968131493	-0.123125769	-0.016026205	-0.015874801
## YearsWithCurrManager	0.1151213032	-0.033914403	-0.066303968	-0.094327650
##	PC9	PC10	PC11	PC12
## i..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	0.023566211	0.011904492	-0.0353475590	-0.0007595333
## DistanceFromHome	0.084297097	0.210882314	0.1529079574	-0.2014371920
## Education	0.145937447	0.220334584	0.0383766952	0.2960086741
## EducationField	-0.511442816	0.018958785	-0.2722466931	0.2328414184
## 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	0.011732615	0.060427936	-0.0089933597	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	-0.030383879	0.034672127	0.0026192936	0.0152712038
## PerformanceRating	-0.054812638	0.032796600	-0.0115493961	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	-0.132214896	0.349199161	-0.3063154751	-0.0402246676
## 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
## i..Age	0.046042528	0.050348387	-0.049688834	-0.0532602212
## 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
## Department	0.012626622	-0.060585561	0.054879501	-0.0572759890
## 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	0.040089762	-0.103927718	0.099750989	-0.1235679599
## NumCompaniesWorked	0.062400317	0.212716009	0.141047871	-0.0650108641
## OverTime	-0.148945656	0.028121772	-0.189661820	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	-0.058114543	0.075081663	-0.060976600	-0.0141079547
## TotalWorkingYears	0.027388010	-0.056992171	-0.004494832	-0.0004876817
## TrainingTimesLastYear	0.235591614	0.083137173	-0.282034260	-0.2993324075
## WorkLifeBalance	-0.256613262	-0.018935573	-0.201157207	0.6157086648
## YearsAtCompany	-0.012365447	0.020368542	0.008021149	-0.0062796972
## 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
## i..Age	-0.061520458	-0.0012482070	-0.07707899	0.050299317
## Attrition	0.014118431	0.1612279880	-0.04274683	-0.128057129
## BusinessTravel	0.063597666	-0.2414656821	-0.20488229	-0.237817641
## DailyRate	-0.062074497	0.1770607441	0.04530541	-0.487345296
## 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	0.023270017	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	-0.232218821	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	0.137970955	-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	-0.024294533	0.0018958798	-0.01374997	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
## TrainingTimesLastYear	-0.405888548	0.1163806168	-0.13031494	-0.263666506
## WorkLifeBalance	0.062985220	0.2098812174	0.09337942	-0.247947572
## YearsAtCompany	-0.022108465	0.0077801529	-0.03889449	-0.006450595
## 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
##	PC21	PC22	PC23	PC24
## i..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
## DailyRate	-0.2337813082	-0.0651573879	0.029020180	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	-0.0239084676	0.0119205179	-0.118045593	0.046037044
## 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	-0.1318238858	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
## TotalWorkingYears	0.0263654998	-0.0009871573	-0.075014140	0.064408156
## TrainingTimesLastYear	0.3175583569	0.1999239815	-0.018462638	-0.061633811
## 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

## i..Age	-0.3771954985	-0.060460030	0.0419731776	0.039326263
## Attrition	-0.4459008967	0.037359620	-0.0421282163	0.019603495
## BusinessTravel	0.0120808398	0.007614621	0.0185421073	-0.017602703
## DailyRate	-0.0161919075	-0.016870941	-0.0289247015	-0.036585944
## Department	-0.0135919675	-0.183840648	0.6636483039	-0.071879653
## 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
## 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	-0.0032136187	0.225962367	-0.6582684572	0.046230026
## JobSatisfaction	-0.0882657004	0.055425577	-0.0009585135	-0.023317674
## MaritalStatus	0.0427369788	-0.673383104	-0.2026682158	0.035561455
## MonthlyIncome	0.1279291118	0.014157813	-0.0997889437	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	0.0000410718	0.037400959	0.0213004223	-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	0.0141578796	0.031428985	-0.0325388641	0.004569058
## WorkLifeBalance	-0.0570100099	0.016223815	0.0054898183	-0.051860227
## 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
## i..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
## DailyRate	-0.018796127	-0.0008178897	0.0220086073	0.0040412746
## Department	-0.016091406	0.0851678195	-0.0272120112	-0.0640107694
## DistanceFromHome	-0.012562471	-0.0021741659	0.0122194407	-0.0154314006
## Education	-0.014608356	0.0153241082	-0.0040241375	-0.0019836227
## 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
## HourlyRate	0.011438791	-0.0100413489	-0.0048715500	0.0101050482
## JobInvolvement	-0.011761366	0.0286160736	0.0053266741	-0.0025145793
## 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	0.0249510530	0.1140737575	0.0033791410
## OverTime	0.003554601	-0.0007879052	0.0055559710	0.0017713734

```
## PercentSalaryHike      0.692213074  0.1332898805 -0.0358850913  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     -0.138742785  0.5093506210 -0.6794315422 -0.0098628810
## TrainingTimesLastYear -0.008949345 -0.0062798627 -0.0137765538 -0.0003836094
## WorkLifeBalance       0.003633652  0.0108601541 -0.0007265140 -0.0053738876
## YearsAtCompany        -0.056230088  0.5896424085  0.6170111109  0.0053180444
## YearsInCurrentRole     0.041361626 -0.1999692542 -0.1495894024 -0.0061315187
## YearsSinceLastPromotion 0.028094913 -0.0853934665 -0.0830551251  0.0092241429
## YearsWithCurrManager   0.067160160 -0.3896860742 -0.1572100596 -0.0251400627
```

```
pcafactores.data <- eigvec.data[,1:5]
pcafactores.data
```

```
##          PC1          PC2          PC3          PC4
## i..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
## EmployeeNumber 0.0073996296  0.03236600  0.008820132 -0.072348196
## 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 0.0063335636 -0.02578727  0.031124601 -0.019235575
## 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 -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
## 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
## i..Age    -0.0949872076
## 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
## YearsInCurrentRole     0.0761967400
## 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
## i..Age	-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	-0.135900644	0.12265366
## EducationField	0.0260718532	-0.11667188	-0.021175880	-0.03991833
## EmployeeNumber	0.0161011922	0.04472627	0.011873052	-0.09520224
## 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
## 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   -0.4586472061 -0.35520153  0.133088655 -0.39777788
## YearsSinceLastPromotion -0.3910559442 -0.29010444  0.096864182 -0.14040521
## YearsWithCurrManager -0.4289511853 -0.58614080  0.127444685 -0.24337554
##                               PC5
## i..Age               -0.206687007
## 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
## MonthlyIncome        -0.132196048
## 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)
communalities.data
```

```
##           i..Age           Attrition           BusinessTravel
##           0.646555673         0.302588211         0.033234114
```

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

#Performing the varimax rotation

```
rot.fact.data <- varimax(unrot.fact.data)
unrot.fact.data
```

##	PC1	PC2	PC3	PC4
## i..Age	-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	-0.135900644	0.12265366
## EducationField	0.0260718532	-0.11667188	-0.021175880	-0.03991833
## EmployeeNumber	0.0161011922	0.04472627	0.011873052	-0.09520224
## 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
## 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	-0.4586472061	-0.35520153	0.133088655	-0.39777788
## YearsSinceLastPromotion	-0.3910559442	-0.29010444	0.096864182	-0.14040521
## YearsWithCurrManager	-0.4289511853	-0.58614080	0.127444685	-0.24337554
##	PC5			
## i..Age	-0.206687007			
## 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			
## MonthlyIncome	-0.132196048			
## 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			

```
fact.load.data<- rot.fact.data$loadings[1:12,1:5]
fact.load.data
```

##	PC1	PC2	PC3	PC4
## i..Age	-0.785686857	-0.0288509340	-0.008111735	-0.16819146
## Attrition	-0.053999075	0.2017154071	0.042116732	0.48173851
## BusinessTravel	-0.084186003	0.0761680685	-0.130498808	0.04107811
## DailyRate	-0.061103228	0.0978497852	0.034680357	-0.20829917
## Department	-0.095386497	-0.0067814988	0.232641163	-0.25373293
## DistanceFromHome	0.008328671	-0.0149164992	0.095865629	-0.02307703
## Education	-0.237399346	0.0998077537	-0.073809162	-0.03279573
## EducationField	0.088401800	-0.0656809221	-0.017606750	0.05206821
## 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	-0.050279411	0.0948577575	-0.014349510	-0.14123146

```
##                                PC5
## i..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
```

```
##          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
## [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    0.5898476  0.016144086 -0.4936491
## [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
## [22,] -0.10112444  2.2801299    0.5898476  1.029751958  1.4010356
## [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
## [30,]  0.99352156 -0.4382732    0.5898476 -0.241594835  1.4010356
## [31,] -0.42951824 -0.4382732    0.5898476  0.301143855 -0.4936491
## [32,]  0.77459236 -0.4382732    0.5898476  1.627012342 -0.4936491
## [33,] -0.75791204 -0.4382732    0.5898476 -1.678984971 -0.4936491
## [34,]  0.22726936  2.2801299    0.5898476  0.229274348  1.4010356
## [35,] -1.41469963  2.2801299    0.5898476  0.026057122 -0.4936491
## [36,]  0.66512776 -0.4382732    0.5898476  1.166056195 -0.4936491
```

##	[37,]	1.43137995	2.2801299	0.5898476	0.164839618	1.4010356
##	[38,]	-0.21058904	-0.4382732	0.5898476	0.216883054	1.4010356
##	[39,]	-0.10112444	-0.4382732	0.5898476	0.122709217	-0.4936491
##	[40,]	-0.42951824	-0.4382732	-0.9128837	0.838926026	1.4010356
##	[41,]	-0.21058904	-0.4382732	0.5898476	-0.838855219	-0.4936491
##	[42,]	-1.08630583	-0.4382732	0.5898476	1.084273653	-0.4936491
##	[43,]	-1.19577043	2.2801299	0.5898476	1.374229939	-0.4936491
##	[44,]	-1.08630583	-0.4382732	-0.9128837	0.474621974	1.4010356
##	[45,]	-0.75791204	-0.4382732	-0.9128837	-0.201942693	-0.4936491
##	[46,]	0.44619856	2.2801299	0.5898476	1.381664715	-0.4936491
##	[47,]	-0.32005364	-0.4382732	-2.4156151	0.650578353	1.4010356
##	[48,]	0.00834016	-0.4382732	0.5898476	-0.977637715	-0.4936491
##	[49,]	0.99352156	-0.4382732	-0.9128837	1.012404146	1.4010356
##	[50,]	-0.21058904	-0.4382732	0.5898476	1.057012805	-0.4936491
##	[51,]	1.21245075	2.2801299	0.5898476	-0.437377284	-0.4936491
##	[52,]	-0.97684124	2.2801299	0.5898476	1.565055871	-0.4936491
##	[53,]	0.77459236	-0.4382732	0.5898476	1.698881849	1.4010356
##	[54,]	-0.21058904	-0.4382732	-2.4156151	0.729882636	-0.4936491
##	[55,]	-1.19577043	-0.4382732	0.5898476	1.587360200	1.4010356
##	[56,]	-0.42951824	-0.4382732	-0.9128837	-0.712464017	-0.4936491
##	[57,]	-0.21058904	-0.4382732	-0.9128837	0.125187476	1.4010356
##	[58,]	-0.21058904	-0.4382732	0.5898476	0.841404285	-0.4936491
##	[59,]	-0.64844744	-0.4382732	0.5898476	-0.365507777	-0.4936491
##	[60,]	0.00834016	-0.4382732	0.5898476	0.774491296	-0.4936491
##	[61,]	-0.53898284	-0.4382732	0.5898476	-0.930550796	-0.4936491
##	[62,]	0.11780476	-0.4382732	-0.9128837	-0.370464295	-0.4936491
##	[63,]	1.43137995	-0.4382732	0.5898476	0.462230680	-0.4936491
##	[64,]	2.41656135	-0.4382732	0.5898476	1.567534129	1.4010356
##	[65,]	-0.10112444	-0.4382732	0.5898476	1.042143252	-0.4936491
##	[66,]	1.97870295	-0.4382732	0.5898476	0.083057075	-0.4936491
##	[67,]	-0.10112444	-0.4382732	-0.9128837	0.972752004	-0.4936491
##	[68,]	0.88405696	-0.4382732	0.5898476	1.329621279	-0.4936491
##	[69,]	-0.21058904	-0.4382732	-0.9128837	-0.343203448	-0.4936491
##	[70,]	-0.10112444	2.2801299	0.5898476	-1.200681012	-0.4936491
##	[71,]	2.41656135	-0.4382732	-0.9128837	1.047099770	1.4010356
##	[72,]	-0.86737664	-0.4382732	0.5898476	1.302360432	-0.4936491
##	[73,]	-0.64844744	-0.4382732	0.5898476	0.692708754	-0.4936491
##	[74,]	-0.53898284	-0.4382732	0.5898476	-0.630681475	-0.4936491
##	[75,]	-0.10112444	-0.4382732	0.5898476	-1.661637159	-0.4936491
##	[76,]	-0.64844744	-0.4382732	0.5898476	-0.139986222	-0.4936491
##	[77,]	-0.21058904	-0.4382732	0.5898476	-0.065638456	1.4010356
##	[78,]	0.88405696	-0.4382732	0.5898476	-1.510463368	-0.4936491
##	[79,]	0.00834016	-0.4382732	0.5898476	-1.004898562	-0.4936491
##	[80,]	0.99352156	-0.4382732	0.5898476	0.353187291	-2.3883338
##	[81,]	-0.75791204	-0.4382732	0.5898476	0.122709217	-0.4936491
##	[82,]	-0.21058904	-0.4382732	0.5898476	1.019838923	-0.4936491
##	[83,]	1.97870295	-0.4382732	0.5898476	-1.713680595	1.4010356
##	[84,]	0.11780476	-0.4382732	-2.4156151	-0.568725004	-0.4936491
##	[85,]	-0.32005364	-0.4382732	0.5898476	0.868665132	-0.4936491
##	[86,]	2.08816755	-0.4382732	0.5898476	1.480795070	-0.4936491
##	[87,]	-1.52416423	-0.4382732	0.5898476	-0.648029287	1.4010356
##	[88,]	1.54084455	-0.4382732	0.5898476	-0.918159502	-0.4936491
##	[89,]	-0.75791204	-0.4382732	0.5898476	-1.275028777	-0.4936491
##	[90,]	0.99352156	2.2801299	0.5898476	-0.330812153	1.4010356

##	[91,]	0.33673396	-0.4382732	-0.9128837	-0.675290134	-0.4936491
##	[92,]	1.54084455	-0.4382732	0.5898476	-0.422507731	1.4010356
##	[93,]	-0.75791204	-0.4382732	0.5898476	1.317229985	1.4010356
##	[94,]	0.99352156	-0.4382732	-0.9128837	-0.407638178	-0.4936491
##	[95,]	-0.53898284	-0.4382732	0.5898476	0.719969601	1.4010356
##	[96,]	1.86923835	-0.4382732	0.5898476	1.027273699	-0.4936491
##	[97,]	-1.41469963	-0.4382732	0.5898476	1.364316903	1.4010356
##	[98,]	-0.97684124	-0.4382732	-2.4156151	-1.691376265	1.4010356
##	[99,]	2.30709675	-0.4382732	0.5898476	-0.298594788	1.4010356
##	[100,]	0.77459236	-0.4382732	-2.4156151	-0.776898747	-0.4936491
##	[101,]	0.00834016	2.2801299	0.5898476	0.011187569	-2.3883338
##	[102,]	-0.53898284	-0.4382732	0.5898476	0.060752746	-0.4936491
##	[103,]	-1.85255803	2.2801299	-0.9128837	0.169796135	-0.4936491
##	[104,]	-0.32005364	-0.4382732	0.5898476	-0.340725189	-0.4936491
##	[105,]	0.00834016	-0.4382732	-2.4156151	0.588621882	-0.4936491
##	[106,]	2.41656135	-0.4382732	-2.4156151	1.530360247	-2.3883338
##	[107,]	1.43137995	-0.4382732	-0.9128837	0.774491296	-0.4936491
##	[108,]	-1.30523503	2.2801299	0.5898476	-1.393985202	1.4010356
##	[109,]	-1.30523503	-0.4382732	0.5898476	1.183404007	-0.4936491
##	[110,]	-1.63362883	-0.4382732	0.5898476	-0.665377099	-0.4936491
##	[111,]	1.54084455	-0.4382732	-0.9128837	1.619577565	-0.4936491
##	[112,]	-0.32005364	2.2801299	-0.9128837	-0.358073001	-0.4936491
##	[113,]	1.86923835	-0.4382732	-2.4156151	-1.636854570	-2.3883338
##	[114,]	-1.41469963	-0.4382732	0.5898476	0.804230402	-0.4936491
##	[115,]	-0.32005364	-0.4382732	0.5898476	0.566317552	-0.4936491
##	[116,]	0.00834016	-0.4382732	0.5898476	0.957882451	1.4010356
##	[117,]	-0.32005364	-0.4382732	0.5898476	1.366795162	-0.4936491
##	[118,]	-0.10112444	-0.4382732	-0.9128837	1.646838413	1.4010356
##	[119,]	-0.10112444	-0.4382732	0.5898476	0.296187337	-0.4936491
##	[120,]	0.66512776	-0.4382732	-0.9128837	-1.012333339	1.4010356
##	[121,]	-0.75791204	-0.4382732	-0.9128837	1.262708290	-0.4936491
##	[122,]	-0.42951824	-0.4382732	-2.4156151	-0.130073186	1.4010356
##	[123,]	2.08816755	2.2801299	0.5898476	-0.895855172	-0.4936491
##	[124,]	1.54084455	-0.4382732	0.5898476	-0.293638271	-0.4936491
##	[125,]	-0.64844744	2.2801299	0.5898476	-1.371680873	1.4010356
##	[126,]	-1.19577043	-0.4382732	0.5898476	0.095448370	-0.4936491
##	[127,]	2.30709675	2.2801299	0.5898476	-1.624463276	-0.4936491
##	[128,]	-1.96202263	2.2801299	0.5898476	-0.680246652	1.4010356
##	[129,]	-1.63362883	-0.4382732	0.5898476	-0.516681568	-0.4936491
##	[130,]	1.32191535	-0.4382732	0.5898476	-0.823985666	-0.4936491
##	[131,]	0.66512776	-0.4382732	-0.9128837	0.382926397	-0.4936491
##	[132,]	1.43137995	-0.4382732	-0.9128837	0.016144086	1.4010356
##	[133,]	-0.64844744	2.2801299	0.5898476	-0.645551028	1.4010356
##	[134,]	0.44619856	-0.4382732	0.5898476	-0.001203726	1.4010356
##	[135,]	-1.19577043	-0.4382732	0.5898476	1.369273421	-2.3883338
##	[136,]	-0.10112444	-0.4382732	0.5898476	-1.453463415	-0.4936491
##	[137,]	1.54084455	2.2801299	-0.9128837	0.861230356	-0.4936491
##	[138,]	0.22726936	-0.4382732	0.5898476	1.304838691	1.4010356
##	[139,]	-1.30523503	-0.4382732	0.5898476	0.387882915	1.4010356
##	[140,]	-0.75791204	-0.4382732	0.5898476	1.084273653	-2.3883338
##	[141,]	-0.53898284	2.2801299	0.5898476	0.571274070	-0.4936491
##	[142,]	0.88405696	-0.4382732	0.5898476	1.272621326	-0.4936491
##	[143,]	0.11780476	-0.4382732	0.5898476	-1.086681104	-0.4936491
##	[144,]	-0.75791204	-0.4382732	0.5898476	-0.903289949	-0.4936491

##	[145,]	-0.53898284	-0.4382732	-0.9128837	-0.281246976	1.4010356
##	[146,]	-0.75791204	-0.4382732	0.5898476	-1.490637298	-0.4936491
##	[147,]	-0.75791204	-0.4382732	0.5898476	1.547708059	-0.4936491
##	[148,]	0.44619856	-0.4382732	-0.9128837	0.135100511	-0.4936491
##	[149,]	0.44619856	-0.4382732	0.5898476	0.323448184	-0.4936491
##	[150,]	-1.96202263	-0.4382732	0.5898476	0.938056380	-0.4936491
##	[151,]	0.33673396	-0.4382732	-0.9128837	1.468403775	-0.4936491
##	[152,]	-0.21058904	-0.4382732	0.5898476	-0.348159965	1.4010356
##	[153,]	1.75977375	-0.4382732	0.5898476	1.570012388	1.4010356
##	[154,]	0.88405696	-0.4382732	0.5898476	-1.507985110	-0.4936491
##	[155,]	-0.53898284	-0.4382732	-0.9128837	0.407708985	1.4010356
##	[156,]	-0.86737664	-0.4382732	-2.4156151	1.718707920	-0.4936491
##	[157,]	1.54084455	-0.4382732	0.5898476	0.908317274	-0.4936491
##	[158,]	2.30709675	-0.4382732	0.5898476	0.848839062	-0.4936491
##	[159,]	0.33673396	-0.4382732	0.5898476	-0.427464249	1.4010356
##	[160,]	-0.32005364	-0.4382732	-0.9128837	-1.237854894	1.4010356
##	[161,]	-1.63362883	-0.4382732	0.5898476	1.123925794	-0.4936491
##	[162,]	-1.08630583	-0.4382732	-2.4156151	-0.276290459	-0.4936491
##	[163,]	-0.97684124	-0.4382732	0.5898476	-0.898333431	-0.4936491
##	[164,]	2.19763215	-0.4382732	0.5898476	-1.161028870	-0.4936491
##	[165,]	-1.08630583	-0.4382732	-2.4156151	1.604708012	-0.4936491
##	[166,]	1.43137995	-0.4382732	0.5898476	1.609664530	-0.4936491
##	[167,]	0.44619856	-0.4382732	0.5898476	-0.836376960	-0.4936491
##	[168,]	-0.75791204	-0.4382732	0.5898476	1.329621279	1.4010356
##	[169,]	0.11780476	-0.4382732	0.5898476	-0.249029611	1.4010356
##	[170,]	-0.53898284	-0.4382732	0.5898476	-1.691376265	-0.4936491
##	[171,]	-1.08630583	-0.4382732	0.5898476	0.878578168	-0.4936491
##	[172,]	-1.96202263	2.2801299	-0.9128837	-0.496855497	1.4010356
##	[173,]	-0.10112444	-0.4382732	-0.9128837	1.679055778	-0.4936491
##	[174,]	-0.75791204	-0.4382732	-2.4156151	-1.713680595	-0.4936491
##	[175,]	0.88405696	-0.4382732	0.5898476	1.153664901	1.4010356
##	[176,]	2.08816755	-0.4382732	0.5898476	-0.221768764	-0.4936491
##	[177,]	-0.42951824	-0.4382732	0.5898476	-1.656680641	-0.4936491
##	[178,]	-1.96202263	2.2801299	0.5898476	-1.237854894	-0.4936491
##	[179,]	0.99352156	-0.4382732	0.5898476	-0.685203170	1.4010356
##	[180,]	0.11780476	-0.4382732	0.5898476	1.431229892	-0.4936491
##	[181,]	-0.64844744	-0.4382732	0.5898476	-1.641811088	-0.4936491
##	[182,]	-0.32005364	-0.4382732	0.5898476	-0.429942508	-0.4936491
##	[183,]	0.44619856	2.2801299	0.5898476	1.371751680	1.4010356
##	[184,]	1.43137995	-0.4382732	0.5898476	-1.175898423	-0.4936491
##	[185,]	1.75977375	-0.4382732	0.5898476	0.697665271	-0.4936491
##	[186,]	-0.42951824	-0.4382732	0.5898476	0.318491667	-0.4936491
##	[187,]	0.33673396	-0.4382732	0.5898476	0.462230680	-0.4936491
##	[188,]	1.97870295	-0.4382732	0.5898476	-0.273812200	-0.4936491
##	[189,]	-0.32005364	-0.4382732	-0.9128837	0.660491389	-0.4936491
##	[190,]	1.54084455	-0.4382732	0.5898476	-1.213072306	-0.4936491
##	[191,]	1.65030915	-0.4382732	0.5898476	-0.256464388	-0.4936491
##	[192,]	-1.08630583	-0.4382732	0.5898476	0.226796089	-0.4936491
##	[193,]	-0.21058904	2.2801299	0.5898476	-0.610855404	-0.4936491
##	[194,]	0.66512776	-0.4382732	-2.4156151	1.342012574	-0.4936491
##	[195,]	0.88405696	-0.4382732	-2.4156151	0.972752004	-0.4936491
##	[196,]	0.00834016	-0.4382732	0.5898476	-1.270072259	-0.4936491
##	[197,]	-0.21058904	-0.4382732	-0.9128837	-1.646767605	-0.4936491
##	[198,]	0.55566316	-0.4382732	-2.4156151	0.306100372	-0.4936491

##	[199,]	0.11780476	-0.4382732	0.5898476	1.136317089	-0.4936491
##	[200,]	0.11780476	-0.4382732	0.5898476	0.697665271	-0.4936491
##	[201,]	-1.08630583	-0.4382732	-0.9128837	-0.819029148	-0.4936491
##	[202,]	1.32191535	-0.4382732	-2.4156151	0.494448045	-0.4936491
##	[203,]	-0.32005364	-0.4382732	-0.9128837	0.187143947	-0.4936491
##	[204,]	0.33673396	-0.4382732	0.5898476	0.254056936	-0.4936491
##	[205,]	0.11780476	2.2801299	0.5898476	0.935578121	-0.4936491
##	[206,]	-0.86737664	2.2801299	0.5898476	-1.688898006	1.4010356
##	[207,]	-1.63362883	-0.4382732	0.5898476	0.826534732	-0.4936491
##	[208,]	-0.10112444	-0.4382732	-0.9128837	-0.415072955	-0.4936491
##	[209,]	0.33673396	-0.4382732	-2.4156151	0.863708615	-0.4936491
##	[210,]	0.99352156	-0.4382732	0.5898476	-0.392768625	-0.4936491
##	[211,]	-0.53898284	2.2801299	0.5898476	0.601013176	1.4010356
##	[212,]	-0.75791204	-0.4382732	-2.4156151	0.065709263	-0.4936491
##	[213,]	-1.08630583	-0.4382732	-0.9128837	1.089230170	1.4010356
##	[214,]	1.54084455	-0.4382732	0.5898476	1.651794931	-0.4936491
##	[215,]	-0.75791204	2.2801299	0.5898476	0.501882822	-0.4936491
##	[216,]	0.44619856	-0.4382732	0.5898476	0.231752607	1.4010356
##	[217,]	-0.75791204	2.2801299	-0.9128837	-1.161028870	1.4010356
##	[218,]	-0.86737664	2.2801299	0.5898476	0.469665457	-0.4936491
##	[219,]	0.88405696	-0.4382732	-2.4156151	0.618360988	1.4010356
##	[220,]	1.86923835	-0.4382732	0.5898476	0.853795579	1.4010356
##	[221,]	-0.10112444	-0.4382732	0.5898476	1.470882034	-0.4936491
##	[222,]	-0.42951824	-0.4382732	0.5898476	-1.624463276	-0.4936491
##	[223,]	0.00834016	-0.4382732	-0.9128837	-0.345681707	-0.4936491
##	[224,]	0.11780476	-0.4382732	0.5898476	-1.693854524	1.4010356
##	[225,]	-0.64844744	-0.4382732	-2.4156151	0.437448092	-0.4936491
##	[226,]	2.41656135	-0.4382732	0.5898476	-1.636854570	-0.4936491
##	[227,]	0.00834016	-0.4382732	-0.9128837	-1.198202753	1.4010356
##	[228,]	-0.86737664	-0.4382732	-0.9128837	1.513012435	1.4010356
##	[229,]	-0.21058904	-0.4382732	-0.9128837	0.350709032	1.4010356
##	[230,]	-0.86737664	2.2801299	0.5898476	0.231752607	-0.4936491
##	[231,]	1.65030915	-0.4382732	0.5898476	1.289969138	-0.4936491
##	[232,]	0.55566316	-0.4382732	0.5898476	-0.670333617	-0.4936491
##	[233,]	2.41656135	-0.4382732	0.5898476	0.038448416	-2.3883338
##	[234,]	1.43137995	-0.4382732	0.5898476	0.127665735	1.4010356
##	[235,]	-0.42951824	2.2801299	0.5898476	0.026057122	-0.4936491
##	[236,]	0.66512776	-0.4382732	0.5898476	0.573752329	1.4010356
##	[237,]	-0.42951824	2.2801299	0.5898476	-0.836376960	-0.4936491
##	[238,]	1.65030915	-0.4382732	-2.4156151	-0.078029750	1.4010356
##	[239,]	-0.53898284	-0.4382732	0.5898476	1.483273328	1.4010356
##	[240,]	-0.53898284	2.2801299	0.5898476	-0.712464017	-0.4936491
##	[241,]	0.22726936	-0.4382732	0.5898476	1.557621094	-0.4936491
##	[242,]	-0.53898284	-0.4382732	-2.4156151	0.430013315	1.4010356
##	[243,]	0.44619856	-0.4382732	0.5898476	1.508055917	-0.4936491
##	[244,]	0.33673396	-0.4382732	0.5898476	1.232969184	-0.4936491
##	[245,]	0.88405696	-0.4382732	0.5898476	-1.364246096	-0.4936491
##	[246,]	-0.64844744	-0.4382732	-0.9128837	1.299882173	-0.4936491
##	[247,]	-0.42951824	-0.4382732	0.5898476	0.073144040	-0.4936491
##	[248,]	-0.32005364	-0.4382732	0.5898476	-0.823985666	-0.4936491
##	[249,]	0.00834016	-0.4382732	0.5898476	0.531621928	-0.4936491
##	[250,]	0.88405696	-0.4382732	-0.9128837	0.982665040	-0.4936491
##	[251,]	0.00834016	2.2801299	-0.9128837	-0.739724865	-0.4936491
##	[252,]	0.22726936	-0.4382732	-0.9128837	-0.737246606	-0.4936491

##	[253,]	-0.86737664	-0.4382732	0.5898476	-0.340725189	-0.4936491
##	[254,]	0.55566316	-0.4382732	0.5898476	0.281317784	-0.4936491
##	[255,]	-0.86737664	-0.4382732	0.5898476	1.101621465	1.4010356
##	[256,]	-1.30523503	-0.4382732	0.5898476	-0.291160012	-0.4936491
##	[257,]	0.55566316	-0.4382732	0.5898476	-1.322115695	-0.4936491
##	[258,]	0.33673396	-0.4382732	0.5898476	1.520447211	-0.4936491
##	[259,]	1.54084455	-0.4382732	0.5898476	0.075622299	-0.4936491
##	[260,]	-0.64844744	2.2801299	-0.9128837	-1.227941859	-0.4936491
##	[261,]	-0.53898284	-0.4382732	-0.9128837	1.260230031	-0.4936491
##	[262,]	0.11780476	-0.4382732	-2.4156151	1.299882173	1.4010356
##	[263,]	-0.53898284	-0.4382732	0.5898476	-1.671550194	-0.4936491
##	[264,]	0.99352156	-0.4382732	0.5898476	-0.779377006	1.4010356
##	[265,]	-0.97684124	2.2801299	0.5898476	-0.677768393	-0.4936491
##	[266,]	-0.86737664	-0.4382732	0.5898476	1.009925887	1.4010356
##	[267,]	-0.64844744	-0.4382732	0.5898476	1.636925377	-0.4936491
##	[268,]	-1.30523503	-0.4382732	-2.4156151	-0.315942600	-0.4936491
##	[269,]	0.88405696	-0.4382732	0.5898476	1.443621187	-0.4936491
##	[270,]	-0.10112444	-0.4382732	0.5898476	1.488229846	-0.4936491
##	[271,]	1.97870295	-0.4382732	0.5898476	-0.868594325	-0.4936491
##	[272,]	1.10298615	2.2801299	-2.4156151	-0.338246930	-0.4936491
##	[273,]	-0.97684124	-0.4382732	0.5898476	0.881056427	-0.4936491
##	[274,]	0.00834016	-0.4382732	0.5898476	-1.423724308	1.4010356
##	[275,]	-1.74309343	-0.4382732	0.5898476	0.479578492	-0.4936491
##	[276,]	0.00834016	-0.4382732	-2.4156151	-0.184594881	-0.4936491
##	[277,]	-0.21058904	-0.4382732	0.5898476	1.270143067	-0.4936491
##	[278,]	0.11780476	-0.4382732	0.5898476	-1.190767976	1.4010356
##	[279,]	-1.19577043	-0.4382732	-0.9128837	1.676577519	-0.4936491
##	[280,]	1.43137995	-0.4382732	0.5898476	-0.013595020	-0.4936491
##	[281,]	1.75977375	-0.4382732	0.5898476	0.662969647	-0.4936491
##	[282,]	0.55566316	-0.4382732	0.5898476	-0.415072955	1.4010356
##	[283,]	-0.86737664	-0.4382732	-0.9128837	-0.893376914	1.4010356
##	[284,]	1.97870295	-0.4382732	0.5898476	-1.624463276	-0.4936491
##	[285,]	-1.19577043	-0.4382732	-0.9128837	-0.759550935	-0.4936491
##	[286,]	0.00834016	-0.4382732	0.5898476	1.411403822	-0.4936491
##	[287,]	0.77459236	2.2801299	-0.9128837	0.291230819	-0.4936491
##	[288,]	0.11780476	-0.4382732	0.5898476	-0.283725235	-0.4936491
##	[289,]	-1.19577043	2.2801299	0.5898476	1.602229753	-0.4936491
##	[290,]	-0.97684124	-0.4382732	0.5898476	0.779447814	-0.4936491
##	[291,]	1.32191535	-0.4382732	-0.9128837	-0.412594696	-0.4936491
##	[292,]	-0.10112444	-0.4382732	0.5898476	-0.734768347	-0.4936491
##	[293,]	-0.64844744	-0.4382732	-0.9128837	-0.888420396	1.4010356
##	[294,]	-1.19577043	2.2801299	0.5898476	0.365578585	1.4010356
##	[295,]	0.00834016	-0.4382732	-0.9128837	0.214404795	-0.4936491
##	[296,]	0.55566316	-0.4382732	-0.9128837	-0.613333663	1.4010356
##	[297,]	-2.07148723	2.2801299	0.5898476	-1.418767791	-0.4936491
##	[298,]	-0.21058904	-0.4382732	0.5898476	1.064447582	1.4010356
##	[299,]	-0.10112444	-0.4382732	-0.9128837	-0.586072816	-0.4936491
##	[300,]	1.54084455	-0.4382732	0.5898476	1.237925702	-0.4936491
##	[301,]	0.44619856	-0.4382732	0.5898476	-1.161028870	1.4010356
##	[302,]	-2.07148723	-0.4382732	0.5898476	0.023578863	1.4010356
##	[303,]	-0.97684124	-0.4382732	0.5898476	1.669142743	-0.4936491
##	[304,]	-0.64844744	-0.4382732	0.5898476	-1.448506897	1.4010356
##	[305,]	0.22726936	-0.4382732	0.5898476	0.816621696	-0.4936491
##	[306,]	-0.10112444	-0.4382732	-2.4156151	0.749708707	-0.4936491

##	[307,]	-0.53898284	-0.4382732	0.5898476	0.256535195	1.4010356
##	[308,]	0.11780476	-0.4382732	0.5898476	0.115274440	-0.4936491
##	[309,]	2.30709675	-0.4382732	-2.4156151	-1.022246374	-0.4936491
##	[310,]	-0.64844744	-0.4382732	0.5898476	-0.276290459	-0.4936491
##	[311,]	-0.64844744	-0.4382732	0.5898476	-1.726071889	-2.3883338
##	[312,]	0.88405696	-0.4382732	-0.9128837	1.106577982	-0.4936491
##	[313,]	-0.64844744	-0.4382732	0.5898476	-1.512941627	-0.4936491
##	[314,]	-0.42951824	-0.4382732	-0.9128837	-0.618290181	-0.4936491
##	[315,]	0.22726936	-0.4382732	0.5898476	-1.698811041	-0.4936491
##	[316,]	0.66512776	-0.4382732	-0.9128837	-1.530289439	-0.4936491
##	[317,]	1.32191535	-0.4382732	0.5898476	0.715013083	-0.4936491
##	[318,]	1.65030915	2.2801299	0.5898476	-0.196986175	-0.4936491
##	[319,]	-1.08630583	-0.4382732	0.5898476	1.034708476	-0.4936491
##	[320,]	-0.53898284	-0.4382732	0.5898476	-0.531551121	1.4010356
##	[321,]	-1.08630583	-0.4382732	0.5898476	1.423795116	1.4010356
##	[322,]	-0.64844744	-0.4382732	0.5898476	-0.276290459	1.4010356
##	[323,]	-0.53898284	-0.4382732	0.5898476	0.534100187	-0.4936491
##	[324,]	-0.97684124	2.2801299	0.5898476	0.878578168	-0.4936491
##	[325,]	-0.75791204	-0.4382732	0.5898476	1.171012713	-0.4936491
##	[326,]	-0.64844744	-0.4382732	-0.9128837	-0.011116761	-0.4936491
##	[327,]	0.22726936	-0.4382732	-0.9128837	-0.323377377	-0.4936491
##	[328,]	0.22726936	2.2801299	0.5898476	0.890969462	1.4010356
##	[329,]	-0.42951824	-0.4382732	-0.9128837	-0.729811829	1.4010356
##	[330,]	1.10298615	-0.4382732	0.5898476	1.684012296	-0.4936491
##	[331,]	0.66512776	-0.4382732	-0.9128837	-0.603420627	-0.4936491
##	[332,]	-1.08630583	-0.4382732	-2.4156151	-1.468332968	1.4010356
##	[333,]	1.86923835	-0.4382732	-0.9128837	0.311056890	-0.4936491
##	[334,]	0.66512776	-0.4382732	0.5898476	0.491969786	-0.4936491
##	[335,]	0.88405696	-0.4382732	0.5898476	-0.628203216	-0.4936491
##	[336,]	0.33673396	-0.4382732	0.5898476	0.796795626	1.4010356
##	[337,]	-0.86737664	2.2801299	0.5898476	-1.200681012	-0.4936491
##	[338,]	-0.86737664	-0.4382732	0.5898476	-0.159812292	-0.4936491
##	[339,]	-0.75791204	-0.4382732	0.5898476	-0.576159780	1.4010356
##	[340,]	-1.08630583	-0.4382732	0.5898476	0.811665179	1.4010356
##	[341,]	0.00834016	-0.4382732	0.5898476	0.965317228	-0.4936491
##	[342,]	0.11780476	-0.4382732	0.5898476	-1.138724540	-0.4936491
##	[343,]	-0.64844744	-0.4382732	0.5898476	1.064447582	-0.4936491
##	[344,]	-0.86737664	-0.4382732	0.5898476	-1.631898052	1.4010356
##	[345,]	-0.21058904	-0.4382732	0.5898476	1.223056149	-0.4936491
##	[346,]	-1.52416423	-0.4382732	0.5898476	1.255273514	-0.4936491
##	[347,]	0.44619856	-0.4382732	0.5898476	-0.791768300	-0.4936491
##	[348,]	1.10298615	-0.4382732	-0.9128837	1.255273514	1.4010356
##	[349,]	0.55566316	-0.4382732	0.5898476	0.018622345	-0.4936491
##	[350,]	-0.86737664	-0.4382732	-2.4156151	-0.139986222	1.4010356
##	[351,]	0.55566316	-0.4382732	0.5898476	-0.640594510	-2.3883338
##	[352,]	-0.53898284	-0.4382732	0.5898476	0.643143577	-0.4936491
##	[353,]	1.21245075	-0.4382732	0.5898476	-0.675290134	1.4010356
##	[354,]	0.00834016	-0.4382732	0.5898476	1.280056102	-0.4936491
##	[355,]	-0.75791204	-0.4382732	-2.4156151	-0.400203401	1.4010356
##	[356,]	-1.19577043	-0.4382732	0.5898476	0.323448184	1.4010356
##	[357,]	0.55566316	-0.4382732	0.5898476	1.312273467	-0.4936491
##	[358,]	-1.74309343	2.2801299	-0.9128837	-0.115203633	1.4010356
##	[359,]	-0.10112444	-0.4382732	-2.4156151	0.105361405	1.4010356
##	[360,]	-0.10112444	-0.4382732	-0.9128837	-0.648029287	1.4010356

##	[361,]	2.19763215	-0.4382732	0.5898476	-0.519159826	-0.4936491
##	[362,]	0.33673396	-0.4382732	0.5898476	0.913273792	-0.4936491
##	[363,]	-1.74309343	-0.4382732	-2.4156151	0.229274348	1.4010356
##	[364,]	-0.42951824	2.2801299	0.5898476	-1.121376728	1.4010356
##	[365,]	0.00834016	-0.4382732	0.5898476	0.293709078	-0.4936491
##	[366,]	0.99352156	-0.4382732	-2.4156151	0.846360803	-0.4936491
##	[367,]	0.44619856	2.2801299	-0.9128837	-1.634376311	1.4010356
##	[368,]	1.43137995	-0.4382732	0.5898476	0.603491435	-0.4936491
##	[369,]	0.33673396	2.2801299	0.5898476	-0.563768486	1.4010356
##	[370,]	-0.64844744	-0.4382732	0.5898476	-0.977637715	-0.4936491
##	[371,]	-1.74309343	2.2801299	0.5898476	-1.602158946	1.4010356
##	[372,]	-0.86737664	-0.4382732	0.5898476	1.190838784	-0.4936491
##	[373,]	-0.21058904	-0.4382732	0.5898476	-0.117681892	-0.4936491
##	[374,]	-1.08630583	-0.4382732	0.5898476	1.651794931	-0.4936491
##	[375,]	-0.97684124	-0.4382732	0.5898476	-1.235376636	1.4010356
##	[376,]	1.32191535	-0.4382732	0.5898476	1.136317089	-0.4936491
##	[377,]	1.54084455	-0.4382732	0.5898476	0.930621604	1.4010356
##	[378,]	-0.10112444	-0.4382732	0.5898476	-1.173420164	-0.4936491
##	[379,]	-0.32005364	2.2801299	-2.4156151	1.386621233	1.4010356
##	[380,]	1.97870295	-0.4382732	0.5898476	1.260230031	-0.4936491
##	[381,]	-1.41469963	-0.4382732	0.5898476	1.408925563	1.4010356
##	[382,]	-0.75791204	-0.4382732	0.5898476	-1.488159039	1.4010356
##	[383,]	-1.19577043	2.2801299	-0.9128837	-0.563768486	-0.4936491
##	[384,]	-1.63362883	-0.4382732	0.5898476	-1.361767837	-0.4936491
##	[385,]	-0.10112444	-0.4382732	0.5898476	-1.582332875	1.4010356
##	[386,]	-0.75791204	2.2801299	-0.9128837	-0.838855219	-0.4936491
##	[387,]	0.00834016	-0.4382732	0.5898476	0.754665225	-0.4936491
##	[388,]	0.33673396	-0.4382732	0.5898476	-0.107768856	1.4010356
##	[389,]	0.55566316	-0.4382732	0.5898476	-1.490637298	-0.4936491
##	[390,]	0.00834016	-0.4382732	0.5898476	1.245360478	-0.4936491
##	[391,]	0.66512776	-0.4382732	0.5898476	0.444882868	-0.4936491
##	[392,]	0.33673396	-0.4382732	0.5898476	-0.613333663	-0.4936491
##	[393,]	1.86923835	-0.4382732	0.5898476	0.045883193	-0.4936491
##	[394,]	-0.32005364	-0.4382732	-2.4156151	1.433708151	1.4010356
##	[395,]	-0.64844744	-0.4382732	0.5898476	-0.799203077	-0.4936491
##	[396,]	0.66512776	-0.4382732	-0.9128837	-1.213072306	-0.4936491
##	[397,]	0.66512776	-0.4382732	0.5898476	1.661707966	-0.4936491
##	[398,]	-1.30523503	-0.4382732	0.5898476	0.219361312	1.4010356
##	[399,]	0.00834016	-0.4382732	-2.4156151	0.645621835	-0.4936491
##	[400,]	-0.64844744	-0.4382732	0.5898476	-1.173420164	-0.4936491
##	[401,]	0.22726936	-0.4382732	-0.9128837	1.029751958	-0.4936491
##	[402,]	2.08816755	-0.4382732	-0.9128837	0.256535195	1.4010356
##	[403,]	-0.75791204	-0.4382732	0.5898476	0.692708754	1.4010356
##	[404,]	0.44619856	-0.4382732	0.5898476	-0.390290366	1.4010356
##	[405,]	-0.97684124	-0.4382732	0.5898476	1.232969184	-0.4936491
##	[406,]	-1.30523503	2.2801299	0.5898476	-0.283725235	-0.4936491
##	[407,]	1.65030915	-0.4382732	0.5898476	-1.198202753	-0.4936491
##	[408,]	0.88405696	-0.4382732	0.5898476	-1.512941627	-0.4936491
##	[409,]	1.65030915	-0.4382732	0.5898476	1.703838366	-0.4936491
##	[410,]	0.55566316	-0.4382732	-0.9128837	-0.670333617	-0.4936491
##	[411,]	-0.75791204	-0.4382732	0.5898476	-1.203159270	-0.4936491
##	[412,]	2.52602595	-0.4382732	0.5898476	-0.942942091	-0.4936491
##	[413,]	0.99352156	-0.4382732	0.5898476	1.691447072	-0.4936491
##	[414,]	0.55566316	-0.4382732	-0.9128837	1.401490786	-0.4936491

##	[415,]	-1.41469963	2.2801299	0.5898476	1.599751495	1.4010356
##	[416,]	-0.32005364	2.2801299	-0.9128837	-1.255202706	1.4010356
##	[417,]	0.11780476	-0.4382732	-0.9128837	1.703838366	-0.4936491
##	[418,]	0.33673396	-0.4382732	0.5898476	1.475838552	1.4010356
##	[419,]	-1.19577043	-0.4382732	0.5898476	1.354403868	-0.4936491
##	[420,]	-0.75791204	-0.4382732	-2.4156151	1.480795070	-0.4936491
##	[421,]	-0.86737664	-0.4382732	0.5898476	0.454795904	-0.4936491
##	[422,]	-0.86737664	2.2801299	0.5898476	-0.977637715	-0.4936491
##	[423,]	-1.96202263	2.2801299	0.5898476	-0.776898747	-2.3883338
##	[424,]	-0.75791204	-0.4382732	-2.4156151	1.475838552	1.4010356
##	[425,]	2.19763215	-0.4382732	0.5898476	-1.468332968	1.4010356
##	[426,]	1.43137995	-0.4382732	0.5898476	0.734839154	-0.4936491
##	[427,]	-0.75791204	-0.4382732	-2.4156151	0.776969555	-0.4936491
##	[428,]	2.52602595	-0.4382732	-0.9128837	1.726142696	1.4010356
##	[429,]	1.10298615	-0.4382732	0.5898476	0.447361127	-0.4936491
##	[430,]	0.99352156	-0.4382732	0.5898476	0.511795857	-0.4936491
##	[431,]	-0.21058904	-0.4382732	0.5898476	-1.631898052	-0.4936491
##	[432,]	1.86923835	-0.4382732	0.5898476	-0.630681475	-0.4936491
##	[433,]	-0.32005364	-0.4382732	0.5898476	1.240403961	-0.4936491
##	[434,]	0.99352156	-0.4382732	0.5898476	0.799273884	1.4010356
##	[435,]	-0.64844744	-0.4382732	0.5898476	1.168534454	-0.4936491
##	[436,]	-0.42951824	2.2801299	0.5898476	1.175969230	-0.4936491
##	[437,]	-0.42951824	2.2801299	0.5898476	-0.534029380	-0.4936491
##	[438,]	-0.75791204	-0.4382732	0.5898476	-0.965246420	1.4010356
##	[439,]	-0.21058904	-0.4382732	0.5898476	1.173490972	-0.4936491
##	[440,]	-0.64844744	2.2801299	-0.9128837	-0.665377099	-0.4936491
##	[441,]	-0.32005364	2.2801299	-0.9128837	0.459752421	-2.3883338
##	[442,]	0.55566316	-0.4382732	-0.9128837	1.664186225	-0.4936491
##	[443,]	-0.10112444	-0.4382732	-2.4156151	-0.415072955	1.4010356
##	[444,]	-1.63362883	2.2801299	-0.9128837	1.401490786	-0.4936491
##	[445,]	1.21245075	-0.4382732	0.5898476	-1.584811134	1.4010356
##	[446,]	1.97870295	-0.4382732	0.5898476	0.779447814	1.4010356
##	[447,]	0.44619856	-0.4382732	-2.4156151	-1.327072213	1.4010356
##	[448,]	-0.21058904	-0.4382732	0.5898476	-0.454725096	1.4010356
##	[449,]	0.33673396	-0.4382732	0.5898476	-1.240333153	-0.4936491
##	[450,]	0.22726936	-0.4382732	-0.9128837	-0.890898655	-0.4936491
##	[451,]	-0.64844744	-0.4382732	0.5898476	0.063231004	1.4010356
##	[452,]	0.55566316	-0.4382732	0.5898476	-1.198202753	-0.4936491
##	[453,]	0.88405696	-0.4382732	0.5898476	-0.598464110	1.4010356
##	[454,]	-1.19577043	2.2801299	-0.9128837	-0.933029055	-2.3883338
##	[455,]	-0.86737664	-0.4382732	0.5898476	-1.413811273	-0.4936491
##	[456,]	-0.42951824	-0.4382732	0.5898476	0.296187337	-0.4936491
##	[457,]	-0.64844744	-0.4382732	0.5898476	-0.283725235	1.4010356
##	[458,]	-2.07148723	2.2801299	-0.9128837	1.247838737	1.4010356
##	[459,]	0.33673396	-0.4382732	-2.4156151	0.722447860	1.4010356
##	[460,]	0.44619856	-0.4382732	-2.4156151	-0.727333570	-0.4936491
##	[461,]	-1.19577043	-0.4382732	0.5898476	-0.068116715	1.4010356
##	[462,]	-0.21058904	-0.4382732	0.5898476	-1.505506851	1.4010356
##	[463,]	-0.32005364	-0.4382732	0.5898476	-1.349376543	1.4010356
##	[464,]	-1.19577043	2.2801299	0.5898476	-0.821507407	-0.4936491
##	[465,]	0.00834016	-0.4382732	0.5898476	-0.008638502	-0.4936491
##	[466,]	0.99352156	-0.4382732	-0.9128837	0.573752329	-0.4936491
##	[467,]	0.44619856	-0.4382732	0.5898476	1.173490972	1.4010356
##	[468,]	0.00834016	-0.4382732	-2.4156151	-1.636854570	1.4010356

##	[469,]	1.65030915	-0.4382732	0.5898476	0.380448138	-0.4936491
##	[470,]	-0.53898284	2.2801299	-2.4156151	1.664186225	1.4010356
##	[471,]	-1.41469963	-0.4382732	-0.9128837	-0.662898840	1.4010356
##	[472,]	0.11780476	-0.4382732	0.5898476	1.716229661	-0.4936491
##	[473,]	0.00834016	-0.4382732	0.5898476	-0.883463878	-0.4936491
##	[474,]	1.32191535	-0.4382732	0.5898476	1.096664947	-0.4936491
##	[475,]	-1.41469963	-0.4382732	0.5898476	-0.276290459	-0.4936491
##	[476,]	-1.19577043	-0.4382732	0.5898476	-0.246551352	1.4010356
##	[477,]	-1.41469963	-0.4382732	0.5898476	0.050839710	-0.4936491
##	[478,]	1.43137995	-0.4382732	-0.9128837	1.099143206	-2.3883338
##	[479,]	-1.30523503	-0.4382732	0.5898476	-0.447290320	1.4010356
##	[480,]	-1.41469963	2.2801299	-0.9128837	1.200751819	-0.4936491
##	[481,]	-0.75791204	2.2801299	-0.9128837	-0.878507360	1.4010356
##	[482,]	-0.32005364	-0.4382732	0.5898476	-1.359289578	-0.4936491
##	[483,]	-0.64844744	2.2801299	0.5898476	1.394056010	1.4010356
##	[484,]	-0.21058904	-0.4382732	0.5898476	-0.655464063	-0.4936491
##	[485,]	-0.64844744	-0.4382732	0.5898476	-0.687681429	1.4010356
##	[486,]	-1.08630583	-0.4382732	0.5898476	-0.011116761	-0.4936491
##	[487,]	0.00834016	-0.4382732	0.5898476	-0.605898886	1.4010356
##	[488,]	-1.85255803	-0.4382732	0.5898476	0.387882915	-0.4936491
##	[489,]	0.55566316	-0.4382732	0.5898476	-0.447290320	-0.4936491
##	[490,]	0.66512776	-0.4382732	0.5898476	-0.050768903	-0.4936491
##	[491,]	0.11780476	-0.4382732	0.5898476	-1.091637622	-0.4936491
##	[492,]	0.66512776	-0.4382732	-0.9128837	0.491969786	-0.4936491
##	[493,]	1.21245075	-0.4382732	0.5898476	1.074360617	-0.4936491
##	[494,]	0.77459236	-0.4382732	0.5898476	0.767056519	-2.3883338
##	[495,]	-0.32005364	-0.4382732	0.5898476	-1.483202521	1.4010356
##	[496,]	-1.08630583	2.2801299	0.5898476	1.530360247	1.4010356
##	[497,]	-1.74309343	-0.4382732	0.5898476	1.339534315	1.4010356
##	[498,]	0.77459236	-0.4382732	0.5898476	1.270143067	-0.4936491
##	[499,]	-1.63362883	-0.4382732	0.5898476	-0.491898979	-0.4936491
##	[500,]	-0.42951824	-0.4382732	0.5898476	1.024795440	1.4010356
##	[501,]	-0.53898284	-0.4382732	0.5898476	-0.387812107	-0.4936491
##	[502,]	-0.75791204	-0.4382732	-0.9128837	-1.592245911	-0.4936491
##	[503,]	1.75977375	-0.4382732	0.5898476	-1.398941720	1.4010356
##	[504,]	-0.32005364	-0.4382732	0.5898476	1.473360293	-0.4936491
##	[505,]	0.88405696	2.2801299	-0.9128837	-1.230420118	1.4010356
##	[506,]	-1.19577043	-0.4382732	0.5898476	0.467187198	-0.4936491
##	[507,]	0.00834016	-0.4382732	0.5898476	-0.794246559	-0.4936491
##	[508,]	-0.86737664	-0.4382732	0.5898476	0.925665086	1.4010356
##	[509,]	-0.21058904	-0.4382732	0.5898476	0.531621928	-0.4936491
##	[510,]	-0.42951824	-0.4382732	-0.9128837	1.223056149	-0.4936491
##	[511,]	1.86923835	-0.4382732	0.5898476	-1.004898562	-2.3883338
##	[512,]	-0.10112444	-0.4382732	0.5898476	0.273883007	-0.4936491
##	[513,]	-1.08630583	-0.4382732	0.5898476	0.774491296	-0.4936491
##	[514,]	-1.85255803	2.2801299	0.5898476	1.386621233	-0.4936491
##	[515,]	-0.42951824	2.2801299	-0.9128837	0.677839201	-0.4936491
##	[516,]	-0.21058904	-0.4382732	-2.4156151	-0.187073140	-0.4936491
##	[517,]	-1.52416423	-0.4382732	0.5898476	0.204491759	-0.4936491
##	[518,]	-1.30523503	-0.4382732	0.5898476	0.018622345	1.4010356
##	[519,]	0.11780476	-0.4382732	0.5898476	-1.386550426	1.4010356
##	[520,]	-0.86737664	-0.4382732	-0.9128837	0.008709310	-0.4936491
##	[521,]	1.21245075	-0.4382732	0.5898476	0.035970157	1.4010356
##	[522,]	-1.08630583	-0.4382732	-0.9128837	1.505577658	1.4010356

##	[523,]	0.00834016	-0.4382732	0.5898476	1.047099770	-0.4936491
##	[524,]	1.43137995	-0.4382732	0.5898476	1.002491111	-0.4936491
##	[525,]	-0.32005364	-0.4382732	0.5898476	1.584881941	-0.4936491
##	[526,]	-1.41469963	2.2801299	0.5898476	-0.271333941	1.4010356
##	[527,]	0.22726936	-0.4382732	0.5898476	-0.977637715	-0.4936491
##	[528,]	-0.53898284	-0.4382732	0.5898476	0.313535149	1.4010356
##	[529,]	1.43137995	2.2801299	-0.9128837	-0.595985851	1.4010356
##	[530,]	0.11780476	-0.4382732	0.5898476	0.060752746	-0.4936491
##	[531,]	-1.08630583	-0.4382732	0.5898476	-0.481985944	-0.4936491
##	[532,]	-0.53898284	-0.4382732	0.5898476	0.534100187	-0.4936491
##	[533,]	1.10298615	-0.4382732	0.5898476	-0.246551352	1.4010356
##	[534,]	0.33673396	-0.4382732	-0.9128837	-0.551377192	1.4010356
##	[535,]	1.75977375	-0.4382732	0.5898476	0.415143762	-0.4936491
##	[536,]	0.44619856	-0.4382732	0.5898476	-0.930550796	-2.3883338
##	[537,]	2.52602595	-0.4382732	0.5898476	0.933099863	1.4010356
##	[538,]	-1.08630583	-0.4382732	-0.9128837	-1.260159224	-0.4936491
##	[539,]	0.44619856	-0.4382732	0.5898476	-1.210594047	-2.3883338
##	[540,]	1.43137995	-0.4382732	0.5898476	-1.205637529	1.4010356
##	[541,]	-0.97684124	2.2801299	0.5898476	-0.367986036	-0.4936491
##	[542,]	-0.10112444	-0.4382732	-2.4156151	-0.930550796	-0.4936491
##	[543,]	0.11780476	-0.4382732	0.5898476	-1.572419840	-0.4936491
##	[544,]	0.77459236	-0.4382732	-2.4156151	-1.044550704	-0.4936491
##	[545,]	1.10298615	-0.4382732	-0.9128837	-1.450985156	1.4010356
##	[546,]	-0.75791204	-0.4382732	0.5898476	-0.747159641	1.4010356
##	[547,]	-0.86737664	-0.4382732	0.5898476	1.470882034	1.4010356
##	[548,]	0.55566316	2.2801299	-0.9128837	0.323448184	-0.4936491
##	[549,]	0.66512776	-0.4382732	-0.9128837	-0.068116715	1.4010356
##	[550,]	-0.32005364	-0.4382732	0.5898476	0.415143762	-0.4936491
##	[551,]	-1.52416423	-0.4382732	0.5898476	-0.377899072	-0.4936491
##	[552,]	0.22726936	-0.4382732	0.5898476	-1.639332829	-2.3883338
##	[553,]	2.08816755	-0.4382732	0.5898476	0.073144040	-0.4936491
##	[554,]	0.33673396	-0.4382732	0.5898476	0.003752792	-0.4936491
##	[555,]	-1.08630583	-0.4382732	0.5898476	0.427535056	-0.4936491
##	[556,]	-0.86737664	-0.4382732	0.5898476	0.712534825	1.4010356
##	[557,]	1.75977375	-0.4382732	0.5898476	-1.131289764	-0.4936491
##	[558,]	-0.21058904	-0.4382732	-2.4156151	1.047099770	-0.4936491
##	[559,]	-0.53898284	-0.4382732	-0.9128837	-0.923116020	-0.4936491
##	[560,]	0.11780476	-0.4382732	0.5898476	-1.324593954	-0.4936491
##	[561,]	-0.32005364	-0.4382732	0.5898476	-1.574898099	-0.4936491
##	[562,]	1.65030915	-0.4382732	0.5898476	-0.449768578	1.4010356
##	[563,]	-0.42951824	2.2801299	0.5898476	-0.682724911	-0.4936491
##	[564,]	-1.30523503	-0.4382732	0.5898476	0.199535242	1.4010356
##	[565,]	0.88405696	-0.4382732	0.5898476	0.375491620	1.4010356
##	[566,]	-1.52416423	-0.4382732	0.5898476	-1.220507082	-0.4936491
##	[567,]	1.10298615	2.2801299	-0.9128837	-0.206899211	1.4010356
##	[568,]	-0.32005364	-0.4382732	0.5898476	-1.235376636	1.4010356
##	[569,]	1.97870295	2.2801299	0.5898476	-0.192029658	-0.4936491
##	[570,]	-0.10112444	-0.4382732	-2.4156151	1.565055871	1.4010356
##	[571,]	1.65030915	-0.4382732	-2.4156151	-0.216812246	-0.4936491
##	[572,]	-1.19577043	-0.4382732	-0.9128837	-0.563768486	-0.4936491
##	[573,]	-0.86737664	-0.4382732	0.5898476	-0.360551260	-0.4936491
##	[574,]	-1.19577043	2.2801299	0.5898476	0.851317320	1.4010356
##	[575,]	-0.32005364	-0.4382732	0.5898476	-1.537724216	-0.4936491
##	[576,]	1.86923835	-0.4382732	0.5898476	-1.056941998	-0.4936491

##	[577,]	-1.08630583	-0.4382732	-0.9128837	0.065709263	1.4010356
##	[578,]	0.00834016	-0.4382732	0.5898476	-0.573681521	-0.4936491
##	[579,]	0.11780476	-0.4382732	-0.9128837	-1.393985202	-0.4936491
##	[580,]	-0.32005364	-0.4382732	0.5898476	-1.688898006	-0.4936491
##	[581,]	-0.21058904	-0.4382732	0.5898476	-1.037115927	1.4010356
##	[582,]	-0.75791204	-0.4382732	0.5898476	0.293709078	-0.4936491
##	[583,]	0.33673396	-0.4382732	-0.9128837	-0.028464573	-0.4936491
##	[584,]	-0.32005364	-0.4382732	0.5898476	0.764578260	1.4010356
##	[585,]	0.55566316	-0.4382732	-0.9128837	-0.576159780	-0.4936491
##	[586,]	-1.52416423	2.2801299	0.5898476	1.091708429	-0.4936491
##	[587,]	-1.41469963	-0.4382732	-2.4156151	0.717491342	-0.4936491
##	[588,]	1.65030915	-0.4382732	0.5898476	1.294925655	-0.4936491
##	[589,]	1.43137995	-0.4382732	0.5898476	-0.276290459	-0.4936491
##	[590,]	-0.86737664	2.2801299	0.5898476	0.006231051	-0.4936491
##	[591,]	-0.42951824	-0.4382732	0.5898476	-1.460898191	-0.4936491
##	[592,]	-0.42951824	2.2801299	0.5898476	-1.696332783	1.4010356
##	[593,]	1.10298615	-0.4382732	0.5898476	-1.488159039	-0.4936491
##	[594,]	-0.10112444	-0.4382732	0.5898476	-0.313464341	-0.4936491
##	[595,]	-0.86737664	-0.4382732	0.5898476	1.114012759	-0.4936491
##	[596,]	2.30709675	2.2801299	0.5898476	-1.279985295	-0.4936491
##	[597,]	-0.21058904	-0.4382732	0.5898476	1.128882312	-0.4936491
##	[598,]	0.55566316	-0.4382732	0.5898476	0.320969925	-0.4936491
##	[599,]	-0.97684124	2.2801299	0.5898476	0.216883054	-0.4936491
##	[600,]	-0.10112444	-0.4382732	0.5898476	0.591100141	-2.3883338
##	[601,]	-0.53898284	-0.4382732	0.5898476	0.140057029	-0.4936491
##	[602,]	0.33673396	-0.4382732	-0.9128837	-0.204420952	-0.4936491
##	[603,]	-0.75791204	-0.4382732	0.5898476	0.355665549	-0.4936491
##	[604,]	0.88405696	-0.4382732	0.5898476	-1.364246096	-0.4936491
##	[605,]	0.55566316	-0.4382732	0.5898476	0.323448184	-0.4936491
##	[606,]	0.11780476	-0.4382732	-0.9128837	-0.821507407	-0.4936491
##	[607,]	-0.32005364	-0.4382732	-0.9128837	-0.249029611	-0.4936491
##	[608,]	1.32191535	2.2801299	0.5898476	0.945491157	1.4010356
##	[609,]	1.97870295	2.2801299	0.5898476	-0.908246467	1.4010356
##	[610,]	0.66512776	-0.4382732	0.5898476	-0.529072862	-0.4936491
##	[611,]	-1.08630583	-0.4382732	0.5898476	-1.322115695	-0.4936491
##	[612,]	-0.21058904	-0.4382732	0.5898476	0.365578585	-0.4936491
##	[613,]	-0.97684124	-0.4382732	0.5898476	-0.105290598	1.4010356
##	[614,]	-0.32005364	-0.4382732	0.5898476	0.065709263	-2.3883338
##	[615,]	-1.19577043	2.2801299	-0.9128837	0.209448277	-0.4936491
##	[616,]	-1.08630583	-0.4382732	-2.4156151	-0.890898655	-0.4936491
##	[617,]	1.54084455	-0.4382732	0.5898476	1.277577843	1.4010356
##	[618,]	0.77459236	-0.4382732	0.5898476	-0.439855543	-0.4936491
##	[619,]	-1.30523503	-0.4382732	0.5898476	-1.542680734	-0.4936491
##	[620,]	-0.42951824	-0.4382732	0.5898476	-0.536507638	1.4010356
##	[621,]	-0.21058904	-0.4382732	0.5898476	1.339534315	-0.4936491
##	[622,]	-0.10112444	-0.4382732	0.5898476	0.311056890	1.4010356
##	[623,]	-0.53898284	-0.4382732	0.5898476	-1.698811041	1.4010356
##	[624,]	-0.75791204	-0.4382732	-0.9128837	0.519230634	-0.4936491
##	[625,]	1.75977375	-0.4382732	0.5898476	-0.350638224	1.4010356
##	[626,]	0.88405696	-0.4382732	0.5898476	0.316013408	1.4010356
##	[627,]	-0.53898284	-0.4382732	0.5898476	-0.407638178	-0.4936491
##	[628,]	1.65030915	-0.4382732	-0.9128837	0.216883054	-0.4936491
##	[629,]	0.00834016	-0.4382732	0.5898476	-1.141202799	1.4010356
##	[630,]	-0.97684124	-0.4382732	0.5898476	0.908317274	-2.3883338

##	[631,]	-1.63362883	-0.4382732	0.5898476	1.059491064	-0.4936491
##	[632,]	0.77459236	-0.4382732	0.5898476	0.454795904	-0.4936491
##	[633,]	0.55566316	-0.4382732	-0.9128837	1.161099677	-0.4936491
##	[634,]	-0.10112444	-0.4382732	0.5898476	1.178447489	-2.3883338
##	[635,]	-1.30523503	-0.4382732	0.5898476	-1.639332829	1.4010356
##	[636,]	-0.21058904	-0.4382732	0.5898476	-0.484464202	-0.4936491
##	[637,]	-0.21058904	2.2801299	-0.9128837	-1.666593676	-0.4936491
##	[638,]	-0.53898284	-0.4382732	-2.4156151	-1.245289671	-0.4936491
##	[639,]	-1.30523503	-0.4382732	0.5898476	-0.543942415	1.4010356
##	[640,]	1.32191535	-0.4382732	0.5898476	1.525403729	-0.4936491
##	[641,]	-1.41469963	-0.4382732	-2.4156151	1.156143160	-0.4936491
##	[642,]	-0.53898284	-0.4382732	-0.9128837	-1.049507221	1.4010356
##	[643,]	0.11780476	-0.4382732	0.5898476	-1.009855080	1.4010356
##	[644,]	0.55566316	-0.4382732	0.5898476	1.146230124	-0.4936491
##	[645,]	-0.64844744	-0.4382732	0.5898476	1.039664993	-0.4936491
##	[646,]	-0.86737664	2.2801299	0.5898476	-1.143681058	1.4010356
##	[647,]	1.75977375	-0.4382732	0.5898476	0.162361359	1.4010356
##	[648,]	-0.21058904	-0.4382732	0.5898476	-0.323377377	-0.4936491
##	[649,]	0.00834016	-0.4382732	-0.9128837	1.061969323	1.4010356
##	[650,]	1.75977375	-0.4382732	0.5898476	-1.735984924	-0.4936491
##	[651,]	0.66512776	-0.4382732	-0.9128837	-0.942942091	-0.4936491
##	[652,]	1.10298615	-0.4382732	0.5898476	-1.371680873	1.4010356
##	[653,]	0.00834016	-0.4382732	-2.4156151	1.114012759	1.4010356
##	[654,]	1.43137995	-0.4382732	-2.4156151	0.194578724	-0.4936491
##	[655,]	0.22726936	-0.4382732	0.5898476	1.438664669	-2.3883338
##	[656,]	-0.42951824	-0.4382732	0.5898476	0.675360942	-2.3883338
##	[657,]	-0.53898284	2.2801299	0.5898476	-1.061898516	-0.4936491
##	[658,]	-0.86737664	-0.4382732	0.5898476	0.702621789	-0.4936491
##	[659,]	0.77459236	-0.4382732	0.5898476	-0.350638224	-0.4936491
##	[660,]	-0.97684124	-0.4382732	0.5898476	0.045883193	1.4010356
##	[661,]	2.30709675	2.2801299	-0.9128837	-0.053247162	-0.4936491
##	[662,]	0.66512776	-0.4382732	0.5898476	-1.550115510	-0.4936491
##	[663,]	-1.85255803	2.2801299	0.5898476	-0.749637900	1.4010356
##	[664,]	-1.74309343	2.2801299	0.5898476	1.547708059	-0.4936491
##	[665,]	-0.10112444	-0.4382732	0.5898476	1.542751541	-0.4936491
##	[666,]	1.10298615	-0.4382732	0.5898476	1.614621048	1.4010356
##	[667,]	-1.63362883	2.2801299	0.5898476	-0.459681614	-0.4936491
##	[668,]	0.44619856	2.2801299	0.5898476	0.700143530	-0.4936491
##	[669,]	-0.97684124	-0.4382732	0.5898476	0.477100233	-0.4936491
##	[670,]	0.22726936	2.2801299	0.5898476	0.791839108	-0.4936491
##	[671,]	-1.08630583	-0.4382732	0.5898476	-0.457203355	-0.4936491
##	[672,]	-0.32005364	-0.4382732	0.5898476	-0.635637993	-0.4936491
##	[673,]	0.55566316	-0.4382732	0.5898476	-0.843811736	1.4010356
##	[674,]	-0.42951824	-0.4382732	0.5898476	0.980186781	-0.4936491
##	[675,]	2.30709675	-0.4382732	0.5898476	1.163577936	-0.4936491
##	[676,]	-0.64844744	-0.4382732	0.5898476	-1.607115464	1.4010356
##	[677,]	-0.21058904	-0.4382732	0.5898476	0.829012991	-0.4936491
##	[678,]	1.32191535	-0.4382732	0.5898476	-0.682724911	-0.4936491
##	[679,]	1.21245075	-0.4382732	0.5898476	1.651794931	-0.4936491
##	[680,]	-0.64844744	-0.4382732	-2.4156151	0.955404192	1.4010356
##	[681,]	-0.10112444	-0.4382732	0.5898476	-1.522854663	-0.4936491
##	[682,]	0.11780476	-0.4382732	0.5898476	1.314751726	-0.4936491
##	[683,]	-0.53898284	-0.4382732	-2.4156151	0.945491157	-0.4936491
##	[684,]	-1.30523503	2.2801299	0.5898476	0.159883100	1.4010356

##	[685,]	0.33673396	-0.4382732	0.5898476	-0.358073001	1.4010356
##	[686,]	-1.19577043	-0.4382732	-0.9128837	1.190838784	1.4010356
##	[687,]	0.44619856	-0.4382732	0.5898476	-1.336985249	-0.4936491
##	[688,]	-0.10112444	-0.4382732	0.5898476	0.335839479	-0.4936491
##	[689,]	-1.96202263	2.2801299	0.5898476	-0.950376867	1.4010356
##	[690,]	-1.85255803	2.2801299	0.5898476	-1.669071935	-0.4936491
##	[691,]	-0.64844744	-0.4382732	0.5898476	-0.462159873	-0.4936491
##	[692,]	0.33673396	-0.4382732	-0.9128837	1.651794931	-0.4936491
##	[693,]	-0.53898284	-0.4382732	0.5898476	-0.754594418	-0.4936491
##	[694,]	-0.10112444	2.2801299	0.5898476	-0.675290134	1.4010356
##	[695,]	-0.42951824	-0.4382732	0.5898476	0.660491389	-0.4936491
##	[696,]	0.00834016	2.2801299	0.5898476	-0.439855543	1.4010356
##	[697,]	0.88405696	-0.4382732	-2.4156151	0.006231051	-0.4936491
##	[698,]	-0.86737664	-0.4382732	-0.9128837	1.490708105	1.4010356
##	[699,]	-0.21058904	-0.4382732	0.5898476	1.032230217	1.4010356
##	[700,]	1.65030915	-0.4382732	0.5898476	0.620839247	-0.4936491
##	[701,]	2.30709675	2.2801299	0.5898476	-1.272550518	-0.4936491
##	[702,]	1.75977375	-0.4382732	0.5898476	1.421316857	1.4010356
##	[703,]	-0.75791204	-0.4382732	0.5898476	-1.416289532	1.4010356
##	[704,]	0.11780476	-0.4382732	-2.4156151	-1.612071981	1.4010356
##	[705,]	-0.21058904	-0.4382732	0.5898476	0.197056983	1.4010356
##	[706,]	0.22726936	-0.4382732	0.5898476	0.249100419	1.4010356
##	[707,]	0.33673396	2.2801299	-2.4156151	1.676577519	1.4010356
##	[708,]	1.10298615	-0.4382732	-0.9128837	1.428751634	-0.4936491
##	[709,]	-0.10112444	-0.4382732	-2.4156151	1.057012805	1.4010356
##	[710,]	-0.64844744	2.2801299	-2.4156151	-1.158550611	-0.4936491
##	[711,]	-0.42951824	-0.4382732	-2.4156151	-0.199464434	1.4010356
##	[712,]	-0.86737664	2.2801299	0.5898476	0.256535195	-0.4936491
##	[713,]	-0.42951824	-0.4382732	0.5898476	-0.846289995	-0.4936491
##	[714,]	0.88405696	-0.4382732	0.5898476	0.425056797	-0.4936491
##	[715,]	1.43137995	-0.4382732	0.5898476	0.801752143	-0.4936491
##	[716,]	-0.42951824	-0.4382732	-0.9128837	0.060752746	-0.4936491
##	[717,]	0.44619856	-0.4382732	-0.9128837	0.092970111	-0.4936491
##	[718,]	-1.08630583	-0.4382732	0.5898476	0.821578214	-0.4936491
##	[719,]	0.88405696	-0.4382732	-2.4156151	-1.374159131	-0.4936491
##	[720,]	1.10298615	-0.4382732	0.5898476	0.377969879	1.4010356
##	[721,]	-0.75791204	2.2801299	0.5898476	-1.646767605	-0.4936491
##	[722,]	1.43137995	-0.4382732	0.5898476	0.338317737	-0.4936491
##	[723,]	0.11780476	-0.4382732	-0.9128837	1.458490740	-0.4936491
##	[724,]	0.99352156	-0.4382732	0.5898476	-0.586072816	-0.4936491
##	[725,]	-1.41469963	-0.4382732	0.5898476	1.000012852	-0.4936491
##	[726,]	-0.21058904	2.2801299	0.5898476	-0.447290320	-0.4936491
##	[727,]	-0.64844744	-0.4382732	-0.9128837	0.125187476	-0.4936491
##	[728,]	-2.07148723	-0.4382732	-2.4156151	-1.277507036	-0.4936491
##	[729,]	1.86923835	-0.4382732	0.5898476	1.582403683	-0.4936491
##	[730,]	-0.21058904	-0.4382732	0.5898476	-0.543942415	-0.4936491
##	[731,]	-0.75791204	-0.4382732	0.5898476	-1.609593723	-0.4936491
##	[732,]	-1.85255803	2.2801299	0.5898476	0.729882636	-0.4936491
##	[733,]	-0.75791204	2.2801299	-0.9128837	-1.718637112	-0.4936491
##	[734,]	-1.19577043	-0.4382732	0.5898476	0.653056612	-0.4936491
##	[735,]	-1.63362883	-0.4382732	0.5898476	-1.450985156	-0.4936491
##	[736,]	1.21245075	-0.4382732	0.5898476	-1.302289625	-0.4936491
##	[737,]	1.21245075	-0.4382732	0.5898476	1.369273421	-0.4936491
##	[738,]	0.44619856	-0.4382732	0.5898476	-0.628203216	-0.4936491

##	[739,]	0.22726936	-0.4382732	0.5898476	-0.833898701	-0.4936491
##	[740,]	-1.08630583	-0.4382732	0.5898476	0.625795765	-0.4936491
##	[741,]	-0.21058904	-0.4382732	0.5898476	-0.001203726	-0.4936491
##	[742,]	0.55566316	-0.4382732	0.5898476	-1.332028731	1.4010356
##	[743,]	1.43137995	-0.4382732	0.5898476	0.003752792	-0.4936491
##	[744,]	2.41656135	-0.4382732	0.5898476	-0.216812246	-0.4936491
##	[745,]	0.00834016	2.2801299	0.5898476	0.838926026	-0.4936491
##	[746,]	1.97870295	-0.4382732	-0.9128837	-1.654202382	-0.4936491
##	[747,]	0.44619856	-0.4382732	-2.4156151	-1.376637390	-0.4936491
##	[748,]	0.11780476	-0.4382732	0.5898476	0.576230587	1.4010356
##	[749,]	-1.19577043	2.2801299	-2.4156151	-1.332028731	1.4010356
##	[750,]	1.65030915	2.2801299	0.5898476	-1.329550472	1.4010356
##	[751,]	0.77459236	-0.4382732	0.5898476	1.599751495	1.4010356
##	[752,]	1.43137995	-0.4382732	-2.4156151	-1.629419793	1.4010356
##	[753,]	-0.10112444	2.2801299	0.5898476	0.204491759	-0.4936491
##	[754,]	0.22726936	-0.4382732	-0.9128837	0.353187291	-0.4936491
##	[755,]	-0.42951824	-0.4382732	-2.4156151	0.583665364	1.4010356
##	[756,]	0.88405696	-0.4382732	0.5898476	1.069404100	1.4010356
##	[757,]	-0.53898284	-0.4382732	-2.4156151	0.759621743	-0.4936491
##	[758,]	-0.32005364	-0.4382732	0.5898476	-1.453463415	1.4010356
##	[759,]	2.41656135	-0.4382732	0.5898476	0.710056566	1.4010356
##	[760,]	0.88405696	-0.4382732	0.5898476	-0.035899350	-2.3883338
##	[761,]	1.75977375	-0.4382732	-0.9128837	-1.681463229	1.4010356
##	[762,]	-0.10112444	2.2801299	0.5898476	-0.353116483	-0.4936491
##	[763,]	-1.19577043	2.2801299	-0.9128837	-1.141202799	-0.4936491
##	[764,]	-0.32005364	-0.4382732	0.5898476	1.314751726	1.4010356
##	[765,]	-0.97684124	-0.4382732	0.5898476	0.846360803	1.4010356
##	[766,]	0.11780476	-0.4382732	-0.9128837	0.950447675	-0.4936491
##	[767,]	1.43137995	-0.4382732	0.5898476	1.639403636	-0.4936491
##	[768,]	0.00834016	-0.4382732	0.5898476	-1.681463229	-0.4936491
##	[769,]	0.33673396	-0.4382732	0.5898476	-1.245289671	1.4010356
##	[770,]	-1.19577043	-0.4382732	-0.9128837	0.293709078	-0.4936491
##	[771,]	0.99352156	-0.4382732	0.5898476	-0.923116020	-0.4936491
##	[772,]	1.86923835	-0.4382732	0.5898476	0.692708754	1.4010356
##	[773,]	2.08816755	-0.4382732	-0.9128837	1.084273653	-0.4936491
##	[774,]	-0.10112444	-0.4382732	0.5898476	-0.016073279	-0.4936491
##	[775,]	1.97870295	-0.4382732	-2.4156151	-0.888420396	-0.4936491
##	[776,]	0.66512776	-0.4382732	0.5898476	-0.960289903	1.4010356
##	[777,]	-1.85255803	2.2801299	-0.9128837	-0.082986268	1.4010356
##	[778,]	-1.74309343	2.2801299	0.5898476	1.317229985	-0.4936491
##	[779,]	0.99352156	-0.4382732	0.5898476	0.496926304	-0.4936491
##	[780,]	1.54084455	2.2801299	0.5898476	1.289969138	-0.4936491
##	[781,]	-0.97684124	2.2801299	-2.4156151	1.396534268	-0.4936491
##	[782,]	-1.19577043	-0.4382732	0.5898476	-1.512941627	-0.4936491
##	[783,]	-0.75791204	-0.4382732	0.5898476	0.925665086	-0.4936491
##	[784,]	0.44619856	-0.4382732	0.5898476	-0.727333570	-0.4936491
##	[785,]	0.11780476	-0.4382732	0.5898476	-1.170941905	-0.4936491
##	[786,]	0.33673396	-0.4382732	0.5898476	1.708794884	-0.4936491
##	[787,]	-1.08630583	-0.4382732	-2.4156151	1.175969230	-0.4936491
##	[788,]	1.97870295	-0.4382732	-0.9128837	0.715013083	-0.4936491
##	[789,]	-0.97684124	-0.4382732	0.5898476	0.135100511	-0.4936491
##	[790,]	0.77459236	2.2801299	0.5898476	1.421316857	-2.3883338
##	[791,]	-0.42951824	-0.4382732	0.5898476	-0.367986036	-0.4936491
##	[792,]	-0.21058904	2.2801299	0.5898476	0.995056334	1.4010356

##	[793,]	-0.42951824	2.2801299	-0.9128837	0.060752746	-0.4936491
##	[794,]	-0.97684124	-0.4382732	0.5898476	0.229274348	-0.4936491
##	[795,]	-0.32005364	-0.4382732	-0.9128837	-0.457203355	-0.4936491
##	[796,]	0.00834016	-0.4382732	0.5898476	-1.222985341	1.4010356
##	[797,]	-1.30523503	2.2801299	0.5898476	1.032230217	-0.4936491
##	[798,]	-1.19577043	2.2801299	0.5898476	1.307316950	-0.4936491
##	[799,]	-0.42951824	2.2801299	0.5898476	0.531621928	-0.4936491
##	[800,]	0.55566316	-0.4382732	0.5898476	-0.826463924	-0.4936491
##	[801,]	-0.97684124	2.2801299	-0.9128837	0.511795857	-0.4936491
##	[802,]	1.43137995	2.2801299	-0.9128837	0.387882915	1.4010356
##	[803,]	-0.42951824	-0.4382732	-0.9128837	0.415143762	1.4010356
##	[804,]	-0.32005364	-0.4382732	-2.4156151	-0.261420906	-0.4936491
##	[805,]	1.21245075	-0.4382732	-2.4156151	1.138795348	-0.4936491
##	[806,]	0.88405696	-0.4382732	-2.4156151	0.613404470	1.4010356
##	[807,]	1.65030915	-0.4382732	0.5898476	0.474621974	-0.4936491
##	[808,]	0.11780476	-0.4382732	0.5898476	-0.080508009	1.4010356
##	[809,]	-0.86737664	-0.4382732	0.5898476	0.754665225	-0.4936491
##	[810,]	-0.97684124	-0.4382732	0.5898476	0.365578585	-0.4936491
##	[811,]	0.99352156	-0.4382732	0.5898476	-0.982594232	1.4010356
##	[812,]	0.11780476	-0.4382732	0.5898476	-1.666593676	1.4010356
##	[813,]	0.66512776	-0.4382732	-0.9128837	0.692708754	-0.4936491
##	[814,]	0.22726936	2.2801299	-0.9128837	-1.485680780	-0.4936491
##	[815,]	0.33673396	-0.4382732	0.5898476	1.252795255	-0.4936491
##	[816,]	-1.74309343	-0.4382732	0.5898476	0.449839386	-0.4936491
##	[817,]	0.22726936	-0.4382732	-2.4156151	-0.900811690	-0.4936491
##	[818,]	-0.10112444	-0.4382732	-2.4156151	-1.450985156	-0.4936491
##	[819,]	-0.64844744	-0.4382732	-0.9128837	-0.023508055	1.4010356
##	[820,]	-0.97684124	-0.4382732	0.5898476	1.607186271	-0.4936491
##	[821,]	-0.21058904	-0.4382732	-0.9128837	0.940534639	1.4010356
##	[822,]	1.32191535	-0.4382732	0.5898476	-1.557550287	1.4010356
##	[823,]	-0.32005364	-0.4382732	-0.9128837	0.496926304	-0.4936491
##	[824,]	-0.86737664	-0.4382732	-0.9128837	-0.774420488	-0.4936491
##	[825,]	0.55566316	-0.4382732	0.5898476	-1.522854663	-0.4936491
##	[826,]	-0.86737664	-0.4382732	0.5898476	-0.209377470	-0.4936491
##	[827,]	0.11780476	-0.4382732	0.5898476	-0.915681243	-2.3883338
##	[828,]	-0.97684124	-0.4382732	-0.9128837	-0.073073233	-0.4936491
##	[829,]	-2.07148723	2.2801299	-2.4156151	-1.376637390	-0.4936491
##	[830,]	-0.42951824	2.2801299	0.5898476	-0.494377238	1.4010356
##	[831,]	0.44619856	-0.4382732	0.5898476	-1.574898099	-0.4936491
##	[832,]	-0.64844744	2.2801299	-0.9128837	0.177230912	-0.4936491
##	[833,]	0.00834016	-0.4382732	0.5898476	-1.079246328	-0.4936491
##	[834,]	-1.08630583	-0.4382732	0.5898476	-1.495593815	-0.4936491
##	[835,]	-0.32005364	-0.4382732	0.5898476	1.480795070	1.4010356
##	[836,]	-0.21058904	-0.4382732	0.5898476	-0.680246652	-2.3883338
##	[837,]	-0.86737664	2.2801299	0.5898476	-0.977637715	1.4010356
##	[838,]	0.33673396	-0.4382732	-0.9128837	-0.519159826	-0.4936491
##	[839,]	0.55566316	2.2801299	-0.9128837	-0.796724818	1.4010356
##	[840,]	0.55566316	-0.4382732	0.5898476	-0.385333848	1.4010356
##	[841,]	-0.21058904	-0.4382732	0.5898476	0.444882868	-0.4936491
##	[842,]	-1.41469963	-0.4382732	0.5898476	-0.806637854	-0.4936491
##	[843,]	-0.97684124	2.2801299	0.5898476	1.691447072	-0.4936491
##	[844,]	-1.19577043	-0.4382732	0.5898476	1.441142928	-0.4936491
##	[845,]	-0.75791204	-0.4382732	0.5898476	0.122709217	1.4010356
##	[846,]	0.33673396	-0.4382732	-0.9128837	0.246622160	-0.4936491

##	[847,]	-0.21058904	-0.4382732	0.5898476	0.040926675	-0.4936491
##	[848,]	-0.32005364	-0.4382732	-0.9128837	-0.330812153	-0.4936491
##	[849,]	-0.21058904	-0.4382732	-0.9128837	-0.412594696	-0.4936491
##	[850,]	0.66512776	2.2801299	0.5898476	1.411403822	1.4010356
##	[851,]	-0.53898284	-0.4382732	-2.4156151	0.147491806	1.4010356
##	[852,]	2.08816755	-0.4382732	0.5898476	-0.209377470	-0.4936491
##	[853,]	-0.86737664	-0.4382732	0.5898476	1.483273328	-0.4936491
##	[854,]	-1.96202263	-0.4382732	0.5898476	-0.390290366	-0.4936491
##	[855,]	0.88405696	-0.4382732	0.5898476	1.622055824	-0.4936491
##	[856,]	0.00834016	-0.4382732	0.5898476	0.432491574	-0.4936491
##	[857,]	-1.85255803	-0.4382732	0.5898476	0.006231051	-0.4936491
##	[858,]	0.77459236	2.2801299	0.5898476	0.729882636	-0.4936491
##	[859,]	1.75977375	-0.4382732	0.5898476	1.042143252	-0.4936491
##	[860,]	-0.86737664	-0.4382732	0.5898476	0.345752514	-0.4936491
##	[861,]	-1.63362883	2.2801299	-0.9128837	1.123925794	-0.4936491
##	[862,]	0.99352156	-0.4382732	0.5898476	1.485751587	1.4010356
##	[863,]	0.77459236	-0.4382732	-2.4156151	-1.713680595	-0.4936491
##	[864,]	-0.42951824	-0.4382732	0.5898476	-1.624463276	-2.3883338
##	[865,]	0.44619856	2.2801299	-2.4156151	0.256535195	-0.4936491
##	[866,]	-0.75791204	-0.4382732	0.5898476	1.304838691	1.4010356
##	[867,]	0.33673396	-0.4382732	-0.9128837	0.945491157	1.4010356
##	[868,]	1.43137995	-0.4382732	-0.9128837	1.532838506	-0.4936491
##	[869,]	-0.97684124	-0.4382732	0.5898476	0.933099863	-0.4936491
##	[870,]	0.99352156	-0.4382732	0.5898476	1.604708012	-0.4936491
##	[871,]	-0.21058904	-0.4382732	0.5898476	1.384142974	1.4010356
##	[872,]	-1.41469963	2.2801299	0.5898476	0.449839386	-0.4936491
##	[873,]	-0.42951824	-0.4382732	-0.9128837	0.851317320	1.4010356
##	[874,]	-0.10112444	-0.4382732	0.5898476	0.283796043	-0.4936491
##	[875,]	-0.75791204	-0.4382732	0.5898476	0.125187476	-0.4936491
##	[876,]	0.77459236	-0.4382732	0.5898476	-1.493115556	-0.4936491
##	[877,]	-1.85255803	-0.4382732	0.5898476	-0.367986036	1.4010356
##	[878,]	0.99352156	-0.4382732	0.5898476	-1.617028499	-0.4936491
##	[879,]	0.55566316	-0.4382732	-2.4156151	-1.545158992	-2.3883338
##	[880,]	2.52602595	-0.4382732	0.5898476	-0.263899164	1.4010356
##	[881,]	-0.53898284	-0.4382732	-0.9128837	-1.701289300	-0.4936491
##	[882,]	-0.53898284	-0.4382732	-0.9128837	1.272621326	-0.4936491
##	[883,]	-0.10112444	-0.4382732	0.5898476	-1.089159363	-0.4936491
##	[884,]	-0.42951824	-0.4382732	0.5898476	-1.698811041	-0.4936491
##	[885,]	0.33673396	-0.4382732	0.5898476	-1.723593630	1.4010356
##	[886,]	-1.30523503	-0.4382732	0.5898476	1.371751680	1.4010356
##	[887,]	-0.75791204	-0.4382732	0.5898476	1.641881895	-0.4936491
##	[888,]	0.55566316	-0.4382732	-0.9128837	-0.853724772	-0.4936491
##	[889,]	-0.21058904	-0.4382732	-2.4156151	1.014882405	1.4010356
##	[890,]	-1.08630583	-0.4382732	0.5898476	0.744752190	-0.4936491
##	[891,]	1.86923835	-0.4382732	-0.9128837	0.405230726	-0.4936491
##	[892,]	0.77459236	-0.4382732	0.5898476	0.779447814	-0.4936491
##	[893,]	-1.96202263	2.2801299	-2.4156151	-0.739724865	-0.4936491
##	[894,]	-0.86737664	-0.4382732	0.5898476	0.514274116	-0.4936491
##	[895,]	1.86923835	-0.4382732	0.5898476	-0.291160012	-0.4936491
##	[896,]	-0.64844744	-0.4382732	0.5898476	1.312273467	-0.4936491
##	[897,]	-0.64844744	-0.4382732	0.5898476	0.643143577	-0.4936491
##	[898,]	2.41656135	-0.4382732	0.5898476	-1.180854941	1.4010356
##	[899,]	0.66512776	-0.4382732	0.5898476	0.291230819	-0.4936491
##	[900,]	1.32191535	-0.4382732	0.5898476	0.732360895	-0.4936491

##	[901,]	-0.10112444	-0.4382732	-0.9128837	-0.826463924	-0.4936491
##	[902,]	1.21245075	-0.4382732	0.5898476	0.412665503	-0.4936491
##	[903,]	-1.08630583	-0.4382732	0.5898476	0.903360756	-0.4936491
##	[904,]	-0.86737664	-0.4382732	0.5898476	1.304838691	-0.4936491
##	[905,]	1.21245075	-0.4382732	0.5898476	-0.216812246	-0.4936491
##	[906,]	-0.86737664	-0.4382732	0.5898476	-0.268855682	-0.4936491
##	[907,]	-0.32005364	-0.4382732	0.5898476	1.282534361	-0.4936491
##	[908,]	0.77459236	-0.4382732	0.5898476	0.734839154	1.4010356
##	[909,]	-0.42951824	-0.4382732	0.5898476	-0.660420581	1.4010356
##	[910,]	-1.96202263	-0.4382732	0.5898476	-1.332028731	-0.4936491
##	[911,]	-1.52416423	-0.4382732	0.5898476	-1.064376775	-0.4936491
##	[912,]	-1.30523503	2.2801299	-0.9128837	-0.504290273	1.4010356
##	[913,]	-1.19577043	-0.4382732	0.5898476	-0.543942415	-0.4936491
##	[914,]	0.88405696	2.2801299	0.5898476	1.602229753	1.4010356
##	[915,]	1.97870295	-0.4382732	-2.4156151	-1.550115510	-0.4936491
##	[916,]	-1.74309343	2.2801299	-0.9128837	-1.366724355	-0.4936491
##	[917,]	0.99352156	-0.4382732	0.5898476	-1.572419840	1.4010356
##	[918,]	-0.32005364	-0.4382732	0.5898476	-1.664115417	1.4010356
##	[919,]	1.54084455	-0.4382732	-0.9128837	-1.401419979	1.4010356
##	[920,]	2.41656135	-0.4382732	0.5898476	1.552664576	-0.4936491
##	[921,]	-0.32005364	-0.4382732	-0.9128837	-1.654202382	-0.4936491
##	[922,]	-0.97684124	-0.4382732	-0.9128837	-0.028464573	-0.4936491
##	[923,]	0.77459236	-0.4382732	0.5898476	0.982665040	-0.4936491
##	[924,]	-0.32005364	-0.4382732	-0.9128837	-0.382855589	-2.3883338
##	[925,]	-0.21058904	-0.4382732	0.5898476	-0.167247069	-0.4936491
##	[926,]	0.55566316	-0.4382732	0.5898476	-0.494377238	-0.4936491
##	[927,]	0.66512776	-0.4382732	0.5898476	-0.672811875	1.4010356
##	[928,]	-0.10112444	-0.4382732	0.5898476	-0.925594279	-0.4936491
##	[929,]	0.77459236	2.2801299	0.5898476	-0.449768578	-0.4936491
##	[930,]	-0.97684124	-0.4382732	-0.9128837	-1.510463368	-0.4936491
##	[931,]	1.54084455	-0.4382732	-0.9128837	0.410187244	-0.4936491
##	[932,]	-0.75791204	-0.4382732	-2.4156151	0.189622206	-0.4936491
##	[933,]	-0.86737664	2.2801299	0.5898476	0.008709310	-0.4936491
##	[934,]	-0.97684124	-0.4382732	0.5898476	-0.402681660	-0.4936491
##	[935,]	-1.30523503	-0.4382732	0.5898476	-1.329550472	-0.4936491
##	[936,]	-0.53898284	-0.4382732	0.5898476	-0.491898979	1.4010356
##	[937,]	0.88405696	-0.4382732	-0.9128837	-1.086681104	-0.4936491
##	[938,]	0.22726936	-0.4382732	0.5898476	-0.967724679	-0.4936491
##	[939,]	2.30709675	-0.4382732	0.5898476	0.112796182	-0.4936491
##	[940,]	-0.53898284	2.2801299	0.5898476	0.710056566	-0.4936491
##	[941,]	0.22726936	2.2801299	0.5898476	-1.096594140	-0.4936491
##	[942,]	-0.75791204	-0.4382732	0.5898476	0.831491250	-0.4936491
##	[943,]	-0.10112444	-0.4382732	0.5898476	-1.183333200	-0.4936491
##	[944,]	0.99352156	-0.4382732	0.5898476	0.467187198	-2.3883338
##	[945,]	-0.97684124	-0.4382732	-2.4156151	1.669142743	-0.4936491
##	[946,]	1.43137995	-0.4382732	0.5898476	1.287490879	-0.4936491
##	[947,]	0.33673396	2.2801299	0.5898476	-1.247767930	1.4010356
##	[948,]	1.65030915	2.2801299	0.5898476	0.563839293	1.4010356
##	[949,]	-0.75791204	-0.4382732	0.5898476	-0.417551213	-0.4936491
##	[950,]	0.22726936	-0.4382732	0.5898476	-0.690159687	-0.4936491
##	[951,]	-0.64844744	-0.4382732	-2.4156151	-0.534029380	1.4010356
##	[952,]	0.44619856	-0.4382732	-2.4156151	-1.354333061	1.4010356
##	[953,]	-0.64844744	2.2801299	-0.9128837	0.638187059	1.4010356
##	[954,]	0.77459236	2.2801299	0.5898476	0.328404702	-0.4936491

##	[955,]	0.55566316	-0.4382732	-2.4156151	-0.762029194	-0.4936491
##	[956,]	1.97870295	-0.4382732	0.5898476	-1.289898330	-0.4936491
##	[957,]	2.08816755	-0.4382732	0.5898476	-1.478246003	-2.3883338
##	[958,]	0.33673396	-0.4382732	-2.4156151	-0.853724772	-0.4936491
##	[959,]	-0.32005364	-0.4382732	0.5898476	0.348230773	-0.4936491
##	[960,]	0.33673396	-0.4382732	0.5898476	-0.692637946	-0.4936491
##	[961,]	0.44619856	-0.4382732	-0.9128837	0.534100187	1.4010356
##	[962,]	-0.21058904	-0.4382732	-0.9128837	-0.794246559	-0.4936491
##	[963,]	1.54084455	-0.4382732	0.5898476	-0.080508009	-2.3883338
##	[964,]	0.11780476	-0.4382732	0.5898476	0.511795857	1.4010356
##	[965,]	-0.32005364	-0.4382732	0.5898476	-0.732290088	1.4010356
##	[966,]	-1.30523503	-0.4382732	0.5898476	0.197056983	-0.4936491
##	[967,]	2.30709675	2.2801299	0.5898476	-0.499333756	-0.4936491
##	[968,]	0.33673396	-0.4382732	0.5898476	-1.173420164	-0.4936491
##	[969,]	-0.10112444	-0.4382732	-0.9128837	-0.484464202	1.4010356
##	[970,]	1.21245075	-0.4382732	0.5898476	0.130143994	-0.4936491
##	[971,]	-1.08630583	-0.4382732	0.5898476	1.210664854	1.4010356
##	[972,]	1.54084455	-0.4382732	0.5898476	1.493186364	-0.4936491
##	[973,]	-2.07148723	-0.4382732	-2.4156151	0.796795626	-0.4936491
##	[974,]	-0.21058904	-0.4382732	0.5898476	0.035970157	-0.4936491
##	[975,]	-1.08630583	-0.4382732	-0.9128837	-0.023508055	1.4010356
##	[976,]	1.97870295	2.2801299	0.5898476	-1.327072213	1.4010356
##	[977,]	2.08816755	-0.4382732	0.5898476	1.403969045	-0.4936491
##	[978,]	-0.32005364	-0.4382732	-2.4156151	0.487013269	-0.4936491
##	[979,]	0.33673396	-0.4382732	0.5898476	0.990099816	-0.4936491
##	[980,]	-0.32005364	-0.4382732	0.5898476	-1.282463554	-0.4936491
##	[981,]	-0.64844744	2.2801299	-0.9128837	-0.246551352	1.4010356
##	[982,]	-0.21058904	2.2801299	-0.9128837	-0.348159965	1.4010356
##	[983,]	0.11780476	-0.4382732	-0.9128837	-0.271333941	-0.4936491
##	[984,]	-0.32005364	-0.4382732	0.5898476	-0.987550750	-0.4936491
##	[985,]	-0.97684124	-0.4382732	0.5898476	-0.164768810	1.4010356
##	[986,]	-0.64844744	2.2801299	0.5898476	-1.170941905	-0.4936491
##	[987,]	0.22726936	-0.4382732	0.5898476	1.723664437	1.4010356
##	[988,]	1.54084455	-0.4382732	-0.9128837	-0.648029287	1.4010356
##	[989,]	0.44619856	-0.4382732	-0.9128837	0.985143299	-0.4936491
##	[990,]	0.00834016	-0.4382732	0.5898476	1.577447165	-0.4936491
##	[991,]	-0.42951824	-0.4382732	-0.9128837	0.764578260	1.4010356
##	[992,]	-0.53898284	-0.4382732	0.5898476	-0.752116159	1.4010356
##	[993,]	0.22726936	-0.4382732	-2.4156151	1.691447072	-0.4936491
##	[994,]	-1.30523503	-0.4382732	0.5898476	1.411403822	1.4010356
##	[995,]	1.65030915	-0.4382732	-0.9128837	-1.190767976	-0.4936491
##	[996,]	0.66512776	-0.4382732	0.5898476	0.316013408	-0.4936491
##	[997,]	-1.08630583	-0.4382732	0.5898476	-1.480724262	1.4010356
##	[998,]	-1.08630583	2.2801299	0.5898476	-1.654202382	-0.4936491
##	[999,]	-1.19577043	-0.4382732	0.5898476	-0.296116529	-0.4936491
##	[1000,]	0.55566316	-0.4382732	0.5898476	0.853795579	-2.3883338
##	[1001,]	1.65030915	-0.4382732	0.5898476	-1.349376543	-0.4936491
##	[1002,]	0.00834016	-0.4382732	0.5898476	1.634447119	-0.4936491
##	[1003,]	-0.21058904	-0.4382732	-0.9128837	-1.493115556	-0.4936491
##	[1004,]	-1.30523503	-0.4382732	0.5898476	0.363100326	-0.4936491
##	[1005,]	-1.19577043	-0.4382732	0.5898476	-0.372942554	-0.4936491
##	[1006,]	-0.86737664	-0.4382732	0.5898476	-1.165985388	-2.3883338
##	[1007,]	1.32191535	2.2801299	-0.9128837	1.666664484	-0.4936491
##	[1008,]	-0.86737664	2.2801299	-0.9128837	-1.153594093	-0.4936491

## [1009,]	1.86923835	-0.4382732	0.5898476	0.417622021	-0.4936491
## [1010,]	2.30709675	-0.4382732	0.5898476	0.625795765	-0.4936491
## [1011,]	1.97870295	-0.4382732	0.5898476	0.826534732	-0.4936491
## [1012,]	-0.10112444	-0.4382732	0.5898476	0.920708568	1.4010356
## [1013,]	-0.64844744	2.2801299	-0.9128837	-0.335768671	1.4010356
## [1014,]	-0.75791204	-0.4382732	0.5898476	0.130143994	1.4010356
## [1015,]	-0.64844744	-0.4382732	0.5898476	-1.537724216	-0.4936491
## [1016,]	-0.32005364	-0.4382732	-0.9128837	-0.600942369	-0.4936491
## [1017,]	-0.64844744	2.2801299	0.5898476	-1.488159039	-0.4936491
## [1018,]	-1.08630583	-0.4382732	0.5898476	1.423795116	-0.4936491
## [1019,]	-0.10112444	-0.4382732	0.5898476	-1.562506804	-0.4936491
## [1020,]	-0.10112444	-0.4382732	0.5898476	-1.173420164	1.4010356
## [1021,]	1.10298615	-0.4382732	0.5898476	-0.836376960	-0.4936491
## [1022,]	-1.30523503	2.2801299	0.5898476	-1.039594186	1.4010356
## [1023,]	0.00834016	-0.4382732	-2.4156151	1.513012435	-0.4936491
## [1024,]	2.08816755	-0.4382732	0.5898476	1.121447536	-0.4936491
## [1025,]	1.10298615	-0.4382732	0.5898476	-1.099072398	-0.4936491
## [1026,]	-1.41469963	-0.4382732	0.5898476	1.669142743	1.4010356
## [1027,]	-0.53898284	-0.4382732	0.5898476	-0.499333756	1.4010356
## [1028,]	-0.32005364	-0.4382732	0.5898476	-0.994985527	-0.4936491
## [1029,]	0.44619856	-0.4382732	0.5898476	1.190838784	-0.4936491
## [1030,]	0.33673396	-0.4382732	-2.4156151	-0.345681707	-0.4936491
## [1031,]	-0.64844744	-0.4382732	0.5898476	-1.180854941	1.4010356
## [1032,]	0.99352156	2.2801299	0.5898476	-1.054463739	1.4010356
## [1033,]	0.22726936	2.2801299	-2.4156151	-0.521638085	-0.4936491
## [1034,]	-0.64844744	2.2801299	-0.9128837	1.592316718	-0.4936491
## [1035,]	0.88405696	-0.4382732	0.5898476	0.583665364	-0.4936491
## [1036,]	-0.64844744	-0.4382732	0.5898476	1.475838552	-2.3883338
## [1037,]	-0.64844744	2.2801299	-0.9128837	-0.692637946	-0.4936491
## [1038,]	0.88405696	-0.4382732	0.5898476	1.599751495	-0.4936491
## [1039,]	1.21245075	-0.4382732	0.5898476	1.037186735	1.4010356
## [1040,]	-0.32005364	2.2801299	0.5898476	0.754665225	-2.3883338
## [1041,]	0.33673396	-0.4382732	-2.4156151	-1.448506897	-0.4936491
## [1042,]	-0.97684124	-0.4382732	0.5898476	0.157404841	1.4010356
## [1043,]	0.77459236	-0.4382732	-2.4156151	0.442404609	-0.4936491
## [1044,]	1.75977375	-0.4382732	0.5898476	-0.880985619	-0.4936491
## [1045,]	1.32191535	-0.4382732	0.5898476	1.716229661	-0.4936491
## [1046,]	0.33673396	-0.4382732	0.5898476	0.231752607	-0.4936491
## [1047,]	0.77459236	-0.4382732	0.5898476	1.646838413	-0.4936491
## [1048,]	-0.42951824	-0.4382732	-0.9128837	-0.923116020	1.4010356
## [1049,]	-0.32005364	-0.4382732	0.5898476	1.297403914	1.4010356
## [1050,]	-0.75791204	-0.4382732	0.5898476	1.376708198	1.4010356
## [1051,]	0.55566316	-0.4382732	-0.9128837	-0.135029704	-0.4936491
## [1052,]	0.77459236	-0.4382732	-0.9128837	-1.039594186	1.4010356
## [1053,]	-0.75791204	-0.4382732	-2.4156151	0.464708939	-0.4936491
## [1054,]	2.19763215	-0.4382732	0.5898476	-0.985072491	-0.4936491
## [1055,]	1.32191535	-0.4382732	0.5898476	1.703838366	-0.4936491
## [1056,]	-0.32005364	-0.4382732	-0.9128837	0.065709263	-0.4936491
## [1057,]	-0.97684124	2.2801299	-0.9128837	1.718707920	1.4010356
## [1058,]	-0.86737664	2.2801299	-0.9128837	-1.703767559	1.4010356
## [1059,]	-0.32005364	2.2801299	0.5898476	-0.030942832	1.4010356
## [1060,]	-0.21058904	-0.4382732	0.5898476	-0.353116483	1.4010356
## [1061,]	-1.41469963	2.2801299	-0.9128837	-1.044550704	-0.4936491
## [1062,]	-1.41469963	-0.4382732	-2.4156151	0.068187522	1.4010356

## [1063,]	0.77459236	-0.4382732	-0.9128837	0.967795487	-0.4936491
## [1064,]	-0.86737664	-0.4382732	0.5898476	1.099143206	1.4010356
## [1065,]	-0.75791204	-0.4382732	0.5898476	-1.170941905	-2.3883338
## [1066,]	1.97870295	-0.4382732	0.5898476	1.057012805	-0.4936491
## [1067,]	-0.42951824	-0.4382732	0.5898476	0.734839154	-0.4936491
## [1068,]	1.10298615	-0.4382732	0.5898476	-0.573681521	1.4010356
## [1069,]	-0.97684124	2.2801299	-0.9128837	-1.272550518	-0.4936491
## [1070,]	-0.97684124	-0.4382732	0.5898476	1.537795023	-0.4936491
## [1071,]	-0.97684124	-0.4382732	-0.9128837	-0.831420442	1.4010356
## [1072,]	1.32191535	-0.4382732	0.5898476	-1.317159178	-0.4936491
## [1073,]	-0.86737664	-0.4382732	-0.9128837	-0.972681197	-0.4936491
## [1074,]	-0.97684124	-0.4382732	0.5898476	0.695187013	-0.4936491
## [1075,]	-0.42951824	-0.4382732	0.5898476	-0.709985758	-0.4936491
## [1076,]	-0.53898284	-0.4382732	0.5898476	-0.762029194	-0.4936491
## [1077,]	1.86923835	-0.4382732	-0.9128837	0.613404470	-0.4936491
## [1078,]	-0.86737664	2.2801299	0.5898476	-1.433637344	-0.4936491
## [1079,]	0.77459236	-0.4382732	0.5898476	-1.651724123	-0.4936491
## [1080,]	0.22726936	-0.4382732	0.5898476	0.710056566	-0.4936491
## [1081,]	0.99352156	-0.4382732	0.5898476	-1.423724308	1.4010356
## [1082,]	-0.21058904	-0.4382732	0.5898476	0.561361034	-0.4936491
## [1083,]	-1.52416423	-0.4382732	0.5898476	-0.732290088	-0.4936491
## [1084,]	0.33673396	2.2801299	0.5898476	-0.313464341	-0.4936491
## [1085,]	-0.32005364	-0.4382732	0.5898476	0.417622021	1.4010356
## [1086,]	-0.64844744	2.2801299	-0.9128837	-0.598464110	-0.4936491
## [1087,]	1.43137995	-0.4382732	-0.9128837	-1.163507129	-0.4936491
## [1088,]	-0.32005364	-0.4382732	0.5898476	1.579925424	1.4010356
## [1089,]	0.55566316	-0.4382732	0.5898476	1.009925887	-0.4936491
## [1090,]	0.00834016	-0.4382732	0.5898476	-0.318420859	-0.4936491
## [1091,]	-0.86737664	-0.4382732	0.5898476	-0.895855172	-0.4936491
## [1092,]	-0.42951824	-0.4382732	0.5898476	-0.563768486	-0.4936491
## [1093,]	0.88405696	-0.4382732	0.5898476	0.365578585	-0.4936491
## [1094,]	0.55566316	-0.4382732	-0.9128837	-1.275028777	-0.4936491
## [1095,]	0.33673396	-0.4382732	0.5898476	1.337056056	1.4010356
## [1096,]	-0.42951824	-0.4382732	0.5898476	-0.529072862	-0.4936491
## [1097,]	0.33673396	-0.4382732	0.5898476	0.236709124	-2.3883338
## [1098,]	-1.41469963	-0.4382732	0.5898476	-1.121376728	-0.4936491
## [1099,]	0.33673396	-0.4382732	-2.4156151	0.841404285	-0.4936491
## [1100,]	0.88405696	-0.4382732	0.5898476	-0.655464063	-0.4936491
## [1101,]	-0.21058904	-0.4382732	0.5898476	1.485751587	1.4010356
## [1102,]	-0.53898284	-0.4382732	0.5898476	0.053317969	-0.4936491
## [1103,]	-0.10112444	-0.4382732	0.5898476	0.878578168	1.4010356
## [1104,]	1.21245075	-0.4382732	0.5898476	-0.769463971	1.4010356
## [1105,]	-0.86737664	-0.4382732	0.5898476	-0.506768532	-0.4936491
## [1106,]	-0.42951824	-0.4382732	0.5898476	1.089230170	1.4010356
## [1107,]	-0.75791204	2.2801299	0.5898476	-0.154855775	1.4010356
## [1108,]	0.11780476	-0.4382732	-0.9128837	0.211926536	-2.3883338
## [1109,]	-0.21058904	-0.4382732	0.5898476	0.469665457	-0.4936491
## [1110,]	-0.75791204	-0.4382732	0.5898476	1.203230078	1.4010356
## [1111,]	-0.21058904	2.2801299	0.5898476	-1.731028407	-0.4936491
## [1112,]	1.75977375	2.2801299	0.5898476	-0.484464202	-0.4936491
## [1113,]	0.11780476	2.2801299	0.5898476	0.249100419	-0.4936491
## [1114,]	-0.53898284	-0.4382732	-2.4156151	0.985143299	-0.4936491
## [1115,]	1.21245075	-0.4382732	0.5898476	0.757143484	-0.4936491
## [1116,]	-0.32005364	-0.4382732	0.5898476	-0.801681336	-0.4936491

## [1117,]	1.97870295	-0.4382732	0.5898476	-0.291160012	1.4010356
## [1118,]	-0.32005364	-0.4382732	0.5898476	1.359360386	-0.4936491
## [1119,]	-1.19577043	-0.4382732	0.5898476	-0.814072630	-0.4936491
## [1120,]	0.11780476	-0.4382732	0.5898476	1.096664947	1.4010356
## [1121,]	0.11780476	-0.4382732	0.5898476	-0.905768208	1.4010356
## [1122,]	-0.10112444	-0.4382732	0.5898476	0.202013500	1.4010356
## [1123,]	-0.86737664	-0.4382732	0.5898476	1.406447304	-0.4936491
## [1124,]	-0.21058904	-0.4382732	0.5898476	-0.328333895	-0.4936491
## [1125,]	0.22726936	-0.4382732	0.5898476	1.634447119	1.4010356
## [1126,]	-0.86737664	-0.4382732	-0.9128837	0.477100233	-0.4936491
## [1127,]	1.43137995	-0.4382732	0.5898476	-1.334506990	1.4010356
## [1128,]	-1.52416423	-0.4382732	0.5898476	0.432491574	-0.4936491
## [1129,]	-0.10112444	-0.4382732	-0.9128837	1.237925702	-0.4936491
## [1130,]	0.55566316	-0.4382732	0.5898476	0.635708800	-0.4936491
## [1131,]	-0.21058904	-0.4382732	0.5898476	-0.130073186	-0.4936491
## [1132,]	-0.32005364	-0.4382732	-0.9128837	-0.370464295	-0.4936491
## [1133,]	0.33673396	-0.4382732	0.5898476	-1.696332783	1.4010356
## [1134,]	0.66512776	-0.4382732	0.5898476	0.464708939	-0.4936491
## [1135,]	-0.21058904	-0.4382732	0.5898476	1.354403868	-0.4936491
## [1136,]	0.99352156	-0.4382732	0.5898476	-0.593507592	1.4010356
## [1137,]	-0.97684124	2.2801299	0.5898476	-1.173420164	-0.4936491
## [1138,]	-1.63362883	-0.4382732	-2.4156151	-0.856203031	-0.4936491
## [1139,]	1.43137995	-0.4382732	-0.9128837	1.069404100	-0.4936491
## [1140,]	-0.53898284	-0.4382732	0.5898476	-0.417551213	-0.4936491
## [1141,]	0.77459236	-0.4382732	0.5898476	1.265186549	-0.4936491
## [1142,]	-0.75791204	-0.4382732	0.5898476	-1.391506943	-0.4936491
## [1143,]	0.88405696	-0.4382732	0.5898476	0.526665410	-0.4936491
## [1144,]	0.88405696	-0.4382732	-2.4156151	-1.156072352	1.4010356
## [1145,]	-0.64844744	-0.4382732	-0.9128837	-0.216812246	1.4010356
## [1146,]	-0.10112444	-0.4382732	0.5898476	-0.603420627	-0.4936491
## [1147,]	-0.32005364	-0.4382732	-0.9128837	-0.933029055	-0.4936491
## [1148,]	1.32191535	-0.4382732	0.5898476	-0.199464434	-0.4936491
## [1149,]	0.22726936	-0.4382732	0.5898476	1.448577704	-0.4936491
## [1150,]	-1.08630583	-0.4382732	0.5898476	1.237925702	-0.4936491
## [1151,]	-0.21058904	-0.4382732	0.5898476	0.040926675	-0.4936491
## [1152,]	-0.97684124	-0.4382732	0.5898476	-0.551377192	-0.4936491
## [1153,]	-1.74309343	-0.4382732	0.5898476	-0.635637993	-0.4936491
## [1154,]	-2.07148723	2.2801299	-0.9128837	-0.640594510	1.4010356
## [1155,]	1.10298615	-0.4382732	0.5898476	0.925665086	-2.3883338
## [1156,]	0.22726936	-0.4382732	0.5898476	-1.567463322	-0.4936491
## [1157,]	0.33673396	-0.4382732	0.5898476	0.202013500	-0.4936491
## [1158,]	-0.21058904	-0.4382732	-2.4156151	-1.473289486	-0.4936491
## [1159,]	0.00834016	-0.4382732	0.5898476	-0.325855636	-0.4936491
## [1160,]	0.22726936	-0.4382732	-0.9128837	-0.226725282	-0.4936491
## [1161,]	0.88405696	-0.4382732	0.5898476	1.304838691	-0.4936491
## [1162,]	0.11780476	-0.4382732	0.5898476	-1.004898562	-0.4936491
## [1163,]	-0.21058904	2.2801299	0.5898476	-0.162290551	1.4010356
## [1164,]	0.00834016	-0.4382732	0.5898476	1.654273189	-0.4936491
## [1165,]	0.33673396	-0.4382732	0.5898476	-0.878507360	-0.4936491
## [1166,]	0.77459236	-0.4382732	-0.9128837	-0.496855497	-2.3883338
## [1167,]	1.21245075	-0.4382732	-0.9128837	-1.084202845	-0.4936491
## [1168,]	-0.21058904	2.2801299	0.5898476	-0.097855821	1.4010356
## [1169,]	-1.41469963	-0.4382732	-0.9128837	-0.583594557	-0.4936491
## [1170,]	-1.08630583	-0.4382732	0.5898476	-0.784333524	-0.4936491

## [1171,]	-1.08630583	-0.4382732	-0.9128837	-0.524116344	-0.4936491
## [1172,]	0.33673396	2.2801299	0.5898476	1.304838691	-0.4936491
## [1173,]	-0.86737664	-0.4382732	0.5898476	-0.826463924	1.4010356
## [1174,]	-0.10112444	-0.4382732	0.5898476	-0.226725282	-0.4936491
## [1175,]	-1.30523503	-0.4382732	-0.9128837	-0.075551491	-0.4936491
## [1176,]	0.22726936	-0.4382732	0.5898476	-0.769463971	-0.4936491
## [1177,]	1.32191535	-0.4382732	0.5898476	-1.242811412	-0.4936491
## [1178,]	1.43137995	-0.4382732	0.5898476	0.026057122	-0.4936491
## [1179,]	-1.85255803	-0.4382732	0.5898476	0.838926026	1.4010356
## [1180,]	-0.32005364	-0.4382732	0.5898476	0.811665179	-0.4936491
## [1181,]	-0.10112444	-0.4382732	0.5898476	-1.218028824	-0.4936491
## [1182,]	1.32191535	-0.4382732	0.5898476	-0.836376960	-0.4936491
## [1183,]	-0.10112444	-0.4382732	-2.4156151	0.226796089	-0.4936491
## [1184,]	-0.10112444	-0.4382732	0.5898476	0.588621882	-0.4936491
## [1185,]	1.86923835	-0.4382732	0.5898476	-0.541464156	-0.4936491
## [1186,]	0.66512776	-0.4382732	0.5898476	1.210664854	-0.4936491
## [1187,]	-0.21058904	2.2801299	-0.9128837	0.192100465	1.4010356
## [1188,]	0.11780476	-0.4382732	-0.9128837	0.957882451	-0.4936491
## [1189,]	-0.86737664	-0.4382732	0.5898476	0.467187198	1.4010356
## [1190,]	-0.42951824	-0.4382732	0.5898476	-1.017289856	1.4010356
## [1191,]	-0.53898284	-0.4382732	0.5898476	0.432491574	-0.4936491
## [1192,]	-0.64844744	-0.4382732	0.5898476	0.767056519	1.4010356
## [1193,]	1.32191535	-0.4382732	0.5898476	-0.838855219	-0.4936491
## [1194,]	0.11780476	-0.4382732	-0.9128837	-1.621985017	-0.4936491
## [1195,]	1.10298615	-0.4382732	0.5898476	1.047099770	1.4010356
## [1196,]	1.32191535	-0.4382732	0.5898476	0.016144086	-0.4936491
## [1197,]	0.44619856	-0.4382732	0.5898476	1.000012852	1.4010356
## [1198,]	-1.85255803	-0.4382732	0.5898476	-0.187073140	1.4010356
## [1199,]	-0.42951824	-0.4382732	-2.4156151	-0.675290134	1.4010356
## [1200,]	-0.10112444	-0.4382732	0.5898476	1.359360386	-0.4936491
## [1201,]	0.77459236	-0.4382732	0.5898476	-0.680246652	-2.3883338
## [1202,]	-1.52416423	2.2801299	0.5898476	1.282534361	-0.4936491
## [1203,]	0.11780476	-0.4382732	0.5898476	1.716229661	-0.4936491
## [1204,]	1.75977375	-0.4382732	0.5898476	1.468403775	-0.4936491
## [1205,]	1.21245075	2.2801299	-0.9128837	-0.234160058	1.4010356
## [1206,]	-0.53898284	2.2801299	0.5898476	1.131360571	-0.4936491
## [1207,]	-1.19577043	-0.4382732	-2.4156151	-0.040855867	-0.4936491
## [1208,]	1.97870295	-0.4382732	0.5898476	1.582403683	-0.4936491
## [1209,]	-0.32005364	-0.4382732	0.5898476	0.878578168	-0.4936491
## [1210,]	2.52602595	-0.4382732	0.5898476	-1.071811551	-0.4936491
## [1211,]	-0.42951824	-0.4382732	0.5898476	-1.327072213	-0.4936491
## [1212,]	0.00834016	-0.4382732	-0.9128837	1.178447489	1.4010356
## [1213,]	-0.32005364	-0.4382732	0.5898476	-0.308507824	-0.4936491
## [1214,]	-1.52416423	2.2801299	0.5898476	-0.930550796	1.4010356
## [1215,]	0.77459236	-0.4382732	0.5898476	0.293709078	-0.4936491
## [1216,]	-0.21058904	-0.4382732	-0.9128837	-1.626941535	-0.4936491
## [1217,]	0.66512776	-0.4382732	0.5898476	0.933099863	1.4010356
## [1218,]	-1.41469963	-0.4382732	0.5898476	-0.548898933	-0.4936491
## [1219,]	0.44619856	-0.4382732	0.5898476	0.286274301	1.4010356
## [1220,]	-0.86737664	-0.4382732	0.5898476	0.692708754	-0.4936491
## [1221,]	-0.10112444	-0.4382732	0.5898476	-0.675290134	1.4010356
## [1222,]	0.88405696	-0.4382732	-2.4156151	1.079317135	-0.4936491
## [1223,]	-1.41469963	2.2801299	0.5898476	-1.393985202	-2.3883338
## [1224,]	1.10298615	2.2801299	-0.9128837	0.719969601	1.4010356

## [1225,]	-1.19577043	-0.4382732	0.5898476	-1.022246374	-0.4936491
## [1226,]	0.88405696	-0.4382732	0.5898476	0.501882822	-0.4936491
## [1227,]	-0.53898284	-0.4382732	-0.9128837	-0.538985897	-0.4936491
## [1228,]	-0.64844744	-0.4382732	0.5898476	-0.152377516	-0.4936491
## [1229,]	0.44619856	-0.4382732	-2.4156151	-0.620768439	-2.3883338
## [1230,]	0.33673396	-0.4382732	0.5898476	-1.074289810	-0.4936491
## [1231,]	-1.41469963	-0.4382732	0.5898476	-0.734768347	-0.4936491
## [1232,]	0.99352156	-0.4382732	0.5898476	-0.211855728	-0.4936491
## [1233,]	-0.21058904	-0.4382732	0.5898476	1.406447304	-0.4936491
## [1234,]	-0.75791204	-0.4382732	0.5898476	-0.023508055	-0.4936491
## [1235,]	1.10298615	-0.4382732	-2.4156151	-0.643072769	1.4010356
## [1236,]	0.99352156	-0.4382732	0.5898476	1.175969230	1.4010356
## [1237,]	-0.10112444	2.2801299	0.5898476	1.619577565	1.4010356
## [1238,]	-0.53898284	2.2801299	0.5898476	0.400274209	1.4010356
## [1239,]	-1.52416423	-0.4382732	0.5898476	-1.592245911	-0.4936491
## [1240,]	-0.64844744	-0.4382732	-0.9128837	-1.584811134	-0.4936491
## [1241,]	0.22726936	-0.4382732	-2.4156151	-0.025986314	-0.4936491
## [1242,]	-0.53898284	-0.4382732	0.5898476	-1.069333292	1.4010356
## [1243,]	0.33673396	-0.4382732	0.5898476	-0.474551167	1.4010356
## [1244,]	0.88405696	-0.4382732	0.5898476	-1.552593769	-2.3883338
## [1245,]	-0.75791204	-0.4382732	-0.9128837	1.262708290	-0.4936491
## [1246,]	-1.41469963	-0.4382732	-0.9128837	0.234230865	-2.3883338
## [1247,]	-0.75791204	2.2801299	-0.9128837	-0.501812014	-2.3883338
## [1248,]	-0.64844744	-0.4382732	0.5898476	0.496926304	1.4010356
## [1249,]	-1.08630583	-0.4382732	0.5898476	0.623317506	-0.4936491
## [1250,]	-0.86737664	2.2801299	0.5898476	-0.928072537	1.4010356
## [1251,]	-0.86737664	-0.4382732	-0.9128837	-0.846289995	-0.4936491
## [1252,]	-0.75791204	-0.4382732	0.5898476	0.437448092	1.4010356
## [1253,]	-0.32005364	-0.4382732	0.5898476	-1.540202475	-0.4936491
## [1254,]	-0.42951824	-0.4382732	-2.4156151	1.190838784	1.4010356
## [1255,]	1.32191535	-0.4382732	0.5898476	1.265186549	1.4010356
## [1256,]	-0.42951824	2.2801299	0.5898476	-1.465854709	1.4010356
## [1257,]	0.11780476	-0.4382732	-0.9128837	-0.516681568	-0.4936491
## [1258,]	-0.64844744	2.2801299	0.5898476	0.685273977	1.4010356
## [1259,]	-0.86737664	-0.4382732	0.5898476	-0.526594603	-0.4936491
## [1260,]	-0.75791204	-0.4382732	0.5898476	-1.232898377	-0.4936491
## [1261,]	-0.53898284	-0.4382732	-2.4156151	0.373013361	-0.4936491
## [1262,]	0.11780476	-0.4382732	0.5898476	0.075622299	-0.4936491
## [1263,]	0.66512776	2.2801299	-0.9128837	0.011187569	-0.4936491
## [1264,]	0.55566316	-0.4382732	0.5898476	0.130143994	-0.4936491
## [1265,]	1.97870295	-0.4382732	0.5898476	-0.804159595	-0.4936491
## [1266,]	-0.42951824	-0.4382732	-2.4156151	-0.068116715	-0.4936491
## [1267,]	0.44619856	-0.4382732	0.5898476	-0.630681475	-0.4936491
## [1268,]	-0.32005364	-0.4382732	-2.4156151	1.418838598	1.4010356
## [1269,]	1.75977375	-0.4382732	-2.4156151	-0.350638224	-0.4936491
## [1270,]	0.66512776	-0.4382732	0.5898476	-1.384072167	-2.3883338
## [1271,]	-0.32005364	-0.4382732	0.5898476	-0.722377053	1.4010356
## [1272,]	-1.74309343	2.2801299	0.5898476	-1.153594093	1.4010356
## [1273,]	0.11780476	-0.4382732	0.5898476	0.868665132	-0.4936491
## [1274,]	-1.63362883	2.2801299	0.5898476	1.218099631	-0.4936491
## [1275,]	-0.64844744	-0.4382732	0.5898476	-1.503028592	1.4010356
## [1276,]	1.54084455	-0.4382732	0.5898476	0.345752514	-0.4936491
## [1277,]	0.00834016	-0.4382732	0.5898476	-0.529072862	1.4010356
## [1278,]	0.99352156	-0.4382732	0.5898476	-0.169725328	-0.4936491

## [1279,]	-0.10112444	-0.4382732	0.5898476	1.438664669	-0.4936491
## [1280,]	0.77459236	2.2801299	-0.9128837	-0.925594279	-0.4936491
## [1281,]	0.00834016	-0.4382732	0.5898476	1.081795394	-2.3883338
## [1282,]	-0.21058904	2.2801299	0.5898476	-1.237854894	1.4010356
## [1283,]	-0.42951824	-0.4382732	0.5898476	0.159883100	-0.4936491
## [1284,]	-0.97684124	-0.4382732	0.5898476	0.938056380	-0.4936491
## [1285,]	0.22726936	-0.4382732	0.5898476	1.116491018	-0.4936491
## [1286,]	0.99352156	-0.4382732	-2.4156151	0.115274440	1.4010356
## [1287,]	0.33673396	-0.4382732	0.5898476	-0.462159873	-0.4936491
## [1288,]	0.55566316	-0.4382732	0.5898476	0.806708661	-0.4936491
## [1289,]	-0.21058904	-0.4382732	-2.4156151	0.935578121	-0.4936491
## [1290,]	0.11780476	-0.4382732	-2.4156151	1.322186503	-2.3883338
## [1291,]	-0.32005364	2.2801299	-0.9128837	-1.408854755	-0.4936491
## [1292,]	0.00834016	2.2801299	0.5898476	-1.071811551	-0.4936491
## [1293,]	0.22726936	-0.4382732	-0.9128837	-0.090421045	1.4010356
## [1294,]	0.66512776	-0.4382732	-2.4156151	-1.138724540	-0.4936491
## [1295,]	0.44619856	-0.4382732	0.5898476	-0.880985619	-0.4936491
## [1296,]	0.44619856	-0.4382732	0.5898476	-0.016073279	1.4010356
## [1297,]	-0.75791204	-0.4382732	0.5898476	0.717491342	-0.4936491
## [1298,]	-1.19577043	2.2801299	0.5898476	0.291230819	-2.3883338
## [1299,]	0.99352156	2.2801299	0.5898476	-1.341941766	-0.4936491
## [1300,]	0.33673396	-0.4382732	0.5898476	0.970273745	-0.4936491
## [1301,]	-0.32005364	-0.4382732	0.5898476	0.018622345	1.4010356
## [1302,]	2.30709675	-0.4382732	-2.4156151	-1.121376728	1.4010356
## [1303,]	-0.21058904	-0.4382732	0.5898476	-1.530289439	-0.4936491
## [1304,]	1.10298615	-0.4382732	0.5898476	0.491969786	-0.4936491
## [1305,]	0.33673396	-0.4382732	0.5898476	-0.130073186	-0.4936491
## [1306,]	1.86923835	-0.4382732	0.5898476	-0.920637761	-0.4936491
## [1307,]	-0.64844744	-0.4382732	-0.9128837	0.799273884	1.4010356
## [1308,]	-0.97684124	-0.4382732	0.5898476	1.027273699	-0.4936491
## [1309,]	0.11780476	-0.4382732	0.5898476	-0.196986175	1.4010356
## [1310,]	-1.19577043	-0.4382732	0.5898476	-0.571203262	1.4010356
## [1311,]	2.30709675	-0.4382732	-0.9128837	1.024795440	-0.4936491
## [1312,]	-2.07148723	-0.4382732	-2.4156151	1.557621094	-0.4936491
## [1313,]	-0.64844744	2.2801299	0.5898476	-1.099072398	-2.3883338
## [1314,]	-0.86737664	2.2801299	0.5898476	-1.121376728	-2.3883338
## [1315,]	0.88405696	-0.4382732	-2.4156151	-0.529072862	1.4010356
## [1316,]	-0.10112444	-0.4382732	0.5898476	-0.923116020	-0.4936491
## [1317,]	0.66512776	-0.4382732	-0.9128837	1.535316764	1.4010356
## [1318,]	-1.08630583	-0.4382732	-0.9128837	1.225534407	-0.4936491
## [1319,]	-0.86737664	-0.4382732	-0.9128837	-0.566246745	-0.4936491
## [1320,]	-0.53898284	-0.4382732	-0.9128837	1.277577843	1.4010356
## [1321,]	0.55566316	-0.4382732	-2.4156151	-1.108985434	-0.4936491
## [1322,]	1.10298615	-0.4382732	0.5898476	-1.475767744	-0.4936491
## [1323,]	0.99352156	-0.4382732	0.5898476	-0.239116576	-0.4936491
## [1324,]	-0.97684124	-0.4382732	-2.4156151	-1.294854848	-2.3883338
## [1325,]	-0.86737664	-0.4382732	0.5898476	-0.189551399	-0.4936491
## [1326,]	0.55566316	-0.4382732	0.5898476	0.841404285	-0.4936491
## [1327,]	-0.53898284	2.2801299	0.5898476	-0.962768161	1.4010356
## [1328,]	0.99352156	-0.4382732	0.5898476	1.280056102	1.4010356
## [1329,]	-1.08630583	-0.4382732	0.5898476	-0.184594881	1.4010356
## [1330,]	-0.86737664	-0.4382732	0.5898476	-1.116420210	-2.3883338
## [1331,]	0.66512776	-0.4382732	0.5898476	0.050839710	-0.4936491
## [1332,]	1.21245075	-0.4382732	0.5898476	1.044621511	-0.4936491

## [1333,]	-0.86737664	2.2801299	-0.9128837	-0.851246513	-0.4936491
## [1334,]	0.99352156	2.2801299	0.5898476	1.118969277	1.4010356
## [1335,]	-1.08630583	-0.4382732	-0.9128837	0.814143438	-0.4936491
## [1336,]	0.22726936	-0.4382732	0.5898476	0.080578816	-0.4936491
## [1337,]	1.97870295	-0.4382732	0.5898476	0.083057075	-0.4936491
## [1338,]	-0.97684124	-0.4382732	0.5898476	0.915752051	1.4010356
## [1339,]	-0.75791204	2.2801299	0.5898476	0.353187291	1.4010356
## [1340,]	-1.63362883	2.2801299	0.5898476	-1.019768115	-0.4936491
## [1341,]	-0.10112444	-0.4382732	0.5898476	1.148708383	1.4010356
## [1342,]	-0.64844744	-0.4382732	0.5898476	-1.218028824	-0.4936491
## [1343,]	-0.32005364	-0.4382732	0.5898476	1.679055778	1.4010356
## [1344,]	-0.86737664	-0.4382732	0.5898476	-0.521638085	-0.4936491
## [1345,]	0.00834016	-0.4382732	0.5898476	-0.048290644	-0.4936491
## [1346,]	-0.21058904	-0.4382732	0.5898476	-1.446028638	-0.4936491
## [1347,]	0.88405696	-0.4382732	0.5898476	-0.610855404	-0.4936491
## [1348,]	-0.10112444	-0.4382732	-0.9128837	1.017360664	-2.3883338
## [1349,]	0.33673396	-0.4382732	0.5898476	0.829012991	-0.4936491
## [1350,]	-1.19577043	-0.4382732	0.5898476	-0.794246559	-0.4936491
## [1351,]	-1.08630583	-0.4382732	0.5898476	-0.722377053	1.4010356
## [1352,]	1.21245075	-0.4382732	-0.9128837	-1.698811041	-0.4936491
## [1353,]	0.77459236	-0.4382732	0.5898476	-1.567463322	-0.4936491
## [1354,]	-0.32005364	2.2801299	-2.4156151	0.407708985	-0.4936491
## [1355,]	2.08816755	2.2801299	0.5898476	0.890969462	-0.4936491
## [1356,]	-0.10112444	-0.4382732	0.5898476	-1.158550611	1.4010356
## [1357,]	0.44619856	-0.4382732	0.5898476	-1.153594093	1.4010356
## [1358,]	0.55566316	-0.4382732	0.5898476	1.470882034	-0.4936491
## [1359,]	-0.64844744	-0.4382732	0.5898476	0.685273977	1.4010356
## [1360,]	-0.32005364	-0.4382732	0.5898476	-0.167247069	1.4010356
## [1361,]	-0.64844744	-0.4382732	0.5898476	-0.821507407	-0.4936491
## [1362,]	-1.19577043	-0.4382732	-0.9128837	0.727404378	-0.4936491
## [1363,]	0.88405696	-0.4382732	-0.9128837	1.225534407	-0.4936491
## [1364,]	-0.42951824	-0.4382732	0.5898476	-1.450985156	1.4010356
## [1365,]	-0.97684124	-0.4382732	-0.9128837	-0.048290644	1.4010356
## [1366,]	-0.86737664	2.2801299	-0.9128837	-0.139986222	1.4010356
## [1367,]	0.22726936	-0.4382732	-2.4156151	1.111534500	1.4010356
## [1368,]	-1.08630583	-0.4382732	0.5898476	1.366795162	-0.4936491
## [1369,]	-0.32005364	-0.4382732	-0.9128837	-0.167247069	-0.4936491
## [1370,]	-0.97684124	2.2801299	0.5898476	1.666664484	1.4010356
## [1371,]	1.10298615	-0.4382732	-2.4156151	0.908317274	-0.4936491
## [1372,]	2.08816755	-0.4382732	0.5898476	1.587360200	1.4010356
## [1373,]	0.22726936	-0.4382732	0.5898476	0.159883100	-0.4936491
## [1374,]	0.11780476	-0.4382732	-0.9128837	1.465925516	-0.4936491
## [1375,]	2.30709675	-0.4382732	0.5898476	-0.489420720	1.4010356
## [1376,]	-0.53898284	2.2801299	-0.9128837	-1.398941720	-0.4936491
## [1377,]	0.11780476	-0.4382732	0.5898476	1.000012852	-0.4936491
## [1378,]	1.32191535	-0.4382732	-0.9128837	0.648100094	-0.4936491
## [1379,]	0.55566316	-0.4382732	0.5898476	-0.950376867	1.4010356
## [1380,]	-1.08630583	2.2801299	-0.9128837	1.324664762	-2.3883338
## [1381,]	-0.21058904	-0.4382732	0.5898476	-0.298594788	1.4010356
## [1382,]	-0.97684124	-0.4382732	-2.4156151	0.744752190	-0.4936491
## [1383,]	-0.64844744	-0.4382732	-2.4156151	0.430013315	-0.4936491
## [1384,]	-0.10112444	-0.4382732	-2.4156151	1.359360386	-0.4936491
## [1385,]	-0.32005364	-0.4382732	0.5898476	0.333361220	1.4010356
## [1386,]	-0.32005364	-0.4382732	0.5898476	1.081795394	1.4010356

## [1387,]	-1.19577043	-0.4382732	0.5898476	-1.599680687	-0.4936491
## [1388,]	-0.86737664	-0.4382732	0.5898476	-1.651724123	-0.4936491
## [1389,]	-0.53898284	-0.4382732	-2.4156151	0.851317320	-0.4936491
## [1390,]	-0.64844744	-0.4382732	-0.9128837	0.799273884	-0.4936491
## [1391,]	-0.97684124	2.2801299	0.5898476	1.490708105	-0.4936491
## [1392,]	0.11780476	-0.4382732	0.5898476	1.490708105	1.4010356
## [1393,]	-0.21058904	-0.4382732	0.5898476	1.044621511	1.4010356
## [1394,]	-1.08630583	-0.4382732	0.5898476	0.375491620	1.4010356
## [1395,]	-0.53898284	-0.4382732	0.5898476	1.413882080	-0.4936491
## [1396,]	-0.64844744	2.2801299	-0.9128837	-0.120160151	1.4010356
## [1397,]	1.75977375	2.2801299	0.5898476	0.905839015	1.4010356
## [1398,]	1.86923835	-0.4382732	0.5898476	-1.604637205	-0.4936491
## [1399,]	-0.42951824	-0.4382732	-0.9128837	1.240403961	-0.4936491
## [1400,]	0.66512776	-0.4382732	0.5898476	-0.566246745	-0.4936491
## [1401,]	0.11780476	-0.4382732	-0.9128837	1.589838459	-2.3883338
## [1402,]	1.97870295	-0.4382732	0.5898476	-1.520376404	-2.3883338
## [1403,]	-0.64844744	-0.4382732	0.5898476	1.173490972	-0.4936491
## [1404,]	0.22726936	-0.4382732	0.5898476	-1.693854524	1.4010356
## [1405,]	0.55566316	-0.4382732	-2.4156151	-1.158550611	-0.4936491
## [1406,]	-0.64844744	-0.4382732	-2.4156151	-0.261420906	-0.4936491
## [1407,]	1.86923835	-0.4382732	0.5898476	-1.599680687	-0.4936491
## [1408,]	-1.41469963	-0.4382732	0.5898476	-0.078029750	-0.4936491
## [1409,]	-1.52416423	-0.4382732	0.5898476	-0.573681521	-0.4936491
## [1410,]	0.33673396	-0.4382732	-0.9128837	-0.273812200	-0.4936491
## [1411,]	0.33673396	-0.4382732	0.5898476	-0.888420396	1.4010356
## [1412,]	-1.30523503	-0.4382732	0.5898476	-1.222985341	-2.3883338
## [1413,]	-0.75791204	-0.4382732	0.5898476	0.268926489	-0.4936491
## [1414,]	-1.30523503	-0.4382732	0.5898476	0.432491574	-0.4936491
## [1415,]	1.10298615	-0.4382732	0.5898476	0.935578121	-0.4936491
## [1416,]	-0.42951824	-0.4382732	-2.4156151	1.265186549	-0.4936491
## [1417,]	0.11780476	-0.4382732	0.5898476	1.285012620	1.4010356
## [1418,]	-0.64844744	-0.4382732	0.5898476	0.871143391	1.4010356
## [1419,]	0.11780476	-0.4382732	-0.9128837	-0.729811829	-0.4936491
## [1420,]	0.55566316	-0.4382732	0.5898476	-0.608377145	-0.4936491
## [1421,]	0.44619856	-0.4382732	0.5898476	-0.397725143	-0.4936491
## [1422,]	1.10298615	-0.4382732	-2.4156151	0.890969462	-0.4936491
## [1423,]	-0.21058904	-0.4382732	0.5898476	1.703838366	-0.4936491
## [1424,]	-1.63362883	-0.4382732	0.5898476	-0.548898933	-0.4936491
## [1425,]	-0.21058904	-0.4382732	0.5898476	1.468403775	-0.4936491
## [1426,]	-0.42951824	-0.4382732	0.5898476	-0.747159641	-0.4936491
## [1427,]	-0.53898284	-0.4382732	0.5898476	-1.327072213	-0.4936491
## [1428,]	0.33673396	-0.4382732	0.5898476	-0.643072769	-0.4936491
## [1429,]	-0.53898284	-0.4382732	0.5898476	-1.408854755	1.4010356
## [1430,]	0.22726936	-0.4382732	0.5898476	-1.701289300	-0.4936491
## [1431,]	0.11780476	-0.4382732	0.5898476	-1.490637298	-0.4936491
## [1432,]	-0.53898284	-0.4382732	0.5898476	-0.003681985	1.4010356
## [1433,]	0.00834016	-0.4382732	0.5898476	-1.589767652	-0.4936491
## [1434,]	-1.30523503	-0.4382732	0.5898476	1.436186410	1.4010356
## [1435,]	1.65030915	-0.4382732	-2.4156151	-0.538985897	1.4010356
## [1436,]	0.77459236	-0.4382732	0.5898476	0.581187105	-0.4936491
## [1437,]	-1.74309343	-0.4382732	0.5898476	-0.747159641	1.4010356
## [1438,]	0.22726936	-0.4382732	-2.4156151	-1.728550148	-0.4936491
## [1439,]	-1.52416423	2.2801299	-0.9128837	-0.407638178	1.4010356
## [1440,]	-0.10112444	-0.4382732	0.5898476	-0.608377145	1.4010356

##	[1441,]	-0.10112444	-0.4382732	-0.9128837	-0.283725235	-0.4936491
##	[1442,]	2.08816755	-0.4382732	-2.4156151	-0.335768671	-0.4936491
##	[1443,]	-0.86737664	2.2801299	0.5898476	0.717491342	-0.4936491
##	[1444,]	0.55566316	-0.4382732	0.5898476	-1.245289671	-0.4936491
##	[1445,]	2.08816755	2.2801299	0.5898476	-1.220507082	-0.4936491
##	[1446,]	0.44619856	-0.4382732	0.5898476	-0.546420674	-0.4936491
##	[1447,]	-0.32005364	-0.4382732	0.5898476	-0.244073094	1.4010356
##	[1448,]	-0.10112444	-0.4382732	-2.4156151	-1.242811412	1.4010356
##	[1449,]	0.44619856	-0.4382732	0.5898476	0.316013408	1.4010356
##	[1450,]	-0.53898284	-0.4382732	0.5898476	-0.677768393	-0.4936491
##	[1451,]	-0.21058904	-0.4382732	0.5898476	0.851317320	-2.3883338
##	[1452,]	0.11780476	-0.4382732	0.5898476	-1.133768022	1.4010356
##	[1453,]	1.43137995	2.2801299	-0.9128837	0.187143947	1.4010356
##	[1454,]	-0.10112444	-0.4382732	0.5898476	0.786882590	1.4010356
##	[1455,]	0.88405696	-0.4382732	0.5898476	-1.061898516	1.4010356
##	[1456,]	0.33673396	-0.4382732	0.5898476	1.287490879	-0.4936491
##	[1457,]	-0.21058904	-0.4382732	-0.9128837	0.982665040	-0.4936491
##	[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	-0.9128837	0.202013500	-0.4936491
##	[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
##		DistanceFromHome	Education	EducationField	EmployeeCount	
##	[1,]	-1.01056544	-0.89138490	-0.9370948	NaN	
##	[2,]	-0.14709966	-1.86779013	-0.9370948	NaN	
##	[3,]	-0.88721318	-0.89138490	1.3162247	NaN	
##	[4,]	-0.76386093	1.06142554	-0.9370948	NaN	
##	[5,]	-0.88721318	-1.86779013	0.5651182	NaN	
##	[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	
##	[12,]	0.71636612	-0.89138490	-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	
##	[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	-1.86779013	0.5651182	NaN
##	[26,]	-0.51715642	0.08502032	1.3162247	NaN
##	[27,]	0.83971837	-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	-0.89138490	0.5651182	NaN
##	[34,]	-0.51715642	0.08502032	2.0673313	NaN
##	[35,]	-1.01056544	0.08502032	0.5651182	NaN
##	[36,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[37,]	-0.76386093	-0.89138490	-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
##	[41,]	-0.64050868	-0.89138490	1.3162247	NaN
##	[42,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[43,]	1.94988866	0.08502032	-0.9370948	NaN
##	[44,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[45,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[46,]	0.34630935	0.08502032	2.0673313	NaN
##	[47,]	1.70318415	1.06142554	-0.1859883	NaN
##	[48,]	1.20977513	-0.89138490	-0.9370948	NaN
##	[49,]	-0.51715642	1.06142554	-0.1859883	NaN
##	[50,]	-0.14709966	-1.86779013	-0.9370948	NaN
##	[51,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[52,]	-0.51715642	1.06142554	2.0673313	NaN
##	[53,]	-1.01056544	2.03783076	-0.1859883	NaN
##	[54,]	0.22295710	-0.89138490	0.5651182	NaN
##	[55,]	1.70318415	0.08502032	-0.1859883	NaN
##	[56,]	-1.01056544	-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	-0.89138490	0.5651182	NaN
##	[81,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[82,]	-1.01056544	0.08502032	0.5651182	NaN
##	[83,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[84,]	-0.39380417	0.08502032	0.5651182	NaN
##	[85,]	-1.01056544	-0.89138490	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	-0.89138490	-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,]	0.22295710	-0.89138490	2.0673313	NaN
##	[119,]	-0.76386093	-0.89138490	-0.9370948	NaN
##	[120,]	2.07324091	-0.89138490	-0.9370948	NaN
##	[121,]	1.70318415	0.08502032	-0.9370948	NaN
##	[122,]	1.57983189	-0.89138490	-0.1859883	NaN
##	[123,]	0.59301386	1.06142554	-0.9370948	NaN
##	[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
##	[130,]	1.33312739	1.06142554	0.5651182	NaN
##	[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,]	-0.02374741	-1.86779013	-0.9370948	NaN
##	[135,]	1.94988866	-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
##	[139,]	2.31994542	0.08502032	-0.9370948	NaN
##	[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	-1.86779013	0.5651182	NaN
##	[148,]	0.09960485	0.08502032	-0.9370948	NaN
##	[149,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[150,]	-0.76386093	-1.86779013	0.5651182	NaN
##	[151,]	2.07324091	0.08502032	0.5651182	NaN
##	[152,]	-1.01056544	2.03783076	-0.1859883	NaN
##	[153,]	-0.39380417	-0.89138490	-0.1859883	NaN
##	[154,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[155,]	-0.14709966	0.08502032	-0.1859883	NaN
##	[156,]	-1.01056544	-1.86779013	2.0673313	NaN
##	[157,]	-0.27045191	1.06142554	0.5651182	NaN
##	[158,]	-0.02374741	0.08502032	0.5651182	NaN
##	[159,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[160,]	-0.88721318	1.06142554	-0.1859883	NaN
##	[161,]	1.20977513	-1.86779013	0.5651182	NaN
##	[162,]	-0.02374741	0.08502032	0.5651182	NaN
##	[163,]	1.45647964	0.08502032	0.5651182	NaN
##	[164,]	1.82653640	-0.89138490	-0.9370948	NaN
##	[165,]	-0.76386093	0.08502032	0.5651182	NaN
##	[166,]	0.22295710	0.08502032	-0.9370948	NaN
##	[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,]	-0.76386093	-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
##	[181,]	0.34630935	-1.86779013	0.5651182	NaN
##	[182,]	2.19659316	-0.89138490	0.5651182	NaN
##	[183,]	1.33312739	-0.89138490	-0.1859883	NaN
##	[184,]	-1.01056544	0.08502032	0.5651182	NaN
##	[185,]	0.46966161	-0.89138490	0.5651182	NaN

##	[186,]	0.59301386	0.08502032	0.5651182	NaN
##	[187,]	-0.64050868	-1.86779013	0.5651182	NaN
##	[188,]	0.59301386	1.06142554	0.5651182	NaN
##	[189,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[190,]	-0.76386093	0.08502032	0.5651182	NaN
##	[191,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[192,]	-0.02374741	0.08502032	0.5651182	NaN
##	[193,]	1.70318415	-0.89138490	-0.9370948	NaN
##	[194,]	-0.27045191	0.08502032	0.5651182	NaN
##	[195,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[196,]	1.45647964	0.08502032	-0.9370948	NaN
##	[197,]	-0.88721318	0.08502032	0.5651182	NaN
##	[198,]	1.45647964	-0.89138490	0.5651182	NaN
##	[199,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[200,]	2.44329767	0.08502032	2.0673313	NaN
##	[201,]	-1.01056544	-1.86779013	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,]	2.44329767	-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,]	-1.01056544	-1.86779013	0.5651182	NaN
##	[229,]	-1.01056544	0.08502032	-0.1859883	NaN
##	[230,]	1.08642288	-1.86779013	0.5651182	NaN
##	[231,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[232,]	-0.64050868	-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	-0.89138490	-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,]	-1.01056544	-0.89138490	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,]	0.96307062	-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,]	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,]	-0.76386093	-0.89138490	0.5651182	NaN
##	[276,]	-1.01056544	1.06142554	0.5651182	NaN
##	[277,]	1.57983189	0.08502032	-0.9370948	NaN
##	[278,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[279,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[280,]	-0.64050868	-1.86779013	-0.9370948	NaN
##	[281,]	-0.76386093	1.06142554	0.5651182	NaN
##	[282,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[283,]	-0.88721318	-0.89138490	-0.9370948	NaN
##	[284,]	1.33312739	-0.89138490	2.0673313	NaN
##	[285,]	0.22295710	-0.89138490	0.5651182	NaN
##	[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	-0.89138490	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,]	-1.01056544	-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,]	-1.01056544	-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	-1.86779013	0.5651182	NaN
##	[349,]	1.70318415	2.03783076	-0.9370948	NaN
##	[350,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[351,]	-0.88721318	-1.86779013	2.0673313	NaN
##	[352,]	-0.88721318	0.08502032	0.5651182	NaN
##	[353,]	2.44329767	-1.86779013	0.5651182	NaN
##	[354,]	-0.39380417	0.08502032	0.5651182	NaN
##	[355,]	1.94988866	-0.89138490	2.0673313	NaN
##	[356,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[357,]	-0.88721318	1.06142554	1.3162247	NaN
##	[358,]	-1.01056544	-1.86779013	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
##	[374,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[375,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[376,]	-0.27045191	0.08502032	1.3162247	NaN
##	[377,]	0.59301386	-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	-1.86779013	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	-0.89138490	0.5651182	NaN
##	[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	-1.86779013	-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
##	[405,]	0.96307062	-0.89138490	0.5651182	NaN
##	[406,]	-0.76386093	0.08502032	0.5651182	NaN
##	[407,]	-0.76386093	0.08502032	0.5651182	NaN
##	[408,]	0.09960485	-0.89138490	-0.9370948	NaN
##	[409,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[410,]	2.44329767	-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
##	[425,]	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	-0.89138490	0.5651182	NaN
##	[430,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[431,]	1.57983189	0.08502032	-0.9370948	NaN
##	[432,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[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	0.08502032	-0.9370948	NaN
##	[441,]	1.70318415	0.08502032	-1.6882013	NaN
##	[442,]	-0.51715642	-0.89138490	1.3162247	NaN
##	[443,]	0.09960485	1.06142554	0.5651182	NaN
##	[444,]	-0.64050868	-1.86779013	2.0673313	NaN
##	[445,]	-0.88721318	2.03783076	-0.1859883	NaN
##	[446,]	1.08642288	2.03783076	-0.9370948	NaN
##	[447,]	0.09960485	-0.89138490	-0.9370948	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,]	-0.51715642	0.08502032	-0.1859883	NaN
##	[459,]	2.31994542	0.08502032	1.3162247	NaN
##	[460,]	-0.88721318	1.06142554	1.3162247	NaN
##	[461,]	2.44329767	-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
##	[475,]	1.70318415	0.08502032	0.5651182	NaN
##	[476,]	2.31994542	-0.89138490	-0.1859883	NaN
##	[477,]	0.96307062	-0.89138490	1.3162247	NaN
##	[478,]	-0.76386093	0.08502032	0.5651182	NaN
##	[479,]	0.46966161	-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
##	[495,]	0.59301386	0.08502032	2.0673313	NaN
##	[496,]	-0.88721318	-1.86779013	-0.1859883	NaN
##	[497,]	1.57983189	-1.86779013	2.0673313	NaN
##	[498,]	-0.76386093	1.06142554	1.3162247	NaN
##	[499,]	-0.39380417	-1.86779013	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
##	[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	-0.89138490	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	-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	-0.89138490	-0.9370948	NaN
##	[527,]	-0.88721318	1.06142554	2.0673313	NaN
##	[528,]	0.09960485	0.08502032	-0.1859883	NaN
##	[529,]	-0.14709966	-0.89138490	2.0673313	NaN
##	[530,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[531,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[532,]	-0.76386093	-0.89138490	-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	-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,]	2.07324091	-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	-0.89138490	-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,]	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,]	-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,]	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
##	[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,]	0.59301386	-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	-0.89138490	-0.1859883	NaN
##	[626,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[627,]	-0.14709966	-0.89138490	0.5651182	NaN
##	[628,]	1.94988866	1.06142554	0.5651182	NaN
##	[629,]	0.83971837	1.06142554	-0.1859883	NaN
##	[630,]	-0.14709966	-0.89138490	0.5651182	NaN
##	[631,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[632,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[633,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[634,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[635,]	-0.76386093	-1.86779013	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,]	1.45647964	-0.89138490	0.5651182	NaN
##	[650,]	1.70318415	1.06142554	-0.9370948	NaN
##	[651,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[652,]	-0.88721318	-0.89138490	-0.1859883	NaN
##	[653,]	1.20977513	-0.89138490	0.5651182	NaN
##	[654,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[655,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[656,]	-0.76386093	-0.89138490	-1.6882013	NaN
##	[657,]	1.94988866	1.06142554	-0.9370948	NaN
##	[658,]	-0.27045191	-1.86779013	0.5651182	NaN
##	[659,]	-0.02374741	-0.89138490	-0.9370948	NaN
##	[660,]	-0.51715642	1.06142554	0.5651182	NaN
##	[661,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[662,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[663,]	-0.88721318	0.08502032	0.5651182	NaN
##	[664,]	1.08642288	-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

##	[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
##	[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,]	-0.76386093	-1.86779013	-0.9370948	NaN
##	[695,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[696,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[697,]	-0.64050868	-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,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[703,]	-0.14709966	-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,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[711,]	0.96307062	0.08502032	-0.9370948	NaN
##	[712,]	0.09960485	0.08502032	-0.9370948	NaN
##	[713,]	0.46966161	-1.86779013	-0.9370948	NaN
##	[714,]	-1.01056544	1.06142554	0.5651182	NaN
##	[715,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[716,]	-1.01056544	1.06142554	1.3162247	NaN
##	[717,]	-0.02374741	0.08502032	0.5651182	NaN
##	[718,]	0.83971837	1.06142554	2.0673313	NaN
##	[719,]	1.70318415	-0.89138490	-0.9370948	NaN
##	[720,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[721,]	1.57983189	0.08502032	-0.9370948	NaN
##	[722,]	1.82653640	0.08502032	-0.9370948	NaN
##	[723,]	0.09960485	-1.86779013	0.5651182	NaN
##	[724,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[725,]	0.96307062	-1.86779013	0.5651182	NaN

##	[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	-0.89138490	0.5651182	NaN
##	[735,]	-0.14709966	-1.86779013	-0.9370948	NaN
##	[736,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[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
##	[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
##	[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
##	[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	-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	-1.86779013	-0.9370948	NaN
##	[789,]	0.09960485	0.08502032	1.3162247	NaN
##	[790,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[791,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[792,]	-0.64050868	0.08502032	2.0673313	NaN
##	[793,]	2.44329767	1.06142554	0.5651182	NaN
##	[794,]	0.71636612	-0.89138490	-0.9370948	NaN
##	[795,]	-0.76386093	-1.86779013	-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,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[821,]	0.22295710	-0.89138490	-0.1859883	NaN
##	[822,]	-0.14709966	1.06142554	2.0673313	NaN
##	[823,]	-0.88721318	-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
##	[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
##	[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
##	[877,]	1.45647964	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

##	[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,]	-0.88721318	-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	-0.89138490	-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,]	1.82653640	-1.86779013	-0.9370948	NaN
##	[913,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[914,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[915,]	-0.14709966	-1.86779013	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
##	[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
##	[935,]	-1.01056544	0.08502032	0.5651182	NaN
##	[936,]	-0.14709966	0.08502032	0.5651182	NaN
##	[937,]	1.94988866	0.08502032	0.5651182	NaN
##	[938,]	0.46966161	1.06142554	0.5651182	NaN
##	[939,]	1.70318415	1.06142554	-0.9370948	NaN
##	[940,]	-0.27045191	-0.89138490	-0.9370948	NaN
##	[941,]	1.70318415	0.08502032	0.5651182	NaN

##	[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,]	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,]	0.83971837	-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	-0.89138490	-0.9370948	NaN
##	[965,]	0.71636612	-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,]	0.22295710	-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
##	[985,]	2.07324091	0.08502032	-0.9370948	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,]	2.31994542	-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	-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,]	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	-0.89138490	-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,]	-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
## [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
## [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,]	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	-0.89138490	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
## [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	-0.89138490	-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
## [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,]	0.59301386	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	-0.89138490	-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	-0.89138490	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
## [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
## [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
## [1201,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1202,]	-0.14709966	-1.86779013	0.5651182	NaN
## [1203,]	-0.64050868	-0.89138490	0.5651182	NaN
## [1204,]	1.82653640	1.06142554	0.5651182	NaN
## [1205,]	-0.27045191	-0.89138490	0.5651182	NaN
## [1206,]	-0.88721318	1.06142554	-0.9370948	NaN
## [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,]	-1.01056544	-1.86779013	-0.9370948	NaN
## [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	-1.86779013	0.5651182	NaN
## [1240,]	1.82653640	-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

## [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	-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,]	-1.01056544	-0.89138490	0.5651182	NaN
## [1281,]	-0.14709966	-0.89138490	1.3162247	NaN
## [1282,]	2.19659316	0.08502032	-0.9370948	NaN
## [1283,]	-0.14709966	1.06142554	-0.9370948	NaN
## [1284,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1285,]	0.09960485	-1.86779013	0.5651182	NaN
## [1286,]	2.07324091	-0.89138490	-0.9370948	NaN
## [1287,]	-0.88721318	-0.89138490	-0.9370948	NaN
## [1288,]	0.46966161	0.08502032	0.5651182	NaN
## [1289,]	-0.88721318	-0.89138490	0.5651182	NaN
## [1290,]	-0.88721318	0.08502032	-1.6882013	NaN
## [1291,]	-0.02374741	1.06142554	-0.9370948	NaN
## [1292,]	0.09960485	1.06142554	0.5651182	NaN
## [1293,]	1.33312739	0.08502032	-0.9370948	NaN
## [1294,]	-0.02374741	0.08502032	-0.9370948	NaN
## [1295,]	-0.51715642	0.08502032	-0.9370948	NaN
## [1296,]	-0.64050868	-1.86779013	-0.1859883	NaN
## [1297,]	0.09960485	0.08502032	0.5651182	NaN
## [1298,]	1.33312739	-0.89138490	0.5651182	NaN
## [1299,]	1.45647964	-0.89138490	0.5651182	NaN
## [1300,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1301,]	-0.14709966	-0.89138490	2.0673313	NaN
## [1302,]	-0.88721318	0.08502032	0.5651182	NaN
## [1303,]	1.70318415	1.06142554	0.5651182	NaN
## [1304,]	-0.64050868	0.08502032	-0.9370948	NaN
## [1305,]	0.34630935	0.08502032	-0.9370948	NaN
## [1306,]	-0.27045191	1.06142554	0.5651182	NaN
## [1307,]	-0.27045191	1.06142554	-0.1859883	NaN
## [1308,]	-1.01056544	0.08502032	0.5651182	NaN
## [1309,]	-0.88721318	1.06142554	-0.1859883	NaN
## [1310,]	0.09960485	0.08502032	0.5651182	NaN
## [1311,]	0.71636612	1.06142554	-0.9370948	NaN
## [1312,]	0.59301386	0.08502032	0.5651182	NaN
## [1313,]	1.08642288	2.03783076	-1.6882013	NaN
## [1314,]	0.46966161	0.08502032	-1.6882013	NaN
## [1315,]	-0.88721318	1.06142554	-0.9370948	NaN
## [1316,]	-0.88721318	1.06142554	1.3162247	NaN
## [1317,]	-0.88721318	1.06142554	-0.9370948	NaN
## [1318,]	-0.51715642	-0.89138490	-0.9370948	NaN
## [1319,]	1.33312739	-1.86779013	0.5651182	NaN

## [1320,]	0.09960485	1.06142554	-0.1859883	NaN
## [1321,]	0.09960485	1.06142554	2.0673313	NaN
## [1322,]	-0.02374741	1.06142554	-0.9370948	NaN
## [1323,]	-0.88721318	-0.89138490	-0.9370948	NaN
## [1324,]	-1.01056544	-0.89138490	-0.9370948	NaN
## [1325,]	2.44329767	-1.86779013	-0.9370948	NaN
## [1326,]	-0.14709966	0.08502032	-0.9370948	NaN
## [1327,]	-0.88721318	1.06142554	-0.1859883	NaN
## [1328,]	-0.76386093	0.08502032	2.0673313	NaN
## [1329,]	1.70318415	-1.86779013	0.5651182	NaN
## [1330,]	-0.39380417	-1.86779013	0.5651182	NaN
## [1331,]	-0.39380417	0.08502032	0.5651182	NaN
## [1332,]	0.09960485	0.08502032	-0.9370948	NaN
## [1333,]	1.82653640	-0.89138490	-0.9370948	NaN
## [1334,]	0.09960485	0.08502032	-0.9370948	NaN
## [1335,]	0.71636612	0.08502032	-0.9370948	NaN
## [1336,]	1.20977513	1.06142554	1.3162247	NaN
## [1337,]	-0.88721318	1.06142554	2.0673313	NaN
## [1338,]	-0.76386093	0.08502032	0.5651182	NaN
## [1339,]	-0.02374741	0.08502032	0.5651182	NaN
## [1340,]	-0.27045191	-1.86779013	-0.9370948	NaN
## [1341,]	0.09960485	1.06142554	2.0673313	NaN
## [1342,]	1.33312739	0.08502032	-0.9370948	NaN
## [1343,]	-0.64050868	0.08502032	-0.9370948	NaN
## [1344,]	-0.27045191	0.08502032	-0.9370948	NaN
## [1345,]	-0.27045191	1.06142554	0.5651182	NaN
## [1346,]	0.83971837	-0.89138490	1.3162247	NaN
## [1347,]	1.94988866	-0.89138490	-0.9370948	NaN
## [1348,]	-0.88721318	-1.86779013	-1.6882013	NaN
## [1349,]	-1.01056544	1.06142554	-0.9370948	NaN
## [1350,]	-1.01056544	-0.89138490	-0.9370948	NaN
## [1351,]	-0.88721318	-0.89138490	0.5651182	NaN
## [1352,]	1.57983189	0.08502032	0.5651182	NaN
## [1353,]	-1.01056544	1.06142554	-0.9370948	NaN
## [1354,]	0.83971837	1.06142554	2.0673313	NaN
## [1355,]	1.82653640	-0.89138490	-0.9370948	NaN
## [1356,]	0.96307062	-0.89138490	-0.1859883	NaN
## [1357,]	-0.14709966	0.08502032	-0.1859883	NaN
## [1358,]	-0.39380417	0.08502032	0.5651182	NaN
## [1359,]	0.09960485	-0.89138490	0.5651182	NaN
## [1360,]	-0.76386093	-1.86779013	0.5651182	NaN
## [1361,]	-0.64050868	0.08502032	0.5651182	NaN
## [1362,]	-0.39380417	0.08502032	1.3162247	NaN
## [1363,]	-1.01056544	1.06142554	0.5651182	NaN
## [1364,]	0.09960485	1.06142554	-0.1859883	NaN
## [1365,]	-1.01056544	-0.89138490	-0.9370948	NaN
## [1366,]	1.82653640	0.08502032	2.0673313	NaN
## [1367,]	1.45647964	1.06142554	-0.9370948	NaN
## [1368,]	-0.88721318	1.06142554	2.0673313	NaN
## [1369,]	1.57983189	1.06142554	1.3162247	NaN
## [1370,]	0.46966161	-0.89138490	-0.1859883	NaN
## [1371,]	0.59301386	1.06142554	2.0673313	NaN
## [1372,]	0.22295710	2.03783076	-0.1859883	NaN
## [1373,]	-0.02374741	-0.89138490	0.5651182	NaN

## [1374,]	-0.14709966	0.08502032	0.5651182	NaN
## [1375,]	1.45647964	0.08502032	-0.9370948	NaN
## [1376,]	-0.51715642	-0.89138490	-0.9370948	NaN
## [1377,]	-0.02374741	-0.89138490	-0.9370948	NaN
## [1378,]	-0.88721318	-1.86779013	-0.9370948	NaN
## [1379,]	0.34630935	1.06142554	-0.1859883	NaN
## [1380,]	1.57983189	0.08502032	-1.6882013	NaN
## [1381,]	1.08642288	1.06142554	0.5651182	NaN
## [1382,]	0.83971837	0.08502032	0.5651182	NaN
## [1383,]	-0.76386093	-0.89138490	0.5651182	NaN
## [1384,]	-0.02374741	1.06142554	-0.9370948	NaN
## [1385,]	-1.01056544	0.08502032	-0.1859883	NaN
## [1386,]	0.46966161	1.06142554	0.5651182	NaN
## [1387,]	-1.01056544	0.08502032	0.5651182	NaN
## [1388,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1389,]	0.71636612	1.06142554	0.5651182	NaN
## [1390,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1391,]	0.96307062	0.08502032	2.0673313	NaN
## [1392,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1393,]	-0.27045191	1.06142554	-0.9370948	NaN
## [1394,]	-0.02374741	0.08502032	-0.1859883	NaN
## [1395,]	-0.51715642	1.06142554	-0.9370948	NaN
## [1396,]	2.07324091	1.06142554	-0.1859883	NaN
## [1397,]	1.82653640	1.06142554	-0.9370948	NaN
## [1398,]	-0.02374741	-0.89138490	-0.9370948	NaN
## [1399,]	-0.27045191	-0.89138490	-0.9370948	NaN
## [1400,]	0.22295710	0.08502032	-0.9370948	NaN
## [1401,]	-1.01056544	1.06142554	1.3162247	NaN
## [1402,]	2.07324091	1.06142554	-1.6882013	NaN
## [1403,]	-0.88721318	-1.86779013	0.5651182	NaN
## [1404,]	0.71636612	1.06142554	-0.1859883	NaN
## [1405,]	1.70318415	-0.89138490	-0.9370948	NaN
## [1406,]	0.09960485	0.08502032	0.5651182	NaN
## [1407,]	0.09960485	0.08502032	0.5651182	NaN
## [1408,]	-1.01056544	-0.89138490	-0.9370948	NaN
## [1409,]	0.34630935	-0.89138490	1.3162247	NaN
## [1410,]	0.22295710	0.08502032	2.0673313	NaN
## [1411,]	-0.88721318	-0.89138490	-0.1859883	NaN
## [1412,]	-0.88721318	0.08502032	-1.6882013	NaN
## [1413,]	-1.01056544	-0.89138490	0.5651182	NaN
## [1414,]	-0.88721318	-1.86779013	1.3162247	NaN
## [1415,]	1.94988866	0.08502032	0.5651182	NaN
## [1416,]	-1.01056544	-0.89138490	0.5651182	NaN
## [1417,]	-1.01056544	1.06142554	-0.9370948	NaN
## [1418,]	-0.88721318	-0.89138490	-0.9370948	NaN
## [1419,]	-0.39380417	1.06142554	-0.9370948	NaN
## [1420,]	1.08642288	1.06142554	-0.9370948	NaN
## [1421,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1422,]	-1.01056544	-1.86779013	0.5651182	NaN
## [1423,]	0.22295710	1.06142554	0.5651182	NaN
## [1424,]	-1.01056544	-0.89138490	-0.9370948	NaN
## [1425,]	-0.02374741	1.06142554	0.5651182	NaN
## [1426,]	0.71636612	-0.89138490	0.5651182	NaN
## [1427,]	2.44329767	1.06142554	-0.9370948	NaN

##	[1428,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1429,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1430,]	1.82653640	-1.86779013	-0.9370948	NaN
##	[1431,]	0.09960485	0.08502032	0.5651182	NaN
##	[1432,]	-1.01056544	1.06142554	-0.1859883	NaN
##	[1433,]	0.09960485	0.08502032	-0.9370948	NaN
##	[1434,]	-0.14709966	-0.89138490	1.3162247	NaN
##	[1435,]	2.44329767	1.06142554	-0.9370948	NaN
##	[1436,]	-1.01056544	0.08502032	0.5651182	NaN
##	[1437,]	-0.51715642	-1.86779013	0.5651182	NaN
##	[1438,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[1439,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[1440,]	-0.76386093	0.08502032	0.5651182	NaN
##	[1441,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[1442,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1443,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1444,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1445,]	-0.27045191	-0.89138490	2.0673313	NaN
##	[1446,]	2.31994542	1.06142554	-0.9370948	NaN
##	[1447,]	2.31994542	0.08502032	-0.1859883	NaN
##	[1448,]	0.71636612	1.06142554	-0.1859883	NaN
##	[1449,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1450,]	-0.88721318	0.08502032	2.0673313	NaN
##	[1451,]	2.07324091	1.06142554	-0.9370948	NaN
##	[1452,]	0.09960485	-0.89138490	-0.9370948	NaN
##	[1453,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1454,]	0.22295710	1.06142554	-0.1859883	NaN
##	[1455,]	1.33312739	0.08502032	-0.9370948	NaN
##	[1456,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[1457,]	1.08642288	1.06142554	-0.9370948	NaN
##	[1458,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1459,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1460,]	0.46966161	-0.89138490	1.3162247	NaN
##	[1461,]	2.31994542	1.06142554	0.5651182	NaN
##	[1462,]	2.31994542	0.08502032	-0.1859883	NaN
##	[1463,]	1.82653640	-1.86779013	-0.1859883	NaN
##	[1464,]	-0.51715642	0.08502032	0.5651182	NaN
##	[1465,]	-0.51715642	0.08502032	1.3162247	NaN
##	[1466,]	1.70318415	-0.89138490	0.5651182	NaN
##	[1467,]	-0.39380417	-1.86779013	0.5651182	NaN
##	[1468,]	-0.64050868	0.08502032	-0.9370948	NaN
##	[1469,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1470,]	-0.14709966	0.08502032	0.5651182	NaN
##		EmployeeNumber	EnvironmentSatisfaction	Gender	HourlyRate
##	[1,]	-1.7007041856	-0.6603060	-1.2243282	1.382667732
##	[2,]	-1.6990431232	0.2545383	0.8162188	-0.240594893
##	[3,]	-1.6957209984	1.1693826	0.8162188	1.284288179
##	[4,]	-1.6940599359	1.1693826	-1.2243282	-0.486543776
##	[5,]	-1.6907378111	-1.5751502	0.8162188	-1.273580200
##	[6,]	-1.6890767487	1.1693826	0.8162188	0.644821084
##	[7,]	-1.6857546238	0.2545383	-1.2243282	0.743200637
##	[8,]	-1.6840935614	1.1693826	0.8162188	0.054543766
##	[9,]	-1.6824324990	1.1693826	0.8162188	-1.076821094
##	[10,]	-1.6807714366	0.2545383	0.8162188	1.382667732

##	[11,]	-1.6791103741	-1.5751502	0.8162188	0.890769967
##	[12,]	-1.6774493117	1.1693826	-1.2243282	-0.830872211
##	[13,]	-1.6757882493	-1.5751502	0.8162188	-1.716288189
##	[14,]	-1.6724661244	-0.6603060	0.8162188	1.333477955
##	[15,]	-1.6708050620	0.2545383	0.8162188	-0.781682435
##	[16,]	-1.6691439996	-0.6603060	-1.2243282	-0.732492658
##	[17,]	-1.6674829372	-1.5751502	0.8162188	0.694010860
##	[18,]	-1.6658218748	1.1693826	0.8162188	1.481047285
##	[19,]	-1.6641608123	-1.5751502	-1.2243282	0.595631307
##	[20,]	-1.6624997499	1.1693826	0.8162188	-1.027631318
##	[21,]	-1.6591776251	-1.5751502	-1.2243282	1.481047285
##	[22,]	-1.6575165626	0.2545383	0.8162188	0.792390413
##	[23,]	-1.6558555002	-1.5751502	-1.2243282	-0.634113105
##	[24,]	-1.6525333754	0.2545383	0.8162188	1.481047285
##	[25,]	-1.6508723130	-0.6603060	0.8162188	0.841580190
##	[26,]	-1.6492112505	0.2545383	-1.2243282	-0.388164223
##	[27,]	-1.6475501881	-0.6603060	-1.2243282	0.300492648
##	[28,]	-1.6442280633	0.2545383	0.8162188	-0.880061988
##	[29,]	-1.6425670008	-1.5751502	-1.2243282	-1.175200647
##	[30,]	-1.6392448760	-0.6603060	-1.2243282	0.841580190
##	[31,]	-1.6375838136	0.2545383	0.8162188	0.595631307
##	[32,]	-1.6359227511	1.1693826	0.8162188	-1.224390424
##	[33,]	-1.6342616887	1.1693826	0.8162188	0.841580190
##	[34,]	-1.6326006263	1.1693826	0.8162188	-0.486543776
##	[35,]	-1.6276174390	-0.6603060	0.8162188	-0.240594893
##	[36,]	-1.6259563766	1.1693826	-1.2243282	0.300492648
##	[37,]	-1.6242953142	-1.5751502	0.8162188	0.989149520
##	[38,]	-1.6209731893	1.1693826	-1.2243282	1.530237061
##	[39,]	-1.6176510645	-0.6603060	-1.2243282	0.792390413
##	[40,]	-1.6159900021	0.2545383	-1.2243282	-1.175200647
##	[41,]	-1.6143289397	0.2545383	0.8162188	0.448061978
##	[42,]	-1.6126678772	1.1693826	-1.2243282	-1.617908636
##	[43,]	-1.6110068148	-1.5751502	0.8162188	-0.880061988
##	[44,]	-1.6093457524	1.1693826	0.8162188	-1.421149530
##	[45,]	-1.6076846900	0.2545383	-1.2243282	-0.388164223
##	[46,]	-1.6060236275	-0.6603060	-1.2243282	-0.830872211
##	[47,]	-1.6027015027	-0.6603060	0.8162188	0.300492648
##	[48,]	-1.6010404403	-0.6603060	0.8162188	0.349682425
##	[49,]	-1.5993793779	-1.5751502	0.8162188	1.579426838
##	[50,]	-1.5977183154	1.1693826	0.8162188	-1.470339306
##	[51,]	-1.5960572530	-1.5751502	0.8162188	1.579426838
##	[52,]	-1.5943961906	0.2545383	0.8162188	-0.781682435
##	[53,]	-1.5894130033	-0.6603060	-1.2243282	0.448061978
##	[54,]	-1.5860908785	0.2545383	0.8162188	0.644821084
##	[55,]	-1.5827687536	0.2545383	-1.2243282	-0.929251764
##	[56,]	-1.5811076912	-1.5751502	-1.2243282	1.579426838
##	[57,]	-1.5794466288	-0.6603060	0.8162188	0.251302872
##	[58,]	-1.5777855664	0.2545383	-1.2243282	-1.765477965
##	[59,]	-1.5761245039	1.1693826	0.8162188	-0.880061988
##	[60,]	-1.5744634415	-1.5751502	0.8162188	-0.732492658
##	[61,]	-1.5728023791	-1.5751502	0.8162188	-1.617908636
##	[62,]	-1.5711413167	1.1693826	-1.2243282	-0.781682435
##	[63,]	-1.5694802543	-0.6603060	-1.2243282	-1.126010871
##	[64,]	-1.5678191918	-1.5751502	-1.2243282	1.628616614

##	[65,]	-1.5644970670	0.2545383	-1.2243282	-0.338974446
##	[66,]	-1.5628360046	1.1693826	-1.2243282	-1.617908636
##	[67,]	-1.5611749421	-0.6603060	0.8162188	1.431857508
##	[68,]	-1.5595138797	-0.6603060	0.8162188	-0.338974446
##	[69,]	-1.5561917549	-0.6603060	0.8162188	0.644821084
##	[70,]	-1.5528696300	1.1693826	0.8162188	0.644821084
##	[71,]	-1.5512085676	-1.5751502	-1.2243282	-0.437353999
##	[72,]	-1.5462253803	0.2545383	0.8162188	0.497251754
##	[73,]	-1.5445643179	0.2545383	0.8162188	1.038339296
##	[74,]	-1.5429032555	-0.6603060	0.8162188	0.005353989
##	[75,]	-1.5412421931	-0.6603060	-1.2243282	-0.535733552
##	[76,]	-1.5395811306	0.2545383	-1.2243282	-0.240594893
##	[77,]	-1.5362590058	0.2545383	0.8162188	-1.667098412
##	[78,]	-1.5345979434	1.1693826	0.8162188	-0.683302882
##	[79,]	-1.5329368810	-1.5751502	0.8162188	-1.765477965
##	[80,]	-1.5312758185	-0.6603060	0.8162188	0.694010860
##	[81,]	-1.5296147561	1.1693826	0.8162188	-0.535733552
##	[82,]	-1.5279536937	-0.6603060	0.8162188	-1.765477965
##	[83,]	-1.5262926313	-1.5751502	0.8162188	0.202113095
##	[84,]	-1.5246315688	-0.6603060	-1.2243282	0.644821084
##	[85,]	-1.5196483816	-1.5751502	0.8162188	1.382667732
##	[86,]	-1.5163262567	1.1693826	0.8162188	-0.830872211
##	[87,]	-1.5146651943	0.2545383	0.8162188	-0.191405117
##	[88,]	-1.5096820070	1.1693826	0.8162188	1.481047285
##	[89,]	-1.5080209446	0.2545383	0.8162188	1.628616614
##	[90,]	-1.5063598822	0.2545383	0.8162188	-0.093025564
##	[91,]	-1.5046988198	0.2545383	0.8162188	0.595631307
##	[92,]	-1.5030377574	0.2545383	0.8162188	0.251302872
##	[93,]	-1.5013766949	0.2545383	-1.2243282	-0.142215340
##	[94,]	-1.4963935077	0.2545383	0.8162188	-1.273580200
##	[95,]	-1.4947324452	-0.6603060	0.8162188	1.038339296
##	[96,]	-1.4930713828	-1.5751502	-1.2243282	-0.289784670
##	[97,]	-1.4897492580	-1.5751502	-1.2243282	-1.617908636
##	[98,]	-1.4880881956	-0.6603060	0.8162188	-1.126010871
##	[99,]	-1.4847660707	1.1693826	0.8162188	-1.421149530
##	[100,]	-1.4831050083	-0.6603060	0.8162188	0.054543766
##	[101,]	-1.4814439459	0.2545383	0.8162188	-0.142215340
##	[102,]	-1.4797828834	1.1693826	0.8162188	0.251302872
##	[103,]	-1.4747996962	1.1693826	-1.2243282	0.005353989
##	[104,]	-1.4731386338	-1.5751502	-1.2243282	-1.224390424
##	[105,]	-1.4714775713	0.2545383	0.8162188	1.677806391
##	[106,]	-1.4698165089	0.2545383	-1.2243282	-1.667098412
##	[107,]	-1.4681554465	-1.5751502	-1.2243282	0.349682425
##	[108,]	-1.4664943841	0.2545383	0.8162188	-0.978441541
##	[109,]	-1.4648333216	1.1693826	0.8162188	-0.093025564
##	[110,]	-1.4631722592	-0.6603060	-1.2243282	-0.338974446
##	[111,]	-1.4615111968	-1.5751502	-1.2243282	-1.765477965
##	[112,]	-1.4581890719	-1.5751502	0.8162188	0.005353989
##	[113,]	-1.4565280095	1.1693826	-1.2243282	-1.765477965
##	[114,]	-1.4532058847	-0.6603060	0.8162188	-0.683302882
##	[115,]	-1.4515448223	0.2545383	-1.2243282	-1.027631318
##	[116,]	-1.4498837598	0.2545383	0.8162188	1.038339296
##	[117,]	-1.4482226974	0.2545383	-1.2243282	-1.027631318
##	[118,]	-1.4465616350	-0.6603060	-1.2243282	1.284288179

##	[119,]	-1.4449005726	-1.5751502	-1.2243282	-1.322769977
##	[120,]	-1.4399173853	0.2545383	0.8162188	1.284288179
##	[121,]	-1.4382563229	-1.5751502	0.8162188	1.481047285
##	[122,]	-1.4365952605	0.2545383	0.8162188	1.431857508
##	[123,]	-1.4349341980	-0.6603060	-1.2243282	0.300492648
##	[124,]	-1.4332731356	-1.5751502	0.8162188	-0.732492658
##	[125,]	-1.4316120732	-0.6603060	0.8162188	0.497251754
##	[126,]	-1.4299510108	0.2545383	-1.2243282	-0.978441541
##	[127,]	-1.4282899483	1.1693826	-1.2243282	1.382667732
##	[128,]	-1.4249678235	1.1693826	0.8162188	-0.781682435
##	[129,]	-1.4216456987	0.2545383	0.8162188	1.677806391
##	[130,]	-1.4199846362	0.2545383	-1.2243282	1.481047285
##	[131,]	-1.4183235738	-0.6603060	-1.2243282	0.300492648
##	[132,]	-1.4133403865	0.2545383	-1.2243282	0.546441531
##	[133,]	-1.4116793241	-0.6603060	-1.2243282	0.251302872
##	[134,]	-1.4100182617	0.2545383	0.8162188	1.481047285
##	[135,]	-1.4083571993	0.2545383	-1.2243282	-0.240594893
##	[136,]	-1.4066961369	-0.6603060	0.8162188	0.890769967
##	[137,]	-1.4050350744	-1.5751502	0.8162188	-0.634113105
##	[138,]	-1.4000518872	1.1693826	-1.2243282	-0.929251764
##	[139,]	-1.3983908247	-1.5751502	0.8162188	-1.224390424
##	[140,]	-1.3967297623	0.2545383	0.8162188	-0.880061988
##	[141,]	-1.3867633878	-1.5751502	-1.2243282	-1.224390424
##	[142,]	-1.3834412629	0.2545383	0.8162188	0.841580190
##	[143,]	-1.3817802005	1.1693826	-1.2243282	-1.667098412
##	[144,]	-1.3801191381	-1.5751502	-1.2243282	0.448061978
##	[145,]	-1.3784580757	1.1693826	0.8162188	-1.519529083
##	[146,]	-1.3751359508	1.1693826	-1.2243282	0.890769967
##	[147,]	-1.3734748884	-0.6603060	0.8162188	-1.519529083
##	[148,]	-1.3718138260	1.1693826	0.8162188	1.235098402
##	[149,]	-1.3701527636	0.2545383	0.8162188	1.382667732
##	[150,]	-1.3684917011	-0.6603060	-1.2243282	0.644821084
##	[151,]	-1.3668306387	-0.6603060	-1.2243282	-0.584923329
##	[152,]	-1.3635085139	0.2545383	0.8162188	1.382667732
##	[153,]	-1.3618474514	-0.6603060	0.8162188	-1.568718859
##	[154,]	-1.3601863890	-0.6603060	0.8162188	-0.289784670
##	[155,]	-1.3585253266	-0.6603060	-1.2243282	-1.126010871
##	[156,]	-1.3568642642	1.1693826	0.8162188	-1.224390424
##	[157,]	-1.3518810769	-0.6603060	0.8162188	-1.568718859
##	[158,]	-1.3468978896	-0.6603060	-1.2243282	0.448061978
##	[159,]	-1.3452368272	0.2545383	0.8162188	0.054543766
##	[160,]	-1.3435757648	0.2545383	-1.2243282	0.448061978
##	[161,]	-1.3419147024	0.2545383	0.8162188	0.694010860
##	[162,]	-1.3402536400	1.1693826	0.8162188	-0.437353999
##	[163,]	-1.3352704527	0.2545383	0.8162188	-1.175200647
##	[164,]	-1.3319483278	0.2545383	0.8162188	0.841580190
##	[165,]	-1.3302872654	0.2545383	0.8162188	0.644821084
##	[166,]	-1.3269651406	0.2545383	-1.2243282	-0.634113105
##	[167,]	-1.3253040782	-1.5751502	0.8162188	-0.486543776
##	[168,]	-1.3236430157	-0.6603060	-1.2243282	-1.224390424
##	[169,]	-1.3203208909	-1.5751502	-1.2243282	-0.338974446
##	[170,]	-1.3186598285	0.2545383	0.8162188	-1.126010871
##	[171,]	-1.3153377036	0.2545383	0.8162188	-0.732492658
##	[172,]	-1.3120155788	0.2545383	-1.2243282	1.677806391

##	[173,]	-1.3070323915	1.1693826	0.8162188	-1.765477965
##	[174,]	-1.3053713291	0.2545383	0.8162188	0.005353989
##	[175,]	-1.3037102667	0.2545383	-1.2243282	-1.765477965
##	[176,]	-1.3020492042	0.2545383	-1.2243282	0.054543766
##	[177,]	-1.3003881418	0.2545383	0.8162188	1.185908626
##	[178,]	-1.2987270794	-0.6603060	0.8162188	-0.929251764
##	[179,]	-1.2970660170	-0.6603060	-1.2243282	1.284288179
##	[180,]	-1.2954049546	0.2545383	-1.2243282	0.448061978
##	[181,]	-1.2937438921	0.2545383	-1.2243282	1.431857508
##	[182,]	-1.2920828297	1.1693826	-1.2243282	1.431857508
##	[183,]	-1.2904217673	-0.6603060	-1.2243282	0.202113095
##	[184,]	-1.2887607049	0.2545383	0.8162188	0.989149520
##	[185,]	-1.2870996424	1.1693826	-1.2243282	-0.437353999
##	[186,]	-1.2837775176	1.1693826	-1.2243282	0.300492648
##	[187,]	-1.2821164552	1.1693826	-1.2243282	-0.978441541
##	[188,]	-1.2804553928	0.2545383	0.8162188	-0.240594893
##	[189,]	-1.2771332679	1.1693826	0.8162188	-1.027631318
##	[190,]	-1.2738111431	1.1693826	-1.2243282	1.579426838
##	[191,]	-1.2721500806	0.2545383	0.8162188	-0.043835787
##	[192,]	-1.2704890182	1.1693826	-1.2243282	1.628616614
##	[193,]	-1.2688279558	-0.6603060	0.8162188	-0.781682435
##	[194,]	-1.2671668934	1.1693826	0.8162188	-1.421149530
##	[195,]	-1.2638447685	-1.5751502	0.8162188	-0.043835787
##	[196,]	-1.2588615813	-0.6603060	0.8162188	-0.043835787
##	[197,]	-1.2555394564	-0.6603060	-1.2243282	-1.421149530
##	[198,]	-1.2538783940	0.2545383	-1.2243282	-1.470339306
##	[199,]	-1.2522173316	1.1693826	0.8162188	1.087529073
##	[200,]	-1.2488952067	1.1693826	0.8162188	-0.584923329
##	[201,]	-1.2472341443	0.2545383	0.8162188	-0.289784670
##	[202,]	-1.2455730819	1.1693826	0.8162188	1.284288179
##	[203,]	-1.2422509570	1.1693826	0.8162188	-1.126010871
##	[204,]	-1.2356067073	0.2545383	0.8162188	1.628616614
##	[205,]	-1.2339456449	-0.6603060	0.8162188	0.202113095
##	[206,]	-1.2322845825	-0.6603060	-1.2243282	-1.519529083
##	[207,]	-1.2306235201	1.1693826	0.8162188	-0.289784670
##	[208,]	-1.2273013952	-0.6603060	-1.2243282	0.349682425
##	[209,]	-1.2256403328	1.1693826	0.8162188	-0.142215340
##	[210,]	-1.2239792704	1.1693826	0.8162188	1.530237061
##	[211,]	-1.2189960831	1.1693826	0.8162188	-1.667098412
##	[212,]	-1.2173350207	0.2545383	0.8162188	1.087529073
##	[213,]	-1.2156739583	1.1693826	-1.2243282	1.185908626
##	[214,]	-1.2106907710	-0.6603060	0.8162188	0.743200637
##	[215,]	-1.2090297086	1.1693826	-1.2243282	1.087529073
##	[216,]	-1.2073686462	1.1693826	-1.2243282	0.448061978
##	[217,]	-1.2057075837	0.2545383	-1.2243282	-0.683302882
##	[218,]	-1.2040465213	0.2545383	0.8162188	0.939959743
##	[219,]	-1.2007243965	1.1693826	-1.2243282	-0.437353999
##	[220,]	-1.1990633341	1.1693826	-1.2243282	-0.683302882
##	[221,]	-1.1974022716	1.1693826	0.8162188	-0.191405117
##	[222,]	-1.1957412092	0.2545383	-1.2243282	-0.929251764
##	[223,]	-1.1940801468	-0.6603060	0.8162188	-0.929251764
##	[224,]	-1.1924190844	-1.5751502	0.8162188	0.497251754
##	[225,]	-1.1907580219	0.2545383	0.8162188	1.185908626
##	[226,]	-1.1890969595	0.2545383	0.8162188	0.202113095

##	[227,]	-1.1857748347	-1.5751502	0.8162188	-1.224390424
##	[228,]	-1.1841137722	-0.6603060	-1.2243282	-1.175200647
##	[229,]	-1.1807916474	0.2545383	-1.2243282	1.284288179
##	[230,]	-1.1791305850	0.2545383	0.8162188	0.989149520
##	[231,]	-1.1774695226	0.2545383	-1.2243282	1.136718849
##	[232,]	-1.1724863353	0.2545383	0.8162188	-0.388164223
##	[233,]	-1.1691642104	-0.6603060	0.8162188	-0.683302882
##	[234,]	-1.1658420856	1.1693826	-1.2243282	0.103733542
##	[235,]	-1.1625199608	0.2545383	0.8162188	-0.388164223
##	[236,]	-1.1591978359	1.1693826	-1.2243282	0.694010860
##	[237,]	-1.1575367735	-1.5751502	-1.2243282	-1.322769977
##	[238,]	-1.1558757111	-1.5751502	0.8162188	0.644821084
##	[239,]	-1.1542146486	0.2545383	-1.2243282	-0.486543776
##	[240,]	-1.1525535862	1.1693826	0.8162188	-0.191405117
##	[241,]	-1.1508925238	0.2545383	-1.2243282	1.481047285
##	[242,]	-1.1492314614	0.2545383	0.8162188	1.677806391
##	[243,]	-1.1475703990	0.2545383	0.8162188	-1.470339306
##	[244,]	-1.1459093365	-1.5751502	0.8162188	-0.191405117
##	[245,]	-1.1442482741	0.2545383	0.8162188	0.202113095
##	[246,]	-1.1425872117	-0.6603060	0.8162188	0.349682425
##	[247,]	-1.1409261493	0.2545383	-1.2243282	-0.142215340
##	[248,]	-1.1392650868	1.1693826	0.8162188	0.890769967
##	[249,]	-1.1376040244	0.2545383	-1.2243282	0.841580190
##	[250,]	-1.1359429620	-1.5751502	0.8162188	0.546441531
##	[251,]	-1.1342818996	-1.5751502	0.8162188	-0.240594893
##	[252,]	-1.1326208372	0.2545383	-1.2243282	-0.093025564
##	[253,]	-1.1276376499	0.2545383	0.8162188	-0.289784670
##	[254,]	-1.1259765875	1.1693826	-1.2243282	0.792390413
##	[255,]	-1.1226544626	1.1693826	0.8162188	-1.027631318
##	[256,]	-1.1209934002	-1.5751502	-1.2243282	-0.191405117
##	[257,]	-1.1193323378	1.1693826	-1.2243282	-0.486543776
##	[258,]	-1.1176712754	-1.5751502	0.8162188	-0.830872211
##	[259,]	-1.1160102129	0.2545383	0.8162188	1.481047285
##	[260,]	-1.1126880881	0.2545383	0.8162188	0.251302872
##	[261,]	-1.1060438384	-0.6603060	0.8162188	1.677806391
##	[262,]	-1.1027217136	1.1693826	0.8162188	-1.322769977
##	[263,]	-1.1010606511	1.1693826	0.8162188	0.890769967
##	[264,]	-1.0993995887	0.2545383	-1.2243282	0.448061978
##	[265,]	-1.0977385263	-1.5751502	0.8162188	0.644821084
##	[266,]	-1.0944164014	-1.5751502	0.8162188	0.595631307
##	[267,]	-1.0927553390	-0.6603060	0.8162188	-0.093025564
##	[268,]	-1.0894332142	-0.6603060	0.8162188	0.939959743
##	[269,]	-1.0844500269	0.2545383	0.8162188	0.644821084
##	[270,]	-1.0827889645	1.1693826	0.8162188	-0.929251764
##	[271,]	-1.0811279021	1.1693826	0.8162188	0.743200637
##	[272,]	-1.0778057772	-1.5751502	0.8162188	1.087529073
##	[273,]	-1.0761447148	1.1693826	0.8162188	1.382667732
##	[274,]	-1.0744836524	0.2545383	0.8162188	1.579426838
##	[275,]	-1.0728225899	1.1693826	0.8162188	1.677806391
##	[276,]	-1.0711615275	-1.5751502	-1.2243282	0.694010860
##	[277,]	-1.0695004651	-0.6603060	-1.2243282	0.251302872
##	[278,]	-1.0678394027	-1.5751502	-1.2243282	-1.076821094
##	[279,]	-1.0645172778	0.2545383	-1.2243282	0.890769967
##	[280,]	-1.0628562154	-1.5751502	0.8162188	1.481047285

## [281,]	-1.0611951530	0.2545383	0.8162188	-1.027631318
## [282,]	-1.0595340906	-0.6603060	0.8162188	1.628616614
## [283,]	-1.0578730281	-0.6603060	0.8162188	-1.076821094
## [284,]	-1.0562119657	-0.6603060	0.8162188	-1.421149530
## [285,]	-1.0545509033	-1.5751502	0.8162188	-0.289784670
## [286,]	-1.0528898409	1.1693826	-1.2243282	-1.175200647
## [287,]	-1.0512287785	1.1693826	0.8162188	-1.126010871
## [288,]	-1.0495677160	1.1693826	0.8162188	0.792390413
## [289,]	-1.0479066536	-1.5751502	0.8162188	-1.027631318
## [290,]	-1.0462455912	1.1693826	-1.2243282	0.005353989
## [291,]	-1.0445845288	0.2545383	-1.2243282	-1.519529083
## [292,]	-1.0429234663	0.2545383	0.8162188	-1.765477965
## [293,]	-1.0396013415	1.1693826	-1.2243282	0.890769967
## [294,]	-1.0362792167	1.1693826	0.8162188	-0.880061988
## [295,]	-1.0329570918	-0.6603060	0.8162188	-0.634113105
## [296,]	-1.0312960294	0.2545383	-1.2243282	0.546441531
## [297,]	-1.0296349670	0.2545383	0.8162188	-0.584923329
## [298,]	-1.0279739045	0.2545383	0.8162188	1.481047285
## [299,]	-1.0263128421	0.2545383	0.8162188	0.743200637
## [300,]	-1.0246517797	1.1693826	0.8162188	0.890769967
## [301,]	-1.0213296549	1.1693826	0.8162188	1.087529073
## [302,]	-1.0196685924	1.1693826	-1.2243282	0.152923319
## [303,]	-1.0180075300	-0.6603060	0.8162188	0.103733542
## [304,]	-1.0113632803	-0.6603060	0.8162188	1.677806391
## [305,]	-1.0097022179	0.2545383	0.8162188	-0.880061988
## [306,]	-1.0063800931	-0.6603060	-1.2243282	-0.929251764
## [307,]	-1.0047190306	1.1693826	0.8162188	1.235098402
## [308,]	-1.0030579682	-1.5751502	-1.2243282	0.743200637
## [309,]	-1.0013969058	1.1693826	0.8162188	-1.667098412
## [310,]	-0.9997358434	0.2545383	0.8162188	0.989149520
## [311,]	-0.9980747809	-1.5751502	0.8162188	-0.191405117
## [312,]	-0.9964137185	-1.5751502	0.8162188	1.530237061
## [313,]	-0.9947526561	0.2545383	0.8162188	-1.667098412
## [314,]	-0.9914305312	1.1693826	-1.2243282	0.398872201
## [315,]	-0.9897694688	0.2545383	0.8162188	1.628616614
## [316,]	-0.9881084064	0.2545383	-1.2243282	-1.617908636
## [317,]	-0.9864473440	0.2545383	-1.2243282	1.185908626
## [318,]	-0.9831252191	0.2545383	0.8162188	0.939959743
## [319,]	-0.9814641567	0.2545383	-1.2243282	0.939959743
## [320,]	-0.9781420319	0.2545383	-1.2243282	-0.043835787
## [321,]	-0.9764809694	1.1693826	0.8162188	0.398872201
## [322,]	-0.9748199070	1.1693826	0.8162188	0.349682425
## [323,]	-0.9731588446	-1.5751502	-1.2243282	0.398872201
## [324,]	-0.9714977822	-1.5751502	0.8162188	0.890769967
## [325,]	-0.9698367198	1.1693826	-1.2243282	-0.093025564
## [326,]	-0.9681756573	0.2545383	-1.2243282	-0.880061988
## [327,]	-0.9648535325	0.2545383	0.8162188	-0.584923329
## [328,]	-0.9631924701	1.1693826	-1.2243282	-1.224390424
## [329,]	-0.9615314076	-0.6603060	0.8162188	-0.978441541
## [330,]	-0.9598703452	1.1693826	0.8162188	-1.175200647
## [331,]	-0.9582092828	0.2545383	-1.2243282	0.792390413
## [332,]	-0.9565482204	0.2545383	0.8162188	0.349682425
## [333,]	-0.9548871580	1.1693826	-1.2243282	-1.716288189
## [334,]	-0.9532260955	0.2545383	-1.2243282	-1.126010871

##	[335,]	-0.9515650331	1.1693826	0.8162188	0.448061978
##	[336,]	-0.9499039707	-0.6603060	0.8162188	-0.437353999
##	[337,]	-0.9482429083	-0.6603060	0.8162188	0.546441531
##	[338,]	-0.9465818458	-0.6603060	0.8162188	-1.765477965
##	[339,]	-0.9449207834	1.1693826	-1.2243282	-1.765477965
##	[340,]	-0.9415986586	-0.6603060	-1.2243282	-0.486543776
##	[341,]	-0.9382765337	1.1693826	0.8162188	-0.240594893
##	[342,]	-0.9366154713	0.2545383	0.8162188	1.284288179
##	[343,]	-0.9349544089	0.2545383	-1.2243282	-1.322769977
##	[344,]	-0.9332933465	1.1693826	-1.2243282	-1.322769977
##	[345,]	-0.9316322840	0.2545383	0.8162188	-0.191405117
##	[346,]	-0.9299712216	0.2545383	0.8162188	0.841580190
##	[347,]	-0.9283101592	1.1693826	0.8162188	1.431857508
##	[348,]	-0.9266490968	-0.6603060	0.8162188	1.628616614
##	[349,]	-0.9249880344	-1.5751502	-1.2243282	-1.076821094
##	[350,]	-0.9233269719	1.1693826	0.8162188	-0.240594893
##	[351,]	-0.9216659095	0.2545383	0.8162188	-0.683302882
##	[352,]	-0.9200048471	0.2545383	-1.2243282	0.448061978
##	[353,]	-0.9166827222	-1.5751502	-1.2243282	1.235098402
##	[354,]	-0.9150216598	0.2545383	0.8162188	-0.732492658
##	[355,]	-0.9133605974	1.1693826	-1.2243282	0.939959743
##	[356,]	-0.9116995350	0.2545383	0.8162188	-0.437353999
##	[357,]	-0.9100384725	-1.5751502	0.8162188	1.579426838
##	[358,]	-0.9083774101	-1.5751502	-1.2243282	1.628616614
##	[359,]	-0.9067163477	1.1693826	-1.2243282	-1.027631318
##	[360,]	-0.9033942229	-1.5751502	0.8162188	-0.880061988
##	[361,]	-0.9017331604	1.1693826	0.8162188	1.087529073
##	[362,]	-0.9000720980	1.1693826	-1.2243282	-0.978441541
##	[363,]	-0.8984110356	-1.5751502	0.8162188	-1.322769977
##	[364,]	-0.8967499732	1.1693826	-1.2243282	-1.568718859
##	[365,]	-0.8950889107	0.2545383	-1.2243282	1.579426838
##	[366,]	-0.8934278483	0.2545383	-1.2243282	-1.765477965
##	[367,]	-0.8917667859	-1.5751502	0.8162188	-0.486543776
##	[368,]	-0.8867835986	1.1693826	0.8162188	1.677806391
##	[369,]	-0.8851225362	0.2545383	0.8162188	0.103733542
##	[370,]	-0.8834614738	0.2545383	0.8162188	-1.175200647
##	[371,]	-0.8818004114	0.2545383	-1.2243282	1.185908626
##	[372,]	-0.8801393489	1.1693826	0.8162188	-0.584923329
##	[373,]	-0.8784782865	0.2545383	0.8162188	1.530237061
##	[374,]	-0.8768172241	1.1693826	0.8162188	0.792390413
##	[375,]	-0.8751561617	-0.6603060	0.8162188	1.284288179
##	[376,]	-0.8734950993	-0.6603060	0.8162188	-1.716288189
##	[377,]	-0.8718340368	0.2545383	-1.2243282	1.038339296
##	[378,]	-0.8701729744	1.1693826	-1.2243282	1.481047285
##	[379,]	-0.8685119120	-1.5751502	0.8162188	0.054543766
##	[380,]	-0.8635287247	0.2545383	-1.2243282	1.530237061
##	[381,]	-0.8602065999	1.1693826	-1.2243282	0.546441531
##	[382,]	-0.8585455375	0.2545383	0.8162188	0.300492648
##	[383,]	-0.8552234126	0.2545383	0.8162188	0.349682425
##	[384,]	-0.8535623502	-1.5751502	-1.2243282	-1.126010871
##	[385,]	-0.8502402253	-0.6603060	0.8162188	-0.240594893
##	[386,]	-0.8485791629	0.2545383	0.8162188	-1.273580200
##	[387,]	-0.8469181005	1.1693826	-1.2243282	1.431857508
##	[388,]	-0.8452570381	1.1693826	-1.2243282	-0.978441541

##	[389,]	-0.8435959757	-0.6603060	-1.2243282	1.431857508
##	[390,]	-0.8419349132	0.2545383	0.8162188	-0.830872211
##	[391,]	-0.8386127884	-1.5751502	0.8162188	-0.338974446
##	[392,]	-0.8369517260	-0.6603060	-1.2243282	0.595631307
##	[393,]	-0.8352906635	-1.5751502	0.8162188	0.989149520
##	[394,]	-0.8336296011	0.2545383	-1.2243282	0.300492648
##	[395,]	-0.8319685387	-0.6603060	-1.2243282	-1.716288189
##	[396,]	-0.8303074763	1.1693826	0.8162188	-0.240594893
##	[397,]	-0.8286464139	0.2545383	-1.2243282	0.398872201
##	[398,]	-0.8269853514	-0.6603060	-1.2243282	1.628616614
##	[399,]	-0.8236632266	-0.6603060	-1.2243282	0.300492648
##	[400,]	-0.8220021642	1.1693826	0.8162188	1.579426838
##	[401,]	-0.8203411017	-0.6603060	0.8162188	-0.683302882
##	[402,]	-0.8186800393	0.2545383	-1.2243282	0.989149520
##	[403,]	-0.8170189769	-0.6603060	-1.2243282	0.841580190
##	[404,]	-0.8153579145	-0.6603060	0.8162188	-0.830872211
##	[405,]	-0.8120357896	0.2545383	0.8162188	0.644821084
##	[406,]	-0.8087136648	-1.5751502	0.8162188	1.235098402
##	[407,]	-0.8004083527	1.1693826	0.8162188	-1.322769977
##	[408,]	-0.7987472902	-1.5751502	0.8162188	0.152923319
##	[409,]	-0.7954251654	1.1693826	-1.2243282	-1.765477965
##	[410,]	-0.7937641030	-1.5751502	-1.2243282	1.284288179
##	[411,]	-0.7921030406	0.2545383	-1.2243282	-1.126010871
##	[412,]	-0.7904419781	-1.5751502	-1.2243282	-1.224390424
##	[413,]	-0.7887809157	0.2545383	-1.2243282	1.038339296
##	[414,]	-0.7871198533	1.1693826	-1.2243282	1.087529073
##	[415,]	-0.7821366660	-1.5751502	-1.2243282	-0.191405117
##	[416,]	-0.7804756036	1.1693826	-1.2243282	-1.617908636
##	[417,]	-0.7788145412	1.1693826	0.8162188	-1.175200647
##	[418,]	-0.7754924163	0.2545383	-1.2243282	0.644821084
##	[419,]	-0.7721702915	-1.5751502	-1.2243282	1.185908626
##	[420,]	-0.7688481666	0.2545383	0.8162188	-0.634113105
##	[421,]	-0.7655260418	-0.6603060	0.8162188	1.333477955
##	[422,]	-0.7638649794	0.2545383	-1.2243282	0.251302872
##	[423,]	-0.7622039170	-1.5751502	0.8162188	-0.683302882
##	[424,]	-0.7605428545	0.2545383	-1.2243282	0.152923319
##	[425,]	-0.7588817921	-1.5751502	0.8162188	-0.486543776
##	[426,]	-0.7572207297	-0.6603060	0.8162188	1.087529073
##	[427,]	-0.7538986048	0.2545383	-1.2243282	-0.830872211
##	[428,]	-0.7505764800	0.2545383	-1.2243282	0.694010860
##	[429,]	-0.7489154176	-1.5751502	-1.2243282	-0.043835787
##	[430,]	-0.7472543552	-1.5751502	0.8162188	-0.732492658
##	[431,]	-0.7439322303	1.1693826	0.8162188	-0.978441541
##	[432,]	-0.7422711679	0.2545383	-1.2243282	-1.175200647
##	[433,]	-0.7406101055	1.1693826	0.8162188	-0.191405117
##	[434,]	-0.7389490430	0.2545383	-1.2243282	1.382667732
##	[435,]	-0.7372879806	0.2545383	0.8162188	-1.617908636
##	[436,]	-0.7356269182	-0.6603060	0.8162188	-0.486543776
##	[437,]	-0.7323047934	-1.5751502	0.8162188	-1.371959753
##	[438,]	-0.7306437309	1.1693826	0.8162188	-0.437353999
##	[439,]	-0.7289826685	1.1693826	0.8162188	0.300492648
##	[440,]	-0.7273216061	-1.5751502	0.8162188	0.005353989
##	[441,]	-0.7223384188	-0.6603060	-1.2243282	-1.126010871
##	[442,]	-0.7206773564	-0.6603060	0.8162188	1.530237061

##	[443,]	-0.7190162940	-0.6603060	0.8162188	-1.667098412
##	[444,]	-0.7173552315	0.2545383	0.8162188	1.628616614
##	[445,]	-0.7140331067	-0.6603060	-1.2243282	-1.421149530
##	[446,]	-0.7107109819	-1.5751502	-1.2243282	0.841580190
##	[447,]	-0.7073888570	1.1693826	0.8162188	-0.486543776
##	[448,]	-0.7057277946	-0.6603060	0.8162188	0.939959743
##	[449,]	-0.7040667322	-0.6603060	-1.2243282	0.448061978
##	[450,]	-0.7024056697	0.2545383	-1.2243282	-0.880061988
##	[451,]	-0.6990835449	-0.6603060	0.8162188	0.546441531
##	[452,]	-0.6974224825	1.1693826	0.8162188	-0.486543776
##	[453,]	-0.6957614201	1.1693826	0.8162188	-0.240594893
##	[454,]	-0.6924392952	-0.6603060	-1.2243282	-0.388164223
##	[455,]	-0.6874561079	1.1693826	0.8162188	-1.568718859
##	[456,]	-0.6857950455	-1.5751502	-1.2243282	1.431857508
##	[457,]	-0.6841339831	0.2545383	0.8162188	-1.076821094
##	[458,]	-0.6824729207	-0.6603060	0.8162188	0.152923319
##	[459,]	-0.6808118583	0.2545383	0.8162188	-0.388164223
##	[460,]	-0.6791507958	-1.5751502	-1.2243282	-0.191405117
##	[461,]	-0.6758286710	-1.5751502	0.8162188	-1.027631318
##	[462,]	-0.6725065461	-1.5751502	-1.2243282	0.694010860
##	[463,]	-0.6708454837	1.1693826	0.8162188	0.398872201
##	[464,]	-0.6691844213	0.2545383	0.8162188	0.005353989
##	[465,]	-0.6675233589	-0.6603060	-1.2243282	-0.338974446
##	[466,]	-0.6658622965	-1.5751502	-1.2243282	0.989149520
##	[467,]	-0.6642012340	-0.6603060	-1.2243282	1.235098402
##	[468,]	-0.6625401716	-1.5751502	0.8162188	0.152923319
##	[469,]	-0.6558959219	1.1693826	0.8162188	0.595631307
##	[470,]	-0.6542348595	1.1693826	0.8162188	-0.289784670
##	[471,]	-0.6525737971	1.1693826	0.8162188	-1.371959753
##	[472,]	-0.6492516722	0.2545383	-1.2243282	0.497251754
##	[473,]	-0.6475906098	-0.6603060	-1.2243282	-0.043835787
##	[474,]	-0.6426074225	1.1693826	0.8162188	-0.388164223
##	[475,]	-0.6409463601	-0.6603060	0.8162188	1.136718849
##	[476,]	-0.6376242353	-1.5751502	0.8162188	0.005353989
##	[477,]	-0.6343021104	1.1693826	0.8162188	1.382667732
##	[478,]	-0.6326410480	-1.5751502	0.8162188	1.628616614
##	[479,]	-0.6309799856	-0.6603060	0.8162188	-1.273580200
##	[480,]	-0.6276578607	-1.5751502	-1.2243282	-0.535733552
##	[481,]	-0.6259967983	-0.6603060	0.8162188	0.398872201
##	[482,]	-0.6243357359	-0.6603060	0.8162188	0.841580190
##	[483,]	-0.6226746735	-0.6603060	0.8162188	-0.978441541
##	[484,]	-0.6193525486	-1.5751502	0.8162188	-0.584923329
##	[485,]	-0.6176914862	-1.5751502	0.8162188	0.005353989
##	[486,]	-0.6143693614	-1.5751502	-1.2243282	0.005353989
##	[487,]	-0.6127082989	1.1693826	0.8162188	0.448061978
##	[488,]	-0.6110472365	1.1693826	-1.2243282	0.841580190
##	[489,]	-0.6077251117	0.2545383	-1.2243282	0.743200637
##	[490,]	-0.6044029868	-0.6603060	0.8162188	-0.781682435
##	[491,]	-0.6027419244	0.2545383	-1.2243282	-1.126010871
##	[492,]	-0.6010808620	1.1693826	0.8162188	0.300492648
##	[493,]	-0.5994197996	1.1693826	-1.2243282	-1.273580200
##	[494,]	-0.5977587371	-1.5751502	-1.2243282	-0.781682435
##	[495,]	-0.5960976747	0.2545383	-1.2243282	-1.716288189
##	[496,]	-0.5944366123	0.2545383	0.8162188	0.939959743

##	[497,]	-0.5911144874	0.2545383	0.8162188	-0.830872211
##	[498,]	-0.5877923626	1.1693826	0.8162188	-1.519529083
##	[499,]	-0.5811481129	-1.5751502	0.8162188	0.152923319
##	[500,]	-0.5778259881	0.2545383	0.8162188	-1.322769977
##	[501,]	-0.5745038632	-1.5751502	-1.2243282	1.284288179
##	[502,]	-0.5728428008	0.2545383	-1.2243282	0.251302872
##	[503,]	-0.5695206760	1.1693826	-1.2243282	-1.568718859
##	[504,]	-0.5678596135	-0.6603060	0.8162188	-1.175200647
##	[505,]	-0.5661985511	-1.5751502	-1.2243282	1.677806391
##	[506,]	-0.5628764263	0.2545383	-1.2243282	0.251302872
##	[507,]	-0.5578932390	0.2545383	0.8162188	-1.470339306
##	[508,]	-0.5562321766	-0.6603060	-1.2243282	-0.191405117
##	[509,]	-0.5545711142	-0.6603060	0.8162188	0.792390413
##	[510,]	-0.5529100517	0.2545383	0.8162188	-1.765477965
##	[511,]	-0.5429436772	0.2545383	0.8162188	1.087529073
##	[512,]	-0.5412826148	-0.6603060	0.8162188	-0.880061988
##	[513,]	-0.5396215523	-1.5751502	0.8162188	-0.584923329
##	[514,]	-0.5379604899	1.1693826	0.8162188	-1.667098412
##	[515,]	-0.5362994275	-1.5751502	0.8162188	0.202113095
##	[516,]	-0.5329773027	0.2545383	0.8162188	-1.224390424
##	[517,]	-0.5313162402	-1.5751502	0.8162188	-0.388164223
##	[518,]	-0.5279941154	1.1693826	0.8162188	-0.437353999
##	[519,]	-0.5246719905	1.1693826	-1.2243282	-0.978441541
##	[520,]	-0.5230109281	-0.6603060	0.8162188	0.497251754
##	[521,]	-0.5196888033	-0.6603060	0.8162188	-0.486543776
##	[522,]	-0.5163666784	1.1693826	-1.2243282	0.251302872
##	[523,]	-0.5147056160	1.1693826	0.8162188	0.694010860
##	[524,]	-0.5130445536	1.1693826	0.8162188	0.398872201
##	[525,]	-0.5113834912	1.1693826	-1.2243282	-0.978441541
##	[526,]	-0.5064003039	-1.5751502	-1.2243282	-0.043835787
##	[527,]	-0.5047392415	1.1693826	-1.2243282	0.694010860
##	[528,]	-0.5030781791	1.1693826	0.8162188	-0.535733552
##	[529,]	-0.5014171166	-0.6603060	0.8162188	-0.781682435
##	[530,]	-0.4997560542	-0.6603060	-1.2243282	-1.617908636
##	[531,]	-0.4980949918	0.2545383	-1.2243282	0.103733542
##	[532,]	-0.4947728669	0.2545383	-1.2243282	-1.322769977
##	[533,]	-0.4931118045	1.1693826	0.8162188	-1.175200647
##	[534,]	-0.4914507421	1.1693826	0.8162188	-0.880061988
##	[535,]	-0.4897896797	0.2545383	0.8162188	-0.338974446
##	[536,]	-0.4881286173	-0.6603060	0.8162188	0.349682425
##	[537,]	-0.4864675548	-1.5751502	0.8162188	0.890769967
##	[538,]	-0.4848064924	1.1693826	0.8162188	-1.667098412
##	[539,]	-0.4831454300	1.1693826	0.8162188	-0.338974446
##	[540,]	-0.4765011803	1.1693826	0.8162188	-0.584923329
##	[541,]	-0.4715179930	-1.5751502	-1.2243282	0.054543766
##	[542,]	-0.4698569306	-1.5751502	-1.2243282	-0.142215340
##	[543,]	-0.4681958682	0.2545383	-1.2243282	0.743200637
##	[544,]	-0.4665348058	-1.5751502	0.8162188	-0.830872211
##	[545,]	-0.4632126809	1.1693826	-1.2243282	-0.830872211
##	[546,]	-0.4615516185	0.2545383	0.8162188	1.628616614
##	[547,]	-0.4582294937	0.2545383	0.8162188	1.628616614
##	[548,]	-0.4532463064	0.2545383	0.8162188	-0.437353999
##	[549,]	-0.4499241815	1.1693826	0.8162188	-0.929251764
##	[550,]	-0.4449409943	-0.6603060	-1.2243282	1.481047285

##	[551,]	-0.4432799318	-0.6603060	0.8162188	-1.421149530
##	[552,]	-0.4399578070	0.2545383	-1.2243282	-1.076821094
##	[553,]	-0.4366356822	0.2545383	0.8162188	0.743200637
##	[554,]	-0.4349746197	1.1693826	-1.2243282	0.989149520
##	[555,]	-0.4333135573	1.1693826	-1.2243282	-0.535733552
##	[556,]	-0.4299914325	1.1693826	0.8162188	0.841580190
##	[557,]	-0.4250082452	1.1693826	0.8162188	0.989149520
##	[558,]	-0.4216861204	1.1693826	-1.2243282	-0.240594893
##	[559,]	-0.4200250579	-1.5751502	0.8162188	0.694010860
##	[560,]	-0.4183639955	1.1693826	0.8162188	1.284288179
##	[561,]	-0.4150418707	-0.6603060	-1.2243282	-1.667098412
##	[562,]	-0.4133808082	0.2545383	0.8162188	-1.716288189
##	[563,]	-0.4067365586	1.1693826	0.8162188	-0.142215340
##	[564,]	-0.4050754961	0.2545383	-1.2243282	-1.667098412
##	[565,]	-0.4017533713	-0.6603060	0.8162188	-0.978441541
##	[566,]	-0.4000923089	-1.5751502	0.8162188	0.644821084
##	[567,]	-0.3984312464	-0.6603060	-1.2243282	0.546441531
##	[568,]	-0.3967701840	1.1693826	0.8162188	-0.289784670
##	[569,]	-0.3951091216	1.1693826	0.8162188	0.595631307
##	[570,]	-0.3917869968	-1.5751502	0.8162188	0.497251754
##	[571,]	-0.3884648719	1.1693826	0.8162188	-1.224390424
##	[572,]	-0.3868038095	-1.5751502	-1.2243282	0.251302872
##	[573,]	-0.3851427471	-0.6603060	-1.2243282	0.005353989
##	[574,]	-0.3801595598	1.1693826	0.8162188	-1.371959753
##	[575,]	-0.3784984974	-0.6603060	-1.2243282	0.300492648
##	[576,]	-0.3751763725	1.1693826	-1.2243282	1.431857508
##	[577,]	-0.3735153101	0.2545383	0.8162188	0.890769967
##	[578,]	-0.3701931853	1.1693826	-1.2243282	0.792390413
##	[579,]	-0.3685321228	-1.5751502	-1.2243282	0.448061978
##	[580,]	-0.3668710604	0.2545383	-1.2243282	0.989149520
##	[581,]	-0.3652099980	-1.5751502	-1.2243282	0.300492648
##	[582,]	-0.3635489356	1.1693826	0.8162188	-1.371959753
##	[583,]	-0.3618878731	0.2545383	-1.2243282	-1.371959753
##	[584,]	-0.3602268107	0.2545383	-1.2243282	1.333477955
##	[585,]	-0.3585657483	-0.6603060	0.8162188	0.005353989
##	[586,]	-0.3552436235	0.2545383	0.8162188	-0.142215340
##	[587,]	-0.3535825610	0.2545383	0.8162188	-0.289784670
##	[588,]	-0.3519214986	1.1693826	-1.2243282	0.792390413
##	[589,]	-0.3485993738	0.2545383	0.8162188	-0.093025564
##	[590,]	-0.3469383113	-0.6603060	-1.2243282	-1.470339306
##	[591,]	-0.3452772489	0.2545383	0.8162188	-0.830872211
##	[592,]	-0.3419551241	-1.5751502	-1.2243282	0.152923319
##	[593,]	-0.3402940617	0.2545383	-1.2243282	-1.617908636
##	[594,]	-0.3353108744	0.2545383	-1.2243282	-1.519529083
##	[595,]	-0.3336498120	0.2545383	0.8162188	0.743200637
##	[596,]	-0.3319887495	1.1693826	0.8162188	-1.716288189
##	[597,]	-0.3303276871	1.1693826	-1.2243282	-1.273580200
##	[598,]	-0.3286666247	1.1693826	-1.2243282	-1.126010871
##	[599,]	-0.3270055623	0.2545383	0.8162188	-0.978441541
##	[600,]	-0.3253444999	0.2545383	0.8162188	-1.470339306
##	[601,]	-0.3236834374	0.2545383	-1.2243282	1.579426838
##	[602,]	-0.3203613126	-1.5751502	0.8162188	-0.732492658
##	[603,]	-0.3187002502	0.2545383	-1.2243282	-0.683302882
##	[604,]	-0.3170391877	-0.6603060	-1.2243282	1.431857508

##	[605,]	-0.3137170629	-0.6603060	0.8162188	1.579426838
##	[606,]	-0.3120560005	-1.5751502	0.8162188	-1.027631318
##	[607,]	-0.3103949381	0.2545383	-1.2243282	1.677806391
##	[608,]	-0.3070728132	0.2545383	-1.2243282	-1.126010871
##	[609,]	-0.3037506884	0.2545383	0.8162188	-1.421149530
##	[610,]	-0.3020896259	-0.6603060	0.8162188	1.382667732
##	[611,]	-0.3004285635	0.2545383	0.8162188	-1.175200647
##	[612,]	-0.2987675011	0.2545383	0.8162188	-0.338974446
##	[613,]	-0.2971064387	-0.6603060	-1.2243282	0.743200637
##	[614,]	-0.2954453763	0.2545383	0.8162188	1.087529073
##	[615,]	-0.2937843138	0.2545383	-1.2243282	1.087529073
##	[616,]	-0.2904621890	1.1693826	0.8162188	-0.781682435
##	[617,]	-0.2888011266	-1.5751502	-1.2243282	0.005353989
##	[618,]	-0.2871400641	1.1693826	0.8162188	-0.781682435
##	[619,]	-0.2838179393	-1.5751502	0.8162188	-0.043835787
##	[620,]	-0.2821568769	-1.5751502	0.8162188	-0.880061988
##	[621,]	-0.2804958145	0.2545383	-1.2243282	-0.634113105
##	[622,]	-0.2788347520	-0.6603060	0.8162188	-0.486543776
##	[623,]	-0.2755126272	-0.6603060	0.8162188	0.349682425
##	[624,]	-0.2721905023	-0.6603060	0.8162188	0.448061978
##	[625,]	-0.2705294399	-1.5751502	-1.2243282	0.595631307
##	[626,]	-0.2672073151	1.1693826	0.8162188	0.398872201
##	[627,]	-0.2655462526	0.2545383	-1.2243282	1.235098402
##	[628,]	-0.2622241278	0.2545383	-1.2243282	0.743200637
##	[629,]	-0.2605630654	1.1693826	0.8162188	0.005353989
##	[630,]	-0.2589020030	-0.6603060	0.8162188	-0.142215340
##	[631,]	-0.2539188157	1.1693826	0.8162188	-1.617908636
##	[632,]	-0.2505966908	-1.5751502	0.8162188	-0.191405117
##	[633,]	-0.2489356284	-0.6603060	0.8162188	-1.519529083
##	[634,]	-0.2439524412	-1.5751502	0.8162188	0.546441531
##	[635,]	-0.2422913787	0.2545383	0.8162188	1.579426838
##	[636,]	-0.2406303163	1.1693826	-1.2243282	0.005353989
##	[637,]	-0.2389692539	1.1693826	-1.2243282	1.481047285
##	[638,]	-0.2373081915	1.1693826	0.8162188	-0.240594893
##	[639,]	-0.2323250042	0.2545383	0.8162188	1.038339296
##	[640,]	-0.2290028794	0.2545383	-1.2243282	-1.470339306
##	[641,]	-0.2273418169	-1.5751502	0.8162188	-0.978441541
##	[642,]	-0.2256807545	-0.6603060	0.8162188	-0.880061988
##	[643,]	-0.2190365048	-0.6603060	0.8162188	1.579426838
##	[644,]	-0.2173754424	0.2545383	-1.2243282	1.431857508
##	[645,]	-0.2157143800	1.1693826	0.8162188	-0.880061988
##	[646,]	-0.2140533176	-0.6603060	-1.2243282	-0.880061988
##	[647,]	-0.2123922551	-1.5751502	0.8162188	0.349682425
##	[648,]	-0.2090701303	1.1693826	0.8162188	0.595631307
##	[649,]	-0.2074090679	0.2545383	-1.2243282	-0.584923329
##	[650,]	-0.2057480054	1.1693826	-1.2243282	0.300492648
##	[651,]	-0.2040869430	1.1693826	-1.2243282	-1.617908636
##	[652,]	-0.2024258806	0.2545383	-1.2243282	-1.519529083
##	[653,]	-0.2007648182	-1.5751502	0.8162188	-1.667098412
##	[654,]	-0.1991037558	-1.5751502	0.8162188	1.579426838
##	[655,]	-0.1924595061	1.1693826	-1.2243282	-1.175200647
##	[656,]	-0.1907984436	1.1693826	0.8162188	-0.437353999
##	[657,]	-0.1891373812	-1.5751502	0.8162188	1.038339296
##	[658,]	-0.1874763188	-1.5751502	-1.2243282	-0.191405117

##	[659,]	-0.1858152564	-0.6603060	0.8162188	-0.240594893
##	[660,]	-0.1808320691	-1.5751502	0.8162188	1.579426838
##	[661,]	-0.1775099443	1.1693826	0.8162188	-0.437353999
##	[662,]	-0.1741878194	-1.5751502	-1.2243282	-0.535733552
##	[663,]	-0.1708656946	0.2545383	-1.2243282	-0.830872211
##	[664,]	-0.1692046321	1.1693826	-1.2243282	-0.043835787
##	[665,]	-0.1675435697	0.2545383	0.8162188	0.103733542
##	[666,]	-0.1658825073	1.1693826	-1.2243282	-0.043835787
##	[667,]	-0.1642214449	-0.6603060	-1.2243282	-1.568718859
##	[668,]	-0.1625603825	-0.6603060	-1.2243282	-0.437353999
##	[669,]	-0.1575771952	0.2545383	-1.2243282	0.546441531
##	[670,]	-0.1542550703	1.1693826	0.8162188	0.202113095
##	[671,]	-0.1525940079	-0.6603060	-1.2243282	0.497251754
##	[672,]	-0.1509329455	-0.6603060	0.8162188	0.841580190
##	[673,]	-0.1476108207	0.2545383	-1.2243282	0.103733542
##	[674,]	-0.1426276334	0.2545383	0.8162188	1.677806391
##	[675,]	-0.1409665710	0.2545383	-1.2243282	-1.421149530
##	[676,]	-0.1393055085	-0.6603060	0.8162188	-1.224390424
##	[677,]	-0.1376444461	1.1693826	-1.2243282	-0.732492658
##	[678,]	-0.1343223213	-1.5751502	-1.2243282	-0.732492658
##	[679,]	-0.1326612589	1.1693826	0.8162188	-0.732492658
##	[680,]	-0.1293391340	1.1693826	-1.2243282	-1.027631318
##	[681,]	-0.1260170092	-0.6603060	0.8162188	-0.043835787
##	[682,]	-0.1243559467	1.1693826	-1.2243282	0.694010860
##	[683,]	-0.1226948843	0.2545383	-1.2243282	0.202113095
##	[684,]	-0.1210338219	0.2545383	0.8162188	-1.470339306
##	[685,]	-0.1177116971	-1.5751502	0.8162188	0.054543766
##	[686,]	-0.1143895722	0.2545383	0.8162188	-0.683302882
##	[687,]	-0.1127285098	1.1693826	0.8162188	-0.338974446
##	[688,]	-0.1110674474	0.2545383	0.8162188	0.644821084
##	[689,]	-0.1094063849	1.1693826	0.8162188	-1.421149530
##	[690,]	-0.1077453225	-1.5751502	0.8162188	0.890769967
##	[691,]	-0.1060842601	1.1693826	-1.2243282	-1.224390424
##	[692,]	-0.1011010728	1.1693826	0.8162188	-1.519529083
##	[693,]	-0.0977789480	0.2545383	-1.2243282	1.333477955
##	[694,]	-0.0961178856	0.2545383	0.8162188	-0.732492658
##	[695,]	-0.0927957607	-0.6603060	-1.2243282	-1.175200647
##	[696,]	-0.0911346983	-1.5751502	0.8162188	-0.978441541
##	[697,]	-0.0878125734	0.2545383	0.8162188	-0.437353999
##	[698,]	-0.0844904486	0.2545383	-1.2243282	0.890769967
##	[699,]	-0.0828293862	0.2545383	-1.2243282	0.989149520
##	[700,]	-0.0811683238	1.1693826	0.8162188	0.202113095
##	[701,]	-0.0795072613	1.1693826	0.8162188	-0.732492658
##	[702,]	-0.0728630116	0.2545383	0.8162188	-1.027631318
##	[703,]	-0.0712019492	0.2545383	0.8162188	-0.191405117
##	[704,]	-0.0695408868	0.2545383	-1.2243282	0.939959743
##	[705,]	-0.0678798244	1.1693826	0.8162188	1.284288179
##	[706,]	-0.0662187620	-1.5751502	0.8162188	-1.224390424
##	[707,]	-0.0645576995	-0.6603060	-1.2243282	1.677806391
##	[708,]	-0.0628966371	0.2545383	0.8162188	-0.093025564
##	[709,]	-0.0579134498	-1.5751502	0.8162188	0.890769967
##	[710,]	-0.0562523874	0.2545383	0.8162188	-0.978441541
##	[711,]	-0.0545913250	1.1693826	0.8162188	-1.371959753
##	[712,]	-0.0512692002	1.1693826	-1.2243282	1.284288179

##	[713,]	-0.0496081377	-0.6603060	-1.2243282	-0.634113105
##	[714,]	-0.0479470753	1.1693826	-1.2243282	1.235098402
##	[715,]	-0.0462860129	1.1693826	0.8162188	0.005353989
##	[716,]	-0.0446249505	0.2545383	-1.2243282	0.890769967
##	[717,]	-0.0429638880	-1.5751502	0.8162188	-0.093025564
##	[718,]	-0.0396417632	0.2545383	-1.2243282	-1.421149530
##	[719,]	-0.0379807008	1.1693826	0.8162188	-1.175200647
##	[720,]	-0.0363196384	1.1693826	-1.2243282	0.841580190
##	[721,]	-0.0346585759	-1.5751502	-1.2243282	-0.880061988
##	[722,]	-0.0329975135	1.1693826	0.8162188	1.431857508
##	[723,]	-0.0313364511	0.2545383	0.8162188	0.005353989
##	[724,]	-0.0296753887	1.1693826	0.8162188	0.448061978
##	[725,]	-0.0263532638	1.1693826	-1.2243282	-1.224390424
##	[726,]	-0.0246922014	0.2545383	0.8162188	-1.322769977
##	[727,]	-0.0230311390	0.2545383	-1.2243282	1.481047285
##	[728,]	-0.0213700766	-0.6603060	0.8162188	0.349682425
##	[729,]	-0.0197090141	0.2545383	-1.2243282	-0.486543776
##	[730,]	-0.0180479517	0.2545383	-1.2243282	-0.437353999
##	[731,]	-0.0163868893	-0.6603060	-1.2243282	0.349682425
##	[732,]	-0.0147258269	1.1693826	-1.2243282	1.579426838
##	[733,]	-0.0130647644	-0.6603060	-1.2243282	-0.289784670
##	[734,]	-0.0114037020	1.1693826	0.8162188	-1.667098412
##	[735,]	-0.0097426396	-0.6603060	0.8162188	1.382667732
##	[736,]	-0.0047594523	-1.5751502	0.8162188	1.530237061
##	[737,]	-0.0014373275	0.2545383	0.8162188	0.595631307
##	[738,]	0.0002237349	1.1693826	-1.2243282	-1.175200647
##	[739,]	0.0018847974	1.1693826	-1.2243282	-0.043835787
##	[740,]	0.0035458598	-1.5751502	-1.2243282	-0.929251764
##	[741,]	0.0052069222	-0.6603060	0.8162188	-1.027631318
##	[742,]	0.0068679846	1.1693826	0.8162188	1.185908626
##	[743,]	0.0085290471	-1.5751502	0.8162188	-0.093025564
##	[744,]	0.0118511719	0.2545383	-1.2243282	0.152923319
##	[745,]	0.0135122343	-1.5751502	-1.2243282	-0.240594893
##	[746,]	0.0151732967	0.2545383	0.8162188	-0.191405117
##	[747,]	0.0168343592	-0.6603060	-1.2243282	-0.535733552
##	[748,]	0.0184954216	-0.6603060	0.8162188	-1.175200647
##	[749,]	0.0201564840	-0.6603060	0.8162188	0.644821084
##	[750,]	0.0218175464	-1.5751502	-1.2243282	-0.437353999
##	[751,]	0.0234786089	1.1693826	-1.2243282	-0.634113105
##	[752,]	0.0251396713	1.1693826	-1.2243282	1.431857508
##	[753,]	0.0284617961	0.2545383	-1.2243282	-1.126010871
##	[754,]	0.0301228585	1.1693826	-1.2243282	0.792390413
##	[755,]	0.0317839210	-0.6603060	-1.2243282	1.087529073
##	[756,]	0.0334449834	1.1693826	-1.2243282	1.185908626
##	[757,]	0.0351060458	1.1693826	-1.2243282	0.152923319
##	[758,]	0.0367671082	-0.6603060	0.8162188	0.448061978
##	[759,]	0.0384281707	-0.6603060	0.8162188	0.005353989
##	[760,]	0.0400892331	-0.6603060	0.8162188	-1.470339306
##	[761,]	0.0417502955	0.2545383	-1.2243282	-1.371959753
##	[762,]	0.0450724203	-1.5751502	0.8162188	0.743200637
##	[763,]	0.0467334828	-1.5751502	0.8162188	-0.437353999
##	[764,]	0.0500556076	0.2545383	-1.2243282	1.038339296
##	[765,]	0.0517166700	1.1693826	0.8162188	0.398872201
##	[766,]	0.0583609197	0.2545383	0.8162188	-1.076821094

##	[767,]	0.0600219821	-0.6603060	0.8162188	-0.191405117
##	[768,]	0.0616830446	1.1693826	-1.2243282	-1.519529083
##	[769,]	0.0683272943	0.2545383	0.8162188	0.398872201
##	[770,]	0.0716494191	-1.5751502	-1.2243282	0.005353989
##	[771,]	0.0733104815	1.1693826	0.8162188	-1.273580200
##	[772,]	0.0749715439	0.2545383	-1.2243282	-1.224390424
##	[773,]	0.0766326064	-1.5751502	-1.2243282	-0.142215340
##	[774,]	0.0799547312	1.1693826	-1.2243282	-0.732492658
##	[775,]	0.0816157936	0.2545383	0.8162188	-1.273580200
##	[776,]	0.0849379185	0.2545383	0.8162188	0.644821084
##	[777,]	0.0865989809	1.1693826	-1.2243282	-0.584923329
##	[778,]	0.0899211057	0.2545383	-1.2243282	-1.470339306
##	[779,]	0.0915821682	1.1693826	-1.2243282	0.398872201
##	[780,]	0.0932432306	-1.5751502	0.8162188	-1.568718859
##	[781,]	0.0949042930	-0.6603060	0.8162188	0.300492648
##	[782,]	0.0965653554	-1.5751502	0.8162188	-0.338974446
##	[783,]	0.0982264179	0.2545383	0.8162188	0.939959743
##	[784,]	0.0998874803	-0.6603060	-1.2243282	-1.126010871
##	[785,]	0.1048706676	0.2545383	-1.2243282	-0.043835787
##	[786,]	0.1115149172	-1.5751502	0.8162188	-0.240594893
##	[787,]	0.1148370421	-1.5751502	0.8162188	1.038339296
##	[788,]	0.1181591669	1.1693826	0.8162188	-0.043835787
##	[789,]	0.1198202294	0.2545383	-1.2243282	-0.338974446
##	[790,]	0.1214812918	-0.6603060	0.8162188	1.235098402
##	[791,]	0.1231423542	1.1693826	0.8162188	-1.568718859
##	[792,]	0.1248034166	1.1693826	0.8162188	0.989149520
##	[793,]	0.1264644790	-1.5751502	-1.2243282	-0.584923329
##	[794,]	0.1281255415	-1.5751502	0.8162188	-0.781682435
##	[795,]	0.1297866039	-1.5751502	0.8162188	-1.027631318
##	[796,]	0.1331087287	1.1693826	-1.2243282	1.087529073
##	[797,]	0.1347697912	1.1693826	0.8162188	-1.667098412
##	[798,]	0.1364308536	-1.5751502	0.8162188	-1.421149530
##	[799,]	0.1380919160	-1.5751502	0.8162188	-0.535733552
##	[800,]	0.1397529784	1.1693826	0.8162188	-1.519529083
##	[801,]	0.1430751033	-1.5751502	0.8162188	-1.027631318
##	[802,]	0.1463972281	1.1693826	0.8162188	0.743200637
##	[803,]	0.1480582905	1.1693826	-1.2243282	-1.765477965
##	[804,]	0.1497193530	0.2545383	0.8162188	-1.273580200
##	[805,]	0.1513804154	-1.5751502	0.8162188	-1.519529083
##	[806,]	0.1530414778	-0.6603060	-1.2243282	-0.043835787
##	[807,]	0.1547025402	-0.6603060	0.8162188	1.038339296
##	[808,]	0.1563636026	0.2545383	0.8162188	0.349682425
##	[809,]	0.1580246651	0.2545383	-1.2243282	1.333477955
##	[810,]	0.1596857275	1.1693826	-1.2243282	1.333477955
##	[811,]	0.1646689148	-1.5751502	0.8162188	-0.683302882
##	[812,]	0.1663299772	1.1693826	0.8162188	-1.667098412
##	[813,]	0.1679910396	0.2545383	-1.2243282	0.841580190
##	[814,]	0.1696521020	-1.5751502	0.8162188	0.890769967
##	[815,]	0.1713131644	0.2545383	0.8162188	-1.076821094
##	[816,]	0.1762963517	1.1693826	-1.2243282	0.202113095
##	[817,]	0.1779574141	0.2545383	0.8162188	0.202113095
##	[818,]	0.1796184766	-1.5751502	0.8162188	0.595631307
##	[819,]	0.1829406014	0.2545383	0.8162188	0.054543766
##	[820,]	0.1846016638	-1.5751502	0.8162188	0.054543766

##	[821,]	0.1862627263	1.1693826	0.8162188	-0.584923329
##	[822,]	0.1879237887	1.1693826	0.8162188	-0.486543776
##	[823,]	0.1912459135	1.1693826	0.8162188	1.431857508
##	[824,]	0.1962291008	1.1693826	-1.2243282	-0.240594893
##	[825,]	0.2045344129	-0.6603060	0.8162188	-0.486543776
##	[826,]	0.2078565377	-0.6603060	0.8162188	0.644821084
##	[827,]	0.2111786626	0.2545383	0.8162188	-1.421149530
##	[828,]	0.2145007874	0.2545383	0.8162188	-1.322769977
##	[829,]	0.2178229123	0.2545383	0.8162188	0.694010860
##	[830,]	0.2194839747	-1.5751502	-1.2243282	0.546441531
##	[831,]	0.2211450371	-0.6603060	0.8162188	-0.978441541
##	[832,]	0.2244671620	0.2545383	0.8162188	0.300492648
##	[833,]	0.2261282244	0.2545383	-1.2243282	-0.683302882
##	[834,]	0.2277892868	1.1693826	0.8162188	-0.535733552
##	[835,]	0.2294503492	-0.6603060	-1.2243282	0.202113095
##	[836,]	0.2311114117	0.2545383	0.8162188	1.677806391
##	[837,]	0.2327724741	1.1693826	-1.2243282	-1.027631318
##	[838,]	0.2344335365	-0.6603060	-1.2243282	1.087529073
##	[839,]	0.2360945989	0.2545383	0.8162188	-1.076821094
##	[840,]	0.2427388486	-0.6603060	0.8162188	-1.027631318
##	[841,]	0.2443999110	1.1693826	0.8162188	-0.388164223
##	[842,]	0.2460609735	1.1693826	0.8162188	-0.830872211
##	[843,]	0.2493830983	0.2545383	-1.2243282	0.644821084
##	[844,]	0.2527052231	-1.5751502	0.8162188	0.792390413
##	[845,]	0.2560273480	0.2545383	0.8162188	0.300492648
##	[846,]	0.2576884104	0.2545383	-1.2243282	1.284288179
##	[847,]	0.2610105353	0.2545383	0.8162188	-1.076821094
##	[848,]	0.2643326601	1.1693826	0.8162188	1.530237061
##	[849,]	0.2659937225	1.1693826	0.8162188	-0.929251764
##	[850,]	0.2709769098	-1.5751502	-1.2243282	0.939959743
##	[851,]	0.2742990346	0.2545383	-1.2243282	0.497251754
##	[852,]	0.2759600971	1.1693826	-1.2243282	1.284288179
##	[853,]	0.2776211595	-0.6603060	-1.2243282	-0.584923329
##	[854,]	0.2792822219	0.2545383	0.8162188	-0.584923329
##	[855,]	0.2826043468	-1.5751502	-1.2243282	0.841580190
##	[856,]	0.2842654092	1.1693826	-1.2243282	-0.486543776
##	[857,]	0.2875875340	-1.5751502	0.8162188	1.038339296
##	[858,]	0.2909096589	0.2545383	0.8162188	1.481047285
##	[859,]	0.2925707213	1.1693826	-1.2243282	-0.781682435
##	[860,]	0.2942317837	-0.6603060	-1.2243282	0.152923319
##	[861,]	0.2958928461	0.2545383	0.8162188	-0.880061988
##	[862,]	0.2975539086	0.2545383	-1.2243282	0.152923319
##	[863,]	0.3008760334	1.1693826	0.8162188	0.398872201
##	[864,]	0.3025370958	-0.6603060	0.8162188	1.628616614
##	[865,]	0.3075202831	-1.5751502	0.8162188	1.431857508
##	[866,]	0.3091813455	0.2545383	0.8162188	-0.240594893
##	[867,]	0.3108424079	-0.6603060	0.8162188	-0.191405117
##	[868,]	0.3158255952	1.1693826	-1.2243282	-1.765477965
##	[869,]	0.3174866576	1.1693826	0.8162188	0.595631307
##	[870,]	0.3191477200	1.1693826	0.8162188	-0.683302882
##	[871,]	0.3208087825	0.2545383	0.8162188	1.382667732
##	[872,]	0.3224698449	1.1693826	-1.2243282	1.530237061
##	[873,]	0.3241309073	-0.6603060	-1.2243282	0.792390413
##	[874,]	0.3257919697	0.2545383	0.8162188	-0.289784670

##	[875,]	0.3307751570	0.2545383	0.8162188	-0.830872211
##	[876,]	0.3324362194	1.1693826	0.8162188	-1.667098412
##	[877,]	0.3340972818	0.2545383	0.8162188	-1.126010871
##	[878,]	0.3374194067	1.1693826	0.8162188	-0.289784670
##	[879,]	0.3424025940	1.1693826	0.8162188	0.644821084
##	[880,]	0.3457247188	-0.6603060	0.8162188	-0.683302882
##	[881,]	0.3473857812	0.2545383	-1.2243282	0.546441531
##	[882,]	0.3490468436	1.1693826	-1.2243282	-1.371959753
##	[883,]	0.3523689685	0.2545383	-1.2243282	0.546441531
##	[884,]	0.3540300309	-1.5751502	0.8162188	-0.289784670
##	[885,]	0.3556910933	-0.6603060	-1.2243282	0.890769967
##	[886,]	0.3573521558	0.2545383	0.8162188	-0.437353999
##	[887,]	0.3590132182	1.1693826	0.8162188	-0.142215340
##	[888,]	0.3606742806	-1.5751502	-1.2243282	-0.289784670
##	[889,]	0.3623353430	0.2545383	-1.2243282	0.595631307
##	[890,]	0.3639964054	-1.5751502	0.8162188	-1.175200647
##	[891,]	0.3656574679	1.1693826	-1.2243282	-0.634113105
##	[892,]	0.3673185303	-1.5751502	-1.2243282	0.300492648
##	[893,]	0.3706406551	-1.5751502	-1.2243282	1.481047285
##	[894,]	0.3723017176	-1.5751502	-1.2243282	1.530237061
##	[895,]	0.3739627800	1.1693826	0.8162188	0.939959743
##	[896,]	0.3756238424	0.2545383	0.8162188	0.694010860
##	[897,]	0.3772849048	0.2545383	-1.2243282	1.481047285
##	[898,]	0.3806070297	0.2545383	-1.2243282	-0.880061988
##	[899,]	0.3822680921	0.2545383	0.8162188	1.481047285
##	[900,]	0.3839291545	-1.5751502	0.8162188	0.939959743
##	[901,]	0.3855902169	0.2545383	0.8162188	-0.978441541
##	[902,]	0.3872512794	1.1693826	0.8162188	0.497251754
##	[903,]	0.3889123418	-1.5751502	0.8162188	0.497251754
##	[904,]	0.3905734042	0.2545383	0.8162188	0.792390413
##	[905,]	0.3955565915	1.1693826	0.8162188	0.497251754
##	[906,]	0.3972176539	1.1693826	-1.2243282	1.038339296
##	[907,]	0.3988787163	0.2545383	-1.2243282	1.136718849
##	[908,]	0.4022008412	-0.6603060	0.8162188	1.087529073
##	[909,]	0.4038619036	1.1693826	0.8162188	0.792390413
##	[910,]	0.4055229660	-0.6603060	-1.2243282	-0.437353999
##	[911,]	0.4071840284	1.1693826	0.8162188	-0.929251764
##	[912,]	0.4121672157	0.2545383	0.8162188	0.349682425
##	[913,]	0.4154893405	0.2545383	0.8162188	-0.634113105
##	[914,]	0.4188114654	-1.5751502	-1.2243282	1.382667732
##	[915,]	0.4204725278	1.1693826	0.8162188	-1.421149530
##	[916,]	0.4221335902	-1.5751502	-1.2243282	-1.027631318
##	[917,]	0.4237946527	1.1693826	-1.2243282	-1.617908636
##	[918,]	0.4254557151	0.2545383	-1.2243282	0.989149520
##	[919,]	0.4271167775	1.1693826	0.8162188	0.841580190
##	[920,]	0.4287778399	1.1693826	0.8162188	0.054543766
##	[921,]	0.4320999648	0.2545383	-1.2243282	-0.978441541
##	[922,]	0.4337610272	1.1693826	0.8162188	-1.076821094
##	[923,]	0.4370831520	0.2545383	0.8162188	1.284288179
##	[924,]	0.4387442145	0.2545383	0.8162188	-0.486543776
##	[925,]	0.4420663393	0.2545383	0.8162188	0.005353989
##	[926,]	0.4437274017	-0.6603060	-1.2243282	0.595631307
##	[927,]	0.4453884641	1.1693826	-1.2243282	-0.486543776
##	[928,]	0.4470495266	0.2545383	-1.2243282	-0.634113105

##	[929,]	0.4487105890	-1.5751502	-1.2243282	0.349682425
##	[930,]	0.4503716514	1.1693826	0.8162188	-0.683302882
##	[931,]	0.4520327138	-0.6603060	-1.2243282	-1.273580200
##	[932,]	0.4536937763	0.2545383	-1.2243282	0.300492648
##	[933,]	0.4553548387	-0.6603060	-1.2243282	-1.322769977
##	[934,]	0.4586769635	1.1693826	0.8162188	0.890769967
##	[935,]	0.4619990884	1.1693826	-1.2243282	-1.273580200
##	[936,]	0.4636601508	0.2545383	0.8162188	-0.486543776
##	[937,]	0.4669822756	-0.6603060	-1.2243282	0.841580190
##	[938,]	0.4686433381	0.2545383	-1.2243282	1.382667732
##	[939,]	0.4703044005	-1.5751502	0.8162188	1.087529073
##	[940,]	0.4719654629	1.1693826	0.8162188	0.644821084
##	[941,]	0.4736265253	0.2545383	0.8162188	1.333477955
##	[942,]	0.4752875878	-1.5751502	-1.2243282	-0.880061988
##	[943,]	0.4769486502	1.1693826	-1.2243282	-0.142215340
##	[944,]	0.4802707750	1.1693826	-1.2243282	-1.076821094
##	[945,]	0.4819318374	0.2545383	-1.2243282	-0.535733552
##	[946,]	0.4852539623	1.1693826	-1.2243282	-1.126010871
##	[947,]	0.4869150247	1.1693826	0.8162188	-0.437353999
##	[948,]	0.4885760871	-0.6603060	0.8162188	-0.093025564
##	[949,]	0.4918982120	-0.6603060	-1.2243282	1.431857508
##	[950,]	0.4935592744	-1.5751502	0.8162188	-1.667098412
##	[951,]	0.4968813992	1.1693826	-1.2243282	-0.437353999
##	[952,]	0.5051867114	0.2545383	0.8162188	-1.273580200
##	[953,]	0.5085088362	1.1693826	-1.2243282	-0.584923329
##	[954,]	0.5118309610	-1.5751502	0.8162188	1.136718849
##	[955,]	0.5134920235	0.2545383	0.8162188	-1.421149530
##	[956,]	0.5168141483	1.1693826	-1.2243282	-0.388164223
##	[957,]	0.5201362732	1.1693826	0.8162188	1.628616614
##	[958,]	0.5234583980	0.2545383	0.8162188	0.398872201
##	[959,]	0.5301026477	1.1693826	0.8162188	0.989149520
##	[960,]	0.5334247725	0.2545383	0.8162188	1.579426838
##	[961,]	0.5384079598	0.2545383	-1.2243282	0.005353989
##	[962,]	0.5400690222	0.2545383	0.8162188	1.038339296
##	[963,]	0.5433911471	0.2545383	0.8162188	0.890769967
##	[964,]	0.5483743343	-0.6603060	-1.2243282	-1.716288189
##	[965,]	0.5500353968	0.2545383	-1.2243282	0.005353989
##	[966,]	0.5533575216	1.1693826	0.8162188	0.054543766
##	[967,]	0.5566796465	0.2545383	-1.2243282	-0.634113105
##	[968,]	0.5583407089	-0.6603060	0.8162188	1.087529073
##	[969,]	0.5600017713	-1.5751502	-1.2243282	0.841580190
##	[970,]	0.5616628337	1.1693826	0.8162188	-0.584923329
##	[971,]	0.5633238961	0.2545383	-1.2243282	1.579426838
##	[972,]	0.5683070834	1.1693826	-1.2243282	0.792390413
##	[973,]	0.5699681458	1.1693826	-1.2243282	1.530237061
##	[974,]	0.5716292083	1.1693826	-1.2243282	-0.289784670
##	[975,]	0.5749513331	1.1693826	0.8162188	-1.126010871
##	[976,]	0.5766123955	-1.5751502	0.8162188	0.939959743
##	[977,]	0.5782734579	1.1693826	0.8162188	0.103733542
##	[978,]	0.5799345204	-1.5751502	-1.2243282	1.284288179
##	[979,]	0.5815955828	-0.6603060	-1.2243282	1.136718849
##	[980,]	0.5849177076	-0.6603060	0.8162188	0.989149520
##	[981,]	0.5882398325	0.2545383	-1.2243282	1.185908626
##	[982,]	0.5899008949	1.1693826	-1.2243282	0.054543766

## [983,]	0.5932230197	1.1693826	0.8162188	-0.437353999
## [984,]	0.5948840822	0.2545383	-1.2243282	1.579426838
## [985,]	0.6015283319	0.2545383	0.8162188	-0.880061988
## [986,]	0.6048504567	1.1693826	0.8162188	1.579426838
## [987,]	0.6065115191	-1.5751502	0.8162188	-1.076821094
## [988,]	0.6081725815	-0.6603060	0.8162188	-0.683302882
## [989,]	0.6098336440	1.1693826	-1.2243282	0.448061978
## [990,]	0.6131557688	0.2545383	0.8162188	-0.584923329
## [991,]	0.6148168312	-0.6603060	0.8162188	-0.240594893
## [992,]	0.6164778937	0.2545383	0.8162188	-1.470339306
## [993,]	0.6181389561	0.2545383	0.8162188	0.251302872
## [994,]	0.6214610809	-1.5751502	0.8162188	1.333477955
## [995,]	0.6247832058	1.1693826	-1.2243282	-0.338974446
## [996,]	0.6264442682	-1.5751502	-1.2243282	0.349682425
## [997,]	0.6281053306	1.1693826	-1.2243282	1.579426838
## [998,]	0.6314274555	1.1693826	-1.2243282	-0.732492658
## [999,]	0.6347495803	-1.5751502	0.8162188	-1.470339306
## [1000,]	0.6364106427	0.2545383	-1.2243282	-1.716288189
## [1001,]	0.6380717051	0.2545383	-1.2243282	-0.584923329
## [1002,]	0.6413938300	-1.5751502	-1.2243282	1.382667732
## [1003,]	0.6430548924	0.2545383	0.8162188	-0.289784670
## [1004,]	0.6480380797	-1.5751502	0.8162188	0.743200637
## [1005,]	0.6513602045	0.2545383	0.8162188	1.677806391
## [1006,]	0.6546823294	-0.6603060	0.8162188	-0.732492658
## [1007,]	0.6563433918	-1.5751502	0.8162188	1.530237061
## [1008,]	0.6580044542	0.2545383	-1.2243282	0.890769967
## [1009,]	0.6596655166	1.1693826	-1.2243282	-0.584923329
## [1010,]	0.6613265791	1.1693826	-1.2243282	0.497251754
## [1011,]	0.6629876415	-0.6603060	0.8162188	0.743200637
## [1012,]	0.6646487039	-1.5751502	-1.2243282	1.628616614
## [1013,]	0.6679708288	-0.6603060	-1.2243282	-0.781682435
## [1014,]	0.6696318912	1.1693826	-1.2243282	0.349682425
## [1015,]	0.6729540160	-1.5751502	-1.2243282	1.333477955
## [1016,]	0.6746150784	1.1693826	0.8162188	1.235098402
## [1017,]	0.6779372033	-1.5751502	-1.2243282	-1.568718859
## [1018,]	0.6795982657	-0.6603060	0.8162188	1.235098402
## [1019,]	0.6812593281	-1.5751502	0.8162188	-1.421149530
## [1020,]	0.6829203906	0.2545383	-1.2243282	1.579426838
## [1021,]	0.6862425154	-1.5751502	0.8162188	0.398872201
## [1022,]	0.6879035778	-1.5751502	0.8162188	0.103733542
## [1023,]	0.6895646402	0.2545383	0.8162188	0.890769967
## [1024,]	0.6912257027	-1.5751502	-1.2243282	1.185908626
## [1025,]	0.6945478275	-1.5751502	-1.2243282	0.792390413
## [1026,]	0.6978699524	1.1693826	-1.2243282	-1.175200647
## [1027,]	0.6995310148	1.1693826	0.8162188	1.530237061
## [1028,]	0.7011920772	1.1693826	-1.2243282	0.989149520
## [1029,]	0.7028531396	-0.6603060	0.8162188	1.185908626
## [1030,]	0.7045142020	0.2545383	0.8162188	0.743200637
## [1031,]	0.7111584517	-1.5751502	0.8162188	-1.716288189
## [1032,]	0.7178027014	-1.5751502	0.8162188	-0.683302882
## [1033,]	0.7194637638	-1.5751502	-1.2243282	-0.584923329
## [1034,]	0.7211248263	0.2545383	-1.2243282	1.677806391
## [1035,]	0.7227858887	-0.6603060	0.8162188	1.431857508
## [1036,]	0.7244469511	1.1693826	-1.2243282	1.481047285

## [1037,]	0.7294301384	-0.6603060	0.8162188	1.382667732
## [1038,]	0.7310912008	-0.6603060	0.8162188	-0.535733552
## [1039,]	0.7327522632	0.2545383	0.8162188	1.481047285
## [1040,]	0.7344133256	-1.5751502	-1.2243282	-0.683302882
## [1041,]	0.7360743881	1.1693826	0.8162188	-0.535733552
## [1042,]	0.7377354505	1.1693826	0.8162188	0.890769967
## [1043,]	0.7410575753	0.2545383	0.8162188	1.185908626
## [1044,]	0.7427186378	1.1693826	0.8162188	-1.322769977
## [1045,]	0.7443797002	-1.5751502	0.8162188	1.481047285
## [1046,]	0.7460407626	0.2545383	0.8162188	0.103733542
## [1047,]	0.7477018250	1.1693826	0.8162188	-0.830872211
## [1048,]	0.7510239499	1.1693826	0.8162188	-0.584923329
## [1049,]	0.7526850123	1.1693826	0.8162188	0.743200637
## [1050,]	0.7543460747	1.1693826	0.8162188	1.481047285
## [1051,]	0.7560071371	-1.5751502	-1.2243282	0.398872201
## [1052,]	0.7576681996	-1.5751502	-1.2243282	0.644821084
## [1053,]	0.7593292620	0.2545383	0.8162188	-0.093025564
## [1054,]	0.7609903244	-0.6603060	0.8162188	1.333477955
## [1055,]	0.7626513868	0.2545383	0.8162188	-1.519529083
## [1056,]	0.7643124493	-0.6603060	0.8162188	0.251302872
## [1057,]	0.7659735117	-1.5751502	0.8162188	1.284288179
## [1058,]	0.7676345741	-1.5751502	-1.2243282	-0.732492658
## [1059,]	0.7709566989	-1.5751502	-1.2243282	-1.273580200
## [1060,]	0.7759398862	1.1693826	0.8162188	0.497251754
## [1061,]	0.7792620111	-0.6603060	0.8162188	1.136718849
## [1062,]	0.7809230735	1.1693826	-1.2243282	0.595631307
## [1063,]	0.7825841359	-0.6603060	0.8162188	0.989149520
## [1064,]	0.7842451983	0.2545383	0.8162188	0.546441531
## [1065,]	0.7875673232	0.2545383	0.8162188	-0.978441541
## [1066,]	0.7908894480	1.1693826	0.8162188	-1.765477965
## [1067,]	0.7925505104	-1.5751502	-1.2243282	0.792390413
## [1068,]	0.7942115729	0.2545383	-1.2243282	0.595631307
## [1069,]	0.7958726353	0.2545383	0.8162188	-1.371959753
## [1070,]	0.7991947601	-1.5751502	0.8162188	0.300492648
## [1071,]	0.8008558225	0.2545383	0.8162188	-0.535733552
## [1072,]	0.8041779474	0.2545383	-1.2243282	-1.126010871
## [1073,]	0.8108221971	1.1693826	-1.2243282	1.530237061
## [1074,]	0.8124832595	0.2545383	0.8162188	1.481047285
## [1075,]	0.8141443219	1.1693826	0.8162188	0.152923319
## [1076,]	0.8158053843	0.2545383	0.8162188	-0.093025564
## [1077,]	0.8224496340	-0.6603060	-1.2243282	1.038339296
## [1078,]	0.8257717589	-1.5751502	0.8162188	1.677806391
## [1079,]	0.8274328213	1.1693826	0.8162188	-1.667098412
## [1080,]	0.8307549462	-0.6603060	-1.2243282	-1.667098412
## [1081,]	0.8340770710	0.2545383	-1.2243282	-0.732492658
## [1082,]	0.8373991958	1.1693826	-1.2243282	1.235098402
## [1083,]	0.8440434455	-1.5751502	0.8162188	1.530237061
## [1084,]	0.8457045080	1.1693826	0.8162188	0.989149520
## [1085,]	0.8473655704	1.1693826	0.8162188	-0.093025564
## [1086,]	0.8506876952	1.1693826	-1.2243282	-1.617908636
## [1087,]	0.8540098201	0.2545383	0.8162188	1.087529073
## [1088,]	0.8573319449	-0.6603060	0.8162188	-0.535733552
## [1089,]	0.8589930073	0.2545383	0.8162188	0.103733542
## [1090,]	0.8606540698	-1.5751502	0.8162188	-0.929251764

## [1091,]	0.8623151322	0.2545383	-1.2243282	-1.322769977
## [1092,]	0.8639761946	1.1693826	0.8162188	-1.076821094
## [1093,]	0.8656372570	1.1693826	0.8162188	1.530237061
## [1094,]	0.8672983194	1.1693826	0.8162188	-1.273580200
## [1095,]	0.8689593819	-1.5751502	0.8162188	-0.929251764
## [1096,]	0.8706204443	-0.6603060	0.8162188	0.644821084
## [1097,]	0.8722815067	0.2545383	0.8162188	-1.371959753
## [1098,]	0.8739425691	0.2545383	0.8162188	-0.437353999
## [1099,]	0.8756036316	1.1693826	0.8162188	0.300492648
## [1100,]	0.8772646940	-1.5751502	0.8162188	0.005353989
## [1101,]	0.8789257564	-0.6603060	-1.2243282	1.579426838
## [1102,]	0.8805868188	1.1693826	-1.2243282	0.054543766
## [1103,]	0.8822478812	0.2545383	0.8162188	0.202113095
## [1104,]	0.8839089437	0.2545383	-1.2243282	1.481047285
## [1105,]	0.8855700061	0.2545383	0.8162188	1.235098402
## [1106,]	0.8888921309	-1.5751502	0.8162188	-0.978441541
## [1107,]	0.8922142558	-0.6603060	0.8162188	-0.093025564
## [1108,]	0.8938753182	0.2545383	0.8162188	0.251302872
## [1109,]	0.8955363806	1.1693826	0.8162188	0.103733542
## [1110,]	0.9021806303	0.2545383	0.8162188	-1.617908636
## [1111,]	0.9038416927	-1.5751502	-1.2243282	0.152923319
## [1112,]	0.9088248800	0.2545383	-1.2243282	0.595631307
## [1113,]	0.9104859424	0.2545383	0.8162188	0.743200637
## [1114,]	0.9121470048	1.1693826	0.8162188	-0.191405117
## [1115,]	0.9154691297	0.2545383	-1.2243282	-0.043835787
## [1116,]	0.9171301921	-1.5751502	0.8162188	-1.519529083
## [1117,]	0.9187912545	0.2545383	0.8162188	-0.289784670
## [1118,]	0.9221133794	-0.6603060	0.8162188	-1.027631318
## [1119,]	0.9237744418	-1.5751502	-1.2243282	1.136718849
## [1120,]	0.9254355042	0.2545383	0.8162188	0.694010860
## [1121,]	0.9270965667	-0.6603060	-1.2243282	1.185908626
## [1122,]	0.9304186915	-0.6603060	-1.2243282	0.349682425
## [1123,]	0.9320797539	-0.6603060	0.8162188	1.038339296
## [1124,]	0.9337408163	-1.5751502	-1.2243282	-0.732492658
## [1125,]	0.9354018788	1.1693826	0.8162188	-1.371959753
## [1126,]	0.9387240036	-1.5751502	0.8162188	1.038339296
## [1127,]	0.9403850660	0.2545383	0.8162188	-0.338974446
## [1128,]	0.9420461285	1.1693826	0.8162188	-1.027631318
## [1129,]	0.9453682533	-1.5751502	0.8162188	0.694010860
## [1130,]	0.9470293157	1.1693826	0.8162188	1.333477955
## [1131,]	0.9486903781	-0.6603060	0.8162188	-0.978441541
## [1132,]	0.9503514406	1.1693826	0.8162188	1.284288179
## [1133,]	0.9520125030	1.1693826	-1.2243282	0.890769967
## [1134,]	0.9536735654	1.1693826	0.8162188	1.038339296
## [1135,]	0.9569956903	0.2545383	0.8162188	-0.142215340
## [1136,]	0.9586567527	1.1693826	0.8162188	-0.486543776
## [1137,]	0.9619788775	0.2545383	0.8162188	-0.732492658
## [1138,]	0.9636399399	-0.6603060	-1.2243282	0.939959743
## [1139,]	0.9653010024	-0.6603060	0.8162188	-1.224390424
## [1140,]	0.9669620648	-0.6603060	-1.2243282	-1.519529083
## [1141,]	0.9686231272	-0.6603060	-1.2243282	-1.716288189
## [1142,]	0.9702841896	-0.6603060	0.8162188	-0.880061988
## [1143,]	0.9736063145	0.2545383	-1.2243282	-0.781682435
## [1144,]	0.9752673769	-1.5751502	0.8162188	-0.683302882

## [1145,]	0.9769284393	1.1693826	0.8162188	-0.584923329
## [1146,]	0.9785895017	0.2545383	-1.2243282	0.497251754
## [1147,]	0.9802505642	0.2545383	0.8162188	-1.175200647
## [1148,]	0.9835726890	0.2545383	-1.2243282	0.890769967
## [1149,]	0.9852337514	-0.6603060	0.8162188	0.497251754
## [1150,]	0.9868948139	1.1693826	0.8162188	0.054543766
## [1151,]	0.9902169387	-0.6603060	0.8162188	-0.880061988
## [1152,]	0.9918780011	-0.6603060	-1.2243282	-1.322769977
## [1153,]	0.9935390635	0.2545383	0.8162188	1.530237061
## [1154,]	0.9952001260	-0.6603060	-1.2243282	0.202113095
## [1155,]	0.9968611884	1.1693826	-1.2243282	1.579426838
## [1156,]	1.0001833132	0.2545383	0.8162188	0.497251754
## [1157,]	1.0018443757	-1.5751502	-1.2243282	0.694010860
## [1158,]	1.0051665005	0.2545383	-1.2243282	-0.683302882
## [1159,]	1.0068275629	0.2545383	0.8162188	0.939959743
## [1160,]	1.0101496878	-1.5751502	-1.2243282	0.743200637
## [1161,]	1.0134718126	1.1693826	-1.2243282	-0.338974446
## [1162,]	1.0184549999	1.1693826	-1.2243282	-0.584923329
## [1163,]	1.0201160623	1.1693826	0.8162188	-0.535733552
## [1164,]	1.0217771247	-0.6603060	-1.2243282	0.251302872
## [1165,]	1.0234381872	0.2545383	-1.2243282	0.890769967
## [1166,]	1.0250992496	-1.5751502	0.8162188	-1.421149530
## [1167,]	1.0284213744	0.2545383	0.8162188	1.136718849
## [1168,]	1.0300824368	-1.5751502	0.8162188	-0.338974446
## [1169,]	1.0317434993	-1.5751502	-1.2243282	-1.667098412
## [1170,]	1.0334045617	-0.6603060	-1.2243282	0.989149520
## [1171,]	1.0350656241	1.1693826	0.8162188	1.038339296
## [1172,]	1.0367266865	-1.5751502	0.8162188	0.349682425
## [1173,]	1.0383877490	0.2545383	0.8162188	-1.175200647
## [1174,]	1.0400488114	-0.6603060	-1.2243282	-1.175200647
## [1175,]	1.0433709362	1.1693826	0.8162188	0.546441531
## [1176,]	1.0450319986	1.1693826	0.8162188	0.005353989
## [1177,]	1.0466930611	-1.5751502	-1.2243282	0.300492648
## [1178,]	1.0483541235	1.1693826	-1.2243282	-0.781682435
## [1179,]	1.0500151859	0.2545383	-1.2243282	-1.716288189
## [1180,]	1.0516762483	1.1693826	-1.2243282	0.005353989
## [1181,]	1.0533373108	-1.5751502	0.8162188	0.546441531
## [1182,]	1.0566594356	0.2545383	-1.2243282	-1.224390424
## [1183,]	1.0583204980	1.1693826	-1.2243282	-1.617908636
## [1184,]	1.0616426229	1.1693826	0.8162188	0.644821084
## [1185,]	1.0633036853	-0.6603060	-1.2243282	1.235098402
## [1186,]	1.0649647477	0.2545383	0.8162188	-0.043835787
## [1187,]	1.0666258101	1.1693826	0.8162188	-1.470339306
## [1188,]	1.0682868726	1.1693826	0.8162188	1.185908626
## [1189,]	1.0699479350	-1.5751502	0.8162188	-1.126010871
## [1190,]	1.0716089974	1.1693826	0.8162188	1.333477955
## [1191,]	1.0732700598	1.1693826	0.8162188	-1.027631318
## [1192,]	1.0765921847	-1.5751502	-1.2243282	0.054543766
## [1193,]	1.0782532471	1.1693826	-1.2243282	0.398872201
## [1194,]	1.0799143095	1.1693826	-1.2243282	-1.175200647
## [1195,]	1.0815753719	-0.6603060	-1.2243282	-0.929251764
## [1196,]	1.0832364344	0.2545383	0.8162188	-1.470339306
## [1197,]	1.0848974968	1.1693826	0.8162188	0.694010860
## [1198,]	1.0882196216	1.1693826	0.8162188	-0.584923329

## [1199,]	1.0898806840	0.2545383	-1.2243282	-1.470339306
## [1200,]	1.0915417465	-1.5751502	0.8162188	0.694010860
## [1201,]	1.0932028089	0.2545383	-1.2243282	-1.076821094
## [1202,]	1.0948638713	1.1693826	0.8162188	1.333477955
## [1203,]	1.0998470586	1.1693826	-1.2243282	1.038339296
## [1204,]	1.1031691834	-0.6603060	0.8162188	-0.880061988
## [1205,]	1.1064913083	1.1693826	-1.2243282	1.431857508
## [1206,]	1.1081523707	1.1693826	0.8162188	1.431857508
## [1207,]	1.1098134331	1.1693826	0.8162188	0.497251754
## [1208,]	1.1114744955	-1.5751502	0.8162188	1.382667732
## [1209,]	1.1147966204	-0.6603060	0.8162188	-0.437353999
## [1210,]	1.1164576828	0.2545383	0.8162188	1.284288179
## [1211,]	1.1181187452	-0.6603060	0.8162188	0.644821084
## [1212,]	1.1214408701	0.2545383	0.8162188	-1.716288189
## [1213,]	1.1231019325	-0.6603060	-1.2243282	-1.519529083
## [1214,]	1.1247629949	0.2545383	0.8162188	1.628616614
## [1215,]	1.1264240573	0.2545383	-1.2243282	1.481047285
## [1216,]	1.1280851198	-1.5751502	0.8162188	0.644821084
## [1217,]	1.1314072446	1.1693826	0.8162188	0.349682425
## [1218,]	1.1330683070	0.2545383	0.8162188	-0.191405117
## [1219,]	1.1347293695	1.1693826	0.8162188	-1.519529083
## [1220,]	1.1363904319	1.1693826	-1.2243282	-1.126010871
## [1221,]	1.1380514943	0.2545383	-1.2243282	-0.732492658
## [1222,]	1.1413736191	0.2545383	0.8162188	0.398872201
## [1223,]	1.1446957440	1.1693826	0.8162188	-0.388164223
## [1224,]	1.1480178688	0.2545383	0.8162188	0.792390413
## [1225,]	1.1513399937	1.1693826	0.8162188	-0.191405117
## [1226,]	1.1530010561	1.1693826	-1.2243282	-0.880061988
## [1227,]	1.1546621185	-1.5751502	0.8162188	-0.486543776
## [1228,]	1.1563231809	-0.6603060	0.8162188	0.152923319
## [1229,]	1.1579842434	0.2545383	0.8162188	-0.289784670
## [1230,]	1.1613063682	-0.6603060	-1.2243282	1.284288179
## [1231,]	1.1629674306	-0.6603060	0.8162188	1.235098402
## [1232,]	1.1662895555	0.2545383	0.8162188	-1.568718859
## [1233,]	1.1679506179	1.1693826	0.8162188	-0.830872211
## [1234,]	1.1696116803	-0.6603060	0.8162188	-1.617908636
## [1235,]	1.1729338052	0.2545383	0.8162188	1.038339296
## [1236,]	1.1745948676	0.2545383	0.8162188	0.398872201
## [1237,]	1.1762559300	-0.6603060	0.8162188	1.481047285
## [1238,]	1.1779169924	-1.5751502	0.8162188	-1.568718859
## [1239,]	1.1795780549	0.2545383	-1.2243282	-0.732492658
## [1240,]	1.1812391173	1.1693826	-1.2243282	-1.765477965
## [1241,]	1.1829001797	1.1693826	0.8162188	0.546441531
## [1242,]	1.1862223045	1.1693826	0.8162188	0.694010860
## [1243,]	1.1878833670	-0.6603060	0.8162188	1.087529073
## [1244,]	1.1945276167	0.2545383	-1.2243282	-0.486543776
## [1245,]	1.1961886791	1.1693826	-1.2243282	0.595631307
## [1246,]	1.1978497415	-1.5751502	0.8162188	-0.338974446
## [1247,]	1.1995108039	0.2545383	-1.2243282	0.005353989
## [1248,]	1.2028329288	-1.5751502	0.8162188	-0.732492658
## [1249,]	1.2061550536	0.2545383	-1.2243282	0.054543766
## [1250,]	1.2078161160	-0.6603060	-1.2243282	-0.683302882
## [1251,]	1.2094771785	1.1693826	0.8162188	0.202113095
## [1252,]	1.2111382409	0.2545383	0.8162188	1.382667732

## [1253,]	1.2127993033	1.1693826	0.8162188	1.530237061
## [1254,]	1.2144603657	1.1693826	-1.2243282	-0.191405117
## [1255,]	1.2161214282	1.1693826	-1.2243282	0.694010860
## [1256,]	1.2177824906	-1.5751502	-1.2243282	0.398872201
## [1257,]	1.2211046154	0.2545383	-1.2243282	0.448061978
## [1258,]	1.2227656778	-1.5751502	0.8162188	0.202113095
## [1259,]	1.2244267403	1.1693826	-1.2243282	1.235098402
## [1260,]	1.2260878027	0.2545383	0.8162188	-0.388164223
## [1261,]	1.2277488651	-0.6603060	0.8162188	-0.043835787
## [1262,]	1.2310709900	-0.6603060	0.8162188	-0.289784670
## [1263,]	1.2327320524	0.2545383	0.8162188	-1.371959753
## [1264,]	1.2343931148	-0.6603060	0.8162188	-0.437353999
## [1265,]	1.2377152396	0.2545383	0.8162188	-0.289784670
## [1266,]	1.2393763021	1.1693826	0.8162188	1.185908626
## [1267,]	1.2410373645	0.2545383	0.8162188	1.382667732
## [1268,]	1.2443594893	1.1693826	0.8162188	1.038339296
## [1269,]	1.2460205518	-1.5751502	-1.2243282	-0.289784670
## [1270,]	1.2510037390	-0.6603060	0.8162188	1.530237061
## [1271,]	1.2526648014	1.1693826	-1.2243282	-1.667098412
## [1272,]	1.2543258639	-0.6603060	0.8162188	-1.716288189
## [1273,]	1.2576479887	1.1693826	-1.2243282	-1.273580200
## [1274,]	1.2593090511	0.2545383	-1.2243282	0.644821084
## [1275,]	1.2609701136	-1.5751502	-1.2243282	1.235098402
## [1276,]	1.2642922384	-1.5751502	-1.2243282	-0.634113105
## [1277,]	1.2659533008	-0.6603060	0.8162188	-0.978441541
## [1278,]	1.2692754257	0.2545383	0.8162188	-0.978441541
## [1279,]	1.2709364881	1.1693826	0.8162188	1.185908626
## [1280,]	1.2742586129	0.2545383	0.8162188	1.628616614
## [1281,]	1.2775807378	0.2545383	0.8162188	1.136718849
## [1282,]	1.2825639250	0.2545383	0.8162188	0.890769967
## [1283,]	1.2842249875	1.1693826	0.8162188	1.185908626
## [1284,]	1.2858860499	0.2545383	0.8162188	0.792390413
## [1285,]	1.2875471123	0.2545383	0.8162188	-0.043835787
## [1286,]	1.2892081747	-0.6603060	0.8162188	1.579426838
## [1287,]	1.2908692372	0.2545383	-1.2243282	1.628616614
## [1288,]	1.2925302996	-0.6603060	0.8162188	1.431857508
## [1289,]	1.2941913620	-0.6603060	0.8162188	1.185908626
## [1290,]	1.2958524244	-1.5751502	0.8162188	1.677806391
## [1291,]	1.2991745493	1.1693826	0.8162188	1.333477955
## [1292,]	1.3024966741	1.1693826	0.8162188	-0.388164223
## [1293,]	1.3074798614	0.2545383	0.8162188	0.841580190
## [1294,]	1.3091409238	-1.5751502	0.8162188	-0.683302882
## [1295,]	1.3108019862	-0.6603060	0.8162188	0.939959743
## [1296,]	1.3124630487	0.2545383	-1.2243282	0.743200637
## [1297,]	1.3141241111	-1.5751502	-1.2243282	-0.093025564
## [1298,]	1.3174462359	1.1693826	-1.2243282	0.152923319
## [1299,]	1.3224294232	1.1693826	-1.2243282	0.005353989
## [1300,]	1.3240904856	0.2545383	-1.2243282	-0.683302882
## [1301,]	1.3257515480	-0.6603060	0.8162188	1.284288179
## [1302,]	1.3274126105	-0.6603060	0.8162188	-0.683302882
## [1303,]	1.3307347353	-0.6603060	0.8162188	1.235098402
## [1304,]	1.3323957977	0.2545383	-1.2243282	1.284288179
## [1305,]	1.3357179226	-0.6603060	-1.2243282	-0.929251764
## [1306,]	1.3373789850	1.1693826	-1.2243282	0.103733542

## [1307,]	1.3423621723	-1.5751502	-1.2243282	0.103733542
## [1308,]	1.3440232347	0.2545383	-1.2243282	0.054543766
## [1309,]	1.3456842971	-0.6603060	-1.2243282	0.546441531
## [1310,]	1.3473453595	0.2545383	0.8162188	-0.978441541
## [1311,]	1.3490064219	-1.5751502	0.8162188	1.038339296
## [1312,]	1.3523285468	-0.6603060	-1.2243282	-1.617908636
## [1313,]	1.3573117341	1.1693826	0.8162188	1.136718849
## [1314,]	1.3606338589	-1.5751502	0.8162188	-0.486543776
## [1315,]	1.3622949213	0.2545383	-1.2243282	0.054543766
## [1316,]	1.3656170462	1.1693826	-1.2243282	0.349682425
## [1317,]	1.3689391710	-1.5751502	0.8162188	1.284288179
## [1318,]	1.3706002334	1.1693826	-1.2243282	-0.634113105
## [1319,]	1.3739223583	1.1693826	0.8162188	-1.273580200
## [1320,]	1.3755834207	1.1693826	0.8162188	0.644821084
## [1321,]	1.3772444831	0.2545383	0.8162188	-1.371959753
## [1322,]	1.3805666080	-0.6603060	-1.2243282	-0.093025564
## [1323,]	1.3822276704	1.1693826	0.8162188	0.792390413
## [1324,]	1.3838887328	0.2545383	0.8162188	-1.126010871
## [1325,]	1.3855497952	1.1693826	0.8162188	1.333477955
## [1326,]	1.3872108577	1.1693826	0.8162188	0.743200637
## [1327,]	1.3905329825	0.2545383	0.8162188	0.792390413
## [1328,]	1.3921940449	-1.5751502	-1.2243282	-1.027631318
## [1329,]	1.3938551074	-0.6603060	-1.2243282	-1.470339306
## [1330,]	1.3955161698	1.1693826	0.8162188	1.038339296
## [1331,]	1.3971772322	-1.5751502	-1.2243282	0.743200637
## [1332,]	1.3988382946	1.1693826	0.8162188	1.235098402
## [1333,]	1.4004993570	1.1693826	0.8162188	0.349682425
## [1334,]	1.4021604195	0.2545383	-1.2243282	-0.093025564
## [1335,]	1.4038214819	1.1693826	-1.2243282	0.546441531
## [1336,]	1.4054825443	1.1693826	0.8162188	-1.224390424
## [1337,]	1.4088046692	-0.6603060	0.8162188	1.579426838
## [1338,]	1.4121267940	-0.6603060	-1.2243282	0.595631307
## [1339,]	1.4137878564	-0.6603060	0.8162188	1.136718849
## [1340,]	1.4171099813	1.1693826	0.8162188	0.448061978
## [1341,]	1.4204321061	-0.6603060	-1.2243282	-0.142215340
## [1342,]	1.4220931685	-0.6603060	0.8162188	1.136718849
## [1343,]	1.4237542310	0.2545383	0.8162188	-0.093025564
## [1344,]	1.4254152934	1.1693826	0.8162188	-0.338974446
## [1345,]	1.4287374182	1.1693826	0.8162188	0.595631307
## [1346,]	1.4303984806	1.1693826	-1.2243282	-1.076821094
## [1347,]	1.4337206055	-0.6603060	-1.2243282	1.333477955
## [1348,]	1.4370427303	-0.6603060	0.8162188	1.382667732
## [1349,]	1.4403648552	-1.5751502	0.8162188	1.579426838
## [1350,]	1.4420259176	-0.6603060	-1.2243282	1.185908626
## [1351,]	1.4503312297	-1.5751502	-1.2243282	1.136718849
## [1352,]	1.4536533546	1.1693826	-1.2243282	-0.388164223
## [1353,]	1.4586365418	-0.6603060	0.8162188	0.595631307
## [1354,]	1.4619586667	1.1693826	0.8162188	0.939959743
## [1355,]	1.4652807915	-1.5751502	0.8162188	1.530237061
## [1356,]	1.4669418539	0.2545383	0.8162188	-1.617908636
## [1357,]	1.4686029164	0.2545383	-1.2243282	-0.584923329
## [1358,]	1.4719250412	0.2545383	0.8162188	0.841580190
## [1359,]	1.4735861036	0.2545383	-1.2243282	0.989149520
## [1360,]	1.4785692909	1.1693826	-1.2243282	0.448061978

## [1361,]	1.4802303533	-1.5751502	-1.2243282	-0.191405117
## [1362,]	1.4835524782	0.2545383	0.8162188	-0.240594893
## [1363,]	1.4901967279	-0.6603060	0.8162188	-1.076821094
## [1364,]	1.4935188527	-0.6603060	0.8162188	-1.126010871
## [1365,]	1.4985020400	0.2545383	0.8162188	-1.175200647
## [1366,]	1.5001631024	0.2545383	0.8162188	-1.027631318
## [1367,]	1.5018241648	-1.5751502	-1.2243282	-1.667098412
## [1368,]	1.5051462897	-0.6603060	0.8162188	-1.224390424
## [1369,]	1.5068073521	0.2545383	0.8162188	0.989149520
## [1370,]	1.5084684145	1.1693826	-1.2243282	0.890769967
## [1371,]	1.5101294769	0.2545383	0.8162188	-0.093025564
## [1372,]	1.5117905393	1.1693826	-1.2243282	1.136718849
## [1373,]	1.5134516018	-1.5751502	0.8162188	1.038339296
## [1374,]	1.5151126642	1.1693826	-1.2243282	-0.388164223
## [1375,]	1.5167737266	1.1693826	-1.2243282	0.300492648
## [1376,]	1.5184347890	-1.5751502	-1.2243282	-0.929251764
## [1377,]	1.5200958515	-0.6603060	0.8162188	0.251302872
## [1378,]	1.5217569139	-0.6603060	0.8162188	-1.175200647
## [1379,]	1.5250790387	-0.6603060	0.8162188	0.546441531
## [1380,]	1.5267401011	-1.5751502	-1.2243282	-0.388164223
## [1381,]	1.5284011636	-0.6603060	0.8162188	0.251302872
## [1382,]	1.5317232884	0.2545383	0.8162188	-0.830872211
## [1383,]	1.5333843508	0.2545383	0.8162188	-0.880061988
## [1384,]	1.5350454133	-1.5751502	0.8162188	0.005353989
## [1385,]	1.5367064757	-1.5751502	0.8162188	-1.667098412
## [1386,]	1.5383675381	1.1693826	0.8162188	-1.322769977
## [1387,]	1.5400286005	0.2545383	0.8162188	1.431857508
## [1388,]	1.5433507254	-1.5751502	0.8162188	1.136718849
## [1389,]	1.5450117878	0.2545383	-1.2243282	-1.568718859
## [1390,]	1.5466728502	1.1693826	0.8162188	-0.880061988
## [1391,]	1.5533170999	0.2545383	0.8162188	-1.667098412
## [1392,]	1.5549781623	-1.5751502	0.8162188	-0.338974446
## [1393,]	1.5566392247	0.2545383	-1.2243282	-0.535733552
## [1394,]	1.5616224120	1.1693826	0.8162188	-1.076821094
## [1395,]	1.5632834744	1.1693826	0.8162188	-0.486543776
## [1396,]	1.5649445369	-1.5751502	0.8162188	-0.142215340
## [1397,]	1.5666055993	-1.5751502	0.8162188	0.005353989
## [1398,]	1.5682666617	-1.5751502	-1.2243282	0.054543766
## [1399,]	1.5699277241	1.1693826	0.8162188	-1.470339306
## [1400,]	1.5715887866	-1.5751502	0.8162188	-1.765477965
## [1401,]	1.5732498490	1.1693826	0.8162188	1.087529073
## [1402,]	1.5749109114	0.2545383	0.8162188	0.251302872
## [1403,]	1.5765719738	1.1693826	-1.2243282	-0.338974446
## [1404,]	1.5782330362	-0.6603060	0.8162188	0.546441531
## [1405,]	1.5798940987	1.1693826	0.8162188	-1.421149530
## [1406,]	1.5848772859	0.2545383	-1.2243282	-1.273580200
## [1407,]	1.5865383484	0.2545383	-1.2243282	0.546441531
## [1408,]	1.5881994108	-0.6603060	0.8162188	-1.027631318
## [1409,]	1.5898604732	1.1693826	0.8162188	0.595631307
## [1410,]	1.5948436605	1.1693826	-1.2243282	0.349682425
## [1411,]	1.5965047229	-0.6603060	-1.2243282	1.284288179
## [1412,]	1.5981657853	0.2545383	-1.2243282	0.792390413
## [1413,]	1.6014879102	1.1693826	0.8162188	0.497251754
## [1414,]	1.6064710974	1.1693826	0.8162188	-0.437353999

## [1415,]	1.6081321598	-1.5751502	0.8162188	0.890769967
## [1416,]	1.6097932223	-0.6603060	0.8162188	-0.338974446
## [1417,]	1.6114542847	1.1693826	0.8162188	0.989149520
## [1418,]	1.6131153471	-1.5751502	0.8162188	-0.584923329
## [1419,]	1.6147764095	-1.5751502	0.8162188	0.300492648
## [1420,]	1.6164374720	1.1693826	0.8162188	-1.519529083
## [1421,]	1.6180985344	1.1693826	0.8162188	0.497251754
## [1422,]	1.6197595968	0.2545383	-1.2243282	1.579426838
## [1423,]	1.6247427841	1.1693826	0.8162188	-1.126010871
## [1424,]	1.6313870338	1.1693826	0.8162188	-0.142215340
## [1425,]	1.6330480962	-0.6603060	0.8162188	-0.880061988
## [1426,]	1.6347091586	-0.6603060	-1.2243282	1.431857508
## [1427,]	1.6363702210	0.2545383	-1.2243282	-0.830872211
## [1428,]	1.6396923459	-1.5751502	0.8162188	0.841580190
## [1429,]	1.6413534083	-0.6603060	0.8162188	0.103733542
## [1430,]	1.6430144707	-1.5751502	0.8162188	-0.683302882
## [1431,]	1.6446755331	-0.6603060	-1.2243282	1.628616614
## [1432,]	1.6463365956	0.2545383	-1.2243282	-0.880061988
## [1433,]	1.6479976580	0.2545383	-1.2243282	-1.175200647
## [1434,]	1.6496587204	-1.5751502	-1.2243282	0.939959743
## [1435,]	1.6513197828	-1.5751502	0.8162188	-1.273580200
## [1436,]	1.6529808453	-0.6603060	0.8162188	-1.175200647
## [1437,]	1.6546419077	0.2545383	0.8162188	-0.388164223
## [1438,]	1.6563029701	1.1693826	0.8162188	1.038339296
## [1439,]	1.6579640325	1.1693826	0.8162188	-1.617908636
## [1440,]	1.6596250949	-1.5751502	-1.2243282	1.382667732
## [1441,]	1.6612861574	1.1693826	-1.2243282	1.530237061
## [1442,]	1.6629472198	0.2545383	0.8162188	-0.437353999
## [1443,]	1.6646082822	-1.5751502	0.8162188	-1.470339306
## [1444,]	1.6712525319	-1.5751502	0.8162188	-0.486543776
## [1445,]	1.6729135943	1.1693826	0.8162188	0.300492648
## [1446,]	1.6762357192	-1.5751502	-1.2243282	-0.289784670
## [1447,]	1.6778967816	1.1693826	-1.2243282	1.431857508
## [1448,]	1.6795578440	1.1693826	0.8162188	1.087529073
## [1449,]	1.6812189064	0.2545383	0.8162188	-0.437353999
## [1450,]	1.6828799689	1.1693826	0.8162188	0.595631307
## [1451,]	1.6862020937	0.2545383	-1.2243282	-1.716288189
## [1452,]	1.6878631561	-1.5751502	-1.2243282	1.677806391
## [1453,]	1.6928463434	-0.6603060	0.8162188	1.382667732
## [1454,]	1.6945074058	-0.6603060	-1.2243282	1.677806391
## [1455,]	1.6961684682	1.1693826	-1.2243282	-0.781682435
## [1456,]	1.6994905931	0.2545383	0.8162188	-0.683302882
## [1457,]	1.7011516555	0.2545383	0.8162188	0.694010860
## [1458,]	1.7044737803	0.2545383	-1.2243282	1.579426838
## [1459,]	1.7061348428	0.2545383	-1.2243282	-0.191405117
## [1460,]	1.7077959052	1.1693826	0.8162188	-0.978441541
## [1461,]	1.7094569676	1.1693826	-1.2243282	0.349682425
## [1462,]	1.7111180300	1.1693826	0.8162188	-1.322769977
## [1463,]	1.7127790925	-0.6603060	-1.2243282	-0.289784670
## [1464,]	1.7144401549	-0.6603060	0.8162188	0.398872201
## [1465,]	1.7194233421	1.1693826	-1.2243282	-1.765477965
## [1466,]	1.7210844046	0.2545383	0.8162188	-1.224390424
## [1467,]	1.7227454670	1.1693826	0.8162188	-1.175200647
## [1468,]	1.7260675918	-0.6603060	0.8162188	1.038339296

## [1469,]	1.7277286543		1.1693826	0.8162188	-0.142215340
## [1470,]	1.7327118415		-0.6603060	0.8162188	0.792390413
##	JobInvolvement	JobLevel	JobRole	JobSatisfaction	MaritalStatus
## [1,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [2,]	-1.025818	-0.05776789	0.6261610	-0.6606284	-0.1332367
## [3,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
## [4,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [5,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [6,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [7,]	1.784904	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [8,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [9,]	-1.025818	0.84562353	-0.1862456	0.2461164	1.2363997
## [10,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [11,]	1.784904	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [12,]	-1.025818	-0.05776789	-0.9986523	0.2461164	1.2363997
## [13,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
## [14,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [15,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
## [16,]	1.784904	0.84562353	-0.1862456	-1.5673732	-1.5028732
## [17,]	1.784904	-0.96115930	0.6261610	-0.6606284	-1.5028732
## [18,]	1.784904	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [19,]	-1.025818	1.74901494	-0.5924489	1.1528613	-0.1332367
## [20,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [21,]	1.784904	-0.05776789	-0.1862456	0.2461164	-1.5028732
## [22,]	-1.025818	-0.96115930	1.4385677	-1.5673732	1.2363997
## [23,]	0.379543	0.84562353	0.2199577	-0.6606284	1.2363997
## [24,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [25,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
## [26,]	0.379543	2.65240635	-0.5924489	0.2461164	-1.5028732
## [27,]	-2.431178	-0.96115930	0.6261610	-1.5673732	1.2363997
## [28,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [29,]	-1.025818	0.84562353	-1.8110589	1.1528613	-0.1332367
## [30,]	0.379543	2.65240635	-0.5924489	-1.5673732	1.2363997
## [31,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [32,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [33,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
## [34,]	0.379543	-0.05776789	1.4385677	1.1528613	-0.1332367
## [35,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [36,]	1.784904	-0.96115930	0.6261610	0.2461164	-1.5028732
## [37,]	-1.025818	-0.96115930	1.4385677	0.2461164	-0.1332367
## [38,]	0.379543	-0.96115930	1.4385677	1.1528613	-0.1332367
## [39,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [40,]	1.784904	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [41,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [42,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [43,]	-2.431178	-0.96115930	-0.9986523	0.2461164	1.2363997
## [44,]	0.379543	0.84562353	1.0323644	0.2461164	1.2363997
## [45,]	0.379543	-0.05776789	-0.9986523	1.1528613	1.2363997
## [46,]	0.379543	2.65240635	0.2199577	0.2461164	-0.1332367
## [47,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [48,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [49,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [50,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [51,]	-1.025818	0.84562353	-0.9986523	0.2461164	1.2363997

##	[52,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[53,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
##	[54,]	-1.025818	0.84562353	-1.8110589	-1.5673732	-0.1332367
##	[55,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[56,]	0.379543	0.84562353	0.2199577	1.1528613	1.2363997
##	[57,]	0.379543	0.84562353	1.0323644	-1.5673732	-0.1332367
##	[58,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[59,]	0.379543	-0.05776789	-0.9986523	1.1528613	-1.5028732
##	[60,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-1.5028732
##	[61,]	0.379543	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[62,]	0.379543	-0.05776789	-0.9986523	1.1528613	1.2363997
##	[63,]	-1.025818	2.65240635	0.2199577	0.2461164	-1.5028732
##	[64,]	0.379543	0.84562353	1.0323644	-1.5673732	1.2363997
##	[65,]	0.379543	0.84562353	-1.8110589	0.2461164	-1.5028732
##	[66,]	0.379543	1.74901494	-0.5924489	0.2461164	-1.5028732
##	[67,]	-1.025818	-0.05776789	-0.1862456	-0.6606284	1.2363997
##	[68,]	0.379543	0.84562353	0.6261610	-1.5673732	-1.5028732
##	[69,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
##	[70,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[71,]	-1.025818	-0.05776789	1.0323644	0.2461164	1.2363997
##	[72,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[73,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[74,]	0.379543	-0.05776789	0.6261610	-0.6606284	-0.1332367
##	[75,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[76,]	0.379543	-0.05776789	-0.1862456	1.1528613	1.2363997
##	[77,]	-1.025818	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[78,]	0.379543	0.84562353	0.2199577	-1.5673732	-0.1332367
##	[79,]	0.379543	0.84562353	0.2199577	0.2461164	1.2363997
##	[80,]	0.379543	-0.05776789	-1.4048556	-0.6606284	-1.5028732
##	[81,]	-1.025818	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[82,]	-1.025818	-0.96115930	0.6261610	0.2461164	1.2363997
##	[83,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
##	[84,]	-2.431178	-0.05776789	0.6261610	1.1528613	-1.5028732
##	[85,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-0.1332367
##	[86,]	-2.431178	0.84562353	-0.1862456	1.1528613	1.2363997
##	[87,]	0.379543	-0.96115930	1.4385677	-1.5673732	-1.5028732
##	[88,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[89,]	-1.025818	-0.05776789	-1.8110589	1.1528613	-0.1332367
##	[90,]	-1.025818	0.84562353	1.0323644	1.1528613	1.2363997
##	[91,]	-1.025818	1.74901494	-1.8110589	-0.6606284	-0.1332367
##	[92,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[93,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
##	[94,]	-1.025818	0.84562353	-1.8110589	-1.5673732	-0.1332367
##	[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
##	[99,]	0.379543	1.74901494	1.0323644	0.2461164	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
##	[104,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
##	[105,]	-1.025818	-0.05776789	-1.8110589	1.1528613	-1.5028732

## [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
## [111,]	-1.025818	0.84562353	-1.8110589	-1.5673732	1.2363997
## [112,]	-2.431178	-0.05776789	-0.9986523	0.2461164	1.2363997
## [113,]	1.784904	1.74901494	-0.5924489	1.1528613	1.2363997
## [114,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [115,]	-1.025818	-0.05776789	0.6261610	-0.6606284	-1.5028732
## [116,]	0.379543	0.84562353	1.0323644	1.1528613	1.2363997
## [117,]	-1.025818	0.84562353	-0.5924489	-1.5673732	1.2363997
## [118,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
## [119,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [120,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
## [121,]	-2.431178	-0.96115930	0.6261610	0.2461164	-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	0.6261610	-0.6606284	-0.1332367
## [127,]	0.379543	0.84562353	-1.8110589	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,]	1.784904	-0.96115930	0.6261610	0.2461164	1.2363997
## [132,]	0.379543	0.84562353	1.0323644	1.1528613	1.2363997
## [133,]	-2.431178	-0.05776789	1.0323644	0.2461164	-0.1332367
## [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
## [137,]	-2.431178	0.84562353	-0.1862456	1.1528613	1.2363997
## [138,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [139,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [140,]	0.379543	-0.05776789	-1.4048556	1.1528613	-0.1332367
## [141,]	0.379543	-0.96115930	-0.9986523	-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
## [148,]	-1.025818	1.74901494	-0.5924489	-1.5673732	-1.5028732
## [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	1.0323644	1.1528613	1.2363997
## [156,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [157,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [158,]	-1.025818	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [159,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367

## [160,]	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
## [163,]	0.379543	-0.96115930	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
## [168,]	0.379543	0.84562353	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
## [175,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [176,]	0.379543	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [177,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [178,]	-1.025818	-0.96115930	-0.9986523	1.1528613	1.2363997
## [179,]	0.379543	0.84562353	1.0323644	-1.5673732	-1.5028732
## [180,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [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
## [185,]	1.784904	-0.05776789	-0.1862456	-1.5673732	-1.5028732
## [186,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [187,]	0.379543	2.65240635	-0.5924489	0.2461164	-0.1332367
## [188,]	1.784904	2.65240635	0.2199577	-0.6606284	1.2363997
## [189,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [190,]	0.379543	1.74901494	-1.8110589	-0.6606284	1.2363997
## [191,]	-1.025818	2.65240635	-0.5924489	0.2461164	-0.1332367
## [192,]	0.379543	-0.96115930	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
## [202,]	0.379543	-0.05776789	-0.1862456	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	0.6261610	-0.6606284	-1.5028732
## [208,]	0.379543	-0.96115930	-0.9986523	1.1528613	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
## [213,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997

## [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,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [221,]	0.379543	-0.05776789	-0.9986523	-0.6606284	1.2363997
## [222,]	-1.025818	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [223,]	0.379543	0.84562353	0.2199577	1.1528613	-1.5028732
## [224,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
## [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,]	0.379543	0.84562353	1.0323644	0.2461164	1.2363997
## [230,]	-1.025818	-0.96115930	0.6261610	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
## [241,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [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,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
## [248,]	-1.025818	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [249,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [250,]	1.784904	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [251,]	0.379543	0.84562353	-0.1862456	0.2461164	-1.5028732
## [252,]	0.379543	0.84562353	-1.8110589	0.2461164	1.2363997
## [253,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [254,]	1.784904	-0.05776789	0.6261610	-1.5673732	1.2363997
## [255,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [256,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [257,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [258,]	0.379543	2.65240635	0.2199577	0.2461164	-1.5028732
## [259,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [260,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [261,]	1.784904	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [262,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [263,]	-1.025818	-0.05776789	-0.9986523	-1.5673732	1.2363997
## [264,]	-2.431178	1.74901494	-0.5924489	-0.6606284	-0.1332367
## [265,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [266,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [267,]	-1.025818	-0.05776789	-1.8110589	1.1528613	-0.1332367

## [268,]	1.784904	-0.05776789	-1.8110589	-1.5673732	-1.5028732
## [269,]	0.379543	1.74901494	-1.8110589	1.1528613	-0.1332367
## [270,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [271,]	0.379543	2.65240635	-0.5924489	-1.5673732	1.2363997
## [272,]	0.379543	0.84562353	-0.5924489	-0.6606284	-0.1332367
## [273,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [274,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [275,]	-1.025818	-0.96115930	0.6261610	0.2461164	1.2363997
## [276,]	0.379543	0.84562353	0.2199577	1.1528613	-1.5028732
## [277,]	1.784904	0.84562353	-0.5924489	-0.6606284	-1.5028732
## [278,]	1.784904	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [279,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-1.5028732
## [280,]	0.379543	2.65240635	0.2199577	-0.6606284	-1.5028732
## [281,]	0.379543	1.74901494	0.2199577	0.2461164	-0.1332367
## [282,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [283,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [284,]	0.379543	-0.05776789	-0.9986523	1.1528613	-0.1332367
## [285,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-0.1332367
## [286,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [287,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [288,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [289,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [290,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [291,]	0.379543	2.65240635	0.2199577	-1.5673732	1.2363997
## [292,]	0.379543	-0.05776789	0.6261610	-0.6606284	1.2363997
## [293,]	0.379543	-0.96115930	1.4385677	-0.6606284	-1.5028732
## [294,]	-1.025818	-0.05776789	1.0323644	1.1528613	1.2363997
## [295,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [296,]	0.379543	1.74901494	1.0323644	-0.6606284	-0.1332367
## [297,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [298,]	0.379543	0.84562353	1.0323644	-0.6606284	-0.1332367
## [299,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [300,]	-2.431178	-0.05776789	-0.1862456	-0.6606284	-1.5028732
## [301,]	0.379543	1.74901494	-0.5924489	-0.6606284	1.2363997
## [302,]	-1.025818	-0.96115930	1.4385677	0.2461164	1.2363997
## [303,]	1.784904	-0.05776789	-1.8110589	-1.5673732	1.2363997
## [304,]	1.784904	-0.05776789	1.0323644	1.1528613	-0.1332367
## [305,]	1.784904	0.84562353	-1.8110589	1.1528613	-1.5028732
## [306,]	0.379543	-0.05776789	-0.9986523	-0.6606284	-0.1332367
## [307,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [308,]	-1.025818	0.84562353	0.2199577	-0.6606284	-0.1332367
## [309,]	-2.431178	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [310,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [311,]	-1.025818	-0.05776789	-1.4048556	-1.5673732	-0.1332367
## [312,]	0.379543	0.84562353	-0.9986523	-1.5673732	-1.5028732
## [313,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
## [314,]	0.379543	0.84562353	-0.5924489	-0.6606284	-0.1332367
## [315,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
## [316,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [317,]	-1.025818	1.74901494	-1.8110589	0.2461164	1.2363997
## [318,]	-1.025818	-0.05776789	0.6261610	-0.6606284	-0.1332367
## [319,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
## [320,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [321,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997

##	[322,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[323,]	1.784904	-0.05776789	0.6261610	1.1528613	1.2363997
##	[324,]	-2.431178	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[325,]	0.379543	-0.05776789	0.6261610	1.1528613	-0.1332367
##	[326,]	-1.025818	0.84562353	-0.1862456	0.2461164	-0.1332367
##	[327,]	-1.025818	2.65240635	-0.5924489	1.1528613	-0.1332367
##	[328,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[329,]	-1.025818	-0.05776789	1.0323644	1.1528613	1.2363997
##	[330,]	0.379543	2.65240635	0.2199577	0.2461164	-0.1332367
##	[331,]	-1.025818	-0.05776789	-0.9986523	0.2461164	-1.5028732
##	[332,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[333,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
##	[334,]	0.379543	0.84562353	-1.8110589	-1.5673732	-0.1332367
##	[335,]	0.379543	-0.05776789	0.6261610	1.1528613	-0.1332367
##	[336,]	-2.431178	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[337,]	-2.431178	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[338,]	-1.025818	-0.96115930	-0.9986523	1.1528613	1.2363997
##	[339,]	-1.025818	-0.05776789	1.0323644	0.2461164	-1.5028732
##	[340,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[341,]	0.379543	-0.05776789	-0.1862456	1.1528613	-1.5028732
##	[342,]	-1.025818	0.84562353	0.2199577	1.1528613	-1.5028732
##	[343,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
##	[344,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
##	[345,]	0.379543	0.84562353	-0.1862456	-0.6606284	1.2363997
##	[346,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
##	[347,]	-1.025818	-0.05776789	-0.1862456	-0.6606284	1.2363997
##	[348,]	0.379543	-0.05776789	1.4385677	0.2461164	1.2363997
##	[349,]	0.379543	1.74901494	0.2199577	1.1528613	1.2363997
##	[350,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[351,]	0.379543	-0.96115930	-1.4048556	0.2461164	-1.5028732
##	[352,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[353,]	0.379543	0.84562353	-0.5924489	0.2461164	-0.1332367
##	[354,]	1.784904	-0.05776789	0.6261610	-1.5673732	-1.5028732
##	[355,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[356,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[357,]	-1.025818	-0.05776789	-1.8110589	1.1528613	1.2363997
##	[358,]	-1.025818	-0.96115930	1.4385677	-0.6606284	1.2363997
##	[359,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[360,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
##	[361,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
##	[362,]	1.784904	-0.96115930	-0.9986523	0.2461164	-0.1332367
##	[363,]	0.379543	-0.96115930	1.4385677	1.1528613	1.2363997
##	[364,]	0.379543	-0.96115930	1.4385677	0.2461164	1.2363997
##	[365,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[366,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
##	[367,]	0.379543	-0.05776789	1.0323644	-0.6606284	1.2363997
##	[368,]	-1.025818	0.84562353	-1.8110589	1.1528613	1.2363997
##	[369,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[370,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[371,]	1.784904	-0.96115930	1.4385677	-0.6606284	1.2363997
##	[372,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[373,]	-1.025818	-0.05776789	-1.8110589	-0.6606284	1.2363997
##	[374,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-1.5028732
##	[375,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997

## [376,]	-1.025818	0.84562353	-1.8110589	0.2461164	1.2363997
## [377,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [378,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [379,]	1.784904	-0.05776789	1.0323644	1.1528613	1.2363997
## [380,]	0.379543	1.74901494	-0.5924489	1.1528613	1.2363997
## [381,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
## [382,]	0.379543	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [383,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
## [384,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [385,]	-1.025818	0.84562353	1.0323644	0.2461164	-0.1332367
## [386,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [387,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [388,]	0.379543	-0.05776789	1.0323644	-0.6606284	-1.5028732
## [389,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [390,]	0.379543	-0.05776789	-0.1862456	-0.6606284	1.2363997
## [391,]	-1.025818	1.74901494	0.2199577	-0.6606284	-1.5028732
## [392,]	-1.025818	-0.05776789	-0.9986523	0.2461164	-0.1332367
## [393,]	0.379543	2.65240635	0.2199577	-1.5673732	-0.1332367
## [394,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [395,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [396,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [397,]	0.379543	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [398,]	-1.025818	-0.05776789	1.0323644	1.1528613	1.2363997
## [399,]	0.379543	-0.05776789	0.6261610	0.2461164	-0.1332367
## [400,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [401,]	0.379543	2.65240635	-0.5924489	0.2461164	-1.5028732
## [402,]	1.784904	1.74901494	1.0323644	-1.5673732	-0.1332367
## [403,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [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,]	-1.025818	0.84562353	-0.1862456	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
## [410,]	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
## [423,]	-1.025818	-0.96115930	-1.4048556	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
## [428,]	-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	0.6261610	0.2461164	-1.5028732
##	[434,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
##	[435,]	0.379543	0.84562353	-0.1862456	-0.6606284	-1.5028732
##	[436,]	0.379543	0.84562353	-0.5924489	0.2461164	-0.1332367
##	[437,]	-2.431178	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[438,]	0.379543	-0.96115930	1.4385677	-0.6606284	1.2363997
##	[439,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
##	[440,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
##	[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
##	[451,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[452,]	0.379543	0.84562353	-0.1862456	-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
##	[455,]	0.379543	-0.05776789	-0.1862456	1.1528613	-1.5028732
##	[456,]	1.784904	1.74901494	0.2199577	0.2461164	-1.5028732
##	[457,]	-1.025818	0.84562353	-0.5924489	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
##	[461,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
##	[462,]	0.379543	-0.05776789	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
##	[472,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
##	[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	1.4385677	0.2461164	-0.1332367
##	[480,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
##	[481,]	-1.025818	-0.96115930	1.4385677	-1.5673732	-0.1332367
##	[482,]	-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
##	[489,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
##	[490,]	-1.025818	1.74901494	0.2199577	1.1528613	-1.5028732
##	[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
##	[494,]	-1.025818	-0.05776789	-1.4048556	0.2461164	1.2363997
##	[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,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[500,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
##	[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	0.6261610	1.1528613	-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,]	0.379543	0.84562353	-0.1862456	0.2461164	-0.1332367
##	[508,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[509,]	-2.431178	-0.05776789	0.6261610	1.1528613	1.2363997
##	[510,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
##	[511,]	0.379543	0.84562353	-1.4048556	-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
##	[515,]	0.379543	-0.96115930	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
##	[524,]	1.784904	-0.96115930	-0.9986523	0.2461164	-0.1332367
##	[525,]	-1.025818	0.84562353	-1.8110589	-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
##	[531,]	0.379543	0.84562353	-0.1862456	-1.5673732	-0.1332367
##	[532,]	0.379543	0.84562353	0.2199577	1.1528613	1.2363997
##	[533,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[534,]	-1.025818	0.84562353	1.0323644	-1.5673732	-0.1332367
##	[535,]	1.784904	1.74901494	0.2199577	0.2461164	-0.1332367
##	[536,]	-1.025818	2.65240635	-0.5924489	1.1528613	-1.5028732
##	[537,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997

## [538,]	0.379543	0.84562353	-0.1862456	-1.5673732	-1.5028732
## [539,]	-1.025818	2.65240635	-0.5924489	0.2461164	-0.1332367
## [540,]	0.379543	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [541,]	-2.431178	-0.96115930	0.6261610	-0.6606284	1.2363997
## [542,]	1.784904	0.84562353	0.2199577	-1.5673732	-0.1332367
## [543,]	0.379543	0.84562353	-0.1862456	0.2461164	1.2363997
## [544,]	-2.431178	-0.96115930	-0.9986523	0.2461164	1.2363997
## [545,]	0.379543	1.74901494	1.0323644	0.2461164	-1.5028732
## [546,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [547,]	0.379543	-0.96115930	1.4385677	0.2461164	1.2363997
## [548,]	1.784904	-0.96115930	0.6261610	0.2461164	-1.5028732
## [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
## [553,]	0.379543	1.74901494	-1.8110589	1.1528613	-0.1332367
## [554,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
## [555,]	-1.025818	-0.05776789	-1.8110589	-1.5673732	1.2363997
## [556,]	0.379543	-0.96115930	1.4385677	-0.6606284	-1.5028732
## [557,]	0.379543	-0.05776789	-0.9986523	1.1528613	1.2363997
## [558,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-1.5028732
## [559,]	0.379543	-0.05776789	-0.9986523	1.1528613	-0.1332367
## [560,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [561,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-1.5028732
## [562,]	-1.025818	1.74901494	-0.5924489	-1.5673732	-0.1332367
## [563,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [564,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [565,]	-2.431178	-0.05776789	1.4385677	0.2461164	1.2363997
## [566,]	1.784904	-0.96115930	0.6261610	0.2461164	1.2363997
## [567,]	1.784904	-0.05776789	1.0323644	0.2461164	1.2363997
## [568,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [569,]	0.379543	2.65240635	-0.5924489	-1.5673732	-0.1332367
## [570,]	-1.025818	0.84562353	1.0323644	-1.5673732	1.2363997
## [571,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [572,]	-2.431178	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [573,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [574,]	-1.025818	-0.05776789	1.0323644	-1.5673732	1.2363997
## [575,]	1.784904	-0.96115930	0.6261610	1.1528613	1.2363997
## [576,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-1.5028732
## [577,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [578,]	0.379543	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [579,]	1.784904	-0.05776789	-0.1862456	-1.5673732	1.2363997
## [580,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [581,]	0.379543	-0.96115930	1.4385677	1.1528613	-0.1332367
## [582,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [583,]	1.784904	-0.05776789	-1.8110589	-0.6606284	-0.1332367
## [584,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [585,]	0.379543	2.65240635	-0.5924489	1.1528613	-1.5028732
## [586,]	1.784904	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [587,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [588,]	0.379543	-0.05776789	-0.9986523	0.2461164	-0.1332367
## [589,]	0.379543	1.74901494	0.2199577	0.2461164	-0.1332367
## [590,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [591,]	0.379543	0.84562353	0.2199577	0.2461164	-0.1332367

##	[592,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[593,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
##	[594,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-0.1332367
##	[595,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[596,]	0.379543	2.65240635	0.2199577	-0.6606284	1.2363997
##	[597,]	1.784904	-0.96115930	0.6261610	0.2461164	1.2363997
##	[598,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[599,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
##	[600,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-0.1332367
##	[601,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
##	[602,]	-1.025818	-0.05776789	-0.9986523	0.2461164	1.2363997
##	[603,]	-1.025818	-0.05776789	-0.1862456	1.1528613	1.2363997
##	[604,]	-1.025818	-0.96115930	0.6261610	0.2461164	1.2363997
##	[605,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-0.1332367
##	[606,]	-1.025818	-0.05776789	-1.8110589	-1.5673732	-1.5028732
##	[607,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
##	[608,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
##	[609,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[610,]	0.379543	1.74901494	0.2199577	-1.5673732	-0.1332367
##	[611,]	-1.025818	0.84562353	0.2199577	1.1528613	-1.5028732
##	[612,]	0.379543	0.84562353	-0.1862456	0.2461164	1.2363997
##	[613,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[614,]	0.379543	-0.96115930	-1.4048556	1.1528613	-0.1332367
##	[615,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[616,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[617,]	0.379543	1.74901494	-0.5924489	0.2461164	-0.1332367
##	[618,]	0.379543	-0.05776789	-1.8110589	-0.6606284	1.2363997
##	[619,]	1.784904	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[620,]	1.784904	-0.05776789	1.0323644	-1.5673732	-1.5028732
##	[621,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[622,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[623,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[624,]	-1.025818	-0.96115930	0.6261610	1.1528613	-1.5028732
##	[625,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
##	[626,]	0.379543	0.84562353	1.0323644	-1.5673732	-1.5028732
##	[627,]	1.784904	-0.05776789	0.6261610	0.2461164	-0.1332367
##	[628,]	-1.025818	1.74901494	-0.1862456	1.1528613	-0.1332367
##	[629,]	-1.025818	-0.05776789	1.0323644	0.2461164	-1.5028732
##	[630,]	-1.025818	-0.96115930	-1.4048556	1.1528613	-1.5028732
##	[631,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[632,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[633,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[634,]	-1.025818	-0.96115930	-1.4048556	-1.5673732	-0.1332367
##	[635,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
##	[636,]	-1.025818	0.84562353	-0.1862456	0.2461164	-0.1332367
##	[637,]	0.379543	-0.96115930	0.6261610	-0.6606284	-1.5028732
##	[638,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[639,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-0.1332367
##	[640,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
##	[641,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[642,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[643,]	-1.025818	-0.96115930	1.4385677	-0.6606284	-0.1332367
##	[644,]	1.784904	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[645,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367

## [646,]	-1.025818	-0.96115930	1.4385677	0.2461164	-1.5028732
## [647,]	0.379543	1.74901494	1.0323644	1.1528613	-0.1332367
## [648,]	-1.025818	0.84562353	-0.1862456	-0.6606284	-0.1332367
## [649,]	0.379543	-0.96115930	1.4385677	1.1528613	-0.1332367
## [650,]	0.379543	1.74901494	0.2199577	1.1528613	1.2363997
## [651,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [652,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [653,]	0.379543	0.84562353	1.0323644	-0.6606284	1.2363997
## [654,]	0.379543	1.74901494	-0.5924489	-1.5673732	-1.5028732
## [655,]	-1.025818	-0.05776789	-1.4048556	1.1528613	-0.1332367
## [656,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-1.5028732
## [657,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [658,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [659,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [660,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [661,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [662,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-1.5028732
## [663,]	-1.025818	-0.96115930	1.4385677	0.2461164	1.2363997
## [664,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [665,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [666,]	-1.025818	-0.96115930	1.4385677	1.1528613	1.2363997
## [667,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [668,]	-2.431178	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [669,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
## [670,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [671,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [672,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [673,]	-1.025818	-0.05776789	1.0323644	0.2461164	1.2363997
## [674,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [675,]	-1.025818	0.84562353	-1.8110589	-0.6606284	-1.5028732
## [676,]	-1.025818	-0.96115930	1.4385677	0.2461164	-0.1332367
## [677,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [678,]	0.379543	0.84562353	-0.9986523	-0.6606284	-0.1332367
## [679,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [680,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [681,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [682,]	0.379543	0.84562353	0.2199577	-1.5673732	-0.1332367
## [683,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [684,]	-1.025818	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [685,]	-1.025818	0.84562353	1.0323644	-0.6606284	-1.5028732
## [686,]	-1.025818	-0.05776789	1.0323644	-1.5673732	1.2363997
## [687,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [688,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [689,]	-1.025818	-0.96115930	1.4385677	-0.6606284	1.2363997
## [690,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [691,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [692,]	0.379543	-0.96115930	0.6261610	-0.6606284	-1.5028732
## [693,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [694,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
## [695,]	-1.025818	-0.05776789	-1.8110589	1.1528613	1.2363997
## [696,]	-1.025818	0.84562353	1.0323644	0.2461164	-0.1332367
## [697,]	0.379543	-0.05776789	-0.9986523	-0.6606284	-0.1332367
## [698,]	0.379543	-0.96115930	1.4385677	1.1528613	-0.1332367
## [699,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367

## [700,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
## [701,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [702,]	0.379543	1.74901494	-0.5924489	0.2461164	-1.5028732
## [703,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
## [704,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [705,]	0.379543	0.84562353	1.0323644	1.1528613	-1.5028732
## [706,]	1.784904	0.84562353	1.0323644	0.2461164	1.2363997
## [707,]	1.784904	1.74901494	1.0323644	-0.6606284	1.2363997
## [708,]	1.784904	-0.05776789	-0.1862456	0.2461164	-1.5028732
## [709,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [710,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [711,]	0.379543	1.74901494	-0.5924489	0.2461164	1.2363997
## [712,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [713,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [714,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [715,]	0.379543	1.74901494	0.2199577	1.1528613	-1.5028732
## [716,]	1.784904	-0.05776789	-1.8110589	-0.6606284	-0.1332367
## [717,]	0.379543	2.65240635	0.2199577	0.2461164	-1.5028732
## [718,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [719,]	0.379543	-0.05776789	-0.9986523	-1.5673732	-0.1332367
## [720,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [721,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [722,]	0.379543	1.74901494	-0.1862456	0.2461164	-0.1332367
## [723,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [724,]	0.379543	0.84562353	-0.1862456	0.2461164	-1.5028732
## [725,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-1.5028732
## [726,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [727,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [728,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [729,]	0.379543	0.84562353	-0.1862456	0.2461164	-0.1332367
## [730,]	0.379543	0.84562353	-1.8110589	0.2461164	-1.5028732
## [731,]	1.784904	0.84562353	0.2199577	-1.5673732	-0.1332367
## [732,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [733,]	0.379543	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [734,]	1.784904	-0.05776789	-0.1862456	1.1528613	-0.1332367
## [735,]	-2.431178	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [736,]	-1.025818	-0.05776789	-1.8110589	0.2461164	1.2363997
## [737,]	-1.025818	0.84562353	-1.8110589	0.2461164	1.2363997
## [738,]	0.379543	-0.05776789	-0.1862456	0.2461164	1.2363997
## [739,]	-1.025818	1.74901494	-0.1862456	1.1528613	-0.1332367
## [740,]	0.379543	-0.05776789	-0.1862456	1.1528613	-0.1332367
## [741,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [742,]	0.379543	2.65240635	-0.5924489	0.2461164	-0.1332367
## [743,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [744,]	-1.025818	1.74901494	-0.1862456	1.1528613	1.2363997
## [745,]	-2.431178	-0.05776789	-1.8110589	-0.6606284	-0.1332367
## [746,]	0.379543	-0.05776789	-1.8110589	-0.6606284	-0.1332367
## [747,]	-2.431178	2.65240635	0.2199577	0.2461164	-1.5028732
## [748,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [749,]	-2.431178	-0.05776789	1.0323644	-1.5673732	1.2363997
## [750,]	-2.431178	2.65240635	-0.5924489	1.1528613	-0.1332367
## [751,]	1.784904	1.74901494	1.0323644	1.1528613	-0.1332367
## [752,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [753,]	1.784904	-0.96115930	-0.9986523	-1.5673732	1.2363997

## [754,]	0.379543	0.84562353	-0.1862456	-1.5673732	1.2363997
## [755,]	-1.025818	-0.96115930	1.4385677	1.1528613	1.2363997
## [756,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
## [757,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [758,]	1.784904	-0.05776789	1.0323644	1.1528613	-1.5028732
## [759,]	0.379543	0.84562353	-0.5924489	1.1528613	-0.1332367
## [760,]	0.379543	-0.96115930	-1.4048556	-0.6606284	1.2363997
## [761,]	-1.025818	0.84562353	1.0323644	-0.6606284	-0.1332367
## [762,]	0.379543	-0.05776789	-0.9986523	0.2461164	-1.5028732
## [763,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [764,]	0.379543	-0.96115930	1.4385677	0.2461164	-0.1332367
## [765,]	0.379543	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [766,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [767,]	0.379543	2.65240635	0.2199577	0.2461164	-0.1332367
## [768,]	0.379543	-0.05776789	-1.8110589	-0.6606284	1.2363997
## [769,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [770,]	-1.025818	-0.96115930	0.6261610	0.2461164	-1.5028732
## [771,]	0.379543	2.65240635	0.2199577	1.1528613	-1.5028732
## [772,]	-1.025818	0.84562353	1.0323644	0.2461164	-0.1332367
## [773,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [774,]	-1.025818	0.84562353	-0.1862456	1.1528613	1.2363997
## [775,]	-1.025818	1.74901494	-0.5924489	-1.5673732	1.2363997
## [776,]	-1.025818	0.84562353	1.0323644	1.1528613	-1.5028732
## [777,]	0.379543	-0.96115930	1.4385677	1.1528613	1.2363997
## [778,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [779,]	-1.025818	-0.05776789	0.6261610	-1.5673732	-1.5028732
## [780,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [781,]	-1.025818	0.84562353	-1.8110589	-1.5673732	1.2363997
## [782,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [783,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [784,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
## [785,]	-1.025818	0.84562353	-1.8110589	0.2461164	-0.1332367
## [786,]	0.379543	0.84562353	-1.8110589	1.1528613	-0.1332367
## [787,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [788,]	0.379543	0.84562353	-0.1862456	-0.6606284	-0.1332367
## [789,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
## [790,]	-1.025818	0.84562353	-1.4048556	-1.5673732	-0.1332367
## [791,]	-1.025818	0.84562353	-1.8110589	1.1528613	-1.5028732
## [792,]	0.379543	0.84562353	1.0323644	-1.5673732	1.2363997
## [793,]	-1.025818	-0.05776789	0.6261610	0.2461164	1.2363997
## [794,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [795,]	0.379543	-0.05776789	-1.8110589	1.1528613	1.2363997
## [796,]	-1.025818	-0.05776789	1.0323644	1.1528613	-1.5028732
## [797,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [798,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [799,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
## [800,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
## [801,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [802,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [803,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [804,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
## [805,]	1.784904	1.74901494	-0.5924489	1.1528613	1.2363997
## [806,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [807,]	0.379543	0.84562353	-1.8110589	-0.6606284	1.2363997

##	[808,]	-1.025818	0.84562353	1.0323644	0.2461164	-1.5028732
##	[809,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
##	[810,]	0.379543	0.84562353	-0.1862456	-0.6606284	-1.5028732
##	[811,]	0.379543	1.74901494	-0.5924489	0.2461164	-0.1332367
##	[812,]	0.379543	0.84562353	1.0323644	-0.6606284	1.2363997
##	[813,]	0.379543	0.84562353	-0.1862456	-1.5673732	-0.1332367
##	[814,]	0.379543	1.74901494	-1.8110589	1.1528613	-1.5028732
##	[815,]	-1.025818	2.65240635	0.2199577	0.2461164	1.2363997
##	[816,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[817,]	0.379543	-0.05776789	-0.9986523	-0.6606284	1.2363997
##	[818,]	0.379543	-0.05776789	-0.1862456	1.1528613	1.2363997
##	[819,]	1.784904	-0.96115930	1.4385677	1.1528613	-0.1332367
##	[820,]	-1.025818	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[821,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[822,]	-1.025818	1.74901494	1.0323644	-0.6606284	-0.1332367
##	[823,]	0.379543	-0.05776789	-0.1862456	0.2461164	1.2363997
##	[824,]	0.379543	-0.96115930	0.6261610	-0.6606284	-1.5028732
##	[825,]	-2.431178	-0.05776789	-0.9986523	1.1528613	1.2363997
##	[826,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[827,]	1.784904	-0.96115930	-1.4048556	0.2461164	-0.1332367
##	[828,]	-1.025818	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[829,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[830,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[831,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[832,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
##	[833,]	-1.025818	-0.05776789	-1.8110589	1.1528613	-1.5028732
##	[834,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[835,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[836,]	0.379543	-0.96115930	-1.4048556	0.2461164	1.2363997
##	[837,]	-1.025818	0.84562353	1.0323644	-1.5673732	-0.1332367
##	[838,]	0.379543	0.84562353	0.2199577	0.2461164	1.2363997
##	[839,]	0.379543	1.74901494	1.0323644	-1.5673732	1.2363997
##	[840,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[841,]	-1.025818	-0.96115930	-0.9986523	0.2461164	-0.1332367
##	[842,]	0.379543	-0.96115930	-0.9986523	-0.6606284	1.2363997
##	[843,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[844,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[845,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[846,]	-1.025818	-0.05776789	0.6261610	1.1528613	-0.1332367
##	[847,]	-1.025818	0.84562353	-0.1862456	-0.6606284	-1.5028732
##	[848,]	-1.025818	-0.05776789	-1.8110589	-1.5673732	1.2363997
##	[849,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[850,]	-2.431178	-0.05776789	1.0323644	0.2461164	1.2363997
##	[851,]	0.379543	-0.96115930	1.4385677	-1.5673732	-1.5028732
##	[852,]	0.379543	2.65240635	-0.5924489	-1.5673732	-1.5028732
##	[853,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[854,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[855,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[856,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[857,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[858,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
##	[859,]	0.379543	2.65240635	-0.5924489	0.2461164	-1.5028732
##	[860,]	-2.431178	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[861,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367

##	[862,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
##	[863,]	-2.431178	-0.96115930	0.6261610	0.2461164	1.2363997
##	[864,]	0.379543	-0.96115930	-1.4048556	0.2461164	-0.1332367
##	[865,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-1.5028732
##	[866,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
##	[867,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[868,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
##	[869,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[870,]	0.379543	2.65240635	0.2199577	-0.6606284	-0.1332367
##	[871,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
##	[872,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[873,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[874,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-1.5028732
##	[875,]	0.379543	-0.05776789	-0.9986523	0.2461164	-1.5028732
##	[876,]	0.379543	-0.05776789	0.6261610	1.1528613	1.2363997
##	[877,]	1.784904	-0.96115930	1.4385677	1.1528613	1.2363997
##	[878,]	0.379543	-0.05776789	-0.1862456	1.1528613	-1.5028732
##	[879,]	1.784904	-0.05776789	-1.4048556	-1.5673732	-0.1332367
##	[880,]	1.784904	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[881,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[882,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
##	[883,]	-2.431178	0.84562353	-0.1862456	-1.5673732	-1.5028732
##	[884,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[885,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
##	[886,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[887,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[888,]	0.379543	0.84562353	0.2199577	-1.5673732	-0.1332367
##	[889,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
##	[890,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
##	[891,]	0.379543	0.84562353	-0.1862456	0.2461164	-1.5028732
##	[892,]	1.784904	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[893,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[894,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
##	[895,]	0.379543	1.74901494	0.2199577	1.1528613	-0.1332367
##	[896,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-0.1332367
##	[897,]	-1.025818	-0.05776789	-1.8110589	-1.5673732	1.2363997
##	[898,]	-1.025818	-0.05776789	1.0323644	1.1528613	1.2363997
##	[899,]	-2.431178	2.65240635	0.2199577	1.1528613	-0.1332367
##	[900,]	-1.025818	2.65240635	-0.5924489	0.2461164	-0.1332367
##	[901,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[902,]	1.784904	-0.96115930	-0.9986523	-0.6606284	1.2363997
##	[903,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[904,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
##	[905,]	-1.025818	2.65240635	0.2199577	1.1528613	1.2363997
##	[906,]	-1.025818	1.74901494	0.2199577	1.1528613	-1.5028732
##	[907,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[908,]	0.379543	2.65240635	-0.5924489	-0.6606284	-0.1332367
##	[909,]	1.784904	0.84562353	1.0323644	0.2461164	-1.5028732
##	[910,]	1.784904	-0.96115930	0.6261610	1.1528613	1.2363997
##	[911,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[912,]	-2.431178	-0.96115930	1.4385677	1.1528613	1.2363997
##	[913,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[914,]	-2.431178	2.65240635	-0.5924489	-0.6606284	1.2363997
##	[915,]	-1.025818	1.74901494	-1.8110589	-0.6606284	-1.5028732

##	[916,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[917,]	-1.025818	2.65240635	-0.5924489	-0.6606284	-0.1332367
##	[918,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[919,]	0.379543	2.65240635	-0.5924489	-0.6606284	-1.5028732
##	[920,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
##	[921,]	0.379543	-0.05776789	-0.9986523	-0.6606284	-1.5028732
##	[922,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[923,]	1.784904	2.65240635	-0.5924489	-1.5673732	-1.5028732
##	[924,]	-1.025818	-0.05776789	-1.4048556	-0.6606284	-0.1332367
##	[925,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[926,]	1.784904	-0.05776789	0.6261610	-0.6606284	-0.1332367
##	[927,]	-1.025818	0.84562353	1.0323644	1.1528613	1.2363997
##	[928,]	0.379543	-0.05776789	-0.1862456	-0.6606284	1.2363997
##	[929,]	0.379543	0.84562353	-1.8110589	1.1528613	-0.1332367
##	[930,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[931,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[932,]	0.379543	-0.05776789	-0.1862456	0.2461164	1.2363997
##	[933,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
##	[934,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[935,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[936,]	1.784904	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[937,]	0.379543	2.65240635	-0.5924489	-0.6606284	1.2363997
##	[938,]	-1.025818	1.74901494	-0.5924489	-0.6606284	-1.5028732
##	[939,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[940,]	0.379543	-0.05776789	-0.9986523	0.2461164	-0.1332367
##	[941,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[942,]	-1.025818	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[943,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
##	[944,]	0.379543	-0.96115930	-1.4048556	-1.5673732	1.2363997
##	[945,]	-2.431178	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[946,]	0.379543	1.74901494	0.2199577	-1.5673732	-0.1332367
##	[947,]	-1.025818	0.84562353	1.0323644	-0.6606284	1.2363997
##	[948,]	0.379543	0.84562353	1.0323644	-0.6606284	1.2363997
##	[949,]	0.379543	0.84562353	-0.5924489	-1.5673732	-0.1332367
##	[950,]	0.379543	-0.05776789	-0.1862456	0.2461164	1.2363997
##	[951,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
##	[952,]	-2.431178	-0.05776789	1.0323644	-0.6606284	1.2363997
##	[953,]	0.379543	-0.96115930	1.4385677	-0.6606284	1.2363997
##	[954,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[955,]	0.379543	1.74901494	-0.5924489	0.2461164	-0.1332367
##	[956,]	-2.431178	2.65240635	-0.5924489	0.2461164	-0.1332367
##	[957,]	0.379543	2.65240635	-0.5924489	-0.6606284	1.2363997
##	[958,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[959,]	0.379543	0.84562353	-1.8110589	1.1528613	-1.5028732
##	[960,]	0.379543	-0.05776789	0.6261610	1.1528613	1.2363997
##	[961,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
##	[962,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
##	[963,]	0.379543	1.74901494	-0.5924489	-0.6606284	-1.5028732
##	[964,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
##	[965,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[966,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[967,]	-1.025818	0.84562353	-0.1862456	-1.5673732	-0.1332367
##	[968,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[969,]	1.784904	-0.05776789	1.0323644	-1.5673732	-0.1332367

## [970,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
## [971,]	1.784904	-0.96115930	1.4385677	1.1528613	-0.1332367
## [972,]	-1.025818	1.74901494	-0.1862456	-0.6606284	1.2363997
## [973,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [974,]	-1.025818	-0.05776789	-0.9986523	1.1528613	-0.1332367
## [975,]	-2.431178	-0.05776789	1.0323644	1.1528613	1.2363997
## [976,]	1.784904	1.74901494	1.0323644	0.2461164	1.2363997
## [977,]	0.379543	1.74901494	-0.1862456	-0.6606284	-0.1332367
## [978,]	-1.025818	-0.96115930	0.6261610	0.2461164	-1.5028732
## [979,]	1.784904	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [980,]	0.379543	-0.05776789	-0.9986523	0.2461164	-0.1332367
## [981,]	-1.025818	-0.96115930	1.4385677	1.1528613	1.2363997
## [982,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [983,]	1.784904	-0.96115930	0.6261610	0.2461164	-1.5028732
## [984,]	0.379543	-0.05776789	-1.8110589	1.1528613	1.2363997
## [985,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [986,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [987,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [988,]	0.379543	0.84562353	1.0323644	-0.6606284	-0.1332367
## [989,]	0.379543	-0.05776789	0.6261610	1.1528613	-1.5028732
## [990,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [991,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [992,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [993,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
## [994,]	1.784904	-0.05776789	1.0323644	0.2461164	-0.1332367
## [995,]	1.784904	1.74901494	-0.1862456	0.2461164	-0.1332367
## [996,]	-1.025818	-0.05776789	0.6261610	0.2461164	1.2363997
## [997,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [998,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [999,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
## [1000,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
## [1001,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [1002,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1003,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
## [1004,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [1005,]	1.784904	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1006,]	-1.025818	0.84562353	-1.4048556	-1.5673732	1.2363997
## [1007,]	-1.025818	-0.05776789	-0.9986523	-1.5673732	1.2363997
## [1008,]	0.379543	0.84562353	-1.8110589	1.1528613	1.2363997
## [1009,]	0.379543	1.74901494	0.2199577	1.1528613	1.2363997
## [1010,]	0.379543	2.65240635	0.2199577	-1.5673732	-0.1332367
## [1011,]	1.784904	1.74901494	0.2199577	1.1528613	-1.5028732
## [1012,]	0.379543	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1013,]	-2.431178	-0.96115930	1.4385677	0.2461164	1.2363997
## [1014,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [1015,]	0.379543	1.74901494	0.2199577	-0.6606284	1.2363997
## [1016,]	0.379543	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [1017,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
## [1018,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [1019,]	-1.025818	-0.05776789	-0.9986523	1.1528613	1.2363997
## [1020,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [1021,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1022,]	-1.025818	-0.96115930	1.4385677	-1.5673732	-0.1332367
## [1023,]	1.784904	-0.96115930	-0.9986523	0.2461164	1.2363997

## [1024,]	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	0.2461164	-1.5028732
## [1031,]	0.379543	0.84562353	1.0323644	1.1528613	-1.5028732
## [1032,]	0.379543	0.84562353	1.0323644	1.1528613	-1.5028732
## [1033,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1034,]	1.784904	0.84562353	-0.1862456	-0.6606284	1.2363997
## [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,]	0.379543	0.84562353	-0.1862456	1.1528613	-0.1332367
## [1039,]	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
## [1051,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [1052,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1053,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
## [1054,]	1.784904	-0.05776789	0.6261610	0.2461164	-0.1332367
## [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,]	0.379543	0.84562353	-0.1862456	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
## [1072,]	-1.025818	-0.05776789	-0.9986523	-1.5673732	-0.1332367
## [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
## [1076,]	0.379543	0.84562353	-0.5924489	1.1528613	1.2363997
## [1077,]	0.379543	1.74901494	-0.5924489	1.1528613	-1.5028732

## [1078,]	-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,]	0.379543	1.74901494	-0.5924489	-0.6606284	-0.1332367
## [1082,]	-1.025818	0.84562353	-1.8110589	-0.6606284	1.2363997
## [1083,]	0.379543	-0.05776789	-0.9986523	0.2461164	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
## [1093,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1094,]	0.379543	0.84562353	-1.8110589	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	-1.5673732	-1.5028732
## [1099,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [1100,]	0.379543	0.84562353	-1.8110589	-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,]	0.379543	-0.96115930	1.4385677	1.1528613	1.2363997
## [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
## [1125,]	1.784904	0.84562353	1.0323644	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	1.1528613	-0.1332367
## [1136,]	1.784904	1.74901494	-0.5924489	-1.5673732	1.2363997
## [1137,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [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	0.6261610	-0.6606284	-0.1332367
## [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	1.0323644	-1.5673732	1.2363997
## [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
## [1155,]	0.379543	2.65240635	-0.5924489	0.2461164	-0.1332367
## [1156,]	-1.025818	-0.05776789	-0.9986523	0.2461164	-1.5028732
## [1157,]	-1.025818	0.84562353	-0.1862456	0.2461164	-0.1332367
## [1158,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [1159,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [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
## [1163,]	-1.025818	0.84562353	1.0323644	-1.5673732	-0.1332367
## [1164,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [1165,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
## [1166,]	0.379543	-0.05776789	-1.4048556	1.1528613	-0.1332367
## [1167,]	-1.025818	1.74901494	-0.5924489	1.1528613	-0.1332367
## [1168,]	-2.431178	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1169,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [1170,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1171,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [1172,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1173,]	-1.025818	-0.05776789	1.0323644	0.2461164	1.2363997
## [1174,]	0.379543	0.84562353	-1.8110589	-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,]	-1.025818	1.74901494	-1.8110589	0.2461164	-0.1332367
## [1183,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [1184,]	1.784904	-0.05776789	-1.8110589	-1.5673732	-1.5028732
## [1185,]	0.379543	1.74901494	-0.5924489	0.2461164	-0.1332367

## [1186,]	-1.025818	1.74901494	0.2199577	0.2461164	-0.1332367
## [1187,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1188,]	0.379543	-0.05776789	0.6261610	1.1528613	-0.1332367
## [1189,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
## [1190,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1191,]	0.379543	-0.05776789	0.6261610	-0.6606284	-1.5028732
## [1192,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1193,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [1194,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [1195,]	1.784904	1.74901494	-0.5924489	-0.6606284	-1.5028732
## [1196,]	0.379543	1.74901494	-0.5924489	0.2461164	1.2363997
## [1197,]	0.379543	0.84562353	1.0323644	0.2461164	1.2363997
## [1198,]	0.379543	-0.96115930	1.4385677	-1.5673732	1.2363997
## [1199,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1200,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [1201,]	0.379543	-0.96115930	-1.4048556	1.1528613	-1.5028732
## [1202,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1203,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1204,]	1.784904	0.84562353	-1.8110589	1.1528613	-0.1332367
## [1205,]	0.379543	-0.96115930	1.4385677	0.2461164	-0.1332367
## [1206,]	0.379543	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [1207,]	0.379543	-0.96115930	-0.9986523	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
## [1210,]	-2.431178	0.84562353	-1.8110589	1.1528613	-1.5028732
## [1211,]	1.784904	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [1212,]	-2.431178	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1213,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1214,]	0.379543	-0.96115930	1.4385677	1.1528613	-1.5028732
## [1215,]	1.784904	0.84562353	-1.8110589	1.1528613	-0.1332367
## [1216,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
## [1217,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1218,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1219,]	0.379543	0.84562353	1.0323644	0.2461164	1.2363997
## [1220,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1221,]	0.379543	-0.05776789	1.4385677	1.1528613	1.2363997
## [1222,]	-1.025818	0.84562353	-1.8110589	0.2461164	-0.1332367
## [1223,]	-2.431178	-0.96115930	-1.4048556	0.2461164	-0.1332367
## [1224,]	-2.431178	1.74901494	1.0323644	0.2461164	-0.1332367
## [1225,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1226,]	-1.025818	1.74901494	0.2199577	-0.6606284	1.2363997
## [1227,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1228,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1229,]	-2.431178	-0.05776789	-1.4048556	-0.6606284	-0.1332367
## [1230,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [1231,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [1232,]	0.379543	-0.05776789	-1.8110589	-0.6606284	1.2363997
## [1233,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [1234,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1235,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1236,]	0.379543	0.84562353	1.0323644	1.1528613	-1.5028732
## [1237,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [1238,]	-2.431178	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1239,]	0.379543	-0.96115930	-0.9986523	-0.6606284	1.2363997

## [1240,]	0.379543	-0.05776789	-0.1862456	1.1528613	1.2363997
## [1241,]	0.379543	-0.05776789	-0.9986523	1.1528613	-0.1332367
## [1242,]	-2.431178	0.84562353	1.0323644	0.2461164	-0.1332367
## [1243,]	0.379543	2.65240635	-0.5924489	-0.6606284	1.2363997
## [1244,]	-2.431178	0.84562353	-1.4048556	0.2461164	-0.1332367
## [1245,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [1246,]	0.379543	-0.96115930	-1.4048556	1.1528613	-0.1332367
## [1247,]	-1.025818	-0.96115930	-1.4048556	1.1528613	-1.5028732
## [1248,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1249,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [1250,]	-2.431178	-0.96115930	1.4385677	-0.6606284	1.2363997
## [1251,]	1.784904	-0.05776789	-1.8110589	0.2461164	1.2363997
## [1252,]	-1.025818	0.84562353	1.0323644	-1.5673732	-1.5028732
## [1253,]	1.784904	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1254,]	0.379543	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1255,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1256,]	0.379543	0.84562353	1.0323644	-1.5673732	1.2363997
## [1257,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [1258,]	0.379543	0.84562353	1.0323644	0.2461164	-0.1332367
## [1259,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [1260,]	1.784904	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [1261,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
## [1262,]	-2.431178	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [1263,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1264,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [1265,]	-1.025818	2.65240635	0.2199577	-1.5673732	-0.1332367
## [1266,]	0.379543	-0.05776789	0.6261610	-0.6606284	-1.5028732
## [1267,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [1268,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
## [1269,]	-1.025818	1.74901494	-0.1862456	0.2461164	-0.1332367
## [1270,]	0.379543	-0.96115930	-1.4048556	1.1528613	1.2363997
## [1271,]	-2.431178	-0.05776789	1.0323644	1.1528613	1.2363997
## [1272,]	0.379543	-0.96115930	1.4385677	-0.6606284	1.2363997
## [1273,]	-1.025818	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1274,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [1275,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1276,]	0.379543	0.84562353	-0.5924489	0.2461164	-0.1332367
## [1277,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1278,]	0.379543	2.65240635	0.2199577	1.1528613	-1.5028732
## [1279,]	0.379543	0.84562353	-1.8110589	-1.5673732	-0.1332367
## [1280,]	0.379543	-0.96115930	0.6261610	-0.6606284	-1.5028732
## [1281,]	0.379543	-0.05776789	-1.4048556	-0.6606284	-1.5028732
## [1282,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1283,]	1.784904	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [1284,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1285,]	0.379543	0.84562353	0.2199577	0.2461164	1.2363997
## [1286,]	-1.025818	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1287,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [1288,]	1.784904	-0.05776789	-1.8110589	-1.5673732	-0.1332367
## [1289,]	0.379543	-0.05776789	-0.1862456	1.1528613	-1.5028732
## [1290,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-1.5028732
## [1291,]	0.379543	-0.05776789	-0.9986523	-1.5673732	-0.1332367
## [1292,]	0.379543	-0.05776789	-0.1862456	-1.5673732	1.2363997
## [1293,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732

## [1294,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [1295,]	1.784904	-0.05776789	-1.8110589	-0.6606284	1.2363997
## [1296,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
## [1297,]	0.379543	0.84562353	-0.1862456	0.2461164	1.2363997
## [1298,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1299,]	0.379543	-0.05776789	-1.8110589	-0.6606284	-0.1332367
## [1300,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [1301,]	1.784904	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1302,]	0.379543	1.74901494	-0.5924489	-0.6606284	-1.5028732
## [1303,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1304,]	-1.025818	0.84562353	-0.1862456	-0.6606284	-1.5028732
## [1305,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-1.5028732
## [1306,]	0.379543	-0.05776789	0.6261610	1.1528613	-0.1332367
## [1307,]	0.379543	0.84562353	1.0323644	-1.5673732	-0.1332367
## [1308,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [1309,]	-2.431178	-0.05776789	1.4385677	1.1528613	-0.1332367
## [1310,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1311,]	0.379543	1.74901494	0.2199577	0.2461164	-0.1332367
## [1312,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [1313,]	1.784904	-0.96115930	-1.4048556	-1.5673732	-0.1332367
## [1314,]	-1.025818	-0.96115930	-1.4048556	-1.5673732	-1.5028732
## [1315,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1316,]	0.379543	-0.05776789	0.6261610	-0.6606284	-0.1332367
## [1317,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1318,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [1319,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [1320,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1321,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1322,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1323,]	0.379543	0.84562353	-0.1862456	1.1528613	-1.5028732
## [1324,]	0.379543	-0.96115930	-1.4048556	1.1528613	-1.5028732
## [1325,]	-2.431178	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [1326,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1327,]	-1.025818	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1328,]	1.784904	1.74901494	1.0323644	-1.5673732	-1.5028732
## [1329,]	-1.025818	-0.05776789	1.4385677	0.2461164	-0.1332367
## [1330,]	-1.025818	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1331,]	-1.025818	2.65240635	-0.5924489	0.2461164	-0.1332367
## [1332,]	-1.025818	2.65240635	0.2199577	-0.6606284	-0.1332367
## [1333,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
## [1334,]	0.379543	0.84562353	1.0323644	-0.6606284	-0.1332367
## [1335,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [1336,]	0.379543	-0.05776789	0.6261610	1.1528613	-1.5028732
## [1337,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1338,]	0.379543	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [1339,]	0.379543	-0.96115930	1.4385677	1.1528613	1.2363997
## [1340,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
## [1341,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1342,]	0.379543	-0.05776789	-0.9986523	0.2461164	-1.5028732
## [1343,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
## [1344,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1345,]	0.379543	-0.05776789	0.6261610	-1.5673732	-0.1332367
## [1346,]	-1.025818	-0.05776789	-0.1862456	-0.6606284	-0.1332367
## [1347,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367

## [1348,]	-1.025818	-0.05776789	-1.4048556	1.1528613	1.2363997
## [1349,]	0.379543	1.74901494	-0.5924489	-1.5673732	-1.5028732
## [1350,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1351,]	1.784904	-0.05776789	1.0323644	0.2461164	1.2363997
## [1352,]	0.379543	1.74901494	-0.5924489	1.1528613	-1.5028732
## [1353,]	1.784904	-0.05776789	-1.8110589	-1.5673732	-0.1332367
## [1354,]	-2.431178	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [1355,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [1356,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1357,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1358,]	0.379543	0.84562353	0.2199577	-1.5673732	-0.1332367
## [1359,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1360,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1361,]	1.784904	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [1362,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [1363,]	0.379543	-0.05776789	-1.8110589	0.2461164	1.2363997
## [1364,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [1365,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1366,]	1.784904	-0.96115930	1.4385677	-1.5673732	1.2363997
## [1367,]	-2.431178	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1368,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [1369,]	-1.025818	-0.05776789	0.6261610	1.1528613	-0.1332367
## [1370,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [1371,]	0.379543	-0.05776789	0.6261610	-0.6606284	-0.1332367
## [1372,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [1373,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [1374,]	-1.025818	-0.05776789	0.6261610	-0.6606284	-1.5028732
## [1375,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
## [1376,]	1.784904	-0.96115930	0.6261610	0.2461164	1.2363997
## [1377,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
## [1378,]	0.379543	2.65240635	0.2199577	1.1528613	-0.1332367
## [1379,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1380,]	-1.025818	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1381,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [1382,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [1383,]	0.379543	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [1384,]	1.784904	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [1385,]	0.379543	0.84562353	1.0323644	1.1528613	1.2363997
## [1386,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
## [1387,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1388,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-0.1332367
## [1389,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [1390,]	-2.431178	-0.05776789	0.6261610	-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,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1395,]	-1.025818	-0.05776789	-0.1862456	1.1528613	1.2363997
## [1396,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1397,]	0.379543	0.84562353	1.0323644	-1.5673732	1.2363997
## [1398,]	0.379543	-0.05776789	0.6261610	0.2461164	-0.1332367
## [1399,]	0.379543	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [1400,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
## [1401,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-0.1332367

## [1402,]	1.784904	2.65240635	-0.5924489	-0.6606284	-0.1332367
## [1403,]	-2.431178	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [1404,]	0.379543	1.74901494	1.0323644	-1.5673732	1.2363997
## [1405,]	-1.025818	-0.05776789	0.6261610	0.2461164	1.2363997
## [1406,]	0.379543	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,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [1410,]	0.379543	-0.05776789	-0.9986523	0.2461164	-0.1332367
## [1411,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1412,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1413,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [1414,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [1415,]	0.379543	0.84562353	-1.8110589	0.2461164	1.2363997
## [1416,]	-1.025818	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [1417,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1418,]	0.379543	-0.96115930	1.4385677	0.2461164	-0.1332367
## [1419,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [1420,]	0.379543	-0.05776789	0.6261610	-1.5673732	-1.5028732
## [1421,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1422,]	0.379543	0.84562353	0.2199577	-0.6606284	-0.1332367
## [1423,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1424,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [1425,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
## [1426,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [1427,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [1428,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [1429,]	-1.025818	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [1430,]	0.379543	-0.05776789	0.6261610	1.1528613	1.2363997
## [1431,]	-2.431178	0.84562353	0.2199577	0.2461164	-0.1332367
## [1432,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
## [1433,]	1.784904	0.84562353	0.2199577	1.1528613	-0.1332367
## [1434,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
## [1435,]	0.379543	-0.96115930	1.4385677	1.1528613	-1.5028732
## [1436,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [1437,]	0.379543	-0.96115930	1.4385677	-1.5673732	1.2363997
## [1438,]	0.379543	2.65240635	-0.5924489	1.1528613	1.2363997
## [1439,]	0.379543	-0.96115930	1.4385677	-1.5673732	-0.1332367
## [1440,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
## [1441,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-1.5028732
## [1442,]	0.379543	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [1443,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1444,]	0.379543	2.65240635	-0.5924489	0.2461164	-0.1332367
## [1445,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1446,]	-1.025818	1.74901494	-0.1862456	-0.6606284	-0.1332367
## [1447,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1448,]	-2.431178	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1449,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
## [1450,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
## [1451,]	0.379543	0.84562353	-1.4048556	1.1528613	1.2363997
## [1452,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1453,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
## [1454,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1455,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997

##	[1456,]	-1.025818	-0.96115930	0.6261610	0.2461164	1.2363997
##	[1457,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
##	[1458,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[1459,]	-2.431178	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[1460,]	-1.025818	-0.05776789	-0.9986523	-0.6606284	-0.1332367
##	[1461,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[1462,]	-1.025818	0.84562353	1.0323644	-1.5673732	-1.5028732
##	[1463,]	-1.025818	1.74901494	1.0323644	1.1528613	-0.1332367
##	[1464,]	0.379543	-0.05776789	-0.1862456	-1.5673732	1.2363997
##	[1465,]	-1.025818	-0.96115930	1.4385677	0.2461164	1.2363997
##	[1466,]	1.784904	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[1467,]	-1.025818	0.84562353	-1.8110589	-1.5673732	-0.1332367
##	[1468,]	1.784904	-0.05776789	-0.1862456	-0.6606284	-0.1332367
##	[1469,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[1470,]	1.784904	-0.05776789	-0.9986523	0.2461164	-0.1332367
##		MonthlyIncome	MonthlyRate	NumCompaniesWorked	Over18	OverTime
##	[1,]	-0.1083126537	0.725772953	2.1244130	NaN	1.5912040
##	[2,]	-0.2916193491	1.488369633	-0.6778187	NaN	-0.6280274
##	[3,]	-0.9373347071	-1.674271090	1.3237753	NaN	1.5912040
##	[4,]	-0.7633738919	1.242787651	-0.6778187	NaN	1.5912040
##	[5,]	-0.6446387323	0.325789028	2.5247318	NaN	-0.6280274
##	[6,]	-0.7296012794	-0.344082189	-1.0781375	NaN	-0.6280274
##	[7,]	-0.8141390138	-0.611019125	0.5231377	NaN	1.5912040
##	[8,]	-0.8092536674	-0.137416803	-0.6778187	NaN	-0.6280274
##	[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
##	[12,]	-0.4906441157	-0.229158813	-1.0781375	NaN	1.5912040
##	[13,]	-0.7629490792	0.120388080	-0.6778187	NaN	-0.6280274
##	[14,]	-0.8160506711	-0.780453833	-1.0781375	NaN	-0.6280274
##	[15,]	-0.9505039019	-0.191928135	0.9234565	NaN	1.5912040
##	[16,]	0.7385515347	-0.578565213	-0.6778187	NaN	-0.6280274
##	[17,]	-0.6807478149	0.103950385	-1.0781375	NaN	1.5912040
##	[18,]	-0.7578513264	-0.981920973	-0.6778187	NaN	1.5912040
##	[19,]	1.8955290200	1.082906476	-0.2774999	NaN	-0.6280274
##	[20,]	-0.5435333013	-1.405929223	0.9234565	NaN	1.5912040
##	[21,]	-0.5293020746	-0.854353217	-1.0781375	NaN	-0.6280274
##	[22,]	-0.6575955208	-1.029407650	1.7240942	NaN	-0.6280274
##	[23,]	1.1663379594	0.980627481	-1.0781375	NaN	-0.6280274
##	[24,]	-1.1195793707	0.697955315	-0.6778187	NaN	-0.6280274
##	[25,]	-0.7525411672	0.391820797	-0.2774999	NaN	-0.6280274
##	[26,]	2.6744231707	-0.502698926	0.5231377	NaN	-0.6280274
##	[27,]	-0.5488434605	-1.353244301	-0.6778187	NaN	1.5912040
##	[28,]	0.0684094443	0.963768306	-1.0781375	NaN	-0.6280274
##	[29,]	0.7954764413	-1.716700014	0.1228189	NaN	-0.6280274
##	[30,]	2.6431994347	1.195441468	0.1228189	NaN	-0.6280274
##	[31,]	-0.8510977218	-1.073803477	0.5231377	NaN	-0.6280274
##	[32,]	-0.0080568481	0.675476415	-0.2774999	NaN	1.5912040
##	[33,]	-0.9126955685	0.253435069	-0.6778187	NaN	-0.6280274
##	[34,]	-0.9381843326	-1.542348047	0.1228189	NaN	-0.6280274
##	[35,]	-0.8942162145	-1.586603381	-0.2774999	NaN	1.5912040
##	[36,]	-0.8194491730	1.069138149	-0.6778187	NaN	-0.6280274
##	[37,]	-0.8113777310	-1.475613813	-0.6778187	NaN	1.5912040
##	[38,]	-0.9534775911	-0.649935721	-0.6778187	NaN	-0.6280274

##	[39,]	-0.6550466444	-0.174366495	2.5247318	NaN	1.5912040
##	[40,]	-0.2393673826	-1.562298070	-0.2774999	NaN	-0.6280274
##	[41,]	-0.9668591923	-0.478112629	-0.6778187	NaN	-0.6280274
##	[42,]	-0.8840207088	0.758929331	-0.6778187	NaN	-0.6280274
##	[43,]	-0.8942162145	-0.527566209	-0.6778187	NaN	-0.6280274
##	[44,]	0.4721939495	-1.592925571	-0.6778187	NaN	-0.6280274
##	[45,]	-0.5293020746	-0.496236242	-0.6778187	NaN	-0.6280274
##	[46,]	2.7702184426	0.276335448	-0.6778187	NaN	-0.6280274
##	[47,]	-0.4109917278	-0.601184606	-1.0781375	NaN	-0.6280274
##	[48,]	-0.7393719724	-0.574069433	0.5231377	NaN	-0.6280274
##	[49,]	-0.1552544609	0.861489312	0.5231377	NaN	1.5912040
##	[50,]	-0.8993139673	-1.323600252	-0.6778187	NaN	-0.6280274
##	[51,]	-0.2383053508	0.699781725	2.5247318	NaN	1.5912040
##	[52,]	-0.6503737043	-0.440319979	-0.6778187	NaN	1.5912040
##	[53,]	-0.2227996859	-1.447655681	0.9234565	NaN	1.5912040
##	[54,]	0.7181605234	-0.844518698	-0.2774999	NaN	1.5912040
##	[55,]	-0.4982907449	1.000717998	1.7240942	NaN	1.5912040
##	[56,]	1.4773008819	0.117016245	-0.6778187	NaN	1.5912040
##	[57,]	0.5450493337	-0.461112961	-0.6778187	NaN	-0.6280274
##	[58,]	-0.5286648555	0.237278360	0.1228189	NaN	1.5912040
##	[59,]	-0.1248803504	-0.672274127	0.1228189	NaN	-0.6280274
##	[60,]	-0.1083126537	-1.633106605	-0.6778187	NaN	-0.6280274
##	[61,]	-0.0724159775	-0.482748903	-0.6778187	NaN	1.5912040
##	[62,]	-0.8702142949	-1.244362130	-0.6778187	NaN	-0.6280274
##	[63,]	2.5992313165	0.335483054	0.9234565	NaN	1.5912040
##	[64,]	0.2408834150	-1.680171802	1.7240942	NaN	-0.6280274
##	[65,]	0.7631906734	-0.858568010	-0.6778187	NaN	-0.6280274
##	[66,]	1.7530043473	0.761036728	-0.2774999	NaN	1.5912040
##	[67,]	-0.0008350316	1.172119610	-0.6778187	NaN	-0.6280274
##	[68,]	0.6841755046	0.628551711	-0.2774999	NaN	-0.6280274
##	[69,]	-0.9152444449	-1.186478963	0.5231377	NaN	-0.6280274
##	[70,]	-0.6616312418	1.048626153	-1.0781375	NaN	1.5912040
##	[71,]	-0.2187639649	1.454791776	1.7240942	NaN	-0.6280274
##	[72,]	-0.8071296037	-1.314608692	-1.0781375	NaN	-0.6280274
##	[73,]	-0.8500356900	0.626865794	-0.6778187	NaN	-0.6280274
##	[74,]	-0.0600964082	-0.978830125	-0.6778187	NaN	-0.6280274
##	[75,]	-0.7359734705	1.080237106	0.1228189	NaN	-0.6280274
##	[76,]	-0.4415782447	0.894786182	-0.6778187	NaN	-0.6280274
##	[77,]	-0.4653677579	1.222697134	-1.0781375	NaN	-0.6280274
##	[78,]	1.4320583255	0.105917289	0.5231377	NaN	1.5912040
##	[79,]	1.5210565936	1.537682719	0.5231377	NaN	-0.6280274
##	[80,]	-0.3147716432	-0.546251795	2.1244130	NaN	1.5912040
##	[81,]	-0.2924689745	0.236716387	-0.6778187	NaN	1.5912040
##	[82,]	-0.7739942103	1.680985706	-0.6778187	NaN	-0.6280274
##	[83,]	0.7935647840	0.530908990	0.1228189	NaN	-0.6280274
##	[84,]	-0.2493504819	0.197237819	1.7240942	NaN	1.5912040
##	[85,]	-0.4626064751	0.480893438	-0.6778187	NaN	-0.6280274
##	[86,]	0.1608062143	1.037527196	0.5231377	NaN	-0.6280274
##	[87,]	-0.8880564298	-0.673679059	0.1228189	NaN	-0.6280274
##	[88,]	-0.9405208027	0.619841138	0.1228189	NaN	-0.6280274
##	[89,]	-0.4993527768	0.213113543	-0.6778187	NaN	-0.6280274
##	[90,]	0.6618728359	-0.100748097	-0.6778187	NaN	-0.6280274
##	[91,]	1.4868591684	-0.027832166	-0.6778187	NaN	-0.6280274
##	[92,]	-0.2255609687	-0.827519030	-1.0781375	NaN	1.5912040

##	[93,]	-0.2748392460	0.765251521	-0.6778187	NaN	1.5912040
##	[94,]	0.8857491476	-1.569463220	-0.2774999	NaN	1.5912040
##	[95,]	-0.3171081132	1.403230799	-0.6778187	NaN	-0.6280274
##	[96,]	1.4966298613	1.361082862	2.5247318	NaN	-0.6280274
##	[97,]	-0.3194445832	0.450406430	-1.0781375	NaN	-0.6280274
##	[98,]	-0.4846967374	-0.765702055	-0.6778187	NaN	-0.6280274
##	[99,]	1.5652371181	1.418404057	-1.0781375	NaN	-0.6280274
##	[100,]	-0.9475302128	1.507476697	0.5231377	NaN	-0.6280274
##	[101,]	-0.9409456154	1.311488789	0.5231377	NaN	1.5912040
##	[102,]	-0.7533907926	0.121512025	-0.6778187	NaN	-0.6280274
##	[103,]	-0.7597629837	0.768482863	-0.6778187	NaN	1.5912040
##	[104,]	-0.3598017931	-0.257257438	-0.6778187	NaN	-0.6280274
##	[105,]	-0.2846099389	0.215923405	0.9234565	NaN	-0.6280274
##	[106,]	2.6213215788	1.068997656	2.5247318	NaN	-0.6280274
##	[107,]	2.4785844996	-0.640382188	0.1228189	NaN	1.5912040
##	[108,]	-0.1612018392	1.776661524	-0.6778187	NaN	1.5912040
##	[109,]	-0.7676220193	1.767950950	-0.6778187	NaN	-0.6280274
##	[110,]	-0.7714453339	1.330736347	-0.6778187	NaN	-0.6280274
##	[111,]	0.2083852407	1.613268020	0.1228189	NaN	-0.6280274
##	[112,]	-0.0911077379	1.204573521	-0.6778187	NaN	1.5912040
##	[113,]	2.2993135252	-0.062112488	-0.2774999	NaN	1.5912040
##	[114,]	-0.7920487516	-0.148375267	-1.0781375	NaN	-0.6280274
##	[115,]	-0.4243733289	0.096504249	1.3237753	NaN	-0.6280274
##	[116,]	0.1964904841	0.027100646	-0.2774999	NaN	-0.6280274
##	[117,]	1.0892344479	-1.222023723	-0.2774999	NaN	-0.6280274
##	[118,]	0.6871491937	1.213705574	-1.0781375	NaN	-0.6280274
##	[119,]	-0.7790919631	-1.651089725	0.9234565	NaN	-0.6280274
##	[120,]	2.2209355755	0.727880350	-0.6778187	NaN	1.5912040
##	[121,]	-0.8262461768	1.123508988	-0.6778187	NaN	-0.6280274
##	[122,]	-0.0758144794	0.163940949	-1.0781375	NaN	-0.6280274
##	[123,]	-0.3270912125	-1.377268625	2.5247318	NaN	1.5912040
##	[124,]	2.7685191917	-1.103026047	1.7240942	NaN	-0.6280274
##	[125,]	-0.0702919138	0.902794290	0.5231377	NaN	1.5912040
##	[126,]	-0.8782857369	1.262597182	-0.6778187	NaN	-0.6280274
##	[127,]	0.8090704488	-1.524083940	-0.6778187	NaN	-0.6280274
##	[128,]	-1.0254833498	1.757132979	-0.6778187	NaN	1.5912040
##	[129,]	-0.8453627499	0.700484191	-1.0781375	NaN	-0.6280274
##	[130,]	0.0136086014	-1.231296269	-0.6778187	NaN	-0.6280274
##	[131,]	-0.3746702389	0.249641755	0.5231377	NaN	-0.6280274
##	[132,]	0.5745738188	-1.077315805	0.5231377	NaN	-0.6280274
##	[133,]	-0.4129033851	1.471650951	0.1228189	NaN	1.5912040
##	[134,]	0.3581317300	0.966999648	0.1228189	NaN	1.5912040
##	[135,]	-0.7563644818	-0.758255919	-0.6778187	NaN	-0.6280274
##	[136,]	-0.3317641526	-1.614842499	1.3237753	NaN	-0.6280274
##	[137,]	0.8808638011	1.522509462	-0.2774999	NaN	-0.6280274
##	[138,]	-0.1276416331	0.038902068	0.5231377	NaN	-0.6280274
##	[139,]	0.4537145955	1.478254128	-0.2774999	NaN	-0.6280274
##	[140,]	-0.0331207995	-0.046517751	-1.0781375	NaN	1.5912040
##	[141,]	-0.4891572711	-0.574490913	1.7240942	NaN	-0.6280274
##	[142,]	-0.6480372342	-0.640803667	0.9234565	NaN	-0.6280274
##	[143,]	-0.4643057261	-1.687477444	0.1228189	NaN	1.5912040
##	[144,]	-0.8222104558	1.348297987	-0.6778187	NaN	-0.6280274
##	[145,]	-0.3897510910	1.194036537	-1.0781375	NaN	-0.6280274
##	[146,]	-0.7007140134	-0.547656726	0.9234565	NaN	-0.6280274

##	[147,]	-0.8035186954	-0.442708362	-1.0781375	NaN	-0.6280274
##	[148,]	2.2680897891	-0.200217229	0.5231377	NaN	-0.6280274
##	[149,]	-0.9058985647	-1.032919978	-0.2774999	NaN	-0.6280274
##	[150,]	-1.0662653724	0.251327672	-0.6778187	NaN	-0.6280274
##	[151,]	-0.1907263244	-0.816139087	-0.6778187	NaN	-0.6280274
##	[152,]	0.1682404372	-0.403791767	-0.6778187	NaN	-0.6280274
##	[153,]	-0.8914549317	0.243600550	-0.2774999	NaN	1.5912040
##	[154,]	-0.8825338643	-0.479377068	2.1244130	NaN	-0.6280274
##	[155,]	0.5299684815	0.179254700	-0.6778187	NaN	-0.6280274
##	[156,]	-0.4638809133	1.681688172	-0.6778187	NaN	-0.6280274
##	[157,]	-0.0787881685	-0.046377258	-0.2774999	NaN	-0.6280274
##	[158,]	-0.6705523092	-0.342817751	0.5231377	NaN	1.5912040
##	[159,]	0.9244071065	-0.809395417	1.7240942	NaN	-0.6280274
##	[160,]	-0.9073854093	-0.421353407	1.3237753	NaN	-0.6280274
##	[161,]	-0.8878440234	-0.326099069	-0.6778187	NaN	-0.6280274
##	[162,]	-0.9513535274	-1.172148664	1.3237753	NaN	-0.6280274
##	[163,]	-0.8050055400	-1.073522491	-0.6778187	NaN	-0.6280274
##	[164,]	0.6236396897	1.276927480	0.1228189	NaN	1.5912040
##	[165,]	-0.8362292761	1.547236252	-0.6778187	NaN	1.5912040
##	[166,]	2.8511452687	0.384936634	0.1228189	NaN	-0.6280274
##	[167,]	-0.8606560084	-1.363359806	0.5231377	NaN	-0.6280274
##	[168,]	0.6193915624	-0.879501486	-0.2774999	NaN	-0.6280274
##	[169,]	0.4636976948	-0.194316518	0.5231377	NaN	-0.6280274
##	[170,]	-0.7359734705	-0.264563080	0.1228189	NaN	-0.6280274
##	[171,]	-0.7317253431	-0.133342502	-1.0781375	NaN	1.5912040
##	[172,]	-0.8874192107	0.937917571	-1.0781375	NaN	-0.6280274
##	[173,]	-0.9377595199	0.105214823	0.5231377	NaN	-0.6280274
##	[174,]	-0.7287516540	-0.463782331	-0.6778187	NaN	-0.6280274
##	[175,]	-0.3179577387	-1.123116563	0.5231377	NaN	1.5912040
##	[176,]	-0.4770501081	-0.052558956	0.5231377	NaN	1.5912040
##	[177,]	-0.8502480963	-0.533607414	-1.0781375	NaN	-0.6280274
##	[178,]	-1.1471921985	-0.712595654	-0.6778187	NaN	-0.6280274
##	[179,]	0.8390197467	-1.710658810	-0.6778187	NaN	-0.6280274
##	[180,]	-0.8952782463	-1.123116563	-0.6778187	NaN	-0.6280274
##	[181,]	-0.5467193968	-1.029688636	2.1244130	NaN	1.5912040
##	[182,]	-0.8903928999	-1.208536383	-0.2774999	NaN	-0.6280274
##	[183,]	-0.7143080210	1.041741990	-0.6778187	NaN	1.5912040
##	[184,]	-0.5974845187	-1.529703665	-0.2774999	NaN	-0.6280274
##	[185,]	-0.4360556792	1.677051899	-0.6778187	NaN	-0.6280274
##	[186,]	-0.7958720662	-1.354368246	-0.6778187	NaN	-0.6280274
##	[187,]	2.6614663823	-1.097827801	-0.6778187	NaN	-0.6280274
##	[188,]	2.5954080019	-0.136854830	2.1244130	NaN	-0.6280274
##	[189,]	0.6465795775	-0.033592384	-0.6778187	NaN	-0.6280274
##	[190,]	1.5359250394	-1.000466066	0.1228189	NaN	-0.6280274
##	[191,]	2.8666509336	-1.213172656	-1.0781375	NaN	-0.6280274
##	[192,]	-0.8971899036	-0.355743118	-0.6778187	NaN	-0.6280274
##	[193,]	-0.1246679440	0.166329332	0.1228189	NaN	1.5912040
##	[194,]	-0.9375471135	-1.276394562	0.5231377	NaN	-0.6280274
##	[195,]	2.1854637121	0.863877695	2.5247318	NaN	-0.6280274
##	[196,]	-0.6242477210	1.217217902	-0.6778187	NaN	1.5912040
##	[197,]	-0.4413658384	0.235030470	0.9234565	NaN	-0.6280274
##	[198,]	-0.2629444894	0.298673855	-0.2774999	NaN	-0.6280274
##	[199,]	0.0106349123	-0.991053027	2.5247318	NaN	-0.6280274
##	[200,]	-0.0513877471	-1.422928891	0.1228189	NaN	-0.6280274

##	[201,]	-0.4683414471	-0.651059666	0.9234565	NaN	-0.6280274
##	[202,]	0.0639489106	1.331860292	-0.6778187	NaN	1.5912040
##	[203,]	-0.5709337227	-1.171867678	-0.6778187	NaN	1.5912040
##	[204,]	-0.7990581617	0.310475278	2.1244130	NaN	1.5912040
##	[205,]	0.0361236764	-0.415733682	1.7240942	NaN	1.5912040
##	[206,]	0.2413082277	1.434701259	-0.6778187	NaN	-0.6280274
##	[207,]	-0.8867819916	-0.269901819	-0.6778187	NaN	1.5912040
##	[208,]	-0.9239531060	-0.928674079	-0.6778187	NaN	-0.6280274
##	[209,]	-0.3455705665	-0.009989539	2.5247318	NaN	-0.6280274
##	[210,]	0.6145062159	-0.273273654	1.7240942	NaN	-0.6280274
##	[211,]	0.8277622092	1.615515910	-0.6778187	NaN	-0.6280274
##	[212,]	0.4186675448	0.928926011	-0.6778187	NaN	-0.6280274
##	[213,]	0.7387639411	-0.196283422	-0.6778187	NaN	-0.6280274
##	[214,]	1.2716915179	0.199907189	0.9234565	NaN	-0.6280274
##	[215,]	-0.8169002966	-0.808833444	0.9234565	NaN	1.5912040
##	[216,]	1.5055509288	0.050703491	0.1228189	NaN	1.5912040
##	[217,]	0.0410090229	1.215812971	0.9234565	NaN	-0.6280274
##	[218,]	-0.9441317109	0.764830042	-1.0781375	NaN	-0.6280274
##	[219,]	0.5017184346	0.355011598	1.3237753	NaN	-0.6280274
##	[220,]	-0.1195701912	0.379035922	-0.2774999	NaN	-0.6280274
##	[221,]	-0.1250927567	-0.613688494	2.1244130	NaN	-0.6280274
##	[222,]	-0.8243345195	-0.149639705	1.3237753	NaN	-0.6280274
##	[223,]	1.2069075757	-0.598093758	-0.6778187	NaN	1.5912040
##	[224,]	0.8721551400	-0.655555446	-1.0781375	NaN	-0.6280274
##	[225,]	-0.4583583478	-1.395392239	-1.0781375	NaN	-0.6280274
##	[226,]	-0.9188553531	-0.822882757	0.1228189	NaN	-0.6280274
##	[227,]	-0.7880130306	-1.654180574	0.5231377	NaN	-0.6280274
##	[228,]	0.3005696043	-1.083778489	-0.6778187	NaN	-0.6280274
##	[229,]	0.4855755507	-0.732967157	-0.6778187	NaN	-0.6280274
##	[230,]	-0.8738252032	0.091025017	-0.6778187	NaN	1.5912040
##	[231,]	-0.6990147625	-1.547265306	1.7240942	NaN	-0.6280274
##	[232,]	2.7037352495	-1.317840034	-0.6778187	NaN	-0.6280274
##	[233,]	-0.8997387800	1.593739476	2.1244130	NaN	-0.6280274
##	[234,]	2.7642710643	1.377520557	0.1228189	NaN	-0.6280274
##	[235,]	-0.8638421039	1.100889595	0.9234565	NaN	1.5912040
##	[236,]	2.0308318763	-0.922913861	0.9234565	NaN	1.5912040
##	[237,]	-0.8062799782	1.010973996	1.7240942	NaN	-0.6280274
##	[238,]	2.6689006052	0.943677789	-0.6778187	NaN	1.5912040
##	[239,]	-0.5462945840	0.938058064	-0.2774999	NaN	-0.6280274
##	[240,]	-0.5889882640	-0.666232923	-1.0781375	NaN	1.5912040
##	[241,]	-0.9071730029	0.155089882	1.7240942	NaN	-0.6280274
##	[242,]	-0.4328695836	-0.315281098	-1.0781375	NaN	-0.6280274
##	[243,]	-0.7287516540	0.781689217	-0.2774999	NaN	-0.6280274
##	[244,]	-0.6762872811	1.423742795	-0.6778187	NaN	-0.6280274
##	[245,]	2.6973630584	0.232782580	-1.0781375	NaN	-0.6280274
##	[246,]	1.5233930637	-0.111004095	2.5247318	NaN	-0.6280274
##	[247,]	-0.7629490792	0.065033789	-0.6778187	NaN	-0.6280274
##	[248,]	-0.1159592829	1.316968021	1.3237753	NaN	-0.6280274
##	[249,]	-0.5486310541	0.615907330	-0.2774999	NaN	-0.6280274
##	[250,]	-0.0146414455	-1.291848806	0.5231377	NaN	-0.6280274
##	[251,]	0.7529951677	1.160458680	1.3237753	NaN	-0.6280274
##	[252,]	0.9420368350	-1.108926758	-1.0781375	NaN	-0.6280274
##	[253,]	-0.8842331152	1.174507993	-0.6778187	NaN	-0.6280274
##	[254,]	0.0089356614	1.222697134	0.1228189	NaN	1.5912040

##	[255,]	0.0909245193	-0.503120406	-0.2774999	NaN	-0.6280274
##	[256,]	-0.3408976264	-0.956491718	-1.0781375	NaN	-0.6280274
##	[257,]	-0.8304943041	-0.885964170	-1.0781375	NaN	1.5912040
##	[258,]	2.7470661485	-1.175099019	-1.0781375	NaN	-0.6280274
##	[259,]	-0.8028814763	1.252903156	-0.6778187	NaN	-0.6280274
##	[260,]	-0.6423022623	-0.373866731	-1.0781375	NaN	-0.6280274
##	[261,]	-0.7878006242	1.650639191	-0.6778187	NaN	-0.6280274
##	[262,]	-0.2663429913	0.754293058	0.1228189	NaN	-0.6280274
##	[263,]	-0.9190677595	0.762020179	0.5231377	NaN	-0.6280274
##	[264,]	2.2024562215	0.093272907	0.1228189	NaN	1.5912040
##	[265,]	-0.6410278241	0.087372196	-0.2774999	NaN	-0.6280274
##	[266,]	0.0299638918	-1.492894467	-0.2774999	NaN	-0.6280274
##	[267,]	-0.1956116708	0.013332320	-1.0781375	NaN	-0.6280274
##	[268,]	-0.5316385447	0.571932982	-0.6778187	NaN	-0.6280274
##	[269,]	1.4853723238	-0.957053690	-1.0781375	NaN	1.5912040
##	[270,]	-0.6994395752	0.834233645	-1.0781375	NaN	-0.6280274
##	[271,]	2.6640152587	0.649766173	-1.0781375	NaN	1.5912040
##	[272,]	1.1355390361	-0.568309215	-0.6778187	NaN	1.5912040
##	[273,]	-0.9415828345	-1.643784082	-0.6778187	NaN	-0.6280274
##	[274,]	-0.0001978125	1.195862948	0.5231377	NaN	-0.6280274
##	[275,]	-0.6951914479	-0.531359524	-0.6778187	NaN	-0.6280274
##	[276,]	1.5080998052	-0.370354403	-0.2774999	NaN	1.5912040
##	[277,]	1.1667627722	0.672526059	1.7240942	NaN	-0.6280274
##	[278,]	-0.1907263244	0.685310934	-0.6778187	NaN	1.5912040
##	[279,]	-0.0225004811	1.749686844	-0.6778187	NaN	-0.6280274
##	[280,]	2.6850434891	0.211006146	0.1228189	NaN	-0.6280274
##	[281,]	2.3536895554	0.941710886	0.1228189	NaN	1.5912040
##	[282,]	-0.3389859691	1.435684711	-0.6778187	NaN	-0.6280274
##	[283,]	-0.4139654169	0.835498084	-0.6778187	NaN	-0.6280274
##	[284,]	-0.2310835342	0.233063566	0.1228189	NaN	1.5912040
##	[285,]	-0.3742454261	1.181392156	-0.6778187	NaN	1.5912040
##	[286,]	-0.9320245479	0.220278692	-0.6778187	NaN	-0.6280274
##	[287,]	-0.7098474872	0.787730421	0.1228189	NaN	1.5912040
##	[288,]	-0.1609894329	0.644286941	2.5247318	NaN	-0.6280274
##	[289,]	-0.8772237051	-0.018700113	-0.2774999	NaN	1.5912040
##	[290,]	-0.6781989384	-1.380359474	-0.6778187	NaN	-0.6280274
##	[291,]	2.5833008389	1.584888409	2.5247318	NaN	1.5912040
##	[292,]	-0.4286214563	1.681969158	0.5231377	NaN	-0.6280274
##	[293,]	-0.7888626561	-1.461704993	-0.6778187	NaN	-0.6280274
##	[294,]	-0.1433597043	-0.823725715	-0.6778187	NaN	1.5912040
##	[295,]	-0.8872068043	-0.407725574	-0.6778187	NaN	1.5912040
##	[296,]	1.4915321085	0.077397184	0.9234565	NaN	-0.6280274
##	[297,]	-1.0796469736	1.534170391	-0.6778187	NaN	-0.6280274
##	[298,]	0.3222350538	-1.294377682	-1.0781375	NaN	-0.6280274
##	[299,]	-0.5979093314	-1.010300585	0.5231377	NaN	-0.6280274
##	[300,]	-0.2168523076	0.282095667	0.9234565	NaN	-0.6280274
##	[301,]	2.0204239643	0.222386089	-0.6778187	NaN	-0.6280274
##	[302,]	-1.1263763745	-0.644737475	-0.6778187	NaN	-0.6280274
##	[303,]	-0.1788315678	-1.333153784	-1.0781375	NaN	-0.6280274
##	[304,]	0.0904997066	-0.291116281	0.5231377	NaN	-0.6280274
##	[305,]	0.6605983977	-0.473616849	-1.0781375	NaN	-0.6280274
##	[306,]	-0.1760702850	-1.037696744	1.7240942	NaN	-0.6280274
##	[307,]	-0.2164274949	0.375383101	-0.6778187	NaN	-0.6280274
##	[308,]	1.1805691861	1.741257256	0.1228189	NaN	-0.6280274

##	[309,]	-0.1790439741	0.385358113	-0.2774999	NaN	1.5912040
##	[310,]	-0.3572529167	-0.595143402	-1.0781375	NaN	1.5912040
##	[311,]	-0.0197391983	0.492975846	0.1228189	NaN	-0.6280274
##	[312,]	-0.2746268396	0.842241753	-0.6778187	NaN	-0.6280274
##	[313,]	-0.8088288546	-0.922492382	-1.0781375	NaN	1.5912040
##	[314,]	1.1416988208	1.271588742	1.3237753	NaN	-0.6280274
##	[315,]	2.2440878696	-1.258551935	-0.6778187	NaN	1.5912040
##	[316,]	-0.8598063829	-0.511128514	-1.0781375	NaN	-0.6280274
##	[317,]	1.5847785040	0.491289929	1.7240942	NaN	1.5912040
##	[318,]	-0.3317641526	0.482438862	-0.2774999	NaN	-0.6280274
##	[319,]	-0.8549210364	0.930752422	-0.6778187	NaN	1.5912040
##	[320,]	-0.2708035250	1.448610078	-0.6778187	NaN	1.5912040
##	[321,]	-0.4301083009	-1.274427658	-0.6778187	NaN	1.5912040
##	[322,]	0.2217668419	-1.007350229	0.5231377	NaN	-0.6280274
##	[323,]	-0.3075498266	-0.527706702	1.7240942	NaN	-0.6280274
##	[324,]	-0.6454883578	1.464485801	0.9234565	NaN	1.5912040
##	[325,]	-0.1546172418	-0.334247670	-0.6778187	NaN	-0.6280274
##	[326,]	0.5182861313	-0.039212109	-0.6778187	NaN	-0.6280274
##	[327,]	2.7122315042	0.959272526	-0.6778187	NaN	-0.6280274
##	[328,]	-0.2686794613	0.486794149	0.5231377	NaN	1.5912040
##	[329,]	-0.3867774018	-1.404383798	0.1228189	NaN	-0.6280274
##	[330,]	2.5057725147	0.289682295	0.5231377	NaN	-0.6280274
##	[331,]	-0.2646437404	-1.136041931	-0.6778187	NaN	-0.6280274
##	[332,]	-0.0326959867	1.094988884	-1.0781375	NaN	1.5912040
##	[333,]	-0.3470574111	0.361333789	0.1228189	NaN	-0.6280274
##	[334,]	0.7396135665	-0.709645298	2.1244130	NaN	-0.6280274
##	[335,]	-0.5959976741	-0.707397408	2.5247318	NaN	-0.6280274
##	[336,]	0.2026502688	-0.146127377	-0.2774999	NaN	1.5912040
##	[337,]	-0.9311749225	-1.342285838	-0.6778187	NaN	1.5912040
##	[338,]	-0.5352494529	-0.940194516	-1.0781375	NaN	-0.6280274
##	[339,]	-0.0817618577	-1.247874458	-0.6778187	NaN	-0.6280274
##	[340,]	-0.0613708464	-1.531108597	-0.6778187	NaN	-0.6280274
##	[341,]	-0.0331207995	1.245316527	1.7240942	NaN	-0.6280274
##	[342,]	1.0635332774	0.192320560	-1.0781375	NaN	1.5912040
##	[343,]	0.1359546693	1.601607091	-0.6778187	NaN	1.5912040
##	[344,]	0.3749118331	-0.343801203	-0.6778187	NaN	1.5912040
##	[345,]	0.3381655314	0.555073807	-1.0781375	NaN	-0.6280274
##	[346,]	-0.7644359238	0.249922741	-0.6778187	NaN	-0.6280274
##	[347,]	-0.1000288053	-0.590507129	1.3237753	NaN	1.5912040
##	[348,]	-0.7491426653	1.606945829	0.1228189	NaN	-0.6280274
##	[349,]	2.0155386178	0.223088554	-0.2774999	NaN	-0.6280274
##	[350,]	-0.3937868120	0.367374993	-0.6778187	NaN	-0.6280274
##	[351,]	-0.8086164483	1.363330752	-1.0781375	NaN	1.5912040
##	[352,]	-0.8778609242	-1.455101816	-0.6778187	NaN	-0.6280274
##	[353,]	1.2746652070	1.357851520	0.1228189	NaN	-0.6280274
##	[354,]	-0.1123483747	0.377630991	0.5231377	NaN	1.5912040
##	[355,]	-0.3753074580	-1.158239845	1.7240942	NaN	1.5912040
##	[356,]	-0.2563598920	0.820886799	-0.6778187	NaN	-0.6280274
##	[357,]	0.0590635642	0.388448962	0.1228189	NaN	-0.6280274
##	[358,]	-0.9194925722	-0.725380528	-0.6778187	NaN	1.5912040
##	[359,]	0.0318755491	0.135280352	0.5231377	NaN	-0.6280274
##	[360,]	0.6788653454	-0.992879437	0.5231377	NaN	-0.6280274
##	[361,]	0.0535409986	-1.594049516	-0.2774999	NaN	-0.6280274
##	[362,]	-0.9112087239	1.149500216	0.1228189	NaN	1.5912040

##	[363,]	-0.8268833959	-1.610346719	-0.6778187	NaN	-0.6280274
##	[364,]	-0.7756934613	-0.725380528	-0.6778187	NaN	1.5912040
##	[365,]	-0.6480372342	0.470637439	1.3237753	NaN	-0.6280274
##	[366,]	-0.2644313340	0.243179071	-0.2774999	NaN	-0.6280274
##	[367,]	0.6057975548	-0.668059334	-0.6778187	NaN	-0.6280274
##	[368,]	0.8481532205	-1.623834059	1.3237753	NaN	-0.6280274
##	[369,]	-0.0261113893	-1.152479626	-0.2774999	NaN	1.5912040
##	[370,]	-0.8169002966	-0.950029034	-1.0781375	NaN	1.5912040
##	[371,]	-0.8043683209	1.560723592	-0.6778187	NaN	-0.6280274
##	[372,]	-0.9137576003	0.541586467	2.5247318	NaN	-0.6280274
##	[373,]	0.0078736295	0.713831038	2.5247318	NaN	-0.6280274
##	[374,]	-0.5707213163	0.501264941	-0.6778187	NaN	-0.6280274
##	[375,]	-0.2654933658	0.904339714	-0.6778187	NaN	-0.6280274
##	[376,]	0.9477718070	-0.315702578	2.1244130	NaN	-0.6280274
##	[377,]	-0.3328261844	0.077116198	0.5231377	NaN	-0.6280274
##	[378,]	-0.8411146225	-0.343520216	0.5231377	NaN	-0.6280274
##	[379,]	-0.2546606411	-1.357318602	2.1244130	NaN	1.5912040
##	[380,]	2.1572136652	1.256696470	-0.2774999	NaN	1.5912040
##	[381,]	-0.4764128890	-1.179875786	-0.6778187	NaN	1.5912040
##	[382,]	-0.8553458492	0.438464514	-0.6778187	NaN	-0.6280274
##	[383,]	-0.7223794629	-1.086166872	-1.0781375	NaN	-0.6280274
##	[384,]	-0.9046241265	1.422759343	-0.6778187	NaN	-0.6280274
##	[385,]	0.2321747539	-1.475754306	-0.6778187	NaN	-0.6280274
##	[386,]	-0.8959154654	-1.529422679	2.5247318	NaN	1.5912040
##	[387,]	-0.7368230959	1.770339333	-0.6778187	NaN	-0.6280274
##	[388,]	-0.1673616239	1.157648818	1.7240942	NaN	-0.6280274
##	[389,]	-0.8341052124	0.867811502	0.1228189	NaN	-0.6280274
##	[390,]	-0.4897944902	0.956743650	-0.2774999	NaN	1.5912040
##	[391,]	1.6637936728	-1.400449991	-0.6778187	NaN	-0.6280274
##	[392,]	-0.6488868597	-0.123226997	1.3237753	NaN	-0.6280274
##	[393,]	2.7406939575	-0.815436621	0.5231377	NaN	-0.6280274
##	[394,]	0.0074488168	-0.221010212	2.5247318	NaN	-0.6280274
##	[395,]	-0.4666421961	-1.427003192	-0.6778187	NaN	-0.6280274
##	[396,]	-0.9016504374	0.129941613	1.7240942	NaN	-0.6280274
##	[397,]	-0.4207624207	-1.698014428	0.5231377	NaN	1.5912040
##	[398,]	-0.4281966436	-0.312330743	-0.6778187	NaN	1.5912040
##	[399,]	-0.4362680855	1.342116290	0.1228189	NaN	1.5912040
##	[400,]	-0.9101466921	0.264112547	-0.6778187	NaN	-0.6280274
##	[401,]	2.6963010266	-0.857022586	-0.6778187	NaN	1.5912040
##	[402,]	1.4250489154	0.553949862	2.5247318	NaN	-0.6280274
##	[403,]	0.0157326651	0.736871910	-1.0781375	NaN	-0.6280274
##	[404,]	0.4012502227	0.737995855	-0.6778187	NaN	-0.6280274
##	[405,]	-0.4131157914	-0.109318178	-0.6778187	NaN	-0.6280274
##	[406,]	-0.5250539473	-0.690819220	0.9234565	NaN	-0.6280274
##	[407,]	0.3114023291	0.744037060	-0.2774999	NaN	1.5912040
##	[408,]	-0.8175375157	-0.654431501	0.1228189	NaN	-0.6280274
##	[409,]	2.1351234029	-0.562408504	-0.2774999	NaN	-0.6280274
##	[410,]	-0.4135406042	-0.194035532	-0.2774999	NaN	-0.6280274
##	[411,]	-0.0874968296	1.472353416	-0.2774999	NaN	-0.6280274
##	[412,]	2.7746789763	-1.469432115	0.9234565	NaN	-0.6280274
##	[413,]	-0.3595893868	1.686043459	-0.2774999	NaN	-0.6280274
##	[414,]	-0.4205500143	-1.394689773	-1.0781375	NaN	-0.6280274
##	[415,]	-0.7011388262	1.076022312	-0.6778187	NaN	1.5912040
##	[416,]	-0.8818966451	-0.289430363	-1.0781375	NaN	-0.6280274

##	[417,]	-1.0197483778	-0.310082853	-0.6778187	NaN	1.5912040
##	[418,]	2.4507592654	-0.181391151	-1.0781375	NaN	-0.6280274
##	[419,]	-0.7682592384	-1.584917463	-0.6778187	NaN	-0.6280274
##	[420,]	-0.9358478626	0.340119327	0.5231377	NaN	-0.6280274
##	[421,]	1.1538059837	1.013362379	-0.6778187	NaN	-0.6280274
##	[422,]	-0.8404774034	0.560131560	0.9234565	NaN	-0.6280274
##	[423,]	-0.8366540888	0.579379118	-0.6778187	NaN	-0.6280274
##	[424,]	0.4054983500	-1.604867487	-1.0781375	NaN	-0.6280274
##	[425,]	1.6174890846	1.094286419	0.1228189	NaN	-0.6280274
##	[426,]	2.2394149295	-0.702339656	-1.0781375	NaN	-0.6280274
##	[427,]	-0.8366540888	-1.002011490	-1.0781375	NaN	-0.6280274
##	[428,]	0.7992997559	-1.611189678	0.5231377	NaN	-0.6280274
##	[429,]	-0.3043637311	-0.972788920	0.9234565	NaN	-0.6280274
##	[430,]	2.4125261192	-1.689444348	1.3237753	NaN	-0.6280274
##	[431,]	-0.4827850801	0.690087700	-1.0781375	NaN	-0.6280274
##	[432,]	-0.5783679456	1.280580302	1.7240942	NaN	-0.6280274
##	[433,]	-0.7933231898	-0.828502482	0.1228189	NaN	-0.6280274
##	[434,]	0.5454741464	-0.386370619	-0.2774999	NaN	1.5912040
##	[435,]	0.8804389884	0.011365416	-0.6778187	NaN	-0.6280274
##	[436,]	1.5095866498	1.447907613	1.7240942	NaN	1.5912040
##	[437,]	-0.6573831144	-1.068886217	1.7240942	NaN	-0.6280274
##	[438,]	-0.7476558207	0.573899886	-1.0781375	NaN	-0.6280274
##	[439,]	0.2398213831	-0.002543403	0.5231377	NaN	1.5912040
##	[440,]	0.7054161413	1.207523877	0.1228189	NaN	-0.6280274
##	[441,]	0.7321793437	-0.390585413	2.5247318	NaN	1.5912040
##	[442,]	-0.9366974880	-0.709926285	0.5231377	NaN	-0.6280274
##	[443,]	0.7385515347	0.141181063	-0.6778187	NaN	-0.6280274
##	[444,]	-0.5541536197	-0.728330884	0.9234565	NaN	-0.6280274
##	[445,]	-0.5208058199	0.750921223	-0.2774999	NaN	-0.6280274
##	[446,]	2.1945971859	-0.623803999	0.1228189	NaN	-0.6280274
##	[447,]	-0.0579723445	-0.124069956	1.7240942	NaN	-0.6280274
##	[448,]	-0.3793431790	0.610568591	2.5247318	NaN	-0.6280274
##	[449,]	1.4303590746	0.850109368	1.7240942	NaN	-0.6280274
##	[450,]	-0.5836781048	0.500000502	-0.6778187	NaN	-0.6280274
##	[451,]	0.0167946970	-0.838337000	0.5231377	NaN	1.5912040
##	[452,]	0.1918175440	-1.034465402	-0.6778187	NaN	1.5912040
##	[453,]	-0.3606514186	0.261864657	-1.0781375	NaN	-0.6280274
##	[454,]	-0.7990581617	1.193474564	-1.0781375	NaN	1.5912040
##	[455,]	-0.4759880763	1.170574185	0.5231377	NaN	-0.6280274
##	[456,]	2.0563206405	1.161161146	0.5231377	NaN	-0.6280274
##	[457,]	1.0735163767	1.542318992	2.5247318	NaN	-0.6280274
##	[458,]	-0.9823648571	-0.878658527	-0.6778187	NaN	1.5912040
##	[459,]	0.9407623968	-0.413064313	0.1228189	NaN	-0.6280274
##	[460,]	0.0654357552	-1.714171138	-0.2774999	NaN	1.5912040
##	[461,]	-0.4666421961	-1.411408455	0.9234565	NaN	-0.6280274
##	[462,]	-0.3491814747	-1.069869669	-0.6778187	NaN	-0.6280274
##	[463,]	-0.2476512309	0.787870914	-0.6778187	NaN	-0.6280274
##	[464,]	-0.8842331152	1.250374280	-0.6778187	NaN	1.5912040
##	[465,]	0.2098720853	1.339587414	0.5231377	NaN	-0.6280274
##	[466,]	0.8547378179	-0.748702387	0.9234565	NaN	-0.6280274
##	[467,]	2.1436196576	-1.220478299	1.7240942	NaN	-0.6280274
##	[468,]	0.4951338372	1.454510790	-0.6778187	NaN	-0.6280274
##	[469,]	-0.1966737027	1.092179022	0.1228189	NaN	1.5912040
##	[470,]	-0.3814672426	1.348859960	2.1244130	NaN	-0.6280274

##	[471,]	-0.8714887331	-1.233965639	-1.0781375	NaN	-0.6280274
##	[472,]	0.7054161413	1.104401924	0.1228189	NaN	-0.6280274
##	[473,]	-0.0118801627	0.194989929	1.3237753	NaN	-0.6280274
##	[474,]	2.7610849688	-1.712344727	-0.6778187	NaN	1.5912040
##	[475,]	-0.8024566636	1.027973664	-0.6778187	NaN	1.5912040
##	[476,]	-0.0490512771	-0.967309689	-0.6778187	NaN	-0.6280274
##	[477,]	-0.9294756715	-0.732405185	-0.6778187	NaN	-0.6280274
##	[478,]	2.4845318779	-0.887088115	-0.6778187	NaN	-0.6280274
##	[479,]	-0.9360602689	1.694754032	-0.6778187	NaN	-0.6280274
##	[480,]	-0.7682592384	-0.020386030	-0.6778187	NaN	1.5912040
##	[481,]	-0.9494418701	0.022042893	-0.6778187	NaN	-0.6280274
##	[482,]	-0.6119281517	1.191507661	-0.6778187	NaN	1.5912040
##	[483,]	-0.4821478610	-0.393535769	-0.2774999	NaN	-0.6280274
##	[484,]	-0.5993961760	-0.043426903	0.5231377	NaN	-0.6280274
##	[485,]	-0.2215252477	-1.137165876	0.5231377	NaN	-0.6280274
##	[486,]	-0.9167312895	-1.306600584	-1.0781375	NaN	-0.6280274
##	[487,]	0.6582619277	-1.588008312	0.5231377	NaN	1.5912040
##	[488,]	-0.7788795568	-0.359114953	-0.6778187	NaN	-0.6280274
##	[489,]	-0.5127343779	-1.207552931	-0.6778187	NaN	-0.6280274
##	[490,]	2.1504166614	-1.635635481	0.5231377	NaN	1.5912040
##	[491,]	-0.8249717386	0.034827768	0.1228189	NaN	-0.6280274
##	[492,]	-0.1750082532	0.746565936	0.1228189	NaN	1.5912040
##	[493,]	1.8902188609	0.517562143	1.7240942	NaN	-0.6280274
##	[494,]	-0.1100119046	1.767529471	0.5231377	NaN	-0.6280274
##	[495,]	-0.8334679933	-1.601776638	-0.6778187	NaN	1.5912040
##	[496,]	-0.7353362514	0.285607995	-1.0781375	NaN	-0.6280274
##	[497,]	-0.6490992661	1.423321316	-0.6778187	NaN	-0.6280274
##	[498,]	2.7634214388	-0.696157958	0.5231377	NaN	1.5912040
##	[499,]	-0.7922611579	-0.304603621	-1.0781375	NaN	-0.6280274
##	[500,]	0.1276708209	0.859522408	-1.0781375	NaN	-0.6280274
##	[501,]	-0.0384309587	0.530487510	-0.6778187	NaN	1.5912040
##	[502,]	-0.9388215517	1.171698130	-0.6778187	NaN	-0.6280274
##	[503,]	0.3989137526	-0.956210732	1.7240942	NaN	-0.6280274
##	[504,]	-0.8096784801	-0.934715284	-0.6778187	NaN	-0.6280274
##	[505,]	-0.4708903235	-1.219916326	-0.2774999	NaN	-0.6280274
##	[506,]	-0.8164754839	0.484124779	-0.6778187	NaN	1.5912040
##	[507,]	0.6225776579	-0.661315664	-0.6778187	NaN	-0.6280274
##	[508,]	-0.2000722045	-1.520993092	-0.6778187	NaN	-0.6280274
##	[509,]	0.0303887045	0.710178217	-0.6778187	NaN	-0.6280274
##	[510,]	0.2595751753	-1.261361798	0.1228189	NaN	-0.6280274
##	[511,]	0.8967942787	-1.065514382	-0.2774999	NaN	-0.6280274
##	[512,]	0.4978951200	-0.053261421	-0.2774999	NaN	1.5912040
##	[513,]	-0.9468929937	0.120950053	-1.0781375	NaN	-0.6280274
##	[514,]	-1.1669459907	1.782281249	-0.6778187	NaN	1.5912040
##	[515,]	-0.6701274965	-1.566372371	-0.6778187	NaN	1.5912040
##	[516,]	-1.1091714587	0.363441186	-0.6778187	NaN	-0.6280274
##	[517,]	-0.7824904650	-0.810519362	-0.2774999	NaN	-0.6280274
##	[518,]	-0.3508807257	0.191758588	-1.0781375	NaN	-0.6280274
##	[519,]	-0.5256911664	-0.916310684	-1.0781375	NaN	-0.6280274
##	[520,]	-0.8035186954	0.652716529	-0.6778187	NaN	-0.6280274
##	[521,]	0.3434756906	0.601858018	0.1228189	NaN	-0.6280274
##	[522,]	-0.3942116247	0.331549246	-0.6778187	NaN	1.5912040
##	[523,]	-0.3872022146	0.129098654	0.1228189	NaN	-0.6280274
##	[524,]	-0.6971031052	-1.547686785	-0.6778187	NaN	1.5912040

##	[525,]	0.4498912809	0.469373001	-0.6778187	NaN	-0.6280274
##	[526,]	-0.4090800705	1.471229471	2.5247318	NaN	-0.6280274
##	[527,]	-0.4141778233	0.936372147	-0.6778187	NaN	-0.6280274
##	[528,]	-0.2351192552	1.038229662	-0.6778187	NaN	-0.6280274
##	[529,]	0.0622496597	1.283952137	0.1228189	NaN	1.5912040
##	[530,]	0.2383345386	0.712285613	-1.0781375	NaN	-0.6280274
##	[531,]	0.1930919822	-1.166669432	-0.6778187	NaN	-0.6280274
##	[532,]	0.9889786423	0.710880682	0.1228189	NaN	-0.6280274
##	[533,]	-0.3277284316	-0.349561421	-0.2774999	NaN	-0.6280274
##	[534,]	0.8436926868	1.328909936	0.9234565	NaN	1.5912040
##	[535,]	1.7653239166	-0.112268534	0.1228189	NaN	-0.6280274
##	[536,]	2.6844062700	-0.765983041	0.1228189	NaN	-0.6280274
##	[537,]	-0.2332075979	-0.335652601	2.1244130	NaN	-0.6280274
##	[538,]	0.4864251761	-1.335261181	-0.6778187	NaN	-0.6280274
##	[539,]	2.6946017757	0.737433883	-0.6778187	NaN	-0.6280274
##	[540,]	-0.5581893406	-0.608349756	1.7240942	NaN	-0.6280274
##	[541,]	-0.9105715048	-1.466903239	1.7240942	NaN	1.5912040
##	[542,]	1.1066517701	0.846035068	2.5247318	NaN	-0.6280274
##	[543,]	0.2884624414	0.152280020	0.5231377	NaN	1.5912040
##	[544,]	-0.5936612041	-1.715295083	-0.2774999	NaN	-0.6280274
##	[545,]	1.5435716686	-0.574350420	2.5247318	NaN	1.5912040
##	[546,]	-0.2546606411	1.540071102	1.7240942	NaN	-0.6280274
##	[547,]	-0.8200863921	-1.623834059	-0.6778187	NaN	-0.6280274
##	[548,]	-0.7952348471	0.850390355	1.3237753	NaN	1.5912040
##	[549,]	0.0639489106	1.316406048	0.1228189	NaN	-0.6280274
##	[550,]	-0.0766641049	-0.976863221	0.1228189	NaN	-0.6280274
##	[551,]	-0.8502480963	-1.400590484	-0.6778187	NaN	-0.6280274
##	[552,]	-0.0241997320	0.625741849	2.5247318	NaN	-0.6280274
##	[553,]	0.9770838857	0.857976983	1.7240942	NaN	-0.6280274
##	[554,]	-0.8838083025	1.210474232	-1.0781375	NaN	1.5912040
##	[555,]	0.0654357552	1.276365508	2.1244130	NaN	-0.6280274
##	[556,]	-0.8933665890	0.513347349	-0.6778187	NaN	-0.6280274
##	[557,]	-0.8608684147	-0.476848191	-0.2774999	NaN	-0.6280274
##	[558,]	-0.2994783847	-1.342004851	-0.2774999	NaN	-0.6280274
##	[559,]	-0.2535986092	0.959974992	-0.6778187	NaN	-0.6280274
##	[560,]	-0.7319377495	0.865142133	1.3237753	NaN	1.5912040
##	[561,]	-0.2935310064	-1.422647905	0.1228189	NaN	-0.6280274
##	[562,]	2.1990577196	-0.594159950	-0.6778187	NaN	-0.6280274
##	[563,]	-0.8107405119	-1.279344918	-0.6778187	NaN	1.5912040
##	[564,]	-0.0685926629	1.193334071	-0.6778187	NaN	-0.6280274
##	[565,]	0.0274150154	-0.270463792	-1.0781375	NaN	-0.6280274
##	[566,]	-0.6367796967	0.746987415	-0.6778187	NaN	-0.6280274
##	[567,]	-0.0225004811	-0.558334203	0.5231377	NaN	1.5912040
##	[568,]	-0.0486264643	0.614361906	-0.6778187	NaN	-0.6280274
##	[569,]	2.8369140421	0.967421127	0.9234565	NaN	1.5912040
##	[570,]	0.2302630966	-0.011815950	-0.6778187	NaN	-0.6280274
##	[571,]	-0.4768377018	1.724679068	-1.0781375	NaN	-0.6280274
##	[572,]	-0.4543226268	-1.267964975	0.1228189	NaN	-0.6280274
##	[573,]	-0.4604824115	1.578566218	0.5231377	NaN	-0.6280274
##	[574,]	-0.2499877010	-1.580421683	1.3237753	NaN	-0.6280274
##	[575,]	-0.6845711295	-0.107070288	-0.2774999	NaN	-0.6280274
##	[576,]	-0.2162150885	1.174086513	2.5247318	NaN	1.5912040
##	[577,]	-0.4589955669	1.362066314	-1.0781375	NaN	-0.6280274
##	[578,]	-0.7903495006	0.785623024	-1.0781375	NaN	1.5912040

##	[579,]	-0.1110739364	1.653870533	1.3237753	NaN	1.5912040
##	[580,]	-0.4507117185	-0.952979390	-0.6778187	NaN	-0.6280274
##	[581,]	-0.8349548379	0.843506192	-0.6778187	NaN	-0.6280274
##	[582,]	-0.5671104081	1.413627290	0.1228189	NaN	-0.6280274
##	[583,]	-0.4798113909	-0.615655398	-0.6778187	NaN	-0.6280274
##	[584,]	-0.0006226252	-0.141631597	0.9234565	NaN	-0.6280274
##	[585,]	2.5333853425	0.268608327	-0.6778187	NaN	-0.6280274
##	[586,]	-1.0412014210	-1.526893803	-0.6778187	NaN	1.5912040
##	[587,]	-0.8090412610	1.719340329	-0.6778187	NaN	-0.6280274
##	[588,]	-0.7123963637	1.054807851	2.1244130	NaN	-0.6280274
##	[589,]	2.3653719056	-1.044159428	0.9234565	NaN	-0.6280274
##	[590,]	-0.8886936489	-1.071134107	-0.6778187	NaN	1.5912040
##	[591,]	1.1019788300	1.641226152	-1.0781375	NaN	-0.6280274
##	[592,]	-0.2504125137	1.713158632	0.9234565	NaN	-0.6280274
##	[593,]	2.1769674574	-0.187010876	-0.6778187	NaN	1.5912040
##	[594,]	-0.2708035250	1.271167262	-1.0781375	NaN	-0.6280274
##	[595,]	-0.8077668228	1.329893388	-0.6778187	NaN	-0.6280274
##	[596,]	2.7067089386	1.608350761	1.7240942	NaN	1.5912040
##	[597,]	-0.8489736581	-0.142193569	0.1228189	NaN	-0.6280274
##	[598,]	-0.0936566143	-1.441754970	2.5247318	NaN	1.5912040
##	[599,]	-0.4504993122	0.289541802	1.3237753	NaN	-0.6280274
##	[600,]	-0.9260771696	1.575475370	0.5231377	NaN	-0.6280274
##	[601,]	-0.0724159775	0.675897894	-0.6778187	NaN	-0.6280274
##	[602,]	-0.2992659783	-0.327363507	1.3237753	NaN	-0.6280274
##	[603,]	0.0794545755	0.831845262	0.9234565	NaN	1.5912040
##	[604,]	-0.8982519355	-1.146438422	-0.6778187	NaN	-0.6280274
##	[605,]	-0.4394541810	-0.352230790	-0.6778187	NaN	-0.6280274
##	[606,]	-0.0456527752	-1.409020072	-0.2774999	NaN	-0.6280274
##	[607,]	-0.8389905589	-0.843956725	-0.6778187	NaN	-0.6280274
##	[608,]	0.2444943232	-1.187602908	-0.6778187	NaN	-0.6280274
##	[609,]	-0.2852471580	1.012378927	0.5231377	NaN	-0.6280274
##	[610,]	2.2634168491	-1.280328370	1.3237753	NaN	-0.6280274
##	[611,]	1.3392367428	-0.768652411	-0.6778187	NaN	1.5912040
##	[612,]	0.7897414693	0.640072147	0.1228189	NaN	-0.6280274
##	[613,]	-0.3661739842	-1.491349042	-0.6778187	NaN	1.5912040
##	[614,]	-0.5875014194	-1.695766538	-1.0781375	NaN	-0.6280274
##	[615,]	-0.8787105496	0.925132697	-0.6778187	NaN	1.5912040
##	[616,]	-1.0188987524	0.317218948	-0.6778187	NaN	-0.6280274
##	[617,]	2.0824466237	-1.224974079	-0.2774999	NaN	-0.6280274
##	[618,]	-0.1210570357	-1.280749849	2.5247318	NaN	-0.6280274
##	[619,]	-0.6539846125	1.028254650	1.7240942	NaN	-0.6280274
##	[620,]	-0.5237795091	1.054105385	-0.6778187	NaN	-0.6280274
##	[621,]	-0.8377161206	0.497190640	-0.6778187	NaN	-0.6280274
##	[622,]	-0.0641321292	-1.614280526	-0.6778187	NaN	1.5912040
##	[623,]	-0.4460387784	-0.711331216	-0.2774999	NaN	-0.6280274
##	[624,]	-0.5824036666	-1.677502432	2.5247318	NaN	-0.6280274
##	[625,]	0.9411872096	0.899422455	1.7240942	NaN	1.5912040
##	[626,]	0.9044409079	0.692054604	0.5231377	NaN	1.5912040
##	[627,]	-0.2820610625	1.102716006	0.9234565	NaN	-0.6280274
##	[628,]	1.5554664252	0.662410554	0.1228189	NaN	-0.6280274
##	[629,]	-0.0358820822	1.439337532	0.5231377	NaN	-0.6280274
##	[630,]	-0.3328261844	1.356025109	-0.6778187	NaN	-0.6280274
##	[631,]	-0.3670236096	0.678988743	1.3237753	NaN	-0.6280274
##	[632,]	-0.7827028714	-1.302245297	-0.2774999	NaN	1.5912040

##	[633,]	-0.8470620008	-0.736900965	0.9234565	NaN	1.5912040
##	[634,]	-0.8838083025	-0.797734487	-1.0781375	NaN	-0.6280274
##	[635,]	-0.4904317093	0.007010129	-0.6778187	NaN	1.5912040
##	[636,]	0.8882980240	1.284654602	-0.6778187	NaN	1.5912040
##	[637,]	-0.9517783402	0.322979166	-0.6778187	NaN	1.5912040
##	[638,]	-0.8897556808	-0.725661515	-1.0781375	NaN	-0.6280274
##	[639,]	-0.4772625145	0.539619564	-0.6778187	NaN	-0.6280274
##	[640,]	-0.6208492191	-0.528128182	-0.2774999	NaN	-0.6280274
##	[641,]	-0.7096350809	-0.496657722	-1.0781375	NaN	-0.6280274
##	[642,]	0.0044751276	-0.761768248	-0.6778187	NaN	-0.6280274
##	[643,]	-0.7654979556	-0.310644825	-1.0781375	NaN	-0.6280274
##	[644,]	-0.2701663059	1.322447253	-0.2774999	NaN	1.5912040
##	[645,]	-0.8808346133	0.078380636	0.1228189	NaN	1.5912040
##	[646,]	-0.7865261860	1.293786655	1.3237753	NaN	1.5912040
##	[647,]	1.1327777533	1.190805195	0.9234565	NaN	-0.6280274
##	[648,]	0.9346026122	-0.728330884	0.1228189	NaN	-0.6280274
##	[649,]	-0.7497798844	0.970652469	0.9234565	NaN	-0.6280274
##	[650,]	1.6508368844	0.827911455	1.3237753	NaN	-0.6280274
##	[651,]	-0.1998597982	1.049328619	0.5231377	NaN	-0.6280274
##	[652,]	-0.4175763252	0.487496614	-1.0781375	NaN	1.5912040
##	[653,]	0.2419454468	-1.334558716	-0.6778187	NaN	1.5912040
##	[654,]	2.4259077204	-1.372491859	-0.6778187	NaN	-0.6280274
##	[655,]	-0.2759012778	-0.916451178	2.1244130	NaN	-0.6280274
##	[656,]	-0.8976147164	1.171276651	0.1228189	NaN	1.5912040
##	[657,]	-0.7875882179	0.520231512	-0.6778187	NaN	1.5912040
##	[658,]	-0.8434510926	-1.160347241	1.3237753	NaN	-0.6280274
##	[659,]	-0.8377161206	-0.956070239	-0.6778187	NaN	1.5912040
##	[660,]	-0.3387735627	1.396346636	-0.6778187	NaN	-0.6280274
##	[661,]	-0.8757368605	-0.130532640	2.5247318	NaN	1.5912040
##	[662,]	-0.3691476733	1.334810648	0.5231377	NaN	-0.6280274
##	[663,]	-0.9471054001	1.087261762	-0.6778187	NaN	-0.6280274
##	[664,]	-0.8092536674	-0.764718603	-0.6778187	NaN	-0.6280274
##	[665,]	0.0176443224	-1.333575264	-1.0781375	NaN	1.5912040
##	[666,]	-0.6815974403	-0.165234441	-0.6778187	NaN	1.5912040
##	[667,]	-0.4953170558	-0.602870524	-1.0781375	NaN	1.5912040
##	[668,]	-0.7911991261	0.479348013	0.5231377	NaN	1.5912040
##	[669,]	-0.8763740796	-0.629283231	0.9234565	NaN	-0.6280274
##	[670,]	-0.8706391077	-1.406350702	1.7240942	NaN	1.5912040
##	[671,]	-0.8889060553	0.491008943	-0.6778187	NaN	-0.6280274
##	[672,]	-0.9547520293	-1.042052031	-0.6778187	NaN	-0.6280274
##	[673,]	-0.0549986554	-0.911674411	1.7240942	NaN	-0.6280274
##	[674,]	-0.7867385924	-1.541786074	0.1228189	NaN	1.5912040
##	[675,]	0.8600479771	-0.710628750	-0.2774999	NaN	1.5912040
##	[676,]	-0.8865695852	-0.361924816	0.1228189	NaN	-0.6280274
##	[677,]	-0.5286648555	0.682360578	-0.6778187	NaN	1.5912040
##	[678,]	0.1911803249	1.146971340	0.5231377	NaN	-0.6280274
##	[679,]	-0.9014380310	-1.232139228	0.5231377	NaN	-0.6280274
##	[680,]	0.0911369257	1.417982577	-0.6778187	NaN	-0.6280274
##	[681,]	-0.3876270273	1.261613730	-0.2774999	NaN	-0.6280274
##	[682,]	1.5036392715	0.278021366	-0.6778187	NaN	-0.6280274
##	[683,]	-0.8859323661	-1.452572940	1.3237753	NaN	-0.6280274
##	[684,]	-0.8687274503	0.630097136	-0.6778187	NaN	1.5912040
##	[685,]	0.6801397836	0.890571388	-0.2774999	NaN	-0.6280274
##	[686,]	-0.4691910725	-0.444675266	-0.6778187	NaN	-0.6280274

##	[687,]	-0.3784935535	-1.572694561	-0.2774999	NaN	1.5912040
##	[688,]	-0.8462123754	-0.284653597	0.5231377	NaN	-0.6280274
##	[689,]	-0.9307501097	-0.613407508	-0.6778187	NaN	1.5912040
##	[690,]	-0.7497798844	-0.183358054	-0.6778187	NaN	-0.6280274
##	[691,]	-0.1376247324	0.429332461	-1.0781375	NaN	1.5912040
##	[692,]	-0.6129901835	1.510286560	2.1244130	NaN	1.5912040
##	[693,]	0.0471688076	-0.106648809	-0.6778187	NaN	-0.6280274
##	[694,]	0.8118317316	-1.235651556	-0.6778187	NaN	1.5912040
##	[695,]	0.0947478339	-0.284091625	-1.0781375	NaN	-0.6280274
##	[696,]	0.8721551400	0.085545786	0.9234565	NaN	-0.6280274
##	[697,]	-0.4366928983	1.243349624	-0.6778187	NaN	-0.6280274
##	[698,]	-0.9231034805	0.546503727	-0.6778187	NaN	-0.6280274
##	[699,]	-0.4039823176	-1.142785601	-0.6778187	NaN	-0.6280274
##	[700,]	2.2506724670	-0.068013199	-0.2774999	NaN	-0.6280274
##	[701,]	-0.8547086301	1.673820557	0.5231377	NaN	-0.6280274
##	[702,]	1.7733953586	-0.052699449	1.3237753	NaN	-0.6280274
##	[703,]	0.1616558398	-0.609192714	0.9234565	NaN	-0.6280274
##	[704,]	-0.1777695359	0.784780066	-0.6778187	NaN	1.5912040
##	[705,]	0.2803909994	-1.053853453	1.3237753	NaN	-0.6280274
##	[706,]	0.2924981624	-1.651230218	-1.0781375	NaN	-0.6280274
##	[707,]	1.4212256008	0.387465510	0.5231377	NaN	1.5912040
##	[708,]	-0.3050009502	-1.061299589	-0.6778187	NaN	1.5912040
##	[709,]	-0.3024520738	1.635184947	0.5231377	NaN	-0.6280274
##	[710,]	-0.8882688362	-0.560722587	-1.0781375	NaN	1.5912040
##	[711,]	2.3239526639	0.867671009	-0.6778187	NaN	-0.6280274
##	[712,]	-0.8706391077	-0.398172042	1.3237753	NaN	1.5912040
##	[713,]	-0.6480372342	0.411349341	0.1228189	NaN	-0.6280274
##	[714,]	-0.8991015609	-0.464765783	0.1228189	NaN	-0.6280274
##	[715,]	2.3143943773	-1.081530599	2.5247318	NaN	-0.6280274
##	[716,]	-0.2155778694	0.821589264	-0.6778187	NaN	1.5912040
##	[717,]	2.7434552403	-1.486150797	-0.2774999	NaN	-0.6280274
##	[718,]	-0.7841897160	-0.312892715	2.5247318	NaN	-0.6280274
##	[719,]	-0.6095916816	-0.038509643	-0.6778187	NaN	1.5912040
##	[720,]	-0.4970163067	-0.806726047	-0.6778187	NaN	1.5912040
##	[721,]	-0.9284136397	-0.389742454	0.5231377	NaN	1.5912040
##	[722,]	1.5866901613	-1.426300726	0.1228189	NaN	1.5912040
##	[723,]	-0.8111653247	-0.307132497	-1.0781375	NaN	-0.6280274
##	[724,]	0.9222830428	1.390164939	1.3237753	NaN	-0.6280274
##	[725,]	-0.4515613440	1.377380064	-0.6778187	NaN	-0.6280274
##	[726,]	-0.5862269812	-0.595564881	-0.6778187	NaN	1.5912040
##	[727,]	-0.5002024022	-0.426832639	-0.6778187	NaN	-0.6280274
##	[728,]	-1.1580249233	-0.115218889	-0.6778187	NaN	-0.6280274
##	[729,]	0.8997679679	-0.051996983	2.1244130	NaN	-0.6280274
##	[730,]	0.8252133328	-1.030953074	-0.6778187	NaN	1.5912040
##	[731,]	1.0435670788	0.490165984	-1.0781375	NaN	1.5912040
##	[732,]	-0.8290074596	0.556619232	-0.6778187	NaN	1.5912040
##	[733,]	-0.8668157930	1.603293008	-1.0781375	NaN	-0.6280274
##	[734,]	-0.2189763713	-1.542488540	-0.6778187	NaN	-0.6280274
##	[735,]	-0.8606560084	-1.044159428	-0.6778187	NaN	-0.6280274
##	[736,]	-0.4806610164	-0.167763318	-0.2774999	NaN	-0.6280274
##	[737,]	0.9549936235	1.114376935	1.7240942	NaN	-0.6280274
##	[738,]	-0.3185949578	1.272572193	1.3237753	NaN	-0.6280274
##	[739,]	1.3252179225	-1.019011158	-0.6778187	NaN	-0.6280274
##	[740,]	-0.4834222992	-1.356475643	-1.0781375	NaN	-0.6280274

##	[741,]	-0.5492682732	-0.670447717	-0.6778187	NaN	-0.6280274
##	[742,]	2.5064097338	-0.919261040	1.3237753	NaN	-0.6280274
##	[743,]	-0.8757368605	0.822151237	0.5231377	NaN	-0.6280274
##	[744,]	1.5342257884	1.055931796	0.1228189	NaN	1.5912040
##	[745,]	-0.3665987969	0.009679498	0.9234565	NaN	-0.6280274
##	[746,]	-0.0250493575	-0.185605944	0.1228189	NaN	1.5912040
##	[747,]	2.8611283680	0.838869918	-0.6778187	NaN	-0.6280274
##	[748,]	0.0760560736	-1.311096364	2.1244130	NaN	1.5912040
##	[749,]	-0.3258167743	1.053683906	2.1244130	NaN	-0.6280274
##	[750,]	2.8339403529	1.620292676	-0.6778187	NaN	-0.6280274
##	[751,]	1.4479888031	-0.361924816	0.1228189	NaN	1.5912040
##	[752,]	-0.0331207995	1.490196043	-1.0781375	NaN	-0.6280274
##	[753,]	-0.7986333490	-0.849154971	-0.6778187	NaN	-0.6280274
##	[754,]	0.9297172657	-1.296766065	-0.6778187	NaN	1.5912040
##	[755,]	-0.8838083025	1.000858491	-1.0781375	NaN	-0.6280274
##	[756,]	2.3677083756	-1.251667772	0.1228189	NaN	-0.6280274
##	[757,]	-0.5263283855	-0.446501676	2.5247318	NaN	-0.6280274
##	[758,]	0.6843879109	-0.285918035	-1.0781375	NaN	-0.6280274
##	[759,]	1.1472213863	-0.460129510	0.1228189	NaN	1.5912040
##	[760,]	-0.9188553531	-0.842270808	-0.6778187	NaN	-0.6280274
##	[761,]	0.2170939018	1.295894052	-0.2774999	NaN	-0.6280274
##	[762,]	-0.3544916339	-0.906897645	1.7240942	NaN	-0.6280274
##	[763,]	-0.9475302128	0.145114870	1.3237753	NaN	1.5912040
##	[764,]	-0.9097218793	0.575585803	-0.6778187	NaN	1.5912040
##	[765,]	-1.1578125169	1.274398604	-0.6778187	NaN	-0.6280274
##	[766,]	-0.7820656523	-1.589834723	0.1228189	NaN	-0.6280274
##	[767,]	2.7047972813	-0.205134489	-0.2774999	NaN	1.5912040
##	[768,]	-0.5089110633	-0.065343830	0.1228189	NaN	-0.6280274
##	[769,]	0.4020998481	1.110443128	-0.6778187	NaN	-0.6280274
##	[770,]	-0.9549644357	1.538666171	-0.6778187	NaN	-0.6280274
##	[771,]	2.7876357648	1.001982436	2.5247318	NaN	-0.6280274
##	[772,]	0.8885104304	-0.831874317	1.3237753	NaN	-0.6280274
##	[773,]	-0.7563644818	-0.303339183	-0.2774999	NaN	-0.6280274
##	[774,]	0.5002315900	0.190494149	-1.0781375	NaN	-0.6280274
##	[775,]	2.1778170828	0.422869777	1.7240942	NaN	-0.6280274
##	[776,]	0.9122999436	-1.270774837	0.9234565	NaN	-0.6280274
##	[777,]	-0.8878440234	0.406291589	-0.6778187	NaN	1.5912040
##	[778,]	-1.0804965990	0.413737724	-0.6778187	NaN	-0.6280274
##	[779,]	-0.4010086285	0.943537296	2.1244130	NaN	1.5912040
##	[780,]	-0.8585319447	-0.559317655	2.5247318	NaN	1.5912040
##	[781,]	0.4713443240	-0.275100065	-0.6778187	NaN	-0.6280274
##	[782,]	-0.5411968312	-0.445658718	-0.6778187	NaN	-0.6280274
##	[783,]	0.7336661882	-0.732967157	-1.0781375	NaN	-0.6280274
##	[784,]	-0.6641801182	0.639229189	-0.6778187	NaN	-0.6280274
##	[785,]	0.4927973672	1.446362188	-1.0781375	NaN	-0.6280274
##	[786,]	0.8111945125	1.718075891	0.5231377	NaN	-0.6280274
##	[787,]	-0.3997341903	-1.186338469	-0.6778187	NaN	-0.6280274
##	[788,]	0.9501082770	0.210725159	0.1228189	NaN	-0.6280274
##	[789,]	-0.6038567097	-0.899732496	0.1228189	NaN	-0.6280274
##	[790,]	0.8451795313	-1.684105609	2.5247318	NaN	-0.6280274
##	[791,]	0.1308569165	0.969528524	0.5231377	NaN	-0.6280274
##	[792,]	0.6540138003	-0.559177162	-1.0781375	NaN	1.5912040
##	[793,]	-0.4237361098	-1.571289630	-0.6778187	NaN	-0.6280274
##	[794,]	-0.9124831621	1.147673806	-0.6778187	NaN	-0.6280274

##	[795,]	0.2661597727	1.117327291	-1.0781375	NaN	-0.6280274
##	[796,]	0.0405842102	1.392272335	-0.2774999	NaN	1.5912040
##	[797,]	-0.5972721123	-1.363921779	-0.6778187	NaN	1.5912040
##	[798,]	-0.8763740796	0.710880682	-0.6778187	NaN	-0.6280274
##	[799,]	-0.8899680871	-1.590396695	0.5231377	NaN	1.5912040
##	[800,]	2.3708944712	0.012067882	-1.0781375	NaN	-0.6280274
##	[801,]	-0.8298570850	-1.004961846	-0.6778187	NaN	-0.6280274
##	[802,]	-0.3770067089	0.412754272	0.1228189	NaN	1.5912040
##	[803,]	-0.4674918216	-0.128144257	-1.0781375	NaN	-0.6280274
##	[804,]	-0.7485054462	1.147111833	0.1228189	NaN	-0.6280274
##	[805,]	2.2052175043	0.258633315	-0.2774999	NaN	-0.6280274
##	[806,]	-0.1932752008	0.513768829	-0.6778187	NaN	-0.6280274
##	[807,]	0.8373204957	0.141743035	1.7240942	NaN	-0.6280274
##	[808,]	0.4751676386	-1.228486407	-1.0781375	NaN	1.5912040
##	[809,]	-0.8472744072	1.777925962	0.5231377	NaN	-0.6280274
##	[810,]	0.2447067296	-0.881468390	-1.0781375	NaN	-0.6280274
##	[811,]	2.3284131976	0.180238151	0.1228189	NaN	-0.6280274
##	[812,]	0.1801351938	0.885935115	1.7240942	NaN	-0.6280274
##	[813,]	0.9169728836	-0.390304427	2.1244130	NaN	-0.6280274
##	[814,]	1.2035090738	-0.107632260	1.7240942	NaN	-0.6280274
##	[815,]	2.7874233584	0.453918758	-0.6778187	NaN	-0.6280274
##	[816,]	-0.9415828345	1.547236252	-0.6778187	NaN	1.5912040
##	[817,]	0.0592759705	-0.778767916	2.5247318	NaN	-0.6280274
##	[818,]	0.2710451192	1.253886608	-0.2774999	NaN	-0.6280274
##	[819,]	-0.7884378433	1.077286751	-1.0781375	NaN	-0.6280274
##	[820,]	-0.7013512325	0.786465983	-1.0781375	NaN	-0.6280274
##	[821,]	-0.3260291806	0.588230185	-0.6778187	NaN	-0.6280274
##	[822,]	1.4055075296	-0.341974792	1.3237753	NaN	-0.6280274
##	[823,]	-0.5246291345	0.213675515	-0.2774999	NaN	-0.6280274
##	[824,]	-0.6822346594	0.509554035	-1.0781375	NaN	-0.6280274
##	[825,]	-0.4738640126	-0.668059334	0.5231377	NaN	-0.6280274
##	[826,]	-0.3073374203	0.474290261	-0.6778187	NaN	1.5912040
##	[827,]	-0.7771803058	-1.167371898	-0.6778187	NaN	-0.6280274
##	[828,]	-0.8071296037	1.092319515	-0.6778187	NaN	1.5912040
##	[829,]	-0.9768422915	-0.106367822	-0.6778187	NaN	-0.6280274
##	[830,]	0.3655659529	0.572073475	-1.0781375	NaN	1.5912040
##	[831,]	-0.3689352669	-0.739289348	0.1228189	NaN	1.5912040
##	[832,]	-0.8268833959	-1.135198972	-0.6778187	NaN	-0.6280274
##	[833,]	-0.1639631220	0.401514822	1.7240942	NaN	-0.6280274
##	[834,]	-0.8419642480	-0.893972278	-0.6778187	NaN	-0.6280274
##	[835,]	-0.1675740303	-1.191958194	-0.6778187	NaN	-0.6280274
##	[836,]	-0.4630312879	-1.012267488	-0.6778187	NaN	-0.6280274
##	[837,]	0.1769490983	-0.442708362	-0.6778187	NaN	-0.6280274
##	[838,]	1.4860095430	-0.074616376	2.5247318	NaN	-0.6280274
##	[839,]	1.5410227922	-1.667105941	-1.0781375	NaN	1.5912040
##	[840,]	-0.2863091899	-1.694361607	1.7240942	NaN	-0.6280274
##	[841,]	-0.9016504374	0.284765036	1.3237753	NaN	-0.6280274
##	[842,]	-0.6172383109	-1.110472182	2.1244130	NaN	-0.6280274
##	[843,]	-0.8470620008	1.214127054	-0.6778187	NaN	1.5912040
##	[844,]	-0.4424278702	-0.125334394	-0.6778187	NaN	-0.6280274
##	[845,]	0.0159450715	-1.630718222	-0.6778187	NaN	-0.6280274
##	[846,]	-0.4420030575	0.967983100	0.1228189	NaN	1.5912040
##	[847,]	0.8009990068	0.741086704	-0.2774999	NaN	-0.6280274
##	[848,]	-0.2463767927	1.607507802	-1.0781375	NaN	-0.6280274

##	[849,]	-0.8765864860	1.717373425	-0.6778187	NaN	-0.6280274
##	[850,]	-0.2457395736	-0.677753359	2.1244130	NaN	-0.6280274
##	[851,]	-0.7807912141	0.089058114	-0.6778187	NaN	-0.6280274
##	[852,]	2.8547561770	0.598767169	0.5231377	NaN	-0.6280274
##	[853,]	-0.7162196783	1.689977266	-0.6778187	NaN	-0.6280274
##	[854,]	-0.8392029652	-1.003275928	-0.6778187	NaN	-0.6280274
##	[855,]	-0.4303207072	0.813019184	0.5231377	NaN	1.5912040
##	[856,]	-0.0061451908	-0.611440604	-0.6778187	NaN	-0.6280274
##	[857,]	-0.7370355023	-0.208646817	-0.6778187	NaN	-0.6280274
##	[858,]	-0.7576389200	-0.489914052	-0.6778187	NaN	1.5912040
##	[859,]	2.5707688632	0.607899222	0.1228189	NaN	-0.6280274
##	[860,]	-0.9207670105	1.773008702	-1.0781375	NaN	1.5912040
##	[861,]	-0.7752686485	-1.417590152	-1.0781375	NaN	1.5912040
##	[862,]	2.2398397422	1.374570202	2.1244130	NaN	-0.6280274
##	[863,]	-0.8948534336	-1.409722537	-0.2774999	NaN	-0.6280274
##	[864,]	-0.6166010918	-0.826676071	-0.6778187	NaN	-0.6280274
##	[865,]	-0.9337237989	0.840134357	1.3237753	NaN	-0.6280274
##	[866,]	-0.5072118124	-0.157507320	2.1244130	NaN	-0.6280274
##	[867,]	-0.4621816624	1.563252468	0.9234565	NaN	-0.6280274
##	[868,]	2.4114640874	-0.677612866	-0.2774999	NaN	-0.6280274
##	[869,]	-0.7024132644	-0.261893711	-0.6778187	NaN	-0.6280274
##	[870,]	2.6716618879	-0.486682710	0.9234565	NaN	-0.6280274
##	[871,]	0.5231714778	0.943115817	0.1228189	NaN	1.5912040
##	[872,]	-0.9118459430	-1.537149801	-0.6778187	NaN	-0.6280274
##	[873,]	-0.4171515124	-1.321773841	-0.6778187	NaN	-0.6280274
##	[874,]	-0.7990581617	-1.046407318	-0.6778187	NaN	-0.6280274
##	[875,]	-0.6397533859	-0.422055873	-0.6778187	NaN	-0.6280274
##	[876,]	-0.4167266997	-0.922913861	-0.6778187	NaN	-0.6280274
##	[877,]	-0.8124397629	-1.301402338	-0.6778187	NaN	-0.6280274
##	[878,]	0.1860825721	0.438324021	-0.2774999	NaN	-0.6280274
##	[879,]	-0.0490512771	-0.204432023	1.7240942	NaN	-0.6280274
##	[880,]	-0.2725027760	-0.480501013	-1.0781375	NaN	1.5912040
##	[881,]	-0.7986333490	-0.980937522	-0.6778187	NaN	-0.6280274
##	[882,]	-0.3196569896	-1.682419692	0.5231377	NaN	1.5912040
##	[883,]	0.7963260667	-1.415904235	-0.2774999	NaN	1.5912040
##	[884,]	-0.7905619070	-1.124240508	-1.0781375	NaN	-0.6280274
##	[885,]	0.0741444163	-0.382436812	1.7240942	NaN	-0.6280274
##	[886,]	-0.3298524953	0.886497088	-1.0781375	NaN	-0.6280274
##	[887,]	-0.6210616255	-0.694612534	-1.0781375	NaN	1.5912040
##	[888,]	1.4205883817	1.259927812	0.1228189	NaN	1.5912040
##	[889,]	0.8228768627	-0.078409691	0.5231377	NaN	1.5912040
##	[890,]	-0.9065357838	0.008977033	-0.6778187	NaN	1.5912040
##	[891,]	0.8494276587	-0.653869528	1.7240942	NaN	-0.6280274
##	[892,]	-0.9541148102	0.796440995	-0.6778187	NaN	-0.6280274
##	[893,]	-0.9864005781	-1.147140888	-0.6778187	NaN	1.5912040
##	[894,]	-0.5826160729	-1.224412106	-0.6778187	NaN	-0.6280274
##	[895,]	2.3951087971	1.287042985	0.1228189	NaN	-0.6280274
##	[896,]	0.0701086953	0.389994386	-0.6778187	NaN	1.5912040
##	[897,]	0.0656481616	0.405308137	-0.6778187	NaN	-0.6280274
##	[898,]	-0.2829106880	0.305839005	0.9234565	NaN	-0.6280274
##	[899,]	2.8116376843	0.605791825	0.1228189	NaN	-0.6280274
##	[900,]	2.5930715319	-0.307553976	-0.2774999	NaN	-0.6280274
##	[901,]	-0.5970597059	-0.710488257	-0.6778187	NaN	-0.6280274
##	[902,]	-0.8377161206	0.324103111	0.9234565	NaN	-0.6280274

##	[903,]	-0.8466371881	-1.560190673	-0.6778187	NaN	-0.6280274
##	[904,]	0.0255033580	-1.420259522	-0.6778187	NaN	1.5912040
##	[905,]	2.4983382918	-0.783966161	1.3237753	NaN	-0.6280274
##	[906,]	2.0435762584	-1.529984652	0.1228189	NaN	-0.6280274
##	[907,]	-0.8321935551	1.029800075	-1.0781375	NaN	-0.6280274
##	[908,]	2.4872931607	-0.781437285	1.7240942	NaN	-0.6280274
##	[909,]	0.3987013462	1.038932128	-1.0781375	NaN	1.5912040
##	[910,]	-0.7453193507	0.970511976	-0.6778187	NaN	1.5912040
##	[911,]	-1.1214910280	0.363581679	-0.6778187	NaN	-0.6280274
##	[912,]	-1.1437936966	-0.881327896	-0.6778187	NaN	1.5912040
##	[913,]	-0.7705957084	-0.609754687	-0.6778187	NaN	1.5912040
##	[914,]	2.6170734514	-1.660643257	-0.2774999	NaN	1.5912040
##	[915,]	1.5025772396	1.584607423	-0.6778187	NaN	1.5912040
##	[916,]	-0.8236973004	1.544707375	-0.6778187	NaN	-0.6280274
##	[917,]	2.6096392285	-0.613548001	-0.2774999	NaN	-0.6280274
##	[918,]	-0.4173639188	-1.162454638	-1.0781375	NaN	1.5912040
##	[919,]	2.8343651657	0.686013399	0.5231377	NaN	1.5912040
##	[920,]	0.8515517224	0.799250857	1.3237753	NaN	-0.6280274
##	[921,]	-0.4373301174	1.154979448	0.5231377	NaN	-0.6280274
##	[922,]	-0.9237406996	-1.049638659	-1.0781375	NaN	1.5912040
##	[923,]	2.6948141820	0.444505718	-0.6778187	NaN	-0.6280274
##	[924,]	-0.4275594245	1.056493768	0.5231377	NaN	-0.6280274
##	[925,]	-0.6365672904	-1.165124008	-1.0781375	NaN	1.5912040
##	[926,]	-0.8774361114	-1.220197312	1.3237753	NaN	1.5912040
##	[927,]	0.7918655330	0.850109368	0.1228189	NaN	-0.6280274
##	[928,]	-0.2321455661	-1.684527088	2.5247318	NaN	1.5912040
##	[929,]	0.3133139864	-0.033451891	-0.6778187	NaN	-0.6280274
##	[930,]	-0.5598885916	-0.012799401	-0.6778187	NaN	1.5912040
##	[931,]	-0.7784547440	-1.412813386	-1.0781375	NaN	-0.6280274
##	[932,]	-0.3840161191	-0.204432023	1.7240942	NaN	1.5912040
##	[933,]	-0.6720391538	0.417531038	0.1228189	NaN	1.5912040
##	[934,]	-0.9394587708	-1.346079152	-0.2774999	NaN	-0.6280274
##	[935,]	-0.9360602689	0.634592916	-0.6778187	NaN	-0.6280274
##	[936,]	-0.0624328782	-0.368106513	-0.6778187	NaN	-0.6280274
##	[937,]	2.4550073928	-0.179564740	0.1228189	NaN	-0.6280274
##	[938,]	2.2557702198	0.424415202	1.3237753	NaN	1.5912040
##	[939,]	-0.8774361114	1.652606095	-0.6778187	NaN	-0.6280274
##	[940,]	-0.3440837219	1.198672810	-0.6778187	NaN	-0.6280274
##	[941,]	-0.5520295560	1.101592061	-1.0781375	NaN	-0.6280274
##	[942,]	-0.3984597521	1.309100406	-1.0781375	NaN	-0.6280274
##	[943,]	0.1255467573	-1.203478631	0.1228189	NaN	-0.6280274
##	[944,]	-0.6541970189	1.214408040	1.3237753	NaN	-0.6280274
##	[945,]	0.0363360828	0.292070678	-1.0781375	NaN	-0.6280274
##	[946,]	2.2041554724	1.139244218	0.5231377	NaN	1.5912040
##	[947,]	0.5503594928	0.410506382	-0.2774999	NaN	1.5912040
##	[948,]	0.4127201665	1.014486324	2.5247318	NaN	1.5912040
##	[949,]	1.1497702627	1.631672619	-0.6778187	NaN	1.5912040
##	[950,]	-0.4182135443	-0.135028420	-1.0781375	NaN	-0.6280274
##	[951,]	0.7113635196	-0.755586550	-0.6778187	NaN	1.5912040
##	[952,]	-0.0747524476	1.090352611	-0.6778187	NaN	-0.6280274
##	[953,]	-0.8923045572	-0.842130315	-0.6778187	NaN	1.5912040
##	[954,]	-0.8795601751	0.050001025	0.5231377	NaN	-0.6280274
##	[955,]	2.4125261192	1.723695616	-1.0781375	NaN	1.5912040
##	[956,]	2.6941769629	-1.028564691	0.5231377	NaN	-0.6280274

##	[957,]	2.8067523379	-1.445829270	1.3237753	NaN	-0.6280274
##	[958,]	-0.6284958484	-0.812205279	2.5247318	NaN	-0.6280274
##	[959,]	0.4241901104	-1.239023391	-1.0781375	NaN	-0.6280274
##	[960,]	-0.3912379356	1.143880492	-0.6778187	NaN	-0.6280274
##	[961,]	-0.5097606888	-1.407193661	-1.0781375	NaN	-0.6280274
##	[962,]	-0.4787493591	-1.632966112	-0.6778187	NaN	1.5912040
##	[963,]	1.5979476988	0.460100455	-0.6778187	NaN	1.5912040
##	[964,]	0.0828530773	0.723244077	0.1228189	NaN	-0.6280274
##	[965,]	-0.0802750131	1.298141942	-0.6778187	NaN	-0.6280274
##	[966,]	-0.6019450524	-0.735917513	0.1228189	NaN	-0.6280274
##	[967,]	0.7444989130	-0.321743782	1.7240942	NaN	1.5912040
##	[968,]	-0.8742500159	-1.060878109	0.1228189	NaN	-0.6280274
##	[969,]	-0.3959108756	-1.693237662	-0.2774999	NaN	-0.6280274
##	[970,]	0.2963214770	0.617171768	-0.6778187	NaN	-0.6280274
##	[971,]	-0.8430262798	-1.093893994	2.1244130	NaN	-0.6280274
##	[972,]	1.4101804697	1.422618850	0.1228189	NaN	-0.6280274
##	[973,]	-1.0390773573	0.701327150	-0.6778187	NaN	-0.6280274
##	[974,]	-0.2421286654	-0.487104189	-1.0781375	NaN	-0.6280274
##	[975,]	-0.3041513248	0.854043176	0.1228189	NaN	-0.6280274
##	[976,]	1.5276411910	-0.707537902	1.3237753	NaN	1.5912040
##	[977,]	1.4654061253	0.550999507	0.5231377	NaN	1.5912040
##	[978,]	-0.9502914956	0.221683623	-0.6778187	NaN	-0.6280274
##	[979,]	-0.0267486084	-0.059724105	0.9234565	NaN	-0.6280274
##	[980,]	-0.2281098451	0.446472622	0.5231377	NaN	-0.6280274
##	[981,]	-0.7897122815	-0.341553313	1.7240942	NaN	-0.6280274
##	[982,]	-0.4012210348	1.260911264	-1.0781375	NaN	1.5912040
##	[983,]	-0.8268833959	0.201593106	-0.6778187	NaN	-0.6280274
##	[984,]	0.0390973656	-1.145033491	-0.6778187	NaN	-0.6280274
##	[985,]	-0.3778563344	1.393536774	-0.6778187	NaN	-0.6280274
##	[986,]	-0.0688050693	0.947471104	-0.6778187	NaN	1.5912040
##	[987,]	-0.0813370450	-1.509753642	0.1228189	NaN	1.5912040
##	[988,]	0.8693938573	0.151999033	-0.2774999	NaN	-0.6280274
##	[989,]	-0.2200384031	-0.050592052	0.1228189	NaN	1.5912040
##	[990,]	-0.7448945379	-1.282857246	1.7240942	NaN	1.5912040
##	[991,]	0.7423748493	0.699641232	1.3237753	NaN	-0.6280274
##	[992,]	-0.5150708480	0.868794954	-1.0781375	NaN	1.5912040
##	[993,]	0.9382135204	-1.526331830	0.1228189	NaN	-0.6280274
##	[994,]	-0.0575475318	-0.257959904	-0.2774999	NaN	-0.6280274
##	[995,]	1.4324831383	-0.643754023	-0.2774999	NaN	1.5912040
##	[996,]	-0.5144336289	0.799391351	-0.6778187	NaN	1.5912040
##	[997,]	-0.1558916800	-1.013391433	-0.6778187	NaN	1.5912040
##	[998,]	-0.8727631713	1.597111311	-0.6778187	NaN	1.5912040
##	[999,]	-0.5520295560	-1.441895463	-1.0781375	NaN	-0.6280274
##	[1000,]	2.1869505567	0.323541138	-1.0781375	NaN	-0.6280274
##	[1001,]	-0.7546652308	0.428489502	2.5247318	NaN	-0.6280274
##	[1002,]	-0.6104413071	0.673369018	0.5231377	NaN	-0.6280274
##	[1003,]	0.6072843994	0.791102256	-0.2774999	NaN	-0.6280274
##	[1004,]	-0.6954038542	-1.321071376	0.5231377	NaN	-0.6280274
##	[1005,]	-0.6212740319	1.301513777	-1.0781375	NaN	-0.6280274
##	[1006,]	0.3154380501	-0.638415284	-0.6778187	NaN	-0.6280274
##	[1007,]	-0.4713151362	1.179706238	0.1228189	NaN	-0.6280274
##	[1008,]	0.2230412801	1.210614726	-1.0781375	NaN	1.5912040
##	[1009,]	2.2993135252	-1.216825477	1.3237753	NaN	-0.6280274
##	[1010,]	2.8033538360	1.144020985	0.1228189	NaN	1.5912040

## [1011,]	1.7479065944	-0.266810970	-0.2774999	NaN	-0.6280274
## [1012,]	0.5894422645	0.906166125	0.1228189	NaN	1.5912040
## [1013,]	-1.0926037620	0.258633315	-0.6778187	NaN	-0.6280274
## [1014,]	-0.3661739842	-0.218059856	1.7240942	NaN	-0.6280274
## [1015,]	2.1068733560	-0.767949945	0.1228189	NaN	-0.6280274
## [1016,]	-0.7448945379	0.838869918	0.9234565	NaN	-0.6280274
## [1017,]	-1.1134195860	1.116765319	-0.6778187	NaN	-0.6280274
## [1018,]	-0.9354230498	-0.932045914	-1.0781375	NaN	-0.6280274
## [1019,]	-0.1471830190	1.164813967	-0.6778187	NaN	-0.6280274
## [1020,]	-0.1818052569	-0.115078396	0.5231377	NaN	-0.6280274
## [1021,]	-0.6548342380	-0.577160282	1.7240942	NaN	-0.6280274
## [1022,]	-0.4466759976	0.122073998	0.1228189	NaN	-0.6280274
## [1023,]	-0.6378417286	1.567467262	-1.0781375	NaN	-0.6280274
## [1024,]	-0.9424324600	-0.536557769	-0.2774999	NaN	-0.6280274
## [1025,]	2.2655409127	1.740695284	0.1228189	NaN	-0.6280274
## [1026,]	-0.4972287131	0.126148299	-0.6778187	NaN	1.5912040
## [1027,]	0.5737241933	1.268638386	0.5231377	NaN	-0.6280274
## [1028,]	-0.6815974403	-1.489944111	0.9234565	NaN	-0.6280274
## [1029,]	-0.9294756715	-1.229610352	-0.2774999	NaN	1.5912040
## [1030,]	-0.5369487039	1.234358064	0.1228189	NaN	-0.6280274
## [1031,]	0.9112379117	-0.832717275	-0.6778187	NaN	-0.6280274
## [1032,]	0.7631906734	0.235030470	0.5231377	NaN	-0.6280274
## [1033,]	-0.6068303989	0.402919754	-0.2774999	NaN	1.5912040
## [1034,]	0.2003137987	-0.756148523	-0.6778187	NaN	-0.6280274
## [1035,]	0.9235574810	0.779722313	-0.2774999	NaN	1.5912040
## [1036,]	-0.9332989862	1.446502681	2.5247318	NaN	-0.6280274
## [1037,]	-0.5906875149	0.950842939	1.3237753	NaN	1.5912040
## [1038,]	0.6111077140	0.057166174	0.5231377	NaN	1.5912040
## [1039,]	-0.2160026821	1.472634403	0.5231377	NaN	-0.6280274
## [1040,]	-0.7988457553	-1.579297738	-0.6778187	NaN	-0.6280274
## [1041,]	1.5408103858	1.526443269	-0.2774999	NaN	-0.6280274
## [1042,]	0.4163310748	1.289290875	-1.0781375	NaN	-0.6280274
## [1043,]	-0.7096350809	-0.890740936	0.1228189	NaN	-0.6280274
## [1044,]	2.1442568767	0.765813494	0.5231377	NaN	-0.6280274
## [1045,]	0.0314507363	1.014486324	-0.2774999	NaN	-0.6280274
## [1046,]	-0.8831710834	-0.880625431	-0.2774999	NaN	-0.6280274
## [1047,]	-0.6548342380	0.961660909	-0.6778187	NaN	-0.6280274
## [1048,]	-0.4524109695	0.441555363	-1.0781375	NaN	-0.6280274
## [1049,]	-0.3704221115	0.221683623	0.1228189	NaN	-0.6280274
## [1050,]	-0.2552978602	-1.597983324	2.1244130	NaN	-0.6280274
## [1051,]	-0.6010954269	0.301343225	-0.6778187	NaN	-0.6280274
## [1052,]	-0.3685104542	-0.706835436	1.7240942	NaN	-0.6280274
## [1053,]	-1.1106583033	-1.006085791	-0.6778187	NaN	-0.6280274
## [1054,]	-0.3404728137	-1.628610825	-1.0781375	NaN	-0.6280274
## [1055,]	0.8417810295	0.932157353	0.1228189	NaN	-0.6280274
## [1056,]	2.2311310812	-0.334950136	1.7240942	NaN	-0.6280274
## [1057,]	-0.7633738919	0.201452613	0.1228189	NaN	-0.6280274
## [1058,]	-0.1567413055	0.445629663	0.9234565	NaN	-0.6280274
## [1059,]	-0.4044071304	-0.912938849	-1.0781375	NaN	1.5912040
## [1060,]	-0.8706391077	0.263972054	-0.6778187	NaN	-0.6280274
## [1061,]	-0.7075110172	0.377209512	-0.2774999	NaN	1.5912040
## [1062,]	-0.9494418701	-1.012969954	-0.6778187	NaN	-0.6280274
## [1063,]	0.7871925929	0.759491303	0.9234565	NaN	1.5912040
## [1064,]	0.4496788745	1.326802539	-0.6778187	NaN	-0.6280274

## [1065,]	-0.9428572727	0.156635307	-1.0781375	NaN	-0.6280274
## [1066,]	-0.5242043218	0.257087890	-1.0781375	NaN	1.5912040
## [1067,]	-0.5660483762	-0.859972942	2.1244130	NaN	-0.6280274
## [1068,]	-0.4061063813	1.389040994	0.1228189	NaN	1.5912040
## [1069,]	-0.8372913079	-1.258551935	1.7240942	NaN	-0.6280274
## [1070,]	-1.0492728630	-0.250513768	-0.6778187	NaN	-0.6280274
## [1071,]	-0.3408976264	-0.349280434	-1.0781375	NaN	-0.6280274
## [1072,]	-0.3640499205	1.230283763	0.5231377	NaN	-0.6280274
## [1073,]	-0.7058117663	-1.355070712	-1.0781375	NaN	-0.6280274
## [1074,]	0.0097852868	-1.565107933	-0.6778187	NaN	-0.6280274
## [1075,]	-0.0244121384	1.086840283	-0.2774999	NaN	1.5912040
## [1076,]	1.0070331836	0.949578501	-0.2774999	NaN	-0.6280274
## [1077,]	2.0240348726	1.425007233	0.1228189	NaN	-0.6280274
## [1078,]	-0.8795601751	-0.947640651	1.3237753	NaN	-0.6280274
## [1079,]	2.0869071574	1.090352611	0.1228189	NaN	-0.6280274
## [1080,]	0.3978517208	-0.725380528	0.5231377	NaN	-0.6280274
## [1081,]	2.1459561277	-0.412080861	2.1244130	NaN	-0.6280274
## [1082,]	0.4467051854	0.966859155	-0.6778187	NaN	-0.6280274
## [1083,]	-0.8986767482	1.475022786	-1.0781375	NaN	-0.6280274
## [1084,]	-0.9526279656	1.056212782	0.1228189	NaN	-0.6280274
## [1085,]	0.1232102872	-0.284513104	-0.6778187	NaN	1.5912040
## [1086,]	-0.5137964098	-1.427003192	-0.6778187	NaN	-0.6280274
## [1087,]	1.6797241504	1.424164275	-0.6778187	NaN	1.5912040
## [1088,]	-0.8910301190	-1.316294609	-1.0781375	NaN	1.5912040
## [1089,]	-0.3530047894	1.368248011	0.5231377	NaN	-0.6280274
## [1090,]	-0.4711027298	-1.585057956	-0.6778187	NaN	-0.6280274
## [1091,]	0.6822638472	-0.986978726	0.1228189	NaN	-0.6280274
## [1092,]	-0.4636685070	1.382297324	-0.6778187	NaN	-0.6280274
## [1093,]	-0.9284136397	-1.366731641	0.5231377	NaN	-0.6280274
## [1094,]	0.7691380517	0.603824921	-0.2774999	NaN	1.5912040
## [1095,]	-0.2187639649	0.706946875	-1.0781375	NaN	-0.6280274
## [1096,]	-0.2752640587	1.213284095	-0.6778187	NaN	1.5912040
## [1097,]	2.1100594515	0.431018378	-0.6778187	NaN	1.5912040
## [1098,]	-0.8935789954	-0.600903620	-1.0781375	NaN	-0.6280274
## [1099,]	-0.5169825053	-0.768792904	0.1228189	NaN	1.5912040
## [1100,]	0.1992517669	0.930049956	-0.6778187	NaN	-0.6280274
## [1101,]	-0.8651165421	1.670589215	-1.0781375	NaN	-0.6280274
## [1102,]	-0.1327393860	0.184171959	0.1228189	NaN	-0.6280274
## [1103,]	-0.8196615794	0.377630991	0.1228189	NaN	1.5912040
## [1104,]	-0.0135794136	-0.087120264	2.1244130	NaN	-0.6280274
## [1105,]	-0.8606560084	1.132781535	1.3237753	NaN	-0.6280274
## [1106,]	-0.0235625129	-0.523210922	-0.2774999	NaN	-0.6280274
## [1107,]	0.6820514409	-1.263047715	-0.6778187	NaN	-0.6280274
## [1108,]	-0.0904705188	0.070372528	0.1228189	NaN	-0.6280274
## [1109,]	-0.8608684147	1.042163469	-0.6778187	NaN	-0.6280274
## [1110,]	0.5834948862	0.489744504	0.1228189	NaN	-0.6280274
## [1111,]	-0.9407332090	1.728893861	-0.6778187	NaN	1.5912040
## [1112,]	0.7786963382	0.042835876	-1.0781375	NaN	-0.6280274
## [1113,]	-0.3500311002	-0.935698736	0.5231377	NaN	-0.6280274
## [1114,]	-0.5131591907	1.525881297	0.5231377	NaN	-0.6280274
## [1115,]	-0.8784981433	0.311458730	2.1244130	NaN	-0.6280274
## [1116,]	-0.7499922908	1.088526201	-0.6778187	NaN	-0.6280274
## [1117,]	2.7789271037	1.225647490	-0.6778187	NaN	-0.6280274
## [1118,]	-0.2164274949	-0.183358054	2.5247318	NaN	-0.6280274

## [1119,]	-0.9434944918	-0.446782663	-0.6778187	NaN	-0.6280274
## [1120,]	0.7266567781	-0.275100065	-1.0781375	NaN	-0.6280274
## [1121,]	-0.4895820838	0.290244268	-0.2774999	NaN	-0.6280274
## [1122,]	0.0662853807	1.002263422	1.3237753	NaN	-0.6280274
## [1123,]	-0.3780687408	0.266922409	-0.6778187	NaN	1.5912040
## [1124,]	-0.0766641049	-1.417590152	0.1228189	NaN	1.5912040
## [1125,]	0.3683272357	-1.356475643	-0.2774999	NaN	-0.6280274
## [1126,]	0.4991695582	1.428800548	-0.6778187	NaN	-0.6280274
## [1127,]	2.7247634799	0.731392678	0.5231377	NaN	1.5912040
## [1128,]	-0.9409456154	-0.208927803	-0.2774999	NaN	-0.6280274
## [1129,]	-0.1998597982	0.758367358	0.1228189	NaN	1.5912040
## [1130,]	2.7846620756	1.692787128	2.1244130	NaN	-0.6280274
## [1131,]	-0.6575955208	1.550327100	-0.6778187	NaN	-0.6280274
## [1132,]	-0.3058505757	0.143147967	-0.6778187	NaN	-0.6280274
## [1133,]	-0.3959108756	-0.428659050	-0.6778187	NaN	-0.6280274
## [1134,]	-0.3455705665	-1.188305373	0.9234565	NaN	-0.6280274
## [1135,]	-0.8098908865	-0.927269148	-0.6778187	NaN	-0.6280274
## [1136,]	2.3500786471	-1.567496316	-0.6778187	NaN	-0.6280274
## [1137,]	-0.8697894822	-0.981920973	-0.6778187	NaN	1.5912040
## [1138,]	-0.7835524969	-0.564796887	-0.6778187	NaN	1.5912040
## [1139,]	1.0072455900	0.895769634	-0.2774999	NaN	1.5912040
## [1140,]	-0.6777741257	0.627989739	0.1228189	NaN	-0.6280274
## [1141,]	2.6648648842	-1.512282518	-1.0781375	NaN	1.5912040
## [1142,]	-0.9265019824	-1.259535387	-0.6778187	NaN	-0.6280274
## [1143,]	-0.1558916800	1.283249671	-0.6778187	NaN	1.5912040
## [1144,]	-0.4498620931	1.383702255	-0.6778187	NaN	-0.6280274
## [1145,]	-0.2487132628	1.024039856	1.7240942	NaN	-0.6280274
## [1146,]	-0.3908131228	-0.265827519	2.5247318	NaN	1.5912040
## [1147,]	-0.3778563344	0.377490498	-0.6778187	NaN	-0.6280274
## [1148,]	-0.6992271689	1.094286419	-0.6778187	NaN	-0.6280274
## [1149,]	-0.2391549762	-1.472101484	-0.2774999	NaN	-0.6280274
## [1150,]	-0.5176197244	0.277740380	-0.6778187	NaN	-0.6280274
## [1151,]	-0.2750516524	1.685762472	-0.6778187	NaN	-0.6280274
## [1152,]	-0.3453581601	0.863596708	-1.0781375	NaN	-0.6280274
## [1153,]	-0.7191933674	1.643193056	-0.6778187	NaN	-0.6280274
## [1154,]	-1.0479984248	0.576990735	-0.6778187	NaN	1.5912040
## [1155,]	2.7942203622	-1.277518507	0.1228189	NaN	-0.6280274
## [1156,]	-0.7293888731	-0.563532449	-1.0781375	NaN	-0.6280274
## [1157,]	0.8351964320	1.613829993	-0.6778187	NaN	-0.6280274
## [1158,]	-0.5002024022	-0.289851843	-0.6778187	NaN	-0.6280274
## [1159,]	-0.1561040864	1.711191728	0.1228189	NaN	-0.6280274
## [1160,]	-0.3103111094	-1.569744206	-1.0781375	NaN	-0.6280274
## [1161,]	-0.1556792737	-1.253915662	-0.6778187	NaN	-0.6280274
## [1162,]	0.2661597727	-0.016030743	0.1228189	NaN	1.5912040
## [1163,]	0.8077960106	1.013924351	2.5247318	NaN	-0.6280274
## [1164,]	-0.5452325522	-0.612564549	-0.6778187	NaN	-0.6280274
## [1165,]	0.3063045763	0.791664229	1.3237753	NaN	1.5912040
## [1166,]	-0.1614142456	-0.535293331	0.5231377	NaN	1.5912040
## [1167,]	1.8477375873	-1.223850134	-0.2774999	NaN	-0.6280274
## [1168,]	-0.2257733751	1.093724446	1.3237753	NaN	1.5912040
## [1169,]	-0.5826160729	0.408117999	-0.6778187	NaN	1.5912040
## [1170,]	-0.6342308203	1.148797751	1.7240942	NaN	-0.6280274
## [1171,]	-0.8332555869	-1.126207412	-0.2774999	NaN	-0.6280274
## [1172,]	-0.9211918232	-1.541786074	0.1228189	NaN	1.5912040

## [1173,]	-0.1346510433	1.278472905	2.5247318	NaN	-0.6280274
## [1174,]	0.3196861774	1.191226674	0.5231377	NaN	-0.6280274
## [1175,]	-0.2754764651	-1.312220309	-0.6778187	NaN	-0.6280274
## [1176,]	-0.2565722984	-0.930079011	0.5231377	NaN	-0.6280274
## [1177,]	2.1049616987	-1.519447667	0.1228189	NaN	-0.6280274
## [1178,]	1.4371560784	1.077286751	0.9234565	NaN	-0.6280274
## [1179,]	-0.7901370943	-0.149218225	-0.6778187	NaN	-0.6280274
## [1180,]	-0.2272602196	0.705120464	-0.6778187	NaN	-0.6280274
## [1181,]	-0.9536899975	-0.472492904	-0.2774999	NaN	-0.6280274
## [1182,]	1.5852033167	-0.373866731	-0.2774999	NaN	1.5912040
## [1183,]	-0.4521985631	0.154246923	-1.0781375	NaN	-0.6280274
## [1184,]	0.0720203526	1.685200500	1.3237753	NaN	-0.6280274
## [1185,]	2.3201293493	0.614221413	0.1228189	NaN	-0.6280274
## [1186,]	2.3577252764	-1.515654353	-0.6778187	NaN	-0.6280274
## [1187,]	-0.4082304450	-0.547797219	0.1228189	NaN	1.5912040
## [1188,]	-0.3755198643	-0.624646958	1.7240942	NaN	-0.6280274
## [1189,]	-0.4919185539	-1.539397691	-0.6778187	NaN	1.5912040
## [1190,]	-0.2119669611	-1.460019076	-0.6778187	NaN	-0.6280274
## [1191,]	-0.2194011840	1.574210932	-1.0781375	NaN	-0.6280274
## [1192,]	-0.2181267458	1.162706570	-0.6778187	NaN	-0.6280274
## [1193,]	-0.8317687424	1.493146399	0.5231377	NaN	1.5912040
## [1194,]	-0.8629924784	1.336496565	-0.6778187	NaN	-0.6280274
## [1195,]	2.0112904905	0.951545404	1.3237753	NaN	-0.6280274
## [1196,]	1.8853335144	1.133905480	0.5231377	NaN	-0.6280274
## [1197,]	0.1229978809	-0.382436812	0.1228189	NaN	1.5912040
## [1198,]	-0.8018194445	0.950983432	-0.6778187	NaN	-0.6280274
## [1199,]	-0.2410666335	0.255261480	-0.6778187	NaN	1.5912040
## [1200,]	-0.2455271673	-0.968574127	1.3237753	NaN	-0.6280274
## [1201,]	-0.7026256707	-1.425457767	0.5231377	NaN	1.5912040
## [1202,]	-0.5339750147	0.881298842	-0.6778187	NaN	1.5912040
## [1203,]	-0.6790485639	1.666655407	1.7240942	NaN	-0.6280274
## [1204,]	0.1066425905	-1.525067392	0.1228189	NaN	-0.6280274
## [1205,]	-0.8173251093	-0.361503336	-0.2774999	NaN	1.5912040
## [1206,]	-1.0853819455	1.480642511	-0.6778187	NaN	-0.6280274
## [1207,]	-0.8353796506	-0.335512108	-0.6778187	NaN	-0.6280274
## [1208,]	-0.6299826930	1.323992677	0.9234565	NaN	-0.6280274
## [1209,]	-0.5346122338	-0.337338519	-0.6778187	NaN	-0.6280274
## [1210,]	0.9303544848	0.864580160	0.1228189	NaN	-0.6280274
## [1211,]	-0.9505039019	-0.094987879	-0.6778187	NaN	-0.6280274
## [1212,]	0.6419066374	-0.932326901	-0.6778187	NaN	-0.6280274
## [1213,]	-0.7591257646	0.846456547	-0.6778187	NaN	-0.6280274
## [1214,]	-0.8980395291	1.515906285	-0.6778187	NaN	1.5912040
## [1215,]	0.2922857560	0.069810556	-0.6778187	NaN	1.5912040
## [1216,]	-0.3341006226	-0.048203669	-1.0781375	NaN	1.5912040
## [1217,]	0.2854887522	-1.158239845	-0.6778187	NaN	1.5912040
## [1218,]	-0.4464635912	0.464034263	-0.6778187	NaN	-0.6280274
## [1219,]	0.5815832289	0.218592774	-0.6778187	NaN	-0.6280274
## [1220,]	-0.7495674780	1.559318660	2.5247318	NaN	-0.6280274
## [1221,]	-0.4250105480	-0.965764264	0.1228189	NaN	-0.6280274
## [1222,]	0.9016796252	-1.533918459	0.1228189	NaN	-0.6280274
## [1223,]	-1.0509721139	-0.383279770	-0.6778187	NaN	-0.6280274
## [1224,]	1.3664247579	1.383983241	1.7240942	NaN	-0.6280274
## [1225,]	-0.8916673381	-1.137446862	-0.6778187	NaN	-0.6280274
## [1226,]	2.1667719517	0.394209180	-0.6778187	NaN	-0.6280274

## [1227,]	-0.6520729552	0.428068023	1.3237753	NaN	-0.6280274
## [1228,]	-0.6427270750	0.532454414	-0.6778187	NaN	-0.6280274
## [1229,]	-0.0154910709	0.910521412	1.3237753	NaN	-0.6280274
## [1230,]	0.0027758767	-1.302666776	-0.2774999	NaN	1.5912040
## [1231,]	-0.5513923369	-1.502026520	-0.6778187	NaN	-0.6280274
## [1232,]	-0.1998597982	-0.648530789	1.3237753	NaN	-0.6280274
## [1233,]	0.0807290137	-1.287212533	-0.2774999	NaN	-0.6280274
## [1234,]	-0.7733569912	-1.475473319	-0.6778187	NaN	-0.6280274
## [1235,]	-0.3239051170	-1.514108929	1.7240942	NaN	-0.6280274
## [1236,]	0.8209652054	-1.224693092	0.5231377	NaN	1.5912040
## [1237,]	-0.0783633558	-0.794503146	0.9234565	NaN	1.5912040
## [1238,]	0.0492928712	-0.304322635	1.3237753	NaN	-0.6280274
## [1239,]	-0.6813850340	-0.203870051	-0.6778187	NaN	-0.6280274
## [1240,]	-0.2686794613	-1.073803477	-0.2774999	NaN	-0.6280274
## [1241,]	-0.0065700035	-0.747999921	-0.6778187	NaN	1.5912040
## [1242,]	0.6599611786	-1.471399019	0.1228189	NaN	-0.6280274
## [1243,]	2.8313914765	-1.399888019	-0.6778187	NaN	-0.6280274
## [1244,]	0.6909725083	-1.084340461	0.5231377	NaN	-0.6280274
## [1245,]	-0.3260291806	1.701919182	-1.0781375	NaN	-0.6280274
## [1246,]	-0.9256523569	-1.716278535	-1.0781375	NaN	-0.6280274
## [1247,]	-0.9182181340	-0.643613530	1.3237753	NaN	-0.6280274
## [1248,]	0.3914795297	0.931454887	-0.6778187	NaN	-0.6280274
## [1249,]	-0.6495240788	-1.146578915	-0.6778187	NaN	-0.6280274
## [1250,]	-0.7950224407	0.044521793	-0.6778187	NaN	-0.6280274
## [1251,]	-0.0443783370	1.228878832	2.1244130	NaN	1.5912040
## [1252,]	0.1353174502	-1.577049848	-0.2774999	NaN	-0.6280274
## [1253,]	-0.7584885455	-1.226098024	-1.0781375	NaN	1.5912040
## [1254,]	-0.2880084408	-0.508037665	2.1244130	NaN	-0.6280274
## [1255,]	-0.4239485162	-0.860113435	0.1228189	NaN	-0.6280274
## [1256,]	0.4377841179	-0.593036005	-0.2774999	NaN	1.5912040
## [1257,]	-0.8570451001	0.231799128	0.5231377	NaN	-0.6280274
## [1258,]	0.3521843517	0.658757733	-0.2774999	NaN	-0.6280274
## [1259,]	-0.9332989862	-0.604977921	-0.6778187	NaN	-0.6280274
## [1260,]	-0.2567847047	-0.728471377	0.1228189	NaN	-0.6280274
## [1261,]	-0.8039435082	0.472182864	-0.2774999	NaN	-0.6280274
## [1262,]	-0.1469706126	1.436668163	0.1228189	NaN	1.5912040
## [1263,]	-0.8636296975	0.178973713	2.5247318	NaN	1.5912040
## [1264,]	-0.7937480025	-0.753198167	2.1244130	NaN	-0.6280274
## [1265,]	2.6625284141	0.771573712	2.1244130	NaN	-0.6280274
## [1266,]	-0.7323625622	-1.140678204	0.9234565	NaN	-0.6280274
## [1267,]	-0.8950658400	0.872026296	-0.6778187	NaN	-0.6280274
## [1268,]	-0.5314261383	-0.281000776	-0.6778187	NaN	1.5912040
## [1269,]	1.3725845426	1.123228002	0.5231377	NaN	1.5912040
## [1270,]	-0.6295578802	-1.303790721	-1.0781375	NaN	-0.6280274
## [1271,]	-0.1006660244	1.551029566	0.9234565	NaN	-0.6280274
## [1272,]	-0.8122273565	-1.369260517	-0.6778187	NaN	-0.6280274
## [1273,]	-0.5949356423	0.289822788	-0.6778187	NaN	-0.6280274
## [1274,]	-0.8719135459	0.236856881	-0.6778187	NaN	1.5912040
## [1275,]	-0.2198259968	-0.128003763	-0.6778187	NaN	-0.6280274
## [1276,]	1.4046579041	1.218201354	-0.2774999	NaN	-0.6280274
## [1277,]	-0.4914937412	-0.774553122	-0.6778187	NaN	-0.6280274
## [1278,]	2.7241262608	-0.013361374	1.7240942	NaN	1.5912040
## [1279,]	0.3861693705	1.634763468	1.7240942	NaN	1.5912040
## [1280,]	-0.8838083025	-0.452542881	-0.6778187	NaN	1.5912040

## [1281,]	-0.5165576926	-0.208084844	-0.2774999	NaN	-0.6280274
## [1282,]	-0.1465457999	-0.115359382	-0.6778187	NaN	1.5912040
## [1283,]	-0.7136708019	-1.157256393	1.3237753	NaN	-0.6280274
## [1284,]	-0.9471054001	-1.233825145	-0.6778187	NaN	-0.6280274
## [1285,]	1.4785753201	-0.899030030	1.7240942	NaN	-0.6280274
## [1286,]	0.3160752692	1.524757352	2.1244130	NaN	-0.6280274
## [1287,]	-0.6639677118	1.586433833	0.5231377	NaN	-0.6280274
## [1288,]	-0.2049575510	-1.210643780	0.9234565	NaN	-0.6280274
## [1289,]	-0.1573785246	1.423040330	-0.2774999	NaN	-0.6280274
## [1290,]	-0.8307067105	-1.009317133	0.9234565	NaN	-0.6280274
## [1291,]	-0.2457395736	-1.138711300	0.5231377	NaN	-0.6280274
## [1292,]	-0.4863959883	-1.309550940	-0.6778187	NaN	-0.6280274
## [1293,]	-0.5046629360	0.684889454	-0.2774999	NaN	-0.6280274
## [1294,]	-0.8634172912	1.498344644	0.5231377	NaN	-0.6280274
## [1295,]	0.0779677309	0.170965605	0.1228189	NaN	-0.6280274
## [1296,]	0.8377453085	1.706274468	-1.0781375	NaN	1.5912040
## [1297,]	0.6720683416	-1.626081949	2.5247318	NaN	-0.6280274
## [1298,]	-0.9250151378	-1.043035483	-1.0781375	NaN	1.5912040
## [1299,]	0.5146752231	-0.487666162	0.5231377	NaN	-0.6280274
## [1300,]	0.0021386576	-0.738024910	0.5231377	NaN	-0.6280274
## [1301,]	0.0628868788	1.097939240	-0.6778187	NaN	-0.6280274
## [1302,]	2.0790481218	1.161020653	0.5231377	NaN	-0.6280274
## [1303,]	-0.8067047910	-0.648671282	-1.0781375	NaN	-0.6280274
## [1304,]	0.8135309825	0.696550383	2.1244130	NaN	1.5912040
## [1305,]	-0.4364804919	-0.500872516	-0.2774999	NaN	-0.6280274
## [1306,]	0.0745692290	0.194287464	0.5231377	NaN	-0.6280274
## [1307,]	0.6656961506	-0.848031026	-0.2774999	NaN	-0.6280274
## [1308,]	-0.6185127491	-0.223960567	-0.6778187	NaN	-0.6280274
## [1309,]	-0.2332075979	-1.414639797	-0.2774999	NaN	1.5912040
## [1310,]	-0.3863525891	-0.728892856	-0.6778187	NaN	-0.6280274
## [1311,]	1.9719953124	1.027130705	-0.2774999	NaN	1.5912040
## [1312,]	-1.0596807750	-0.884418745	-0.6778187	NaN	-0.6280274
## [1313,]	-0.7533907926	1.009007092	-1.0781375	NaN	-0.6280274
## [1314,]	-0.8852951470	-1.567355823	0.5231377	NaN	1.5912040
## [1315,]	-0.2865215962	0.751904675	0.5231377	NaN	-0.6280274
## [1316,]	0.0975091167	0.738979307	0.5231377	NaN	1.5912040
## [1317,]	-0.1758578786	0.693038055	-0.6778187	NaN	-0.6280274
## [1318,]	-0.8759492669	0.774524068	-1.0781375	NaN	1.5912040
## [1319,]	-0.5715709418	-1.027019266	-0.6778187	NaN	-0.6280274
## [1320,]	-0.3939992183	1.652465602	2.1244130	NaN	-0.6280274
## [1321,]	-0.7576389200	-1.145314477	0.1228189	NaN	-0.6280274
## [1322,]	-0.9341486116	-1.250684320	0.5231377	NaN	-0.6280274
## [1323,]	0.4407578071	0.797424447	0.1228189	NaN	-0.6280274
## [1324,]	-0.8064923846	-0.536557769	-0.6778187	NaN	-0.6280274
## [1325,]	-0.0252617639	0.959553512	2.1244130	NaN	-0.6280274
## [1326,]	-0.5384355484	-0.096814290	0.5231377	NaN	-0.6280274
## [1327,]	0.7230458699	1.668060339	1.7240942	NaN	1.5912040
## [1328,]	1.4278101982	-0.923616327	-0.2774999	NaN	-0.6280274
## [1329,]	-0.6293454738	-1.024911870	-0.6778187	NaN	-0.6280274
## [1330,]	-0.7856765605	0.157478265	-0.6778187	NaN	-0.6280274
## [1331,]	2.7377202683	1.155681914	1.7240942	NaN	-0.6280274
## [1332,]	2.7957072067	-0.102574508	0.5231377	NaN	-0.6280274
## [1333,]	-0.8632048848	0.061802448	-0.6778187	NaN	1.5912040
## [1334,]	0.1722761582	-0.042443451	0.9234565	NaN	-0.6280274

## [1335,]	-0.3672360160	1.339025441	-1.0781375	NaN	-0.6280274
## [1336,]	-0.5524543687	-1.288617464	2.1244130	NaN	-0.6280274
## [1337,]	-0.8158382648	-0.890459950	2.1244130	NaN	-0.6280274
## [1338,]	-0.7746314294	-1.492192001	-0.6778187	NaN	-0.6280274
## [1339,]	-1.1516527322	0.239666743	-0.6778187	NaN	-0.6280274
## [1340,]	-0.8561954746	1.654853985	-0.6778187	NaN	1.5912040
## [1341,]	-0.1762826914	-1.159504283	-0.6778187	NaN	1.5912040
## [1342,]	-0.4897944902	0.605651332	-0.6778187	NaN	-0.6280274
## [1343,]	0.6818390345	1.423321316	-0.2774999	NaN	1.5912040
## [1344,]	-0.9432820854	0.712426107	0.1228189	NaN	-0.6280274
## [1345,]	-0.4713151362	-0.101872042	0.9234565	NaN	1.5912040
## [1346,]	-0.3642623268	1.555946825	-1.0781375	NaN	1.5912040
## [1347,]	-0.1267920077	1.345207139	-1.0781375	NaN	-0.6280274
## [1348,]	-0.5558528706	-1.417590152	-0.6778187	NaN	-0.6280274
## [1349,]	2.1920483095	0.657212309	-0.2774999	NaN	-0.6280274
## [1350,]	-0.7582761391	0.083578882	-0.6778187	NaN	1.5912040
## [1351,]	-0.0006226252	1.782000262	-1.0781375	NaN	-0.6280274
## [1352,]	2.2666029446	-1.668510872	0.1228189	NaN	-0.6280274
## [1353,]	-0.3122227667	-0.695315000	-0.2774999	NaN	-0.6280274
## [1354,]	-0.8912425253	0.020637962	-0.6778187	NaN	1.5912040
## [1355,]	-0.8317687424	-0.569292667	-0.6778187	NaN	-0.6280274
## [1356,]	-0.2115421484	0.352482722	-0.2774999	NaN	-0.6280274
## [1357,]	-0.4481628421	1.760083335	0.9234565	NaN	-0.6280274
## [1358,]	1.4539361814	0.074306336	2.5247318	NaN	-0.6280274
## [1359,]	0.0170071033	0.815126580	-0.2774999	NaN	1.5912040
## [1360,]	0.3398647824	0.306541470	0.1228189	NaN	1.5912040
## [1361,]	-0.5363114848	0.241352661	2.1244130	NaN	-0.6280274
## [1362,]	-0.8409022162	-1.013110447	-1.0781375	NaN	-0.6280274
## [1363,]	-0.2344820361	0.027803111	0.5231377	NaN	-0.6280274
## [1364,]	-0.2157902758	-0.548359192	-0.6778187	NaN	-0.6280274
## [1365,]	0.0703211016	0.694302494	-0.6778187	NaN	1.5912040
## [1366,]	-1.1495286686	-0.515764787	-0.6778187	NaN	-0.6280274
## [1367,]	-0.1629010902	-1.450746530	1.3237753	NaN	-0.6280274
## [1368,]	-0.9084474411	-1.157677872	-0.6778187	NaN	-0.6280274
## [1369,]	-0.1605646201	1.711613207	-0.6778187	NaN	1.5912040
## [1370,]	0.7117883324	1.269902824	0.1228189	NaN	1.5912040
## [1371,]	-0.2200384031	-1.712344727	2.1244130	NaN	-0.6280274
## [1372,]	-0.2385177571	0.845051616	0.5231377	NaN	-0.6280274
## [1373,]	-0.2871588153	-0.280719790	-0.6778187	NaN	-0.6280274
## [1374,]	-0.9282012333	0.534140332	-0.6778187	NaN	1.5912040
## [1375,]	2.4154998084	-0.358552981	0.5231377	NaN	1.5912040
## [1376,]	-0.8646917294	0.141181063	0.1228189	NaN	1.5912040
## [1377,]	-0.3678732351	-0.002824390	-0.2774999	NaN	-0.6280274
## [1378,]	2.6886543974	-0.080798074	0.1228189	NaN	-0.6280274
## [1379,]	-0.3007528229	-1.603462556	0.1228189	NaN	1.5912040
## [1380,]	-0.7731445848	0.736450431	-0.6778187	NaN	-0.6280274
## [1381,]	-0.2000722045	0.233485046	-1.0781375	NaN	-0.6280274
## [1382,]	-0.9258647633	-1.712766206	-0.6778187	NaN	-0.6280274
## [1383,]	-0.7302384985	-1.449622585	-0.6778187	NaN	1.5912040
## [1384,]	-0.7844021223	-0.713017133	-0.6778187	NaN	-0.6280274
## [1385,]	0.7190101489	-1.059754164	-0.6778187	NaN	-0.6280274
## [1386,]	0.4513781255	1.208366836	-0.6778187	NaN	-0.6280274
## [1387,]	-0.7722949594	0.799812830	-1.0781375	NaN	-0.6280274
## [1388,]	-0.2400046017	-1.136322917	-1.0781375	NaN	-0.6280274

## [1389,]	0.0348492382	0.313144647	0.9234565	NaN	-0.6280274
## [1390,]	-0.3185949578	-1.200106796	-0.6778187	NaN	-0.6280274
## [1391,]	-0.8784981433	0.627427766	0.9234565	NaN	-0.6280274
## [1392,]	-0.7742066167	-0.399015000	0.5231377	NaN	-0.6280274
## [1393,]	-0.2759012778	-0.102153029	-0.6778187	NaN	1.5912040
## [1394,]	-0.5093358760	-1.294518175	-0.6778187	NaN	-0.6280274
## [1395,]	0.6746172180	-0.586573321	2.1244130	NaN	-0.6280274
## [1396,]	-0.1881774480	0.949999980	-0.6778187	NaN	1.5912040
## [1397,]	0.8379577148	-1.189991291	1.3237753	NaN	1.5912040
## [1398,]	-0.7659227683	1.146549861	0.1228189	NaN	-0.6280274
## [1399,]	-0.1136228129	0.529082579	-0.6778187	NaN	-0.6280274
## [1400,]	0.2139078063	0.359647871	-0.6778187	NaN	-0.6280274
## [1401,]	-0.7459565698	-1.276956535	-1.0781375	NaN	1.5912040
## [1402,]	2.7895474221	1.615375417	0.5231377	NaN	1.5912040
## [1403,]	-1.1414572266	0.452794813	-0.6778187	NaN	1.5912040
## [1404,]	1.4524493368	1.515203819	-1.0781375	NaN	-0.6280274
## [1405,]	-0.4611196306	0.069951049	-0.6778187	NaN	-0.6280274
## [1406,]	0.9617906273	1.763033691	0.5231377	NaN	-0.6280274
## [1407,]	-0.4381797428	1.529253132	1.3237753	NaN	1.5912040
## [1408,]	-0.4005838157	-0.027129700	-0.6778187	NaN	-0.6280274
## [1409,]	-0.8190243603	-0.090070620	-0.6778187	NaN	-0.6280274
## [1410,]	-0.0382185523	1.761207280	-0.6778187	NaN	-0.6280274
## [1411,]	-0.1754330659	-1.412672893	0.1228189	NaN	-0.6280274
## [1412,]	-0.9167312895	0.750499743	0.5231377	NaN	-0.6280274
## [1413,]	-0.5851649493	-1.438102148	-0.6778187	NaN	-0.6280274
## [1414,]	-0.5365238911	-0.985573795	1.3237753	NaN	1.5912040
## [1415,]	0.4524401573	-0.172680577	-0.2774999	NaN	-0.6280274
## [1416,]	-0.9547520293	0.860646353	-0.6778187	NaN	-0.6280274
## [1417,]	-0.4381797428	-0.938087119	-1.0781375	NaN	-0.6280274
## [1418,]	-0.7298136858	-1.112720072	-1.0781375	NaN	-0.6280274
## [1419,]	-0.2510497328	-0.004088828	-0.2774999	NaN	-0.6280274
## [1420,]	-0.2321455661	-0.438915048	1.3237753	NaN	1.5912040
## [1421,]	-0.7903495006	0.997346163	0.1228189	NaN	-0.6280274
## [1422,]	1.1584789238	0.409944410	-1.0781375	NaN	-0.6280274
## [1423,]	-0.8162630775	0.831564276	1.7240942	NaN	1.5912040
## [1424,]	-0.6643925245	0.465158208	-1.0781375	NaN	-0.6280274
## [1425,]	-0.2984163528	0.616047823	-0.6778187	NaN	-0.6280274
## [1426,]	-0.3451457537	1.031205006	-1.0781375	NaN	1.5912040
## [1427,]	-0.7786671504	0.225617431	-0.6778187	NaN	-0.6280274
## [1428,]	-0.8702142949	-1.440490531	2.1244130	NaN	-0.6280274
## [1429,]	-0.8993139673	0.521355457	-1.0781375	NaN	-0.6280274
## [1430,]	-0.5086986569	-1.260659332	1.7240942	NaN	-0.6280274
## [1431,]	1.4237744772	-1.536587829	0.1228189	NaN	-0.6280274
## [1432,]	0.8324351493	1.365438149	-0.6778187	NaN	-0.6280274
## [1433,]	1.5380491031	0.162676511	-0.6778187	NaN	1.5912040
## [1434,]	-0.3389859691	-0.088384702	-1.0781375	NaN	1.5912040
## [1435,]	-0.6416650432	0.769185329	-0.2774999	NaN	-0.6280274
## [1436,]	-0.8638421039	-0.125193901	1.3237753	NaN	1.5912040
## [1437,]	-0.8757368605	1.568731700	-0.6778187	NaN	1.5912040
## [1438,]	2.7460041167	0.138933173	-0.2774999	NaN	-0.6280274
## [1439,]	-1.0010566175	1.776240044	-0.6778187	NaN	-0.6280274
## [1440,]	0.2423702596	-0.227332402	-1.0781375	NaN	-0.6280274
## [1441,]	-0.2914069427	-0.719479817	1.7240942	NaN	-0.6280274
## [1442,]	-0.0418294605	1.675084995	-0.6778187	NaN	-0.6280274

##	[1443,]	-0.3644747332	1.659349765	2.5247318	NaN	1.5912040
##	[1444,]	2.6289682080	0.421324353	0.9234565	NaN	-0.6280274
##	[1445,]	-0.8844455216	-1.495844822	2.1244130	NaN	-0.6280274
##	[1446,]	1.5010903951	-1.218511395	-1.0781375	NaN	-0.6280274
##	[1447,]	0.0444075248	-0.749545346	-0.6778187	NaN	-0.6280274
##	[1448,]	-0.2329951916	-0.544706370	-0.6778187	NaN	-0.6280274
##	[1449,]	0.5172240995	-0.293083185	-0.2774999	NaN	-0.6280274
##	[1450,]	-0.8632048848	-0.425006228	-0.6778187	NaN	-0.6280274
##	[1451,]	0.4957710563	0.327193960	-0.6778187	NaN	1.5912040
##	[1452,]	-0.2463767927	-1.170462746	-0.6778187	NaN	-0.6280274
##	[1453,]	0.0478060267	-0.008163128	1.7240942	NaN	-0.6280274
##	[1454,]	0.0316631427	0.007853088	0.5231377	NaN	-0.6280274
##	[1455,]	-0.3510931320	1.267233455	2.1244130	NaN	-0.6280274
##	[1456,]	-0.7846145287	-1.628048852	-0.2774999	NaN	-0.6280274
##	[1457,]	-0.1728841895	1.444395285	-0.6778187	NaN	1.5912040
##	[1458,]	-0.9562388739	-0.247844399	-0.2774999	NaN	-0.6280274
##	[1459,]	-0.7489302589	-0.753198167	-0.6778187	NaN	-0.6280274
##	[1460,]	-0.5263283855	1.315844076	0.5231377	NaN	1.5912040
##	[1461,]	-0.5773059137	-0.818246484	-0.6778187	NaN	-0.6280274
##	[1462,]	0.9241947002	0.319326345	0.5231377	NaN	1.5912040
##	[1463,]	1.1741969950	-0.770619314	-1.0781375	NaN	-0.6280274
##	[1464,]	0.7292056545	-1.478845154	-1.0781375	NaN	-0.6280274
##	[1465,]	-0.7512667290	0.992569397	-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,]	-1.15016269	-0.426085	-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		
##	[12,]	-0.87693400	-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,]	-1.15016269	-0.426085	0.2661420		
##	[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
##	[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
##	[120,]	-0.87693400	-0.426085	1.1910327
##	[121,]	2.67503902	2.345353	0.2661420
##	[122,]	-0.60370530	-0.426085	-1.5836393
##	[123,]	0.76243816	-0.426085	-1.5836393
##	[124,]	-0.60370530	-0.426085	0.2661420
##	[125,]	0.76243816	-0.426085	-0.6587487
##	[126,]	1.03566686	-0.426085	0.2661420
##	[127,]	-0.87693400	-0.426085	1.1910327
##	[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

##	[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
##	[147,]	-0.60370530	-0.426085	1.1910327
##	[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
##	[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
##	[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
##	[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	-0.426085	-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
##	[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
##	[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	0.2661420
##	[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,]	-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	0.2661420
## [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	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
## [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
## [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
## [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
## [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
## [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
## [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
## [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
## [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	-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

##	[1430,]	-0.60370530	-0.426085	-1.5836393	
##	[1431,]	-0.87693400	-0.426085	-1.5836393	
##	[1432,]	1.03566686	-0.426085	0.2661420	
##	[1433,]	2.67503902	2.345353	-1.5836393	
##	[1434,]	1.85535294	2.345353	-0.6587487	
##	[1435,]	-0.05724792	-0.426085	-0.6587487	
##	[1436,]	-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	
##	[1442,]	1.58212424	2.345353	-1.5836393	
##	[1443,]	-0.33047661	-0.426085	-0.6587487	
##	[1444,]	-1.15016269	-0.426085	-1.5836393	
##	[1445,]	-1.15016269	-0.426085	1.1910327	
##	[1446,]	2.12858163	2.345353	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,]	0.21598078	-0.426085	0.2661420	
##	[1452,]	-1.15016269	-0.426085	0.2661420	
##	[1453,]	-0.87693400	-0.426085	1.1910327	
##	[1454,]	-0.60370530	-0.426085	-1.5836393	
##	[1455,]	-0.05724792	-0.426085	0.2661420	
##	[1456,]	-0.33047661	-0.426085	1.1910327	
##	[1457,]	-0.33047661	-0.426085	1.1910327	
##	[1458,]	-0.33047661	-0.426085	-0.6587487	
##	[1459,]	-0.87693400	-0.426085	1.1910327	
##	[1460,]	-0.60370530	-0.426085	-1.5836393	
##	[1461,]	-0.33047661	-0.426085	-0.6587487	
##	[1462,]	-0.60370530	-0.426085	-0.6587487	
##	[1463,]	-1.15016269	-0.426085	-1.5836393	
##	[1464,]	1.03566686	-0.426085	-0.6587487	
##	[1465,]	0.76243816	-0.426085	1.1910327	
##	[1466,]	0.48920947	-0.426085	0.2661420	
##	[1467,]	-0.05724792	-0.426085	-1.5836393	
##	[1468,]	1.30889555	2.345353	-0.6587487	
##	[1469,]	-0.33047661	-0.426085	1.1910327	
##	[1470,]	-0.87693400	-0.426085	-1.5836393	
##		StandardHours	StockOptionLevel	TotalWorkingYears	TrainingTimesLastYear
##	[1,]	NaN	-0.9316973	-0.42149902	-2.1712429
##	[2,]	NaN	0.2419060	-0.16445544	0.1556541
##	[3,]	NaN	-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
##	[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
##	[25,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[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
##	[39,]	NaN	0.2419060	-0.67854260	0.1556541
##	[40,]	NaN	1.4155093	-0.16445544	0.1556541
##	[41,]	NaN	0.2419060	-1.32115156	0.1556541
##	[42,]	NaN	0.2419060	-1.32115156	2.4825512
##	[43,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[44,]	NaN	-0.9316973	-0.29297723	-2.1712429
##	[45,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[46,]	NaN	-0.9316973	1.50632785	-2.1712429
##	[47,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[48,]	NaN	-0.9316973	-0.42149902	-1.3956106
##	[49,]	NaN	-0.9316973	0.34963173	0.9312865
##	[50,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[51,]	NaN	-0.9316973	1.50632785	-0.6199782
##	[52,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[53,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[54,]	NaN	0.2419060	-0.16445544	0.1556541
##	[55,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[56,]	NaN	-0.9316973	0.47815352	-1.3956106
##	[57,]	NaN	0.2419060	-0.29297723	0.1556541
##	[58,]	NaN	0.2419060	-0.93558618	0.1556541
##	[59,]	NaN	0.2419060	-0.16445544	0.1556541
##	[60,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[61,]	NaN	0.2419060	-0.29297723	0.1556541
##	[62,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[63,]	NaN	0.2419060	2.27745860	-0.6199782
##	[64,]	NaN	-0.9316973	2.14893681	0.1556541
##	[65,]	NaN	2.5891126	0.73519711	-0.6199782
##	[66,]	NaN	2.5891126	1.24928427	-0.6199782

##	[67,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[68,]	NaN	0.2419060	1.76337144	-0.6199782
##	[69,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[70,]	NaN	0.2419060	-1.19262977	-2.1712429
##	[71,]	NaN	-0.9316973	1.12076248	-0.6199782
##	[72,]	NaN	0.2419060	-0.67854260	0.1556541
##	[73,]	NaN	-0.9316973	-1.32115156	0.9312865
##	[74,]	NaN	1.4155093	-0.16445544	0.1556541
##	[75,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[76,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[77,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[78,]	NaN	-0.9316973	0.73519711	0.1556541
##	[79,]	NaN	-0.9316973	0.60667531	0.1556541
##	[80,]	NaN	0.2419060	0.60667531	-0.6199782
##	[81,]	NaN	1.4155093	-0.16445544	-1.3956106
##	[82,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[83,]	NaN	0.2419060	1.63484965	0.9312865
##	[84,]	NaN	2.5891126	0.73519711	0.1556541
##	[85,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[86,]	NaN	-0.9316973	3.30563293	0.1556541
##	[87,]	NaN	0.2419060	-1.06410798	0.1556541
##	[88,]	NaN	1.4155093	-0.16445544	0.9312865
##	[89,]	NaN	2.5891126	-0.03593364	0.1556541
##	[90,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[91,]	NaN	0.2419060	1.37780606	0.1556541
##	[92,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[93,]	NaN	2.5891126	-0.03593364	0.9312865
##	[94,]	NaN	0.2419060	1.24928427	1.7069188
##	[95,]	NaN	-0.9316973	0.09258815	-2.1712429
##	[96,]	NaN	0.2419060	0.60667531	1.7069188
##	[97,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[98,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[99,]	NaN	-0.9316973	3.43415473	-1.3956106
##	[100,]	NaN	0.2419060	0.73519711	0.1556541
##	[101,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[102,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[103,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[104,]	NaN	-0.9316973	0.60667531	0.1556541
##	[105,]	NaN	0.2419060	0.73519711	-0.6199782
##	[106,]	NaN	0.2419060	2.40598039	0.1556541
##	[107,]	NaN	-0.9316973	2.14893681	-1.3956106
##	[108,]	NaN	-0.9316973	-0.67854260	-1.3956106
##	[109,]	NaN	1.4155093	-1.19262977	-0.6199782
##	[110,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[111,]	NaN	-0.9316973	1.50632785	-1.3956106
##	[112,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[113,]	NaN	-0.9316973	1.50632785	0.1556541
##	[114,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[115,]	NaN	0.2419060	0.09258815	0.1556541
##	[116,]	NaN	-0.9316973	0.09258815	0.1556541
##	[117,]	NaN	-0.9316973	0.34963173	2.4825512
##	[118,]	NaN	0.2419060	-0.16445544	2.4825512
##	[119,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[120,]	NaN	1.4155093	1.76337144	0.1556541

##	[121,]	NaN	2.5891126	-0.16445544	-0.6199782
##	[122,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[123,]	NaN	2.5891126	-0.55002081	-0.6199782
##	[124,]	NaN	-0.9316973	1.50632785	1.7069188
##	[125,]	NaN	-0.9316973	0.09258815	0.1556541
##	[126,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[127,]	NaN	0.2419060	3.69119831	0.1556541
##	[128,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[129,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[130,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[131,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[132,]	NaN	-0.9316973	0.60667531	0.1556541
##	[133,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[134,]	NaN	0.2419060	0.09258815	-0.6199782
##	[135,]	NaN	0.2419060	-0.42149902	0.1556541
##	[136,]	NaN	1.4155093	-0.55002081	-2.1712429
##	[137,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[138,]	NaN	0.2419060	0.73519711	-1.3956106
##	[139,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[140,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[141,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[142,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[143,]	NaN	-0.9316973	0.99224069	-0.6199782
##	[144,]	NaN	-0.9316973	-0.80706439	0.9312865
##	[145,]	NaN	2.5891126	-0.29297723	-0.6199782
##	[146,]	NaN	0.2419060	-0.42149902	0.1556541
##	[147,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[148,]	NaN	0.2419060	1.24928427	-0.6199782
##	[149,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[150,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[151,]	NaN	0.2419060	1.12076248	-0.6199782
##	[152,]	NaN	1.4155093	-0.16445544	0.1556541
##	[153,]	NaN	0.2419060	0.22110994	0.1556541
##	[154,]	NaN	0.2419060	1.12076248	-0.6199782
##	[155,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[156,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[157,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[158,]	NaN	0.2419060	-0.29297723	0.1556541
##	[159,]	NaN	0.2419060	0.47815352	-0.6199782
##	[160,]	NaN	0.2419060	-0.67854260	0.1556541
##	[161,]	NaN	1.4155093	-1.19262977	2.4825512
##	[162,]	NaN	0.2419060	-0.67854260	-1.3956106
##	[163,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[164,]	NaN	0.2419060	0.09258815	-0.6199782
##	[165,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[166,]	NaN	-0.9316973	1.24928427	1.7069188
##	[167,]	NaN	0.2419060	0.22110994	-0.6199782
##	[168,]	NaN	0.2419060	0.09258815	-0.6199782
##	[169,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[170,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[171,]	NaN	0.2419060	-0.67854260	0.1556541
##	[172,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[173,]	NaN	-0.9316973	0.22110994	0.1556541
##	[174,]	NaN	1.4155093	0.09258815	0.9312865

##	[175,]	NaN	0.2419060	-0.29297723	0.1556541
##	[176,]	NaN	0.2419060	0.99224069	0.1556541
##	[177,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[178,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[179,]	NaN	2.5891126	1.63484965	-0.6199782
##	[180,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[181,]	NaN	0.2419060	-0.55002081	-2.1712429
##	[182,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[183,]	NaN	-0.9316973	-0.93558618	1.7069188
##	[184,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[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
##	[195,]	NaN	0.2419060	1.37780606	-1.3956106
##	[196,]	NaN	0.2419060	-0.42149902	0.1556541
##	[197,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[198,]	NaN	0.2419060	-0.03593364	1.7069188
##	[199,]	NaN	-0.9316973	0.34963173	0.1556541
##	[200,]	NaN	0.2419060	-0.29297723	0.1556541
##	[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
##	[206,]	NaN	2.5891126	-0.16445544	0.1556541
##	[207,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[208,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[209,]	NaN	0.2419060	-0.80706439	1.7069188
##	[210,]	NaN	0.2419060	0.73519711	0.1556541
##	[211,]	NaN	-0.9316973	0.34963173	-0.6199782
##	[212,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[213,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[214,]	NaN	1.4155093	0.60667531	1.7069188
##	[215,]	NaN	-0.9316973	-0.42149902	1.7069188
##	[216,]	NaN	-0.9316973	0.60667531	0.1556541
##	[217,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[218,]	NaN	-0.9316973	-0.55002081	-1.3956106
##	[219,]	NaN	-0.9316973	1.50632785	-0.6199782
##	[220,]	NaN	0.2419060	0.60667531	0.9312865
##	[221,]	NaN	-0.9316973	0.60667531	0.1556541
##	[222,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[223,]	NaN	2.5891126	-0.16445544	-1.3956106
##	[224,]	NaN	1.4155093	0.73519711	2.4825512
##	[225,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[226,]	NaN	0.2419060	-0.55002081	2.4825512
##	[227,]	NaN	0.2419060	0.22110994	-0.6199782
##	[228,]	NaN	0.2419060	-0.03593364	1.7069188

##	[229,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[230,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[231,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[232,]	NaN	-0.9316973	1.37780606	0.1556541
##	[233,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[234,]	NaN	0.2419060	2.66302398	0.1556541
##	[235,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[236,]	NaN	0.2419060	1.37780606	0.1556541
##	[237,]	NaN	-0.9316973	0.22110994	0.1556541
##	[238,]	NaN	-0.9316973	2.79154577	-0.6199782
##	[239,]	NaN	0.2419060	-0.67854260	1.7069188
##	[240,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[241,]	NaN	2.5891126	-0.55002081	-1.3956106
##	[242,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[243,]	NaN	1.4155093	0.73519711	-0.6199782
##	[244,]	NaN	1.4155093	-0.29297723	0.1556541
##	[245,]	NaN	0.2419060	1.76337144	-0.6199782
##	[246,]	NaN	0.2419060	-0.29297723	0.1556541
##	[247,]	NaN	0.2419060	-1.19262977	-0.6199782
##	[248,]	NaN	0.2419060	0.22110994	0.1556541
##	[249,]	NaN	0.2419060	0.73519711	-0.6199782
##	[250,]	NaN	0.2419060	-0.29297723	-1.3956106
##	[251,]	NaN	1.4155093	0.73519711	1.7069188
##	[252,]	NaN	-0.9316973	1.12076248	-1.3956106
##	[253,]	NaN	-0.9316973	-0.67854260	-1.3956106
##	[254,]	NaN	-0.9316973	-0.16445544	-1.3956106
##	[255,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[256,]	NaN	1.4155093	-0.80706439	0.1556541
##	[257,]	NaN	0.2419060	-0.16445544	0.9312865
##	[258,]	NaN	0.2419060	1.37780606	1.7069188
##	[259,]	NaN	-0.9316973	-1.32115156	-2.1712429
##	[260,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[261,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[262,]	NaN	0.2419060	0.22110994	-2.1712429
##	[263,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[264,]	NaN	0.2419060	2.14893681	-0.6199782
##	[265,]	NaN	-0.9316973	-0.80706439	1.7069188
##	[266,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[267,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[268,]	NaN	1.4155093	-0.67854260	-0.6199782
##	[269,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[270,]	NaN	0.2419060	0.60667531	0.9312865
##	[271,]	NaN	-0.9316973	3.30563293	-0.6199782
##	[272,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[273,]	NaN	0.2419060	-0.80706439	0.1556541
##	[274,]	NaN	0.2419060	-0.55002081	1.7069188
##	[275,]	NaN	-0.9316973	-1.06410798	0.9312865
##	[276,]	NaN	1.4155093	0.47815352	-0.6199782
##	[277,]	NaN	0.2419060	-0.16445544	2.4825512
##	[278,]	NaN	0.2419060	-0.42149902	0.1556541
##	[279,]	NaN	0.2419060	-0.67854260	2.4825512
##	[280,]	NaN	1.4155093	2.14893681	0.9312865
##	[281,]	NaN	2.5891126	1.24928427	1.7069188
##	[282,]	NaN	-0.9316973	1.12076248	0.1556541

##	[283,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[284,]	NaN	0.2419060	0.09258815	0.9312865
##	[285,]	NaN	0.2419060	-0.80706439	0.1556541
##	[286,]	NaN	-0.9316973	0.73519711	0.1556541
##	[287,]	NaN	0.2419060	0.99224069	-2.1712429
##	[288,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[289,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[290,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[291,]	NaN	-0.9316973	1.37780606	0.9312865
##	[292,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[293,]	NaN	0.2419060	-1.19262977	1.7069188
##	[294,]	NaN	-0.9316973	-0.42149902	-2.1712429
##	[295,]	NaN	2.5891126	-0.93558618	0.1556541
##	[296,]	NaN	0.2419060	1.50632785	-0.6199782
##	[297,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[298,]	NaN	1.4155093	0.09258815	0.1556541
##	[299,]	NaN	1.4155093	-0.93558618	-0.6199782
##	[300,]	NaN	0.2419060	0.22110994	0.1556541
##	[301,]	NaN	-0.9316973	1.37780606	-0.6199782
##	[302,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[303,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[304,]	NaN	0.2419060	-0.16445544	0.1556541
##	[305,]	NaN	2.5891126	0.99224069	1.7069188
##	[306,]	NaN	0.2419060	-0.03593364	0.1556541
##	[307,]	NaN	0.2419060	0.22110994	0.1556541
##	[308,]	NaN	0.2419060	0.99224069	-0.6199782
##	[309,]	NaN	0.2419060	0.09258815	-0.6199782
##	[310,]	NaN	0.2419060	-0.67854260	0.9312865
##	[311,]	NaN	-0.9316973	-0.29297723	-1.3956106
##	[312,]	NaN	0.2419060	1.63484965	-0.6199782
##	[313,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[314,]	NaN	1.4155093	0.09258815	-0.6199782
##	[315,]	NaN	-0.9316973	1.24928427	0.1556541
##	[316,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[317,]	NaN	-0.9316973	1.76337144	-0.6199782
##	[318,]	NaN	-0.9316973	-0.03593364	0.1556541
##	[319,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[320,]	NaN	-0.9316973	0.22110994	-0.6199782
##	[321,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[322,]	NaN	2.5891126	0.22110994	0.1556541
##	[323,]	NaN	-0.9316973	-0.16445544	-2.1712429
##	[324,]	NaN	-0.9316973	-0.80706439	0.9312865
##	[325,]	NaN	1.4155093	-0.03593364	-0.6199782
##	[326,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[327,]	NaN	0.2419060	1.24928427	-0.6199782
##	[328,]	NaN	-0.9316973	0.09258815	0.1556541
##	[329,]	NaN	-0.9316973	-0.29297723	2.4825512
##	[330,]	NaN	0.2419060	1.24928427	-0.6199782
##	[331,]	NaN	0.2419060	-0.29297723	0.1556541
##	[332,]	NaN	0.2419060	-0.67854260	-2.1712429
##	[333,]	NaN	-0.9316973	1.12076248	0.9312865
##	[334,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[335,]	NaN	1.4155093	0.09258815	0.1556541
##	[336,]	NaN	2.5891126	-0.67854260	-0.6199782

##	[337,]	NaN	-0.9316973	-0.55002081	0.9312865
##	[338,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[339,]	NaN	2.5891126	-0.16445544	-0.6199782
##	[340,]	NaN	0.2419060	-0.42149902	0.1556541
##	[341,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[342,]	NaN	0.2419060	0.09258815	0.1556541
##	[343,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[344,]	NaN	1.4155093	-0.55002081	-0.6199782
##	[345,]	NaN	-0.9316973	0.73519711	1.7069188
##	[346,]	NaN	1.4155093	-0.93558618	-0.6199782
##	[347,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[348,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[349,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[350,]	NaN	0.2419060	-0.93558618	0.1556541
##	[351,]	NaN	0.2419060	-0.93558618	1.7069188
##	[352,]	NaN	0.2419060	-0.42149902	0.9312865
##	[353,]	NaN	0.2419060	0.47815352	0.1556541
##	[354,]	NaN	1.4155093	0.22110994	-0.6199782
##	[355,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[356,]	NaN	0.2419060	-0.42149902	0.1556541
##	[357,]	NaN	-0.9316973	0.34963173	2.4825512
##	[358,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[359,]	NaN	-0.9316973	-0.55002081	2.4825512
##	[360,]	NaN	0.2419060	0.60667531	-0.6199782
##	[361,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[362,]	NaN	0.2419060	-0.16445544	0.1556541
##	[363,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[364,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[365,]	NaN	0.2419060	0.73519711	0.1556541
##	[366,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[367,]	NaN	-0.9316973	-0.42149902	1.7069188
##	[368,]	NaN	-0.9316973	1.12076248	-0.6199782
##	[369,]	NaN	1.4155093	-0.42149902	2.4825512
##	[370,]	NaN	-0.9316973	-1.06410798	1.7069188
##	[371,]	NaN	-0.9316973	-1.32115156	-2.1712429
##	[372,]	NaN	-0.9316973	-0.67854260	0.9312865
##	[373,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[374,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[375,]	NaN	-0.9316973	-0.55002081	-1.3956106
##	[376,]	NaN	-0.9316973	1.89189323	-0.6199782
##	[377,]	NaN	0.2419060	0.86371890	-0.6199782
##	[378,]	NaN	0.2419060	-0.67854260	0.1556541
##	[379,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[380,]	NaN	-0.9316973	2.40598039	-0.6199782
##	[381,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[382,]	NaN	0.2419060	-1.32115156	0.1556541
##	[383,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[384,]	NaN	0.2419060	-1.19262977	-1.3956106
##	[385,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[386,]	NaN	-0.9316973	-1.06410798	0.9312865
##	[387,]	NaN	0.2419060	0.86371890	-0.6199782
##	[388,]	NaN	1.4155093	-0.42149902	1.7069188
##	[389,]	NaN	0.2419060	-0.42149902	1.7069188
##	[390,]	NaN	-0.9316973	0.86371890	-0.6199782

##	[391,]	NaN	0.2419060	1.76337144	0.1556541
##	[392,]	NaN	0.2419060	1.12076248	0.1556541
##	[393,]	NaN	0.2419060	1.63484965	0.9312865
##	[394,]	NaN	0.2419060	-0.67854260	0.1556541
##	[395,]	NaN	0.2419060	0.22110994	1.7069188
##	[396,]	NaN	0.2419060	-0.42149902	-1.3956106
##	[397,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[398,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[399,]	NaN	1.4155093	0.47815352	-0.6199782
##	[400,]	NaN	0.2419060	-0.93558618	0.1556541
##	[401,]	NaN	0.2419060	1.24928427	0.1556541
##	[402,]	NaN	2.5891126	3.17711114	-2.1712429
##	[403,]	NaN	-0.9316973	-0.67854260	2.4825512
##	[404,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[405,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[406,]	NaN	0.2419060	-0.67854260	1.7069188
##	[407,]	NaN	-0.9316973	2.14893681	0.9312865
##	[408,]	NaN	1.4155093	-0.42149902	0.1556541
##	[409,]	NaN	-0.9316973	2.53450219	-0.6199782
##	[410,]	NaN	0.2419060	0.99224069	0.1556541
##	[411,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[412,]	NaN	-0.9316973	2.79154577	1.7069188
##	[413,]	NaN	0.2419060	0.99224069	1.7069188
##	[414,]	NaN	2.5891126	-0.55002081	0.9312865
##	[415,]	NaN	-0.9316973	-0.67854260	0.9312865
##	[416,]	NaN	0.2419060	-1.06410798	0.1556541
##	[417,]	NaN	0.2419060	-1.32115156	0.1556541
##	[418,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[419,]	NaN	1.4155093	-1.06410798	0.1556541
##	[420,]	NaN	0.2419060	-0.29297723	0.1556541
##	[421,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[422,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[423,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[424,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[425,]	NaN	0.2419060	2.66302398	0.1556541
##	[426,]	NaN	0.2419060	2.14893681	-0.6199782
##	[427,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[428,]	NaN	-0.9316973	1.37780606	1.7069188
##	[429,]	NaN	2.5891126	1.12076248	-0.6199782
##	[430,]	NaN	-0.9316973	1.89189323	-0.6199782
##	[431,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[432,]	NaN	-0.9316973	0.99224069	0.1556541
##	[433,]	NaN	0.2419060	0.34963173	0.1556541
##	[434,]	NaN	0.2419060	0.47815352	0.1556541
##	[435,]	NaN	0.2419060	0.22110994	2.4825512
##	[436,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[437,]	NaN	2.5891126	-0.42149902	-0.6199782
##	[438,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[439,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[440,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[441,]	NaN	2.5891126	-0.03593364	-0.6199782
##	[442,]	NaN	0.2419060	-0.42149902	0.9312865
##	[443,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[444,]	NaN	-0.9316973	-0.93558618	0.1556541

##	[445,]	NaN	0.2419060	0.34963173	-0.6199782
##	[446,]	NaN	-0.9316973	3.30563293	-0.6199782
##	[447,]	NaN	-0.9316973	0.60667531	0.1556541
##	[448,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[449,]	NaN	-0.9316973	1.37780606	0.1556541
##	[450,]	NaN	0.2419060	-0.42149902	0.1556541
##	[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
##	[458,]	NaN	-0.9316973	-1.44967335	0.1556541
##	[459,]	NaN	0.2419060	1.12076248	-0.6199782
##	[460,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[461,]	NaN	1.4155093	-0.42149902	1.7069188
##	[462,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[463,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[464,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[465,]	NaN	-0.9316973	0.09258815	0.1556541
##	[466,]	NaN	-0.9316973	2.14893681	0.1556541
##	[467,]	NaN	0.2419060	1.37780606	-0.6199782
##	[468,]	NaN	0.2419060	-0.29297723	2.4825512
##	[469,]	NaN	1.4155093	0.86371890	0.1556541
##	[470,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[471,]	NaN	1.4155093	-1.06410798	0.1556541
##	[472,]	NaN	0.2419060	0.86371890	0.9312865
##	[473,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[474,]	NaN	0.2419060	2.53450219	1.7069188
##	[475,]	NaN	1.4155093	-0.67854260	0.1556541
##	[476,]	NaN	1.4155093	-0.67854260	1.7069188
##	[477,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[478,]	NaN	0.2419060	2.66302398	-0.6199782
##	[479,]	NaN	-0.9316973	-0.55002081	-1.3956106
##	[480,]	NaN	0.2419060	-0.67854260	0.9312865
##	[481,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[482,]	NaN	0.2419060	-0.67854260	0.1556541
##	[483,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[484,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[485,]	NaN	1.4155093	0.22110994	0.9312865
##	[486,]	NaN	1.4155093	-0.67854260	1.7069188
##	[487,]	NaN	0.2419060	0.73519711	0.1556541
##	[488,]	NaN	-0.9316973	-1.32115156	-2.1712429
##	[489,]	NaN	1.4155093	-0.16445544	0.9312865
##	[490,]	NaN	0.2419060	1.24928427	0.1556541
##	[491,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[492,]	NaN	0.2419060	-0.16445544	0.1556541
##	[493,]	NaN	0.2419060	1.24928427	0.1556541
##	[494,]	NaN	-0.9316973	-0.16445544	-1.3956106
##	[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

##	[499,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[500,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[501,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[502,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[503,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[504,]	NaN	0.2419060	-0.16445544	0.9312865
##	[505,]	NaN	1.4155093	-0.80706439	0.9312865
##	[506,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[507,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[508,]	NaN	0.2419060	-0.67854260	1.7069188
##	[509,]	NaN	-0.9316973	0.73519711	0.1556541
##	[510,]	NaN	0.2419060	0.47815352	-0.6199782
##	[511,]	NaN	0.2419060	0.60667531	-1.3956106
##	[512,]	NaN	0.2419060	0.22110994	-0.6199782
##	[513,]	NaN	-0.9316973	-0.80706439	-2.1712429
##	[514,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[515,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[516,]	NaN	1.4155093	-1.32115156	0.1556541
##	[517,]	NaN	0.2419060	-0.80706439	0.1556541
##	[518,]	NaN	0.2419060	-0.93558618	0.9312865
##	[519,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[520,]	NaN	0.2419060	-0.16445544	1.7069188
##	[521,]	NaN	-0.9316973	0.09258815	0.1556541
##	[522,]	NaN	1.4155093	-0.67854260	0.1556541
##	[523,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[524,]	NaN	2.5891126	1.12076248	0.1556541
##	[525,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[526,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[527,]	NaN	-0.9316973	1.12076248	0.9312865
##	[528,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[529,]	NaN	0.2419060	0.86371890	0.9312865
##	[530,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[531,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[532,]	NaN	-0.9316973	-0.16445544	2.4825512
##	[533,]	NaN	-0.9316973	1.12076248	-0.6199782
##	[534,]	NaN	0.2419060	1.12076248	-0.6199782
##	[535,]	NaN	-0.9316973	2.66302398	0.1556541
##	[536,]	NaN	2.5891126	1.50632785	-0.6199782
##	[537,]	NaN	-0.9316973	-0.16445544	-1.3956106
##	[538,]	NaN	1.4155093	-0.29297723	0.9312865
##	[539,]	NaN	0.2419060	1.37780606	0.1556541
##	[540,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[541,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[542,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[543,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[544,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[545,]	NaN	1.4155093	2.14893681	-0.6199782
##	[546,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[547,]	NaN	-0.9316973	-1.32115156	2.4825512
##	[548,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[549,]	NaN	0.2419060	-0.55002081	1.7069188
##	[550,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[551,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[552,]	NaN	0.2419060	0.09258815	0.1556541

##	[553,]	NaN	-0.9316973	2.40598039	-1.3956106
##	[554,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[555,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[556,]	NaN	1.4155093	-1.19262977	-0.6199782
##	[557,]	NaN	-0.9316973	0.99224069	0.9312865
##	[558,]	NaN	0.2419060	0.60667531	-0.6199782
##	[559,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[560,]	NaN	0.2419060	-0.67854260	-2.1712429
##	[561,]	NaN	0.2419060	-0.55002081	0.1556541
##	[562,]	NaN	-0.9316973	2.92006756	0.1556541
##	[563,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[564,]	NaN	-0.9316973	-0.67854260	1.7069188
##	[565,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[566,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[567,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[568,]	NaN	-0.9316973	-0.67854260	1.7069188
##	[569,]	NaN	0.2419060	1.63484965	-0.6199782
##	[570,]	NaN	-0.9316973	-0.16445544	-1.3956106
##	[571,]	NaN	0.2419060	-0.80706439	0.1556541
##	[572,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[573,]	NaN	0.2419060	-0.03593364	0.1556541
##	[574,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[575,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[576,]	NaN	1.4155093	-0.29297723	0.9312865
##	[577,]	NaN	0.2419060	-0.80706439	0.1556541
##	[578,]	NaN	1.4155093	-0.67854260	0.1556541
##	[579,]	NaN	-0.9316973	0.73519711	-0.6199782
##	[580,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[581,]	NaN	0.2419060	-1.06410798	-1.3956106
##	[582,]	NaN	1.4155093	-0.55002081	-0.6199782
##	[583,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[584,]	NaN	0.2419060	-0.67854260	-1.3956106
##	[585,]	NaN	0.2419060	1.63484965	0.9312865
##	[586,]	NaN	1.4155093	-1.32115156	-0.6199782
##	[587,]	NaN	2.5891126	-1.32115156	0.9312865
##	[588,]	NaN	0.2419060	-0.29297723	0.1556541
##	[589,]	NaN	-0.9316973	2.40598039	0.1556541
##	[590,]	NaN	0.2419060	-1.32115156	-1.3956106
##	[591,]	NaN	-0.9316973	0.34963173	0.1556541
##	[592,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[593,]	NaN	0.2419060	1.89189323	0.1556541
##	[594,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[595,]	NaN	0.2419060	-0.16445544	0.1556541
##	[596,]	NaN	-0.9316973	3.69119831	-0.6199782
##	[597,]	NaN	-0.9316973	-0.55002081	-2.1712429
##	[598,]	NaN	0.2419060	-0.42149902	0.9312865
##	[599,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[600,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[601,]	NaN	0.2419060	0.34963173	0.1556541
##	[602,]	NaN	-0.9316973	-0.16445544	2.4825512
##	[603,]	NaN	-0.9316973	0.09258815	0.9312865
##	[604,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[605,]	NaN	0.2419060	-0.16445544	0.1556541
##	[606,]	NaN	0.2419060	0.22110994	0.1556541

##	[607,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[608,]	NaN	1.4155093	-0.29297723	0.1556541
##	[609,]	NaN	-0.9316973	0.09258815	0.1556541
##	[610,]	NaN	0.2419060	1.37780606	0.1556541
##	[611,]	NaN	0.2419060	-0.29297723	0.1556541
##	[612,]	NaN	-0.9316973	0.73519711	0.1556541
##	[613,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[614,]	NaN	0.2419060	-0.93558618	-1.3956106
##	[615,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[616,]	NaN	2.5891126	-1.44967335	2.4825512
##	[617,]	NaN	0.2419060	2.27745860	-0.6199782
##	[618,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[619,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[620,]	NaN	0.2419060	-0.29297723	1.7069188
##	[621,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[622,]	NaN	0.2419060	0.86371890	-1.3956106
##	[623,]	NaN	0.2419060	-0.42149902	0.1556541
##	[624,]	NaN	0.2419060	-0.16445544	0.1556541
##	[625,]	NaN	0.2419060	3.04858935	0.1556541
##	[626,]	NaN	0.2419060	0.86371890	-0.6199782
##	[627,]	NaN	0.2419060	-0.29297723	0.1556541
##	[628,]	NaN	-0.9316973	2.53450219	0.1556541
##	[629,]	NaN	1.4155093	-0.29297723	-0.6199782
##	[630,]	NaN	0.2419060	-0.67854260	2.4825512
##	[631,]	NaN	1.4155093	-0.93558618	-0.6199782
##	[632,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[633,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[634,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[635,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[636,]	NaN	0.2419060	0.73519711	-0.6199782
##	[637,]	NaN	0.2419060	-0.16445544	0.1556541
##	[638,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[639,]	NaN	-0.9316973	-0.80706439	-1.3956106
##	[640,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[641,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[642,]	NaN	0.2419060	-0.16445544	0.1556541
##	[643,]	NaN	0.2419060	-1.06410798	0.1556541
##	[644,]	NaN	0.2419060	0.73519711	-1.3956106
##	[645,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[646,]	NaN	2.5891126	-0.80706439	0.1556541
##	[647,]	NaN	0.2419060	2.14893681	0.1556541
##	[648,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[649,]	NaN	0.2419060	-0.16445544	0.1556541
##	[650,]	NaN	-0.9316973	2.79154577	-2.1712429
##	[651,]	NaN	0.2419060	0.09258815	-0.6199782
##	[652,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[653,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[654,]	NaN	0.2419060	2.53450219	0.1556541
##	[655,]	NaN	1.4155093	0.22110994	-0.6199782
##	[656,]	NaN	0.2419060	-0.55002081	0.9312865
##	[657,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[658,]	NaN	2.5891126	-0.42149902	1.7069188
##	[659,]	NaN	-0.9316973	-0.42149902	-2.1712429
##	[660,]	NaN	-0.9316973	-0.93558618	0.1556541

##	[661,]	NaN	0.2419060	-1.06410798	0.1556541
##	[662,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[663,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[664,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[665,]	NaN	0.2419060	0.73519711	-0.6199782
##	[666,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[667,]	NaN	0.2419060	-0.93558618	0.1556541
##	[668,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[669,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[670,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[671,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[672,]	NaN	1.4155093	-1.32115156	0.1556541
##	[673,]	NaN	-0.9316973	-0.16445544	2.4825512
##	[674,]	NaN	-0.9316973	-0.67854260	-1.3956106
##	[675,]	NaN	0.2419060	1.63484965	0.1556541
##	[676,]	NaN	-0.9316973	0.22110994	-0.6199782
##	[677,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[678,]	NaN	0.2419060	2.27745860	0.1556541
##	[679,]	NaN	1.4155093	0.22110994	-0.6199782
##	[680,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[681,]	NaN	-0.9316973	-0.42149902	2.4825512
##	[682,]	NaN	0.2419060	0.47815352	0.1556541
##	[683,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[684,]	NaN	2.5891126	-1.32115156	-0.6199782
##	[685,]	NaN	0.2419060	-0.03593364	-0.6199782
##	[686,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[687,]	NaN	-0.9316973	1.12076248	0.1556541
##	[688,]	NaN	-0.9316973	0.60667531	2.4825512
##	[689,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[690,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[691,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[692,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[693,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[694,]	NaN	0.2419060	0.60667531	2.4825512
##	[695,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[696,]	NaN	-0.9316973	0.73519711	-0.6199782
##	[697,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[698,]	NaN	0.2419060	-1.06410798	1.7069188
##	[699,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[700,]	NaN	0.2419060	1.89189323	-0.6199782
##	[701,]	NaN	-0.9316973	-0.55002081	0.9312865
##	[702,]	NaN	0.2419060	1.37780606	0.1556541
##	[703,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[704,]	NaN	-0.9316973	-0.67854260	-1.3956106
##	[705,]	NaN	0.2419060	0.09258815	-0.6199782
##	[706,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[707,]	NaN	-0.9316973	1.37780606	-0.6199782
##	[708,]	NaN	-0.9316973	1.12076248	0.1556541
##	[709,]	NaN	1.4155093	0.09258815	0.1556541
##	[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
##	[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

##	[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	0.2419060	1.50632785	0.1556541
##	[801,]	NaN	1.4155093	-1.32115156	-0.6199782
##	[802,]	NaN	-0.9316973	-0.80706439	0.9312865
##	[803,]	NaN	0.2419060	-0.93558618	0.1556541
##	[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
##	[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

##	[823,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[824,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[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
##	[845,]	NaN	0.2419060	-0.16445544	0.1556541
##	[846,]	NaN	0.2419060	0.60667531	0.1556541
##	[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
##	[851,]	NaN	2.5891126	-1.32115156	0.1556541
##	[852,]	NaN	0.2419060	2.14893681	-0.6199782
##	[853,]	NaN	0.2419060	-0.16445544	1.7069188
##	[854,]	NaN	-0.9316973	-1.32115156	0.9312865
##	[855,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[856,]	NaN	0.2419060	0.34963173	-0.6199782
##	[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
##	[869,]	NaN	2.5891126	-0.67854260	-0.6199782
##	[870,]	NaN	0.2419060	1.76337144	-0.6199782
##	[871,]	NaN	2.5891126	0.47815352	-0.6199782
##	[872,]	NaN	0.2419060	-1.32115156	0.1556541
##	[873,]	NaN	0.2419060	-0.16445544	0.1556541
##	[874,]	NaN	0.2419060	-0.55002081	0.9312865
##	[875,]	NaN	2.5891126	-0.16445544	0.9312865
##	[876,]	NaN	-0.9316973	1.12076248	0.1556541

##	[877,]	NaN	-0.9316973	-1.19262977	-0.6199782
##	[878,]	NaN	0.2419060	0.09258815	0.1556541
##	[879,]	NaN	0.2419060	-0.16445544	0.1556541
##	[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
##	[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
##	[917,]	NaN	0.2419060	1.89189323	-0.6199782
##	[918,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[919,]	NaN	0.2419060	2.53450219	1.7069188
##	[920,]	NaN	-0.9316973	1.76337144	2.4825512
##	[921,]	NaN	1.4155093	0.47815352	-0.6199782
##	[922,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[923,]	NaN	1.4155093	1.89189323	0.9312865
##	[924,]	NaN	1.4155093	0.34963173	1.7069188
##	[925,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[926,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[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
##	[959,]	NaN	0.2419060	-0.16445544	-2.1712429
##	[960,]	NaN	-0.9316973	-0.29297723	0.9312865
##	[961,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[962,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[963,]	NaN	0.2419060	2.79154577	-0.6199782
##	[964,]	NaN	0.2419060	-0.03593364	0.1556541
##	[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
##	[970,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[971,]	NaN	0.2419060	-0.80706439	0.9312865
##	[972,]	NaN	-0.9316973	2.27745860	-1.3956106
##	[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
## [1047,]	NaN	-0.9316973	-0.67854260	0.1556541
## [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
## [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

## [1093,]	NaN	0.2419060	-0.42149902	0.1556541
## [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
## [1139,]	NaN	0.2419060	2.66302398	0.1556541
## [1140,]	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	0.1556541
## [1190,]	NaN	1.4155093	-0.67854260	1.7069188
## [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

## [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
## [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
## [1236,]	NaN	0.2419060	0.22110994	1.7069188
## [1237,]	NaN	2.5891126	0.60667531	0.1556541
## [1238,]	NaN	-0.9316973	-0.16445544	-0.6199782
## [1239,]	NaN	-0.9316973	-1.06410798	0.1556541
## [1240,]	NaN	-0.9316973	-0.29297723	0.1556541
## [1241,]	NaN	0.2419060	-0.29297723	-0.6199782
## [1242,]	NaN	0.2419060	-0.16445544	-0.6199782
## [1243,]	NaN	-0.9316973	1.24928427	0.1556541
## [1244,]	NaN	1.4155093	-0.29297723	-0.6199782
## [1245,]	NaN	-0.9316973	-0.16445544	-0.6199782
## [1246,]	NaN	0.2419060	-1.06410798	-0.6199782
## [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
## [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
## [1259,]	NaN	0.2419060	-1.32115156	-0.6199782
## [1260,]	NaN	0.2419060	-0.16445544	0.1556541
## [1261,]	NaN	-0.9316973	0.09258815	0.1556541
## [1262,]	NaN	0.2419060	0.47815352	-0.6199782
## [1263,]	NaN	0.2419060	-0.67854260	0.9312865
## [1264,]	NaN	2.5891126	-0.55002081	2.4825512
## [1265,]	NaN	2.5891126	2.92006756	-0.6199782
## [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
## [1271,]	NaN	-0.9316973	-0.67854260	0.1556541
## [1272,]	NaN	-0.9316973	-1.32115156	0.1556541
## [1273,]	NaN	0.2419060	-0.80706439	0.1556541
## [1274,]	NaN	-0.9316973	-1.32115156	2.4825512
## [1275,]	NaN	1.4155093	0.22110994	0.1556541
## [1276,]	NaN	-0.9316973	0.47815352	-0.6199782
## [1277,]	NaN	1.4155093	-0.80706439	-0.6199782
## [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
## [1290,]	NaN	2.5891126	0.22110994	0.1556541
## [1291,]	NaN	0.2419060	-0.03593364	0.1556541
## [1292,]	NaN	-0.9316973	-0.16445544	0.9312865
## [1293,]	NaN	0.2419060	-0.55002081	2.4825512
## [1294,]	NaN	-0.9316973	-0.55002081	-0.6199782
## [1295,]	NaN	-0.9316973	-0.03593364	0.1556541
## [1296,]	NaN	0.2419060	1.50632785	0.1556541
## [1297,]	NaN	-0.9316973	-0.29297723	0.1556541
## [1298,]	NaN	-0.9316973	-0.67854260	0.1556541
## [1299,]	NaN	0.2419060	0.22110994	-0.6199782
## [1300,]	NaN	0.2419060	0.09258815	0.1556541
## [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
## [1306,]	NaN	0.2419060	0.34963173	-0.6199782
## [1307,]	NaN	1.4155093	-0.29297723	0.1556541
## [1308,]	NaN	0.2419060	-1.06410798	0.1556541

## [1309,]	NaN	1.4155093	1.12076248	0.9312865
## [1310,]	NaN	-0.9316973	-0.80706439	0.9312865
## [1311,]	NaN	-0.9316973	1.50632785	0.1556541
## [1312,]	NaN	-0.9316973	-1.44967335	0.9312865
## [1313,]	NaN	-0.9316973	-1.19262977	0.9312865
## [1314,]	NaN	2.5891126	-0.93558618	0.1556541
## [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
## [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
## [1329,]	NaN	0.2419060	-0.29297723	1.7069188
## [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
## [1337,]	NaN	0.2419060	0.99224069	-0.6199782
## [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
## [1344,]	NaN	-0.9316973	-0.03593364	-0.6199782
## [1345,]	NaN	0.2419060	0.60667531	-0.6199782
## [1346,]	NaN	-0.9316973	-0.93558618	-0.6199782
## [1347,]	NaN	1.4155093	-0.16445544	-0.6199782
## [1348,]	NaN	-0.9316973	-0.16445544	-0.6199782
## [1349,]	NaN	0.2419060	1.37780606	0.1556541
## [1350,]	NaN	0.2419060	-1.32115156	0.1556541
## [1351,]	NaN	-0.9316973	-0.29297723	1.7069188
## [1352,]	NaN	0.2419060	1.63484965	0.1556541
## [1353,]	NaN	0.2419060	-0.16445544	1.7069188
## [1354,]	NaN	0.2419060	-0.80706439	-0.6199782
## [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

## [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
## [1398,]	NaN	1.4155093	-0.29297723	2.4825512
## [1399,]	NaN	2.5891126	-0.29297723	-0.6199782
## [1400,]	NaN	0.2419060	-0.16445544	-1.3956106
## [1401,]	NaN	0.2419060	-0.55002081	-0.6199782
## [1402,]	NaN	0.2419060	3.04858935	-2.1712429
## [1403,]	NaN	2.5891126	-1.32115156	0.9312865
## [1404,]	NaN	-0.9316973	1.24928427	0.1556541
## [1405,]	NaN	-0.9316973	1.12076248	-0.6199782
## [1406,]	NaN	0.2419060	0.22110994	-0.6199782
## [1407,]	NaN	-0.9316973	-0.29297723	0.1556541
## [1408,]	NaN	-0.9316973	-0.93558618	-0.6199782
## [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	-0.9316973	1.63484965	-0.6199782
## [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
## [1449,]	NaN	0.2419060	0.34963173	1.7069188
## [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
## [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
##	[29,]	0.3379811	2.447037491	0.48873346
##	[30,]	-1.0774954	-0.817455758	-0.61528219
##	[31,]	0.3379811	-0.980680421	-0.89128611
##	[32,]	1.7534577	-0.491006434	-0.61528219
##	[33,]	0.3379811	0.488341541	-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
##	[72,]	0.3379811	-0.327781771	-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
##	[85,]	0.3379811	-0.327781771	-0.61528219
##	[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

##	[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,]	-1.0774954	0.161892216	0.76473737
##	[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

##	[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	0.325116879	0.76473737
##	[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
##	[255,]	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

##	[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
##	[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
##	[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
##	[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,]	0.3379811	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
##	[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
##	[418,]	0.3379811	2.120588166	2.97276868
##	[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
##	[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
##	[434,]	0.3379811	-0.654231096	-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
##	[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
##	[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
##	[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
##	[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

##	[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
##	[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
##	[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

##	[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
##	[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
##	[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
## [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
## [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

## [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
## [1088,]	0.3379811	0.651566204	1.59274911
## [1089,]	0.3379811	-0.980680421	-1.16729002
## [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
## [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

## [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

## [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
## [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
## [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,]	-1.0774954	0.488341541	-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
## [1365,]	0.3379811	-0.001332446	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
## [1384,]	0.3379811	-0.327781771	-0.06327437
## [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
## [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
## [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
## [1428,]	-1.0774954	-0.980680421	-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
## [1442,]	-1.0774954	0.978015528	2.14475694
## [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
## [1450,]	0.3379811	-0.491006434	-0.61528219
## [1451,]	0.3379811	0.325116879	-1.16729002
## [1452,]	0.3379811	0.488341541	0.76473737
## [1453,]	0.3379811	-0.164557109	-0.33927828
## [1454,]	-1.0774954	-0.164557109	-0.33927828
## [1455,]	0.3379811	-0.327781771	-0.33927828
## [1456,]	0.3379811	-0.817455758	-0.61528219
## [1457,]	1.7534577	0.488341541	-0.61528219

## [1458,]	0.3379811	-0.327781771	-0.33927828
## [1459,]	0.3379811	-0.491006434	-0.33927828
## [1460,]	0.3379811	-0.491006434	-0.33927828
## [1461,]	-2.4929720	-0.327781771	-0.06327437
## [1462,]	0.3379811	-0.654231096	-0.61528219
## [1463,]	-1.0774954	2.120588166	1.31674520
## [1464,]	0.3379811	0.325116879	-0.06327437
## [1465,]	0.3379811	-0.491006434	-0.61528219
## [1466,]	0.3379811	-0.327781771	-0.61528219
## [1467,]	0.3379811	-0.001332446	0.76473737
## [1468,]	0.3379811	-0.164557109	-0.61528219
## [1469,]	-1.0774954	0.325116879	0.48873346
## [1470,]	1.7534577	-0.491006434	-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,]	-0.05826506	-0.5950247	
## [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,]	-0.67891464	-0.3147664	
## [12,]	-0.67891464	1.0865255	
## [13,]	0.56238452	-0.3147664	
## [14,]	-0.36858985	-0.5950247	
## [15,]	-0.67891464	-0.3147664	
## [16,]	1.80368368	1.0865255	
## [17,]	-0.67891464	0.2457504	
## [18,]	-0.67891464	-1.1555415	
## [19,]	0.25205973	0.8062671	
## [20,]	-0.36858985	-0.5950247	
## [21,]	-0.36858985	-0.3147664	
## [22,]	-0.67891464	-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,]	0.87270931	3.6088508	
## [30,]	-0.05826506	-0.8752831	
## [31,]	-0.67891464	-1.1555415	
## [32,]	-0.36858985	-0.3147664	
## [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
##	[87,]	-0.67891464	-1.1555415
##	[88,]	-0.67891464	-0.3147664
##	[89,]	2.42433326	1.0865255
##	[90,]	0.56238452	0.8062671
##	[91,]	2.73465805	1.9273006
##	[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
##	[109,]	-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
##	[115,]	-0.67891464	-1.1555415
##	[116,]	-0.36858985	-0.3147664
##	[117,]	0.87270931	1.0865255
##	[118,]	-0.05826506	1.0865255
##	[119,]	-0.67891464	-1.1555415
##	[120,]	0.56238452	2.2075589
##	[121,]	-0.67891464	1.3667838
##	[122,]	-0.67891464	0.8062671
##	[123,]	0.56238452	-0.3147664
##	[124,]	3.97595721	3.0483340
##	[125,]	1.49335889	0.8062671
##	[126,]	0.56238452	-0.3147664
##	[127,]	3.97595721	0.5260087
##	[128,]	-0.67891464	-1.1555415
##	[129,]	-0.05826506	-0.8752831
##	[130,]	0.87270931	1.9273006
##	[131,]	-0.36858985	-0.5950247
##	[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
##	[141,]	-0.67891464	-0.0345080
##	[142,]	-0.67891464	-0.3147664
##	[143,]	-0.05826506	-0.5950247
##	[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
##	[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
##	[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
##	[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
##	[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
##	[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
##	[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
##	[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
##	[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
##	[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
##	[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	-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
##	[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
##	[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,]	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
##	[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
##	[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
##	[795,]	-0.67891464	-0.0345080
##	[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
##	[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
##	[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
##	[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	-1.1555415
## [982,]	0.25205973	-0.5950247
## [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,]	-0.67891464	-1.1555415
## [1012,]	-0.67891464	-0.8752831

## [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

## [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,]	-0.67891464	-1.1555415
## [1077,]	-0.36858985	2.2075589
## [1078,]	-0.67891464	0.8062671
## [1079,]	3.66563242	3.6088508
## [1080,]	-0.05826506	-0.5950247
## [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
## [1112,]	-0.36858985	1.3667838
## [1113,]	-0.36858985	-0.0345080
## [1114,]	-0.36858985	-0.5950247
## [1115,]	1.49335889	0.5260087
## [1116,]	-0.67891464	-1.1555415
## [1117,]	-0.05826506	2.4878173
## [1118,]	-0.05826506	-0.8752831
## [1119,]	-0.67891464	-1.1555415
## [1120,]	1.49335889	0.8062671

## [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
## [1139,]	3.04498284	2.4878173
## [1140,]	-0.67891464	-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
## [1171,]	-0.36858985	-0.5950247
## [1172,]	-0.67891464	-0.3147664
## [1173,]	-0.36858985	-0.0345080
## [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
## [1221,]	1.18303410	0.8062671
## [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

## [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
## [1242,]	-0.67891464	-0.5950247
## [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
## [1260,]	-0.36858985	0.8062671
## [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
## [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
## [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


```

## [1445,]          2.11400847          1.0865255
## [1446,]         -0.67891464          1.6470422
## [1447,]         -0.36858985          0.8062671
## [1448,]          2.73465805          1.9273006
## [1449,]         -0.67891464         -0.0345080
## [1450,]         -0.36858985        -0.5950247
## [1451,]         -0.36858985          0.8062671
## [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
## [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")
##           i..Age          Attrition          BusinessTravel
##           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          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          MonthlyRate          NumCompaniesWorked
##           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
##           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")
##           i..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 EnvironmentSatisfaction           Gender
##           602.0243348           1.0930822           0.4900647
##           HourlyRate           JobInvolvement           JobLevel
##           20.3294276           0.7115611           1.1069399
##           JobRole           JobSatisfaction           MaritalStatus
##           2.4618213           1.1028461           0.7301208
##           MonthlyIncome           MonthlyRate           NumCompaniesWorked
##           4707.9567831           7117.7860441           2.4980090
##           Over18           OverTime           PercentSalaryHike
##           0.0000000           0.4506065           3.6599377
##           PerformanceRating RelationshipSatisfaction           StandardHours
##           0.3608235           1.0812089           0.0000000
##           StockOptionLevel           TotalWorkingYears           TrainingTimesLastYear
##           0.8520767           7.7807817           1.2892706
##           WorkLifeBalance           YearsAtCompany           YearsInCurrentRole
##           0.7064758           6.1265252           3.6231370
##           YearsSinceLastPromotion           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
##           [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           0.5898476 0.016144086 -0.4936491
##           [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
##           [22,] -0.10112444 2.2801299           0.5898476 1.029751958 1.4010356
##           [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
##	[30,]	0.99352156	-0.4382732	0.5898476	-0.241594835	1.4010356
##	[31,]	-0.42951824	-0.4382732	0.5898476	0.301143855	-0.4936491
##	[32,]	0.77459236	-0.4382732	0.5898476	1.627012342	-0.4936491
##	[33,]	-0.75791204	-0.4382732	0.5898476	-1.678984971	-0.4936491
##	[34,]	0.22726936	2.2801299	0.5898476	0.229274348	1.4010356
##	[35,]	-1.41469963	2.2801299	0.5898476	0.026057122	-0.4936491
##	[36,]	0.66512776	-0.4382732	0.5898476	1.166056195	-0.4936491
##	[37,]	1.43137995	2.2801299	0.5898476	0.164839618	1.4010356
##	[38,]	-0.21058904	-0.4382732	0.5898476	0.216883054	1.4010356
##	[39,]	-0.10112444	-0.4382732	0.5898476	0.122709217	-0.4936491
##	[40,]	-0.42951824	-0.4382732	-0.9128837	0.838926026	1.4010356
##	[41,]	-0.21058904	-0.4382732	0.5898476	-0.838855219	-0.4936491
##	[42,]	-1.08630583	-0.4382732	0.5898476	1.084273653	-0.4936491
##	[43,]	-1.19577043	2.2801299	0.5898476	1.374229939	-0.4936491
##	[44,]	-1.08630583	-0.4382732	-0.9128837	0.474621974	1.4010356
##	[45,]	-0.75791204	-0.4382732	-0.9128837	-0.201942693	-0.4936491
##	[46,]	0.44619856	2.2801299	0.5898476	1.381664715	-0.4936491
##	[47,]	-0.32005364	-0.4382732	-2.4156151	0.650578353	1.4010356
##	[48,]	0.00834016	-0.4382732	0.5898476	-0.977637715	-0.4936491
##	[49,]	0.99352156	-0.4382732	-0.9128837	1.012404146	1.4010356
##	[50,]	-0.21058904	-0.4382732	0.5898476	1.057012805	-0.4936491
##	[51,]	1.21245075	2.2801299	0.5898476	-0.437377284	-0.4936491
##	[52,]	-0.97684124	2.2801299	0.5898476	1.565055871	-0.4936491
##	[53,]	0.77459236	-0.4382732	0.5898476	1.698881849	1.4010356
##	[54,]	-0.21058904	-0.4382732	-2.4156151	0.729882636	-0.4936491
##	[55,]	-1.19577043	-0.4382732	0.5898476	1.587360200	1.4010356
##	[56,]	-0.42951824	-0.4382732	-0.9128837	-0.712464017	-0.4936491
##	[57,]	-0.21058904	-0.4382732	-0.9128837	0.125187476	1.4010356
##	[58,]	-0.21058904	-0.4382732	0.5898476	0.841404285	-0.4936491
##	[59,]	-0.64844744	-0.4382732	0.5898476	-0.365507777	-0.4936491
##	[60,]	0.00834016	-0.4382732	0.5898476	0.774491296	-0.4936491
##	[61,]	-0.53898284	-0.4382732	0.5898476	-0.930550796	-0.4936491
##	[62,]	0.11780476	-0.4382732	-0.9128837	-0.370464295	-0.4936491
##	[63,]	1.43137995	-0.4382732	0.5898476	0.462230680	-0.4936491
##	[64,]	2.41656135	-0.4382732	0.5898476	1.567534129	1.4010356
##	[65,]	-0.10112444	-0.4382732	0.5898476	1.042143252	-0.4936491
##	[66,]	1.97870295	-0.4382732	0.5898476	0.083057075	-0.4936491
##	[67,]	-0.10112444	-0.4382732	-0.9128837	0.972752004	-0.4936491
##	[68,]	0.88405696	-0.4382732	0.5898476	1.329621279	-0.4936491
##	[69,]	-0.21058904	-0.4382732	-0.9128837	-0.343203448	-0.4936491
##	[70,]	-0.10112444	2.2801299	0.5898476	-1.200681012	-0.4936491
##	[71,]	2.41656135	-0.4382732	-0.9128837	1.047099770	1.4010356
##	[72,]	-0.86737664	-0.4382732	0.5898476	1.302360432	-0.4936491
##	[73,]	-0.64844744	-0.4382732	0.5898476	0.692708754	-0.4936491
##	[74,]	-0.53898284	-0.4382732	0.5898476	-0.630681475	-0.4936491
##	[75,]	-0.10112444	-0.4382732	0.5898476	-1.661637159	-0.4936491
##	[76,]	-0.64844744	-0.4382732	0.5898476	-0.139986222	-0.4936491
##	[77,]	-0.21058904	-0.4382732	0.5898476	-0.065638456	1.4010356
##	[78,]	0.88405696	-0.4382732	0.5898476	-1.510463368	-0.4936491
##	[79,]	0.00834016	-0.4382732	0.5898476	-1.004898562	-0.4936491
##	[80,]	0.99352156	-0.4382732	0.5898476	0.353187291	-2.3883338
##	[81,]	-0.75791204	-0.4382732	0.5898476	0.122709217	-0.4936491
##	[82,]	-0.21058904	-0.4382732	0.5898476	1.019838923	-0.4936491

##	[83,]	1.97870295	-0.4382732	0.5898476	-1.713680595	1.4010356
##	[84,]	0.11780476	-0.4382732	-2.4156151	-0.568725004	-0.4936491
##	[85,]	-0.32005364	-0.4382732	0.5898476	0.868665132	-0.4936491
##	[86,]	2.08816755	-0.4382732	0.5898476	1.480795070	-0.4936491
##	[87,]	-1.52416423	-0.4382732	0.5898476	-0.648029287	1.4010356
##	[88,]	1.54084455	-0.4382732	0.5898476	-0.918159502	-0.4936491
##	[89,]	-0.75791204	-0.4382732	0.5898476	-1.275028777	-0.4936491
##	[90,]	0.99352156	2.2801299	0.5898476	-0.330812153	1.4010356
##	[91,]	0.33673396	-0.4382732	-0.9128837	-0.675290134	-0.4936491
##	[92,]	1.54084455	-0.4382732	0.5898476	-0.422507731	1.4010356
##	[93,]	-0.75791204	-0.4382732	0.5898476	1.317229985	1.4010356
##	[94,]	0.99352156	-0.4382732	-0.9128837	-0.407638178	-0.4936491
##	[95,]	-0.53898284	-0.4382732	0.5898476	0.719969601	1.4010356
##	[96,]	1.86923835	-0.4382732	0.5898476	1.027273699	-0.4936491
##	[97,]	-1.41469963	-0.4382732	0.5898476	1.364316903	1.4010356
##	[98,]	-0.97684124	-0.4382732	-2.4156151	-1.691376265	1.4010356
##	[99,]	2.30709675	-0.4382732	0.5898476	-0.298594788	1.4010356
##	[100,]	0.77459236	-0.4382732	-2.4156151	-0.776898747	-0.4936491
##	[101,]	0.00834016	2.2801299	0.5898476	0.011187569	-2.3883338
##	[102,]	-0.53898284	-0.4382732	0.5898476	0.060752746	-0.4936491
##	[103,]	-1.85255803	2.2801299	-0.9128837	0.169796135	-0.4936491
##	[104,]	-0.32005364	-0.4382732	0.5898476	-0.340725189	-0.4936491
##	[105,]	0.00834016	-0.4382732	-2.4156151	0.588621882	-0.4936491
##	[106,]	2.41656135	-0.4382732	-2.4156151	1.530360247	-2.3883338
##	[107,]	1.43137995	-0.4382732	-0.9128837	0.774491296	-0.4936491
##	[108,]	-1.30523503	2.2801299	0.5898476	-1.393985202	1.4010356
##	[109,]	-1.30523503	-0.4382732	0.5898476	1.183404007	-0.4936491
##	[110,]	-1.63362883	-0.4382732	0.5898476	-0.665377099	-0.4936491
##	[111,]	1.54084455	-0.4382732	-0.9128837	1.619577565	-0.4936491
##	[112,]	-0.32005364	2.2801299	-0.9128837	-0.358073001	-0.4936491
##	[113,]	1.86923835	-0.4382732	-2.4156151	-1.636854570	-2.3883338
##	[114,]	-1.41469963	-0.4382732	0.5898476	0.804230402	-0.4936491
##	[115,]	-0.32005364	-0.4382732	0.5898476	0.566317552	-0.4936491
##	[116,]	0.00834016	-0.4382732	0.5898476	0.957882451	1.4010356
##	[117,]	-0.32005364	-0.4382732	0.5898476	1.366795162	-0.4936491
##	[118,]	-0.10112444	-0.4382732	-0.9128837	1.646838413	1.4010356
##	[119,]	-0.10112444	-0.4382732	0.5898476	0.296187337	-0.4936491
##	[120,]	0.66512776	-0.4382732	-0.9128837	-1.012333339	1.4010356
##	[121,]	-0.75791204	-0.4382732	-0.9128837	1.262708290	-0.4936491
##	[122,]	-0.42951824	-0.4382732	-2.4156151	-0.130073186	1.4010356
##	[123,]	2.08816755	2.2801299	0.5898476	-0.895855172	-0.4936491
##	[124,]	1.54084455	-0.4382732	0.5898476	-0.293638271	-0.4936491
##	[125,]	-0.64844744	2.2801299	0.5898476	-1.371680873	1.4010356
##	[126,]	-1.19577043	-0.4382732	0.5898476	0.095448370	-0.4936491
##	[127,]	2.30709675	2.2801299	0.5898476	-1.624463276	-0.4936491
##	[128,]	-1.96202263	2.2801299	0.5898476	-0.680246652	1.4010356
##	[129,]	-1.63362883	-0.4382732	0.5898476	-0.516681568	-0.4936491
##	[130,]	1.32191535	-0.4382732	0.5898476	-0.823985666	-0.4936491
##	[131,]	0.66512776	-0.4382732	-0.9128837	0.382926397	-0.4936491
##	[132,]	1.43137995	-0.4382732	-0.9128837	0.016144086	1.4010356
##	[133,]	-0.64844744	2.2801299	0.5898476	-0.645551028	1.4010356
##	[134,]	0.44619856	-0.4382732	0.5898476	-0.001203726	1.4010356
##	[135,]	-1.19577043	-0.4382732	0.5898476	1.369273421	-2.3883338
##	[136,]	-0.10112444	-0.4382732	0.5898476	-1.453463415	-0.4936491

##	[137,]	1.54084455	2.2801299	-0.9128837	0.861230356	-0.4936491
##	[138,]	0.22726936	-0.4382732	0.5898476	1.304838691	1.4010356
##	[139,]	-1.30523503	-0.4382732	0.5898476	0.387882915	1.4010356
##	[140,]	-0.75791204	-0.4382732	0.5898476	1.084273653	-2.3883338
##	[141,]	-0.53898284	2.2801299	0.5898476	0.571274070	-0.4936491
##	[142,]	0.88405696	-0.4382732	0.5898476	1.272621326	-0.4936491
##	[143,]	0.11780476	-0.4382732	0.5898476	-1.086681104	-0.4936491
##	[144,]	-0.75791204	-0.4382732	0.5898476	-0.903289949	-0.4936491
##	[145,]	-0.53898284	-0.4382732	-0.9128837	-0.281246976	1.4010356
##	[146,]	-0.75791204	-0.4382732	0.5898476	-1.490637298	-0.4936491
##	[147,]	-0.75791204	-0.4382732	0.5898476	1.547708059	-0.4936491
##	[148,]	0.44619856	-0.4382732	-0.9128837	0.135100511	-0.4936491
##	[149,]	0.44619856	-0.4382732	0.5898476	0.323448184	-0.4936491
##	[150,]	-1.96202263	-0.4382732	0.5898476	0.938056380	-0.4936491
##	[151,]	0.33673396	-0.4382732	-0.9128837	1.468403775	-0.4936491
##	[152,]	-0.21058904	-0.4382732	0.5898476	-0.348159965	1.4010356
##	[153,]	1.75977375	-0.4382732	0.5898476	1.570012388	1.4010356
##	[154,]	0.88405696	-0.4382732	0.5898476	-1.507985110	-0.4936491
##	[155,]	-0.53898284	-0.4382732	-0.9128837	0.407708985	1.4010356
##	[156,]	-0.86737664	-0.4382732	-2.4156151	1.718707920	-0.4936491
##	[157,]	1.54084455	-0.4382732	0.5898476	0.908317274	-0.4936491
##	[158,]	2.30709675	-0.4382732	0.5898476	0.848839062	-0.4936491
##	[159,]	0.33673396	-0.4382732	0.5898476	-0.427464249	1.4010356
##	[160,]	-0.32005364	-0.4382732	-0.9128837	-1.237854894	1.4010356
##	[161,]	-1.63362883	-0.4382732	0.5898476	1.123925794	-0.4936491
##	[162,]	-1.08630583	-0.4382732	-2.4156151	-0.276290459	-0.4936491
##	[163,]	-0.97684124	-0.4382732	0.5898476	-0.898333431	-0.4936491
##	[164,]	2.19763215	-0.4382732	0.5898476	-1.161028870	-0.4936491
##	[165,]	-1.08630583	-0.4382732	-2.4156151	1.604708012	-0.4936491
##	[166,]	1.43137995	-0.4382732	0.5898476	1.609664530	-0.4936491
##	[167,]	0.44619856	-0.4382732	0.5898476	-0.836376960	-0.4936491
##	[168,]	-0.75791204	-0.4382732	0.5898476	1.329621279	1.4010356
##	[169,]	0.11780476	-0.4382732	0.5898476	-0.249029611	1.4010356
##	[170,]	-0.53898284	-0.4382732	0.5898476	-1.691376265	-0.4936491
##	[171,]	-1.08630583	-0.4382732	0.5898476	0.878578168	-0.4936491
##	[172,]	-1.96202263	2.2801299	-0.9128837	-0.496855497	1.4010356
##	[173,]	-0.10112444	-0.4382732	-0.9128837	1.679055778	-0.4936491
##	[174,]	-0.75791204	-0.4382732	-2.4156151	-1.713680595	-0.4936491
##	[175,]	0.88405696	-0.4382732	0.5898476	1.153664901	1.4010356
##	[176,]	2.08816755	-0.4382732	0.5898476	-0.221768764	-0.4936491
##	[177,]	-0.42951824	-0.4382732	0.5898476	-1.656680641	-0.4936491
##	[178,]	-1.96202263	2.2801299	0.5898476	-1.237854894	-0.4936491
##	[179,]	0.99352156	-0.4382732	0.5898476	-0.685203170	1.4010356
##	[180,]	0.11780476	-0.4382732	0.5898476	1.431229892	-0.4936491
##	[181,]	-0.64844744	-0.4382732	0.5898476	-1.641811088	-0.4936491
##	[182,]	-0.32005364	-0.4382732	0.5898476	-0.429942508	-0.4936491
##	[183,]	0.44619856	2.2801299	0.5898476	1.371751680	1.4010356
##	[184,]	1.43137995	-0.4382732	0.5898476	-1.175898423	-0.4936491
##	[185,]	1.75977375	-0.4382732	0.5898476	0.697665271	-0.4936491
##	[186,]	-0.42951824	-0.4382732	0.5898476	0.318491667	-0.4936491
##	[187,]	0.33673396	-0.4382732	0.5898476	0.462230680	-0.4936491
##	[188,]	1.97870295	-0.4382732	0.5898476	-0.273812200	-0.4936491
##	[189,]	-0.32005364	-0.4382732	-0.9128837	0.660491389	-0.4936491
##	[190,]	1.54084455	-0.4382732	0.5898476	-1.213072306	-0.4936491

##	[191,]	1.65030915	-0.4382732	0.5898476	-0.256464388	-0.4936491
##	[192,]	-1.08630583	-0.4382732	0.5898476	0.226796089	-0.4936491
##	[193,]	-0.21058904	2.2801299	0.5898476	-0.610855404	-0.4936491
##	[194,]	0.66512776	-0.4382732	-2.4156151	1.342012574	-0.4936491
##	[195,]	0.88405696	-0.4382732	-2.4156151	0.972752004	-0.4936491
##	[196,]	0.00834016	-0.4382732	0.5898476	-1.270072259	-0.4936491
##	[197,]	-0.21058904	-0.4382732	-0.9128837	-1.646767605	-0.4936491
##	[198,]	0.55566316	-0.4382732	-2.4156151	0.306100372	-0.4936491
##	[199,]	0.11780476	-0.4382732	0.5898476	1.136317089	-0.4936491
##	[200,]	0.11780476	-0.4382732	0.5898476	0.697665271	-0.4936491
##	[201,]	-1.08630583	-0.4382732	-0.9128837	-0.819029148	-0.4936491
##	[202,]	1.32191535	-0.4382732	-2.4156151	0.494448045	-0.4936491
##	[203,]	-0.32005364	-0.4382732	-0.9128837	0.187143947	-0.4936491
##	[204,]	0.33673396	-0.4382732	0.5898476	0.254056936	-0.4936491
##	[205,]	0.11780476	2.2801299	0.5898476	0.935578121	-0.4936491
##	[206,]	-0.86737664	2.2801299	0.5898476	-1.688898006	1.4010356
##	[207,]	-1.63362883	-0.4382732	0.5898476	0.826534732	-0.4936491
##	[208,]	-0.10112444	-0.4382732	-0.9128837	-0.415072955	-0.4936491
##	[209,]	0.33673396	-0.4382732	-2.4156151	0.863708615	-0.4936491
##	[210,]	0.99352156	-0.4382732	0.5898476	-0.392768625	-0.4936491
##	[211,]	-0.53898284	2.2801299	0.5898476	0.601013176	1.4010356
##	[212,]	-0.75791204	-0.4382732	-2.4156151	0.065709263	-0.4936491
##	[213,]	-1.08630583	-0.4382732	-0.9128837	1.089230170	1.4010356
##	[214,]	1.54084455	-0.4382732	0.5898476	1.651794931	-0.4936491
##	[215,]	-0.75791204	2.2801299	0.5898476	0.501882822	-0.4936491
##	[216,]	0.44619856	-0.4382732	0.5898476	0.231752607	1.4010356
##	[217,]	-0.75791204	2.2801299	-0.9128837	-1.161028870	1.4010356
##	[218,]	-0.86737664	2.2801299	0.5898476	0.469665457	-0.4936491
##	[219,]	0.88405696	-0.4382732	-2.4156151	0.618360988	1.4010356
##	[220,]	1.86923835	-0.4382732	0.5898476	0.853795579	1.4010356
##	[221,]	-0.10112444	-0.4382732	0.5898476	1.470882034	-0.4936491
##	[222,]	-0.42951824	-0.4382732	0.5898476	-1.624463276	-0.4936491
##	[223,]	0.00834016	-0.4382732	-0.9128837	-0.345681707	-0.4936491
##	[224,]	0.11780476	-0.4382732	0.5898476	-1.693854524	1.4010356
##	[225,]	-0.64844744	-0.4382732	-2.4156151	0.437448092	-0.4936491
##	[226,]	2.41656135	-0.4382732	0.5898476	-1.636854570	-0.4936491
##	[227,]	0.00834016	-0.4382732	-0.9128837	-1.198202753	1.4010356
##	[228,]	-0.86737664	-0.4382732	-0.9128837	1.513012435	1.4010356
##	[229,]	-0.21058904	-0.4382732	-0.9128837	0.350709032	1.4010356
##	[230,]	-0.86737664	2.2801299	0.5898476	0.231752607	-0.4936491
##	[231,]	1.65030915	-0.4382732	0.5898476	1.289969138	-0.4936491
##	[232,]	0.55566316	-0.4382732	0.5898476	-0.670333617	-0.4936491
##	[233,]	2.41656135	-0.4382732	0.5898476	0.038448416	-2.3883338
##	[234,]	1.43137995	-0.4382732	0.5898476	0.127665735	1.4010356
##	[235,]	-0.42951824	2.2801299	0.5898476	0.026057122	-0.4936491
##	[236,]	0.66512776	-0.4382732	0.5898476	0.573752329	1.4010356
##	[237,]	-0.42951824	2.2801299	0.5898476	-0.836376960	-0.4936491
##	[238,]	1.65030915	-0.4382732	-2.4156151	-0.078029750	1.4010356
##	[239,]	-0.53898284	-0.4382732	0.5898476	1.483273328	1.4010356
##	[240,]	-0.53898284	2.2801299	0.5898476	-0.712464017	-0.4936491
##	[241,]	0.22726936	-0.4382732	0.5898476	1.557621094	-0.4936491
##	[242,]	-0.53898284	-0.4382732	-2.4156151	0.430013315	1.4010356
##	[243,]	0.44619856	-0.4382732	0.5898476	1.508055917	-0.4936491
##	[244,]	0.33673396	-0.4382732	0.5898476	1.232969184	-0.4936491

##	[245,]	0.88405696	-0.4382732	0.5898476	-1.364246096	-0.4936491
##	[246,]	-0.64844744	-0.4382732	-0.9128837	1.299882173	-0.4936491
##	[247,]	-0.42951824	-0.4382732	0.5898476	0.073144040	-0.4936491
##	[248,]	-0.32005364	-0.4382732	0.5898476	-0.823985666	-0.4936491
##	[249,]	0.00834016	-0.4382732	0.5898476	0.531621928	-0.4936491
##	[250,]	0.88405696	-0.4382732	-0.9128837	0.982665040	-0.4936491
##	[251,]	0.00834016	2.2801299	-0.9128837	-0.739724865	-0.4936491
##	[252,]	0.22726936	-0.4382732	-0.9128837	-0.737246606	-0.4936491
##	[253,]	-0.86737664	-0.4382732	0.5898476	-0.340725189	-0.4936491
##	[254,]	0.55566316	-0.4382732	0.5898476	0.281317784	-0.4936491
##	[255,]	-0.86737664	-0.4382732	0.5898476	1.101621465	1.4010356
##	[256,]	-1.30523503	-0.4382732	0.5898476	-0.291160012	-0.4936491
##	[257,]	0.55566316	-0.4382732	0.5898476	-1.322115695	-0.4936491
##	[258,]	0.33673396	-0.4382732	0.5898476	1.520447211	-0.4936491
##	[259,]	1.54084455	-0.4382732	0.5898476	0.075622299	-0.4936491
##	[260,]	-0.64844744	2.2801299	-0.9128837	-1.227941859	-0.4936491
##	[261,]	-0.53898284	-0.4382732	-0.9128837	1.260230031	-0.4936491
##	[262,]	0.11780476	-0.4382732	-2.4156151	1.299882173	1.4010356
##	[263,]	-0.53898284	-0.4382732	0.5898476	-1.671550194	-0.4936491
##	[264,]	0.99352156	-0.4382732	0.5898476	-0.779377006	1.4010356
##	[265,]	-0.97684124	2.2801299	0.5898476	-0.677768393	-0.4936491
##	[266,]	-0.86737664	-0.4382732	0.5898476	1.009925887	1.4010356
##	[267,]	-0.64844744	-0.4382732	0.5898476	1.636925377	-0.4936491
##	[268,]	-1.30523503	-0.4382732	-2.4156151	-0.315942600	-0.4936491
##	[269,]	0.88405696	-0.4382732	0.5898476	1.443621187	-0.4936491
##	[270,]	-0.10112444	-0.4382732	0.5898476	1.488229846	-0.4936491
##	[271,]	1.97870295	-0.4382732	0.5898476	-0.868594325	-0.4936491
##	[272,]	1.10298615	2.2801299	-2.4156151	-0.338246930	-0.4936491
##	[273,]	-0.97684124	-0.4382732	0.5898476	0.881056427	-0.4936491
##	[274,]	0.00834016	-0.4382732	0.5898476	-1.423724308	1.4010356
##	[275,]	-1.74309343	-0.4382732	0.5898476	0.479578492	-0.4936491
##	[276,]	0.00834016	-0.4382732	-2.4156151	-0.184594881	-0.4936491
##	[277,]	-0.21058904	-0.4382732	0.5898476	1.270143067	-0.4936491
##	[278,]	0.11780476	-0.4382732	0.5898476	-1.190767976	1.4010356
##	[279,]	-1.19577043	-0.4382732	-0.9128837	1.676577519	-0.4936491
##	[280,]	1.43137995	-0.4382732	0.5898476	-0.013595020	-0.4936491
##	[281,]	1.75977375	-0.4382732	0.5898476	0.662969647	-0.4936491
##	[282,]	0.55566316	-0.4382732	0.5898476	-0.415072955	1.4010356
##	[283,]	-0.86737664	-0.4382732	-0.9128837	-0.893376914	1.4010356
##	[284,]	1.97870295	-0.4382732	0.5898476	-1.624463276	-0.4936491
##	[285,]	-1.19577043	-0.4382732	-0.9128837	-0.759550935	-0.4936491
##	[286,]	0.00834016	-0.4382732	0.5898476	1.411403822	-0.4936491
##	[287,]	0.77459236	2.2801299	-0.9128837	0.291230819	-0.4936491
##	[288,]	0.11780476	-0.4382732	0.5898476	-0.283725235	-0.4936491
##	[289,]	-1.19577043	2.2801299	0.5898476	1.602229753	-0.4936491
##	[290,]	-0.97684124	-0.4382732	0.5898476	0.779447814	-0.4936491
##	[291,]	1.32191535	-0.4382732	-0.9128837	-0.412594696	-0.4936491
##	[292,]	-0.10112444	-0.4382732	0.5898476	-0.734768347	-0.4936491
##	[293,]	-0.64844744	-0.4382732	-0.9128837	-0.888420396	1.4010356
##	[294,]	-1.19577043	2.2801299	0.5898476	0.365578585	1.4010356
##	[295,]	0.00834016	-0.4382732	-0.9128837	0.214404795	-0.4936491
##	[296,]	0.55566316	-0.4382732	-0.9128837	-0.613333663	1.4010356
##	[297,]	-2.07148723	2.2801299	0.5898476	-1.418767791	-0.4936491
##	[298,]	-0.21058904	-0.4382732	0.5898476	1.064447582	1.4010356

##	[299,]	-0.10112444	-0.4382732	-0.9128837	-0.586072816	-0.4936491
##	[300,]	1.54084455	-0.4382732	0.5898476	1.237925702	-0.4936491
##	[301,]	0.44619856	-0.4382732	0.5898476	-1.161028870	1.4010356
##	[302,]	-2.07148723	-0.4382732	0.5898476	0.023578863	1.4010356
##	[303,]	-0.97684124	-0.4382732	0.5898476	1.669142743	-0.4936491
##	[304,]	-0.64844744	-0.4382732	0.5898476	-1.448506897	1.4010356
##	[305,]	0.22726936	-0.4382732	0.5898476	0.816621696	-0.4936491
##	[306,]	-0.10112444	-0.4382732	-2.4156151	0.749708707	-0.4936491
##	[307,]	-0.53898284	-0.4382732	0.5898476	0.256535195	1.4010356
##	[308,]	0.11780476	-0.4382732	0.5898476	0.115274440	-0.4936491
##	[309,]	2.30709675	-0.4382732	-2.4156151	-1.022246374	-0.4936491
##	[310,]	-0.64844744	-0.4382732	0.5898476	-0.276290459	-0.4936491
##	[311,]	-0.64844744	-0.4382732	0.5898476	-1.726071889	-2.3883338
##	[312,]	0.88405696	-0.4382732	-0.9128837	1.106577982	-0.4936491
##	[313,]	-0.64844744	-0.4382732	0.5898476	-1.512941627	-0.4936491
##	[314,]	-0.42951824	-0.4382732	-0.9128837	-0.618290181	-0.4936491
##	[315,]	0.22726936	-0.4382732	0.5898476	-1.698811041	-0.4936491
##	[316,]	0.66512776	-0.4382732	-0.9128837	-1.530289439	-0.4936491
##	[317,]	1.32191535	-0.4382732	0.5898476	0.715013083	-0.4936491
##	[318,]	1.65030915	2.2801299	0.5898476	-0.196986175	-0.4936491
##	[319,]	-1.08630583	-0.4382732	0.5898476	1.034708476	-0.4936491
##	[320,]	-0.53898284	-0.4382732	0.5898476	-0.531551121	1.4010356
##	[321,]	-1.08630583	-0.4382732	0.5898476	1.423795116	1.4010356
##	[322,]	-0.64844744	-0.4382732	0.5898476	-0.276290459	1.4010356
##	[323,]	-0.53898284	-0.4382732	0.5898476	0.534100187	-0.4936491
##	[324,]	-0.97684124	2.2801299	0.5898476	0.878578168	-0.4936491
##	[325,]	-0.75791204	-0.4382732	0.5898476	1.171012713	-0.4936491
##	[326,]	-0.64844744	-0.4382732	-0.9128837	-0.011116761	-0.4936491
##	[327,]	0.22726936	-0.4382732	-0.9128837	-0.323377377	-0.4936491
##	[328,]	0.22726936	2.2801299	0.5898476	0.890969462	1.4010356
##	[329,]	-0.42951824	-0.4382732	-0.9128837	-0.729811829	1.4010356
##	[330,]	1.10298615	-0.4382732	0.5898476	1.684012296	-0.4936491
##	[331,]	0.66512776	-0.4382732	-0.9128837	-0.603420627	-0.4936491
##	[332,]	-1.08630583	-0.4382732	-2.4156151	-1.468332968	1.4010356
##	[333,]	1.86923835	-0.4382732	-0.9128837	0.311056890	-0.4936491
##	[334,]	0.66512776	-0.4382732	0.5898476	0.491969786	-0.4936491
##	[335,]	0.88405696	-0.4382732	0.5898476	-0.628203216	-0.4936491
##	[336,]	0.33673396	-0.4382732	0.5898476	0.796795626	1.4010356
##	[337,]	-0.86737664	2.2801299	0.5898476	-1.200681012	-0.4936491
##	[338,]	-0.86737664	-0.4382732	0.5898476	-0.159812292	-0.4936491
##	[339,]	-0.75791204	-0.4382732	0.5898476	-0.576159780	1.4010356
##	[340,]	-1.08630583	-0.4382732	0.5898476	0.811665179	1.4010356
##	[341,]	0.00834016	-0.4382732	0.5898476	0.965317228	-0.4936491
##	[342,]	0.11780476	-0.4382732	0.5898476	-1.138724540	-0.4936491
##	[343,]	-0.64844744	-0.4382732	0.5898476	1.064447582	-0.4936491
##	[344,]	-0.86737664	-0.4382732	0.5898476	-1.631898052	1.4010356
##	[345,]	-0.21058904	-0.4382732	0.5898476	1.223056149	-0.4936491
##	[346,]	-1.52416423	-0.4382732	0.5898476	1.255273514	-0.4936491
##	[347,]	0.44619856	-0.4382732	0.5898476	-0.791768300	-0.4936491
##	[348,]	1.10298615	-0.4382732	-0.9128837	1.255273514	1.4010356
##	[349,]	0.55566316	-0.4382732	0.5898476	0.018622345	-0.4936491
##	[350,]	-0.86737664	-0.4382732	-2.4156151	-0.139986222	1.4010356
##	[351,]	0.55566316	-0.4382732	0.5898476	-0.640594510	-2.3883338
##	[352,]	-0.53898284	-0.4382732	0.5898476	0.643143577	-0.4936491

##	[353,]	1.21245075	-0.4382732	0.5898476	-0.675290134	1.4010356
##	[354,]	0.00834016	-0.4382732	0.5898476	1.280056102	-0.4936491
##	[355,]	-0.75791204	-0.4382732	-2.4156151	-0.400203401	1.4010356
##	[356,]	-1.19577043	-0.4382732	0.5898476	0.323448184	1.4010356
##	[357,]	0.55566316	-0.4382732	0.5898476	1.312273467	-0.4936491
##	[358,]	-1.74309343	2.2801299	-0.9128837	-0.115203633	1.4010356
##	[359,]	-0.10112444	-0.4382732	-2.4156151	0.105361405	1.4010356
##	[360,]	-0.10112444	-0.4382732	-0.9128837	-0.648029287	1.4010356
##	[361,]	2.19763215	-0.4382732	0.5898476	-0.519159826	-0.4936491
##	[362,]	0.33673396	-0.4382732	0.5898476	0.913273792	-0.4936491
##	[363,]	-1.74309343	-0.4382732	-2.4156151	0.229274348	1.4010356
##	[364,]	-0.42951824	2.2801299	0.5898476	-1.121376728	1.4010356
##	[365,]	0.00834016	-0.4382732	0.5898476	0.293709078	-0.4936491
##	[366,]	0.99352156	-0.4382732	-2.4156151	0.846360803	-0.4936491
##	[367,]	0.44619856	2.2801299	-0.9128837	-1.634376311	1.4010356
##	[368,]	1.43137995	-0.4382732	0.5898476	0.603491435	-0.4936491
##	[369,]	0.33673396	2.2801299	0.5898476	-0.563768486	1.4010356
##	[370,]	-0.64844744	-0.4382732	0.5898476	-0.977637715	-0.4936491
##	[371,]	-1.74309343	2.2801299	0.5898476	-1.602158946	1.4010356
##	[372,]	-0.86737664	-0.4382732	0.5898476	1.190838784	-0.4936491
##	[373,]	-0.21058904	-0.4382732	0.5898476	-0.117681892	-0.4936491
##	[374,]	-1.08630583	-0.4382732	0.5898476	1.651794931	-0.4936491
##	[375,]	-0.97684124	-0.4382732	0.5898476	-1.235376636	1.4010356
##	[376,]	1.32191535	-0.4382732	0.5898476	1.136317089	-0.4936491
##	[377,]	1.54084455	-0.4382732	0.5898476	0.930621604	1.4010356
##	[378,]	-0.10112444	-0.4382732	0.5898476	-1.173420164	-0.4936491
##	[379,]	-0.32005364	2.2801299	-2.4156151	1.386621233	1.4010356
##	[380,]	1.97870295	-0.4382732	0.5898476	1.260230031	-0.4936491
##	[381,]	-1.41469963	-0.4382732	0.5898476	1.408925563	1.4010356
##	[382,]	-0.75791204	-0.4382732	0.5898476	-1.488159039	1.4010356
##	[383,]	-1.19577043	2.2801299	-0.9128837	-0.563768486	-0.4936491
##	[384,]	-1.63362883	-0.4382732	0.5898476	-1.361767837	-0.4936491
##	[385,]	-0.10112444	-0.4382732	0.5898476	-1.582332875	1.4010356
##	[386,]	-0.75791204	2.2801299	-0.9128837	-0.838855219	-0.4936491
##	[387,]	0.00834016	-0.4382732	0.5898476	0.754665225	-0.4936491
##	[388,]	0.33673396	-0.4382732	0.5898476	-0.107768856	1.4010356
##	[389,]	0.55566316	-0.4382732	0.5898476	-1.490637298	-0.4936491
##	[390,]	0.00834016	-0.4382732	0.5898476	1.245360478	-0.4936491
##	[391,]	0.66512776	-0.4382732	0.5898476	0.444882868	-0.4936491
##	[392,]	0.33673396	-0.4382732	0.5898476	-0.613333663	-0.4936491
##	[393,]	1.86923835	-0.4382732	0.5898476	0.045883193	-0.4936491
##	[394,]	-0.32005364	-0.4382732	-2.4156151	1.433708151	1.4010356
##	[395,]	-0.64844744	-0.4382732	0.5898476	-0.799203077	-0.4936491
##	[396,]	0.66512776	-0.4382732	-0.9128837	-1.213072306	-0.4936491
##	[397,]	0.66512776	-0.4382732	0.5898476	1.661707966	-0.4936491
##	[398,]	-1.30523503	-0.4382732	0.5898476	0.219361312	1.4010356
##	[399,]	0.00834016	-0.4382732	-2.4156151	0.645621835	-0.4936491
##	[400,]	-0.64844744	-0.4382732	0.5898476	-1.173420164	-0.4936491
##	[401,]	0.22726936	-0.4382732	-0.9128837	1.029751958	-0.4936491
##	[402,]	2.08816755	-0.4382732	-0.9128837	0.256535195	1.4010356
##	[403,]	-0.75791204	-0.4382732	0.5898476	0.692708754	1.4010356
##	[404,]	0.44619856	-0.4382732	0.5898476	-0.390290366	1.4010356
##	[405,]	-0.97684124	-0.4382732	0.5898476	1.232969184	-0.4936491
##	[406,]	-1.30523503	2.2801299	0.5898476	-0.283725235	-0.4936491

##	[407,]	1.65030915	-0.4382732	0.5898476	-1.198202753	-0.4936491
##	[408,]	0.88405696	-0.4382732	0.5898476	-1.512941627	-0.4936491
##	[409,]	1.65030915	-0.4382732	0.5898476	1.703838366	-0.4936491
##	[410,]	0.55566316	-0.4382732	-0.9128837	-0.670333617	-0.4936491
##	[411,]	-0.75791204	-0.4382732	0.5898476	-1.203159270	-0.4936491
##	[412,]	2.52602595	-0.4382732	0.5898476	-0.942942091	-0.4936491
##	[413,]	0.99352156	-0.4382732	0.5898476	1.691447072	-0.4936491
##	[414,]	0.55566316	-0.4382732	-0.9128837	1.401490786	-0.4936491
##	[415,]	-1.41469963	2.2801299	0.5898476	1.599751495	1.4010356
##	[416,]	-0.32005364	2.2801299	-0.9128837	-1.255202706	1.4010356
##	[417,]	0.11780476	-0.4382732	-0.9128837	1.703838366	-0.4936491
##	[418,]	0.33673396	-0.4382732	0.5898476	1.475838552	1.4010356
##	[419,]	-1.19577043	-0.4382732	0.5898476	1.354403868	-0.4936491
##	[420,]	-0.75791204	-0.4382732	-2.4156151	1.480795070	-0.4936491
##	[421,]	-0.86737664	-0.4382732	0.5898476	0.454795904	-0.4936491
##	[422,]	-0.86737664	2.2801299	0.5898476	-0.977637715	-0.4936491
##	[423,]	-1.96202263	2.2801299	0.5898476	-0.776898747	-2.3883338
##	[424,]	-0.75791204	-0.4382732	-2.4156151	1.475838552	1.4010356
##	[425,]	2.19763215	-0.4382732	0.5898476	-1.468332968	1.4010356
##	[426,]	1.43137995	-0.4382732	0.5898476	0.734839154	-0.4936491
##	[427,]	-0.75791204	-0.4382732	-2.4156151	0.776969555	-0.4936491
##	[428,]	2.52602595	-0.4382732	-0.9128837	1.726142696	1.4010356
##	[429,]	1.10298615	-0.4382732	0.5898476	0.447361127	-0.4936491
##	[430,]	0.99352156	-0.4382732	0.5898476	0.511795857	-0.4936491
##	[431,]	-0.21058904	-0.4382732	0.5898476	-1.631898052	-0.4936491
##	[432,]	1.86923835	-0.4382732	0.5898476	-0.630681475	-0.4936491
##	[433,]	-0.32005364	-0.4382732	0.5898476	1.240403961	-0.4936491
##	[434,]	0.99352156	-0.4382732	0.5898476	0.799273884	1.4010356
##	[435,]	-0.64844744	-0.4382732	0.5898476	1.168534454	-0.4936491
##	[436,]	-0.42951824	2.2801299	0.5898476	1.175969230	-0.4936491
##	[437,]	-0.42951824	2.2801299	0.5898476	-0.534029380	-0.4936491
##	[438,]	-0.75791204	-0.4382732	0.5898476	-0.965246420	1.4010356
##	[439,]	-0.21058904	-0.4382732	0.5898476	1.173490972	-0.4936491
##	[440,]	-0.64844744	2.2801299	-0.9128837	-0.665377099	-0.4936491
##	[441,]	-0.32005364	2.2801299	-0.9128837	0.459752421	-2.3883338
##	[442,]	0.55566316	-0.4382732	-0.9128837	1.664186225	-0.4936491
##	[443,]	-0.10112444	-0.4382732	-2.4156151	-0.415072955	1.4010356
##	[444,]	-1.63362883	2.2801299	-0.9128837	1.401490786	-0.4936491
##	[445,]	1.21245075	-0.4382732	0.5898476	-1.584811134	1.4010356
##	[446,]	1.97870295	-0.4382732	0.5898476	0.779447814	1.4010356
##	[447,]	0.44619856	-0.4382732	-2.4156151	-1.327072213	1.4010356
##	[448,]	-0.21058904	-0.4382732	0.5898476	-0.454725096	1.4010356
##	[449,]	0.33673396	-0.4382732	0.5898476	-1.240333153	-0.4936491
##	[450,]	0.22726936	-0.4382732	-0.9128837	-0.890898655	-0.4936491
##	[451,]	-0.64844744	-0.4382732	0.5898476	0.063231004	1.4010356
##	[452,]	0.55566316	-0.4382732	0.5898476	-1.198202753	-0.4936491
##	[453,]	0.88405696	-0.4382732	0.5898476	-0.598464110	1.4010356
##	[454,]	-1.19577043	2.2801299	-0.9128837	-0.933029055	-2.3883338
##	[455,]	-0.86737664	-0.4382732	0.5898476	-1.413811273	-0.4936491
##	[456,]	-0.42951824	-0.4382732	0.5898476	0.296187337	-0.4936491
##	[457,]	-0.64844744	-0.4382732	0.5898476	-0.283725235	1.4010356
##	[458,]	-2.07148723	2.2801299	-0.9128837	1.247838737	1.4010356
##	[459,]	0.33673396	-0.4382732	-2.4156151	0.722447860	1.4010356
##	[460,]	0.44619856	-0.4382732	-2.4156151	-0.727333570	-0.4936491

##	[461,]	-1.19577043	-0.4382732	0.5898476	-0.068116715	1.4010356
##	[462,]	-0.21058904	-0.4382732	0.5898476	-1.505506851	1.4010356
##	[463,]	-0.32005364	-0.4382732	0.5898476	-1.349376543	1.4010356
##	[464,]	-1.19577043	2.2801299	0.5898476	-0.821507407	-0.4936491
##	[465,]	0.00834016	-0.4382732	0.5898476	-0.008638502	-0.4936491
##	[466,]	0.99352156	-0.4382732	-0.9128837	0.573752329	-0.4936491
##	[467,]	0.44619856	-0.4382732	0.5898476	1.173490972	1.4010356
##	[468,]	0.00834016	-0.4382732	-2.4156151	-1.636854570	1.4010356
##	[469,]	1.65030915	-0.4382732	0.5898476	0.380448138	-0.4936491
##	[470,]	-0.53898284	2.2801299	-2.4156151	1.664186225	1.4010356
##	[471,]	-1.41469963	-0.4382732	-0.9128837	-0.662898840	1.4010356
##	[472,]	0.11780476	-0.4382732	0.5898476	1.716229661	-0.4936491
##	[473,]	0.00834016	-0.4382732	0.5898476	-0.883463878	-0.4936491
##	[474,]	1.32191535	-0.4382732	0.5898476	1.096664947	-0.4936491
##	[475,]	-1.41469963	-0.4382732	0.5898476	-0.276290459	-0.4936491
##	[476,]	-1.19577043	-0.4382732	0.5898476	-0.246551352	1.4010356
##	[477,]	-1.41469963	-0.4382732	0.5898476	0.050839710	-0.4936491
##	[478,]	1.43137995	-0.4382732	-0.9128837	1.099143206	-2.3883338
##	[479,]	-1.30523503	-0.4382732	0.5898476	-0.447290320	1.4010356
##	[480,]	-1.41469963	2.2801299	-0.9128837	1.200751819	-0.4936491
##	[481,]	-0.75791204	2.2801299	-0.9128837	-0.878507360	1.4010356
##	[482,]	-0.32005364	-0.4382732	0.5898476	-1.359289578	-0.4936491
##	[483,]	-0.64844744	2.2801299	0.5898476	1.394056010	1.4010356
##	[484,]	-0.21058904	-0.4382732	0.5898476	-0.655464063	-0.4936491
##	[485,]	-0.64844744	-0.4382732	0.5898476	-0.687681429	1.4010356
##	[486,]	-1.08630583	-0.4382732	0.5898476	-0.011116761	-0.4936491
##	[487,]	0.00834016	-0.4382732	0.5898476	-0.605898886	1.4010356
##	[488,]	-1.85255803	-0.4382732	0.5898476	0.387882915	-0.4936491
##	[489,]	0.55566316	-0.4382732	0.5898476	-0.447290320	-0.4936491
##	[490,]	0.66512776	-0.4382732	0.5898476	-0.050768903	-0.4936491
##	[491,]	0.11780476	-0.4382732	0.5898476	-1.091637622	-0.4936491
##	[492,]	0.66512776	-0.4382732	-0.9128837	0.491969786	-0.4936491
##	[493,]	1.21245075	-0.4382732	0.5898476	1.074360617	-0.4936491
##	[494,]	0.77459236	-0.4382732	0.5898476	0.767056519	-2.3883338
##	[495,]	-0.32005364	-0.4382732	0.5898476	-1.483202521	1.4010356
##	[496,]	-1.08630583	2.2801299	0.5898476	1.530360247	1.4010356
##	[497,]	-1.74309343	-0.4382732	0.5898476	1.339534315	1.4010356
##	[498,]	0.77459236	-0.4382732	0.5898476	1.270143067	-0.4936491
##	[499,]	-1.63362883	-0.4382732	0.5898476	-0.491898979	-0.4936491
##	[500,]	-0.42951824	-0.4382732	0.5898476	1.024795440	1.4010356
##	[501,]	-0.53898284	-0.4382732	0.5898476	-0.387812107	-0.4936491
##	[502,]	-0.75791204	-0.4382732	-0.9128837	-1.592245911	-0.4936491
##	[503,]	1.75977375	-0.4382732	0.5898476	-1.398941720	1.4010356
##	[504,]	-0.32005364	-0.4382732	0.5898476	1.473360293	-0.4936491
##	[505,]	0.88405696	2.2801299	-0.9128837	-1.230420118	1.4010356
##	[506,]	-1.19577043	-0.4382732	0.5898476	0.467187198	-0.4936491
##	[507,]	0.00834016	-0.4382732	0.5898476	-0.794246559	-0.4936491
##	[508,]	-0.86737664	-0.4382732	0.5898476	0.925665086	1.4010356
##	[509,]	-0.21058904	-0.4382732	0.5898476	0.531621928	-0.4936491
##	[510,]	-0.42951824	-0.4382732	-0.9128837	1.223056149	-0.4936491
##	[511,]	1.86923835	-0.4382732	0.5898476	-1.004898562	-2.3883338
##	[512,]	-0.10112444	-0.4382732	0.5898476	0.273883007	-0.4936491
##	[513,]	-1.08630583	-0.4382732	0.5898476	0.774491296	-0.4936491
##	[514,]	-1.85255803	2.2801299	0.5898476	1.386621233	-0.4936491

##	[515,]	-0.42951824	2.2801299	-0.9128837	0.677839201	-0.4936491
##	[516,]	-0.21058904	-0.4382732	-2.4156151	-0.187073140	-0.4936491
##	[517,]	-1.52416423	-0.4382732	0.5898476	0.204491759	-0.4936491
##	[518,]	-1.30523503	-0.4382732	0.5898476	0.018622345	1.4010356
##	[519,]	0.11780476	-0.4382732	0.5898476	-1.386550426	1.4010356
##	[520,]	-0.86737664	-0.4382732	-0.9128837	0.008709310	-0.4936491
##	[521,]	1.21245075	-0.4382732	0.5898476	0.035970157	1.4010356
##	[522,]	-1.08630583	-0.4382732	-0.9128837	1.505577658	1.4010356
##	[523,]	0.00834016	-0.4382732	0.5898476	1.047099770	-0.4936491
##	[524,]	1.43137995	-0.4382732	0.5898476	1.002491111	-0.4936491
##	[525,]	-0.32005364	-0.4382732	0.5898476	1.584881941	-0.4936491
##	[526,]	-1.41469963	2.2801299	0.5898476	-0.271333941	1.4010356
##	[527,]	0.22726936	-0.4382732	0.5898476	-0.977637715	-0.4936491
##	[528,]	-0.53898284	-0.4382732	0.5898476	0.313535149	1.4010356
##	[529,]	1.43137995	2.2801299	-0.9128837	-0.595985851	1.4010356
##	[530,]	0.11780476	-0.4382732	0.5898476	0.060752746	-0.4936491
##	[531,]	-1.08630583	-0.4382732	0.5898476	-0.481985944	-0.4936491
##	[532,]	-0.53898284	-0.4382732	0.5898476	0.534100187	-0.4936491
##	[533,]	1.10298615	-0.4382732	0.5898476	-0.246551352	1.4010356
##	[534,]	0.33673396	-0.4382732	-0.9128837	-0.551377192	1.4010356
##	[535,]	1.75977375	-0.4382732	0.5898476	0.415143762	-0.4936491
##	[536,]	0.44619856	-0.4382732	0.5898476	-0.930550796	-2.3883338
##	[537,]	2.52602595	-0.4382732	0.5898476	0.933099863	1.4010356
##	[538,]	-1.08630583	-0.4382732	-0.9128837	-1.260159224	-0.4936491
##	[539,]	0.44619856	-0.4382732	0.5898476	-1.210594047	-2.3883338
##	[540,]	1.43137995	-0.4382732	0.5898476	-1.205637529	1.4010356
##	[541,]	-0.97684124	2.2801299	0.5898476	-0.367986036	-0.4936491
##	[542,]	-0.10112444	-0.4382732	-2.4156151	-0.930550796	-0.4936491
##	[543,]	0.11780476	-0.4382732	0.5898476	-1.572419840	-0.4936491
##	[544,]	0.77459236	-0.4382732	-2.4156151	-1.044550704	-0.4936491
##	[545,]	1.10298615	-0.4382732	-0.9128837	-1.450985156	1.4010356
##	[546,]	-0.75791204	-0.4382732	0.5898476	-0.747159641	1.4010356
##	[547,]	-0.86737664	-0.4382732	0.5898476	1.470882034	1.4010356
##	[548,]	0.55566316	2.2801299	-0.9128837	0.323448184	-0.4936491
##	[549,]	0.66512776	-0.4382732	-0.9128837	-0.068116715	1.4010356
##	[550,]	-0.32005364	-0.4382732	0.5898476	0.415143762	-0.4936491
##	[551,]	-1.52416423	-0.4382732	0.5898476	-0.377899072	-0.4936491
##	[552,]	0.22726936	-0.4382732	0.5898476	-1.639332829	-2.3883338
##	[553,]	2.08816755	-0.4382732	0.5898476	0.073144040	-0.4936491
##	[554,]	0.33673396	-0.4382732	0.5898476	0.003752792	-0.4936491
##	[555,]	-1.08630583	-0.4382732	0.5898476	0.427535056	-0.4936491
##	[556,]	-0.86737664	-0.4382732	0.5898476	0.712534825	1.4010356
##	[557,]	1.75977375	-0.4382732	0.5898476	-1.131289764	-0.4936491
##	[558,]	-0.21058904	-0.4382732	-2.4156151	1.047099770	-0.4936491
##	[559,]	-0.53898284	-0.4382732	-0.9128837	-0.923116020	-0.4936491
##	[560,]	0.11780476	-0.4382732	0.5898476	-1.324593954	-0.4936491
##	[561,]	-0.32005364	-0.4382732	0.5898476	-1.574898099	-0.4936491
##	[562,]	1.65030915	-0.4382732	0.5898476	-0.449768578	1.4010356
##	[563,]	-0.42951824	2.2801299	0.5898476	-0.682724911	-0.4936491
##	[564,]	-1.30523503	-0.4382732	0.5898476	0.199535242	1.4010356
##	[565,]	0.88405696	-0.4382732	0.5898476	0.375491620	1.4010356
##	[566,]	-1.52416423	-0.4382732	0.5898476	-1.220507082	-0.4936491
##	[567,]	1.10298615	2.2801299	-0.9128837	-0.206899211	1.4010356
##	[568,]	-0.32005364	-0.4382732	0.5898476	-1.235376636	1.4010356

##	[569,]	1.97870295	2.2801299	0.5898476	-0.192029658	-0.4936491
##	[570,]	-0.10112444	-0.4382732	-2.4156151	1.565055871	1.4010356
##	[571,]	1.65030915	-0.4382732	-2.4156151	-0.216812246	-0.4936491
##	[572,]	-1.19577043	-0.4382732	-0.9128837	-0.563768486	-0.4936491
##	[573,]	-0.86737664	-0.4382732	0.5898476	-0.360551260	-0.4936491
##	[574,]	-1.19577043	2.2801299	0.5898476	0.851317320	1.4010356
##	[575,]	-0.32005364	-0.4382732	0.5898476	-1.537724216	-0.4936491
##	[576,]	1.86923835	-0.4382732	0.5898476	-1.056941998	-0.4936491
##	[577,]	-1.08630583	-0.4382732	-0.9128837	0.065709263	1.4010356
##	[578,]	0.00834016	-0.4382732	0.5898476	-0.573681521	-0.4936491
##	[579,]	0.11780476	-0.4382732	-0.9128837	-1.393985202	-0.4936491
##	[580,]	-0.32005364	-0.4382732	0.5898476	-1.688898006	-0.4936491
##	[581,]	-0.21058904	-0.4382732	0.5898476	-1.037115927	1.4010356
##	[582,]	-0.75791204	-0.4382732	0.5898476	0.293709078	-0.4936491
##	[583,]	0.33673396	-0.4382732	-0.9128837	-0.028464573	-0.4936491
##	[584,]	-0.32005364	-0.4382732	0.5898476	0.764578260	1.4010356
##	[585,]	0.55566316	-0.4382732	-0.9128837	-0.576159780	-0.4936491
##	[586,]	-1.52416423	2.2801299	0.5898476	1.091708429	-0.4936491
##	[587,]	-1.41469963	-0.4382732	-2.4156151	0.717491342	-0.4936491
##	[588,]	1.65030915	-0.4382732	0.5898476	1.294925655	-0.4936491
##	[589,]	1.43137995	-0.4382732	0.5898476	-0.276290459	-0.4936491
##	[590,]	-0.86737664	2.2801299	0.5898476	0.006231051	-0.4936491
##	[591,]	-0.42951824	-0.4382732	0.5898476	-1.460898191	-0.4936491
##	[592,]	-0.42951824	2.2801299	0.5898476	-1.696332783	1.4010356
##	[593,]	1.10298615	-0.4382732	0.5898476	-1.488159039	-0.4936491
##	[594,]	-0.10112444	-0.4382732	0.5898476	-0.313464341	-0.4936491
##	[595,]	-0.86737664	-0.4382732	0.5898476	1.114012759	-0.4936491
##	[596,]	2.30709675	2.2801299	0.5898476	-1.279985295	-0.4936491
##	[597,]	-0.21058904	-0.4382732	0.5898476	1.128882312	-0.4936491
##	[598,]	0.55566316	-0.4382732	0.5898476	0.320969925	-0.4936491
##	[599,]	-0.97684124	2.2801299	0.5898476	0.216883054	-0.4936491
##	[600,]	-0.10112444	-0.4382732	0.5898476	0.591100141	-2.3883338
##	[601,]	-0.53898284	-0.4382732	0.5898476	0.140057029	-0.4936491
##	[602,]	0.33673396	-0.4382732	-0.9128837	-0.204420952	-0.4936491
##	[603,]	-0.75791204	-0.4382732	0.5898476	0.355665549	-0.4936491
##	[604,]	0.88405696	-0.4382732	0.5898476	-1.364246096	-0.4936491
##	[605,]	0.55566316	-0.4382732	0.5898476	0.323448184	-0.4936491
##	[606,]	0.11780476	-0.4382732	-0.9128837	-0.821507407	-0.4936491
##	[607,]	-0.32005364	-0.4382732	-0.9128837	-0.249029611	-0.4936491
##	[608,]	1.32191535	2.2801299	0.5898476	0.945491157	1.4010356
##	[609,]	1.97870295	2.2801299	0.5898476	-0.908246467	1.4010356
##	[610,]	0.66512776	-0.4382732	0.5898476	-0.529072862	-0.4936491
##	[611,]	-1.08630583	-0.4382732	0.5898476	-1.322115695	-0.4936491
##	[612,]	-0.21058904	-0.4382732	0.5898476	0.365578585	-0.4936491
##	[613,]	-0.97684124	-0.4382732	0.5898476	-0.105290598	1.4010356
##	[614,]	-0.32005364	-0.4382732	0.5898476	0.065709263	-2.3883338
##	[615,]	-1.19577043	2.2801299	-0.9128837	0.209448277	-0.4936491
##	[616,]	-1.08630583	-0.4382732	-2.4156151	-0.890898655	-0.4936491
##	[617,]	1.54084455	-0.4382732	0.5898476	1.277577843	1.4010356
##	[618,]	0.77459236	-0.4382732	0.5898476	-0.439855543	-0.4936491
##	[619,]	-1.30523503	-0.4382732	0.5898476	-1.542680734	-0.4936491
##	[620,]	-0.42951824	-0.4382732	0.5898476	-0.536507638	1.4010356
##	[621,]	-0.21058904	-0.4382732	0.5898476	1.339534315	-0.4936491
##	[622,]	-0.10112444	-0.4382732	0.5898476	0.311056890	1.4010356

##	[623,]	-0.53898284	-0.4382732	0.5898476	-1.698811041	1.4010356
##	[624,]	-0.75791204	-0.4382732	-0.9128837	0.519230634	-0.4936491
##	[625,]	1.75977375	-0.4382732	0.5898476	-0.350638224	1.4010356
##	[626,]	0.88405696	-0.4382732	0.5898476	0.316013408	1.4010356
##	[627,]	-0.53898284	-0.4382732	0.5898476	-0.407638178	-0.4936491
##	[628,]	1.65030915	-0.4382732	-0.9128837	0.216883054	-0.4936491
##	[629,]	0.00834016	-0.4382732	0.5898476	-1.141202799	1.4010356
##	[630,]	-0.97684124	-0.4382732	0.5898476	0.908317274	-2.3883338
##	[631,]	-1.63362883	-0.4382732	0.5898476	1.059491064	-0.4936491
##	[632,]	0.77459236	-0.4382732	0.5898476	0.454795904	-0.4936491
##	[633,]	0.55566316	-0.4382732	-0.9128837	1.161099677	-0.4936491
##	[634,]	-0.10112444	-0.4382732	0.5898476	1.178447489	-2.3883338
##	[635,]	-1.30523503	-0.4382732	0.5898476	-1.639332829	1.4010356
##	[636,]	-0.21058904	-0.4382732	0.5898476	-0.484464202	-0.4936491
##	[637,]	-0.21058904	2.2801299	-0.9128837	-1.666593676	-0.4936491
##	[638,]	-0.53898284	-0.4382732	-2.4156151	-1.245289671	-0.4936491
##	[639,]	-1.30523503	-0.4382732	0.5898476	-0.543942415	1.4010356
##	[640,]	1.32191535	-0.4382732	0.5898476	1.525403729	-0.4936491
##	[641,]	-1.41469963	-0.4382732	-2.4156151	1.156143160	-0.4936491
##	[642,]	-0.53898284	-0.4382732	-0.9128837	-1.049507221	1.4010356
##	[643,]	0.11780476	-0.4382732	0.5898476	-1.009855080	1.4010356
##	[644,]	0.55566316	-0.4382732	0.5898476	1.146230124	-0.4936491
##	[645,]	-0.64844744	-0.4382732	0.5898476	1.039664993	-0.4936491
##	[646,]	-0.86737664	2.2801299	0.5898476	-1.143681058	1.4010356
##	[647,]	1.75977375	-0.4382732	0.5898476	0.162361359	1.4010356
##	[648,]	-0.21058904	-0.4382732	0.5898476	-0.323377377	-0.4936491
##	[649,]	0.00834016	-0.4382732	-0.9128837	1.061969323	1.4010356
##	[650,]	1.75977375	-0.4382732	0.5898476	-1.735984924	-0.4936491
##	[651,]	0.66512776	-0.4382732	-0.9128837	-0.942942091	-0.4936491
##	[652,]	1.10298615	-0.4382732	0.5898476	-1.371680873	1.4010356
##	[653,]	0.00834016	-0.4382732	-2.4156151	1.114012759	1.4010356
##	[654,]	1.43137995	-0.4382732	-2.4156151	0.194578724	-0.4936491
##	[655,]	0.22726936	-0.4382732	0.5898476	1.438664669	-2.3883338
##	[656,]	-0.42951824	-0.4382732	0.5898476	0.675360942	-2.3883338
##	[657,]	-0.53898284	2.2801299	0.5898476	-1.061898516	-0.4936491
##	[658,]	-0.86737664	-0.4382732	0.5898476	0.702621789	-0.4936491
##	[659,]	0.77459236	-0.4382732	0.5898476	-0.350638224	-0.4936491
##	[660,]	-0.97684124	-0.4382732	0.5898476	0.045883193	1.4010356
##	[661,]	2.30709675	2.2801299	-0.9128837	-0.053247162	-0.4936491
##	[662,]	0.66512776	-0.4382732	0.5898476	-1.550115510	-0.4936491
##	[663,]	-1.85255803	2.2801299	0.5898476	-0.749637900	1.4010356
##	[664,]	-1.74309343	2.2801299	0.5898476	1.547708059	-0.4936491
##	[665,]	-0.10112444	-0.4382732	0.5898476	1.542751541	-0.4936491
##	[666,]	1.10298615	-0.4382732	0.5898476	1.614621048	1.4010356
##	[667,]	-1.63362883	2.2801299	0.5898476	-0.459681614	-0.4936491
##	[668,]	0.44619856	2.2801299	0.5898476	0.700143530	-0.4936491
##	[669,]	-0.97684124	-0.4382732	0.5898476	0.477100233	-0.4936491
##	[670,]	0.22726936	2.2801299	0.5898476	0.791839108	-0.4936491
##	[671,]	-1.08630583	-0.4382732	0.5898476	-0.457203355	-0.4936491
##	[672,]	-0.32005364	-0.4382732	0.5898476	-0.635637993	-0.4936491
##	[673,]	0.55566316	-0.4382732	0.5898476	-0.843811736	1.4010356
##	[674,]	-0.42951824	-0.4382732	0.5898476	0.980186781	-0.4936491
##	[675,]	2.30709675	-0.4382732	0.5898476	1.163577936	-0.4936491
##	[676,]	-0.64844744	-0.4382732	0.5898476	-1.607115464	1.4010356

##	[677,]	-0.21058904	-0.4382732	0.5898476	0.829012991	-0.4936491
##	[678,]	1.32191535	-0.4382732	0.5898476	-0.682724911	-0.4936491
##	[679,]	1.21245075	-0.4382732	0.5898476	1.651794931	-0.4936491
##	[680,]	-0.64844744	-0.4382732	-2.4156151	0.955404192	1.4010356
##	[681,]	-0.10112444	-0.4382732	0.5898476	-1.522854663	-0.4936491
##	[682,]	0.11780476	-0.4382732	0.5898476	1.314751726	-0.4936491
##	[683,]	-0.53898284	-0.4382732	-2.4156151	0.945491157	-0.4936491
##	[684,]	-1.30523503	2.2801299	0.5898476	0.159883100	1.4010356
##	[685,]	0.33673396	-0.4382732	0.5898476	-0.358073001	1.4010356
##	[686,]	-1.19577043	-0.4382732	-0.9128837	1.190838784	1.4010356
##	[687,]	0.44619856	-0.4382732	0.5898476	-1.336985249	-0.4936491
##	[688,]	-0.10112444	-0.4382732	0.5898476	0.335839479	-0.4936491
##	[689,]	-1.96202263	2.2801299	0.5898476	-0.950376867	1.4010356
##	[690,]	-1.85255803	2.2801299	0.5898476	-1.669071935	-0.4936491
##	[691,]	-0.64844744	-0.4382732	0.5898476	-0.462159873	-0.4936491
##	[692,]	0.33673396	-0.4382732	-0.9128837	1.651794931	-0.4936491
##	[693,]	-0.53898284	-0.4382732	0.5898476	-0.754594418	-0.4936491
##	[694,]	-0.10112444	2.2801299	0.5898476	-0.675290134	1.4010356
##	[695,]	-0.42951824	-0.4382732	0.5898476	0.660491389	-0.4936491
##	[696,]	0.00834016	2.2801299	0.5898476	-0.439855543	1.4010356
##	[697,]	0.88405696	-0.4382732	-2.4156151	0.006231051	-0.4936491
##	[698,]	-0.86737664	-0.4382732	-0.9128837	1.490708105	1.4010356
##	[699,]	-0.21058904	-0.4382732	0.5898476	1.032230217	1.4010356
##	[700,]	1.65030915	-0.4382732	0.5898476	0.620839247	-0.4936491
##	[701,]	2.30709675	2.2801299	0.5898476	-1.272550518	-0.4936491
##	[702,]	1.75977375	-0.4382732	0.5898476	1.421316857	1.4010356
##	[703,]	-0.75791204	-0.4382732	0.5898476	-1.416289532	1.4010356
##	[704,]	0.11780476	-0.4382732	-2.4156151	-1.612071981	1.4010356
##	[705,]	-0.21058904	-0.4382732	0.5898476	0.197056983	1.4010356
##	[706,]	0.22726936	-0.4382732	0.5898476	0.249100419	1.4010356
##	[707,]	0.33673396	2.2801299	-2.4156151	1.676577519	1.4010356
##	[708,]	1.10298615	-0.4382732	-0.9128837	1.428751634	-0.4936491
##	[709,]	-0.10112444	-0.4382732	-2.4156151	1.057012805	1.4010356
##	[710,]	-0.64844744	2.2801299	-2.4156151	-1.158550611	-0.4936491
##	[711,]	-0.42951824	-0.4382732	-2.4156151	-0.199464434	1.4010356
##	[712,]	-0.86737664	2.2801299	0.5898476	0.256535195	-0.4936491
##	[713,]	-0.42951824	-0.4382732	0.5898476	-0.846289995	-0.4936491
##	[714,]	0.88405696	-0.4382732	0.5898476	0.425056797	-0.4936491
##	[715,]	1.43137995	-0.4382732	0.5898476	0.801752143	-0.4936491
##	[716,]	-0.42951824	-0.4382732	-0.9128837	0.060752746	-0.4936491
##	[717,]	0.44619856	-0.4382732	-0.9128837	0.092970111	-0.4936491
##	[718,]	-1.08630583	-0.4382732	0.5898476	0.821578214	-0.4936491
##	[719,]	0.88405696	-0.4382732	-2.4156151	-1.374159131	-0.4936491
##	[720,]	1.10298615	-0.4382732	0.5898476	0.377969879	1.4010356
##	[721,]	-0.75791204	2.2801299	0.5898476	-1.646767605	-0.4936491
##	[722,]	1.43137995	-0.4382732	0.5898476	0.338317737	-0.4936491
##	[723,]	0.11780476	-0.4382732	-0.9128837	1.458490740	-0.4936491
##	[724,]	0.99352156	-0.4382732	0.5898476	-0.586072816	-0.4936491
##	[725,]	-1.41469963	-0.4382732	0.5898476	1.000012852	-0.4936491
##	[726,]	-0.21058904	2.2801299	0.5898476	-0.447290320	-0.4936491
##	[727,]	-0.64844744	-0.4382732	-0.9128837	0.125187476	-0.4936491
##	[728,]	-2.07148723	-0.4382732	-2.4156151	-1.277507036	-0.4936491
##	[729,]	1.86923835	-0.4382732	0.5898476	1.582403683	-0.4936491
##	[730,]	-0.21058904	-0.4382732	0.5898476	-0.543942415	-0.4936491

##	[731,]	-0.75791204	-0.4382732	0.5898476	-1.609593723	-0.4936491
##	[732,]	-1.85255803	2.2801299	0.5898476	0.729882636	-0.4936491
##	[733,]	-0.75791204	2.2801299	-0.9128837	-1.718637112	-0.4936491
##	[734,]	-1.19577043	-0.4382732	0.5898476	0.653056612	-0.4936491
##	[735,]	-1.63362883	-0.4382732	0.5898476	-1.450985156	-0.4936491
##	[736,]	1.21245075	-0.4382732	0.5898476	-1.302289625	-0.4936491
##	[737,]	1.21245075	-0.4382732	0.5898476	1.369273421	-0.4936491
##	[738,]	0.44619856	-0.4382732	0.5898476	-0.628203216	-0.4936491
##	[739,]	0.22726936	-0.4382732	0.5898476	-0.833898701	-0.4936491
##	[740,]	-1.08630583	-0.4382732	0.5898476	0.625795765	-0.4936491
##	[741,]	-0.21058904	-0.4382732	0.5898476	-0.001203726	-0.4936491
##	[742,]	0.55566316	-0.4382732	0.5898476	-1.332028731	1.4010356
##	[743,]	1.43137995	-0.4382732	0.5898476	0.003752792	-0.4936491
##	[744,]	2.41656135	-0.4382732	0.5898476	-0.216812246	-0.4936491
##	[745,]	0.00834016	2.2801299	0.5898476	0.838926026	-0.4936491
##	[746,]	1.97870295	-0.4382732	-0.9128837	-1.654202382	-0.4936491
##	[747,]	0.44619856	-0.4382732	-2.4156151	-1.376637390	-0.4936491
##	[748,]	0.11780476	-0.4382732	0.5898476	0.576230587	1.4010356
##	[749,]	-1.19577043	2.2801299	-2.4156151	-1.332028731	1.4010356
##	[750,]	1.65030915	2.2801299	0.5898476	-1.329550472	1.4010356
##	[751,]	0.77459236	-0.4382732	0.5898476	1.599751495	1.4010356
##	[752,]	1.43137995	-0.4382732	-2.4156151	-1.629419793	1.4010356
##	[753,]	-0.10112444	2.2801299	0.5898476	0.204491759	-0.4936491
##	[754,]	0.22726936	-0.4382732	-0.9128837	0.353187291	-0.4936491
##	[755,]	-0.42951824	-0.4382732	-2.4156151	0.583665364	1.4010356
##	[756,]	0.88405696	-0.4382732	0.5898476	1.069404100	1.4010356
##	[757,]	-0.53898284	-0.4382732	-2.4156151	0.759621743	-0.4936491
##	[758,]	-0.32005364	-0.4382732	0.5898476	-1.453463415	1.4010356
##	[759,]	2.41656135	-0.4382732	0.5898476	0.710056566	1.4010356
##	[760,]	0.88405696	-0.4382732	0.5898476	-0.035899350	-2.3883338
##	[761,]	1.75977375	-0.4382732	-0.9128837	-1.681463229	1.4010356
##	[762,]	-0.10112444	2.2801299	0.5898476	-0.353116483	-0.4936491
##	[763,]	-1.19577043	2.2801299	-0.9128837	-1.141202799	-0.4936491
##	[764,]	-0.32005364	-0.4382732	0.5898476	1.314751726	1.4010356
##	[765,]	-0.97684124	-0.4382732	0.5898476	0.846360803	1.4010356
##	[766,]	0.11780476	-0.4382732	-0.9128837	0.950447675	-0.4936491
##	[767,]	1.43137995	-0.4382732	0.5898476	1.639403636	-0.4936491
##	[768,]	0.00834016	-0.4382732	0.5898476	-1.681463229	-0.4936491
##	[769,]	0.33673396	-0.4382732	0.5898476	-1.245289671	1.4010356
##	[770,]	-1.19577043	-0.4382732	-0.9128837	0.293709078	-0.4936491
##	[771,]	0.99352156	-0.4382732	0.5898476	-0.923116020	-0.4936491
##	[772,]	1.86923835	-0.4382732	0.5898476	0.692708754	1.4010356
##	[773,]	2.08816755	-0.4382732	-0.9128837	1.084273653	-0.4936491
##	[774,]	-0.10112444	-0.4382732	0.5898476	-0.016073279	-0.4936491
##	[775,]	1.97870295	-0.4382732	-2.4156151	-0.888420396	-0.4936491
##	[776,]	0.66512776	-0.4382732	0.5898476	-0.960289903	1.4010356
##	[777,]	-1.85255803	2.2801299	-0.9128837	-0.082986268	1.4010356
##	[778,]	-1.74309343	2.2801299	0.5898476	1.317229985	-0.4936491
##	[779,]	0.99352156	-0.4382732	0.5898476	0.496926304	-0.4936491
##	[780,]	1.54084455	2.2801299	0.5898476	1.289969138	-0.4936491
##	[781,]	-0.97684124	2.2801299	-2.4156151	1.396534268	-0.4936491
##	[782,]	-1.19577043	-0.4382732	0.5898476	-1.512941627	-0.4936491
##	[783,]	-0.75791204	-0.4382732	0.5898476	0.925665086	-0.4936491
##	[784,]	0.44619856	-0.4382732	0.5898476	-0.727333570	-0.4936491

##	[785,]	0.11780476	-0.4382732	0.5898476	-1.170941905	-0.4936491
##	[786,]	0.33673396	-0.4382732	0.5898476	1.708794884	-0.4936491
##	[787,]	-1.08630583	-0.4382732	-2.4156151	1.175969230	-0.4936491
##	[788,]	1.97870295	-0.4382732	-0.9128837	0.715013083	-0.4936491
##	[789,]	-0.97684124	-0.4382732	0.5898476	0.135100511	-0.4936491
##	[790,]	0.77459236	2.2801299	0.5898476	1.421316857	-2.3883338
##	[791,]	-0.42951824	-0.4382732	0.5898476	-0.367986036	-0.4936491
##	[792,]	-0.21058904	2.2801299	0.5898476	0.995056334	1.4010356
##	[793,]	-0.42951824	2.2801299	-0.9128837	0.060752746	-0.4936491
##	[794,]	-0.97684124	-0.4382732	0.5898476	0.229274348	-0.4936491
##	[795,]	-0.32005364	-0.4382732	-0.9128837	-0.457203355	-0.4936491
##	[796,]	0.00834016	-0.4382732	0.5898476	-1.222985341	1.4010356
##	[797,]	-1.30523503	2.2801299	0.5898476	1.032230217	-0.4936491
##	[798,]	-1.19577043	2.2801299	0.5898476	1.307316950	-0.4936491
##	[799,]	-0.42951824	2.2801299	0.5898476	0.531621928	-0.4936491
##	[800,]	0.55566316	-0.4382732	0.5898476	-0.826463924	-0.4936491
##	[801,]	-0.97684124	2.2801299	-0.9128837	0.511795857	-0.4936491
##	[802,]	1.43137995	2.2801299	-0.9128837	0.387882915	1.4010356
##	[803,]	-0.42951824	-0.4382732	-0.9128837	0.415143762	1.4010356
##	[804,]	-0.32005364	-0.4382732	-2.4156151	-0.261420906	-0.4936491
##	[805,]	1.21245075	-0.4382732	-2.4156151	1.138795348	-0.4936491
##	[806,]	0.88405696	-0.4382732	-2.4156151	0.613404470	1.4010356
##	[807,]	1.65030915	-0.4382732	0.5898476	0.474621974	-0.4936491
##	[808,]	0.11780476	-0.4382732	0.5898476	-0.080508009	1.4010356
##	[809,]	-0.86737664	-0.4382732	0.5898476	0.754665225	-0.4936491
##	[810,]	-0.97684124	-0.4382732	0.5898476	0.365578585	-0.4936491
##	[811,]	0.99352156	-0.4382732	0.5898476	-0.982594232	1.4010356
##	[812,]	0.11780476	-0.4382732	0.5898476	-1.666593676	1.4010356
##	[813,]	0.66512776	-0.4382732	-0.9128837	0.692708754	-0.4936491
##	[814,]	0.22726936	2.2801299	-0.9128837	-1.485680780	-0.4936491
##	[815,]	0.33673396	-0.4382732	0.5898476	1.252795255	-0.4936491
##	[816,]	-1.74309343	-0.4382732	0.5898476	0.449839386	-0.4936491
##	[817,]	0.22726936	-0.4382732	-2.4156151	-0.900811690	-0.4936491
##	[818,]	-0.10112444	-0.4382732	-2.4156151	-1.450985156	-0.4936491
##	[819,]	-0.64844744	-0.4382732	-0.9128837	-0.023508055	1.4010356
##	[820,]	-0.97684124	-0.4382732	0.5898476	1.607186271	-0.4936491
##	[821,]	-0.21058904	-0.4382732	-0.9128837	0.940534639	1.4010356
##	[822,]	1.32191535	-0.4382732	0.5898476	-1.557550287	1.4010356
##	[823,]	-0.32005364	-0.4382732	-0.9128837	0.496926304	-0.4936491
##	[824,]	-0.86737664	-0.4382732	-0.9128837	-0.774420488	-0.4936491
##	[825,]	0.55566316	-0.4382732	0.5898476	-1.522854663	-0.4936491
##	[826,]	-0.86737664	-0.4382732	0.5898476	-0.209377470	-0.4936491
##	[827,]	0.11780476	-0.4382732	0.5898476	-0.915681243	-2.3883338
##	[828,]	-0.97684124	-0.4382732	-0.9128837	-0.073073233	-0.4936491
##	[829,]	-2.07148723	2.2801299	-2.4156151	-1.376637390	-0.4936491
##	[830,]	-0.42951824	2.2801299	0.5898476	-0.494377238	1.4010356
##	[831,]	0.44619856	-0.4382732	0.5898476	-1.574898099	-0.4936491
##	[832,]	-0.64844744	2.2801299	-0.9128837	0.177230912	-0.4936491
##	[833,]	0.00834016	-0.4382732	0.5898476	-1.079246328	-0.4936491
##	[834,]	-1.08630583	-0.4382732	0.5898476	-1.495593815	-0.4936491
##	[835,]	-0.32005364	-0.4382732	0.5898476	1.480795070	1.4010356
##	[836,]	-0.21058904	-0.4382732	0.5898476	-0.680246652	-2.3883338
##	[837,]	-0.86737664	2.2801299	0.5898476	-0.977637715	1.4010356
##	[838,]	0.33673396	-0.4382732	-0.9128837	-0.519159826	-0.4936491

##	[839,]	0.55566316	2.2801299	-0.9128837	-0.796724818	1.4010356
##	[840,]	0.55566316	-0.4382732	0.5898476	-0.385333848	1.4010356
##	[841,]	-0.21058904	-0.4382732	0.5898476	0.444882868	-0.4936491
##	[842,]	-1.41469963	-0.4382732	0.5898476	-0.806637854	-0.4936491
##	[843,]	-0.97684124	2.2801299	0.5898476	1.691447072	-0.4936491
##	[844,]	-1.19577043	-0.4382732	0.5898476	1.441142928	-0.4936491
##	[845,]	-0.75791204	-0.4382732	0.5898476	0.122709217	1.4010356
##	[846,]	0.33673396	-0.4382732	-0.9128837	0.246622160	-0.4936491
##	[847,]	-0.21058904	-0.4382732	0.5898476	0.040926675	-0.4936491
##	[848,]	-0.32005364	-0.4382732	-0.9128837	-0.330812153	-0.4936491
##	[849,]	-0.21058904	-0.4382732	-0.9128837	-0.412594696	-0.4936491
##	[850,]	0.66512776	2.2801299	0.5898476	1.411403822	1.4010356
##	[851,]	-0.53898284	-0.4382732	-2.4156151	0.147491806	1.4010356
##	[852,]	2.08816755	-0.4382732	0.5898476	-0.209377470	-0.4936491
##	[853,]	-0.86737664	-0.4382732	0.5898476	1.483273328	-0.4936491
##	[854,]	-1.96202263	-0.4382732	0.5898476	-0.390290366	-0.4936491
##	[855,]	0.88405696	-0.4382732	0.5898476	1.622055824	-0.4936491
##	[856,]	0.00834016	-0.4382732	0.5898476	0.432491574	-0.4936491
##	[857,]	-1.85255803	-0.4382732	0.5898476	0.006231051	-0.4936491
##	[858,]	0.77459236	2.2801299	0.5898476	0.729882636	-0.4936491
##	[859,]	1.75977375	-0.4382732	0.5898476	1.042143252	-0.4936491
##	[860,]	-0.86737664	-0.4382732	0.5898476	0.345752514	-0.4936491
##	[861,]	-1.63362883	2.2801299	-0.9128837	1.123925794	-0.4936491
##	[862,]	0.99352156	-0.4382732	0.5898476	1.485751587	1.4010356
##	[863,]	0.77459236	-0.4382732	-2.4156151	-1.713680595	-0.4936491
##	[864,]	-0.42951824	-0.4382732	0.5898476	-1.624463276	-2.3883338
##	[865,]	0.44619856	2.2801299	-2.4156151	0.256535195	-0.4936491
##	[866,]	-0.75791204	-0.4382732	0.5898476	1.304838691	1.4010356
##	[867,]	0.33673396	-0.4382732	-0.9128837	0.945491157	1.4010356
##	[868,]	1.43137995	-0.4382732	-0.9128837	1.532838506	-0.4936491
##	[869,]	-0.97684124	-0.4382732	0.5898476	0.933099863	-0.4936491
##	[870,]	0.99352156	-0.4382732	0.5898476	1.604708012	-0.4936491
##	[871,]	-0.21058904	-0.4382732	0.5898476	1.384142974	1.4010356
##	[872,]	-1.41469963	2.2801299	0.5898476	0.449839386	-0.4936491
##	[873,]	-0.42951824	-0.4382732	-0.9128837	0.851317320	1.4010356
##	[874,]	-0.10112444	-0.4382732	0.5898476	0.283796043	-0.4936491
##	[875,]	-0.75791204	-0.4382732	0.5898476	0.125187476	-0.4936491
##	[876,]	0.77459236	-0.4382732	0.5898476	-1.493115556	-0.4936491
##	[877,]	-1.85255803	-0.4382732	0.5898476	-0.367986036	1.4010356
##	[878,]	0.99352156	-0.4382732	0.5898476	-1.617028499	-0.4936491
##	[879,]	0.55566316	-0.4382732	-2.4156151	-1.545158992	-2.3883338
##	[880,]	2.52602595	-0.4382732	0.5898476	-0.263899164	1.4010356
##	[881,]	-0.53898284	-0.4382732	-0.9128837	-1.701289300	-0.4936491
##	[882,]	-0.53898284	-0.4382732	-0.9128837	1.272621326	-0.4936491
##	[883,]	-0.10112444	-0.4382732	0.5898476	-1.089159363	-0.4936491
##	[884,]	-0.42951824	-0.4382732	0.5898476	-1.698811041	-0.4936491
##	[885,]	0.33673396	-0.4382732	0.5898476	-1.723593630	1.4010356
##	[886,]	-1.30523503	-0.4382732	0.5898476	1.371751680	1.4010356
##	[887,]	-0.75791204	-0.4382732	0.5898476	1.641881895	-0.4936491
##	[888,]	0.55566316	-0.4382732	-0.9128837	-0.853724772	-0.4936491
##	[889,]	-0.21058904	-0.4382732	-2.4156151	1.014882405	1.4010356
##	[890,]	-1.08630583	-0.4382732	0.5898476	0.744752190	-0.4936491
##	[891,]	1.86923835	-0.4382732	-0.9128837	0.405230726	-0.4936491
##	[892,]	0.77459236	-0.4382732	0.5898476	0.779447814	-0.4936491

##	[893,]	-1.96202263	2.2801299	-2.4156151	-0.739724865	-0.4936491
##	[894,]	-0.86737664	-0.4382732	0.5898476	0.514274116	-0.4936491
##	[895,]	1.86923835	-0.4382732	0.5898476	-0.291160012	-0.4936491
##	[896,]	-0.64844744	-0.4382732	0.5898476	1.312273467	-0.4936491
##	[897,]	-0.64844744	-0.4382732	0.5898476	0.643143577	-0.4936491
##	[898,]	2.41656135	-0.4382732	0.5898476	-1.180854941	1.4010356
##	[899,]	0.66512776	-0.4382732	0.5898476	0.291230819	-0.4936491
##	[900,]	1.32191535	-0.4382732	0.5898476	0.732360895	-0.4936491
##	[901,]	-0.10112444	-0.4382732	-0.9128837	-0.826463924	-0.4936491
##	[902,]	1.21245075	-0.4382732	0.5898476	0.412665503	-0.4936491
##	[903,]	-1.08630583	-0.4382732	0.5898476	0.903360756	-0.4936491
##	[904,]	-0.86737664	-0.4382732	0.5898476	1.304838691	-0.4936491
##	[905,]	1.21245075	-0.4382732	0.5898476	-0.216812246	-0.4936491
##	[906,]	-0.86737664	-0.4382732	0.5898476	-0.268855682	-0.4936491
##	[907,]	-0.32005364	-0.4382732	0.5898476	1.282534361	-0.4936491
##	[908,]	0.77459236	-0.4382732	0.5898476	0.734839154	1.4010356
##	[909,]	-0.42951824	-0.4382732	0.5898476	-0.660420581	1.4010356
##	[910,]	-1.96202263	-0.4382732	0.5898476	-1.332028731	-0.4936491
##	[911,]	-1.52416423	-0.4382732	0.5898476	-1.064376775	-0.4936491
##	[912,]	-1.30523503	2.2801299	-0.9128837	-0.504290273	1.4010356
##	[913,]	-1.19577043	-0.4382732	0.5898476	-0.543942415	-0.4936491
##	[914,]	0.88405696	2.2801299	0.5898476	1.602229753	1.4010356
##	[915,]	1.97870295	-0.4382732	-2.4156151	-1.550115510	-0.4936491
##	[916,]	-1.74309343	2.2801299	-0.9128837	-1.366724355	-0.4936491
##	[917,]	0.99352156	-0.4382732	0.5898476	-1.572419840	1.4010356
##	[918,]	-0.32005364	-0.4382732	0.5898476	-1.664115417	1.4010356
##	[919,]	1.54084455	-0.4382732	-0.9128837	-1.401419979	1.4010356
##	[920,]	2.41656135	-0.4382732	0.5898476	1.552664576	-0.4936491
##	[921,]	-0.32005364	-0.4382732	-0.9128837	-1.654202382	-0.4936491
##	[922,]	-0.97684124	-0.4382732	-0.9128837	-0.028464573	-0.4936491
##	[923,]	0.77459236	-0.4382732	0.5898476	0.982665040	-0.4936491
##	[924,]	-0.32005364	-0.4382732	-0.9128837	-0.382855589	-2.3883338
##	[925,]	-0.21058904	-0.4382732	0.5898476	-0.167247069	-0.4936491
##	[926,]	0.55566316	-0.4382732	0.5898476	-0.494377238	-0.4936491
##	[927,]	0.66512776	-0.4382732	0.5898476	-0.672811875	1.4010356
##	[928,]	-0.10112444	-0.4382732	0.5898476	-0.925594279	-0.4936491
##	[929,]	0.77459236	2.2801299	0.5898476	-0.449768578	-0.4936491
##	[930,]	-0.97684124	-0.4382732	-0.9128837	-1.510463368	-0.4936491
##	[931,]	1.54084455	-0.4382732	-0.9128837	0.410187244	-0.4936491
##	[932,]	-0.75791204	-0.4382732	-2.4156151	0.189622206	-0.4936491
##	[933,]	-0.86737664	2.2801299	0.5898476	0.008709310	-0.4936491
##	[934,]	-0.97684124	-0.4382732	0.5898476	-0.402681660	-0.4936491
##	[935,]	-1.30523503	-0.4382732	0.5898476	-1.329550472	-0.4936491
##	[936,]	-0.53898284	-0.4382732	0.5898476	-0.491898979	1.4010356
##	[937,]	0.88405696	-0.4382732	-0.9128837	-1.086681104	-0.4936491
##	[938,]	0.22726936	-0.4382732	0.5898476	-0.967724679	-0.4936491
##	[939,]	2.30709675	-0.4382732	0.5898476	0.112796182	-0.4936491
##	[940,]	-0.53898284	2.2801299	0.5898476	0.710056566	-0.4936491
##	[941,]	0.22726936	2.2801299	0.5898476	-1.096594140	-0.4936491
##	[942,]	-0.75791204	-0.4382732	0.5898476	0.831491250	-0.4936491
##	[943,]	-0.10112444	-0.4382732	0.5898476	-1.183333200	-0.4936491
##	[944,]	0.99352156	-0.4382732	0.5898476	0.467187198	-2.3883338
##	[945,]	-0.97684124	-0.4382732	-2.4156151	1.669142743	-0.4936491
##	[946,]	1.43137995	-0.4382732	0.5898476	1.287490879	-0.4936491

##	[947,]	0.33673396	2.2801299	0.5898476	-1.247767930	1.4010356
##	[948,]	1.65030915	2.2801299	0.5898476	0.563839293	1.4010356
##	[949,]	-0.75791204	-0.4382732	0.5898476	-0.417551213	-0.4936491
##	[950,]	0.22726936	-0.4382732	0.5898476	-0.690159687	-0.4936491
##	[951,]	-0.64844744	-0.4382732	-2.4156151	-0.534029380	1.4010356
##	[952,]	0.44619856	-0.4382732	-2.4156151	-1.354333061	1.4010356
##	[953,]	-0.64844744	2.2801299	-0.9128837	0.638187059	1.4010356
##	[954,]	0.77459236	2.2801299	0.5898476	0.328404702	-0.4936491
##	[955,]	0.55566316	-0.4382732	-2.4156151	-0.762029194	-0.4936491
##	[956,]	1.97870295	-0.4382732	0.5898476	-1.289898330	-0.4936491
##	[957,]	2.08816755	-0.4382732	0.5898476	-1.478246003	-2.3883338
##	[958,]	0.33673396	-0.4382732	-2.4156151	-0.853724772	-0.4936491
##	[959,]	-0.32005364	-0.4382732	0.5898476	0.348230773	-0.4936491
##	[960,]	0.33673396	-0.4382732	0.5898476	-0.692637946	-0.4936491
##	[961,]	0.44619856	-0.4382732	-0.9128837	0.534100187	1.4010356
##	[962,]	-0.21058904	-0.4382732	-0.9128837	-0.794246559	-0.4936491
##	[963,]	1.54084455	-0.4382732	0.5898476	-0.080508009	-2.3883338
##	[964,]	0.11780476	-0.4382732	0.5898476	0.511795857	1.4010356
##	[965,]	-0.32005364	-0.4382732	0.5898476	-0.732290088	1.4010356
##	[966,]	-1.30523503	-0.4382732	0.5898476	0.197056983	-0.4936491
##	[967,]	2.30709675	2.2801299	0.5898476	-0.499333756	-0.4936491
##	[968,]	0.33673396	-0.4382732	0.5898476	-1.173420164	-0.4936491
##	[969,]	-0.10112444	-0.4382732	-0.9128837	-0.484464202	1.4010356
##	[970,]	1.21245075	-0.4382732	0.5898476	0.130143994	-0.4936491
##	[971,]	-1.08630583	-0.4382732	0.5898476	1.210664854	1.4010356
##	[972,]	1.54084455	-0.4382732	0.5898476	1.493186364	-0.4936491
##	[973,]	-2.07148723	-0.4382732	-2.4156151	0.796795626	-0.4936491
##	[974,]	-0.21058904	-0.4382732	0.5898476	0.035970157	-0.4936491
##	[975,]	-1.08630583	-0.4382732	-0.9128837	-0.023508055	1.4010356
##	[976,]	1.97870295	2.2801299	0.5898476	-1.327072213	1.4010356
##	[977,]	2.08816755	-0.4382732	0.5898476	1.403969045	-0.4936491
##	[978,]	-0.32005364	-0.4382732	-2.4156151	0.487013269	-0.4936491
##	[979,]	0.33673396	-0.4382732	0.5898476	0.990099816	-0.4936491
##	[980,]	-0.32005364	-0.4382732	0.5898476	-1.282463554	-0.4936491
##	[981,]	-0.64844744	2.2801299	-0.9128837	-0.246551352	1.4010356
##	[982,]	-0.21058904	2.2801299	-0.9128837	-0.348159965	1.4010356
##	[983,]	0.11780476	-0.4382732	-0.9128837	-0.271333941	-0.4936491
##	[984,]	-0.32005364	-0.4382732	0.5898476	-0.987550750	-0.4936491
##	[985,]	-0.97684124	-0.4382732	0.5898476	-0.164768810	1.4010356
##	[986,]	-0.64844744	2.2801299	0.5898476	-1.170941905	-0.4936491
##	[987,]	0.22726936	-0.4382732	0.5898476	1.723664437	1.4010356
##	[988,]	1.54084455	-0.4382732	-0.9128837	-0.648029287	1.4010356
##	[989,]	0.44619856	-0.4382732	-0.9128837	0.985143299	-0.4936491
##	[990,]	0.00834016	-0.4382732	0.5898476	1.577447165	-0.4936491
##	[991,]	-0.42951824	-0.4382732	-0.9128837	0.764578260	1.4010356
##	[992,]	-0.53898284	-0.4382732	0.5898476	-0.752116159	1.4010356
##	[993,]	0.22726936	-0.4382732	-2.4156151	1.691447072	-0.4936491
##	[994,]	-1.30523503	-0.4382732	0.5898476	1.411403822	1.4010356
##	[995,]	1.65030915	-0.4382732	-0.9128837	-1.190767976	-0.4936491
##	[996,]	0.66512776	-0.4382732	0.5898476	0.316013408	-0.4936491
##	[997,]	-1.08630583	-0.4382732	0.5898476	-1.480724262	1.4010356
##	[998,]	-1.08630583	2.2801299	0.5898476	-1.654202382	-0.4936491
##	[999,]	-1.19577043	-0.4382732	0.5898476	-0.296116529	-0.4936491
##	[1000,]	0.55566316	-0.4382732	0.5898476	0.853795579	-2.3883338

## [1001,]	1.65030915	-0.4382732	0.5898476	-1.349376543	-0.4936491
## [1002,]	0.00834016	-0.4382732	0.5898476	1.634447119	-0.4936491
## [1003,]	-0.21058904	-0.4382732	-0.9128837	-1.493115556	-0.4936491
## [1004,]	-1.30523503	-0.4382732	0.5898476	0.363100326	-0.4936491
## [1005,]	-1.19577043	-0.4382732	0.5898476	-0.372942554	-0.4936491
## [1006,]	-0.86737664	-0.4382732	0.5898476	-1.165985388	-2.3883338
## [1007,]	1.32191535	2.2801299	-0.9128837	1.666664484	-0.4936491
## [1008,]	-0.86737664	2.2801299	-0.9128837	-1.153594093	-0.4936491
## [1009,]	1.86923835	-0.4382732	0.5898476	0.417622021	-0.4936491
## [1010,]	2.30709675	-0.4382732	0.5898476	0.625795765	-0.4936491
## [1011,]	1.97870295	-0.4382732	0.5898476	0.826534732	-0.4936491
## [1012,]	-0.10112444	-0.4382732	0.5898476	0.920708568	1.4010356
## [1013,]	-0.64844744	2.2801299	-0.9128837	-0.335768671	1.4010356
## [1014,]	-0.75791204	-0.4382732	0.5898476	0.130143994	1.4010356
## [1015,]	-0.64844744	-0.4382732	0.5898476	-1.537724216	-0.4936491
## [1016,]	-0.32005364	-0.4382732	-0.9128837	-0.600942369	-0.4936491
## [1017,]	-0.64844744	2.2801299	0.5898476	-1.488159039	-0.4936491
## [1018,]	-1.08630583	-0.4382732	0.5898476	1.423795116	-0.4936491
## [1019,]	-0.10112444	-0.4382732	0.5898476	-1.562506804	-0.4936491
## [1020,]	-0.10112444	-0.4382732	0.5898476	-1.173420164	1.4010356
## [1021,]	1.10298615	-0.4382732	0.5898476	-0.836376960	-0.4936491
## [1022,]	-1.30523503	2.2801299	0.5898476	-1.039594186	1.4010356
## [1023,]	0.00834016	-0.4382732	-2.4156151	1.513012435	-0.4936491
## [1024,]	2.08816755	-0.4382732	0.5898476	1.121447536	-0.4936491
## [1025,]	1.10298615	-0.4382732	0.5898476	-1.099072398	-0.4936491
## [1026,]	-1.41469963	-0.4382732	0.5898476	1.669142743	1.4010356
## [1027,]	-0.53898284	-0.4382732	0.5898476	-0.499333756	1.4010356
## [1028,]	-0.32005364	-0.4382732	0.5898476	-0.994985527	-0.4936491
## [1029,]	0.44619856	-0.4382732	0.5898476	1.190838784	-0.4936491
## [1030,]	0.33673396	-0.4382732	-2.4156151	-0.345681707	-0.4936491
## [1031,]	-0.64844744	-0.4382732	0.5898476	-1.180854941	1.4010356
## [1032,]	0.99352156	2.2801299	0.5898476	-1.054463739	1.4010356
## [1033,]	0.22726936	2.2801299	-2.4156151	-0.521638085	-0.4936491
## [1034,]	-0.64844744	2.2801299	-0.9128837	1.592316718	-0.4936491
## [1035,]	0.88405696	-0.4382732	0.5898476	0.583665364	-0.4936491
## [1036,]	-0.64844744	-0.4382732	0.5898476	1.475838552	-2.3883338
## [1037,]	-0.64844744	2.2801299	-0.9128837	-0.692637946	-0.4936491
## [1038,]	0.88405696	-0.4382732	0.5898476	1.599751495	-0.4936491
## [1039,]	1.21245075	-0.4382732	0.5898476	1.037186735	1.4010356
## [1040,]	-0.32005364	2.2801299	0.5898476	0.754665225	-2.3883338
## [1041,]	0.33673396	-0.4382732	-2.4156151	-1.448506897	-0.4936491
## [1042,]	-0.97684124	-0.4382732	0.5898476	0.157404841	1.4010356
## [1043,]	0.77459236	-0.4382732	-2.4156151	0.442404609	-0.4936491
## [1044,]	1.75977375	-0.4382732	0.5898476	-0.880985619	-0.4936491
## [1045,]	1.32191535	-0.4382732	0.5898476	1.716229661	-0.4936491
## [1046,]	0.33673396	-0.4382732	0.5898476	0.231752607	-0.4936491
## [1047,]	0.77459236	-0.4382732	0.5898476	1.646838413	-0.4936491
## [1048,]	-0.42951824	-0.4382732	-0.9128837	-0.923116020	1.4010356
## [1049,]	-0.32005364	-0.4382732	0.5898476	1.297403914	1.4010356
## [1050,]	-0.75791204	-0.4382732	0.5898476	1.376708198	1.4010356
## [1051,]	0.55566316	-0.4382732	-0.9128837	-0.135029704	-0.4936491
## [1052,]	0.77459236	-0.4382732	-0.9128837	-1.039594186	1.4010356
## [1053,]	-0.75791204	-0.4382732	-2.4156151	0.464708939	-0.4936491
## [1054,]	2.19763215	-0.4382732	0.5898476	-0.985072491	-0.4936491

## [1055,]	1.32191535	-0.4382732	0.5898476	1.703838366	-0.4936491
## [1056,]	-0.32005364	-0.4382732	-0.9128837	0.065709263	-0.4936491
## [1057,]	-0.97684124	2.2801299	-0.9128837	1.718707920	1.4010356
## [1058,]	-0.86737664	2.2801299	-0.9128837	-1.703767559	1.4010356
## [1059,]	-0.32005364	2.2801299	0.5898476	-0.030942832	1.4010356
## [1060,]	-0.21058904	-0.4382732	0.5898476	-0.353116483	1.4010356
## [1061,]	-1.41469963	2.2801299	-0.9128837	-1.044550704	-0.4936491
## [1062,]	-1.41469963	-0.4382732	-2.4156151	0.068187522	1.4010356
## [1063,]	0.77459236	-0.4382732	-0.9128837	0.967795487	-0.4936491
## [1064,]	-0.86737664	-0.4382732	0.5898476	1.099143206	1.4010356
## [1065,]	-0.75791204	-0.4382732	0.5898476	-1.170941905	-2.3883338
## [1066,]	1.97870295	-0.4382732	0.5898476	1.057012805	-0.4936491
## [1067,]	-0.42951824	-0.4382732	0.5898476	0.734839154	-0.4936491
## [1068,]	1.10298615	-0.4382732	0.5898476	-0.573681521	1.4010356
## [1069,]	-0.97684124	2.2801299	-0.9128837	-1.272550518	-0.4936491
## [1070,]	-0.97684124	-0.4382732	0.5898476	1.537795023	-0.4936491
## [1071,]	-0.97684124	-0.4382732	-0.9128837	-0.831420442	1.4010356
## [1072,]	1.32191535	-0.4382732	0.5898476	-1.317159178	-0.4936491
## [1073,]	-0.86737664	-0.4382732	-0.9128837	-0.972681197	-0.4936491
## [1074,]	-0.97684124	-0.4382732	0.5898476	0.695187013	-0.4936491
## [1075,]	-0.42951824	-0.4382732	0.5898476	-0.709985758	-0.4936491
## [1076,]	-0.53898284	-0.4382732	0.5898476	-0.762029194	-0.4936491
## [1077,]	1.86923835	-0.4382732	-0.9128837	0.613404470	-0.4936491
## [1078,]	-0.86737664	2.2801299	0.5898476	-1.433637344	-0.4936491
## [1079,]	0.77459236	-0.4382732	0.5898476	-1.651724123	-0.4936491
## [1080,]	0.22726936	-0.4382732	0.5898476	0.710056566	-0.4936491
## [1081,]	0.99352156	-0.4382732	0.5898476	-1.423724308	1.4010356
## [1082,]	-0.21058904	-0.4382732	0.5898476	0.561361034	-0.4936491
## [1083,]	-1.52416423	-0.4382732	0.5898476	-0.732290088	-0.4936491
## [1084,]	0.33673396	2.2801299	0.5898476	-0.313464341	-0.4936491
## [1085,]	-0.32005364	-0.4382732	0.5898476	0.417622021	1.4010356
## [1086,]	-0.64844744	2.2801299	-0.9128837	-0.598464110	-0.4936491
## [1087,]	1.43137995	-0.4382732	-0.9128837	-1.163507129	-0.4936491
## [1088,]	-0.32005364	-0.4382732	0.5898476	1.579925424	1.4010356
## [1089,]	0.55566316	-0.4382732	0.5898476	1.009925887	-0.4936491
## [1090,]	0.00834016	-0.4382732	0.5898476	-0.318420859	-0.4936491
## [1091,]	-0.86737664	-0.4382732	0.5898476	-0.895855172	-0.4936491
## [1092,]	-0.42951824	-0.4382732	0.5898476	-0.563768486	-0.4936491
## [1093,]	0.88405696	-0.4382732	0.5898476	0.365578585	-0.4936491
## [1094,]	0.55566316	-0.4382732	-0.9128837	-1.275028777	-0.4936491
## [1095,]	0.33673396	-0.4382732	0.5898476	1.337056056	1.4010356
## [1096,]	-0.42951824	-0.4382732	0.5898476	-0.529072862	-0.4936491
## [1097,]	0.33673396	-0.4382732	0.5898476	0.236709124	-2.3883338
## [1098,]	-1.41469963	-0.4382732	0.5898476	-1.121376728	-0.4936491
## [1099,]	0.33673396	-0.4382732	-2.4156151	0.841404285	-0.4936491
## [1100,]	0.88405696	-0.4382732	0.5898476	-0.655464063	-0.4936491
## [1101,]	-0.21058904	-0.4382732	0.5898476	1.485751587	1.4010356
## [1102,]	-0.53898284	-0.4382732	0.5898476	0.053317969	-0.4936491
## [1103,]	-0.10112444	-0.4382732	0.5898476	0.878578168	1.4010356
## [1104,]	1.21245075	-0.4382732	0.5898476	-0.769463971	1.4010356
## [1105,]	-0.86737664	-0.4382732	0.5898476	-0.506768532	-0.4936491
## [1106,]	-0.42951824	-0.4382732	0.5898476	1.089230170	1.4010356
## [1107,]	-0.75791204	2.2801299	0.5898476	-0.154855775	1.4010356
## [1108,]	0.11780476	-0.4382732	-0.9128837	0.211926536	-2.3883338

## [1109,]	-0.21058904	-0.4382732	0.5898476	0.469665457	-0.4936491
## [1110,]	-0.75791204	-0.4382732	0.5898476	1.203230078	1.4010356
## [1111,]	-0.21058904	2.2801299	0.5898476	-1.731028407	-0.4936491
## [1112,]	1.75977375	2.2801299	0.5898476	-0.484464202	-0.4936491
## [1113,]	0.11780476	2.2801299	0.5898476	0.249100419	-0.4936491
## [1114,]	-0.53898284	-0.4382732	-2.4156151	0.985143299	-0.4936491
## [1115,]	1.21245075	-0.4382732	0.5898476	0.757143484	-0.4936491
## [1116,]	-0.32005364	-0.4382732	0.5898476	-0.801681336	-0.4936491
## [1117,]	1.97870295	-0.4382732	0.5898476	-0.291160012	1.4010356
## [1118,]	-0.32005364	-0.4382732	0.5898476	1.359360386	-0.4936491
## [1119,]	-1.19577043	-0.4382732	0.5898476	-0.814072630	-0.4936491
## [1120,]	0.11780476	-0.4382732	0.5898476	1.096664947	1.4010356
## [1121,]	0.11780476	-0.4382732	0.5898476	-0.905768208	1.4010356
## [1122,]	-0.10112444	-0.4382732	0.5898476	0.202013500	1.4010356
## [1123,]	-0.86737664	-0.4382732	0.5898476	1.406447304	-0.4936491
## [1124,]	-0.21058904	-0.4382732	0.5898476	-0.328333895	-0.4936491
## [1125,]	0.22726936	-0.4382732	0.5898476	1.634447119	1.4010356
## [1126,]	-0.86737664	-0.4382732	-0.9128837	0.477100233	-0.4936491
## [1127,]	1.43137995	-0.4382732	0.5898476	-1.334506990	1.4010356
## [1128,]	-1.52416423	-0.4382732	0.5898476	0.432491574	-0.4936491
## [1129,]	-0.10112444	-0.4382732	-0.9128837	1.237925702	-0.4936491
## [1130,]	0.55566316	-0.4382732	0.5898476	0.635708800	-0.4936491
## [1131,]	-0.21058904	-0.4382732	0.5898476	-0.130073186	-0.4936491
## [1132,]	-0.32005364	-0.4382732	-0.9128837	-0.370464295	-0.4936491
## [1133,]	0.33673396	-0.4382732	0.5898476	-1.696332783	1.4010356
## [1134,]	0.66512776	-0.4382732	0.5898476	0.464708939	-0.4936491
## [1135,]	-0.21058904	-0.4382732	0.5898476	1.354403868	-0.4936491
## [1136,]	0.99352156	-0.4382732	0.5898476	-0.593507592	1.4010356
## [1137,]	-0.97684124	2.2801299	0.5898476	-1.173420164	-0.4936491
## [1138,]	-1.63362883	-0.4382732	-2.4156151	-0.856203031	-0.4936491
## [1139,]	1.43137995	-0.4382732	-0.9128837	1.069404100	-0.4936491
## [1140,]	-0.53898284	-0.4382732	0.5898476	-0.417551213	-0.4936491
## [1141,]	0.77459236	-0.4382732	0.5898476	1.265186549	-0.4936491
## [1142,]	-0.75791204	-0.4382732	0.5898476	-1.391506943	-0.4936491
## [1143,]	0.88405696	-0.4382732	0.5898476	0.526665410	-0.4936491
## [1144,]	0.88405696	-0.4382732	-2.4156151	-1.156072352	1.4010356
## [1145,]	-0.64844744	-0.4382732	-0.9128837	-0.216812246	1.4010356
## [1146,]	-0.10112444	-0.4382732	0.5898476	-0.603420627	-0.4936491
## [1147,]	-0.32005364	-0.4382732	-0.9128837	-0.933029055	-0.4936491
## [1148,]	1.32191535	-0.4382732	0.5898476	-0.199464434	-0.4936491
## [1149,]	0.22726936	-0.4382732	0.5898476	1.448577704	-0.4936491
## [1150,]	-1.08630583	-0.4382732	0.5898476	1.237925702	-0.4936491
## [1151,]	-0.21058904	-0.4382732	0.5898476	0.040926675	-0.4936491
## [1152,]	-0.97684124	-0.4382732	0.5898476	-0.551377192	-0.4936491
## [1153,]	-1.74309343	-0.4382732	0.5898476	-0.635637993	-0.4936491
## [1154,]	-2.07148723	2.2801299	-0.9128837	-0.640594510	1.4010356
## [1155,]	1.10298615	-0.4382732	0.5898476	0.925665086	-2.3883338
## [1156,]	0.22726936	-0.4382732	0.5898476	-1.567463322	-0.4936491
## [1157,]	0.33673396	-0.4382732	0.5898476	0.202013500	-0.4936491
## [1158,]	-0.21058904	-0.4382732	-2.4156151	-1.473289486	-0.4936491
## [1159,]	0.00834016	-0.4382732	0.5898476	-0.325855636	-0.4936491
## [1160,]	0.22726936	-0.4382732	-0.9128837	-0.226725282	-0.4936491
## [1161,]	0.88405696	-0.4382732	0.5898476	1.304838691	-0.4936491
## [1162,]	0.11780476	-0.4382732	0.5898476	-1.004898562	-0.4936491

## [1163,]	-0.21058904	2.2801299	0.5898476	-0.162290551	1.4010356
## [1164,]	0.00834016	-0.4382732	0.5898476	1.654273189	-0.4936491
## [1165,]	0.33673396	-0.4382732	0.5898476	-0.878507360	-0.4936491
## [1166,]	0.77459236	-0.4382732	-0.9128837	-0.496855497	-2.3883338
## [1167,]	1.21245075	-0.4382732	-0.9128837	-1.084202845	-0.4936491
## [1168,]	-0.21058904	2.2801299	0.5898476	-0.097855821	1.4010356
## [1169,]	-1.41469963	-0.4382732	-0.9128837	-0.583594557	-0.4936491
## [1170,]	-1.08630583	-0.4382732	0.5898476	-0.784333524	-0.4936491
## [1171,]	-1.08630583	-0.4382732	-0.9128837	-0.524116344	-0.4936491
## [1172,]	0.33673396	2.2801299	0.5898476	1.304838691	-0.4936491
## [1173,]	-0.86737664	-0.4382732	0.5898476	-0.826463924	1.4010356
## [1174,]	-0.10112444	-0.4382732	0.5898476	-0.226725282	-0.4936491
## [1175,]	-1.30523503	-0.4382732	-0.9128837	-0.075551491	-0.4936491
## [1176,]	0.22726936	-0.4382732	0.5898476	-0.769463971	-0.4936491
## [1177,]	1.32191535	-0.4382732	0.5898476	-1.242811412	-0.4936491
## [1178,]	1.43137995	-0.4382732	0.5898476	0.026057122	-0.4936491
## [1179,]	-1.85255803	-0.4382732	0.5898476	0.838926026	1.4010356
## [1180,]	-0.32005364	-0.4382732	0.5898476	0.811665179	-0.4936491
## [1181,]	-0.10112444	-0.4382732	0.5898476	-1.218028824	-0.4936491
## [1182,]	1.32191535	-0.4382732	0.5898476	-0.836376960	-0.4936491
## [1183,]	-0.10112444	-0.4382732	-2.4156151	0.226796089	-0.4936491
## [1184,]	-0.10112444	-0.4382732	0.5898476	0.588621882	-0.4936491
## [1185,]	1.86923835	-0.4382732	0.5898476	-0.541464156	-0.4936491
## [1186,]	0.66512776	-0.4382732	0.5898476	1.210664854	-0.4936491
## [1187,]	-0.21058904	2.2801299	-0.9128837	0.192100465	1.4010356
## [1188,]	0.11780476	-0.4382732	-0.9128837	0.957882451	-0.4936491
## [1189,]	-0.86737664	-0.4382732	0.5898476	0.467187198	1.4010356
## [1190,]	-0.42951824	-0.4382732	0.5898476	-1.017289856	1.4010356
## [1191,]	-0.53898284	-0.4382732	0.5898476	0.432491574	-0.4936491
## [1192,]	-0.64844744	-0.4382732	0.5898476	0.767056519	1.4010356
## [1193,]	1.32191535	-0.4382732	0.5898476	-0.838855219	-0.4936491
## [1194,]	0.11780476	-0.4382732	-0.9128837	-1.621985017	-0.4936491
## [1195,]	1.10298615	-0.4382732	0.5898476	1.047099770	1.4010356
## [1196,]	1.32191535	-0.4382732	0.5898476	0.016144086	-0.4936491
## [1197,]	0.44619856	-0.4382732	0.5898476	1.000012852	1.4010356
## [1198,]	-1.85255803	-0.4382732	0.5898476	-0.187073140	1.4010356
## [1199,]	-0.42951824	-0.4382732	-2.4156151	-0.675290134	1.4010356
## [1200,]	-0.10112444	-0.4382732	0.5898476	1.359360386	-0.4936491
## [1201,]	0.77459236	-0.4382732	0.5898476	-0.680246652	-2.3883338
## [1202,]	-1.52416423	2.2801299	0.5898476	1.282534361	-0.4936491
## [1203,]	0.11780476	-0.4382732	0.5898476	1.716229661	-0.4936491
## [1204,]	1.75977375	-0.4382732	0.5898476	1.468403775	-0.4936491
## [1205,]	1.21245075	2.2801299	-0.9128837	-0.234160058	1.4010356
## [1206,]	-0.53898284	2.2801299	0.5898476	1.131360571	-0.4936491
## [1207,]	-1.19577043	-0.4382732	-2.4156151	-0.040855867	-0.4936491
## [1208,]	1.97870295	-0.4382732	0.5898476	1.582403683	-0.4936491
## [1209,]	-0.32005364	-0.4382732	0.5898476	0.878578168	-0.4936491
## [1210,]	2.52602595	-0.4382732	0.5898476	-1.071811551	-0.4936491
## [1211,]	-0.42951824	-0.4382732	0.5898476	-1.327072213	-0.4936491
## [1212,]	0.00834016	-0.4382732	-0.9128837	1.178447489	1.4010356
## [1213,]	-0.32005364	-0.4382732	0.5898476	-0.308507824	-0.4936491
## [1214,]	-1.52416423	2.2801299	0.5898476	-0.930550796	1.4010356
## [1215,]	0.77459236	-0.4382732	0.5898476	0.293709078	-0.4936491
## [1216,]	-0.21058904	-0.4382732	-0.9128837	-1.626941535	-0.4936491

## [1217,]	0.66512776	-0.4382732	0.5898476	0.933099863	1.4010356
## [1218,]	-1.41469963	-0.4382732	0.5898476	-0.548898933	-0.4936491
## [1219,]	0.44619856	-0.4382732	0.5898476	0.286274301	1.4010356
## [1220,]	-0.86737664	-0.4382732	0.5898476	0.692708754	-0.4936491
## [1221,]	-0.10112444	-0.4382732	0.5898476	-0.675290134	1.4010356
## [1222,]	0.88405696	-0.4382732	-2.4156151	1.079317135	-0.4936491
## [1223,]	-1.41469963	2.2801299	0.5898476	-1.393985202	-2.3883338
## [1224,]	1.10298615	2.2801299	-0.9128837	0.719969601	1.4010356
## [1225,]	-1.19577043	-0.4382732	0.5898476	-1.022246374	-0.4936491
## [1226,]	0.88405696	-0.4382732	0.5898476	0.501882822	-0.4936491
## [1227,]	-0.53898284	-0.4382732	-0.9128837	-0.538985897	-0.4936491
## [1228,]	-0.64844744	-0.4382732	0.5898476	-0.152377516	-0.4936491
## [1229,]	0.44619856	-0.4382732	-2.4156151	-0.620768439	-2.3883338
## [1230,]	0.33673396	-0.4382732	0.5898476	-1.074289810	-0.4936491
## [1231,]	-1.41469963	-0.4382732	0.5898476	-0.734768347	-0.4936491
## [1232,]	0.99352156	-0.4382732	0.5898476	-0.211855728	-0.4936491
## [1233,]	-0.21058904	-0.4382732	0.5898476	1.406447304	-0.4936491
## [1234,]	-0.75791204	-0.4382732	0.5898476	-0.023508055	-0.4936491
## [1235,]	1.10298615	-0.4382732	-2.4156151	-0.643072769	1.4010356
## [1236,]	0.99352156	-0.4382732	0.5898476	1.175969230	1.4010356
## [1237,]	-0.10112444	2.2801299	0.5898476	1.619577565	1.4010356
## [1238,]	-0.53898284	2.2801299	0.5898476	0.400274209	1.4010356
## [1239,]	-1.52416423	-0.4382732	0.5898476	-1.592245911	-0.4936491
## [1240,]	-0.64844744	-0.4382732	-0.9128837	-1.584811134	-0.4936491
## [1241,]	0.22726936	-0.4382732	-2.4156151	-0.025986314	-0.4936491
## [1242,]	-0.53898284	-0.4382732	0.5898476	-1.069333292	1.4010356
## [1243,]	0.33673396	-0.4382732	0.5898476	-0.474551167	1.4010356
## [1244,]	0.88405696	-0.4382732	0.5898476	-1.552593769	-2.3883338
## [1245,]	-0.75791204	-0.4382732	-0.9128837	1.262708290	-0.4936491
## [1246,]	-1.41469963	-0.4382732	-0.9128837	0.234230865	-2.3883338
## [1247,]	-0.75791204	2.2801299	-0.9128837	-0.501812014	-2.3883338
## [1248,]	-0.64844744	-0.4382732	0.5898476	0.496926304	1.4010356
## [1249,]	-1.08630583	-0.4382732	0.5898476	0.623317506	-0.4936491
## [1250,]	-0.86737664	2.2801299	0.5898476	-0.928072537	1.4010356
## [1251,]	-0.86737664	-0.4382732	-0.9128837	-0.846289995	-0.4936491
## [1252,]	-0.75791204	-0.4382732	0.5898476	0.437448092	1.4010356
## [1253,]	-0.32005364	-0.4382732	0.5898476	-1.540202475	-0.4936491
## [1254,]	-0.42951824	-0.4382732	-2.4156151	1.190838784	1.4010356
## [1255,]	1.32191535	-0.4382732	0.5898476	1.265186549	1.4010356
## [1256,]	-0.42951824	2.2801299	0.5898476	-1.465854709	1.4010356
## [1257,]	0.11780476	-0.4382732	-0.9128837	-0.516681568	-0.4936491
## [1258,]	-0.64844744	2.2801299	0.5898476	0.685273977	1.4010356
## [1259,]	-0.86737664	-0.4382732	0.5898476	-0.526594603	-0.4936491
## [1260,]	-0.75791204	-0.4382732	0.5898476	-1.232898377	-0.4936491
## [1261,]	-0.53898284	-0.4382732	-2.4156151	0.373013361	-0.4936491
## [1262,]	0.11780476	-0.4382732	0.5898476	0.075622299	-0.4936491
## [1263,]	0.66512776	2.2801299	-0.9128837	0.011187569	-0.4936491
## [1264,]	0.55566316	-0.4382732	0.5898476	0.130143994	-0.4936491
## [1265,]	1.97870295	-0.4382732	0.5898476	-0.804159595	-0.4936491
## [1266,]	-0.42951824	-0.4382732	-2.4156151	-0.068116715	-0.4936491
## [1267,]	0.44619856	-0.4382732	0.5898476	-0.630681475	-0.4936491
## [1268,]	-0.32005364	-0.4382732	-2.4156151	1.418838598	1.4010356
## [1269,]	1.75977375	-0.4382732	-2.4156151	-0.350638224	-0.4936491
## [1270,]	0.66512776	-0.4382732	0.5898476	-1.384072167	-2.3883338

## [1271,]	-0.32005364	-0.4382732	0.5898476	-0.722377053	1.4010356
## [1272,]	-1.74309343	2.2801299	0.5898476	-1.153594093	1.4010356
## [1273,]	0.11780476	-0.4382732	0.5898476	0.868665132	-0.4936491
## [1274,]	-1.63362883	2.2801299	0.5898476	1.218099631	-0.4936491
## [1275,]	-0.64844744	-0.4382732	0.5898476	-1.503028592	1.4010356
## [1276,]	1.54084455	-0.4382732	0.5898476	0.345752514	-0.4936491
## [1277,]	0.00834016	-0.4382732	0.5898476	-0.529072862	1.4010356
## [1278,]	0.99352156	-0.4382732	0.5898476	-0.169725328	-0.4936491
## [1279,]	-0.10112444	-0.4382732	0.5898476	1.438664669	-0.4936491
## [1280,]	0.77459236	2.2801299	-0.9128837	-0.925594279	-0.4936491
## [1281,]	0.00834016	-0.4382732	0.5898476	1.081795394	-2.3883338
## [1282,]	-0.21058904	2.2801299	0.5898476	-1.237854894	1.4010356
## [1283,]	-0.42951824	-0.4382732	0.5898476	0.159883100	-0.4936491
## [1284,]	-0.97684124	-0.4382732	0.5898476	0.938056380	-0.4936491
## [1285,]	0.22726936	-0.4382732	0.5898476	1.116491018	-0.4936491
## [1286,]	0.99352156	-0.4382732	-2.4156151	0.115274440	1.4010356
## [1287,]	0.33673396	-0.4382732	0.5898476	-0.462159873	-0.4936491
## [1288,]	0.55566316	-0.4382732	0.5898476	0.806708661	-0.4936491
## [1289,]	-0.21058904	-0.4382732	-2.4156151	0.935578121	-0.4936491
## [1290,]	0.11780476	-0.4382732	-2.4156151	1.322186503	-2.3883338
## [1291,]	-0.32005364	2.2801299	-0.9128837	-1.408854755	-0.4936491
## [1292,]	0.00834016	2.2801299	0.5898476	-1.071811551	-0.4936491
## [1293,]	0.22726936	-0.4382732	-0.9128837	-0.090421045	1.4010356
## [1294,]	0.66512776	-0.4382732	-2.4156151	-1.138724540	-0.4936491
## [1295,]	0.44619856	-0.4382732	0.5898476	-0.880985619	-0.4936491
## [1296,]	0.44619856	-0.4382732	0.5898476	-0.016073279	1.4010356
## [1297,]	-0.75791204	-0.4382732	0.5898476	0.717491342	-0.4936491
## [1298,]	-1.19577043	2.2801299	0.5898476	0.291230819	-2.3883338
## [1299,]	0.99352156	2.2801299	0.5898476	-1.341941766	-0.4936491
## [1300,]	0.33673396	-0.4382732	0.5898476	0.970273745	-0.4936491
## [1301,]	-0.32005364	-0.4382732	0.5898476	0.018622345	1.4010356
## [1302,]	2.30709675	-0.4382732	-2.4156151	-1.121376728	1.4010356
## [1303,]	-0.21058904	-0.4382732	0.5898476	-1.530289439	-0.4936491
## [1304,]	1.10298615	-0.4382732	0.5898476	0.491969786	-0.4936491
## [1305,]	0.33673396	-0.4382732	0.5898476	-0.130073186	-0.4936491
## [1306,]	1.86923835	-0.4382732	0.5898476	-0.920637761	-0.4936491
## [1307,]	-0.64844744	-0.4382732	-0.9128837	0.799273884	1.4010356
## [1308,]	-0.97684124	-0.4382732	0.5898476	1.027273699	-0.4936491
## [1309,]	0.11780476	-0.4382732	0.5898476	-0.196986175	1.4010356
## [1310,]	-1.19577043	-0.4382732	0.5898476	-0.571203262	1.4010356
## [1311,]	2.30709675	-0.4382732	-0.9128837	1.024795440	-0.4936491
## [1312,]	-2.07148723	-0.4382732	-2.4156151	1.557621094	-0.4936491
## [1313,]	-0.64844744	2.2801299	0.5898476	-1.099072398	-2.3883338
## [1314,]	-0.86737664	2.2801299	0.5898476	-1.121376728	-2.3883338
## [1315,]	0.88405696	-0.4382732	-2.4156151	-0.529072862	1.4010356
## [1316,]	-0.10112444	-0.4382732	0.5898476	-0.923116020	-0.4936491
## [1317,]	0.66512776	-0.4382732	-0.9128837	1.535316764	1.4010356
## [1318,]	-1.08630583	-0.4382732	-0.9128837	1.225534407	-0.4936491
## [1319,]	-0.86737664	-0.4382732	-0.9128837	-0.566246745	-0.4936491
## [1320,]	-0.53898284	-0.4382732	-0.9128837	1.277577843	1.4010356
## [1321,]	0.55566316	-0.4382732	-2.4156151	-1.108985434	-0.4936491
## [1322,]	1.10298615	-0.4382732	0.5898476	-1.475767744	-0.4936491
## [1323,]	0.99352156	-0.4382732	0.5898476	-0.239116576	-0.4936491
## [1324,]	-0.97684124	-0.4382732	-2.4156151	-1.294854848	-2.3883338

## [1325,]	-0.86737664	-0.4382732	0.5898476	-0.189551399	-0.4936491
## [1326,]	0.55566316	-0.4382732	0.5898476	0.841404285	-0.4936491
## [1327,]	-0.53898284	2.2801299	0.5898476	-0.962768161	1.4010356
## [1328,]	0.99352156	-0.4382732	0.5898476	1.280056102	1.4010356
## [1329,]	-1.08630583	-0.4382732	0.5898476	-0.184594881	1.4010356
## [1330,]	-0.86737664	-0.4382732	0.5898476	-1.116420210	-2.3883338
## [1331,]	0.66512776	-0.4382732	0.5898476	0.050839710	-0.4936491
## [1332,]	1.21245075	-0.4382732	0.5898476	1.044621511	-0.4936491
## [1333,]	-0.86737664	2.2801299	-0.9128837	-0.851246513	-0.4936491
## [1334,]	0.99352156	2.2801299	0.5898476	1.118969277	1.4010356
## [1335,]	-1.08630583	-0.4382732	-0.9128837	0.814143438	-0.4936491
## [1336,]	0.22726936	-0.4382732	0.5898476	0.080578816	-0.4936491
## [1337,]	1.97870295	-0.4382732	0.5898476	0.083057075	-0.4936491
## [1338,]	-0.97684124	-0.4382732	0.5898476	0.915752051	1.4010356
## [1339,]	-0.75791204	2.2801299	0.5898476	0.353187291	1.4010356
## [1340,]	-1.63362883	2.2801299	0.5898476	-1.019768115	-0.4936491
## [1341,]	-0.10112444	-0.4382732	0.5898476	1.148708383	1.4010356
## [1342,]	-0.64844744	-0.4382732	0.5898476	-1.218028824	-0.4936491
## [1343,]	-0.32005364	-0.4382732	0.5898476	1.679055778	1.4010356
## [1344,]	-0.86737664	-0.4382732	0.5898476	-0.521638085	-0.4936491
## [1345,]	0.00834016	-0.4382732	0.5898476	-0.048290644	-0.4936491
## [1346,]	-0.21058904	-0.4382732	0.5898476	-1.446028638	-0.4936491
## [1347,]	0.88405696	-0.4382732	0.5898476	-0.610855404	-0.4936491
## [1348,]	-0.10112444	-0.4382732	-0.9128837	1.017360664	-2.3883338
## [1349,]	0.33673396	-0.4382732	0.5898476	0.829012991	-0.4936491
## [1350,]	-1.19577043	-0.4382732	0.5898476	-0.794246559	-0.4936491
## [1351,]	-1.08630583	-0.4382732	0.5898476	-0.722377053	1.4010356
## [1352,]	1.21245075	-0.4382732	-0.9128837	-1.698811041	-0.4936491
## [1353,]	0.77459236	-0.4382732	0.5898476	-1.567463322	-0.4936491
## [1354,]	-0.32005364	2.2801299	-2.4156151	0.407708985	-0.4936491
## [1355,]	2.08816755	2.2801299	0.5898476	0.890969462	-0.4936491
## [1356,]	-0.10112444	-0.4382732	0.5898476	-1.158550611	1.4010356
## [1357,]	0.44619856	-0.4382732	0.5898476	-1.153594093	1.4010356
## [1358,]	0.55566316	-0.4382732	0.5898476	1.470882034	-0.4936491
## [1359,]	-0.64844744	-0.4382732	0.5898476	0.685273977	1.4010356
## [1360,]	-0.32005364	-0.4382732	0.5898476	-0.167247069	1.4010356
## [1361,]	-0.64844744	-0.4382732	0.5898476	-0.821507407	-0.4936491
## [1362,]	-1.19577043	-0.4382732	-0.9128837	0.727404378	-0.4936491
## [1363,]	0.88405696	-0.4382732	-0.9128837	1.225534407	-0.4936491
## [1364,]	-0.42951824	-0.4382732	0.5898476	-1.450985156	1.4010356
## [1365,]	-0.97684124	-0.4382732	-0.9128837	-0.048290644	1.4010356
## [1366,]	-0.86737664	2.2801299	-0.9128837	-0.139986222	1.4010356
## [1367,]	0.22726936	-0.4382732	-2.4156151	1.111534500	1.4010356
## [1368,]	-1.08630583	-0.4382732	0.5898476	1.366795162	-0.4936491
## [1369,]	-0.32005364	-0.4382732	-0.9128837	-0.167247069	-0.4936491
## [1370,]	-0.97684124	2.2801299	0.5898476	1.666664484	1.4010356
## [1371,]	1.10298615	-0.4382732	-2.4156151	0.908317274	-0.4936491
## [1372,]	2.08816755	-0.4382732	0.5898476	1.587360200	1.4010356
## [1373,]	0.22726936	-0.4382732	0.5898476	0.159883100	-0.4936491
## [1374,]	0.11780476	-0.4382732	-0.9128837	1.465925516	-0.4936491
## [1375,]	2.30709675	-0.4382732	0.5898476	-0.489420720	1.4010356
## [1376,]	-0.53898284	2.2801299	-0.9128837	-1.398941720	-0.4936491
## [1377,]	0.11780476	-0.4382732	0.5898476	1.000012852	-0.4936491
## [1378,]	1.32191535	-0.4382732	-0.9128837	0.648100094	-0.4936491

## [1379,]	0.55566316	-0.4382732	0.5898476	-0.950376867	1.4010356
## [1380,]	-1.08630583	2.2801299	-0.9128837	1.324664762	-2.3883338
## [1381,]	-0.21058904	-0.4382732	0.5898476	-0.298594788	1.4010356
## [1382,]	-0.97684124	-0.4382732	-2.4156151	0.744752190	-0.4936491
## [1383,]	-0.64844744	-0.4382732	-2.4156151	0.430013315	-0.4936491
## [1384,]	-0.10112444	-0.4382732	-2.4156151	1.359360386	-0.4936491
## [1385,]	-0.32005364	-0.4382732	0.5898476	0.333361220	1.4010356
## [1386,]	-0.32005364	-0.4382732	0.5898476	1.081795394	1.4010356
## [1387,]	-1.19577043	-0.4382732	0.5898476	-1.599680687	-0.4936491
## [1388,]	-0.86737664	-0.4382732	0.5898476	-1.651724123	-0.4936491
## [1389,]	-0.53898284	-0.4382732	-2.4156151	0.851317320	-0.4936491
## [1390,]	-0.64844744	-0.4382732	-0.9128837	0.799273884	-0.4936491
## [1391,]	-0.97684124	2.2801299	0.5898476	1.490708105	-0.4936491
## [1392,]	0.11780476	-0.4382732	0.5898476	1.490708105	1.4010356
## [1393,]	-0.21058904	-0.4382732	0.5898476	1.044621511	1.4010356
## [1394,]	-1.08630583	-0.4382732	0.5898476	0.375491620	1.4010356
## [1395,]	-0.53898284	-0.4382732	0.5898476	1.413882080	-0.4936491
## [1396,]	-0.64844744	2.2801299	-0.9128837	-0.120160151	1.4010356
## [1397,]	1.75977375	2.2801299	0.5898476	0.905839015	1.4010356
## [1398,]	1.86923835	-0.4382732	0.5898476	-1.604637205	-0.4936491
## [1399,]	-0.42951824	-0.4382732	-0.9128837	1.240403961	-0.4936491
## [1400,]	0.66512776	-0.4382732	0.5898476	-0.566246745	-0.4936491
## [1401,]	0.11780476	-0.4382732	-0.9128837	1.589838459	-2.3883338
## [1402,]	1.97870295	-0.4382732	0.5898476	-1.520376404	-2.3883338
## [1403,]	-0.64844744	-0.4382732	0.5898476	1.173490972	-0.4936491
## [1404,]	0.22726936	-0.4382732	0.5898476	-1.693854524	1.4010356
## [1405,]	0.55566316	-0.4382732	-2.4156151	-1.158550611	-0.4936491
## [1406,]	-0.64844744	-0.4382732	-2.4156151	-0.261420906	-0.4936491
## [1407,]	1.86923835	-0.4382732	0.5898476	-1.599680687	-0.4936491
## [1408,]	-1.41469963	-0.4382732	0.5898476	-0.078029750	-0.4936491
## [1409,]	-1.52416423	-0.4382732	0.5898476	-0.573681521	-0.4936491
## [1410,]	0.33673396	-0.4382732	-0.9128837	-0.273812200	-0.4936491
## [1411,]	0.33673396	-0.4382732	0.5898476	-0.888420396	1.4010356
## [1412,]	-1.30523503	-0.4382732	0.5898476	-1.222985341	-2.3883338
## [1413,]	-0.75791204	-0.4382732	0.5898476	0.268926489	-0.4936491
## [1414,]	-1.30523503	-0.4382732	0.5898476	0.432491574	-0.4936491
## [1415,]	1.10298615	-0.4382732	0.5898476	0.935578121	-0.4936491
## [1416,]	-0.42951824	-0.4382732	-2.4156151	1.265186549	-0.4936491
## [1417,]	0.11780476	-0.4382732	0.5898476	1.285012620	1.4010356
## [1418,]	-0.64844744	-0.4382732	0.5898476	0.871143391	1.4010356
## [1419,]	0.11780476	-0.4382732	-0.9128837	-0.729811829	-0.4936491
## [1420,]	0.55566316	-0.4382732	0.5898476	-0.608377145	-0.4936491
## [1421,]	0.44619856	-0.4382732	0.5898476	-0.397725143	-0.4936491
## [1422,]	1.10298615	-0.4382732	-2.4156151	0.890969462	-0.4936491
## [1423,]	-0.21058904	-0.4382732	0.5898476	1.703838366	-0.4936491
## [1424,]	-1.63362883	-0.4382732	0.5898476	-0.548898933	-0.4936491
## [1425,]	-0.21058904	-0.4382732	0.5898476	1.468403775	-0.4936491
## [1426,]	-0.42951824	-0.4382732	0.5898476	-0.747159641	-0.4936491
## [1427,]	-0.53898284	-0.4382732	0.5898476	-1.327072213	-0.4936491
## [1428,]	0.33673396	-0.4382732	0.5898476	-0.643072769	-0.4936491
## [1429,]	-0.53898284	-0.4382732	0.5898476	-1.408854755	1.4010356
## [1430,]	0.22726936	-0.4382732	0.5898476	-1.701289300	-0.4936491
## [1431,]	0.11780476	-0.4382732	0.5898476	-1.490637298	-0.4936491
## [1432,]	-0.53898284	-0.4382732	0.5898476	-0.003681985	1.4010356

##	[1433,]	0.00834016	-0.4382732	0.5898476	-1.589767652	-0.4936491
##	[1434,]	-1.30523503	-0.4382732	0.5898476	1.436186410	1.4010356
##	[1435,]	1.65030915	-0.4382732	-2.4156151	-0.538985897	1.4010356
##	[1436,]	0.77459236	-0.4382732	0.5898476	0.581187105	-0.4936491
##	[1437,]	-1.74309343	-0.4382732	0.5898476	-0.747159641	1.4010356
##	[1438,]	0.22726936	-0.4382732	-2.4156151	-1.728550148	-0.4936491
##	[1439,]	-1.52416423	2.2801299	-0.9128837	-0.407638178	1.4010356
##	[1440,]	-0.10112444	-0.4382732	0.5898476	-0.608377145	1.4010356
##	[1441,]	-0.10112444	-0.4382732	-0.9128837	-0.283725235	-0.4936491
##	[1442,]	2.08816755	-0.4382732	-2.4156151	-0.335768671	-0.4936491
##	[1443,]	-0.86737664	2.2801299	0.5898476	0.717491342	-0.4936491
##	[1444,]	0.55566316	-0.4382732	0.5898476	-1.245289671	-0.4936491
##	[1445,]	2.08816755	2.2801299	0.5898476	-1.220507082	-0.4936491
##	[1446,]	0.44619856	-0.4382732	0.5898476	-0.546420674	-0.4936491
##	[1447,]	-0.32005364	-0.4382732	0.5898476	-0.244073094	1.4010356
##	[1448,]	-0.10112444	-0.4382732	-2.4156151	-1.242811412	1.4010356
##	[1449,]	0.44619856	-0.4382732	0.5898476	0.316013408	1.4010356
##	[1450,]	-0.53898284	-0.4382732	0.5898476	-0.677768393	-0.4936491
##	[1451,]	-0.21058904	-0.4382732	0.5898476	0.851317320	-2.3883338
##	[1452,]	0.11780476	-0.4382732	0.5898476	-1.133768022	1.4010356
##	[1453,]	1.43137995	2.2801299	-0.9128837	0.187143947	1.4010356
##	[1454,]	-0.10112444	-0.4382732	0.5898476	0.786882590	1.4010356
##	[1455,]	0.88405696	-0.4382732	0.5898476	-1.061898516	1.4010356
##	[1456,]	0.33673396	-0.4382732	0.5898476	1.287490879	-0.4936491
##	[1457,]	-0.21058904	-0.4382732	-0.9128837	0.982665040	-0.4936491
##	[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	-0.9128837	0.202013500	-0.4936491
##	[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
##		DistanceFromHome	Education	EducationField	EmployeeCount	
##	[1,]	-1.01056544	-0.89138490	-0.9370948	NaN	
##	[2,]	-0.14709966	-1.86779013	-0.9370948	NaN	
##	[3,]	-0.88721318	-0.89138490	1.3162247	NaN	
##	[4,]	-0.76386093	1.06142554	-0.9370948	NaN	
##	[5,]	-0.88721318	-1.86779013	0.5651182	NaN	
##	[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	
##	[12,]	0.71636612	-0.89138490	-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	

##	[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	-1.86779013	0.5651182	NaN
##	[26,]	-0.51715642	0.08502032	1.3162247	NaN
##	[27,]	0.83971837	-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	-0.89138490	0.5651182	NaN
##	[34,]	-0.51715642	0.08502032	2.0673313	NaN
##	[35,]	-1.01056544	0.08502032	0.5651182	NaN
##	[36,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[37,]	-0.76386093	-0.89138490	-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
##	[41,]	-0.64050868	-0.89138490	1.3162247	NaN
##	[42,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[43,]	1.94988866	0.08502032	-0.9370948	NaN
##	[44,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[45,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[46,]	0.34630935	0.08502032	2.0673313	NaN
##	[47,]	1.70318415	1.06142554	-0.1859883	NaN
##	[48,]	1.20977513	-0.89138490	-0.9370948	NaN
##	[49,]	-0.51715642	1.06142554	-0.1859883	NaN
##	[50,]	-0.14709966	-1.86779013	-0.9370948	NaN
##	[51,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[52,]	-0.51715642	1.06142554	2.0673313	NaN
##	[53,]	-1.01056544	2.03783076	-0.1859883	NaN
##	[54,]	0.22295710	-0.89138490	0.5651182	NaN
##	[55,]	1.70318415	0.08502032	-0.1859883	NaN
##	[56,]	-1.01056544	-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	-0.89138490	0.5651182	NaN
##	[81,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[82,]	-1.01056544	0.08502032	0.5651182	NaN
##	[83,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[84,]	-0.39380417	0.08502032	0.5651182	NaN
##	[85,]	-1.01056544	-0.89138490	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	-0.89138490	-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,]	0.22295710	-0.89138490	2.0673313	NaN
##	[119,]	-0.76386093	-0.89138490	-0.9370948	NaN
##	[120,]	2.07324091	-0.89138490	-0.9370948	NaN
##	[121,]	1.70318415	0.08502032	-0.9370948	NaN
##	[122,]	1.57983189	-0.89138490	-0.1859883	NaN
##	[123,]	0.59301386	1.06142554	-0.9370948	NaN

##	[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
##	[130,]	1.33312739	1.06142554	0.5651182	NaN
##	[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,]	-0.02374741	-1.86779013	-0.9370948	NaN
##	[135,]	1.94988866	-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
##	[139,]	2.31994542	0.08502032	-0.9370948	NaN
##	[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	-1.86779013	0.5651182	NaN
##	[148,]	0.09960485	0.08502032	-0.9370948	NaN
##	[149,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[150,]	-0.76386093	-1.86779013	0.5651182	NaN
##	[151,]	2.07324091	0.08502032	0.5651182	NaN
##	[152,]	-1.01056544	2.03783076	-0.1859883	NaN
##	[153,]	-0.39380417	-0.89138490	-0.1859883	NaN
##	[154,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[155,]	-0.14709966	0.08502032	-0.1859883	NaN
##	[156,]	-1.01056544	-1.86779013	2.0673313	NaN
##	[157,]	-0.27045191	1.06142554	0.5651182	NaN
##	[158,]	-0.02374741	0.08502032	0.5651182	NaN
##	[159,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[160,]	-0.88721318	1.06142554	-0.1859883	NaN
##	[161,]	1.20977513	-1.86779013	0.5651182	NaN
##	[162,]	-0.02374741	0.08502032	0.5651182	NaN
##	[163,]	1.45647964	0.08502032	0.5651182	NaN
##	[164,]	1.82653640	-0.89138490	-0.9370948	NaN
##	[165,]	-0.76386093	0.08502032	0.5651182	NaN
##	[166,]	0.22295710	0.08502032	-0.9370948	NaN
##	[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,]	-0.76386093	-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
##	[181,]	0.34630935	-1.86779013	0.5651182	NaN
##	[182,]	2.19659316	-0.89138490	0.5651182	NaN
##	[183,]	1.33312739	-0.89138490	-0.1859883	NaN
##	[184,]	-1.01056544	0.08502032	0.5651182	NaN
##	[185,]	0.46966161	-0.89138490	0.5651182	NaN
##	[186,]	0.59301386	0.08502032	0.5651182	NaN
##	[187,]	-0.64050868	-1.86779013	0.5651182	NaN
##	[188,]	0.59301386	1.06142554	0.5651182	NaN
##	[189,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[190,]	-0.76386093	0.08502032	0.5651182	NaN
##	[191,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[192,]	-0.02374741	0.08502032	0.5651182	NaN
##	[193,]	1.70318415	-0.89138490	-0.9370948	NaN
##	[194,]	-0.27045191	0.08502032	0.5651182	NaN
##	[195,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[196,]	1.45647964	0.08502032	-0.9370948	NaN
##	[197,]	-0.88721318	0.08502032	0.5651182	NaN
##	[198,]	1.45647964	-0.89138490	0.5651182	NaN
##	[199,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[200,]	2.44329767	0.08502032	2.0673313	NaN
##	[201,]	-1.01056544	-1.86779013	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,]	2.44329767	-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,]	-1.01056544	-1.86779013	0.5651182	NaN
##	[229,]	-1.01056544	0.08502032	-0.1859883	NaN
##	[230,]	1.08642288	-1.86779013	0.5651182	NaN
##	[231,]	-0.88721318	0.08502032	-0.9370948	NaN

##	[232,]	-0.64050868	-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	-0.89138490	-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,]	-1.01056544	-0.89138490	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,]	0.96307062	-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,]	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,]	-0.76386093	-0.89138490	0.5651182	NaN
##	[276,]	-1.01056544	1.06142554	0.5651182	NaN
##	[277,]	1.57983189	0.08502032	-0.9370948	NaN
##	[278,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[279,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[280,]	-0.64050868	-1.86779013	-0.9370948	NaN
##	[281,]	-0.76386093	1.06142554	0.5651182	NaN
##	[282,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[283,]	-0.88721318	-0.89138490	-0.9370948	NaN
##	[284,]	1.33312739	-0.89138490	2.0673313	NaN
##	[285,]	0.22295710	-0.89138490	0.5651182	NaN

##	[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	-0.89138490	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,]	-1.01056544	-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,]	-1.01056544	-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	-1.86779013	0.5651182	NaN
##	[349,]	1.70318415	2.03783076	-0.9370948	NaN
##	[350,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[351,]	-0.88721318	-1.86779013	2.0673313	NaN
##	[352,]	-0.88721318	0.08502032	0.5651182	NaN
##	[353,]	2.44329767	-1.86779013	0.5651182	NaN
##	[354,]	-0.39380417	0.08502032	0.5651182	NaN
##	[355,]	1.94988866	-0.89138490	2.0673313	NaN
##	[356,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[357,]	-0.88721318	1.06142554	1.3162247	NaN
##	[358,]	-1.01056544	-1.86779013	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
##	[374,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[375,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[376,]	-0.27045191	0.08502032	1.3162247	NaN
##	[377,]	0.59301386	-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	-1.86779013	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	-0.89138490	0.5651182	NaN

##	[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	-1.86779013	-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
##	[405,]	0.96307062	-0.89138490	0.5651182	NaN
##	[406,]	-0.76386093	0.08502032	0.5651182	NaN
##	[407,]	-0.76386093	0.08502032	0.5651182	NaN
##	[408,]	0.09960485	-0.89138490	-0.9370948	NaN
##	[409,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[410,]	2.44329767	-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
##	[425,]	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	-0.89138490	0.5651182	NaN
##	[430,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[431,]	1.57983189	0.08502032	-0.9370948	NaN
##	[432,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[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	0.08502032	-0.9370948	NaN
##	[441,]	1.70318415	0.08502032	-1.6882013	NaN
##	[442,]	-0.51715642	-0.89138490	1.3162247	NaN
##	[443,]	0.09960485	1.06142554	0.5651182	NaN
##	[444,]	-0.64050868	-1.86779013	2.0673313	NaN
##	[445,]	-0.88721318	2.03783076	-0.1859883	NaN
##	[446,]	1.08642288	2.03783076	-0.9370948	NaN
##	[447,]	0.09960485	-0.89138490	-0.9370948	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,]	-0.51715642	0.08502032	-0.1859883	NaN
##	[459,]	2.31994542	0.08502032	1.3162247	NaN
##	[460,]	-0.88721318	1.06142554	1.3162247	NaN
##	[461,]	2.44329767	-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
##	[475,]	1.70318415	0.08502032	0.5651182	NaN
##	[476,]	2.31994542	-0.89138490	-0.1859883	NaN
##	[477,]	0.96307062	-0.89138490	1.3162247	NaN
##	[478,]	-0.76386093	0.08502032	0.5651182	NaN
##	[479,]	0.46966161	-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
##	[495,]	0.59301386	0.08502032	2.0673313	NaN
##	[496,]	-0.88721318	-1.86779013	-0.1859883	NaN
##	[497,]	1.57983189	-1.86779013	2.0673313	NaN
##	[498,]	-0.76386093	1.06142554	1.3162247	NaN
##	[499,]	-0.39380417	-1.86779013	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
##	[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	-0.89138490	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	-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	-0.89138490	-0.9370948	NaN
##	[527,]	-0.88721318	1.06142554	2.0673313	NaN
##	[528,]	0.09960485	0.08502032	-0.1859883	NaN
##	[529,]	-0.14709966	-0.89138490	2.0673313	NaN
##	[530,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[531,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[532,]	-0.76386093	-0.89138490	-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	-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,]	2.07324091	-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	-0.89138490	-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,]	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,]	-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,]	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
##	[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,]	0.59301386	-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	-0.89138490	-0.1859883	NaN
##	[626,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[627,]	-0.14709966	-0.89138490	0.5651182	NaN
##	[628,]	1.94988866	1.06142554	0.5651182	NaN
##	[629,]	0.83971837	1.06142554	-0.1859883	NaN
##	[630,]	-0.14709966	-0.89138490	0.5651182	NaN
##	[631,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[632,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[633,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[634,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[635,]	-0.76386093	-1.86779013	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,]	1.45647964	-0.89138490	0.5651182	NaN
##	[650,]	1.70318415	1.06142554	-0.9370948	NaN
##	[651,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[652,]	-0.88721318	-0.89138490	-0.1859883	NaN
##	[653,]	1.20977513	-0.89138490	0.5651182	NaN
##	[654,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[655,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[656,]	-0.76386093	-0.89138490	-1.6882013	NaN
##	[657,]	1.94988866	1.06142554	-0.9370948	NaN
##	[658,]	-0.27045191	-1.86779013	0.5651182	NaN
##	[659,]	-0.02374741	-0.89138490	-0.9370948	NaN
##	[660,]	-0.51715642	1.06142554	0.5651182	NaN
##	[661,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[662,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[663,]	-0.88721318	0.08502032	0.5651182	NaN

##	[664,]	1.08642288	-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
##	[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
##	[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,]	-0.76386093	-1.86779013	-0.9370948	NaN
##	[695,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[696,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[697,]	-0.64050868	-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,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[703,]	-0.14709966	-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,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[711,]	0.96307062	0.08502032	-0.9370948	NaN
##	[712,]	0.09960485	0.08502032	-0.9370948	NaN
##	[713,]	0.46966161	-1.86779013	-0.9370948	NaN
##	[714,]	-1.01056544	1.06142554	0.5651182	NaN
##	[715,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[716,]	-1.01056544	1.06142554	1.3162247	NaN
##	[717,]	-0.02374741	0.08502032	0.5651182	NaN

##	[718,]	0.83971837	1.06142554	2.0673313	NaN
##	[719,]	1.70318415	-0.89138490	-0.9370948	NaN
##	[720,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[721,]	1.57983189	0.08502032	-0.9370948	NaN
##	[722,]	1.82653640	0.08502032	-0.9370948	NaN
##	[723,]	0.09960485	-1.86779013	0.5651182	NaN
##	[724,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[725,]	0.96307062	-1.86779013	0.5651182	NaN
##	[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	-0.89138490	0.5651182	NaN
##	[735,]	-0.14709966	-1.86779013	-0.9370948	NaN
##	[736,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[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
##	[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
##	[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

##	[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	-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	-1.86779013	-0.9370948	NaN
##	[789,]	0.09960485	0.08502032	1.3162247	NaN
##	[790,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[791,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[792,]	-0.64050868	0.08502032	2.0673313	NaN
##	[793,]	2.44329767	1.06142554	0.5651182	NaN
##	[794,]	0.71636612	-0.89138490	-0.9370948	NaN
##	[795,]	-0.76386093	-1.86779013	-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,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[821,]	0.22295710	-0.89138490	-0.1859883	NaN
##	[822,]	-0.14709966	1.06142554	2.0673313	NaN
##	[823,]	-0.88721318	-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
##	[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
##	[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
##	[877,]	1.45647964	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
##	[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,]	-0.88721318	-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	-0.89138490	-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,]	1.82653640	-1.86779013	-0.9370948	NaN
##	[913,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[914,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[915,]	-0.14709966	-1.86779013	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
##	[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
##	[935,]	-1.01056544	0.08502032	0.5651182	NaN
##	[936,]	-0.14709966	0.08502032	0.5651182	NaN
##	[937,]	1.94988866	0.08502032	0.5651182	NaN
##	[938,]	0.46966161	1.06142554	0.5651182	NaN
##	[939,]	1.70318415	1.06142554	-0.9370948	NaN
##	[940,]	-0.27045191	-0.89138490	-0.9370948	NaN
##	[941,]	1.70318415	0.08502032	0.5651182	NaN
##	[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,]	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,]	0.83971837	-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	-0.89138490	-0.9370948	NaN
##	[965,]	0.71636612	-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,]	0.22295710	-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
##	[985,]	2.07324091	0.08502032	-0.9370948	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,]	2.31994542	-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	-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,]	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	-0.89138490	-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,]	-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
##	[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
## [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,]	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	-0.89138490	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
## [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	-0.89138490	-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
## [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,]	0.59301386	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	-0.89138490	-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	-0.89138490	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
## [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
## [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
## [1201,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1202,]	-0.14709966	-1.86779013	0.5651182	NaN
## [1203,]	-0.64050868	-0.89138490	0.5651182	NaN

## [1204,]	1.82653640	1.06142554	0.5651182	NaN
## [1205,]	-0.27045191	-0.89138490	0.5651182	NaN
## [1206,]	-0.88721318	1.06142554	-0.9370948	NaN
## [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,]	-1.01056544	-1.86779013	-0.9370948	NaN
## [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	-1.86779013	0.5651182	NaN
## [1240,]	1.82653640	-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
## [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	-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,]	-1.01056544	-0.89138490	0.5651182	NaN
## [1281,]	-0.14709966	-0.89138490	1.3162247	NaN
## [1282,]	2.19659316	0.08502032	-0.9370948	NaN
## [1283,]	-0.14709966	1.06142554	-0.9370948	NaN
## [1284,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1285,]	0.09960485	-1.86779013	0.5651182	NaN
## [1286,]	2.07324091	-0.89138490	-0.9370948	NaN
## [1287,]	-0.88721318	-0.89138490	-0.9370948	NaN
## [1288,]	0.46966161	0.08502032	0.5651182	NaN
## [1289,]	-0.88721318	-0.89138490	0.5651182	NaN
## [1290,]	-0.88721318	0.08502032	-1.6882013	NaN
## [1291,]	-0.02374741	1.06142554	-0.9370948	NaN
## [1292,]	0.09960485	1.06142554	0.5651182	NaN
## [1293,]	1.33312739	0.08502032	-0.9370948	NaN
## [1294,]	-0.02374741	0.08502032	-0.9370948	NaN
## [1295,]	-0.51715642	0.08502032	-0.9370948	NaN
## [1296,]	-0.64050868	-1.86779013	-0.1859883	NaN
## [1297,]	0.09960485	0.08502032	0.5651182	NaN
## [1298,]	1.33312739	-0.89138490	0.5651182	NaN
## [1299,]	1.45647964	-0.89138490	0.5651182	NaN
## [1300,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1301,]	-0.14709966	-0.89138490	2.0673313	NaN
## [1302,]	-0.88721318	0.08502032	0.5651182	NaN
## [1303,]	1.70318415	1.06142554	0.5651182	NaN
## [1304,]	-0.64050868	0.08502032	-0.9370948	NaN
## [1305,]	0.34630935	0.08502032	-0.9370948	NaN
## [1306,]	-0.27045191	1.06142554	0.5651182	NaN
## [1307,]	-0.27045191	1.06142554	-0.1859883	NaN
## [1308,]	-1.01056544	0.08502032	0.5651182	NaN
## [1309,]	-0.88721318	1.06142554	-0.1859883	NaN
## [1310,]	0.09960485	0.08502032	0.5651182	NaN
## [1311,]	0.71636612	1.06142554	-0.9370948	NaN

## [1312,]	0.59301386	0.08502032	0.5651182	NaN
## [1313,]	1.08642288	2.03783076	-1.6882013	NaN
## [1314,]	0.46966161	0.08502032	-1.6882013	NaN
## [1315,]	-0.88721318	1.06142554	-0.9370948	NaN
## [1316,]	-0.88721318	1.06142554	1.3162247	NaN
## [1317,]	-0.88721318	1.06142554	-0.9370948	NaN
## [1318,]	-0.51715642	-0.89138490	-0.9370948	NaN
## [1319,]	1.33312739	-1.86779013	0.5651182	NaN
## [1320,]	0.09960485	1.06142554	-0.1859883	NaN
## [1321,]	0.09960485	1.06142554	2.0673313	NaN
## [1322,]	-0.02374741	1.06142554	-0.9370948	NaN
## [1323,]	-0.88721318	-0.89138490	-0.9370948	NaN
## [1324,]	-1.01056544	-0.89138490	-0.9370948	NaN
## [1325,]	2.44329767	-1.86779013	-0.9370948	NaN
## [1326,]	-0.14709966	0.08502032	-0.9370948	NaN
## [1327,]	-0.88721318	1.06142554	-0.1859883	NaN
## [1328,]	-0.76386093	0.08502032	2.0673313	NaN
## [1329,]	1.70318415	-1.86779013	0.5651182	NaN
## [1330,]	-0.39380417	-1.86779013	0.5651182	NaN
## [1331,]	-0.39380417	0.08502032	0.5651182	NaN
## [1332,]	0.09960485	0.08502032	-0.9370948	NaN
## [1333,]	1.82653640	-0.89138490	-0.9370948	NaN
## [1334,]	0.09960485	0.08502032	-0.9370948	NaN
## [1335,]	0.71636612	0.08502032	-0.9370948	NaN
## [1336,]	1.20977513	1.06142554	1.3162247	NaN
## [1337,]	-0.88721318	1.06142554	2.0673313	NaN
## [1338,]	-0.76386093	0.08502032	0.5651182	NaN
## [1339,]	-0.02374741	0.08502032	0.5651182	NaN
## [1340,]	-0.27045191	-1.86779013	-0.9370948	NaN
## [1341,]	0.09960485	1.06142554	2.0673313	NaN
## [1342,]	1.33312739	0.08502032	-0.9370948	NaN
## [1343,]	-0.64050868	0.08502032	-0.9370948	NaN
## [1344,]	-0.27045191	0.08502032	-0.9370948	NaN
## [1345,]	-0.27045191	1.06142554	0.5651182	NaN
## [1346,]	0.83971837	-0.89138490	1.3162247	NaN
## [1347,]	1.94988866	-0.89138490	-0.9370948	NaN
## [1348,]	-0.88721318	-1.86779013	-1.6882013	NaN
## [1349,]	-1.01056544	1.06142554	-0.9370948	NaN
## [1350,]	-1.01056544	-0.89138490	-0.9370948	NaN
## [1351,]	-0.88721318	-0.89138490	0.5651182	NaN
## [1352,]	1.57983189	0.08502032	0.5651182	NaN
## [1353,]	-1.01056544	1.06142554	-0.9370948	NaN
## [1354,]	0.83971837	1.06142554	2.0673313	NaN
## [1355,]	1.82653640	-0.89138490	-0.9370948	NaN
## [1356,]	0.96307062	-0.89138490	-0.1859883	NaN
## [1357,]	-0.14709966	0.08502032	-0.1859883	NaN
## [1358,]	-0.39380417	0.08502032	0.5651182	NaN
## [1359,]	0.09960485	-0.89138490	0.5651182	NaN
## [1360,]	-0.76386093	-1.86779013	0.5651182	NaN
## [1361,]	-0.64050868	0.08502032	0.5651182	NaN
## [1362,]	-0.39380417	0.08502032	1.3162247	NaN
## [1363,]	-1.01056544	1.06142554	0.5651182	NaN
## [1364,]	0.09960485	1.06142554	-0.1859883	NaN
## [1365,]	-1.01056544	-0.89138490	-0.9370948	NaN

## [1366,]	1.82653640	0.08502032	2.0673313	NaN
## [1367,]	1.45647964	1.06142554	-0.9370948	NaN
## [1368,]	-0.88721318	1.06142554	2.0673313	NaN
## [1369,]	1.57983189	1.06142554	1.3162247	NaN
## [1370,]	0.46966161	-0.89138490	-0.1859883	NaN
## [1371,]	0.59301386	1.06142554	2.0673313	NaN
## [1372,]	0.22295710	2.03783076	-0.1859883	NaN
## [1373,]	-0.02374741	-0.89138490	0.5651182	NaN
## [1374,]	-0.14709966	0.08502032	0.5651182	NaN
## [1375,]	1.45647964	0.08502032	-0.9370948	NaN
## [1376,]	-0.51715642	-0.89138490	-0.9370948	NaN
## [1377,]	-0.02374741	-0.89138490	-0.9370948	NaN
## [1378,]	-0.88721318	-1.86779013	-0.9370948	NaN
## [1379,]	0.34630935	1.06142554	-0.1859883	NaN
## [1380,]	1.57983189	0.08502032	-1.6882013	NaN
## [1381,]	1.08642288	1.06142554	0.5651182	NaN
## [1382,]	0.83971837	0.08502032	0.5651182	NaN
## [1383,]	-0.76386093	-0.89138490	0.5651182	NaN
## [1384,]	-0.02374741	1.06142554	-0.9370948	NaN
## [1385,]	-1.01056544	0.08502032	-0.1859883	NaN
## [1386,]	0.46966161	1.06142554	0.5651182	NaN
## [1387,]	-1.01056544	0.08502032	0.5651182	NaN
## [1388,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1389,]	0.71636612	1.06142554	0.5651182	NaN
## [1390,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1391,]	0.96307062	0.08502032	2.0673313	NaN
## [1392,]	-1.01056544	0.08502032	-0.9370948	NaN
## [1393,]	-0.27045191	1.06142554	-0.9370948	NaN
## [1394,]	-0.02374741	0.08502032	-0.1859883	NaN
## [1395,]	-0.51715642	1.06142554	-0.9370948	NaN
## [1396,]	2.07324091	1.06142554	-0.1859883	NaN
## [1397,]	1.82653640	1.06142554	-0.9370948	NaN
## [1398,]	-0.02374741	-0.89138490	-0.9370948	NaN
## [1399,]	-0.27045191	-0.89138490	-0.9370948	NaN
## [1400,]	0.22295710	0.08502032	-0.9370948	NaN
## [1401,]	-1.01056544	1.06142554	1.3162247	NaN
## [1402,]	2.07324091	1.06142554	-1.6882013	NaN
## [1403,]	-0.88721318	-1.86779013	0.5651182	NaN
## [1404,]	0.71636612	1.06142554	-0.1859883	NaN
## [1405,]	1.70318415	-0.89138490	-0.9370948	NaN
## [1406,]	0.09960485	0.08502032	0.5651182	NaN
## [1407,]	0.09960485	0.08502032	0.5651182	NaN
## [1408,]	-1.01056544	-0.89138490	-0.9370948	NaN
## [1409,]	0.34630935	-0.89138490	1.3162247	NaN
## [1410,]	0.22295710	0.08502032	2.0673313	NaN
## [1411,]	-0.88721318	-0.89138490	-0.1859883	NaN
## [1412,]	-0.88721318	0.08502032	-1.6882013	NaN
## [1413,]	-1.01056544	-0.89138490	0.5651182	NaN
## [1414,]	-0.88721318	-1.86779013	1.3162247	NaN
## [1415,]	1.94988866	0.08502032	0.5651182	NaN
## [1416,]	-1.01056544	-0.89138490	0.5651182	NaN
## [1417,]	-1.01056544	1.06142554	-0.9370948	NaN
## [1418,]	-0.88721318	-0.89138490	-0.9370948	NaN
## [1419,]	-0.39380417	1.06142554	-0.9370948	NaN

##	[1420,]	1.08642288	1.06142554	-0.9370948	NaN
##	[1421,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1422,]	-1.01056544	-1.86779013	0.5651182	NaN
##	[1423,]	0.22295710	1.06142554	0.5651182	NaN
##	[1424,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[1425,]	-0.02374741	1.06142554	0.5651182	NaN
##	[1426,]	0.71636612	-0.89138490	0.5651182	NaN
##	[1427,]	2.44329767	1.06142554	-0.9370948	NaN
##	[1428,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1429,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1430,]	1.82653640	-1.86779013	-0.9370948	NaN
##	[1431,]	0.09960485	0.08502032	0.5651182	NaN
##	[1432,]	-1.01056544	1.06142554	-0.1859883	NaN
##	[1433,]	0.09960485	0.08502032	-0.9370948	NaN
##	[1434,]	-0.14709966	-0.89138490	1.3162247	NaN
##	[1435,]	2.44329767	1.06142554	-0.9370948	NaN
##	[1436,]	-1.01056544	0.08502032	0.5651182	NaN
##	[1437,]	-0.51715642	-1.86779013	0.5651182	NaN
##	[1438,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[1439,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[1440,]	-0.76386093	0.08502032	0.5651182	NaN
##	[1441,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[1442,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1443,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1444,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1445,]	-0.27045191	-0.89138490	2.0673313	NaN
##	[1446,]	2.31994542	1.06142554	-0.9370948	NaN
##	[1447,]	2.31994542	0.08502032	-0.1859883	NaN
##	[1448,]	0.71636612	1.06142554	-0.1859883	NaN
##	[1449,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1450,]	-0.88721318	0.08502032	2.0673313	NaN
##	[1451,]	2.07324091	1.06142554	-0.9370948	NaN
##	[1452,]	0.09960485	-0.89138490	-0.9370948	NaN
##	[1453,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1454,]	0.22295710	1.06142554	-0.1859883	NaN
##	[1455,]	1.33312739	0.08502032	-0.9370948	NaN
##	[1456,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[1457,]	1.08642288	1.06142554	-0.9370948	NaN
##	[1458,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1459,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1460,]	0.46966161	-0.89138490	1.3162247	NaN
##	[1461,]	2.31994542	1.06142554	0.5651182	NaN
##	[1462,]	2.31994542	0.08502032	-0.1859883	NaN
##	[1463,]	1.82653640	-1.86779013	-0.1859883	NaN
##	[1464,]	-0.51715642	0.08502032	0.5651182	NaN
##	[1465,]	-0.51715642	0.08502032	1.3162247	NaN
##	[1466,]	1.70318415	-0.89138490	0.5651182	NaN
##	[1467,]	-0.39380417	-1.86779013	0.5651182	NaN
##	[1468,]	-0.64050868	0.08502032	-0.9370948	NaN
##	[1469,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1470,]	-0.14709966	0.08502032	0.5651182	NaN
##		EmployeeNumber	EnvironmentSatisfaction	Gender	HourlyRate
##	[1,]	-1.7007041856	-0.6603060	-1.2243282	1.382667732
##	[2,]	-1.6990431232	0.2545383	0.8162188	-0.240594893

##	[3,]	-1.6957209984	1.1693826	0.8162188	1.284288179
##	[4,]	-1.6940599359	1.1693826	-1.2243282	-0.486543776
##	[5,]	-1.6907378111	-1.5751502	0.8162188	-1.273580200
##	[6,]	-1.6890767487	1.1693826	0.8162188	0.644821084
##	[7,]	-1.6857546238	0.2545383	-1.2243282	0.743200637
##	[8,]	-1.6840935614	1.1693826	0.8162188	0.054543766
##	[9,]	-1.6824324990	1.1693826	0.8162188	-1.076821094
##	[10,]	-1.6807714366	0.2545383	0.8162188	1.382667732
##	[11,]	-1.6791103741	-1.5751502	0.8162188	0.890769967
##	[12,]	-1.6774493117	1.1693826	-1.2243282	-0.830872211
##	[13,]	-1.6757882493	-1.5751502	0.8162188	-1.716288189
##	[14,]	-1.6724661244	-0.6603060	0.8162188	1.333477955
##	[15,]	-1.6708050620	0.2545383	0.8162188	-0.781682435
##	[16,]	-1.6691439996	-0.6603060	-1.2243282	-0.732492658
##	[17,]	-1.6674829372	-1.5751502	0.8162188	0.694010860
##	[18,]	-1.6658218748	1.1693826	0.8162188	1.481047285
##	[19,]	-1.6641608123	-1.5751502	-1.2243282	0.595631307
##	[20,]	-1.6624997499	1.1693826	0.8162188	-1.027631318
##	[21,]	-1.6591776251	-1.5751502	-1.2243282	1.481047285
##	[22,]	-1.6575165626	0.2545383	0.8162188	0.792390413
##	[23,]	-1.6558555002	-1.5751502	-1.2243282	-0.634113105
##	[24,]	-1.6525333754	0.2545383	0.8162188	1.481047285
##	[25,]	-1.6508723130	-0.6603060	0.8162188	0.841580190
##	[26,]	-1.6492112505	0.2545383	-1.2243282	-0.388164223
##	[27,]	-1.6475501881	-0.6603060	-1.2243282	0.300492648
##	[28,]	-1.6442280633	0.2545383	0.8162188	-0.880061988
##	[29,]	-1.6425670008	-1.5751502	-1.2243282	-1.175200647
##	[30,]	-1.6392448760	-0.6603060	-1.2243282	0.841580190
##	[31,]	-1.6375838136	0.2545383	0.8162188	0.595631307
##	[32,]	-1.6359227511	1.1693826	0.8162188	-1.224390424
##	[33,]	-1.6342616887	1.1693826	0.8162188	0.841580190
##	[34,]	-1.6326006263	1.1693826	0.8162188	-0.486543776
##	[35,]	-1.6276174390	-0.6603060	0.8162188	-0.240594893
##	[36,]	-1.6259563766	1.1693826	-1.2243282	0.300492648
##	[37,]	-1.6242953142	-1.5751502	0.8162188	0.989149520
##	[38,]	-1.6209731893	1.1693826	-1.2243282	1.530237061
##	[39,]	-1.6176510645	-0.6603060	-1.2243282	0.792390413
##	[40,]	-1.6159900021	0.2545383	-1.2243282	-1.175200647
##	[41,]	-1.6143289397	0.2545383	0.8162188	0.448061978
##	[42,]	-1.6126678772	1.1693826	-1.2243282	-1.617908636
##	[43,]	-1.6110068148	-1.5751502	0.8162188	-0.880061988
##	[44,]	-1.6093457524	1.1693826	0.8162188	-1.421149530
##	[45,]	-1.6076846900	0.2545383	-1.2243282	-0.388164223
##	[46,]	-1.6060236275	-0.6603060	-1.2243282	-0.830872211
##	[47,]	-1.6027015027	-0.6603060	0.8162188	0.300492648
##	[48,]	-1.6010404403	-0.6603060	0.8162188	0.349682425
##	[49,]	-1.5993793779	-1.5751502	0.8162188	1.579426838
##	[50,]	-1.5977183154	1.1693826	0.8162188	-1.470339306
##	[51,]	-1.5960572530	-1.5751502	0.8162188	1.579426838
##	[52,]	-1.5943961906	0.2545383	0.8162188	-0.781682435
##	[53,]	-1.5894130033	-0.6603060	-1.2243282	0.448061978
##	[54,]	-1.5860908785	0.2545383	0.8162188	0.644821084
##	[55,]	-1.5827687536	0.2545383	-1.2243282	-0.929251764
##	[56,]	-1.5811076912	-1.5751502	-1.2243282	1.579426838

##	[57,]	-1.5794466288	-0.6603060	0.8162188	0.251302872
##	[58,]	-1.5777855664	0.2545383	-1.2243282	-1.765477965
##	[59,]	-1.5761245039	1.1693826	0.8162188	-0.880061988
##	[60,]	-1.5744634415	-1.5751502	0.8162188	-0.732492658
##	[61,]	-1.5728023791	-1.5751502	0.8162188	-1.617908636
##	[62,]	-1.5711413167	1.1693826	-1.2243282	-0.781682435
##	[63,]	-1.5694802543	-0.6603060	-1.2243282	-1.126010871
##	[64,]	-1.5678191918	-1.5751502	-1.2243282	1.628616614
##	[65,]	-1.5644970670	0.2545383	-1.2243282	-0.338974446
##	[66,]	-1.5628360046	1.1693826	-1.2243282	-1.617908636
##	[67,]	-1.5611749421	-0.6603060	0.8162188	1.431857508
##	[68,]	-1.5595138797	-0.6603060	0.8162188	-0.338974446
##	[69,]	-1.5561917549	-0.6603060	0.8162188	0.644821084
##	[70,]	-1.5528696300	1.1693826	0.8162188	0.644821084
##	[71,]	-1.5512085676	-1.5751502	-1.2243282	-0.437353999
##	[72,]	-1.5462253803	0.2545383	0.8162188	0.497251754
##	[73,]	-1.5445643179	0.2545383	0.8162188	1.038339296
##	[74,]	-1.5429032555	-0.6603060	0.8162188	0.005353989
##	[75,]	-1.5412421931	-0.6603060	-1.2243282	-0.535733552
##	[76,]	-1.5395811306	0.2545383	-1.2243282	-0.240594893
##	[77,]	-1.5362590058	0.2545383	0.8162188	-1.667098412
##	[78,]	-1.5345979434	1.1693826	0.8162188	-0.683302882
##	[79,]	-1.5329368810	-1.5751502	0.8162188	-1.765477965
##	[80,]	-1.5312758185	-0.6603060	0.8162188	0.694010860
##	[81,]	-1.5296147561	1.1693826	0.8162188	-0.535733552
##	[82,]	-1.5279536937	-0.6603060	0.8162188	-1.765477965
##	[83,]	-1.5262926313	-1.5751502	0.8162188	0.202113095
##	[84,]	-1.5246315688	-0.6603060	-1.2243282	0.644821084
##	[85,]	-1.5196483816	-1.5751502	0.8162188	1.382667732
##	[86,]	-1.5163262567	1.1693826	0.8162188	-0.830872211
##	[87,]	-1.5146651943	0.2545383	0.8162188	-0.191405117
##	[88,]	-1.5096820070	1.1693826	0.8162188	1.481047285
##	[89,]	-1.5080209446	0.2545383	0.8162188	1.628616614
##	[90,]	-1.5063598822	0.2545383	0.8162188	-0.093025564
##	[91,]	-1.5046988198	0.2545383	0.8162188	0.595631307
##	[92,]	-1.5030377574	0.2545383	0.8162188	0.251302872
##	[93,]	-1.5013766949	0.2545383	-1.2243282	-0.142215340
##	[94,]	-1.4963935077	0.2545383	0.8162188	-1.273580200
##	[95,]	-1.4947324452	-0.6603060	0.8162188	1.038339296
##	[96,]	-1.4930713828	-1.5751502	-1.2243282	-0.289784670
##	[97,]	-1.4897492580	-1.5751502	-1.2243282	-1.617908636
##	[98,]	-1.4880881956	-0.6603060	0.8162188	-1.126010871
##	[99,]	-1.4847660707	1.1693826	0.8162188	-1.421149530
##	[100,]	-1.4831050083	-0.6603060	0.8162188	0.054543766
##	[101,]	-1.4814439459	0.2545383	0.8162188	-0.142215340
##	[102,]	-1.4797828834	1.1693826	0.8162188	0.251302872
##	[103,]	-1.4747996962	1.1693826	-1.2243282	0.005353989
##	[104,]	-1.4731386338	-1.5751502	-1.2243282	-1.224390424
##	[105,]	-1.4714775713	0.2545383	0.8162188	1.677806391
##	[106,]	-1.4698165089	0.2545383	-1.2243282	-1.667098412
##	[107,]	-1.4681554465	-1.5751502	-1.2243282	0.349682425
##	[108,]	-1.4664943841	0.2545383	0.8162188	-0.978441541
##	[109,]	-1.4648333216	1.1693826	0.8162188	-0.093025564
##	[110,]	-1.4631722592	-0.6603060	-1.2243282	-0.338974446

##	[111,]	-1.4615111968	-1.5751502	-1.2243282	-1.765477965
##	[112,]	-1.4581890719	-1.5751502	0.8162188	0.005353989
##	[113,]	-1.4565280095	1.1693826	-1.2243282	-1.765477965
##	[114,]	-1.4532058847	-0.6603060	0.8162188	-0.683302882
##	[115,]	-1.4515448223	0.2545383	-1.2243282	-1.027631318
##	[116,]	-1.4498837598	0.2545383	0.8162188	1.038339296
##	[117,]	-1.4482226974	0.2545383	-1.2243282	-1.027631318
##	[118,]	-1.4465616350	-0.6603060	-1.2243282	1.284288179
##	[119,]	-1.4449005726	-1.5751502	-1.2243282	-1.322769977
##	[120,]	-1.4399173853	0.2545383	0.8162188	1.284288179
##	[121,]	-1.4382563229	-1.5751502	0.8162188	1.481047285
##	[122,]	-1.4365952605	0.2545383	0.8162188	1.431857508
##	[123,]	-1.4349341980	-0.6603060	-1.2243282	0.300492648
##	[124,]	-1.4332731356	-1.5751502	0.8162188	-0.732492658
##	[125,]	-1.4316120732	-0.6603060	0.8162188	0.497251754
##	[126,]	-1.4299510108	0.2545383	-1.2243282	-0.978441541
##	[127,]	-1.4282899483	1.1693826	-1.2243282	1.382667732
##	[128,]	-1.4249678235	1.1693826	0.8162188	-0.781682435
##	[129,]	-1.4216456987	0.2545383	0.8162188	1.677806391
##	[130,]	-1.4199846362	0.2545383	-1.2243282	1.481047285
##	[131,]	-1.4183235738	-0.6603060	-1.2243282	0.300492648
##	[132,]	-1.4133403865	0.2545383	-1.2243282	0.546441531
##	[133,]	-1.4116793241	-0.6603060	-1.2243282	0.251302872
##	[134,]	-1.4100182617	0.2545383	0.8162188	1.481047285
##	[135,]	-1.4083571993	0.2545383	-1.2243282	-0.240594893
##	[136,]	-1.4066961369	-0.6603060	0.8162188	0.890769967
##	[137,]	-1.4050350744	-1.5751502	0.8162188	-0.634113105
##	[138,]	-1.4000518872	1.1693826	-1.2243282	-0.929251764
##	[139,]	-1.3983908247	-1.5751502	0.8162188	-1.224390424
##	[140,]	-1.3967297623	0.2545383	0.8162188	-0.880061988
##	[141,]	-1.3867633878	-1.5751502	-1.2243282	-1.224390424
##	[142,]	-1.3834412629	0.2545383	0.8162188	0.841580190
##	[143,]	-1.3817802005	1.1693826	-1.2243282	-1.667098412
##	[144,]	-1.3801191381	-1.5751502	-1.2243282	0.448061978
##	[145,]	-1.3784580757	1.1693826	0.8162188	-1.519529083
##	[146,]	-1.3751359508	1.1693826	-1.2243282	0.890769967
##	[147,]	-1.3734748884	-0.6603060	0.8162188	-1.519529083
##	[148,]	-1.3718138260	1.1693826	0.8162188	1.235098402
##	[149,]	-1.3701527636	0.2545383	0.8162188	1.382667732
##	[150,]	-1.3684917011	-0.6603060	-1.2243282	0.644821084
##	[151,]	-1.3668306387	-0.6603060	-1.2243282	-0.584923329
##	[152,]	-1.3635085139	0.2545383	0.8162188	1.382667732
##	[153,]	-1.3618474514	-0.6603060	0.8162188	-1.568718859
##	[154,]	-1.3601863890	-0.6603060	0.8162188	-0.289784670
##	[155,]	-1.3585253266	-0.6603060	-1.2243282	-1.126010871
##	[156,]	-1.3568642642	1.1693826	0.8162188	-1.224390424
##	[157,]	-1.3518810769	-0.6603060	0.8162188	-1.568718859
##	[158,]	-1.3468978896	-0.6603060	-1.2243282	0.448061978
##	[159,]	-1.3452368272	0.2545383	0.8162188	0.054543766
##	[160,]	-1.3435757648	0.2545383	-1.2243282	0.448061978
##	[161,]	-1.3419147024	0.2545383	0.8162188	0.694010860
##	[162,]	-1.3402536400	1.1693826	0.8162188	-0.437353999
##	[163,]	-1.3352704527	0.2545383	0.8162188	-1.175200647
##	[164,]	-1.3319483278	0.2545383	0.8162188	0.841580190

## [165,]	-1.3302872654	0.2545383	0.8162188	0.644821084
## [166,]	-1.3269651406	0.2545383	-1.2243282	-0.634113105
## [167,]	-1.3253040782	-1.5751502	0.8162188	-0.486543776
## [168,]	-1.3236430157	-0.6603060	-1.2243282	-1.224390424
## [169,]	-1.3203208909	-1.5751502	-1.2243282	-0.338974446
## [170,]	-1.3186598285	0.2545383	0.8162188	-1.126010871
## [171,]	-1.3153377036	0.2545383	0.8162188	-0.732492658
## [172,]	-1.3120155788	0.2545383	-1.2243282	1.677806391
## [173,]	-1.3070323915	1.1693826	0.8162188	-1.765477965
## [174,]	-1.3053713291	0.2545383	0.8162188	0.005353989
## [175,]	-1.3037102667	0.2545383	-1.2243282	-1.765477965
## [176,]	-1.3020492042	0.2545383	-1.2243282	0.054543766
## [177,]	-1.3003881418	0.2545383	0.8162188	1.185908626
## [178,]	-1.2987270794	-0.6603060	0.8162188	-0.929251764
## [179,]	-1.2970660170	-0.6603060	-1.2243282	1.284288179
## [180,]	-1.2954049546	0.2545383	-1.2243282	0.448061978
## [181,]	-1.2937438921	0.2545383	-1.2243282	1.431857508
## [182,]	-1.2920828297	1.1693826	-1.2243282	1.431857508
## [183,]	-1.2904217673	-0.6603060	-1.2243282	0.202113095
## [184,]	-1.2887607049	0.2545383	0.8162188	0.989149520
## [185,]	-1.2870996424	1.1693826	-1.2243282	-0.437353999
## [186,]	-1.2837775176	1.1693826	-1.2243282	0.300492648
## [187,]	-1.2821164552	1.1693826	-1.2243282	-0.978441541
## [188,]	-1.2804553928	0.2545383	0.8162188	-0.240594893
## [189,]	-1.2771332679	1.1693826	0.8162188	-1.027631318
## [190,]	-1.2738111431	1.1693826	-1.2243282	1.579426838
## [191,]	-1.2721500806	0.2545383	0.8162188	-0.043835787
## [192,]	-1.2704890182	1.1693826	-1.2243282	1.628616614
## [193,]	-1.2688279558	-0.6603060	0.8162188	-0.781682435
## [194,]	-1.2671668934	1.1693826	0.8162188	-1.421149530
## [195,]	-1.2638447685	-1.5751502	0.8162188	-0.043835787
## [196,]	-1.2588615813	-0.6603060	0.8162188	-0.043835787
## [197,]	-1.2555394564	-0.6603060	-1.2243282	-1.421149530
## [198,]	-1.2538783940	0.2545383	-1.2243282	-1.470339306
## [199,]	-1.2522173316	1.1693826	0.8162188	1.087529073
## [200,]	-1.2488952067	1.1693826	0.8162188	-0.584923329
## [201,]	-1.2472341443	0.2545383	0.8162188	-0.289784670
## [202,]	-1.2455730819	1.1693826	0.8162188	1.284288179
## [203,]	-1.2422509570	1.1693826	0.8162188	-1.126010871
## [204,]	-1.2356067073	0.2545383	0.8162188	1.628616614
## [205,]	-1.2339456449	-0.6603060	0.8162188	0.202113095
## [206,]	-1.2322845825	-0.6603060	-1.2243282	-1.519529083
## [207,]	-1.2306235201	1.1693826	0.8162188	-0.289784670
## [208,]	-1.2273013952	-0.6603060	-1.2243282	0.349682425
## [209,]	-1.2256403328	1.1693826	0.8162188	-0.142215340
## [210,]	-1.2239792704	1.1693826	0.8162188	1.530237061
## [211,]	-1.2189960831	1.1693826	0.8162188	-1.667098412
## [212,]	-1.2173350207	0.2545383	0.8162188	1.087529073
## [213,]	-1.2156739583	1.1693826	-1.2243282	1.185908626
## [214,]	-1.2106907710	-0.6603060	0.8162188	0.743200637
## [215,]	-1.2090297086	1.1693826	-1.2243282	1.087529073
## [216,]	-1.2073686462	1.1693826	-1.2243282	0.448061978
## [217,]	-1.2057075837	0.2545383	-1.2243282	-0.683302882
## [218,]	-1.2040465213	0.2545383	0.8162188	0.939959743

##	[219,]	-1.2007243965	1.1693826	-1.2243282	-0.437353999
##	[220,]	-1.1990633341	1.1693826	-1.2243282	-0.683302882
##	[221,]	-1.1974022716	1.1693826	0.8162188	-0.191405117
##	[222,]	-1.1957412092	0.2545383	-1.2243282	-0.929251764
##	[223,]	-1.1940801468	-0.6603060	0.8162188	-0.929251764
##	[224,]	-1.1924190844	-1.5751502	0.8162188	0.497251754
##	[225,]	-1.1907580219	0.2545383	0.8162188	1.185908626
##	[226,]	-1.1890969595	0.2545383	0.8162188	0.202113095
##	[227,]	-1.1857748347	-1.5751502	0.8162188	-1.224390424
##	[228,]	-1.1841137722	-0.6603060	-1.2243282	-1.175200647
##	[229,]	-1.1807916474	0.2545383	-1.2243282	1.284288179
##	[230,]	-1.1791305850	0.2545383	0.8162188	0.989149520
##	[231,]	-1.1774695226	0.2545383	-1.2243282	1.136718849
##	[232,]	-1.1724863353	0.2545383	0.8162188	-0.388164223
##	[233,]	-1.1691642104	-0.6603060	0.8162188	-0.683302882
##	[234,]	-1.1658420856	1.1693826	-1.2243282	0.103733542
##	[235,]	-1.1625199608	0.2545383	0.8162188	-0.388164223
##	[236,]	-1.1591978359	1.1693826	-1.2243282	0.694010860
##	[237,]	-1.1575367735	-1.5751502	-1.2243282	-1.322769977
##	[238,]	-1.1558757111	-1.5751502	0.8162188	0.644821084
##	[239,]	-1.1542146486	0.2545383	-1.2243282	-0.486543776
##	[240,]	-1.1525535862	1.1693826	0.8162188	-0.191405117
##	[241,]	-1.1508925238	0.2545383	-1.2243282	1.481047285
##	[242,]	-1.1492314614	0.2545383	0.8162188	1.677806391
##	[243,]	-1.1475703990	0.2545383	0.8162188	-1.470339306
##	[244,]	-1.1459093365	-1.5751502	0.8162188	-0.191405117
##	[245,]	-1.1442482741	0.2545383	0.8162188	0.202113095
##	[246,]	-1.1425872117	-0.6603060	0.8162188	0.349682425
##	[247,]	-1.1409261493	0.2545383	-1.2243282	-0.142215340
##	[248,]	-1.1392650868	1.1693826	0.8162188	0.890769967
##	[249,]	-1.1376040244	0.2545383	-1.2243282	0.841580190
##	[250,]	-1.1359429620	-1.5751502	0.8162188	0.546441531
##	[251,]	-1.1342818996	-1.5751502	0.8162188	-0.240594893
##	[252,]	-1.1326208372	0.2545383	-1.2243282	-0.093025564
##	[253,]	-1.1276376499	0.2545383	0.8162188	-0.289784670
##	[254,]	-1.1259765875	1.1693826	-1.2243282	0.792390413
##	[255,]	-1.1226544626	1.1693826	0.8162188	-1.027631318
##	[256,]	-1.1209934002	-1.5751502	-1.2243282	-0.191405117
##	[257,]	-1.1193323378	1.1693826	-1.2243282	-0.486543776
##	[258,]	-1.1176712754	-1.5751502	0.8162188	-0.830872211
##	[259,]	-1.1160102129	0.2545383	0.8162188	1.481047285
##	[260,]	-1.1126880881	0.2545383	0.8162188	0.251302872
##	[261,]	-1.1060438384	-0.6603060	0.8162188	1.677806391
##	[262,]	-1.1027217136	1.1693826	0.8162188	-1.322769977
##	[263,]	-1.1010606511	1.1693826	0.8162188	0.890769967
##	[264,]	-1.0993995887	0.2545383	-1.2243282	0.448061978
##	[265,]	-1.0977385263	-1.5751502	0.8162188	0.644821084
##	[266,]	-1.0944164014	-1.5751502	0.8162188	0.595631307
##	[267,]	-1.0927553390	-0.6603060	0.8162188	-0.093025564
##	[268,]	-1.0894332142	-0.6603060	0.8162188	0.939959743
##	[269,]	-1.0844500269	0.2545383	0.8162188	0.644821084
##	[270,]	-1.0827889645	1.1693826	0.8162188	-0.929251764
##	[271,]	-1.0811279021	1.1693826	0.8162188	0.743200637
##	[272,]	-1.0778057772	-1.5751502	0.8162188	1.087529073

##	[273,]	-1.0761447148	1.1693826	0.8162188	1.382667732
##	[274,]	-1.0744836524	0.2545383	0.8162188	1.579426838
##	[275,]	-1.0728225899	1.1693826	0.8162188	1.677806391
##	[276,]	-1.0711615275	-1.5751502	-1.2243282	0.694010860
##	[277,]	-1.0695004651	-0.6603060	-1.2243282	0.251302872
##	[278,]	-1.0678394027	-1.5751502	-1.2243282	-1.076821094
##	[279,]	-1.0645172778	0.2545383	-1.2243282	0.890769967
##	[280,]	-1.0628562154	-1.5751502	0.8162188	1.481047285
##	[281,]	-1.0611951530	0.2545383	0.8162188	-1.027631318
##	[282,]	-1.0595340906	-0.6603060	0.8162188	1.628616614
##	[283,]	-1.0578730281	-0.6603060	0.8162188	-1.076821094
##	[284,]	-1.0562119657	-0.6603060	0.8162188	-1.421149530
##	[285,]	-1.0545509033	-1.5751502	0.8162188	-0.289784670
##	[286,]	-1.0528898409	1.1693826	-1.2243282	-1.175200647
##	[287,]	-1.0512287785	1.1693826	0.8162188	-1.126010871
##	[288,]	-1.0495677160	1.1693826	0.8162188	0.792390413
##	[289,]	-1.0479066536	-1.5751502	0.8162188	-1.027631318
##	[290,]	-1.0462455912	1.1693826	-1.2243282	0.005353989
##	[291,]	-1.0445845288	0.2545383	-1.2243282	-1.519529083
##	[292,]	-1.0429234663	0.2545383	0.8162188	-1.765477965
##	[293,]	-1.0396013415	1.1693826	-1.2243282	0.890769967
##	[294,]	-1.0362792167	1.1693826	0.8162188	-0.880061988
##	[295,]	-1.0329570918	-0.6603060	0.8162188	-0.634113105
##	[296,]	-1.0312960294	0.2545383	-1.2243282	0.546441531
##	[297,]	-1.0296349670	0.2545383	0.8162188	-0.584923329
##	[298,]	-1.0279739045	0.2545383	0.8162188	1.481047285
##	[299,]	-1.0263128421	0.2545383	0.8162188	0.743200637
##	[300,]	-1.0246517797	1.1693826	0.8162188	0.890769967
##	[301,]	-1.0213296549	1.1693826	0.8162188	1.087529073
##	[302,]	-1.0196685924	1.1693826	-1.2243282	0.152923319
##	[303,]	-1.0180075300	-0.6603060	0.8162188	0.103733542
##	[304,]	-1.0113632803	-0.6603060	0.8162188	1.677806391
##	[305,]	-1.0097022179	0.2545383	0.8162188	-0.880061988
##	[306,]	-1.0063800931	-0.6603060	-1.2243282	-0.929251764
##	[307,]	-1.0047190306	1.1693826	0.8162188	1.235098402
##	[308,]	-1.0030579682	-1.5751502	-1.2243282	0.743200637
##	[309,]	-1.0013969058	1.1693826	0.8162188	-1.667098412
##	[310,]	-0.9997358434	0.2545383	0.8162188	0.989149520
##	[311,]	-0.9980747809	-1.5751502	0.8162188	-0.191405117
##	[312,]	-0.9964137185	-1.5751502	0.8162188	1.530237061
##	[313,]	-0.9947526561	0.2545383	0.8162188	-1.667098412
##	[314,]	-0.9914305312	1.1693826	-1.2243282	0.398872201
##	[315,]	-0.9897694688	0.2545383	0.8162188	1.628616614
##	[316,]	-0.9881084064	0.2545383	-1.2243282	-1.617908636
##	[317,]	-0.9864473440	0.2545383	-1.2243282	1.185908626
##	[318,]	-0.9831252191	0.2545383	0.8162188	0.939959743
##	[319,]	-0.9814641567	0.2545383	-1.2243282	0.939959743
##	[320,]	-0.9781420319	0.2545383	-1.2243282	-0.043835787
##	[321,]	-0.9764809694	1.1693826	0.8162188	0.398872201
##	[322,]	-0.9748199070	1.1693826	0.8162188	0.349682425
##	[323,]	-0.9731588446	-1.5751502	-1.2243282	0.398872201
##	[324,]	-0.9714977822	-1.5751502	0.8162188	0.890769967
##	[325,]	-0.9698367198	1.1693826	-1.2243282	-0.093025564
##	[326,]	-0.9681756573	0.2545383	-1.2243282	-0.880061988

##	[327,]	-0.9648535325	0.2545383	0.8162188	-0.584923329
##	[328,]	-0.9631924701	1.1693826	-1.2243282	-1.224390424
##	[329,]	-0.9615314076	-0.6603060	0.8162188	-0.978441541
##	[330,]	-0.9598703452	1.1693826	0.8162188	-1.175200647
##	[331,]	-0.9582092828	0.2545383	-1.2243282	0.792390413
##	[332,]	-0.9565482204	0.2545383	0.8162188	0.349682425
##	[333,]	-0.9548871580	1.1693826	-1.2243282	-1.716288189
##	[334,]	-0.9532260955	0.2545383	-1.2243282	-1.126010871
##	[335,]	-0.9515650331	1.1693826	0.8162188	0.448061978
##	[336,]	-0.9499039707	-0.6603060	0.8162188	-0.437353999
##	[337,]	-0.9482429083	-0.6603060	0.8162188	0.546441531
##	[338,]	-0.9465818458	-0.6603060	0.8162188	-1.765477965
##	[339,]	-0.9449207834	1.1693826	-1.2243282	-1.765477965
##	[340,]	-0.9415986586	-0.6603060	-1.2243282	-0.486543776
##	[341,]	-0.9382765337	1.1693826	0.8162188	-0.240594893
##	[342,]	-0.9366154713	0.2545383	0.8162188	1.284288179
##	[343,]	-0.9349544089	0.2545383	-1.2243282	-1.322769977
##	[344,]	-0.9332933465	1.1693826	-1.2243282	-1.322769977
##	[345,]	-0.9316322840	0.2545383	0.8162188	-0.191405117
##	[346,]	-0.9299712216	0.2545383	0.8162188	0.841580190
##	[347,]	-0.9283101592	1.1693826	0.8162188	1.431857508
##	[348,]	-0.9266490968	-0.6603060	0.8162188	1.628616614
##	[349,]	-0.9249880344	-1.5751502	-1.2243282	-1.076821094
##	[350,]	-0.9233269719	1.1693826	0.8162188	-0.240594893
##	[351,]	-0.9216659095	0.2545383	0.8162188	-0.683302882
##	[352,]	-0.9200048471	0.2545383	-1.2243282	0.448061978
##	[353,]	-0.9166827222	-1.5751502	-1.2243282	1.235098402
##	[354,]	-0.9150216598	0.2545383	0.8162188	-0.732492658
##	[355,]	-0.9133605974	1.1693826	-1.2243282	0.939959743
##	[356,]	-0.9116995350	0.2545383	0.8162188	-0.437353999
##	[357,]	-0.9100384725	-1.5751502	0.8162188	1.579426838
##	[358,]	-0.9083774101	-1.5751502	-1.2243282	1.628616614
##	[359,]	-0.9067163477	1.1693826	-1.2243282	-1.027631318
##	[360,]	-0.9033942229	-1.5751502	0.8162188	-0.880061988
##	[361,]	-0.9017331604	1.1693826	0.8162188	1.087529073
##	[362,]	-0.9000720980	1.1693826	-1.2243282	-0.978441541
##	[363,]	-0.8984110356	-1.5751502	0.8162188	-1.322769977
##	[364,]	-0.8967499732	1.1693826	-1.2243282	-1.568718859
##	[365,]	-0.8950889107	0.2545383	-1.2243282	1.579426838
##	[366,]	-0.8934278483	0.2545383	-1.2243282	-1.765477965
##	[367,]	-0.8917667859	-1.5751502	0.8162188	-0.486543776
##	[368,]	-0.8867835986	1.1693826	0.8162188	1.677806391
##	[369,]	-0.8851225362	0.2545383	0.8162188	0.103733542
##	[370,]	-0.8834614738	0.2545383	0.8162188	-1.175200647
##	[371,]	-0.8818004114	0.2545383	-1.2243282	1.185908626
##	[372,]	-0.8801393489	1.1693826	0.8162188	-0.584923329
##	[373,]	-0.8784782865	0.2545383	0.8162188	1.530237061
##	[374,]	-0.8768172241	1.1693826	0.8162188	0.792390413
##	[375,]	-0.8751561617	-0.6603060	0.8162188	1.284288179
##	[376,]	-0.8734950993	-0.6603060	0.8162188	-1.716288189
##	[377,]	-0.8718340368	0.2545383	-1.2243282	1.038339296
##	[378,]	-0.8701729744	1.1693826	-1.2243282	1.481047285
##	[379,]	-0.8685119120	-1.5751502	0.8162188	0.054543766
##	[380,]	-0.8635287247	0.2545383	-1.2243282	1.530237061

##	[381,]	-0.8602065999	1.1693826	-1.2243282	0.546441531
##	[382,]	-0.8585455375	0.2545383	0.8162188	0.300492648
##	[383,]	-0.8552234126	0.2545383	0.8162188	0.349682425
##	[384,]	-0.8535623502	-1.5751502	-1.2243282	-1.126010871
##	[385,]	-0.8502402253	-0.6603060	0.8162188	-0.240594893
##	[386,]	-0.8485791629	0.2545383	0.8162188	-1.273580200
##	[387,]	-0.8469181005	1.1693826	-1.2243282	1.431857508
##	[388,]	-0.8452570381	1.1693826	-1.2243282	-0.978441541
##	[389,]	-0.8435959757	-0.6603060	-1.2243282	1.431857508
##	[390,]	-0.8419349132	0.2545383	0.8162188	-0.830872211
##	[391,]	-0.8386127884	-1.5751502	0.8162188	-0.338974446
##	[392,]	-0.8369517260	-0.6603060	-1.2243282	0.595631307
##	[393,]	-0.8352906635	-1.5751502	0.8162188	0.989149520
##	[394,]	-0.8336296011	0.2545383	-1.2243282	0.300492648
##	[395,]	-0.8319685387	-0.6603060	-1.2243282	-1.716288189
##	[396,]	-0.8303074763	1.1693826	0.8162188	-0.240594893
##	[397,]	-0.8286464139	0.2545383	-1.2243282	0.398872201
##	[398,]	-0.8269853514	-0.6603060	-1.2243282	1.628616614
##	[399,]	-0.8236632266	-0.6603060	-1.2243282	0.300492648
##	[400,]	-0.8220021642	1.1693826	0.8162188	1.579426838
##	[401,]	-0.8203411017	-0.6603060	0.8162188	-0.683302882
##	[402,]	-0.8186800393	0.2545383	-1.2243282	0.989149520
##	[403,]	-0.8170189769	-0.6603060	-1.2243282	0.841580190
##	[404,]	-0.8153579145	-0.6603060	0.8162188	-0.830872211
##	[405,]	-0.8120357896	0.2545383	0.8162188	0.644821084
##	[406,]	-0.8087136648	-1.5751502	0.8162188	1.235098402
##	[407,]	-0.8004083527	1.1693826	0.8162188	-1.322769977
##	[408,]	-0.7987472902	-1.5751502	0.8162188	0.152923319
##	[409,]	-0.7954251654	1.1693826	-1.2243282	-1.765477965
##	[410,]	-0.7937641030	-1.5751502	-1.2243282	1.284288179
##	[411,]	-0.7921030406	0.2545383	-1.2243282	-1.126010871
##	[412,]	-0.7904419781	-1.5751502	-1.2243282	-1.224390424
##	[413,]	-0.7887809157	0.2545383	-1.2243282	1.038339296
##	[414,]	-0.7871198533	1.1693826	-1.2243282	1.087529073
##	[415,]	-0.7821366660	-1.5751502	-1.2243282	-0.191405117
##	[416,]	-0.7804756036	1.1693826	-1.2243282	-1.617908636
##	[417,]	-0.7788145412	1.1693826	0.8162188	-1.175200647
##	[418,]	-0.7754924163	0.2545383	-1.2243282	0.644821084
##	[419,]	-0.7721702915	-1.5751502	-1.2243282	1.185908626
##	[420,]	-0.7688481666	0.2545383	0.8162188	-0.634113105
##	[421,]	-0.7655260418	-0.6603060	0.8162188	1.333477955
##	[422,]	-0.7638649794	0.2545383	-1.2243282	0.251302872
##	[423,]	-0.7622039170	-1.5751502	0.8162188	-0.683302882
##	[424,]	-0.7605428545	0.2545383	-1.2243282	0.152923319
##	[425,]	-0.7588817921	-1.5751502	0.8162188	-0.486543776
##	[426,]	-0.7572207297	-0.6603060	0.8162188	1.087529073
##	[427,]	-0.7538986048	0.2545383	-1.2243282	-0.830872211
##	[428,]	-0.7505764800	0.2545383	-1.2243282	0.694010860
##	[429,]	-0.7489154176	-1.5751502	-1.2243282	-0.043835787
##	[430,]	-0.7472543552	-1.5751502	0.8162188	-0.732492658
##	[431,]	-0.7439322303	1.1693826	0.8162188	-0.978441541
##	[432,]	-0.7422711679	0.2545383	-1.2243282	-1.175200647
##	[433,]	-0.7406101055	1.1693826	0.8162188	-0.191405117
##	[434,]	-0.7389490430	0.2545383	-1.2243282	1.382667732

##	[435,]	-0.7372879806	0.2545383	0.8162188	-1.617908636
##	[436,]	-0.7356269182	-0.6603060	0.8162188	-0.486543776
##	[437,]	-0.7323047934	-1.5751502	0.8162188	-1.371959753
##	[438,]	-0.7306437309	1.1693826	0.8162188	-0.437353999
##	[439,]	-0.7289826685	1.1693826	0.8162188	0.300492648
##	[440,]	-0.7273216061	-1.5751502	0.8162188	0.005353989
##	[441,]	-0.7223384188	-0.6603060	-1.2243282	-1.126010871
##	[442,]	-0.7206773564	-0.6603060	0.8162188	1.530237061
##	[443,]	-0.7190162940	-0.6603060	0.8162188	-1.667098412
##	[444,]	-0.7173552315	0.2545383	0.8162188	1.628616614
##	[445,]	-0.7140331067	-0.6603060	-1.2243282	-1.421149530
##	[446,]	-0.7107109819	-1.5751502	-1.2243282	0.841580190
##	[447,]	-0.7073888570	1.1693826	0.8162188	-0.486543776
##	[448,]	-0.7057277946	-0.6603060	0.8162188	0.939959743
##	[449,]	-0.7040667322	-0.6603060	-1.2243282	0.448061978
##	[450,]	-0.7024056697	0.2545383	-1.2243282	-0.880061988
##	[451,]	-0.6990835449	-0.6603060	0.8162188	0.546441531
##	[452,]	-0.6974224825	1.1693826	0.8162188	-0.486543776
##	[453,]	-0.6957614201	1.1693826	0.8162188	-0.240594893
##	[454,]	-0.6924392952	-0.6603060	-1.2243282	-0.388164223
##	[455,]	-0.6874561079	1.1693826	0.8162188	-1.568718859
##	[456,]	-0.6857950455	-1.5751502	-1.2243282	1.431857508
##	[457,]	-0.6841339831	0.2545383	0.8162188	-1.076821094
##	[458,]	-0.6824729207	-0.6603060	0.8162188	0.152923319
##	[459,]	-0.6808118583	0.2545383	0.8162188	-0.388164223
##	[460,]	-0.6791507958	-1.5751502	-1.2243282	-0.191405117
##	[461,]	-0.6758286710	-1.5751502	0.8162188	-1.027631318
##	[462,]	-0.6725065461	-1.5751502	-1.2243282	0.694010860
##	[463,]	-0.6708454837	1.1693826	0.8162188	0.398872201
##	[464,]	-0.6691844213	0.2545383	0.8162188	0.005353989
##	[465,]	-0.6675233589	-0.6603060	-1.2243282	-0.338974446
##	[466,]	-0.6658622965	-1.5751502	-1.2243282	0.989149520
##	[467,]	-0.6642012340	-0.6603060	-1.2243282	1.235098402
##	[468,]	-0.6625401716	-1.5751502	0.8162188	0.152923319
##	[469,]	-0.6558959219	1.1693826	0.8162188	0.595631307
##	[470,]	-0.6542348595	1.1693826	0.8162188	-0.289784670
##	[471,]	-0.6525737971	1.1693826	0.8162188	-1.371959753
##	[472,]	-0.6492516722	0.2545383	-1.2243282	0.497251754
##	[473,]	-0.6475906098	-0.6603060	-1.2243282	-0.043835787
##	[474,]	-0.6426074225	1.1693826	0.8162188	-0.388164223
##	[475,]	-0.6409463601	-0.6603060	0.8162188	1.136718849
##	[476,]	-0.6376242353	-1.5751502	0.8162188	0.005353989
##	[477,]	-0.6343021104	1.1693826	0.8162188	1.382667732
##	[478,]	-0.6326410480	-1.5751502	0.8162188	1.628616614
##	[479,]	-0.6309799856	-0.6603060	0.8162188	-1.273580200
##	[480,]	-0.6276578607	-1.5751502	-1.2243282	-0.535733552
##	[481,]	-0.6259967983	-0.6603060	0.8162188	0.398872201
##	[482,]	-0.6243357359	-0.6603060	0.8162188	0.841580190
##	[483,]	-0.6226746735	-0.6603060	0.8162188	-0.978441541
##	[484,]	-0.6193525486	-1.5751502	0.8162188	-0.584923329
##	[485,]	-0.6176914862	-1.5751502	0.8162188	0.005353989
##	[486,]	-0.6143693614	-1.5751502	-1.2243282	0.005353989
##	[487,]	-0.6127082989	1.1693826	0.8162188	0.448061978
##	[488,]	-0.6110472365	1.1693826	-1.2243282	0.841580190

##	[489,]	-0.6077251117	0.2545383	-1.2243282	0.743200637
##	[490,]	-0.6044029868	-0.6603060	0.8162188	-0.781682435
##	[491,]	-0.6027419244	0.2545383	-1.2243282	-1.126010871
##	[492,]	-0.6010808620	1.1693826	0.8162188	0.300492648
##	[493,]	-0.5994197996	1.1693826	-1.2243282	-1.273580200
##	[494,]	-0.5977587371	-1.5751502	-1.2243282	-0.781682435
##	[495,]	-0.5960976747	0.2545383	-1.2243282	-1.716288189
##	[496,]	-0.5944366123	0.2545383	0.8162188	0.939959743
##	[497,]	-0.5911144874	0.2545383	0.8162188	-0.830872211
##	[498,]	-0.5877923626	1.1693826	0.8162188	-1.519529083
##	[499,]	-0.5811481129	-1.5751502	0.8162188	0.152923319
##	[500,]	-0.5778259881	0.2545383	0.8162188	-1.322769977
##	[501,]	-0.5745038632	-1.5751502	-1.2243282	1.284288179
##	[502,]	-0.5728428008	0.2545383	-1.2243282	0.251302872
##	[503,]	-0.5695206760	1.1693826	-1.2243282	-1.568718859
##	[504,]	-0.5678596135	-0.6603060	0.8162188	-1.175200647
##	[505,]	-0.5661985511	-1.5751502	-1.2243282	1.677806391
##	[506,]	-0.5628764263	0.2545383	-1.2243282	0.251302872
##	[507,]	-0.5578932390	0.2545383	0.8162188	-1.470339306
##	[508,]	-0.5562321766	-0.6603060	-1.2243282	-0.191405117
##	[509,]	-0.5545711142	-0.6603060	0.8162188	0.792390413
##	[510,]	-0.5529100517	0.2545383	0.8162188	-1.765477965
##	[511,]	-0.5429436772	0.2545383	0.8162188	1.087529073
##	[512,]	-0.5412826148	-0.6603060	0.8162188	-0.880061988
##	[513,]	-0.5396215523	-1.5751502	0.8162188	-0.584923329
##	[514,]	-0.5379604899	1.1693826	0.8162188	-1.667098412
##	[515,]	-0.5362994275	-1.5751502	0.8162188	0.202113095
##	[516,]	-0.5329773027	0.2545383	0.8162188	-1.224390424
##	[517,]	-0.5313162402	-1.5751502	0.8162188	-0.388164223
##	[518,]	-0.5279941154	1.1693826	0.8162188	-0.437353999
##	[519,]	-0.5246719905	1.1693826	-1.2243282	-0.978441541
##	[520,]	-0.5230109281	-0.6603060	0.8162188	0.497251754
##	[521,]	-0.5196888033	-0.6603060	0.8162188	-0.486543776
##	[522,]	-0.5163666784	1.1693826	-1.2243282	0.251302872
##	[523,]	-0.5147056160	1.1693826	0.8162188	0.694010860
##	[524,]	-0.5130445536	1.1693826	0.8162188	0.398872201
##	[525,]	-0.5113834912	1.1693826	-1.2243282	-0.978441541
##	[526,]	-0.5064003039	-1.5751502	-1.2243282	-0.043835787
##	[527,]	-0.5047392415	1.1693826	-1.2243282	0.694010860
##	[528,]	-0.5030781791	1.1693826	0.8162188	-0.535733552
##	[529,]	-0.5014171166	-0.6603060	0.8162188	-0.781682435
##	[530,]	-0.4997560542	-0.6603060	-1.2243282	-1.617908636
##	[531,]	-0.4980949918	0.2545383	-1.2243282	0.103733542
##	[532,]	-0.4947728669	0.2545383	-1.2243282	-1.322769977
##	[533,]	-0.4931118045	1.1693826	0.8162188	-1.175200647
##	[534,]	-0.4914507421	1.1693826	0.8162188	-0.880061988
##	[535,]	-0.4897896797	0.2545383	0.8162188	-0.338974446
##	[536,]	-0.4881286173	-0.6603060	0.8162188	0.349682425
##	[537,]	-0.4864675548	-1.5751502	0.8162188	0.890769967
##	[538,]	-0.4848064924	1.1693826	0.8162188	-1.667098412
##	[539,]	-0.4831454300	1.1693826	0.8162188	-0.338974446
##	[540,]	-0.4765011803	1.1693826	0.8162188	-0.584923329
##	[541,]	-0.4715179930	-1.5751502	-1.2243282	0.054543766
##	[542,]	-0.4698569306	-1.5751502	-1.2243282	-0.142215340

##	[543,]	-0.4681958682	0.2545383	-1.2243282	0.743200637
##	[544,]	-0.4665348058	-1.5751502	0.8162188	-0.830872211
##	[545,]	-0.4632126809	1.1693826	-1.2243282	-0.830872211
##	[546,]	-0.4615516185	0.2545383	0.8162188	1.628616614
##	[547,]	-0.4582294937	0.2545383	0.8162188	1.628616614
##	[548,]	-0.4532463064	0.2545383	0.8162188	-0.437353999
##	[549,]	-0.4499241815	1.1693826	0.8162188	-0.929251764
##	[550,]	-0.4449409943	-0.6603060	-1.2243282	1.481047285
##	[551,]	-0.4432799318	-0.6603060	0.8162188	-1.421149530
##	[552,]	-0.4399578070	0.2545383	-1.2243282	-1.076821094
##	[553,]	-0.4366356822	0.2545383	0.8162188	0.743200637
##	[554,]	-0.4349746197	1.1693826	-1.2243282	0.989149520
##	[555,]	-0.4333135573	1.1693826	-1.2243282	-0.535733552
##	[556,]	-0.4299914325	1.1693826	0.8162188	0.841580190
##	[557,]	-0.4250082452	1.1693826	0.8162188	0.989149520
##	[558,]	-0.4216861204	1.1693826	-1.2243282	-0.240594893
##	[559,]	-0.4200250579	-1.5751502	0.8162188	0.694010860
##	[560,]	-0.4183639955	1.1693826	0.8162188	1.284288179
##	[561,]	-0.4150418707	-0.6603060	-1.2243282	-1.667098412
##	[562,]	-0.4133808082	0.2545383	0.8162188	-1.716288189
##	[563,]	-0.4067365586	1.1693826	0.8162188	-0.142215340
##	[564,]	-0.4050754961	0.2545383	-1.2243282	-1.667098412
##	[565,]	-0.4017533713	-0.6603060	0.8162188	-0.978441541
##	[566,]	-0.4000923089	-1.5751502	0.8162188	0.644821084
##	[567,]	-0.3984312464	-0.6603060	-1.2243282	0.546441531
##	[568,]	-0.3967701840	1.1693826	0.8162188	-0.289784670
##	[569,]	-0.3951091216	1.1693826	0.8162188	0.595631307
##	[570,]	-0.3917869968	-1.5751502	0.8162188	0.497251754
##	[571,]	-0.3884648719	1.1693826	0.8162188	-1.224390424
##	[572,]	-0.3868038095	-1.5751502	-1.2243282	0.251302872
##	[573,]	-0.3851427471	-0.6603060	-1.2243282	0.005353989
##	[574,]	-0.3801595598	1.1693826	0.8162188	-1.371959753
##	[575,]	-0.3784984974	-0.6603060	-1.2243282	0.300492648
##	[576,]	-0.3751763725	1.1693826	-1.2243282	1.431857508
##	[577,]	-0.3735153101	0.2545383	0.8162188	0.890769967
##	[578,]	-0.3701931853	1.1693826	-1.2243282	0.792390413
##	[579,]	-0.3685321228	-1.5751502	-1.2243282	0.448061978
##	[580,]	-0.3668710604	0.2545383	-1.2243282	0.989149520
##	[581,]	-0.3652099980	-1.5751502	-1.2243282	0.300492648
##	[582,]	-0.3635489356	1.1693826	0.8162188	-1.371959753
##	[583,]	-0.3618878731	0.2545383	-1.2243282	-1.371959753
##	[584,]	-0.3602268107	0.2545383	-1.2243282	1.333477955
##	[585,]	-0.3585657483	-0.6603060	0.8162188	0.005353989
##	[586,]	-0.3552436235	0.2545383	0.8162188	-0.142215340
##	[587,]	-0.3535825610	0.2545383	0.8162188	-0.289784670
##	[588,]	-0.3519214986	1.1693826	-1.2243282	0.792390413
##	[589,]	-0.3485993738	0.2545383	0.8162188	-0.093025564
##	[590,]	-0.3469383113	-0.6603060	-1.2243282	-1.470339306
##	[591,]	-0.3452772489	0.2545383	0.8162188	-0.830872211
##	[592,]	-0.3419551241	-1.5751502	-1.2243282	0.152923319
##	[593,]	-0.3402940617	0.2545383	-1.2243282	-1.617908636
##	[594,]	-0.3353108744	0.2545383	-1.2243282	-1.519529083
##	[595,]	-0.3336498120	0.2545383	0.8162188	0.743200637
##	[596,]	-0.3319887495	1.1693826	0.8162188	-1.716288189

##	[597,]	-0.3303276871	1.1693826	-1.2243282	-1.273580200
##	[598,]	-0.3286666247	1.1693826	-1.2243282	-1.126010871
##	[599,]	-0.3270055623	0.2545383	0.8162188	-0.978441541
##	[600,]	-0.3253444999	0.2545383	0.8162188	-1.470339306
##	[601,]	-0.3236834374	0.2545383	-1.2243282	1.579426838
##	[602,]	-0.3203613126	-1.5751502	0.8162188	-0.732492658
##	[603,]	-0.3187002502	0.2545383	-1.2243282	-0.683302882
##	[604,]	-0.3170391877	-0.6603060	-1.2243282	1.431857508
##	[605,]	-0.3137170629	-0.6603060	0.8162188	1.579426838
##	[606,]	-0.3120560005	-1.5751502	0.8162188	-1.027631318
##	[607,]	-0.3103949381	0.2545383	-1.2243282	1.677806391
##	[608,]	-0.3070728132	0.2545383	-1.2243282	-1.126010871
##	[609,]	-0.3037506884	0.2545383	0.8162188	-1.421149530
##	[610,]	-0.3020896259	-0.6603060	0.8162188	1.382667732
##	[611,]	-0.3004285635	0.2545383	0.8162188	-1.175200647
##	[612,]	-0.2987675011	0.2545383	0.8162188	-0.338974446
##	[613,]	-0.2971064387	-0.6603060	-1.2243282	0.743200637
##	[614,]	-0.2954453763	0.2545383	0.8162188	1.087529073
##	[615,]	-0.2937843138	0.2545383	-1.2243282	1.087529073
##	[616,]	-0.2904621890	1.1693826	0.8162188	-0.781682435
##	[617,]	-0.2888011266	-1.5751502	-1.2243282	0.005353989
##	[618,]	-0.2871400641	1.1693826	0.8162188	-0.781682435
##	[619,]	-0.2838179393	-1.5751502	0.8162188	-0.043835787
##	[620,]	-0.2821568769	-1.5751502	0.8162188	-0.880061988
##	[621,]	-0.2804958145	0.2545383	-1.2243282	-0.634113105
##	[622,]	-0.2788347520	-0.6603060	0.8162188	-0.486543776
##	[623,]	-0.2755126272	-0.6603060	0.8162188	0.349682425
##	[624,]	-0.2721905023	-0.6603060	0.8162188	0.448061978
##	[625,]	-0.2705294399	-1.5751502	-1.2243282	0.595631307
##	[626,]	-0.2672073151	1.1693826	0.8162188	0.398872201
##	[627,]	-0.2655462526	0.2545383	-1.2243282	1.235098402
##	[628,]	-0.2622241278	0.2545383	-1.2243282	0.743200637
##	[629,]	-0.2605630654	1.1693826	0.8162188	0.005353989
##	[630,]	-0.2589020030	-0.6603060	0.8162188	-0.142215340
##	[631,]	-0.2539188157	1.1693826	0.8162188	-1.617908636
##	[632,]	-0.2505966908	-1.5751502	0.8162188	-0.191405117
##	[633,]	-0.2489356284	-0.6603060	0.8162188	-1.519529083
##	[634,]	-0.2439524412	-1.5751502	0.8162188	0.546441531
##	[635,]	-0.2422913787	0.2545383	0.8162188	1.579426838
##	[636,]	-0.2406303163	1.1693826	-1.2243282	0.005353989
##	[637,]	-0.2389692539	1.1693826	-1.2243282	1.481047285
##	[638,]	-0.2373081915	1.1693826	0.8162188	-0.240594893
##	[639,]	-0.2323250042	0.2545383	0.8162188	1.038339296
##	[640,]	-0.2290028794	0.2545383	-1.2243282	-1.470339306
##	[641,]	-0.2273418169	-1.5751502	0.8162188	-0.978441541
##	[642,]	-0.2256807545	-0.6603060	0.8162188	-0.880061988
##	[643,]	-0.2190365048	-0.6603060	0.8162188	1.579426838
##	[644,]	-0.2173754424	0.2545383	-1.2243282	1.431857508
##	[645,]	-0.2157143800	1.1693826	0.8162188	-0.880061988
##	[646,]	-0.2140533176	-0.6603060	-1.2243282	-0.880061988
##	[647,]	-0.2123922551	-1.5751502	0.8162188	0.349682425
##	[648,]	-0.2090701303	1.1693826	0.8162188	0.595631307
##	[649,]	-0.2074090679	0.2545383	-1.2243282	-0.584923329
##	[650,]	-0.2057480054	1.1693826	-1.2243282	0.300492648

##	[651,]	-0.2040869430	1.1693826	-1.2243282	-1.617908636
##	[652,]	-0.2024258806	0.2545383	-1.2243282	-1.519529083
##	[653,]	-0.2007648182	-1.5751502	0.8162188	-1.667098412
##	[654,]	-0.1991037558	-1.5751502	0.8162188	1.579426838
##	[655,]	-0.1924595061	1.1693826	-1.2243282	-1.175200647
##	[656,]	-0.1907984436	1.1693826	0.8162188	-0.437353999
##	[657,]	-0.1891373812	-1.5751502	0.8162188	1.038339296
##	[658,]	-0.1874763188	-1.5751502	-1.2243282	-0.191405117
##	[659,]	-0.1858152564	-0.6603060	0.8162188	-0.240594893
##	[660,]	-0.1808320691	-1.5751502	0.8162188	1.579426838
##	[661,]	-0.1775099443	1.1693826	0.8162188	-0.437353999
##	[662,]	-0.1741878194	-1.5751502	-1.2243282	-0.535733552
##	[663,]	-0.1708656946	0.2545383	-1.2243282	-0.830872211
##	[664,]	-0.1692046321	1.1693826	-1.2243282	-0.043835787
##	[665,]	-0.1675435697	0.2545383	0.8162188	0.103733542
##	[666,]	-0.1658825073	1.1693826	-1.2243282	-0.043835787
##	[667,]	-0.1642214449	-0.6603060	-1.2243282	-1.568718859
##	[668,]	-0.1625603825	-0.6603060	-1.2243282	-0.437353999
##	[669,]	-0.1575771952	0.2545383	-1.2243282	0.546441531
##	[670,]	-0.1542550703	1.1693826	0.8162188	0.202113095
##	[671,]	-0.1525940079	-0.6603060	-1.2243282	0.497251754
##	[672,]	-0.1509329455	-0.6603060	0.8162188	0.841580190
##	[673,]	-0.1476108207	0.2545383	-1.2243282	0.103733542
##	[674,]	-0.1426276334	0.2545383	0.8162188	1.677806391
##	[675,]	-0.1409665710	0.2545383	-1.2243282	-1.421149530
##	[676,]	-0.1393055085	-0.6603060	0.8162188	-1.224390424
##	[677,]	-0.1376444461	1.1693826	-1.2243282	-0.732492658
##	[678,]	-0.1343223213	-1.5751502	-1.2243282	-0.732492658
##	[679,]	-0.1326612589	1.1693826	0.8162188	-0.732492658
##	[680,]	-0.1293391340	1.1693826	-1.2243282	-1.027631318
##	[681,]	-0.1260170092	-0.6603060	0.8162188	-0.043835787
##	[682,]	-0.1243559467	1.1693826	-1.2243282	0.694010860
##	[683,]	-0.1226948843	0.2545383	-1.2243282	0.202113095
##	[684,]	-0.1210338219	0.2545383	0.8162188	-1.470339306
##	[685,]	-0.1177116971	-1.5751502	0.8162188	0.054543766
##	[686,]	-0.1143895722	0.2545383	0.8162188	-0.683302882
##	[687,]	-0.1127285098	1.1693826	0.8162188	-0.338974446
##	[688,]	-0.1110674474	0.2545383	0.8162188	0.644821084
##	[689,]	-0.1094063849	1.1693826	0.8162188	-1.421149530
##	[690,]	-0.1077453225	-1.5751502	0.8162188	0.890769967
##	[691,]	-0.1060842601	1.1693826	-1.2243282	-1.224390424
##	[692,]	-0.1011010728	1.1693826	0.8162188	-1.519529083
##	[693,]	-0.0977789480	0.2545383	-1.2243282	1.333477955
##	[694,]	-0.0961178856	0.2545383	0.8162188	-0.732492658
##	[695,]	-0.0927957607	-0.6603060	-1.2243282	-1.175200647
##	[696,]	-0.0911346983	-1.5751502	0.8162188	-0.978441541
##	[697,]	-0.0878125734	0.2545383	0.8162188	-0.437353999
##	[698,]	-0.0844904486	0.2545383	-1.2243282	0.890769967
##	[699,]	-0.0828293862	0.2545383	-1.2243282	0.989149520
##	[700,]	-0.0811683238	1.1693826	0.8162188	0.202113095
##	[701,]	-0.0795072613	1.1693826	0.8162188	-0.732492658
##	[702,]	-0.0728630116	0.2545383	0.8162188	-1.027631318
##	[703,]	-0.0712019492	0.2545383	0.8162188	-0.191405117
##	[704,]	-0.0695408868	0.2545383	-1.2243282	0.939959743

## [705,]	-0.0678798244	1.1693826	0.8162188	1.284288179
## [706,]	-0.0662187620	-1.5751502	0.8162188	-1.224390424
## [707,]	-0.0645576995	-0.6603060	-1.2243282	1.677806391
## [708,]	-0.0628966371	0.2545383	0.8162188	-0.093025564
## [709,]	-0.0579134498	-1.5751502	0.8162188	0.890769967
## [710,]	-0.0562523874	0.2545383	0.8162188	-0.978441541
## [711,]	-0.0545913250	1.1693826	0.8162188	-1.371959753
## [712,]	-0.0512692002	1.1693826	-1.2243282	1.284288179
## [713,]	-0.0496081377	-0.6603060	-1.2243282	-0.634113105
## [714,]	-0.0479470753	1.1693826	-1.2243282	1.235098402
## [715,]	-0.0462860129	1.1693826	0.8162188	0.005353989
## [716,]	-0.0446249505	0.2545383	-1.2243282	0.890769967
## [717,]	-0.0429638880	-1.5751502	0.8162188	-0.093025564
## [718,]	-0.0396417632	0.2545383	-1.2243282	-1.421149530
## [719,]	-0.0379807008	1.1693826	0.8162188	-1.175200647
## [720,]	-0.0363196384	1.1693826	-1.2243282	0.841580190
## [721,]	-0.0346585759	-1.5751502	-1.2243282	-0.880061988
## [722,]	-0.0329975135	1.1693826	0.8162188	1.431857508
## [723,]	-0.0313364511	0.2545383	0.8162188	0.005353989
## [724,]	-0.0296753887	1.1693826	0.8162188	0.448061978
## [725,]	-0.0263532638	1.1693826	-1.2243282	-1.224390424
## [726,]	-0.0246922014	0.2545383	0.8162188	-1.322769977
## [727,]	-0.0230311390	0.2545383	-1.2243282	1.481047285
## [728,]	-0.0213700766	-0.6603060	0.8162188	0.349682425
## [729,]	-0.0197090141	0.2545383	-1.2243282	-0.486543776
## [730,]	-0.0180479517	0.2545383	-1.2243282	-0.437353999
## [731,]	-0.0163868893	-0.6603060	-1.2243282	0.349682425
## [732,]	-0.0147258269	1.1693826	-1.2243282	1.579426838
## [733,]	-0.0130647644	-0.6603060	-1.2243282	-0.289784670
## [734,]	-0.0114037020	1.1693826	0.8162188	-1.667098412
## [735,]	-0.0097426396	-0.6603060	0.8162188	1.382667732
## [736,]	-0.0047594523	-1.5751502	0.8162188	1.530237061
## [737,]	-0.0014373275	0.2545383	0.8162188	0.595631307
## [738,]	0.0002237349	1.1693826	-1.2243282	-1.175200647
## [739,]	0.0018847974	1.1693826	-1.2243282	-0.043835787
## [740,]	0.0035458598	-1.5751502	-1.2243282	-0.929251764
## [741,]	0.0052069222	-0.6603060	0.8162188	-1.027631318
## [742,]	0.0068679846	1.1693826	0.8162188	1.185908626
## [743,]	0.0085290471	-1.5751502	0.8162188	-0.093025564
## [744,]	0.0118511719	0.2545383	-1.2243282	0.152923319
## [745,]	0.0135122343	-1.5751502	-1.2243282	-0.240594893
## [746,]	0.0151732967	0.2545383	0.8162188	-0.191405117
## [747,]	0.0168343592	-0.6603060	-1.2243282	-0.535733552
## [748,]	0.0184954216	-0.6603060	0.8162188	-1.175200647
## [749,]	0.0201564840	-0.6603060	0.8162188	0.644821084
## [750,]	0.0218175464	-1.5751502	-1.2243282	-0.437353999
## [751,]	0.0234786089	1.1693826	-1.2243282	-0.634113105
## [752,]	0.0251396713	1.1693826	-1.2243282	1.431857508
## [753,]	0.0284617961	0.2545383	-1.2243282	-1.126010871
## [754,]	0.0301228585	1.1693826	-1.2243282	0.792390413
## [755,]	0.0317839210	-0.6603060	-1.2243282	1.087529073
## [756,]	0.0334449834	1.1693826	-1.2243282	1.185908626
## [757,]	0.0351060458	1.1693826	-1.2243282	0.152923319
## [758,]	0.0367671082	-0.6603060	0.8162188	0.448061978

##	[759,]	0.0384281707	-0.6603060	0.8162188	0.005353989
##	[760,]	0.0400892331	-0.6603060	0.8162188	-1.470339306
##	[761,]	0.0417502955	0.2545383	-1.2243282	-1.371959753
##	[762,]	0.0450724203	-1.5751502	0.8162188	0.743200637
##	[763,]	0.0467334828	-1.5751502	0.8162188	-0.437353999
##	[764,]	0.0500556076	0.2545383	-1.2243282	1.038339296
##	[765,]	0.0517166700	1.1693826	0.8162188	0.398872201
##	[766,]	0.0583609197	0.2545383	0.8162188	-1.076821094
##	[767,]	0.0600219821	-0.6603060	0.8162188	-0.191405117
##	[768,]	0.0616830446	1.1693826	-1.2243282	-1.519529083
##	[769,]	0.0683272943	0.2545383	0.8162188	0.398872201
##	[770,]	0.0716494191	-1.5751502	-1.2243282	0.005353989
##	[771,]	0.0733104815	1.1693826	0.8162188	-1.273580200
##	[772,]	0.0749715439	0.2545383	-1.2243282	-1.224390424
##	[773,]	0.0766326064	-1.5751502	-1.2243282	-0.142215340
##	[774,]	0.0799547312	1.1693826	-1.2243282	-0.732492658
##	[775,]	0.0816157936	0.2545383	0.8162188	-1.273580200
##	[776,]	0.0849379185	0.2545383	0.8162188	0.644821084
##	[777,]	0.0865989809	1.1693826	-1.2243282	-0.584923329
##	[778,]	0.0899211057	0.2545383	-1.2243282	-1.470339306
##	[779,]	0.0915821682	1.1693826	-1.2243282	0.398872201
##	[780,]	0.0932432306	-1.5751502	0.8162188	-1.568718859
##	[781,]	0.0949042930	-0.6603060	0.8162188	0.300492648
##	[782,]	0.0965653554	-1.5751502	0.8162188	-0.338974446
##	[783,]	0.0982264179	0.2545383	0.8162188	0.939959743
##	[784,]	0.0998874803	-0.6603060	-1.2243282	-1.126010871
##	[785,]	0.1048706676	0.2545383	-1.2243282	-0.043835787
##	[786,]	0.1115149172	-1.5751502	0.8162188	-0.240594893
##	[787,]	0.1148370421	-1.5751502	0.8162188	1.038339296
##	[788,]	0.1181591669	1.1693826	0.8162188	-0.043835787
##	[789,]	0.1198202294	0.2545383	-1.2243282	-0.338974446
##	[790,]	0.1214812918	-0.6603060	0.8162188	1.235098402
##	[791,]	0.1231423542	1.1693826	0.8162188	-1.568718859
##	[792,]	0.1248034166	1.1693826	0.8162188	0.989149520
##	[793,]	0.1264644790	-1.5751502	-1.2243282	-0.584923329
##	[794,]	0.1281255415	-1.5751502	0.8162188	-0.781682435
##	[795,]	0.1297866039	-1.5751502	0.8162188	-1.027631318
##	[796,]	0.1331087287	1.1693826	-1.2243282	1.087529073
##	[797,]	0.1347697912	1.1693826	0.8162188	-1.667098412
##	[798,]	0.1364308536	-1.5751502	0.8162188	-1.421149530
##	[799,]	0.1380919160	-1.5751502	0.8162188	-0.535733552
##	[800,]	0.1397529784	1.1693826	0.8162188	-1.519529083
##	[801,]	0.1430751033	-1.5751502	0.8162188	-1.027631318
##	[802,]	0.1463972281	1.1693826	0.8162188	0.743200637
##	[803,]	0.1480582905	1.1693826	-1.2243282	-1.765477965
##	[804,]	0.1497193530	0.2545383	0.8162188	-1.273580200
##	[805,]	0.1513804154	-1.5751502	0.8162188	-1.519529083
##	[806,]	0.1530414778	-0.6603060	-1.2243282	-0.043835787
##	[807,]	0.1547025402	-0.6603060	0.8162188	1.038339296
##	[808,]	0.1563636026	0.2545383	0.8162188	0.349682425
##	[809,]	0.1580246651	0.2545383	-1.2243282	1.333477955
##	[810,]	0.1596857275	1.1693826	-1.2243282	1.333477955
##	[811,]	0.1646689148	-1.5751502	0.8162188	-0.683302882
##	[812,]	0.1663299772	1.1693826	0.8162188	-1.667098412

##	[813,]	0.1679910396	0.2545383	-1.2243282	0.841580190
##	[814,]	0.1696521020	-1.5751502	0.8162188	0.890769967
##	[815,]	0.1713131644	0.2545383	0.8162188	-1.076821094
##	[816,]	0.1762963517	1.1693826	-1.2243282	0.202113095
##	[817,]	0.1779574141	0.2545383	0.8162188	0.202113095
##	[818,]	0.1796184766	-1.5751502	0.8162188	0.595631307
##	[819,]	0.1829406014	0.2545383	0.8162188	0.054543766
##	[820,]	0.1846016638	-1.5751502	0.8162188	0.054543766
##	[821,]	0.1862627263	1.1693826	0.8162188	-0.584923329
##	[822,]	0.1879237887	1.1693826	0.8162188	-0.486543776
##	[823,]	0.1912459135	1.1693826	0.8162188	1.431857508
##	[824,]	0.1962291008	1.1693826	-1.2243282	-0.240594893
##	[825,]	0.2045344129	-0.6603060	0.8162188	-0.486543776
##	[826,]	0.2078565377	-0.6603060	0.8162188	0.644821084
##	[827,]	0.2111786626	0.2545383	0.8162188	-1.421149530
##	[828,]	0.2145007874	0.2545383	0.8162188	-1.322769977
##	[829,]	0.2178229123	0.2545383	0.8162188	0.694010860
##	[830,]	0.2194839747	-1.5751502	-1.2243282	0.546441531
##	[831,]	0.2211450371	-0.6603060	0.8162188	-0.978441541
##	[832,]	0.2244671620	0.2545383	0.8162188	0.300492648
##	[833,]	0.2261282244	0.2545383	-1.2243282	-0.683302882
##	[834,]	0.2277892868	1.1693826	0.8162188	-0.535733552
##	[835,]	0.2294503492	-0.6603060	-1.2243282	0.202113095
##	[836,]	0.2311114117	0.2545383	0.8162188	1.677806391
##	[837,]	0.2327724741	1.1693826	-1.2243282	-1.027631318
##	[838,]	0.2344335365	-0.6603060	-1.2243282	1.087529073
##	[839,]	0.2360945989	0.2545383	0.8162188	-1.076821094
##	[840,]	0.2427388486	-0.6603060	0.8162188	-1.027631318
##	[841,]	0.2443999110	1.1693826	0.8162188	-0.388164223
##	[842,]	0.2460609735	1.1693826	0.8162188	-0.830872211
##	[843,]	0.2493830983	0.2545383	-1.2243282	0.644821084
##	[844,]	0.2527052231	-1.5751502	0.8162188	0.792390413
##	[845,]	0.2560273480	0.2545383	0.8162188	0.300492648
##	[846,]	0.2576884104	0.2545383	-1.2243282	1.284288179
##	[847,]	0.2610105353	0.2545383	0.8162188	-1.076821094
##	[848,]	0.2643326601	1.1693826	0.8162188	1.530237061
##	[849,]	0.2659937225	1.1693826	0.8162188	-0.929251764
##	[850,]	0.2709769098	-1.5751502	-1.2243282	0.939959743
##	[851,]	0.2742990346	0.2545383	-1.2243282	0.497251754
##	[852,]	0.2759600971	1.1693826	-1.2243282	1.284288179
##	[853,]	0.2776211595	-0.6603060	-1.2243282	-0.584923329
##	[854,]	0.2792822219	0.2545383	0.8162188	-0.584923329
##	[855,]	0.2826043468	-1.5751502	-1.2243282	0.841580190
##	[856,]	0.2842654092	1.1693826	-1.2243282	-0.486543776
##	[857,]	0.2875875340	-1.5751502	0.8162188	1.038339296
##	[858,]	0.2909096589	0.2545383	0.8162188	1.481047285
##	[859,]	0.2925707213	1.1693826	-1.2243282	-0.781682435
##	[860,]	0.2942317837	-0.6603060	-1.2243282	0.152923319
##	[861,]	0.2958928461	0.2545383	0.8162188	-0.880061988
##	[862,]	0.2975539086	0.2545383	-1.2243282	0.152923319
##	[863,]	0.3008760334	1.1693826	0.8162188	0.398872201
##	[864,]	0.3025370958	-0.6603060	0.8162188	1.628616614
##	[865,]	0.3075202831	-1.5751502	0.8162188	1.431857508
##	[866,]	0.3091813455	0.2545383	0.8162188	-0.240594893

##	[867,]	0.3108424079	-0.6603060	0.8162188	-0.191405117
##	[868,]	0.3158255952	1.1693826	-1.2243282	-1.765477965
##	[869,]	0.3174866576	1.1693826	0.8162188	0.595631307
##	[870,]	0.3191477200	1.1693826	0.8162188	-0.683302882
##	[871,]	0.3208087825	0.2545383	0.8162188	1.382667732
##	[872,]	0.3224698449	1.1693826	-1.2243282	1.530237061
##	[873,]	0.3241309073	-0.6603060	-1.2243282	0.792390413
##	[874,]	0.3257919697	0.2545383	0.8162188	-0.289784670
##	[875,]	0.3307751570	0.2545383	0.8162188	-0.830872211
##	[876,]	0.3324362194	1.1693826	0.8162188	-1.667098412
##	[877,]	0.3340972818	0.2545383	0.8162188	-1.126010871
##	[878,]	0.3374194067	1.1693826	0.8162188	-0.289784670
##	[879,]	0.3424025940	1.1693826	0.8162188	0.644821084
##	[880,]	0.3457247188	-0.6603060	0.8162188	-0.683302882
##	[881,]	0.3473857812	0.2545383	-1.2243282	0.546441531
##	[882,]	0.3490468436	1.1693826	-1.2243282	-1.371959753
##	[883,]	0.3523689685	0.2545383	-1.2243282	0.546441531
##	[884,]	0.3540300309	-1.5751502	0.8162188	-0.289784670
##	[885,]	0.3556910933	-0.6603060	-1.2243282	0.890769967
##	[886,]	0.3573521558	0.2545383	0.8162188	-0.437353999
##	[887,]	0.3590132182	1.1693826	0.8162188	-0.142215340
##	[888,]	0.3606742806	-1.5751502	-1.2243282	-0.289784670
##	[889,]	0.3623353430	0.2545383	-1.2243282	0.595631307
##	[890,]	0.3639964054	-1.5751502	0.8162188	-1.175200647
##	[891,]	0.3656574679	1.1693826	-1.2243282	-0.634113105
##	[892,]	0.3673185303	-1.5751502	-1.2243282	0.300492648
##	[893,]	0.3706406551	-1.5751502	-1.2243282	1.481047285
##	[894,]	0.3723017176	-1.5751502	-1.2243282	1.530237061
##	[895,]	0.3739627800	1.1693826	0.8162188	0.939959743
##	[896,]	0.3756238424	0.2545383	0.8162188	0.694010860
##	[897,]	0.3772849048	0.2545383	-1.2243282	1.481047285
##	[898,]	0.3806070297	0.2545383	-1.2243282	-0.880061988
##	[899,]	0.3822680921	0.2545383	0.8162188	1.481047285
##	[900,]	0.3839291545	-1.5751502	0.8162188	0.939959743
##	[901,]	0.3855902169	0.2545383	0.8162188	-0.978441541
##	[902,]	0.3872512794	1.1693826	0.8162188	0.497251754
##	[903,]	0.3889123418	-1.5751502	0.8162188	0.497251754
##	[904,]	0.3905734042	0.2545383	0.8162188	0.792390413
##	[905,]	0.3955565915	1.1693826	0.8162188	0.497251754
##	[906,]	0.3972176539	1.1693826	-1.2243282	1.038339296
##	[907,]	0.3988787163	0.2545383	-1.2243282	1.136718849
##	[908,]	0.4022008412	-0.6603060	0.8162188	1.087529073
##	[909,]	0.4038619036	1.1693826	0.8162188	0.792390413
##	[910,]	0.4055229660	-0.6603060	-1.2243282	-0.437353999
##	[911,]	0.4071840284	1.1693826	0.8162188	-0.929251764
##	[912,]	0.4121672157	0.2545383	0.8162188	0.349682425
##	[913,]	0.4154893405	0.2545383	0.8162188	-0.634113105
##	[914,]	0.4188114654	-1.5751502	-1.2243282	1.382667732
##	[915,]	0.4204725278	1.1693826	0.8162188	-1.421149530
##	[916,]	0.4221335902	-1.5751502	-1.2243282	-1.027631318
##	[917,]	0.4237946527	1.1693826	-1.2243282	-1.617908636
##	[918,]	0.4254557151	0.2545383	-1.2243282	0.989149520
##	[919,]	0.4271167775	1.1693826	0.8162188	0.841580190
##	[920,]	0.4287778399	1.1693826	0.8162188	0.054543766

##	[921,]	0.4320999648	0.2545383	-1.2243282	-0.978441541
##	[922,]	0.4337610272	1.1693826	0.8162188	-1.076821094
##	[923,]	0.4370831520	0.2545383	0.8162188	1.284288179
##	[924,]	0.4387442145	0.2545383	0.8162188	-0.486543776
##	[925,]	0.4420663393	0.2545383	0.8162188	0.005353989
##	[926,]	0.4437274017	-0.6603060	-1.2243282	0.595631307
##	[927,]	0.4453884641	1.1693826	-1.2243282	-0.486543776
##	[928,]	0.4470495266	0.2545383	-1.2243282	-0.634113105
##	[929,]	0.4487105890	-1.5751502	-1.2243282	0.349682425
##	[930,]	0.4503716514	1.1693826	0.8162188	-0.683302882
##	[931,]	0.4520327138	-0.6603060	-1.2243282	-1.273580200
##	[932,]	0.4536937763	0.2545383	-1.2243282	0.300492648
##	[933,]	0.4553548387	-0.6603060	-1.2243282	-1.322769977
##	[934,]	0.4586769635	1.1693826	0.8162188	0.890769967
##	[935,]	0.4619990884	1.1693826	-1.2243282	-1.273580200
##	[936,]	0.4636601508	0.2545383	0.8162188	-0.486543776
##	[937,]	0.4669822756	-0.6603060	-1.2243282	0.841580190
##	[938,]	0.4686433381	0.2545383	-1.2243282	1.382667732
##	[939,]	0.4703044005	-1.5751502	0.8162188	1.087529073
##	[940,]	0.4719654629	1.1693826	0.8162188	0.644821084
##	[941,]	0.4736265253	0.2545383	0.8162188	1.333477955
##	[942,]	0.4752875878	-1.5751502	-1.2243282	-0.880061988
##	[943,]	0.4769486502	1.1693826	-1.2243282	-0.142215340
##	[944,]	0.4802707750	1.1693826	-1.2243282	-1.076821094
##	[945,]	0.4819318374	0.2545383	-1.2243282	-0.535733552
##	[946,]	0.4852539623	1.1693826	-1.2243282	-1.126010871
##	[947,]	0.4869150247	1.1693826	0.8162188	-0.437353999
##	[948,]	0.4885760871	-0.6603060	0.8162188	-0.093025564
##	[949,]	0.4918982120	-0.6603060	-1.2243282	1.431857508
##	[950,]	0.4935592744	-1.5751502	0.8162188	-1.667098412
##	[951,]	0.4968813992	1.1693826	-1.2243282	-0.437353999
##	[952,]	0.5051867114	0.2545383	0.8162188	-1.273580200
##	[953,]	0.5085088362	1.1693826	-1.2243282	-0.584923329
##	[954,]	0.5118309610	-1.5751502	0.8162188	1.136718849
##	[955,]	0.5134920235	0.2545383	0.8162188	-1.421149530
##	[956,]	0.5168141483	1.1693826	-1.2243282	-0.388164223
##	[957,]	0.5201362732	1.1693826	0.8162188	1.628616614
##	[958,]	0.5234583980	0.2545383	0.8162188	0.398872201
##	[959,]	0.5301026477	1.1693826	0.8162188	0.989149520
##	[960,]	0.5334247725	0.2545383	0.8162188	1.579426838
##	[961,]	0.5384079598	0.2545383	-1.2243282	0.005353989
##	[962,]	0.5400690222	0.2545383	0.8162188	1.038339296
##	[963,]	0.5433911471	0.2545383	0.8162188	0.890769967
##	[964,]	0.5483743343	-0.6603060	-1.2243282	-1.716288189
##	[965,]	0.5500353968	0.2545383	-1.2243282	0.005353989
##	[966,]	0.5533575216	1.1693826	0.8162188	0.054543766
##	[967,]	0.5566796465	0.2545383	-1.2243282	-0.634113105
##	[968,]	0.5583407089	-0.6603060	0.8162188	1.087529073
##	[969,]	0.5600017713	-1.5751502	-1.2243282	0.841580190
##	[970,]	0.5616628337	1.1693826	0.8162188	-0.584923329
##	[971,]	0.5633238961	0.2545383	-1.2243282	1.579426838
##	[972,]	0.5683070834	1.1693826	-1.2243282	0.792390413
##	[973,]	0.5699681458	1.1693826	-1.2243282	1.530237061
##	[974,]	0.5716292083	1.1693826	-1.2243282	-0.289784670

## [975,]	0.5749513331	1.1693826	0.8162188	-1.126010871
## [976,]	0.5766123955	-1.5751502	0.8162188	0.939959743
## [977,]	0.5782734579	1.1693826	0.8162188	0.103733542
## [978,]	0.5799345204	-1.5751502	-1.2243282	1.284288179
## [979,]	0.5815955828	-0.6603060	-1.2243282	1.136718849
## [980,]	0.5849177076	-0.6603060	0.8162188	0.989149520
## [981,]	0.5882398325	0.2545383	-1.2243282	1.185908626
## [982,]	0.5899008949	1.1693826	-1.2243282	0.054543766
## [983,]	0.5932230197	1.1693826	0.8162188	-0.437353999
## [984,]	0.5948840822	0.2545383	-1.2243282	1.579426838
## [985,]	0.6015283319	0.2545383	0.8162188	-0.880061988
## [986,]	0.6048504567	1.1693826	0.8162188	1.579426838
## [987,]	0.6065115191	-1.5751502	0.8162188	-1.076821094
## [988,]	0.6081725815	-0.6603060	0.8162188	-0.683302882
## [989,]	0.6098336440	1.1693826	-1.2243282	0.448061978
## [990,]	0.6131557688	0.2545383	0.8162188	-0.584923329
## [991,]	0.6148168312	-0.6603060	0.8162188	-0.240594893
## [992,]	0.6164778937	0.2545383	0.8162188	-1.470339306
## [993,]	0.6181389561	0.2545383	0.8162188	0.251302872
## [994,]	0.6214610809	-1.5751502	0.8162188	1.333477955
## [995,]	0.6247832058	1.1693826	-1.2243282	-0.338974446
## [996,]	0.6264442682	-1.5751502	-1.2243282	0.349682425
## [997,]	0.6281053306	1.1693826	-1.2243282	1.579426838
## [998,]	0.6314274555	1.1693826	-1.2243282	-0.732492658
## [999,]	0.6347495803	-1.5751502	0.8162188	-1.470339306
## [1000,]	0.6364106427	0.2545383	-1.2243282	-1.716288189
## [1001,]	0.6380717051	0.2545383	-1.2243282	-0.584923329
## [1002,]	0.6413938300	-1.5751502	-1.2243282	1.382667732
## [1003,]	0.6430548924	0.2545383	0.8162188	-0.289784670
## [1004,]	0.6480380797	-1.5751502	0.8162188	0.743200637
## [1005,]	0.6513602045	0.2545383	0.8162188	1.677806391
## [1006,]	0.6546823294	-0.6603060	0.8162188	-0.732492658
## [1007,]	0.6563433918	-1.5751502	0.8162188	1.530237061
## [1008,]	0.6580044542	0.2545383	-1.2243282	0.890769967
## [1009,]	0.6596655166	1.1693826	-1.2243282	-0.584923329
## [1010,]	0.6613265791	1.1693826	-1.2243282	0.497251754
## [1011,]	0.6629876415	-0.6603060	0.8162188	0.743200637
## [1012,]	0.6646487039	-1.5751502	-1.2243282	1.628616614
## [1013,]	0.6679708288	-0.6603060	-1.2243282	-0.781682435
## [1014,]	0.6696318912	1.1693826	-1.2243282	0.349682425
## [1015,]	0.6729540160	-1.5751502	-1.2243282	1.333477955
## [1016,]	0.6746150784	1.1693826	0.8162188	1.235098402
## [1017,]	0.6779372033	-1.5751502	-1.2243282	-1.568718859
## [1018,]	0.6795982657	-0.6603060	0.8162188	1.235098402
## [1019,]	0.6812593281	-1.5751502	0.8162188	-1.421149530
## [1020,]	0.6829203906	0.2545383	-1.2243282	1.579426838
## [1021,]	0.6862425154	-1.5751502	0.8162188	0.398872201
## [1022,]	0.6879035778	-1.5751502	0.8162188	0.103733542
## [1023,]	0.6895646402	0.2545383	0.8162188	0.890769967
## [1024,]	0.6912257027	-1.5751502	-1.2243282	1.185908626
## [1025,]	0.6945478275	-1.5751502	-1.2243282	0.792390413
## [1026,]	0.6978699524	1.1693826	-1.2243282	-1.175200647
## [1027,]	0.6995310148	1.1693826	0.8162188	1.530237061
## [1028,]	0.7011920772	1.1693826	-1.2243282	0.989149520

## [1029,]	0.7028531396	-0.6603060	0.8162188	1.185908626
## [1030,]	0.7045142020	0.2545383	0.8162188	0.743200637
## [1031,]	0.7111584517	-1.5751502	0.8162188	-1.716288189
## [1032,]	0.7178027014	-1.5751502	0.8162188	-0.683302882
## [1033,]	0.7194637638	-1.5751502	-1.2243282	-0.584923329
## [1034,]	0.7211248263	0.2545383	-1.2243282	1.677806391
## [1035,]	0.7227858887	-0.6603060	0.8162188	1.431857508
## [1036,]	0.7244469511	1.1693826	-1.2243282	1.481047285
## [1037,]	0.7294301384	-0.6603060	0.8162188	1.382667732
## [1038,]	0.7310912008	-0.6603060	0.8162188	-0.535733552
## [1039,]	0.7327522632	0.2545383	0.8162188	1.481047285
## [1040,]	0.7344133256	-1.5751502	-1.2243282	-0.683302882
## [1041,]	0.7360743881	1.1693826	0.8162188	-0.535733552
## [1042,]	0.7377354505	1.1693826	0.8162188	0.890769967
## [1043,]	0.7410575753	0.2545383	0.8162188	1.185908626
## [1044,]	0.7427186378	1.1693826	0.8162188	-1.322769977
## [1045,]	0.7443797002	-1.5751502	0.8162188	1.481047285
## [1046,]	0.7460407626	0.2545383	0.8162188	0.103733542
## [1047,]	0.7477018250	1.1693826	0.8162188	-0.830872211
## [1048,]	0.7510239499	1.1693826	0.8162188	-0.584923329
## [1049,]	0.7526850123	1.1693826	0.8162188	0.743200637
## [1050,]	0.7543460747	1.1693826	0.8162188	1.481047285
## [1051,]	0.7560071371	-1.5751502	-1.2243282	0.398872201
## [1052,]	0.7576681996	-1.5751502	-1.2243282	0.644821084
## [1053,]	0.7593292620	0.2545383	0.8162188	-0.093025564
## [1054,]	0.7609903244	-0.6603060	0.8162188	1.333477955
## [1055,]	0.7626513868	0.2545383	0.8162188	-1.519529083
## [1056,]	0.7643124493	-0.6603060	0.8162188	0.251302872
## [1057,]	0.7659735117	-1.5751502	0.8162188	1.284288179
## [1058,]	0.7676345741	-1.5751502	-1.2243282	-0.732492658
## [1059,]	0.7709566989	-1.5751502	-1.2243282	-1.273580200
## [1060,]	0.7759398862	1.1693826	0.8162188	0.497251754
## [1061,]	0.7792620111	-0.6603060	0.8162188	1.136718849
## [1062,]	0.7809230735	1.1693826	-1.2243282	0.595631307
## [1063,]	0.7825841359	-0.6603060	0.8162188	0.989149520
## [1064,]	0.7842451983	0.2545383	0.8162188	0.546441531
## [1065,]	0.7875673232	0.2545383	0.8162188	-0.978441541
## [1066,]	0.7908894480	1.1693826	0.8162188	-1.765477965
## [1067,]	0.7925505104	-1.5751502	-1.2243282	0.792390413
## [1068,]	0.7942115729	0.2545383	-1.2243282	0.595631307
## [1069,]	0.7958726353	0.2545383	0.8162188	-1.371959753
## [1070,]	0.7991947601	-1.5751502	0.8162188	0.300492648
## [1071,]	0.8008558225	0.2545383	0.8162188	-0.535733552
## [1072,]	0.8041779474	0.2545383	-1.2243282	-1.126010871
## [1073,]	0.8108221971	1.1693826	-1.2243282	1.530237061
## [1074,]	0.8124832595	0.2545383	0.8162188	1.481047285
## [1075,]	0.8141443219	1.1693826	0.8162188	0.152923319
## [1076,]	0.8158053843	0.2545383	0.8162188	-0.093025564
## [1077,]	0.8224496340	-0.6603060	-1.2243282	1.038339296
## [1078,]	0.8257717589	-1.5751502	0.8162188	1.677806391
## [1079,]	0.8274328213	1.1693826	0.8162188	-1.667098412
## [1080,]	0.8307549462	-0.6603060	-1.2243282	-1.667098412
## [1081,]	0.8340770710	0.2545383	-1.2243282	-0.732492658
## [1082,]	0.8373991958	1.1693826	-1.2243282	1.235098402

## [1083,]	0.8440434455	-1.5751502	0.8162188	1.530237061
## [1084,]	0.8457045080	1.1693826	0.8162188	0.989149520
## [1085,]	0.8473655704	1.1693826	0.8162188	-0.093025564
## [1086,]	0.8506876952	1.1693826	-1.2243282	-1.617908636
## [1087,]	0.8540098201	0.2545383	0.8162188	1.087529073
## [1088,]	0.8573319449	-0.6603060	0.8162188	-0.535733552
## [1089,]	0.8589930073	0.2545383	0.8162188	0.103733542
## [1090,]	0.8606540698	-1.5751502	0.8162188	-0.929251764
## [1091,]	0.8623151322	0.2545383	-1.2243282	-1.322769977
## [1092,]	0.8639761946	1.1693826	0.8162188	-1.076821094
## [1093,]	0.8656372570	1.1693826	0.8162188	1.530237061
## [1094,]	0.8672983194	1.1693826	0.8162188	-1.273580200
## [1095,]	0.8689593819	-1.5751502	0.8162188	-0.929251764
## [1096,]	0.8706204443	-0.6603060	0.8162188	0.644821084
## [1097,]	0.8722815067	0.2545383	0.8162188	-1.371959753
## [1098,]	0.8739425691	0.2545383	0.8162188	-0.437353999
## [1099,]	0.8756036316	1.1693826	0.8162188	0.300492648
## [1100,]	0.8772646940	-1.5751502	0.8162188	0.005353989
## [1101,]	0.8789257564	-0.6603060	-1.2243282	1.579426838
## [1102,]	0.8805868188	1.1693826	-1.2243282	0.054543766
## [1103,]	0.8822478812	0.2545383	0.8162188	0.202113095
## [1104,]	0.8839089437	0.2545383	-1.2243282	1.481047285
## [1105,]	0.8855700061	0.2545383	0.8162188	1.235098402
## [1106,]	0.8888921309	-1.5751502	0.8162188	-0.978441541
## [1107,]	0.8922142558	-0.6603060	0.8162188	-0.093025564
## [1108,]	0.8938753182	0.2545383	0.8162188	0.251302872
## [1109,]	0.8955363806	1.1693826	0.8162188	0.103733542
## [1110,]	0.9021806303	0.2545383	0.8162188	-1.617908636
## [1111,]	0.9038416927	-1.5751502	-1.2243282	0.152923319
## [1112,]	0.9088248800	0.2545383	-1.2243282	0.595631307
## [1113,]	0.9104859424	0.2545383	0.8162188	0.743200637
## [1114,]	0.9121470048	1.1693826	0.8162188	-0.191405117
## [1115,]	0.9154691297	0.2545383	-1.2243282	-0.043835787
## [1116,]	0.9171301921	-1.5751502	0.8162188	-1.519529083
## [1117,]	0.9187912545	0.2545383	0.8162188	-0.289784670
## [1118,]	0.9221133794	-0.6603060	0.8162188	-1.027631318
## [1119,]	0.9237744418	-1.5751502	-1.2243282	1.136718849
## [1120,]	0.9254355042	0.2545383	0.8162188	0.694010860
## [1121,]	0.9270965667	-0.6603060	-1.2243282	1.185908626
## [1122,]	0.9304186915	-0.6603060	-1.2243282	0.349682425
## [1123,]	0.9320797539	-0.6603060	0.8162188	1.038339296
## [1124,]	0.9337408163	-1.5751502	-1.2243282	-0.732492658
## [1125,]	0.9354018788	1.1693826	0.8162188	-1.371959753
## [1126,]	0.9387240036	-1.5751502	0.8162188	1.038339296
## [1127,]	0.9403850660	0.2545383	0.8162188	-0.338974446
## [1128,]	0.9420461285	1.1693826	0.8162188	-1.027631318
## [1129,]	0.9453682533	-1.5751502	0.8162188	0.694010860
## [1130,]	0.9470293157	1.1693826	0.8162188	1.333477955
## [1131,]	0.9486903781	-0.6603060	0.8162188	-0.978441541
## [1132,]	0.9503514406	1.1693826	0.8162188	1.284288179
## [1133,]	0.9520125030	1.1693826	-1.2243282	0.890769967
## [1134,]	0.9536735654	1.1693826	0.8162188	1.038339296
## [1135,]	0.9569956903	0.2545383	0.8162188	-0.142215340
## [1136,]	0.9586567527	1.1693826	0.8162188	-0.486543776

## [1137,]	0.9619788775	0.2545383	0.8162188	-0.732492658
## [1138,]	0.9636399399	-0.6603060	-1.2243282	0.939959743
## [1139,]	0.9653010024	-0.6603060	0.8162188	-1.224390424
## [1140,]	0.9669620648	-0.6603060	-1.2243282	-1.519529083
## [1141,]	0.9686231272	-0.6603060	-1.2243282	-1.716288189
## [1142,]	0.9702841896	-0.6603060	0.8162188	-0.880061988
## [1143,]	0.9736063145	0.2545383	-1.2243282	-0.781682435
## [1144,]	0.9752673769	-1.5751502	0.8162188	-0.683302882
## [1145,]	0.9769284393	1.1693826	0.8162188	-0.584923329
## [1146,]	0.9785895017	0.2545383	-1.2243282	0.497251754
## [1147,]	0.9802505642	0.2545383	0.8162188	-1.175200647
## [1148,]	0.9835726890	0.2545383	-1.2243282	0.890769967
## [1149,]	0.9852337514	-0.6603060	0.8162188	0.497251754
## [1150,]	0.9868948139	1.1693826	0.8162188	0.054543766
## [1151,]	0.9902169387	-0.6603060	0.8162188	-0.880061988
## [1152,]	0.9918780011	-0.6603060	-1.2243282	-1.322769977
## [1153,]	0.9935390635	0.2545383	0.8162188	1.530237061
## [1154,]	0.9952001260	-0.6603060	-1.2243282	0.202113095
## [1155,]	0.9968611884	1.1693826	-1.2243282	1.579426838
## [1156,]	1.0001833132	0.2545383	0.8162188	0.497251754
## [1157,]	1.0018443757	-1.5751502	-1.2243282	0.694010860
## [1158,]	1.0051665005	0.2545383	-1.2243282	-0.683302882
## [1159,]	1.0068275629	0.2545383	0.8162188	0.939959743
## [1160,]	1.0101496878	-1.5751502	-1.2243282	0.743200637
## [1161,]	1.0134718126	1.1693826	-1.2243282	-0.338974446
## [1162,]	1.0184549999	1.1693826	-1.2243282	-0.584923329
## [1163,]	1.0201160623	1.1693826	0.8162188	-0.535733552
## [1164,]	1.0217771247	-0.6603060	-1.2243282	0.251302872
## [1165,]	1.0234381872	0.2545383	-1.2243282	0.890769967
## [1166,]	1.0250992496	-1.5751502	0.8162188	-1.421149530
## [1167,]	1.0284213744	0.2545383	0.8162188	1.136718849
## [1168,]	1.0300824368	-1.5751502	0.8162188	-0.338974446
## [1169,]	1.0317434993	-1.5751502	-1.2243282	-1.667098412
## [1170,]	1.0334045617	-0.6603060	-1.2243282	0.989149520
## [1171,]	1.0350656241	1.1693826	0.8162188	1.038339296
## [1172,]	1.0367266865	-1.5751502	0.8162188	0.349682425
## [1173,]	1.0383877490	0.2545383	0.8162188	-1.175200647
## [1174,]	1.0400488114	-0.6603060	-1.2243282	-1.175200647
## [1175,]	1.0433709362	1.1693826	0.8162188	0.546441531
## [1176,]	1.0450319986	1.1693826	0.8162188	0.005353989
## [1177,]	1.0466930611	-1.5751502	-1.2243282	0.300492648
## [1178,]	1.0483541235	1.1693826	-1.2243282	-0.781682435
## [1179,]	1.0500151859	0.2545383	-1.2243282	-1.716288189
## [1180,]	1.0516762483	1.1693826	-1.2243282	0.005353989
## [1181,]	1.0533373108	-1.5751502	0.8162188	0.546441531
## [1182,]	1.0566594356	0.2545383	-1.2243282	-1.224390424
## [1183,]	1.0583204980	1.1693826	-1.2243282	-1.617908636
## [1184,]	1.0616426229	1.1693826	0.8162188	0.644821084
## [1185,]	1.0633036853	-0.6603060	-1.2243282	1.235098402
## [1186,]	1.0649647477	0.2545383	0.8162188	-0.043835787
## [1187,]	1.0666258101	1.1693826	0.8162188	-1.470339306
## [1188,]	1.0682868726	1.1693826	0.8162188	1.185908626
## [1189,]	1.0699479350	-1.5751502	0.8162188	-1.126010871
## [1190,]	1.0716089974	1.1693826	0.8162188	1.333477955

## [1191,]	1.0732700598	1.1693826	0.8162188	-1.027631318
## [1192,]	1.0765921847	-1.5751502	-1.2243282	0.054543766
## [1193,]	1.0782532471	1.1693826	-1.2243282	0.398872201
## [1194,]	1.0799143095	1.1693826	-1.2243282	-1.175200647
## [1195,]	1.0815753719	-0.6603060	-1.2243282	-0.929251764
## [1196,]	1.0832364344	0.2545383	0.8162188	-1.470339306
## [1197,]	1.0848974968	1.1693826	0.8162188	0.694010860
## [1198,]	1.0882196216	1.1693826	0.8162188	-0.584923329
## [1199,]	1.0898806840	0.2545383	-1.2243282	-1.470339306
## [1200,]	1.0915417465	-1.5751502	0.8162188	0.694010860
## [1201,]	1.0932028089	0.2545383	-1.2243282	-1.076821094
## [1202,]	1.0948638713	1.1693826	0.8162188	1.333477955
## [1203,]	1.0998470586	1.1693826	-1.2243282	1.038339296
## [1204,]	1.1031691834	-0.6603060	0.8162188	-0.880061988
## [1205,]	1.1064913083	1.1693826	-1.2243282	1.431857508
## [1206,]	1.1081523707	1.1693826	0.8162188	1.431857508
## [1207,]	1.1098134331	1.1693826	0.8162188	0.497251754
## [1208,]	1.1114744955	-1.5751502	0.8162188	1.382667732
## [1209,]	1.1147966204	-0.6603060	0.8162188	-0.437353999
## [1210,]	1.1164576828	0.2545383	0.8162188	1.284288179
## [1211,]	1.1181187452	-0.6603060	0.8162188	0.644821084
## [1212,]	1.1214408701	0.2545383	0.8162188	-1.716288189
## [1213,]	1.1231019325	-0.6603060	-1.2243282	-1.519529083
## [1214,]	1.1247629949	0.2545383	0.8162188	1.628616614
## [1215,]	1.1264240573	0.2545383	-1.2243282	1.481047285
## [1216,]	1.1280851198	-1.5751502	0.8162188	0.644821084
## [1217,]	1.1314072446	1.1693826	0.8162188	0.349682425
## [1218,]	1.1330683070	0.2545383	0.8162188	-0.191405117
## [1219,]	1.1347293695	1.1693826	0.8162188	-1.519529083
## [1220,]	1.1363904319	1.1693826	-1.2243282	-1.126010871
## [1221,]	1.1380514943	0.2545383	-1.2243282	-0.732492658
## [1222,]	1.1413736191	0.2545383	0.8162188	0.398872201
## [1223,]	1.1446957440	1.1693826	0.8162188	-0.388164223
## [1224,]	1.1480178688	0.2545383	0.8162188	0.792390413
## [1225,]	1.1513399937	1.1693826	0.8162188	-0.191405117
## [1226,]	1.1530010561	1.1693826	-1.2243282	-0.880061988
## [1227,]	1.1546621185	-1.5751502	0.8162188	-0.486543776
## [1228,]	1.1563231809	-0.6603060	0.8162188	0.152923319
## [1229,]	1.1579842434	0.2545383	0.8162188	-0.289784670
## [1230,]	1.1613063682	-0.6603060	-1.2243282	1.284288179
## [1231,]	1.1629674306	-0.6603060	0.8162188	1.235098402
## [1232,]	1.1662895555	0.2545383	0.8162188	-1.568718859
## [1233,]	1.1679506179	1.1693826	0.8162188	-0.830872211
## [1234,]	1.1696116803	-0.6603060	0.8162188	-1.617908636
## [1235,]	1.1729338052	0.2545383	0.8162188	1.038339296
## [1236,]	1.1745948676	0.2545383	0.8162188	0.398872201
## [1237,]	1.1762559300	-0.6603060	0.8162188	1.481047285
## [1238,]	1.1779169924	-1.5751502	0.8162188	-1.568718859
## [1239,]	1.1795780549	0.2545383	-1.2243282	-0.732492658
## [1240,]	1.1812391173	1.1693826	-1.2243282	-1.765477965
## [1241,]	1.1829001797	1.1693826	0.8162188	0.546441531
## [1242,]	1.1862223045	1.1693826	0.8162188	0.694010860
## [1243,]	1.1878833670	-0.6603060	0.8162188	1.087529073
## [1244,]	1.1945276167	0.2545383	-1.2243282	-0.486543776

## [1245,]	1.1961886791	1.1693826	-1.2243282	0.595631307
## [1246,]	1.1978497415	-1.5751502	0.8162188	-0.338974446
## [1247,]	1.1995108039	0.2545383	-1.2243282	0.005353989
## [1248,]	1.2028329288	-1.5751502	0.8162188	-0.732492658
## [1249,]	1.2061550536	0.2545383	-1.2243282	0.054543766
## [1250,]	1.2078161160	-0.6603060	-1.2243282	-0.683302882
## [1251,]	1.2094771785	1.1693826	0.8162188	0.202113095
## [1252,]	1.2111382409	0.2545383	0.8162188	1.382667732
## [1253,]	1.2127993033	1.1693826	0.8162188	1.530237061
## [1254,]	1.2144603657	1.1693826	-1.2243282	-0.191405117
## [1255,]	1.2161214282	1.1693826	-1.2243282	0.694010860
## [1256,]	1.2177824906	-1.5751502	-1.2243282	0.398872201
## [1257,]	1.2211046154	0.2545383	-1.2243282	0.448061978
## [1258,]	1.2227656778	-1.5751502	0.8162188	0.202113095
## [1259,]	1.2244267403	1.1693826	-1.2243282	1.235098402
## [1260,]	1.2260878027	0.2545383	0.8162188	-0.388164223
## [1261,]	1.2277488651	-0.6603060	0.8162188	-0.043835787
## [1262,]	1.2310709900	-0.6603060	0.8162188	-0.289784670
## [1263,]	1.2327320524	0.2545383	0.8162188	-1.371959753
## [1264,]	1.2343931148	-0.6603060	0.8162188	-0.437353999
## [1265,]	1.2377152396	0.2545383	0.8162188	-0.289784670
## [1266,]	1.2393763021	1.1693826	0.8162188	1.185908626
## [1267,]	1.2410373645	0.2545383	0.8162188	1.382667732
## [1268,]	1.2443594893	1.1693826	0.8162188	1.038339296
## [1269,]	1.2460205518	-1.5751502	-1.2243282	-0.289784670
## [1270,]	1.2510037390	-0.6603060	0.8162188	1.530237061
## [1271,]	1.2526648014	1.1693826	-1.2243282	-1.667098412
## [1272,]	1.2543258639	-0.6603060	0.8162188	-1.716288189
## [1273,]	1.2576479887	1.1693826	-1.2243282	-1.273580200
## [1274,]	1.2593090511	0.2545383	-1.2243282	0.644821084
## [1275,]	1.2609701136	-1.5751502	-1.2243282	1.235098402
## [1276,]	1.2642922384	-1.5751502	-1.2243282	-0.634113105
## [1277,]	1.2659533008	-0.6603060	0.8162188	-0.978441541
## [1278,]	1.2692754257	0.2545383	0.8162188	-0.978441541
## [1279,]	1.2709364881	1.1693826	0.8162188	1.185908626
## [1280,]	1.2742586129	0.2545383	0.8162188	1.628616614
## [1281,]	1.2775807378	0.2545383	0.8162188	1.136718849
## [1282,]	1.2825639250	0.2545383	0.8162188	0.890769967
## [1283,]	1.2842249875	1.1693826	0.8162188	1.185908626
## [1284,]	1.2858860499	0.2545383	0.8162188	0.792390413
## [1285,]	1.2875471123	0.2545383	0.8162188	-0.043835787
## [1286,]	1.2892081747	-0.6603060	0.8162188	1.579426838
## [1287,]	1.2908692372	0.2545383	-1.2243282	1.628616614
## [1288,]	1.2925302996	-0.6603060	0.8162188	1.431857508
## [1289,]	1.2941913620	-0.6603060	0.8162188	1.185908626
## [1290,]	1.2958524244	-1.5751502	0.8162188	1.677806391
## [1291,]	1.2991745493	1.1693826	0.8162188	1.333477955
## [1292,]	1.3024966741	1.1693826	0.8162188	-0.388164223
## [1293,]	1.3074798614	0.2545383	0.8162188	0.841580190
## [1294,]	1.3091409238	-1.5751502	0.8162188	-0.683302882
## [1295,]	1.3108019862	-0.6603060	0.8162188	0.939959743
## [1296,]	1.3124630487	0.2545383	-1.2243282	0.743200637
## [1297,]	1.3141241111	-1.5751502	-1.2243282	-0.093025564
## [1298,]	1.3174462359	1.1693826	-1.2243282	0.152923319

## [1299,]	1.3224294232	1.1693826	-1.2243282	0.005353989
## [1300,]	1.3240904856	0.2545383	-1.2243282	-0.683302882
## [1301,]	1.3257515480	-0.6603060	0.8162188	1.284288179
## [1302,]	1.3274126105	-0.6603060	0.8162188	-0.683302882
## [1303,]	1.3307347353	-0.6603060	0.8162188	1.235098402
## [1304,]	1.3323957977	0.2545383	-1.2243282	1.284288179
## [1305,]	1.3357179226	-0.6603060	-1.2243282	-0.929251764
## [1306,]	1.3373789850	1.1693826	-1.2243282	0.103733542
## [1307,]	1.3423621723	-1.5751502	-1.2243282	0.103733542
## [1308,]	1.3440232347	0.2545383	-1.2243282	0.054543766
## [1309,]	1.3456842971	-0.6603060	-1.2243282	0.546441531
## [1310,]	1.3473453595	0.2545383	0.8162188	-0.978441541
## [1311,]	1.3490064219	-1.5751502	0.8162188	1.038339296
## [1312,]	1.3523285468	-0.6603060	-1.2243282	-1.617908636
## [1313,]	1.3573117341	1.1693826	0.8162188	1.136718849
## [1314,]	1.3606338589	-1.5751502	0.8162188	-0.486543776
## [1315,]	1.3622949213	0.2545383	-1.2243282	0.054543766
## [1316,]	1.3656170462	1.1693826	-1.2243282	0.349682425
## [1317,]	1.3689391710	-1.5751502	0.8162188	1.284288179
## [1318,]	1.3706002334	1.1693826	-1.2243282	-0.634113105
## [1319,]	1.3739223583	1.1693826	0.8162188	-1.273580200
## [1320,]	1.3755834207	1.1693826	0.8162188	0.644821084
## [1321,]	1.3772444831	0.2545383	0.8162188	-1.371959753
## [1322,]	1.3805666080	-0.6603060	-1.2243282	-0.093025564
## [1323,]	1.3822276704	1.1693826	0.8162188	0.792390413
## [1324,]	1.3838887328	0.2545383	0.8162188	-1.126010871
## [1325,]	1.3855497952	1.1693826	0.8162188	1.333477955
## [1326,]	1.3872108577	1.1693826	0.8162188	0.743200637
## [1327,]	1.3905329825	0.2545383	0.8162188	0.792390413
## [1328,]	1.3921940449	-1.5751502	-1.2243282	-1.027631318
## [1329,]	1.3938551074	-0.6603060	-1.2243282	-1.470339306
## [1330,]	1.3955161698	1.1693826	0.8162188	1.038339296
## [1331,]	1.3971772322	-1.5751502	-1.2243282	0.743200637
## [1332,]	1.3988382946	1.1693826	0.8162188	1.235098402
## [1333,]	1.4004993570	1.1693826	0.8162188	0.349682425
## [1334,]	1.4021604195	0.2545383	-1.2243282	-0.093025564
## [1335,]	1.4038214819	1.1693826	-1.2243282	0.546441531
## [1336,]	1.4054825443	1.1693826	0.8162188	-1.224390424
## [1337,]	1.4088046692	-0.6603060	0.8162188	1.579426838
## [1338,]	1.4121267940	-0.6603060	-1.2243282	0.595631307
## [1339,]	1.4137878564	-0.6603060	0.8162188	1.136718849
## [1340,]	1.4171099813	1.1693826	0.8162188	0.448061978
## [1341,]	1.4204321061	-0.6603060	-1.2243282	-0.142215340
## [1342,]	1.4220931685	-0.6603060	0.8162188	1.136718849
## [1343,]	1.4237542310	0.2545383	0.8162188	-0.093025564
## [1344,]	1.4254152934	1.1693826	0.8162188	-0.338974446
## [1345,]	1.4287374182	1.1693826	0.8162188	0.595631307
## [1346,]	1.4303984806	1.1693826	-1.2243282	-1.076821094
## [1347,]	1.4337206055	-0.6603060	-1.2243282	1.333477955
## [1348,]	1.4370427303	-0.6603060	0.8162188	1.382667732
## [1349,]	1.4403648552	-1.5751502	0.8162188	1.579426838
## [1350,]	1.4420259176	-0.6603060	-1.2243282	1.185908626
## [1351,]	1.4503312297	-1.5751502	-1.2243282	1.136718849
## [1352,]	1.4536533546	1.1693826	-1.2243282	-0.388164223

## [1353,]	1.4586365418	-0.6603060	0.8162188	0.595631307
## [1354,]	1.4619586667	1.1693826	0.8162188	0.939959743
## [1355,]	1.4652807915	-1.5751502	0.8162188	1.530237061
## [1356,]	1.4669418539	0.2545383	0.8162188	-1.617908636
## [1357,]	1.4686029164	0.2545383	-1.2243282	-0.584923329
## [1358,]	1.4719250412	0.2545383	0.8162188	0.841580190
## [1359,]	1.4735861036	0.2545383	-1.2243282	0.989149520
## [1360,]	1.4785692909	1.1693826	-1.2243282	0.448061978
## [1361,]	1.4802303533	-1.5751502	-1.2243282	-0.191405117
## [1362,]	1.4835524782	0.2545383	0.8162188	-0.240594893
## [1363,]	1.4901967279	-0.6603060	0.8162188	-1.076821094
## [1364,]	1.4935188527	-0.6603060	0.8162188	-1.126010871
## [1365,]	1.4985020400	0.2545383	0.8162188	-1.175200647
## [1366,]	1.5001631024	0.2545383	0.8162188	-1.027631318
## [1367,]	1.5018241648	-1.5751502	-1.2243282	-1.667098412
## [1368,]	1.5051462897	-0.6603060	0.8162188	-1.224390424
## [1369,]	1.5068073521	0.2545383	0.8162188	0.989149520
## [1370,]	1.5084684145	1.1693826	-1.2243282	0.890769967
## [1371,]	1.5101294769	0.2545383	0.8162188	-0.093025564
## [1372,]	1.5117905393	1.1693826	-1.2243282	1.136718849
## [1373,]	1.5134516018	-1.5751502	0.8162188	1.038339296
## [1374,]	1.5151126642	1.1693826	-1.2243282	-0.388164223
## [1375,]	1.5167737266	1.1693826	-1.2243282	0.300492648
## [1376,]	1.5184347890	-1.5751502	-1.2243282	-0.929251764
## [1377,]	1.5200958515	-0.6603060	0.8162188	0.251302872
## [1378,]	1.5217569139	-0.6603060	0.8162188	-1.175200647
## [1379,]	1.5250790387	-0.6603060	0.8162188	0.546441531
## [1380,]	1.5267401011	-1.5751502	-1.2243282	-0.388164223
## [1381,]	1.5284011636	-0.6603060	0.8162188	0.251302872
## [1382,]	1.5317232884	0.2545383	0.8162188	-0.830872211
## [1383,]	1.5333843508	0.2545383	0.8162188	-0.880061988
## [1384,]	1.5350454133	-1.5751502	0.8162188	0.005353989
## [1385,]	1.5367064757	-1.5751502	0.8162188	-1.667098412
## [1386,]	1.5383675381	1.1693826	0.8162188	-1.322769977
## [1387,]	1.5400286005	0.2545383	0.8162188	1.431857508
## [1388,]	1.5433507254	-1.5751502	0.8162188	1.136718849
## [1389,]	1.5450117878	0.2545383	-1.2243282	-1.568718859
## [1390,]	1.5466728502	1.1693826	0.8162188	-0.880061988
## [1391,]	1.5533170999	0.2545383	0.8162188	-1.667098412
## [1392,]	1.5549781623	-1.5751502	0.8162188	-0.338974446
## [1393,]	1.5566392247	0.2545383	-1.2243282	-0.535733552
## [1394,]	1.5616224120	1.1693826	0.8162188	-1.076821094
## [1395,]	1.5632834744	1.1693826	0.8162188	-0.486543776
## [1396,]	1.5649445369	-1.5751502	0.8162188	-0.142215340
## [1397,]	1.5666055993	-1.5751502	0.8162188	0.005353989
## [1398,]	1.5682666617	-1.5751502	-1.2243282	0.054543766
## [1399,]	1.5699277241	1.1693826	0.8162188	-1.470339306
## [1400,]	1.5715887866	-1.5751502	0.8162188	-1.765477965
## [1401,]	1.5732498490	1.1693826	0.8162188	1.087529073
## [1402,]	1.5749109114	0.2545383	0.8162188	0.251302872
## [1403,]	1.5765719738	1.1693826	-1.2243282	-0.338974446
## [1404,]	1.5782330362	-0.6603060	0.8162188	0.546441531
## [1405,]	1.5798940987	1.1693826	0.8162188	-1.421149530
## [1406,]	1.5848772859	0.2545383	-1.2243282	-1.273580200

## [1407,]	1.5865383484	0.2545383	-1.2243282	0.546441531
## [1408,]	1.5881994108	-0.6603060	0.8162188	-1.027631318
## [1409,]	1.5898604732	1.1693826	0.8162188	0.595631307
## [1410,]	1.5948436605	1.1693826	-1.2243282	0.349682425
## [1411,]	1.5965047229	-0.6603060	-1.2243282	1.284288179
## [1412,]	1.5981657853	0.2545383	-1.2243282	0.792390413
## [1413,]	1.6014879102	1.1693826	0.8162188	0.497251754
## [1414,]	1.6064710974	1.1693826	0.8162188	-0.437353999
## [1415,]	1.6081321598	-1.5751502	0.8162188	0.890769967
## [1416,]	1.6097932223	-0.6603060	0.8162188	-0.338974446
## [1417,]	1.6114542847	1.1693826	0.8162188	0.989149520
## [1418,]	1.6131153471	-1.5751502	0.8162188	-0.584923329
## [1419,]	1.6147764095	-1.5751502	0.8162188	0.300492648
## [1420,]	1.6164374720	1.1693826	0.8162188	-1.519529083
## [1421,]	1.6180985344	1.1693826	0.8162188	0.497251754
## [1422,]	1.6197595968	0.2545383	-1.2243282	1.579426838
## [1423,]	1.6247427841	1.1693826	0.8162188	-1.126010871
## [1424,]	1.6313870338	1.1693826	0.8162188	-0.142215340
## [1425,]	1.6330480962	-0.6603060	0.8162188	-0.880061988
## [1426,]	1.6347091586	-0.6603060	-1.2243282	1.431857508
## [1427,]	1.6363702210	0.2545383	-1.2243282	-0.830872211
## [1428,]	1.6396923459	-1.5751502	0.8162188	0.841580190
## [1429,]	1.6413534083	-0.6603060	0.8162188	0.103733542
## [1430,]	1.6430144707	-1.5751502	0.8162188	-0.683302882
## [1431,]	1.6446755331	-0.6603060	-1.2243282	1.628616614
## [1432,]	1.6463365956	0.2545383	-1.2243282	-0.880061988
## [1433,]	1.6479976580	0.2545383	-1.2243282	-1.175200647
## [1434,]	1.6496587204	-1.5751502	-1.2243282	0.939959743
## [1435,]	1.6513197828	-1.5751502	0.8162188	-1.273580200
## [1436,]	1.6529808453	-0.6603060	0.8162188	-1.175200647
## [1437,]	1.6546419077	0.2545383	0.8162188	-0.388164223
## [1438,]	1.6563029701	1.1693826	0.8162188	1.038339296
## [1439,]	1.6579640325	1.1693826	0.8162188	-1.617908636
## [1440,]	1.6596250949	-1.5751502	-1.2243282	1.382667732
## [1441,]	1.6612861574	1.1693826	-1.2243282	1.530237061
## [1442,]	1.6629472198	0.2545383	0.8162188	-0.437353999
## [1443,]	1.6646082822	-1.5751502	0.8162188	-1.470339306
## [1444,]	1.6712525319	-1.5751502	0.8162188	-0.486543776
## [1445,]	1.6729135943	1.1693826	0.8162188	0.300492648
## [1446,]	1.6762357192	-1.5751502	-1.2243282	-0.289784670
## [1447,]	1.6778967816	1.1693826	-1.2243282	1.431857508
## [1448,]	1.6795578440	1.1693826	0.8162188	1.087529073
## [1449,]	1.6812189064	0.2545383	0.8162188	-0.437353999
## [1450,]	1.6828799689	1.1693826	0.8162188	0.595631307
## [1451,]	1.6862020937	0.2545383	-1.2243282	-1.716288189
## [1452,]	1.6878631561	-1.5751502	-1.2243282	1.677806391
## [1453,]	1.6928463434	-0.6603060	0.8162188	1.382667732
## [1454,]	1.6945074058	-0.6603060	-1.2243282	1.677806391
## [1455,]	1.6961684682	1.1693826	-1.2243282	-0.781682435
## [1456,]	1.6994905931	0.2545383	0.8162188	-0.683302882
## [1457,]	1.7011516555	0.2545383	0.8162188	0.694010860
## [1458,]	1.7044737803	0.2545383	-1.2243282	1.579426838
## [1459,]	1.7061348428	0.2545383	-1.2243282	-0.191405117
## [1460,]	1.7077959052	1.1693826	0.8162188	-0.978441541

##	[1461,]	1.7094569676		1.1693826	-1.2243282	0.349682425
##	[1462,]	1.7111180300		1.1693826	0.8162188	-1.322769977
##	[1463,]	1.7127790925		-0.6603060	-1.2243282	-0.289784670
##	[1464,]	1.7144401549		-0.6603060	0.8162188	0.398872201
##	[1465,]	1.7194233421		1.1693826	-1.2243282	-1.765477965
##	[1466,]	1.7210844046		0.2545383	0.8162188	-1.224390424
##	[1467,]	1.7227454670		1.1693826	0.8162188	-1.175200647
##	[1468,]	1.7260675918		-0.6603060	0.8162188	1.038339296
##	[1469,]	1.7277286543		1.1693826	0.8162188	-0.142215340
##	[1470,]	1.7327118415		-0.6603060	0.8162188	0.792390413
##		JobInvolvement	JobLevel	JobRole	JobSatisfaction	MaritalStatus
##	[1,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[2,]	-1.025818	-0.05776789	0.6261610	-0.6606284	-0.1332367
##	[3,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[4,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[5,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[6,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
##	[7,]	1.784904	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[8,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
##	[9,]	-1.025818	0.84562353	-0.1862456	0.2461164	1.2363997
##	[10,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
##	[11,]	1.784904	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[12,]	-1.025818	-0.05776789	-0.9986523	0.2461164	1.2363997
##	[13,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[14,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[15,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[16,]	1.784904	0.84562353	-0.1862456	-1.5673732	-1.5028732
##	[17,]	1.784904	-0.96115930	0.6261610	-0.6606284	-1.5028732
##	[18,]	1.784904	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[19,]	-1.025818	1.74901494	-0.5924489	1.1528613	-0.1332367
##	[20,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[21,]	1.784904	-0.05776789	-0.1862456	0.2461164	-1.5028732
##	[22,]	-1.025818	-0.96115930	1.4385677	-1.5673732	1.2363997
##	[23,]	0.379543	0.84562353	0.2199577	-0.6606284	1.2363997
##	[24,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[25,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[26,]	0.379543	2.65240635	-0.5924489	0.2461164	-1.5028732
##	[27,]	-2.431178	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[28,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[29,]	-1.025818	0.84562353	-1.8110589	1.1528613	-0.1332367
##	[30,]	0.379543	2.65240635	-0.5924489	-1.5673732	1.2363997
##	[31,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
##	[32,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
##	[33,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[34,]	0.379543	-0.05776789	1.4385677	1.1528613	-0.1332367
##	[35,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[36,]	1.784904	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[37,]	-1.025818	-0.96115930	1.4385677	0.2461164	-0.1332367
##	[38,]	0.379543	-0.96115930	1.4385677	1.1528613	-0.1332367
##	[39,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-0.1332367
##	[40,]	1.784904	-0.05776789	1.0323644	-1.5673732	-0.1332367
##	[41,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[42,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
##	[43,]	-2.431178	-0.96115930	-0.9986523	0.2461164	1.2363997

##	[44,]	0.379543	0.84562353	1.0323644	0.2461164	1.2363997
##	[45,]	0.379543	-0.05776789	-0.9986523	1.1528613	1.2363997
##	[46,]	0.379543	2.65240635	0.2199577	0.2461164	-0.1332367
##	[47,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
##	[48,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[49,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[50,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[51,]	-1.025818	0.84562353	-0.9986523	0.2461164	1.2363997
##	[52,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[53,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
##	[54,]	-1.025818	0.84562353	-1.8110589	-1.5673732	-0.1332367
##	[55,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[56,]	0.379543	0.84562353	0.2199577	1.1528613	1.2363997
##	[57,]	0.379543	0.84562353	1.0323644	-1.5673732	-0.1332367
##	[58,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[59,]	0.379543	-0.05776789	-0.9986523	1.1528613	-1.5028732
##	[60,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-1.5028732
##	[61,]	0.379543	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[62,]	0.379543	-0.05776789	-0.9986523	1.1528613	1.2363997
##	[63,]	-1.025818	2.65240635	0.2199577	0.2461164	-1.5028732
##	[64,]	0.379543	0.84562353	1.0323644	-1.5673732	1.2363997
##	[65,]	0.379543	0.84562353	-1.8110589	0.2461164	-1.5028732
##	[66,]	0.379543	1.74901494	-0.5924489	0.2461164	-1.5028732
##	[67,]	-1.025818	-0.05776789	-0.1862456	-0.6606284	1.2363997
##	[68,]	0.379543	0.84562353	0.6261610	-1.5673732	-1.5028732
##	[69,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
##	[70,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[71,]	-1.025818	-0.05776789	1.0323644	0.2461164	1.2363997
##	[72,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[73,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[74,]	0.379543	-0.05776789	0.6261610	-0.6606284	-0.1332367
##	[75,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[76,]	0.379543	-0.05776789	-0.1862456	1.1528613	1.2363997
##	[77,]	-1.025818	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[78,]	0.379543	0.84562353	0.2199577	-1.5673732	-0.1332367
##	[79,]	0.379543	0.84562353	0.2199577	0.2461164	1.2363997
##	[80,]	0.379543	-0.05776789	-1.4048556	-0.6606284	-1.5028732
##	[81,]	-1.025818	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[82,]	-1.025818	-0.96115930	0.6261610	0.2461164	1.2363997
##	[83,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
##	[84,]	-2.431178	-0.05776789	0.6261610	1.1528613	-1.5028732
##	[85,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-0.1332367
##	[86,]	-2.431178	0.84562353	-0.1862456	1.1528613	1.2363997
##	[87,]	0.379543	-0.96115930	1.4385677	-1.5673732	-1.5028732
##	[88,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[89,]	-1.025818	-0.05776789	-1.8110589	1.1528613	-0.1332367
##	[90,]	-1.025818	0.84562353	1.0323644	1.1528613	1.2363997
##	[91,]	-1.025818	1.74901494	-1.8110589	-0.6606284	-0.1332367
##	[92,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[93,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
##	[94,]	-1.025818	0.84562353	-1.8110589	-1.5673732	-0.1332367
##	[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
##	[99,]	0.379543	1.74901494	1.0323644	0.2461164	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
##	[104,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
##	[105,]	-1.025818	-0.05776789	-1.8110589	1.1528613	-1.5028732
##	[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
##	[111,]	-1.025818	0.84562353	-1.8110589	-1.5673732	1.2363997
##	[112,]	-2.431178	-0.05776789	-0.9986523	0.2461164	1.2363997
##	[113,]	1.784904	1.74901494	-0.5924489	1.1528613	1.2363997
##	[114,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
##	[115,]	-1.025818	-0.05776789	0.6261610	-0.6606284	-1.5028732
##	[116,]	0.379543	0.84562353	1.0323644	1.1528613	1.2363997
##	[117,]	-1.025818	0.84562353	-0.5924489	-1.5673732	1.2363997
##	[118,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
##	[119,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[120,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
##	[121,]	-2.431178	-0.96115930	0.6261610	0.2461164	-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	0.6261610	-0.6606284	-0.1332367
##	[127,]	0.379543	0.84562353	-1.8110589	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,]	1.784904	-0.96115930	0.6261610	0.2461164	1.2363997
##	[132,]	0.379543	0.84562353	1.0323644	1.1528613	1.2363997
##	[133,]	-2.431178	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[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
##	[137,]	-2.431178	0.84562353	-0.1862456	1.1528613	1.2363997
##	[138,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[139,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[140,]	0.379543	-0.05776789	-1.4048556	1.1528613	-0.1332367
##	[141,]	0.379543	-0.96115930	-0.9986523	-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
##	[148,]	-1.025818	1.74901494	-0.5924489	-1.5673732	-1.5028732
##	[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	1.0323644	1.1528613	1.2363997
## [156,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [157,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [158,]	-1.025818	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [159,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
## [160,]	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
## [163,]	0.379543	-0.96115930	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
## [168,]	0.379543	0.84562353	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
## [175,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [176,]	0.379543	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [177,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [178,]	-1.025818	-0.96115930	-0.9986523	1.1528613	1.2363997
## [179,]	0.379543	0.84562353	1.0323644	-1.5673732	-1.5028732
## [180,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [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
## [185,]	1.784904	-0.05776789	-0.1862456	-1.5673732	-1.5028732
## [186,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [187,]	0.379543	2.65240635	-0.5924489	0.2461164	-0.1332367
## [188,]	1.784904	2.65240635	0.2199577	-0.6606284	1.2363997
## [189,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [190,]	0.379543	1.74901494	-1.8110589	-0.6606284	1.2363997
## [191,]	-1.025818	2.65240635	-0.5924489	0.2461164	-0.1332367
## [192,]	0.379543	-0.96115930	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
## [202,]	0.379543	-0.05776789	-0.1862456	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	0.6261610	-0.6606284	-1.5028732
##	[208,]	0.379543	-0.96115930	-0.9986523	1.1528613	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
##	[213,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
##	[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,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
##	[221,]	0.379543	-0.05776789	-0.9986523	-0.6606284	1.2363997
##	[222,]	-1.025818	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[223,]	0.379543	0.84562353	0.2199577	1.1528613	-1.5028732
##	[224,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
##	[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,]	0.379543	0.84562353	1.0323644	0.2461164	1.2363997
##	[230,]	-1.025818	-0.96115930	0.6261610	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
##	[241,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
##	[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,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[248,]	-1.025818	-0.05776789	-0.1862456	-1.5673732	-0.1332367
##	[249,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-0.1332367
##	[250,]	1.784904	-0.05776789	-0.1862456	0.2461164	-0.1332367
##	[251,]	0.379543	0.84562353	-0.1862456	0.2461164	-1.5028732
##	[252,]	0.379543	0.84562353	-1.8110589	0.2461164	1.2363997
##	[253,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[254,]	1.784904	-0.05776789	0.6261610	-1.5673732	1.2363997
##	[255,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[256,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
##	[257,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-1.5028732
##	[258,]	0.379543	2.65240635	0.2199577	0.2461164	-1.5028732
##	[259,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367

## [260,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [261,]	1.784904	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [262,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [263,]	-1.025818	-0.05776789	-0.9986523	-1.5673732	1.2363997
## [264,]	-2.431178	1.74901494	-0.5924489	-0.6606284	-0.1332367
## [265,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [266,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [267,]	-1.025818	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [268,]	1.784904	-0.05776789	-1.8110589	-1.5673732	-1.5028732
## [269,]	0.379543	1.74901494	-1.8110589	1.1528613	-0.1332367
## [270,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [271,]	0.379543	2.65240635	-0.5924489	-1.5673732	1.2363997
## [272,]	0.379543	0.84562353	-0.5924489	-0.6606284	-0.1332367
## [273,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [274,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [275,]	-1.025818	-0.96115930	0.6261610	0.2461164	1.2363997
## [276,]	0.379543	0.84562353	0.2199577	1.1528613	-1.5028732
## [277,]	1.784904	0.84562353	-0.5924489	-0.6606284	-1.5028732
## [278,]	1.784904	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [279,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-1.5028732
## [280,]	0.379543	2.65240635	0.2199577	-0.6606284	-1.5028732
## [281,]	0.379543	1.74901494	0.2199577	0.2461164	-0.1332367
## [282,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [283,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [284,]	0.379543	-0.05776789	-0.9986523	1.1528613	-0.1332367
## [285,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-0.1332367
## [286,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [287,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [288,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [289,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [290,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [291,]	0.379543	2.65240635	0.2199577	-1.5673732	1.2363997
## [292,]	0.379543	-0.05776789	0.6261610	-0.6606284	1.2363997
## [293,]	0.379543	-0.96115930	1.4385677	-0.6606284	-1.5028732
## [294,]	-1.025818	-0.05776789	1.0323644	1.1528613	1.2363997
## [295,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [296,]	0.379543	1.74901494	1.0323644	-0.6606284	-0.1332367
## [297,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [298,]	0.379543	0.84562353	1.0323644	-0.6606284	-0.1332367
## [299,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [300,]	-2.431178	-0.05776789	-0.1862456	-0.6606284	-1.5028732
## [301,]	0.379543	1.74901494	-0.5924489	-0.6606284	1.2363997
## [302,]	-1.025818	-0.96115930	1.4385677	0.2461164	1.2363997
## [303,]	1.784904	-0.05776789	-1.8110589	-1.5673732	1.2363997
## [304,]	1.784904	-0.05776789	1.0323644	1.1528613	-0.1332367
## [305,]	1.784904	0.84562353	-1.8110589	1.1528613	-1.5028732
## [306,]	0.379543	-0.05776789	-0.9986523	-0.6606284	-0.1332367
## [307,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [308,]	-1.025818	0.84562353	0.2199577	-0.6606284	-0.1332367
## [309,]	-2.431178	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [310,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [311,]	-1.025818	-0.05776789	-1.4048556	-1.5673732	-0.1332367
## [312,]	0.379543	0.84562353	-0.9986523	-1.5673732	-1.5028732
## [313,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732

## [314,]	0.379543	0.84562353	-0.5924489	-0.6606284	-0.1332367
## [315,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
## [316,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [317,]	-1.025818	1.74901494	-1.8110589	0.2461164	1.2363997
## [318,]	-1.025818	-0.05776789	0.6261610	-0.6606284	-0.1332367
## [319,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
## [320,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [321,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [322,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [323,]	1.784904	-0.05776789	0.6261610	1.1528613	1.2363997
## [324,]	-2.431178	-0.96115930	0.6261610	1.1528613	-0.1332367
## [325,]	0.379543	-0.05776789	0.6261610	1.1528613	-0.1332367
## [326,]	-1.025818	0.84562353	-0.1862456	0.2461164	-0.1332367
## [327,]	-1.025818	2.65240635	-0.5924489	1.1528613	-0.1332367
## [328,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [329,]	-1.025818	-0.05776789	1.0323644	1.1528613	1.2363997
## [330,]	0.379543	2.65240635	0.2199577	0.2461164	-0.1332367
## [331,]	-1.025818	-0.05776789	-0.9986523	0.2461164	-1.5028732
## [332,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [333,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
## [334,]	0.379543	0.84562353	-1.8110589	-1.5673732	-0.1332367
## [335,]	0.379543	-0.05776789	0.6261610	1.1528613	-0.1332367
## [336,]	-2.431178	-0.05776789	1.0323644	1.1528613	-0.1332367
## [337,]	-2.431178	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [338,]	-1.025818	-0.96115930	-0.9986523	1.1528613	1.2363997
## [339,]	-1.025818	-0.05776789	1.0323644	0.2461164	-1.5028732
## [340,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [341,]	0.379543	-0.05776789	-0.1862456	1.1528613	-1.5028732
## [342,]	-1.025818	0.84562353	0.2199577	1.1528613	-1.5028732
## [343,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
## [344,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
## [345,]	0.379543	0.84562353	-0.1862456	-0.6606284	1.2363997
## [346,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
## [347,]	-1.025818	-0.05776789	-0.1862456	-0.6606284	1.2363997
## [348,]	0.379543	-0.05776789	1.4385677	0.2461164	1.2363997
## [349,]	0.379543	1.74901494	0.2199577	1.1528613	1.2363997
## [350,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [351,]	0.379543	-0.96115930	-1.4048556	0.2461164	-1.5028732
## [352,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [353,]	0.379543	0.84562353	-0.5924489	0.2461164	-0.1332367
## [354,]	1.784904	-0.05776789	0.6261610	-1.5673732	-1.5028732
## [355,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [356,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [357,]	-1.025818	-0.05776789	-1.8110589	1.1528613	1.2363997
## [358,]	-1.025818	-0.96115930	1.4385677	-0.6606284	1.2363997
## [359,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [360,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
## [361,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [362,]	1.784904	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [363,]	0.379543	-0.96115930	1.4385677	1.1528613	1.2363997
## [364,]	0.379543	-0.96115930	1.4385677	0.2461164	1.2363997
## [365,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [366,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [367,]	0.379543	-0.05776789	1.0323644	-0.6606284	1.2363997

##	[368,]	-1.025818	0.84562353	-1.8110589	1.1528613	1.2363997
##	[369,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[370,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[371,]	1.784904	-0.96115930	1.4385677	-0.6606284	1.2363997
##	[372,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[373,]	-1.025818	-0.05776789	-1.8110589	-0.6606284	1.2363997
##	[374,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-1.5028732
##	[375,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[376,]	-1.025818	0.84562353	-1.8110589	0.2461164	1.2363997
##	[377,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[378,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[379,]	1.784904	-0.05776789	1.0323644	1.1528613	1.2363997
##	[380,]	0.379543	1.74901494	-0.5924489	1.1528613	1.2363997
##	[381,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
##	[382,]	0.379543	-0.96115930	1.4385677	-0.6606284	-0.1332367
##	[383,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[384,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[385,]	-1.025818	0.84562353	1.0323644	0.2461164	-0.1332367
##	[386,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[387,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
##	[388,]	0.379543	-0.05776789	1.0323644	-0.6606284	-1.5028732
##	[389,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
##	[390,]	0.379543	-0.05776789	-0.1862456	-0.6606284	1.2363997
##	[391,]	-1.025818	1.74901494	0.2199577	-0.6606284	-1.5028732
##	[392,]	-1.025818	-0.05776789	-0.9986523	0.2461164	-0.1332367
##	[393,]	0.379543	2.65240635	0.2199577	-1.5673732	-0.1332367
##	[394,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[395,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
##	[396,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[397,]	0.379543	-0.05776789	-1.8110589	0.2461164	-1.5028732
##	[398,]	-1.025818	-0.05776789	1.0323644	1.1528613	1.2363997
##	[399,]	0.379543	-0.05776789	0.6261610	0.2461164	-0.1332367
##	[400,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[401,]	0.379543	2.65240635	-0.5924489	0.2461164	-1.5028732
##	[402,]	1.784904	1.74901494	1.0323644	-1.5673732	-0.1332367
##	[403,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
##	[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,]	-1.025818	0.84562353	-0.1862456	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
##	[410,]	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
## [423,]	-1.025818	-0.96115930	-1.4048556	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
## [428,]	-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	0.6261610	0.2461164	-1.5028732
## [434,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
## [435,]	0.379543	0.84562353	-0.1862456	-0.6606284	-1.5028732
## [436,]	0.379543	0.84562353	-0.5924489	0.2461164	-0.1332367
## [437,]	-2.431178	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [438,]	0.379543	-0.96115930	1.4385677	-0.6606284	1.2363997
## [439,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
## [440,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
## [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
## [451,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [452,]	0.379543	0.84562353	-0.1862456	-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
## [455,]	0.379543	-0.05776789	-0.1862456	1.1528613	-1.5028732
## [456,]	1.784904	1.74901494	0.2199577	0.2461164	-1.5028732
## [457,]	-1.025818	0.84562353	-0.5924489	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
## [461,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
## [462,]	0.379543	-0.05776789	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
## [472,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [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	1.4385677	0.2461164	-0.1332367
## [480,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [481,]	-1.025818	-0.96115930	1.4385677	-1.5673732	-0.1332367
## [482,]	-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
## [489,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [490,]	-1.025818	1.74901494	0.2199577	1.1528613	-1.5028732
## [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
## [494,]	-1.025818	-0.05776789	-1.4048556	0.2461164	1.2363997
## [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,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [500,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
## [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	0.6261610	1.1528613	-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,]	0.379543	0.84562353	-0.1862456	0.2461164	-0.1332367
## [508,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [509,]	-2.431178	-0.05776789	0.6261610	1.1528613	1.2363997
## [510,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [511,]	0.379543	0.84562353	-1.4048556	-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
## [515,]	0.379543	-0.96115930	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
## [524,]	1.784904	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [525,]	-1.025818	0.84562353	-1.8110589	-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
##	[531,]	0.379543	0.84562353	-0.1862456	-1.5673732	-0.1332367
##	[532,]	0.379543	0.84562353	0.2199577	1.1528613	1.2363997
##	[533,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[534,]	-1.025818	0.84562353	1.0323644	-1.5673732	-0.1332367
##	[535,]	1.784904	1.74901494	0.2199577	0.2461164	-0.1332367
##	[536,]	-1.025818	2.65240635	-0.5924489	1.1528613	-1.5028732
##	[537,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[538,]	0.379543	0.84562353	-0.1862456	-1.5673732	-1.5028732
##	[539,]	-1.025818	2.65240635	-0.5924489	0.2461164	-0.1332367
##	[540,]	0.379543	-0.96115930	1.4385677	-0.6606284	-0.1332367
##	[541,]	-2.431178	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[542,]	1.784904	0.84562353	0.2199577	-1.5673732	-0.1332367
##	[543,]	0.379543	0.84562353	-0.1862456	0.2461164	1.2363997
##	[544,]	-2.431178	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[545,]	0.379543	1.74901494	1.0323644	0.2461164	-1.5028732
##	[546,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[547,]	0.379543	-0.96115930	1.4385677	0.2461164	1.2363997
##	[548,]	1.784904	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[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
##	[553,]	0.379543	1.74901494	-1.8110589	1.1528613	-0.1332367
##	[554,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
##	[555,]	-1.025818	-0.05776789	-1.8110589	-1.5673732	1.2363997
##	[556,]	0.379543	-0.96115930	1.4385677	-0.6606284	-1.5028732
##	[557,]	0.379543	-0.05776789	-0.9986523	1.1528613	1.2363997
##	[558,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-1.5028732
##	[559,]	0.379543	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[560,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[561,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-1.5028732
##	[562,]	-1.025818	1.74901494	-0.5924489	-1.5673732	-0.1332367
##	[563,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[564,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[565,]	-2.431178	-0.05776789	1.4385677	0.2461164	1.2363997
##	[566,]	1.784904	-0.96115930	0.6261610	0.2461164	1.2363997
##	[567,]	1.784904	-0.05776789	1.0323644	0.2461164	1.2363997
##	[568,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[569,]	0.379543	2.65240635	-0.5924489	-1.5673732	-0.1332367
##	[570,]	-1.025818	0.84562353	1.0323644	-1.5673732	1.2363997
##	[571,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[572,]	-2.431178	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[573,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
##	[574,]	-1.025818	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[575,]	1.784904	-0.96115930	0.6261610	1.1528613	1.2363997
##	[576,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-1.5028732
##	[577,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[578,]	0.379543	-0.96115930	0.6261610	-1.5673732	-1.5028732
##	[579,]	1.784904	-0.05776789	-0.1862456	-1.5673732	1.2363997
##	[580,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[581,]	0.379543	-0.96115930	1.4385677	1.1528613	-0.1332367
##	[582,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-0.1332367
##	[583,]	1.784904	-0.05776789	-1.8110589	-0.6606284	-0.1332367

## [584,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [585,]	0.379543	2.65240635	-0.5924489	1.1528613	-1.5028732
## [586,]	1.784904	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [587,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [588,]	0.379543	-0.05776789	-0.9986523	0.2461164	-0.1332367
## [589,]	0.379543	1.74901494	0.2199577	0.2461164	-0.1332367
## [590,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [591,]	0.379543	0.84562353	0.2199577	0.2461164	-0.1332367
## [592,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
## [593,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
## [594,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-0.1332367
## [595,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
## [596,]	0.379543	2.65240635	0.2199577	-0.6606284	1.2363997
## [597,]	1.784904	-0.96115930	0.6261610	0.2461164	1.2363997
## [598,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
## [599,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [600,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [601,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [602,]	-1.025818	-0.05776789	-0.9986523	0.2461164	1.2363997
## [603,]	-1.025818	-0.05776789	-0.1862456	1.1528613	1.2363997
## [604,]	-1.025818	-0.96115930	0.6261610	0.2461164	1.2363997
## [605,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-0.1332367
## [606,]	-1.025818	-0.05776789	-1.8110589	-1.5673732	-1.5028732
## [607,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
## [608,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
## [609,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [610,]	0.379543	1.74901494	0.2199577	-1.5673732	-0.1332367
## [611,]	-1.025818	0.84562353	0.2199577	1.1528613	-1.5028732
## [612,]	0.379543	0.84562353	-0.1862456	0.2461164	1.2363997
## [613,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [614,]	0.379543	-0.96115930	-1.4048556	1.1528613	-0.1332367
## [615,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
## [616,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [617,]	0.379543	1.74901494	-0.5924489	0.2461164	-0.1332367
## [618,]	0.379543	-0.05776789	-1.8110589	-0.6606284	1.2363997
## [619,]	1.784904	-0.96115930	0.6261610	-1.5673732	1.2363997
## [620,]	1.784904	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [621,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [622,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [623,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [624,]	-1.025818	-0.96115930	0.6261610	1.1528613	-1.5028732
## [625,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
## [626,]	0.379543	0.84562353	1.0323644	-1.5673732	-1.5028732
## [627,]	1.784904	-0.05776789	0.6261610	0.2461164	-0.1332367
## [628,]	-1.025818	1.74901494	-0.1862456	1.1528613	-0.1332367
## [629,]	-1.025818	-0.05776789	1.0323644	0.2461164	-1.5028732
## [630,]	-1.025818	-0.96115930	-1.4048556	1.1528613	-1.5028732
## [631,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
## [632,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [633,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [634,]	-1.025818	-0.96115930	-1.4048556	-1.5673732	-0.1332367
## [635,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [636,]	-1.025818	0.84562353	-0.1862456	0.2461164	-0.1332367
## [637,]	0.379543	-0.96115930	0.6261610	-0.6606284	-1.5028732

## [638,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [639,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [640,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [641,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [642,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [643,]	-1.025818	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [644,]	1.784904	-0.05776789	-0.9986523	1.1528613	-0.1332367
## [645,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [646,]	-1.025818	-0.96115930	1.4385677	0.2461164	-1.5028732
## [647,]	0.379543	1.74901494	1.0323644	1.1528613	-0.1332367
## [648,]	-1.025818	0.84562353	-0.1862456	-0.6606284	-0.1332367
## [649,]	0.379543	-0.96115930	1.4385677	1.1528613	-0.1332367
## [650,]	0.379543	1.74901494	0.2199577	1.1528613	1.2363997
## [651,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [652,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [653,]	0.379543	0.84562353	1.0323644	-0.6606284	1.2363997
## [654,]	0.379543	1.74901494	-0.5924489	-1.5673732	-1.5028732
## [655,]	-1.025818	-0.05776789	-1.4048556	1.1528613	-0.1332367
## [656,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-1.5028732
## [657,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [658,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [659,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [660,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [661,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [662,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-1.5028732
## [663,]	-1.025818	-0.96115930	1.4385677	0.2461164	1.2363997
## [664,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [665,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [666,]	-1.025818	-0.96115930	1.4385677	1.1528613	1.2363997
## [667,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [668,]	-2.431178	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [669,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
## [670,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [671,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [672,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [673,]	-1.025818	-0.05776789	1.0323644	0.2461164	1.2363997
## [674,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [675,]	-1.025818	0.84562353	-1.8110589	-0.6606284	-1.5028732
## [676,]	-1.025818	-0.96115930	1.4385677	0.2461164	-0.1332367
## [677,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [678,]	0.379543	0.84562353	-0.9986523	-0.6606284	-0.1332367
## [679,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [680,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [681,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [682,]	0.379543	0.84562353	0.2199577	-1.5673732	-0.1332367
## [683,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [684,]	-1.025818	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [685,]	-1.025818	0.84562353	1.0323644	-0.6606284	-1.5028732
## [686,]	-1.025818	-0.05776789	1.0323644	-1.5673732	1.2363997
## [687,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [688,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [689,]	-1.025818	-0.96115930	1.4385677	-0.6606284	1.2363997
## [690,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [691,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367

##	[692,]	0.379543	-0.96115930	0.6261610	-0.6606284	-1.5028732
##	[693,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
##	[694,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
##	[695,]	-1.025818	-0.05776789	-1.8110589	1.1528613	1.2363997
##	[696,]	-1.025818	0.84562353	1.0323644	0.2461164	-0.1332367
##	[697,]	0.379543	-0.05776789	-0.9986523	-0.6606284	-0.1332367
##	[698,]	0.379543	-0.96115930	1.4385677	1.1528613	-0.1332367
##	[699,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[700,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
##	[701,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
##	[702,]	0.379543	1.74901494	-0.5924489	0.2461164	-1.5028732
##	[703,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
##	[704,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[705,]	0.379543	0.84562353	1.0323644	1.1528613	-1.5028732
##	[706,]	1.784904	0.84562353	1.0323644	0.2461164	1.2363997
##	[707,]	1.784904	1.74901494	1.0323644	-0.6606284	1.2363997
##	[708,]	1.784904	-0.05776789	-0.1862456	0.2461164	-1.5028732
##	[709,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[710,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[711,]	0.379543	1.74901494	-0.5924489	0.2461164	1.2363997
##	[712,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[713,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[714,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[715,]	0.379543	1.74901494	0.2199577	1.1528613	-1.5028732
##	[716,]	1.784904	-0.05776789	-1.8110589	-0.6606284	-0.1332367
##	[717,]	0.379543	2.65240635	0.2199577	0.2461164	-1.5028732
##	[718,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[719,]	0.379543	-0.05776789	-0.9986523	-1.5673732	-0.1332367
##	[720,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[721,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[722,]	0.379543	1.74901494	-0.1862456	0.2461164	-0.1332367
##	[723,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[724,]	0.379543	0.84562353	-0.1862456	0.2461164	-1.5028732
##	[725,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-1.5028732
##	[726,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-1.5028732
##	[727,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
##	[728,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[729,]	0.379543	0.84562353	-0.1862456	0.2461164	-0.1332367
##	[730,]	0.379543	0.84562353	-1.8110589	0.2461164	-1.5028732
##	[731,]	1.784904	0.84562353	0.2199577	-1.5673732	-0.1332367
##	[732,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[733,]	0.379543	-0.96115930	-0.9986523	-0.6606284	1.2363997
##	[734,]	1.784904	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[735,]	-2.431178	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[736,]	-1.025818	-0.05776789	-1.8110589	0.2461164	1.2363997
##	[737,]	-1.025818	0.84562353	-1.8110589	0.2461164	1.2363997
##	[738,]	0.379543	-0.05776789	-0.1862456	0.2461164	1.2363997
##	[739,]	-1.025818	1.74901494	-0.1862456	1.1528613	-0.1332367
##	[740,]	0.379543	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[741,]	0.379543	-0.96115930	-0.9986523	1.1528613	-1.5028732
##	[742,]	0.379543	2.65240635	-0.5924489	0.2461164	-0.1332367
##	[743,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[744,]	-1.025818	1.74901494	-0.1862456	1.1528613	1.2363997
##	[745,]	-2.431178	-0.05776789	-1.8110589	-0.6606284	-0.1332367

##	[746,]	0.379543	-0.05776789	-1.8110589	-0.6606284	-0.1332367
##	[747,]	-2.431178	2.65240635	0.2199577	0.2461164	-1.5028732
##	[748,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[749,]	-2.431178	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[750,]	-2.431178	2.65240635	-0.5924489	1.1528613	-0.1332367
##	[751,]	1.784904	1.74901494	1.0323644	1.1528613	-0.1332367
##	[752,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[753,]	1.784904	-0.96115930	-0.9986523	-1.5673732	1.2363997
##	[754,]	0.379543	0.84562353	-0.1862456	-1.5673732	1.2363997
##	[755,]	-1.025818	-0.96115930	1.4385677	1.1528613	1.2363997
##	[756,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
##	[757,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[758,]	1.784904	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[759,]	0.379543	0.84562353	-0.5924489	1.1528613	-0.1332367
##	[760,]	0.379543	-0.96115930	-1.4048556	-0.6606284	1.2363997
##	[761,]	-1.025818	0.84562353	1.0323644	-0.6606284	-0.1332367
##	[762,]	0.379543	-0.05776789	-0.9986523	0.2461164	-1.5028732
##	[763,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
##	[764,]	0.379543	-0.96115930	1.4385677	0.2461164	-0.1332367
##	[765,]	0.379543	-0.96115930	1.4385677	-0.6606284	-0.1332367
##	[766,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[767,]	0.379543	2.65240635	0.2199577	0.2461164	-0.1332367
##	[768,]	0.379543	-0.05776789	-1.8110589	-0.6606284	1.2363997
##	[769,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
##	[770,]	-1.025818	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[771,]	0.379543	2.65240635	0.2199577	1.1528613	-1.5028732
##	[772,]	-1.025818	0.84562353	1.0323644	0.2461164	-0.1332367
##	[773,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[774,]	-1.025818	0.84562353	-0.1862456	1.1528613	1.2363997
##	[775,]	-1.025818	1.74901494	-0.5924489	-1.5673732	1.2363997
##	[776,]	-1.025818	0.84562353	1.0323644	1.1528613	-1.5028732
##	[777,]	0.379543	-0.96115930	1.4385677	1.1528613	1.2363997
##	[778,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	1.2363997
##	[779,]	-1.025818	-0.05776789	0.6261610	-1.5673732	-1.5028732
##	[780,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[781,]	-1.025818	0.84562353	-1.8110589	-1.5673732	1.2363997
##	[782,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[783,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
##	[784,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[785,]	-1.025818	0.84562353	-1.8110589	0.2461164	-0.1332367
##	[786,]	0.379543	0.84562353	-1.8110589	1.1528613	-0.1332367
##	[787,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-0.1332367
##	[788,]	0.379543	0.84562353	-0.1862456	-0.6606284	-0.1332367
##	[789,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
##	[790,]	-1.025818	0.84562353	-1.4048556	-1.5673732	-0.1332367
##	[791,]	-1.025818	0.84562353	-1.8110589	1.1528613	-1.5028732
##	[792,]	0.379543	0.84562353	1.0323644	-1.5673732	1.2363997
##	[793,]	-1.025818	-0.05776789	0.6261610	0.2461164	1.2363997
##	[794,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
##	[795,]	0.379543	-0.05776789	-1.8110589	1.1528613	1.2363997
##	[796,]	-1.025818	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[797,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[798,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
##	[799,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997

## [800,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
## [801,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [802,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [803,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [804,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
## [805,]	1.784904	1.74901494	-0.5924489	1.1528613	1.2363997
## [806,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [807,]	0.379543	0.84562353	-1.8110589	-0.6606284	1.2363997
## [808,]	-1.025818	0.84562353	1.0323644	0.2461164	-1.5028732
## [809,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
## [810,]	0.379543	0.84562353	-0.1862456	-0.6606284	-1.5028732
## [811,]	0.379543	1.74901494	-0.5924489	0.2461164	-0.1332367
## [812,]	0.379543	0.84562353	1.0323644	-0.6606284	1.2363997
## [813,]	0.379543	0.84562353	-0.1862456	-1.5673732	-0.1332367
## [814,]	0.379543	1.74901494	-1.8110589	1.1528613	-1.5028732
## [815,]	-1.025818	2.65240635	0.2199577	0.2461164	1.2363997
## [816,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
## [817,]	0.379543	-0.05776789	-0.9986523	-0.6606284	1.2363997
## [818,]	0.379543	-0.05776789	-0.1862456	1.1528613	1.2363997
## [819,]	1.784904	-0.96115930	1.4385677	1.1528613	-0.1332367
## [820,]	-1.025818	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [821,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [822,]	-1.025818	1.74901494	1.0323644	-0.6606284	-0.1332367
## [823,]	0.379543	-0.05776789	-0.1862456	0.2461164	1.2363997
## [824,]	0.379543	-0.96115930	0.6261610	-0.6606284	-1.5028732
## [825,]	-2.431178	-0.05776789	-0.9986523	1.1528613	1.2363997
## [826,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
## [827,]	1.784904	-0.96115930	-1.4048556	0.2461164	-0.1332367
## [828,]	-1.025818	-0.96115930	0.6261610	0.2461164	-1.5028732
## [829,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [830,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
## [831,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [832,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [833,]	-1.025818	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [834,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
## [835,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [836,]	0.379543	-0.96115930	-1.4048556	0.2461164	1.2363997
## [837,]	-1.025818	0.84562353	1.0323644	-1.5673732	-0.1332367
## [838,]	0.379543	0.84562353	0.2199577	0.2461164	1.2363997
## [839,]	0.379543	1.74901494	1.0323644	-1.5673732	1.2363997
## [840,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
## [841,]	-1.025818	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [842,]	0.379543	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [843,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [844,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [845,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [846,]	-1.025818	-0.05776789	0.6261610	1.1528613	-0.1332367
## [847,]	-1.025818	0.84562353	-0.1862456	-0.6606284	-1.5028732
## [848,]	-1.025818	-0.05776789	-1.8110589	-1.5673732	1.2363997
## [849,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [850,]	-2.431178	-0.05776789	1.0323644	0.2461164	1.2363997
## [851,]	0.379543	-0.96115930	1.4385677	-1.5673732	-1.5028732
## [852,]	0.379543	2.65240635	-0.5924489	-1.5673732	-1.5028732
## [853,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367

##	[854,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[855,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[856,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
##	[857,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[858,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
##	[859,]	0.379543	2.65240635	-0.5924489	0.2461164	-1.5028732
##	[860,]	-2.431178	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[861,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[862,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
##	[863,]	-2.431178	-0.96115930	0.6261610	0.2461164	1.2363997
##	[864,]	0.379543	-0.96115930	-1.4048556	0.2461164	-0.1332367
##	[865,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-1.5028732
##	[866,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
##	[867,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[868,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
##	[869,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[870,]	0.379543	2.65240635	0.2199577	-0.6606284	-0.1332367
##	[871,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
##	[872,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[873,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
##	[874,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-1.5028732
##	[875,]	0.379543	-0.05776789	-0.9986523	0.2461164	-1.5028732
##	[876,]	0.379543	-0.05776789	0.6261610	1.1528613	1.2363997
##	[877,]	1.784904	-0.96115930	1.4385677	1.1528613	1.2363997
##	[878,]	0.379543	-0.05776789	-0.1862456	1.1528613	-1.5028732
##	[879,]	1.784904	-0.05776789	-1.4048556	-1.5673732	-0.1332367
##	[880,]	1.784904	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[881,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-0.1332367
##	[882,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
##	[883,]	-2.431178	0.84562353	-0.1862456	-1.5673732	-1.5028732
##	[884,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[885,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
##	[886,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
##	[887,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[888,]	0.379543	0.84562353	0.2199577	-1.5673732	-0.1332367
##	[889,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
##	[890,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
##	[891,]	0.379543	0.84562353	-0.1862456	0.2461164	-1.5028732
##	[892,]	1.784904	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[893,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[894,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
##	[895,]	0.379543	1.74901494	0.2199577	1.1528613	-0.1332367
##	[896,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-0.1332367
##	[897,]	-1.025818	-0.05776789	-1.8110589	-1.5673732	1.2363997
##	[898,]	-1.025818	-0.05776789	1.0323644	1.1528613	1.2363997
##	[899,]	-2.431178	2.65240635	0.2199577	1.1528613	-0.1332367
##	[900,]	-1.025818	2.65240635	-0.5924489	0.2461164	-0.1332367
##	[901,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
##	[902,]	1.784904	-0.96115930	-0.9986523	-0.6606284	1.2363997
##	[903,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[904,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
##	[905,]	-1.025818	2.65240635	0.2199577	1.1528613	1.2363997
##	[906,]	-1.025818	1.74901494	0.2199577	1.1528613	-1.5028732
##	[907,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367

##	[908,]	0.379543	2.65240635	-0.5924489	-0.6606284	-0.1332367
##	[909,]	1.784904	0.84562353	1.0323644	0.2461164	-1.5028732
##	[910,]	1.784904	-0.96115930	0.6261610	1.1528613	1.2363997
##	[911,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[912,]	-2.431178	-0.96115930	1.4385677	1.1528613	1.2363997
##	[913,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
##	[914,]	-2.431178	2.65240635	-0.5924489	-0.6606284	1.2363997
##	[915,]	-1.025818	1.74901494	-1.8110589	-0.6606284	-1.5028732
##	[916,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[917,]	-1.025818	2.65240635	-0.5924489	-0.6606284	-0.1332367
##	[918,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
##	[919,]	0.379543	2.65240635	-0.5924489	-0.6606284	-1.5028732
##	[920,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
##	[921,]	0.379543	-0.05776789	-0.9986523	-0.6606284	-1.5028732
##	[922,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[923,]	1.784904	2.65240635	-0.5924489	-1.5673732	-1.5028732
##	[924,]	-1.025818	-0.05776789	-1.4048556	-0.6606284	-0.1332367
##	[925,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[926,]	1.784904	-0.05776789	0.6261610	-0.6606284	-0.1332367
##	[927,]	-1.025818	0.84562353	1.0323644	1.1528613	1.2363997
##	[928,]	0.379543	-0.05776789	-0.1862456	-0.6606284	1.2363997
##	[929,]	0.379543	0.84562353	-1.8110589	1.1528613	-0.1332367
##	[930,]	-1.025818	-0.96115930	-0.9986523	1.1528613	-0.1332367
##	[931,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
##	[932,]	0.379543	-0.05776789	-0.1862456	0.2461164	1.2363997
##	[933,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
##	[934,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[935,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
##	[936,]	1.784904	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[937,]	0.379543	2.65240635	-0.5924489	-0.6606284	1.2363997
##	[938,]	-1.025818	1.74901494	-0.5924489	-0.6606284	-1.5028732
##	[939,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[940,]	0.379543	-0.05776789	-0.9986523	0.2461164	-0.1332367
##	[941,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[942,]	-1.025818	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[943,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
##	[944,]	0.379543	-0.96115930	-1.4048556	-1.5673732	1.2363997
##	[945,]	-2.431178	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[946,]	0.379543	1.74901494	0.2199577	-1.5673732	-0.1332367
##	[947,]	-1.025818	0.84562353	1.0323644	-0.6606284	1.2363997
##	[948,]	0.379543	0.84562353	1.0323644	-0.6606284	1.2363997
##	[949,]	0.379543	0.84562353	-0.5924489	-1.5673732	-0.1332367
##	[950,]	0.379543	-0.05776789	-0.1862456	0.2461164	1.2363997
##	[951,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
##	[952,]	-2.431178	-0.05776789	1.0323644	-0.6606284	1.2363997
##	[953,]	0.379543	-0.96115930	1.4385677	-0.6606284	1.2363997
##	[954,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
##	[955,]	0.379543	1.74901494	-0.5924489	0.2461164	-0.1332367
##	[956,]	-2.431178	2.65240635	-0.5924489	0.2461164	-0.1332367
##	[957,]	0.379543	2.65240635	-0.5924489	-0.6606284	1.2363997
##	[958,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
##	[959,]	0.379543	0.84562353	-1.8110589	1.1528613	-1.5028732
##	[960,]	0.379543	-0.05776789	0.6261610	1.1528613	1.2363997
##	[961,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732

## [962,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
## [963,]	0.379543	1.74901494	-0.5924489	-0.6606284	-1.5028732
## [964,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [965,]	0.379543	-0.05776789	1.0323644	-1.5673732	1.2363997
## [966,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [967,]	-1.025818	0.84562353	-0.1862456	-1.5673732	-0.1332367
## [968,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [969,]	1.784904	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [970,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
## [971,]	1.784904	-0.96115930	1.4385677	1.1528613	-0.1332367
## [972,]	-1.025818	1.74901494	-0.1862456	-0.6606284	1.2363997
## [973,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [974,]	-1.025818	-0.05776789	-0.9986523	1.1528613	-0.1332367
## [975,]	-2.431178	-0.05776789	1.0323644	1.1528613	1.2363997
## [976,]	1.784904	1.74901494	1.0323644	0.2461164	1.2363997
## [977,]	0.379543	1.74901494	-0.1862456	-0.6606284	-0.1332367
## [978,]	-1.025818	-0.96115930	0.6261610	0.2461164	-1.5028732
## [979,]	1.784904	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [980,]	0.379543	-0.05776789	-0.9986523	0.2461164	-0.1332367
## [981,]	-1.025818	-0.96115930	1.4385677	1.1528613	1.2363997
## [982,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [983,]	1.784904	-0.96115930	0.6261610	0.2461164	-1.5028732
## [984,]	0.379543	-0.05776789	-1.8110589	1.1528613	1.2363997
## [985,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [986,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [987,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [988,]	0.379543	0.84562353	1.0323644	-0.6606284	-0.1332367
## [989,]	0.379543	-0.05776789	0.6261610	1.1528613	-1.5028732
## [990,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [991,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [992,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [993,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
## [994,]	1.784904	-0.05776789	1.0323644	0.2461164	-0.1332367
## [995,]	1.784904	1.74901494	-0.1862456	0.2461164	-0.1332367
## [996,]	-1.025818	-0.05776789	0.6261610	0.2461164	1.2363997
## [997,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [998,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [999,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
## [1000,]	0.379543	1.74901494	-0.5924489	-1.5673732	-0.1332367
## [1001,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [1002,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1003,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
## [1004,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [1005,]	1.784904	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1006,]	-1.025818	0.84562353	-1.4048556	-1.5673732	1.2363997
## [1007,]	-1.025818	-0.05776789	-0.9986523	-1.5673732	1.2363997
## [1008,]	0.379543	0.84562353	-1.8110589	1.1528613	1.2363997
## [1009,]	0.379543	1.74901494	0.2199577	1.1528613	1.2363997
## [1010,]	0.379543	2.65240635	0.2199577	-1.5673732	-0.1332367
## [1011,]	1.784904	1.74901494	0.2199577	1.1528613	-1.5028732
## [1012,]	0.379543	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1013,]	-2.431178	-0.96115930	1.4385677	0.2461164	1.2363997
## [1014,]	0.379543	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [1015,]	0.379543	1.74901494	0.2199577	-0.6606284	1.2363997

## [1016,]	0.379543	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [1017,]	-1.025818	-0.96115930	0.6261610	-0.6606284	1.2363997
## [1018,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [1019,]	-1.025818	-0.05776789	-0.9986523	1.1528613	1.2363997
## [1020,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [1021,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1022,]	-1.025818	-0.96115930	1.4385677	-1.5673732	-0.1332367
## [1023,]	1.784904	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1024,]	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	0.2461164	-1.5028732
## [1031,]	0.379543	0.84562353	1.0323644	1.1528613	-1.5028732
## [1032,]	0.379543	0.84562353	1.0323644	1.1528613	-1.5028732
## [1033,]	-1.025818	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1034,]	1.784904	0.84562353	-0.1862456	-0.6606284	1.2363997
## [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,]	0.379543	0.84562353	-0.1862456	1.1528613	-0.1332367
## [1039,]	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
## [1051,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [1052,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1053,]	0.379543	-0.96115930	0.6261610	0.2461164	-1.5028732
## [1054,]	1.784904	-0.05776789	0.6261610	0.2461164	-0.1332367
## [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,]	0.379543	0.84562353	-0.1862456	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
## [1072,]	-1.025818	-0.05776789	-0.9986523	-1.5673732	-0.1332367
## [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
## [1076,]	0.379543	0.84562353	-0.5924489	1.1528613	1.2363997
## [1077,]	0.379543	1.74901494	-0.5924489	1.1528613	-1.5028732
## [1078,]	-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,]	0.379543	1.74901494	-0.5924489	-0.6606284	-0.1332367
## [1082,]	-1.025818	0.84562353	-1.8110589	-0.6606284	1.2363997
## [1083,]	0.379543	-0.05776789	-0.9986523	0.2461164	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
## [1093,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1094,]	0.379543	0.84562353	-1.8110589	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	-1.5673732	-1.5028732
## [1099,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [1100,]	0.379543	0.84562353	-1.8110589	-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,]	0.379543	-0.96115930	1.4385677	1.1528613	1.2363997
## [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
## [1125,]	1.784904	0.84562353	1.0323644	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	1.1528613	-0.1332367
## [1136,]	1.784904	1.74901494	-0.5924489	-1.5673732	1.2363997
## [1137,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [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	0.6261610	-0.6606284	-0.1332367
## [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	1.0323644	-1.5673732	1.2363997
## [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
## [1155,]	0.379543	2.65240635	-0.5924489	0.2461164	-0.1332367
## [1156,]	-1.025818	-0.05776789	-0.9986523	0.2461164	-1.5028732
## [1157,]	-1.025818	0.84562353	-0.1862456	0.2461164	-0.1332367
## [1158,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [1159,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [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
## [1163,]	-1.025818	0.84562353	1.0323644	-1.5673732	-0.1332367
## [1164,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [1165,]	0.379543	0.84562353	-0.1862456	1.1528613	1.2363997
## [1166,]	0.379543	-0.05776789	-1.4048556	1.1528613	-0.1332367
## [1167,]	-1.025818	1.74901494	-0.5924489	1.1528613	-0.1332367
## [1168,]	-2.431178	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1169,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [1170,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1171,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [1172,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1173,]	-1.025818	-0.05776789	1.0323644	0.2461164	1.2363997
## [1174,]	0.379543	0.84562353	-1.8110589	-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,]	-1.025818	1.74901494	-1.8110589	0.2461164	-0.1332367
## [1183,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [1184,]	1.784904	-0.05776789	-1.8110589	-1.5673732	-1.5028732
## [1185,]	0.379543	1.74901494	-0.5924489	0.2461164	-0.1332367
## [1186,]	-1.025818	1.74901494	0.2199577	0.2461164	-0.1332367
## [1187,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1188,]	0.379543	-0.05776789	0.6261610	1.1528613	-0.1332367
## [1189,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
## [1190,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1191,]	0.379543	-0.05776789	0.6261610	-0.6606284	-1.5028732
## [1192,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1193,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [1194,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [1195,]	1.784904	1.74901494	-0.5924489	-0.6606284	-1.5028732
## [1196,]	0.379543	1.74901494	-0.5924489	0.2461164	1.2363997
## [1197,]	0.379543	0.84562353	1.0323644	0.2461164	1.2363997
## [1198,]	0.379543	-0.96115930	1.4385677	-1.5673732	1.2363997
## [1199,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1200,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [1201,]	0.379543	-0.96115930	-1.4048556	1.1528613	-1.5028732
## [1202,]	-1.025818	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1203,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1204,]	1.784904	0.84562353	-1.8110589	1.1528613	-0.1332367
## [1205,]	0.379543	-0.96115930	1.4385677	0.2461164	-0.1332367
## [1206,]	0.379543	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [1207,]	0.379543	-0.96115930	-0.9986523	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
## [1210,]	-2.431178	0.84562353	-1.8110589	1.1528613	-1.5028732
## [1211,]	1.784904	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [1212,]	-2.431178	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1213,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1214,]	0.379543	-0.96115930	1.4385677	1.1528613	-1.5028732
## [1215,]	1.784904	0.84562353	-1.8110589	1.1528613	-0.1332367
## [1216,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
## [1217,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1218,]	1.784904	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1219,]	0.379543	0.84562353	1.0323644	0.2461164	1.2363997
## [1220,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1221,]	0.379543	-0.05776789	1.4385677	1.1528613	1.2363997
## [1222,]	-1.025818	0.84562353	-1.8110589	0.2461164	-0.1332367
## [1223,]	-2.431178	-0.96115930	-1.4048556	0.2461164	-0.1332367
## [1224,]	-2.431178	1.74901494	1.0323644	0.2461164	-0.1332367
## [1225,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1226,]	-1.025818	1.74901494	0.2199577	-0.6606284	1.2363997
## [1227,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1228,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1229,]	-2.431178	-0.05776789	-1.4048556	-0.6606284	-0.1332367
## [1230,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [1231,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732

## [1232,]	0.379543	-0.05776789	-1.8110589	-0.6606284	1.2363997
## [1233,]	0.379543	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [1234,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1235,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1236,]	0.379543	0.84562353	1.0323644	1.1528613	-1.5028732
## [1237,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-1.5028732
## [1238,]	-2.431178	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1239,]	0.379543	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [1240,]	0.379543	-0.05776789	-0.1862456	1.1528613	1.2363997
## [1241,]	0.379543	-0.05776789	-0.9986523	1.1528613	-0.1332367
## [1242,]	-2.431178	0.84562353	1.0323644	0.2461164	-0.1332367
## [1243,]	0.379543	2.65240635	-0.5924489	-0.6606284	1.2363997
## [1244,]	-2.431178	0.84562353	-1.4048556	0.2461164	-0.1332367
## [1245,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
## [1246,]	0.379543	-0.96115930	-1.4048556	1.1528613	-0.1332367
## [1247,]	-1.025818	-0.96115930	-1.4048556	1.1528613	-1.5028732
## [1248,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1249,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [1250,]	-2.431178	-0.96115930	1.4385677	-0.6606284	1.2363997
## [1251,]	1.784904	-0.05776789	-1.8110589	0.2461164	1.2363997
## [1252,]	-1.025818	0.84562353	1.0323644	-1.5673732	-1.5028732
## [1253,]	1.784904	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1254,]	0.379543	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1255,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1256,]	0.379543	0.84562353	1.0323644	-1.5673732	1.2363997
## [1257,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [1258,]	0.379543	0.84562353	1.0323644	0.2461164	-0.1332367
## [1259,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [1260,]	1.784904	-0.05776789	-1.8110589	0.2461164	-0.1332367
## [1261,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
## [1262,]	-2.431178	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [1263,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1264,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-1.5028732
## [1265,]	-1.025818	2.65240635	0.2199577	-1.5673732	-0.1332367
## [1266,]	0.379543	-0.05776789	0.6261610	-0.6606284	-1.5028732
## [1267,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-1.5028732
## [1268,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
## [1269,]	-1.025818	1.74901494	-0.1862456	0.2461164	-0.1332367
## [1270,]	0.379543	-0.96115930	-1.4048556	1.1528613	1.2363997
## [1271,]	-2.431178	-0.05776789	1.0323644	1.1528613	1.2363997
## [1272,]	0.379543	-0.96115930	1.4385677	-0.6606284	1.2363997
## [1273,]	-1.025818	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1274,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [1275,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1276,]	0.379543	0.84562353	-0.5924489	0.2461164	-0.1332367
## [1277,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1278,]	0.379543	2.65240635	0.2199577	1.1528613	-1.5028732
## [1279,]	0.379543	0.84562353	-1.8110589	-1.5673732	-0.1332367
## [1280,]	0.379543	-0.96115930	0.6261610	-0.6606284	-1.5028732
## [1281,]	0.379543	-0.05776789	-1.4048556	-0.6606284	-1.5028732
## [1282,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1283,]	1.784904	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [1284,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1285,]	0.379543	0.84562353	0.2199577	0.2461164	1.2363997

## [1286,]	-1.025818	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1287,]	0.379543	-0.96115930	-0.9986523	-1.5673732	-0.1332367
## [1288,]	1.784904	-0.05776789	-1.8110589	-1.5673732	-0.1332367
## [1289,]	0.379543	-0.05776789	-0.1862456	1.1528613	-1.5028732
## [1290,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-1.5028732
## [1291,]	0.379543	-0.05776789	-0.9986523	-1.5673732	-0.1332367
## [1292,]	0.379543	-0.05776789	-0.1862456	-1.5673732	1.2363997
## [1293,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1294,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [1295,]	1.784904	-0.05776789	-1.8110589	-0.6606284	1.2363997
## [1296,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
## [1297,]	0.379543	0.84562353	-0.1862456	0.2461164	1.2363997
## [1298,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1299,]	0.379543	-0.05776789	-1.8110589	-0.6606284	-0.1332367
## [1300,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [1301,]	1.784904	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1302,]	0.379543	1.74901494	-0.5924489	-0.6606284	-1.5028732
## [1303,]	-2.431178	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1304,]	-1.025818	0.84562353	-0.1862456	-0.6606284	-1.5028732
## [1305,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-1.5028732
## [1306,]	0.379543	-0.05776789	0.6261610	1.1528613	-0.1332367
## [1307,]	0.379543	0.84562353	1.0323644	-1.5673732	-0.1332367
## [1308,]	0.379543	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [1309,]	-2.431178	-0.05776789	1.4385677	1.1528613	-0.1332367
## [1310,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1311,]	0.379543	1.74901494	0.2199577	0.2461164	-0.1332367
## [1312,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [1313,]	1.784904	-0.96115930	-1.4048556	-1.5673732	-0.1332367
## [1314,]	-1.025818	-0.96115930	-1.4048556	-1.5673732	-1.5028732
## [1315,]	0.379543	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1316,]	0.379543	-0.05776789	0.6261610	-0.6606284	-0.1332367
## [1317,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1318,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [1319,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [1320,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1321,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1322,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1323,]	0.379543	0.84562353	-0.1862456	1.1528613	-1.5028732
## [1324,]	0.379543	-0.96115930	-1.4048556	1.1528613	-1.5028732
## [1325,]	-2.431178	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [1326,]	0.379543	-0.96115930	-0.9986523	0.2461164	1.2363997
## [1327,]	-1.025818	-0.05776789	1.0323644	-0.6606284	1.2363997
## [1328,]	1.784904	1.74901494	1.0323644	-1.5673732	-1.5028732
## [1329,]	-1.025818	-0.05776789	1.4385677	0.2461164	-0.1332367
## [1330,]	-1.025818	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1331,]	-1.025818	2.65240635	-0.5924489	0.2461164	-0.1332367
## [1332,]	-1.025818	2.65240635	0.2199577	-0.6606284	-0.1332367
## [1333,]	-1.025818	-0.96115930	0.6261610	1.1528613	1.2363997
## [1334,]	0.379543	0.84562353	1.0323644	-0.6606284	-0.1332367
## [1335,]	-1.025818	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [1336,]	0.379543	-0.05776789	0.6261610	1.1528613	-1.5028732
## [1337,]	-1.025818	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1338,]	0.379543	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [1339,]	0.379543	-0.96115930	1.4385677	1.1528613	1.2363997

## [1340,]	0.379543	-0.96115930	0.6261610	-0.6606284	1.2363997
## [1341,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1342,]	0.379543	-0.05776789	-0.9986523	0.2461164	-1.5028732
## [1343,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
## [1344,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1345,]	0.379543	-0.05776789	0.6261610	-1.5673732	-0.1332367
## [1346,]	-1.025818	-0.05776789	-0.1862456	-0.6606284	-0.1332367
## [1347,]	-1.025818	-0.05776789	-0.1862456	1.1528613	-0.1332367
## [1348,]	-1.025818	-0.05776789	-1.4048556	1.1528613	1.2363997
## [1349,]	0.379543	1.74901494	-0.5924489	-1.5673732	-1.5028732
## [1350,]	-1.025818	-0.96115930	0.6261610	0.2461164	-0.1332367
## [1351,]	1.784904	-0.05776789	1.0323644	0.2461164	1.2363997
## [1352,]	0.379543	1.74901494	-0.5924489	1.1528613	-1.5028732
## [1353,]	1.784904	-0.05776789	-1.8110589	-1.5673732	-0.1332367
## [1354,]	-2.431178	-0.96115930	0.6261610	-1.5673732	-0.1332367
## [1355,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [1356,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1357,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1358,]	0.379543	0.84562353	0.2199577	-1.5673732	-0.1332367
## [1359,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1360,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1361,]	1.784904	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [1362,]	1.784904	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [1363,]	0.379543	-0.05776789	-1.8110589	0.2461164	1.2363997
## [1364,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [1365,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1366,]	1.784904	-0.96115930	1.4385677	-1.5673732	1.2363997
## [1367,]	-2.431178	-0.05776789	1.0323644	0.2461164	-0.1332367
## [1368,]	0.379543	-0.96115930	0.6261610	-0.6606284	-0.1332367
## [1369,]	-1.025818	-0.05776789	0.6261610	1.1528613	-0.1332367
## [1370,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
## [1371,]	0.379543	-0.05776789	0.6261610	-0.6606284	-0.1332367
## [1372,]	-1.025818	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [1373,]	0.379543	-0.05776789	-0.1862456	-1.5673732	-0.1332367
## [1374,]	-1.025818	-0.05776789	0.6261610	-0.6606284	-1.5028732
## [1375,]	0.379543	1.74901494	-0.5924489	1.1528613	-0.1332367
## [1376,]	1.784904	-0.96115930	0.6261610	0.2461164	1.2363997
## [1377,]	0.379543	-0.96115930	0.6261610	1.1528613	-1.5028732
## [1378,]	0.379543	2.65240635	0.2199577	1.1528613	-0.1332367
## [1379,]	0.379543	-0.05776789	1.0323644	1.1528613	-1.5028732
## [1380,]	-1.025818	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1381,]	0.379543	-0.05776789	1.0323644	-1.5673732	-0.1332367
## [1382,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [1383,]	0.379543	-0.96115930	0.6261610	-1.5673732	-1.5028732
## [1384,]	1.784904	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [1385,]	0.379543	0.84562353	1.0323644	1.1528613	1.2363997
## [1386,]	0.379543	0.84562353	1.0323644	0.2461164	-1.5028732
## [1387,]	0.379543	-0.96115930	-0.9986523	-1.5673732	1.2363997
## [1388,]	0.379543	-0.05776789	-1.8110589	-1.5673732	-0.1332367
## [1389,]	0.379543	-0.05776789	-1.8110589	1.1528613	-1.5028732
## [1390,]	-2.431178	-0.05776789	0.6261610	-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,]	0.379543	-0.05776789	1.0323644	1.1528613	1.2363997
## [1395,]	-1.025818	-0.05776789	-0.1862456	1.1528613	1.2363997
## [1396,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
## [1397,]	0.379543	0.84562353	1.0323644	-1.5673732	1.2363997
## [1398,]	0.379543	-0.05776789	0.6261610	0.2461164	-0.1332367
## [1399,]	0.379543	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [1400,]	0.379543	0.84562353	-1.8110589	0.2461164	-0.1332367
## [1401,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1402,]	1.784904	2.65240635	-0.5924489	-0.6606284	-0.1332367
## [1403,]	-2.431178	-0.96115930	-0.9986523	1.1528613	-1.5028732
## [1404,]	0.379543	1.74901494	1.0323644	-1.5673732	1.2363997
## [1405,]	-1.025818	-0.05776789	0.6261610	0.2461164	1.2363997
## [1406,]	0.379543	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,]	0.379543	-0.96115930	-0.9986523	1.1528613	1.2363997
## [1410,]	0.379543	-0.05776789	-0.9986523	0.2461164	-0.1332367
## [1411,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1412,]	0.379543	-0.96115930	-1.4048556	-0.6606284	-0.1332367
## [1413,]	0.379543	-0.96115930	-0.9986523	-0.6606284	-0.1332367
## [1414,]	0.379543	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [1415,]	0.379543	0.84562353	-1.8110589	0.2461164	1.2363997
## [1416,]	-1.025818	-0.96115930	-0.9986523	0.2461164	-1.5028732
## [1417,]	0.379543	-0.05776789	1.0323644	-0.6606284	-0.1332367
## [1418,]	0.379543	-0.96115930	1.4385677	0.2461164	-0.1332367
## [1419,]	-1.025818	-0.05776789	-0.1862456	0.2461164	-0.1332367
## [1420,]	0.379543	-0.05776789	0.6261610	-1.5673732	-1.5028732
## [1421,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1422,]	0.379543	0.84562353	0.2199577	-0.6606284	-0.1332367
## [1423,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1424,]	0.379543	-0.96115930	0.6261610	0.2461164	1.2363997
## [1425,]	0.379543	-0.05776789	0.6261610	0.2461164	1.2363997
## [1426,]	0.379543	-0.05776789	-1.8110589	1.1528613	-0.1332367
## [1427,]	-1.025818	-0.96115930	-0.9986523	-0.6606284	1.2363997
## [1428,]	0.379543	-0.96115930	-0.9986523	1.1528613	-0.1332367
## [1429,]	-1.025818	-0.96115930	1.4385677	-0.6606284	-0.1332367
## [1430,]	0.379543	-0.05776789	0.6261610	1.1528613	1.2363997
## [1431,]	-2.431178	0.84562353	0.2199577	0.2461164	-0.1332367
## [1432,]	0.379543	0.84562353	1.0323644	1.1528613	-0.1332367
## [1433,]	1.784904	0.84562353	0.2199577	1.1528613	-0.1332367
## [1434,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
## [1435,]	0.379543	-0.96115930	1.4385677	1.1528613	-1.5028732
## [1436,]	0.379543	-0.96115930	0.6261610	1.1528613	1.2363997
## [1437,]	0.379543	-0.96115930	1.4385677	-1.5673732	1.2363997
## [1438,]	0.379543	2.65240635	-0.5924489	1.1528613	1.2363997
## [1439,]	0.379543	-0.96115930	1.4385677	-1.5673732	-0.1332367
## [1440,]	-1.025818	0.84562353	1.0323644	1.1528613	-0.1332367
## [1441,]	0.379543	-0.05776789	-0.1862456	-0.6606284	-1.5028732
## [1442,]	0.379543	-0.05776789	-1.8110589	0.2461164	-1.5028732
## [1443,]	0.379543	-0.96115930	0.6261610	1.1528613	-0.1332367
## [1444,]	0.379543	2.65240635	-0.5924489	0.2461164	-0.1332367
## [1445,]	0.379543	-0.96115930	-0.9986523	0.2461164	-0.1332367
## [1446,]	-1.025818	1.74901494	-0.1862456	-0.6606284	-0.1332367
## [1447,]	-1.025818	-0.05776789	1.0323644	0.2461164	-0.1332367

##	[1448,]	-2.431178	-0.05776789	1.0323644	1.1528613	-1.5028732
##	[1449,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-1.5028732
##	[1450,]	0.379543	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[1451,]	0.379543	0.84562353	-1.4048556	1.1528613	1.2363997
##	[1452,]	0.379543	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[1453,]	0.379543	-0.05776789	1.0323644	0.2461164	-1.5028732
##	[1454,]	-1.025818	-0.05776789	1.0323644	1.1528613	-0.1332367
##	[1455,]	0.379543	-0.05776789	1.0323644	0.2461164	1.2363997
##	[1456,]	-1.025818	-0.96115930	0.6261610	0.2461164	1.2363997
##	[1457,]	0.379543	-0.05776789	-1.8110589	0.2461164	-0.1332367
##	[1458,]	0.379543	-0.96115930	0.6261610	0.2461164	-0.1332367
##	[1459,]	-2.431178	-0.96115930	0.6261610	1.1528613	-0.1332367
##	[1460,]	-1.025818	-0.05776789	-0.9986523	-0.6606284	-0.1332367
##	[1461,]	-1.025818	-0.96115930	0.6261610	-1.5673732	1.2363997
##	[1462,]	-1.025818	0.84562353	1.0323644	-1.5673732	-1.5028732
##	[1463,]	-1.025818	1.74901494	1.0323644	1.1528613	-0.1332367
##	[1464,]	0.379543	-0.05776789	-0.1862456	-1.5673732	1.2363997
##	[1465,]	-1.025818	-0.96115930	1.4385677	0.2461164	1.2363997
##	[1466,]	1.784904	-0.05776789	-0.9986523	1.1528613	-0.1332367
##	[1467,]	-1.025818	0.84562353	-1.8110589	-1.5673732	-0.1332367
##	[1468,]	1.784904	-0.05776789	-0.1862456	-0.6606284	-0.1332367
##	[1469,]	-1.025818	-0.05776789	1.0323644	-0.6606284	-0.1332367
##	[1470,]	1.784904	-0.05776789	-0.9986523	0.2461164	-0.1332367
##		MonthlyIncome	MonthlyRate	NumCompaniesWorked	Over18	OverTime
##	[1,]	-0.1083126537	0.725772953	2.1244130	NaN	1.5912040
##	[2,]	-0.2916193491	1.488369633	-0.6778187	NaN	-0.6280274
##	[3,]	-0.9373347071	-1.674271090	1.3237753	NaN	1.5912040
##	[4,]	-0.7633738919	1.242787651	-0.6778187	NaN	1.5912040
##	[5,]	-0.6446387323	0.325789028	2.5247318	NaN	-0.6280274
##	[6,]	-0.7296012794	-0.344082189	-1.0781375	NaN	-0.6280274
##	[7,]	-0.8141390138	-0.611019125	0.5231377	NaN	1.5912040
##	[8,]	-0.8092536674	-0.137416803	-0.6778187	NaN	-0.6280274
##	[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
##	[12,]	-0.4906441157	-0.229158813	-1.0781375	NaN	1.5912040
##	[13,]	-0.7629490792	0.120388080	-0.6778187	NaN	-0.6280274
##	[14,]	-0.8160506711	-0.780453833	-1.0781375	NaN	-0.6280274
##	[15,]	-0.9505039019	-0.191928135	0.9234565	NaN	1.5912040
##	[16,]	0.7385515347	-0.578565213	-0.6778187	NaN	-0.6280274
##	[17,]	-0.6807478149	0.103950385	-1.0781375	NaN	1.5912040
##	[18,]	-0.7578513264	-0.981920973	-0.6778187	NaN	1.5912040
##	[19,]	1.8955290200	1.082906476	-0.2774999	NaN	-0.6280274
##	[20,]	-0.5435333013	-1.405929223	0.9234565	NaN	1.5912040
##	[21,]	-0.5293020746	-0.854353217	-1.0781375	NaN	-0.6280274
##	[22,]	-0.6575955208	-1.029407650	1.7240942	NaN	-0.6280274
##	[23,]	1.1663379594	0.980627481	-1.0781375	NaN	-0.6280274
##	[24,]	-1.1195793707	0.697955315	-0.6778187	NaN	-0.6280274
##	[25,]	-0.7525411672	0.391820797	-0.2774999	NaN	-0.6280274
##	[26,]	2.6744231707	-0.502698926	0.5231377	NaN	-0.6280274
##	[27,]	-0.5488434605	-1.353244301	-0.6778187	NaN	1.5912040
##	[28,]	0.0684094443	0.963768306	-1.0781375	NaN	-0.6280274
##	[29,]	0.7954764413	-1.716700014	0.1228189	NaN	-0.6280274
##	[30,]	2.6431994347	1.195441468	0.1228189	NaN	-0.6280274

##	[31,]	-0.8510977218	-1.073803477	0.5231377	NaN	-0.6280274
##	[32,]	-0.0080568481	0.675476415	-0.2774999	NaN	1.5912040
##	[33,]	-0.9126955685	0.253435069	-0.6778187	NaN	-0.6280274
##	[34,]	-0.9381843326	-1.542348047	0.1228189	NaN	-0.6280274
##	[35,]	-0.8942162145	-1.586603381	-0.2774999	NaN	1.5912040
##	[36,]	-0.8194491730	1.069138149	-0.6778187	NaN	-0.6280274
##	[37,]	-0.8113777310	-1.475613813	-0.6778187	NaN	1.5912040
##	[38,]	-0.9534775911	-0.649935721	-0.6778187	NaN	-0.6280274
##	[39,]	-0.6550466444	-0.174366495	2.5247318	NaN	1.5912040
##	[40,]	-0.2393673826	-1.562298070	-0.2774999	NaN	-0.6280274
##	[41,]	-0.9668591923	-0.478112629	-0.6778187	NaN	-0.6280274
##	[42,]	-0.8840207088	0.758929331	-0.6778187	NaN	-0.6280274
##	[43,]	-0.8942162145	-0.527566209	-0.6778187	NaN	-0.6280274
##	[44,]	0.4721939495	-1.592925571	-0.6778187	NaN	-0.6280274
##	[45,]	-0.5293020746	-0.496236242	-0.6778187	NaN	-0.6280274
##	[46,]	2.7702184426	0.276335448	-0.6778187	NaN	-0.6280274
##	[47,]	-0.4109917278	-0.601184606	-1.0781375	NaN	-0.6280274
##	[48,]	-0.7393719724	-0.574069433	0.5231377	NaN	-0.6280274
##	[49,]	-0.1552544609	0.861489312	0.5231377	NaN	1.5912040
##	[50,]	-0.8993139673	-1.323600252	-0.6778187	NaN	-0.6280274
##	[51,]	-0.2383053508	0.699781725	2.5247318	NaN	1.5912040
##	[52,]	-0.6503737043	-0.440319979	-0.6778187	NaN	1.5912040
##	[53,]	-0.2227996859	-1.447655681	0.9234565	NaN	1.5912040
##	[54,]	0.7181605234	-0.844518698	-0.2774999	NaN	1.5912040
##	[55,]	-0.4982907449	1.000717998	1.7240942	NaN	1.5912040
##	[56,]	1.4773008819	0.117016245	-0.6778187	NaN	1.5912040
##	[57,]	0.5450493337	-0.461112961	-0.6778187	NaN	-0.6280274
##	[58,]	-0.5286648555	0.237278360	0.1228189	NaN	1.5912040
##	[59,]	-0.1248803504	-0.672274127	0.1228189	NaN	-0.6280274
##	[60,]	-0.1083126537	-1.633106605	-0.6778187	NaN	-0.6280274
##	[61,]	-0.0724159775	-0.482748903	-0.6778187	NaN	1.5912040
##	[62,]	-0.8702142949	-1.244362130	-0.6778187	NaN	-0.6280274
##	[63,]	2.5992313165	0.335483054	0.9234565	NaN	1.5912040
##	[64,]	0.2408834150	-1.680171802	1.7240942	NaN	-0.6280274
##	[65,]	0.7631906734	-0.858568010	-0.6778187	NaN	-0.6280274
##	[66,]	1.7530043473	0.761036728	-0.2774999	NaN	1.5912040
##	[67,]	-0.0008350316	1.172119610	-0.6778187	NaN	-0.6280274
##	[68,]	0.6841755046	0.628551711	-0.2774999	NaN	-0.6280274
##	[69,]	-0.9152444449	-1.186478963	0.5231377	NaN	-0.6280274
##	[70,]	-0.6616312418	1.048626153	-1.0781375	NaN	1.5912040
##	[71,]	-0.2187639649	1.454791776	1.7240942	NaN	-0.6280274
##	[72,]	-0.8071296037	-1.314608692	-1.0781375	NaN	-0.6280274
##	[73,]	-0.8500356900	0.626865794	-0.6778187	NaN	-0.6280274
##	[74,]	-0.0600964082	-0.978830125	-0.6778187	NaN	-0.6280274
##	[75,]	-0.7359734705	1.080237106	0.1228189	NaN	-0.6280274
##	[76,]	-0.4415782447	0.894786182	-0.6778187	NaN	-0.6280274
##	[77,]	-0.4653677579	1.222697134	-1.0781375	NaN	-0.6280274
##	[78,]	1.4320583255	0.105917289	0.5231377	NaN	1.5912040
##	[79,]	1.5210565936	1.537682719	0.5231377	NaN	-0.6280274
##	[80,]	-0.3147716432	-0.546251795	2.1244130	NaN	1.5912040
##	[81,]	-0.2924689745	0.236716387	-0.6778187	NaN	1.5912040
##	[82,]	-0.7739942103	1.680985706	-0.6778187	NaN	-0.6280274
##	[83,]	0.7935647840	0.530908990	0.1228189	NaN	-0.6280274
##	[84,]	-0.2493504819	0.197237819	1.7240942	NaN	1.5912040

##	[85,]	-0.4626064751	0.480893438	-0.6778187	NaN	-0.6280274
##	[86,]	0.1608062143	1.037527196	0.5231377	NaN	-0.6280274
##	[87,]	-0.8880564298	-0.673679059	0.1228189	NaN	-0.6280274
##	[88,]	-0.9405208027	0.619841138	0.1228189	NaN	-0.6280274
##	[89,]	-0.4993527768	0.213113543	-0.6778187	NaN	-0.6280274
##	[90,]	0.6618728359	-0.100748097	-0.6778187	NaN	-0.6280274
##	[91,]	1.4868591684	-0.027832166	-0.6778187	NaN	-0.6280274
##	[92,]	-0.2255609687	-0.827519030	-1.0781375	NaN	1.5912040
##	[93,]	-0.2748392460	0.765251521	-0.6778187	NaN	1.5912040
##	[94,]	0.8857491476	-1.569463220	-0.2774999	NaN	1.5912040
##	[95,]	-0.3171081132	1.403230799	-0.6778187	NaN	-0.6280274
##	[96,]	1.4966298613	1.361082862	2.5247318	NaN	-0.6280274
##	[97,]	-0.3194445832	0.450406430	-1.0781375	NaN	-0.6280274
##	[98,]	-0.4846967374	-0.765702055	-0.6778187	NaN	-0.6280274
##	[99,]	1.5652371181	1.418404057	-1.0781375	NaN	-0.6280274
##	[100,]	-0.9475302128	1.507476697	0.5231377	NaN	-0.6280274
##	[101,]	-0.9409456154	1.311488789	0.5231377	NaN	1.5912040
##	[102,]	-0.7533907926	0.121512025	-0.6778187	NaN	-0.6280274
##	[103,]	-0.7597629837	0.768482863	-0.6778187	NaN	1.5912040
##	[104,]	-0.3598017931	-0.257257438	-0.6778187	NaN	-0.6280274
##	[105,]	-0.2846099389	0.215923405	0.9234565	NaN	-0.6280274
##	[106,]	2.6213215788	1.068997656	2.5247318	NaN	-0.6280274
##	[107,]	2.4785844996	-0.640382188	0.1228189	NaN	1.5912040
##	[108,]	-0.1612018392	1.776661524	-0.6778187	NaN	1.5912040
##	[109,]	-0.7676220193	1.767950950	-0.6778187	NaN	-0.6280274
##	[110,]	-0.7714453339	1.330736347	-0.6778187	NaN	-0.6280274
##	[111,]	0.2083852407	1.613268020	0.1228189	NaN	-0.6280274
##	[112,]	-0.0911077379	1.204573521	-0.6778187	NaN	1.5912040
##	[113,]	2.2993135252	-0.062112488	-0.2774999	NaN	1.5912040
##	[114,]	-0.7920487516	-0.148375267	-1.0781375	NaN	-0.6280274
##	[115,]	-0.4243733289	0.096504249	1.3237753	NaN	-0.6280274
##	[116,]	0.1964904841	0.027100646	-0.2774999	NaN	-0.6280274
##	[117,]	1.0892344479	-1.222023723	-0.2774999	NaN	-0.6280274
##	[118,]	0.6871491937	1.213705574	-1.0781375	NaN	-0.6280274
##	[119,]	-0.7790919631	-1.651089725	0.9234565	NaN	-0.6280274
##	[120,]	2.2209355755	0.727880350	-0.6778187	NaN	1.5912040
##	[121,]	-0.8262461768	1.123508988	-0.6778187	NaN	-0.6280274
##	[122,]	-0.0758144794	0.163940949	-1.0781375	NaN	-0.6280274
##	[123,]	-0.3270912125	-1.377268625	2.5247318	NaN	1.5912040
##	[124,]	2.7685191917	-1.103026047	1.7240942	NaN	-0.6280274
##	[125,]	-0.0702919138	0.902794290	0.5231377	NaN	1.5912040
##	[126,]	-0.8782857369	1.262597182	-0.6778187	NaN	-0.6280274
##	[127,]	0.8090704488	-1.524083940	-0.6778187	NaN	-0.6280274
##	[128,]	-1.0254833498	1.757132979	-0.6778187	NaN	1.5912040
##	[129,]	-0.8453627499	0.700484191	-1.0781375	NaN	-0.6280274
##	[130,]	0.0136086014	-1.231296269	-0.6778187	NaN	-0.6280274
##	[131,]	-0.3746702389	0.249641755	0.5231377	NaN	-0.6280274
##	[132,]	0.5745738188	-1.077315805	0.5231377	NaN	-0.6280274
##	[133,]	-0.4129033851	1.471650951	0.1228189	NaN	1.5912040
##	[134,]	0.3581317300	0.966999648	0.1228189	NaN	1.5912040
##	[135,]	-0.7563644818	-0.758255919	-0.6778187	NaN	-0.6280274
##	[136,]	-0.3317641526	-1.614842499	1.3237753	NaN	-0.6280274
##	[137,]	0.8808638011	1.522509462	-0.2774999	NaN	-0.6280274
##	[138,]	-0.1276416331	0.038902068	0.5231377	NaN	-0.6280274

##	[139,]	0.4537145955	1.478254128	-0.2774999	NaN	-0.6280274
##	[140,]	-0.0331207995	-0.046517751	-1.0781375	NaN	1.5912040
##	[141,]	-0.4891572711	-0.574490913	1.7240942	NaN	-0.6280274
##	[142,]	-0.6480372342	-0.640803667	0.9234565	NaN	-0.6280274
##	[143,]	-0.4643057261	-1.687477444	0.1228189	NaN	1.5912040
##	[144,]	-0.8222104558	1.348297987	-0.6778187	NaN	-0.6280274
##	[145,]	-0.3897510910	1.194036537	-1.0781375	NaN	-0.6280274
##	[146,]	-0.7007140134	-0.547656726	0.9234565	NaN	-0.6280274
##	[147,]	-0.8035186954	-0.442708362	-1.0781375	NaN	-0.6280274
##	[148,]	2.2680897891	-0.200217229	0.5231377	NaN	-0.6280274
##	[149,]	-0.9058985647	-1.032919978	-0.2774999	NaN	-0.6280274
##	[150,]	-1.0662653724	0.251327672	-0.6778187	NaN	-0.6280274
##	[151,]	-0.1907263244	-0.816139087	-0.6778187	NaN	-0.6280274
##	[152,]	0.1682404372	-0.403791767	-0.6778187	NaN	-0.6280274
##	[153,]	-0.8914549317	0.243600550	-0.2774999	NaN	1.5912040
##	[154,]	-0.8825338643	-0.479377068	2.1244130	NaN	-0.6280274
##	[155,]	0.5299684815	0.179254700	-0.6778187	NaN	-0.6280274
##	[156,]	-0.4638809133	1.681688172	-0.6778187	NaN	-0.6280274
##	[157,]	-0.0787881685	-0.046377258	-0.2774999	NaN	-0.6280274
##	[158,]	-0.6705523092	-0.342817751	0.5231377	NaN	1.5912040
##	[159,]	0.9244071065	-0.809395417	1.7240942	NaN	-0.6280274
##	[160,]	-0.9073854093	-0.421353407	1.3237753	NaN	-0.6280274
##	[161,]	-0.8878440234	-0.326099069	-0.6778187	NaN	-0.6280274
##	[162,]	-0.9513535274	-1.172148664	1.3237753	NaN	-0.6280274
##	[163,]	-0.8050055400	-1.073522491	-0.6778187	NaN	-0.6280274
##	[164,]	0.6236396897	1.276927480	0.1228189	NaN	1.5912040
##	[165,]	-0.8362292761	1.547236252	-0.6778187	NaN	1.5912040
##	[166,]	2.8511452687	0.384936634	0.1228189	NaN	-0.6280274
##	[167,]	-0.8606560084	-1.363359806	0.5231377	NaN	-0.6280274
##	[168,]	0.6193915624	-0.879501486	-0.2774999	NaN	-0.6280274
##	[169,]	0.4636976948	-0.194316518	0.5231377	NaN	-0.6280274
##	[170,]	-0.7359734705	-0.264563080	0.1228189	NaN	-0.6280274
##	[171,]	-0.7317253431	-0.133342502	-1.0781375	NaN	1.5912040
##	[172,]	-0.8874192107	0.937917571	-1.0781375	NaN	-0.6280274
##	[173,]	-0.9377595199	0.105214823	0.5231377	NaN	-0.6280274
##	[174,]	-0.7287516540	-0.463782331	-0.6778187	NaN	-0.6280274
##	[175,]	-0.3179577387	-1.123116563	0.5231377	NaN	1.5912040
##	[176,]	-0.4770501081	-0.052558956	0.5231377	NaN	1.5912040
##	[177,]	-0.8502480963	-0.533607414	-1.0781375	NaN	-0.6280274
##	[178,]	-1.1471921985	-0.712595654	-0.6778187	NaN	-0.6280274
##	[179,]	0.8390197467	-1.710658810	-0.6778187	NaN	-0.6280274
##	[180,]	-0.8952782463	-1.123116563	-0.6778187	NaN	-0.6280274
##	[181,]	-0.5467193968	-1.029688636	2.1244130	NaN	1.5912040
##	[182,]	-0.8903928999	-1.208536383	-0.2774999	NaN	-0.6280274
##	[183,]	-0.7143080210	1.041741990	-0.6778187	NaN	1.5912040
##	[184,]	-0.5974845187	-1.529703665	-0.2774999	NaN	-0.6280274
##	[185,]	-0.4360556792	1.677051899	-0.6778187	NaN	-0.6280274
##	[186,]	-0.7958720662	-1.354368246	-0.6778187	NaN	-0.6280274
##	[187,]	2.6614663823	-1.097827801	-0.6778187	NaN	-0.6280274
##	[188,]	2.5954080019	-0.136854830	2.1244130	NaN	-0.6280274
##	[189,]	0.6465795775	-0.033592384	-0.6778187	NaN	-0.6280274
##	[190,]	1.5359250394	-1.000466066	0.1228189	NaN	-0.6280274
##	[191,]	2.8666509336	-1.213172656	-1.0781375	NaN	-0.6280274
##	[192,]	-0.8971899036	-0.355743118	-0.6778187	NaN	-0.6280274

##	[193,]	-0.1246679440	0.166329332	0.1228189	NaN	1.5912040
##	[194,]	-0.9375471135	-1.276394562	0.5231377	NaN	-0.6280274
##	[195,]	2.1854637121	0.863877695	2.5247318	NaN	-0.6280274
##	[196,]	-0.6242477210	1.217217902	-0.6778187	NaN	1.5912040
##	[197,]	-0.4413658384	0.235030470	0.9234565	NaN	-0.6280274
##	[198,]	-0.2629444894	0.298673855	-0.2774999	NaN	-0.6280274
##	[199,]	0.0106349123	-0.991053027	2.5247318	NaN	-0.6280274
##	[200,]	-0.0513877471	-1.422928891	0.1228189	NaN	-0.6280274
##	[201,]	-0.4683414471	-0.651059666	0.9234565	NaN	-0.6280274
##	[202,]	0.0639489106	1.331860292	-0.6778187	NaN	1.5912040
##	[203,]	-0.5709337227	-1.171867678	-0.6778187	NaN	1.5912040
##	[204,]	-0.7990581617	0.310475278	2.1244130	NaN	1.5912040
##	[205,]	0.0361236764	-0.415733682	1.7240942	NaN	1.5912040
##	[206,]	0.2413082277	1.434701259	-0.6778187	NaN	-0.6280274
##	[207,]	-0.8867819916	-0.269901819	-0.6778187	NaN	1.5912040
##	[208,]	-0.9239531060	-0.928674079	-0.6778187	NaN	-0.6280274
##	[209,]	-0.3455705665	-0.009989539	2.5247318	NaN	-0.6280274
##	[210,]	0.6145062159	-0.273273654	1.7240942	NaN	-0.6280274
##	[211,]	0.8277622092	1.615515910	-0.6778187	NaN	-0.6280274
##	[212,]	0.4186675448	0.928926011	-0.6778187	NaN	-0.6280274
##	[213,]	0.7387639411	-0.196283422	-0.6778187	NaN	-0.6280274
##	[214,]	1.2716915179	0.199907189	0.9234565	NaN	-0.6280274
##	[215,]	-0.8169002966	-0.808833444	0.9234565	NaN	1.5912040
##	[216,]	1.5055509288	0.050703491	0.1228189	NaN	1.5912040
##	[217,]	0.0410090229	1.215812971	0.9234565	NaN	-0.6280274
##	[218,]	-0.9441317109	0.764830042	-1.0781375	NaN	-0.6280274
##	[219,]	0.5017184346	0.355011598	1.3237753	NaN	-0.6280274
##	[220,]	-0.1195701912	0.379035922	-0.2774999	NaN	-0.6280274
##	[221,]	-0.1250927567	-0.613688494	2.1244130	NaN	-0.6280274
##	[222,]	-0.8243345195	-0.149639705	1.3237753	NaN	-0.6280274
##	[223,]	1.2069075757	-0.598093758	-0.6778187	NaN	1.5912040
##	[224,]	0.8721551400	-0.655555446	-1.0781375	NaN	-0.6280274
##	[225,]	-0.4583583478	-1.395392239	-1.0781375	NaN	-0.6280274
##	[226,]	-0.9188553531	-0.822882757	0.1228189	NaN	-0.6280274
##	[227,]	-0.7880130306	-1.654180574	0.5231377	NaN	-0.6280274
##	[228,]	0.3005696043	-1.083778489	-0.6778187	NaN	-0.6280274
##	[229,]	0.4855755507	-0.732967157	-0.6778187	NaN	-0.6280274
##	[230,]	-0.8738252032	0.091025017	-0.6778187	NaN	1.5912040
##	[231,]	-0.6990147625	-1.547265306	1.7240942	NaN	-0.6280274
##	[232,]	2.7037352495	-1.317840034	-0.6778187	NaN	-0.6280274
##	[233,]	-0.8997387800	1.593739476	2.1244130	NaN	-0.6280274
##	[234,]	2.7642710643	1.377520557	0.1228189	NaN	-0.6280274
##	[235,]	-0.8638421039	1.100889595	0.9234565	NaN	1.5912040
##	[236,]	2.0308318763	-0.922913861	0.9234565	NaN	1.5912040
##	[237,]	-0.8062799782	1.010973996	1.7240942	NaN	-0.6280274
##	[238,]	2.6689006052	0.943677789	-0.6778187	NaN	1.5912040
##	[239,]	-0.5462945840	0.938058064	-0.2774999	NaN	-0.6280274
##	[240,]	-0.5889882640	-0.666232923	-1.0781375	NaN	1.5912040
##	[241,]	-0.9071730029	0.155089882	1.7240942	NaN	-0.6280274
##	[242,]	-0.4328695836	-0.315281098	-1.0781375	NaN	-0.6280274
##	[243,]	-0.7287516540	0.781689217	-0.2774999	NaN	-0.6280274
##	[244,]	-0.6762872811	1.423742795	-0.6778187	NaN	-0.6280274
##	[245,]	2.6973630584	0.232782580	-1.0781375	NaN	-0.6280274
##	[246,]	1.5233930637	-0.111004095	2.5247318	NaN	-0.6280274

##	[247,]	-0.7629490792	0.065033789	-0.6778187	NaN	-0.6280274
##	[248,]	-0.1159592829	1.316968021	1.3237753	NaN	-0.6280274
##	[249,]	-0.5486310541	0.615907330	-0.2774999	NaN	-0.6280274
##	[250,]	-0.0146414455	-1.291848806	0.5231377	NaN	-0.6280274
##	[251,]	0.7529951677	1.160458680	1.3237753	NaN	-0.6280274
##	[252,]	0.9420368350	-1.108926758	-1.0781375	NaN	-0.6280274
##	[253,]	-0.8842331152	1.174507993	-0.6778187	NaN	-0.6280274
##	[254,]	0.0089356614	1.222697134	0.1228189	NaN	1.5912040
##	[255,]	0.0909245193	-0.503120406	-0.2774999	NaN	-0.6280274
##	[256,]	-0.3408976264	-0.956491718	-1.0781375	NaN	-0.6280274
##	[257,]	-0.8304943041	-0.885964170	-1.0781375	NaN	1.5912040
##	[258,]	2.7470661485	-1.175099019	-1.0781375	NaN	-0.6280274
##	[259,]	-0.8028814763	1.252903156	-0.6778187	NaN	-0.6280274
##	[260,]	-0.6423022623	-0.373866731	-1.0781375	NaN	-0.6280274
##	[261,]	-0.7878006242	1.650639191	-0.6778187	NaN	-0.6280274
##	[262,]	-0.2663429913	0.754293058	0.1228189	NaN	-0.6280274
##	[263,]	-0.9190677595	0.762020179	0.5231377	NaN	-0.6280274
##	[264,]	2.2024562215	0.093272907	0.1228189	NaN	1.5912040
##	[265,]	-0.6410278241	0.087372196	-0.2774999	NaN	-0.6280274
##	[266,]	0.0299638918	-1.492894467	-0.2774999	NaN	-0.6280274
##	[267,]	-0.1956116708	0.013332320	-1.0781375	NaN	-0.6280274
##	[268,]	-0.5316385447	0.571932982	-0.6778187	NaN	-0.6280274
##	[269,]	1.4853723238	-0.957053690	-1.0781375	NaN	1.5912040
##	[270,]	-0.6994395752	0.834233645	-1.0781375	NaN	-0.6280274
##	[271,]	2.6640152587	0.649766173	-1.0781375	NaN	1.5912040
##	[272,]	1.1355390361	-0.568309215	-0.6778187	NaN	1.5912040
##	[273,]	-0.9415828345	-1.643784082	-0.6778187	NaN	-0.6280274
##	[274,]	-0.0001978125	1.195862948	0.5231377	NaN	-0.6280274
##	[275,]	-0.6951914479	-0.531359524	-0.6778187	NaN	-0.6280274
##	[276,]	1.5080998052	-0.370354403	-0.2774999	NaN	1.5912040
##	[277,]	1.1667627722	0.672526059	1.7240942	NaN	-0.6280274
##	[278,]	-0.1907263244	0.685310934	-0.6778187	NaN	1.5912040
##	[279,]	-0.0225004811	1.749686844	-0.6778187	NaN	-0.6280274
##	[280,]	2.6850434891	0.211006146	0.1228189	NaN	-0.6280274
##	[281,]	2.3536895554	0.941710886	0.1228189	NaN	1.5912040
##	[282,]	-0.3389859691	1.435684711	-0.6778187	NaN	-0.6280274
##	[283,]	-0.4139654169	0.835498084	-0.6778187	NaN	-0.6280274
##	[284,]	-0.2310835342	0.233063566	0.1228189	NaN	1.5912040
##	[285,]	-0.3742454261	1.181392156	-0.6778187	NaN	1.5912040
##	[286,]	-0.9320245479	0.220278692	-0.6778187	NaN	-0.6280274
##	[287,]	-0.7098474872	0.787730421	0.1228189	NaN	1.5912040
##	[288,]	-0.1609894329	0.644286941	2.5247318	NaN	-0.6280274
##	[289,]	-0.8772237051	-0.018700113	-0.2774999	NaN	1.5912040
##	[290,]	-0.6781989384	-1.380359474	-0.6778187	NaN	-0.6280274
##	[291,]	2.5833008389	1.584888409	2.5247318	NaN	1.5912040
##	[292,]	-0.4286214563	1.681969158	0.5231377	NaN	-0.6280274
##	[293,]	-0.7888626561	-1.461704993	-0.6778187	NaN	-0.6280274
##	[294,]	-0.1433597043	-0.823725715	-0.6778187	NaN	1.5912040
##	[295,]	-0.8872068043	-0.407725574	-0.6778187	NaN	1.5912040
##	[296,]	1.4915321085	0.077397184	0.9234565	NaN	-0.6280274
##	[297,]	-1.0796469736	1.534170391	-0.6778187	NaN	-0.6280274
##	[298,]	0.3222350538	-1.294377682	-1.0781375	NaN	-0.6280274
##	[299,]	-0.5979093314	-1.010300585	0.5231377	NaN	-0.6280274
##	[300,]	-0.2168523076	0.282095667	0.9234565	NaN	-0.6280274

##	[301,]	2.0204239643	0.222386089	-0.6778187	NaN	-0.6280274
##	[302,]	-1.1263763745	-0.644737475	-0.6778187	NaN	-0.6280274
##	[303,]	-0.1788315678	-1.333153784	-1.0781375	NaN	-0.6280274
##	[304,]	0.0904997066	-0.291116281	0.5231377	NaN	-0.6280274
##	[305,]	0.6605983977	-0.473616849	-1.0781375	NaN	-0.6280274
##	[306,]	-0.1760702850	-1.037696744	1.7240942	NaN	-0.6280274
##	[307,]	-0.2164274949	0.375383101	-0.6778187	NaN	-0.6280274
##	[308,]	1.1805691861	1.741257256	0.1228189	NaN	-0.6280274
##	[309,]	-0.1790439741	0.385358113	-0.2774999	NaN	1.5912040
##	[310,]	-0.3572529167	-0.595143402	-1.0781375	NaN	1.5912040
##	[311,]	-0.0197391983	0.492975846	0.1228189	NaN	-0.6280274
##	[312,]	-0.2746268396	0.842241753	-0.6778187	NaN	-0.6280274
##	[313,]	-0.8088288546	-0.922492382	-1.0781375	NaN	1.5912040
##	[314,]	1.1416988208	1.271588742	1.3237753	NaN	-0.6280274
##	[315,]	2.2440878696	-1.258551935	-0.6778187	NaN	1.5912040
##	[316,]	-0.8598063829	-0.511128514	-1.0781375	NaN	-0.6280274
##	[317,]	1.5847785040	0.491289929	1.7240942	NaN	1.5912040
##	[318,]	-0.3317641526	0.482438862	-0.2774999	NaN	-0.6280274
##	[319,]	-0.8549210364	0.930752422	-0.6778187	NaN	1.5912040
##	[320,]	-0.2708035250	1.448610078	-0.6778187	NaN	1.5912040
##	[321,]	-0.4301083009	-1.274427658	-0.6778187	NaN	1.5912040
##	[322,]	0.2217668419	-1.007350229	0.5231377	NaN	-0.6280274
##	[323,]	-0.3075498266	-0.527706702	1.7240942	NaN	-0.6280274
##	[324,]	-0.6454883578	1.464485801	0.9234565	NaN	1.5912040
##	[325,]	-0.1546172418	-0.334247670	-0.6778187	NaN	-0.6280274
##	[326,]	0.5182861313	-0.039212109	-0.6778187	NaN	-0.6280274
##	[327,]	2.7122315042	0.959272526	-0.6778187	NaN	-0.6280274
##	[328,]	-0.2686794613	0.486794149	0.5231377	NaN	1.5912040
##	[329,]	-0.3867774018	-1.404383798	0.1228189	NaN	-0.6280274
##	[330,]	2.5057725147	0.289682295	0.5231377	NaN	-0.6280274
##	[331,]	-0.2646437404	-1.136041931	-0.6778187	NaN	-0.6280274
##	[332,]	-0.0326959867	1.094988884	-1.0781375	NaN	1.5912040
##	[333,]	-0.3470574111	0.361333789	0.1228189	NaN	-0.6280274
##	[334,]	0.7396135665	-0.709645298	2.1244130	NaN	-0.6280274
##	[335,]	-0.5959976741	-0.707397408	2.5247318	NaN	-0.6280274
##	[336,]	0.2026502688	-0.146127377	-0.2774999	NaN	1.5912040
##	[337,]	-0.9311749225	-1.342285838	-0.6778187	NaN	1.5912040
##	[338,]	-0.5352494529	-0.940194516	-1.0781375	NaN	-0.6280274
##	[339,]	-0.0817618577	-1.247874458	-0.6778187	NaN	-0.6280274
##	[340,]	-0.0613708464	-1.531108597	-0.6778187	NaN	-0.6280274
##	[341,]	-0.0331207995	1.245316527	1.7240942	NaN	-0.6280274
##	[342,]	1.0635332774	0.192320560	-1.0781375	NaN	1.5912040
##	[343,]	0.1359546693	1.601607091	-0.6778187	NaN	1.5912040
##	[344,]	0.3749118331	-0.343801203	-0.6778187	NaN	1.5912040
##	[345,]	0.3381655314	0.555073807	-1.0781375	NaN	-0.6280274
##	[346,]	-0.7644359238	0.249922741	-0.6778187	NaN	-0.6280274
##	[347,]	-0.1000288053	-0.590507129	1.3237753	NaN	1.5912040
##	[348,]	-0.7491426653	1.606945829	0.1228189	NaN	-0.6280274
##	[349,]	2.0155386178	0.223088554	-0.2774999	NaN	-0.6280274
##	[350,]	-0.3937868120	0.367374993	-0.6778187	NaN	-0.6280274
##	[351,]	-0.8086164483	1.363330752	-1.0781375	NaN	1.5912040
##	[352,]	-0.8778609242	-1.455101816	-0.6778187	NaN	-0.6280274
##	[353,]	1.2746652070	1.357851520	0.1228189	NaN	-0.6280274
##	[354,]	-0.1123483747	0.377630991	0.5231377	NaN	1.5912040

##	[355,]	-0.3753074580	-1.158239845	1.7240942	NaN	1.5912040
##	[356,]	-0.2563598920	0.820886799	-0.6778187	NaN	-0.6280274
##	[357,]	0.0590635642	0.388448962	0.1228189	NaN	-0.6280274
##	[358,]	-0.9194925722	-0.725380528	-0.6778187	NaN	1.5912040
##	[359,]	0.0318755491	0.135280352	0.5231377	NaN	-0.6280274
##	[360,]	0.6788653454	-0.992879437	0.5231377	NaN	-0.6280274
##	[361,]	0.0535409986	-1.594049516	-0.2774999	NaN	-0.6280274
##	[362,]	-0.9112087239	1.149500216	0.1228189	NaN	1.5912040
##	[363,]	-0.8268833959	-1.610346719	-0.6778187	NaN	-0.6280274
##	[364,]	-0.7756934613	-0.725380528	-0.6778187	NaN	1.5912040
##	[365,]	-0.6480372342	0.470637439	1.3237753	NaN	-0.6280274
##	[366,]	-0.2644313340	0.243179071	-0.2774999	NaN	-0.6280274
##	[367,]	0.6057975548	-0.668059334	-0.6778187	NaN	-0.6280274
##	[368,]	0.8481532205	-1.623834059	1.3237753	NaN	-0.6280274
##	[369,]	-0.0261113893	-1.152479626	-0.2774999	NaN	1.5912040
##	[370,]	-0.8169002966	-0.950029034	-1.0781375	NaN	1.5912040
##	[371,]	-0.8043683209	1.560723592	-0.6778187	NaN	-0.6280274
##	[372,]	-0.9137576003	0.541586467	2.5247318	NaN	-0.6280274
##	[373,]	0.0078736295	0.713831038	2.5247318	NaN	-0.6280274
##	[374,]	-0.5707213163	0.501264941	-0.6778187	NaN	-0.6280274
##	[375,]	-0.2654933658	0.904339714	-0.6778187	NaN	-0.6280274
##	[376,]	0.9477718070	-0.315702578	2.1244130	NaN	-0.6280274
##	[377,]	-0.3328261844	0.077116198	0.5231377	NaN	-0.6280274
##	[378,]	-0.8411146225	-0.343520216	0.5231377	NaN	-0.6280274
##	[379,]	-0.2546606411	-1.357318602	2.1244130	NaN	1.5912040
##	[380,]	2.1572136652	1.256696470	-0.2774999	NaN	1.5912040
##	[381,]	-0.4764128890	-1.179875786	-0.6778187	NaN	1.5912040
##	[382,]	-0.8553458492	0.438464514	-0.6778187	NaN	-0.6280274
##	[383,]	-0.7223794629	-1.086166872	-1.0781375	NaN	-0.6280274
##	[384,]	-0.9046241265	1.422759343	-0.6778187	NaN	-0.6280274
##	[385,]	0.2321747539	-1.475754306	-0.6778187	NaN	-0.6280274
##	[386,]	-0.8959154654	-1.529422679	2.5247318	NaN	1.5912040
##	[387,]	-0.7368230959	1.770339333	-0.6778187	NaN	-0.6280274
##	[388,]	-0.1673616239	1.157648818	1.7240942	NaN	-0.6280274
##	[389,]	-0.8341052124	0.867811502	0.1228189	NaN	-0.6280274
##	[390,]	-0.4897944902	0.956743650	-0.2774999	NaN	1.5912040
##	[391,]	1.6637936728	-1.400449991	-0.6778187	NaN	-0.6280274
##	[392,]	-0.6488868597	-0.123226997	1.3237753	NaN	-0.6280274
##	[393,]	2.7406939575	-0.815436621	0.5231377	NaN	-0.6280274
##	[394,]	0.0074488168	-0.221010212	2.5247318	NaN	-0.6280274
##	[395,]	-0.4666421961	-1.427003192	-0.6778187	NaN	-0.6280274
##	[396,]	-0.9016504374	0.129941613	1.7240942	NaN	-0.6280274
##	[397,]	-0.4207624207	-1.698014428	0.5231377	NaN	1.5912040
##	[398,]	-0.4281966436	-0.312330743	-0.6778187	NaN	1.5912040
##	[399,]	-0.4362680855	1.342116290	0.1228189	NaN	1.5912040
##	[400,]	-0.9101466921	0.264112547	-0.6778187	NaN	-0.6280274
##	[401,]	2.6963010266	-0.857022586	-0.6778187	NaN	1.5912040
##	[402,]	1.4250489154	0.553949862	2.5247318	NaN	-0.6280274
##	[403,]	0.0157326651	0.736871910	-1.0781375	NaN	-0.6280274
##	[404,]	0.4012502227	0.737995855	-0.6778187	NaN	-0.6280274
##	[405,]	-0.4131157914	-0.109318178	-0.6778187	NaN	-0.6280274
##	[406,]	-0.5250539473	-0.690819220	0.9234565	NaN	-0.6280274
##	[407,]	0.3114023291	0.744037060	-0.2774999	NaN	1.5912040
##	[408,]	-0.8175375157	-0.654431501	0.1228189	NaN	-0.6280274

##	[409,]	2.1351234029	-0.562408504	-0.2774999	NaN	-0.6280274
##	[410,]	-0.4135406042	-0.194035532	-0.2774999	NaN	-0.6280274
##	[411,]	-0.0874968296	1.472353416	-0.2774999	NaN	-0.6280274
##	[412,]	2.7746789763	-1.469432115	0.9234565	NaN	-0.6280274
##	[413,]	-0.3595893868	1.686043459	-0.2774999	NaN	-0.6280274
##	[414,]	-0.4205500143	-1.394689773	-1.0781375	NaN	-0.6280274
##	[415,]	-0.7011388262	1.076022312	-0.6778187	NaN	1.5912040
##	[416,]	-0.8818966451	-0.289430363	-1.0781375	NaN	-0.6280274
##	[417,]	-1.0197483778	-0.310082853	-0.6778187	NaN	1.5912040
##	[418,]	2.4507592654	-0.181391151	-1.0781375	NaN	-0.6280274
##	[419,]	-0.7682592384	-1.584917463	-0.6778187	NaN	-0.6280274
##	[420,]	-0.9358478626	0.340119327	0.5231377	NaN	-0.6280274
##	[421,]	1.1538059837	1.013362379	-0.6778187	NaN	-0.6280274
##	[422,]	-0.8404774034	0.560131560	0.9234565	NaN	-0.6280274
##	[423,]	-0.8366540888	0.579379118	-0.6778187	NaN	-0.6280274
##	[424,]	0.4054983500	-1.604867487	-1.0781375	NaN	-0.6280274
##	[425,]	1.6174890846	1.094286419	0.1228189	NaN	-0.6280274
##	[426,]	2.2394149295	-0.702339656	-1.0781375	NaN	-0.6280274
##	[427,]	-0.8366540888	-1.002011490	-1.0781375	NaN	-0.6280274
##	[428,]	0.7992997559	-1.611189678	0.5231377	NaN	-0.6280274
##	[429,]	-0.3043637311	-0.972788920	0.9234565	NaN	-0.6280274
##	[430,]	2.4125261192	-1.689444348	1.3237753	NaN	-0.6280274
##	[431,]	-0.4827850801	0.690087700	-1.0781375	NaN	-0.6280274
##	[432,]	-0.5783679456	1.280580302	1.7240942	NaN	-0.6280274
##	[433,]	-0.7933231898	-0.828502482	0.1228189	NaN	-0.6280274
##	[434,]	0.5454741464	-0.386370619	-0.2774999	NaN	1.5912040
##	[435,]	0.8804389884	0.011365416	-0.6778187	NaN	-0.6280274
##	[436,]	1.5095866498	1.447907613	1.7240942	NaN	1.5912040
##	[437,]	-0.6573831144	-1.068886217	1.7240942	NaN	-0.6280274
##	[438,]	-0.7476558207	0.573899886	-1.0781375	NaN	-0.6280274
##	[439,]	0.2398213831	-0.002543403	0.5231377	NaN	1.5912040
##	[440,]	0.7054161413	1.207523877	0.1228189	NaN	-0.6280274
##	[441,]	0.7321793437	-0.390585413	2.5247318	NaN	1.5912040
##	[442,]	-0.9366974880	-0.709926285	0.5231377	NaN	-0.6280274
##	[443,]	0.7385515347	0.141181063	-0.6778187	NaN	-0.6280274
##	[444,]	-0.5541536197	-0.728330884	0.9234565	NaN	-0.6280274
##	[445,]	-0.5208058199	0.750921223	-0.2774999	NaN	-0.6280274
##	[446,]	2.1945971859	-0.623803999	0.1228189	NaN	-0.6280274
##	[447,]	-0.0579723445	-0.124069956	1.7240942	NaN	-0.6280274
##	[448,]	-0.3793431790	0.610568591	2.5247318	NaN	-0.6280274
##	[449,]	1.4303590746	0.850109368	1.7240942	NaN	-0.6280274
##	[450,]	-0.5836781048	0.500000502	-0.6778187	NaN	-0.6280274
##	[451,]	0.0167946970	-0.838337000	0.5231377	NaN	1.5912040
##	[452,]	0.1918175440	-1.034465402	-0.6778187	NaN	1.5912040
##	[453,]	-0.3606514186	0.261864657	-1.0781375	NaN	-0.6280274
##	[454,]	-0.7990581617	1.193474564	-1.0781375	NaN	1.5912040
##	[455,]	-0.4759880763	1.170574185	0.5231377	NaN	-0.6280274
##	[456,]	2.0563206405	1.161161146	0.5231377	NaN	-0.6280274
##	[457,]	1.0735163767	1.542318992	2.5247318	NaN	-0.6280274
##	[458,]	-0.9823648571	-0.878658527	-0.6778187	NaN	1.5912040
##	[459,]	0.9407623968	-0.413064313	0.1228189	NaN	-0.6280274
##	[460,]	0.0654357552	-1.714171138	-0.2774999	NaN	1.5912040
##	[461,]	-0.4666421961	-1.411408455	0.9234565	NaN	-0.6280274
##	[462,]	-0.3491814747	-1.069869669	-0.6778187	NaN	-0.6280274

##	[463,]	-0.2476512309	0.787870914	-0.6778187	NaN	-0.6280274
##	[464,]	-0.8842331152	1.250374280	-0.6778187	NaN	1.5912040
##	[465,]	0.2098720853	1.339587414	0.5231377	NaN	-0.6280274
##	[466,]	0.8547378179	-0.748702387	0.9234565	NaN	-0.6280274
##	[467,]	2.1436196576	-1.220478299	1.7240942	NaN	-0.6280274
##	[468,]	0.4951338372	1.454510790	-0.6778187	NaN	-0.6280274
##	[469,]	-0.1966737027	1.092179022	0.1228189	NaN	1.5912040
##	[470,]	-0.3814672426	1.348859960	2.1244130	NaN	-0.6280274
##	[471,]	-0.8714887331	-1.233965639	-1.0781375	NaN	-0.6280274
##	[472,]	0.7054161413	1.104401924	0.1228189	NaN	-0.6280274
##	[473,]	-0.0118801627	0.194989929	1.3237753	NaN	-0.6280274
##	[474,]	2.7610849688	-1.712344727	-0.6778187	NaN	1.5912040
##	[475,]	-0.8024566636	1.027973664	-0.6778187	NaN	1.5912040
##	[476,]	-0.0490512771	-0.967309689	-0.6778187	NaN	-0.6280274
##	[477,]	-0.9294756715	-0.732405185	-0.6778187	NaN	-0.6280274
##	[478,]	2.4845318779	-0.887088115	-0.6778187	NaN	-0.6280274
##	[479,]	-0.9360602689	1.694754032	-0.6778187	NaN	-0.6280274
##	[480,]	-0.7682592384	-0.020386030	-0.6778187	NaN	1.5912040
##	[481,]	-0.9494418701	0.022042893	-0.6778187	NaN	-0.6280274
##	[482,]	-0.6119281517	1.191507661	-0.6778187	NaN	1.5912040
##	[483,]	-0.4821478610	-0.393535769	-0.2774999	NaN	-0.6280274
##	[484,]	-0.5993961760	-0.043426903	0.5231377	NaN	-0.6280274
##	[485,]	-0.2215252477	-1.137165876	0.5231377	NaN	-0.6280274
##	[486,]	-0.9167312895	-1.306600584	-1.0781375	NaN	-0.6280274
##	[487,]	0.6582619277	-1.588008312	0.5231377	NaN	1.5912040
##	[488,]	-0.7788795568	-0.359114953	-0.6778187	NaN	-0.6280274
##	[489,]	-0.5127343779	-1.207552931	-0.6778187	NaN	-0.6280274
##	[490,]	2.1504166614	-1.635635481	0.5231377	NaN	1.5912040
##	[491,]	-0.8249717386	0.034827768	0.1228189	NaN	-0.6280274
##	[492,]	-0.1750082532	0.746565936	0.1228189	NaN	1.5912040
##	[493,]	1.8902188609	0.517562143	1.7240942	NaN	-0.6280274
##	[494,]	-0.1100119046	1.767529471	0.5231377	NaN	-0.6280274
##	[495,]	-0.8334679933	-1.601776638	-0.6778187	NaN	1.5912040
##	[496,]	-0.7353362514	0.285607995	-1.0781375	NaN	-0.6280274
##	[497,]	-0.6490992661	1.423321316	-0.6778187	NaN	-0.6280274
##	[498,]	2.7634214388	-0.696157958	0.5231377	NaN	1.5912040
##	[499,]	-0.7922611579	-0.304603621	-1.0781375	NaN	-0.6280274
##	[500,]	0.1276708209	0.859522408	-1.0781375	NaN	-0.6280274
##	[501,]	-0.0384309587	0.530487510	-0.6778187	NaN	1.5912040
##	[502,]	-0.9388215517	1.171698130	-0.6778187	NaN	-0.6280274
##	[503,]	0.3989137526	-0.956210732	1.7240942	NaN	-0.6280274
##	[504,]	-0.8096784801	-0.934715284	-0.6778187	NaN	-0.6280274
##	[505,]	-0.4708903235	-1.219916326	-0.2774999	NaN	-0.6280274
##	[506,]	-0.8164754839	0.484124779	-0.6778187	NaN	1.5912040
##	[507,]	0.6225776579	-0.661315664	-0.6778187	NaN	-0.6280274
##	[508,]	-0.2000722045	-1.520993092	-0.6778187	NaN	-0.6280274
##	[509,]	0.0303887045	0.710178217	-0.6778187	NaN	-0.6280274
##	[510,]	0.2595751753	-1.261361798	0.1228189	NaN	-0.6280274
##	[511,]	0.8967942787	-1.065514382	-0.2774999	NaN	-0.6280274
##	[512,]	0.4978951200	-0.053261421	-0.2774999	NaN	1.5912040
##	[513,]	-0.9468929937	0.120950053	-1.0781375	NaN	-0.6280274
##	[514,]	-1.1669459907	1.782281249	-0.6778187	NaN	1.5912040
##	[515,]	-0.6701274965	-1.566372371	-0.6778187	NaN	1.5912040
##	[516,]	-1.1091714587	0.363441186	-0.6778187	NaN	-0.6280274

##	[517,]	-0.7824904650	-0.810519362	-0.2774999	NaN	-0.6280274
##	[518,]	-0.3508807257	0.191758588	-1.0781375	NaN	-0.6280274
##	[519,]	-0.5256911664	-0.916310684	-1.0781375	NaN	-0.6280274
##	[520,]	-0.8035186954	0.652716529	-0.6778187	NaN	-0.6280274
##	[521,]	0.3434756906	0.601858018	0.1228189	NaN	-0.6280274
##	[522,]	-0.3942116247	0.331549246	-0.6778187	NaN	1.5912040
##	[523,]	-0.3872022146	0.129098654	0.1228189	NaN	-0.6280274
##	[524,]	-0.6971031052	-1.547686785	-0.6778187	NaN	1.5912040
##	[525,]	0.4498912809	0.469373001	-0.6778187	NaN	-0.6280274
##	[526,]	-0.4090800705	1.471229471	2.5247318	NaN	-0.6280274
##	[527,]	-0.4141778233	0.936372147	-0.6778187	NaN	-0.6280274
##	[528,]	-0.2351192552	1.038229662	-0.6778187	NaN	-0.6280274
##	[529,]	0.0622496597	1.283952137	0.1228189	NaN	1.5912040
##	[530,]	0.2383345386	0.712285613	-1.0781375	NaN	-0.6280274
##	[531,]	0.1930919822	-1.166669432	-0.6778187	NaN	-0.6280274
##	[532,]	0.9889786423	0.710880682	0.1228189	NaN	-0.6280274
##	[533,]	-0.3277284316	-0.349561421	-0.2774999	NaN	-0.6280274
##	[534,]	0.8436926868	1.328909936	0.9234565	NaN	1.5912040
##	[535,]	1.7653239166	-0.112268534	0.1228189	NaN	-0.6280274
##	[536,]	2.6844062700	-0.765983041	0.1228189	NaN	-0.6280274
##	[537,]	-0.2332075979	-0.335652601	2.1244130	NaN	-0.6280274
##	[538,]	0.4864251761	-1.335261181	-0.6778187	NaN	-0.6280274
##	[539,]	2.6946017757	0.737433883	-0.6778187	NaN	-0.6280274
##	[540,]	-0.5581893406	-0.608349756	1.7240942	NaN	-0.6280274
##	[541,]	-0.9105715048	-1.466903239	1.7240942	NaN	1.5912040
##	[542,]	1.1066517701	0.846035068	2.5247318	NaN	-0.6280274
##	[543,]	0.2884624414	0.152280020	0.5231377	NaN	1.5912040
##	[544,]	-0.5936612041	-1.715295083	-0.2774999	NaN	-0.6280274
##	[545,]	1.5435716686	-0.574350420	2.5247318	NaN	1.5912040
##	[546,]	-0.2546606411	1.540071102	1.7240942	NaN	-0.6280274
##	[547,]	-0.8200863921	-1.623834059	-0.6778187	NaN	-0.6280274
##	[548,]	-0.7952348471	0.850390355	1.3237753	NaN	1.5912040
##	[549,]	0.0639489106	1.316406048	0.1228189	NaN	-0.6280274
##	[550,]	-0.0766641049	-0.976863221	0.1228189	NaN	-0.6280274
##	[551,]	-0.8502480963	-1.400590484	-0.6778187	NaN	-0.6280274
##	[552,]	-0.0241997320	0.625741849	2.5247318	NaN	-0.6280274
##	[553,]	0.9770838857	0.857976983	1.7240942	NaN	-0.6280274
##	[554,]	-0.8838083025	1.210474232	-1.0781375	NaN	1.5912040
##	[555,]	0.0654357552	1.276365508	2.1244130	NaN	-0.6280274
##	[556,]	-0.8933665890	0.513347349	-0.6778187	NaN	-0.6280274
##	[557,]	-0.8608684147	-0.476848191	-0.2774999	NaN	-0.6280274
##	[558,]	-0.2994783847	-1.342004851	-0.2774999	NaN	-0.6280274
##	[559,]	-0.2535986092	0.959974992	-0.6778187	NaN	-0.6280274
##	[560,]	-0.7319377495	0.865142133	1.3237753	NaN	1.5912040
##	[561,]	-0.2935310064	-1.422647905	0.1228189	NaN	-0.6280274
##	[562,]	2.1990577196	-0.594159950	-0.6778187	NaN	-0.6280274
##	[563,]	-0.8107405119	-1.279344918	-0.6778187	NaN	1.5912040
##	[564,]	-0.0685926629	1.193334071	-0.6778187	NaN	-0.6280274
##	[565,]	0.0274150154	-0.270463792	-1.0781375	NaN	-0.6280274
##	[566,]	-0.6367796967	0.746987415	-0.6778187	NaN	-0.6280274
##	[567,]	-0.0225004811	-0.558334203	0.5231377	NaN	1.5912040
##	[568,]	-0.0486264643	0.614361906	-0.6778187	NaN	-0.6280274
##	[569,]	2.8369140421	0.967421127	0.9234565	NaN	1.5912040
##	[570,]	0.2302630966	-0.011815950	-0.6778187	NaN	-0.6280274

##	[571,]	-0.4768377018	1.724679068	-1.0781375	NaN	-0.6280274
##	[572,]	-0.4543226268	-1.267964975	0.1228189	NaN	-0.6280274
##	[573,]	-0.4604824115	1.578566218	0.5231377	NaN	-0.6280274
##	[574,]	-0.2499877010	-1.580421683	1.3237753	NaN	-0.6280274
##	[575,]	-0.6845711295	-0.107070288	-0.2774999	NaN	-0.6280274
##	[576,]	-0.2162150885	1.174086513	2.5247318	NaN	1.5912040
##	[577,]	-0.4589955669	1.362066314	-1.0781375	NaN	-0.6280274
##	[578,]	-0.7903495006	0.785623024	-1.0781375	NaN	1.5912040
##	[579,]	-0.1110739364	1.653870533	1.3237753	NaN	1.5912040
##	[580,]	-0.4507117185	-0.952979390	-0.6778187	NaN	-0.6280274
##	[581,]	-0.8349548379	0.843506192	-0.6778187	NaN	-0.6280274
##	[582,]	-0.5671104081	1.413627290	0.1228189	NaN	-0.6280274
##	[583,]	-0.4798113909	-0.615655398	-0.6778187	NaN	-0.6280274
##	[584,]	-0.0006226252	-0.141631597	0.9234565	NaN	-0.6280274
##	[585,]	2.5333853425	0.268608327	-0.6778187	NaN	-0.6280274
##	[586,]	-1.0412014210	-1.526893803	-0.6778187	NaN	1.5912040
##	[587,]	-0.8090412610	1.719340329	-0.6778187	NaN	-0.6280274
##	[588,]	-0.7123963637	1.054807851	2.1244130	NaN	-0.6280274
##	[589,]	2.3653719056	-1.044159428	0.9234565	NaN	-0.6280274
##	[590,]	-0.8886936489	-1.071134107	-0.6778187	NaN	1.5912040
##	[591,]	1.1019788300	1.641226152	-1.0781375	NaN	-0.6280274
##	[592,]	-0.2504125137	1.713158632	0.9234565	NaN	-0.6280274
##	[593,]	2.1769674574	-0.187010876	-0.6778187	NaN	1.5912040
##	[594,]	-0.2708035250	1.271167262	-1.0781375	NaN	-0.6280274
##	[595,]	-0.8077668228	1.329893388	-0.6778187	NaN	-0.6280274
##	[596,]	2.7067089386	1.608350761	1.7240942	NaN	1.5912040
##	[597,]	-0.8489736581	-0.142193569	0.1228189	NaN	-0.6280274
##	[598,]	-0.0936566143	-1.441754970	2.5247318	NaN	1.5912040
##	[599,]	-0.4504993122	0.289541802	1.3237753	NaN	-0.6280274
##	[600,]	-0.9260771696	1.575475370	0.5231377	NaN	-0.6280274
##	[601,]	-0.0724159775	0.675897894	-0.6778187	NaN	-0.6280274
##	[602,]	-0.2992659783	-0.327363507	1.3237753	NaN	-0.6280274
##	[603,]	0.0794545755	0.831845262	0.9234565	NaN	1.5912040
##	[604,]	-0.8982519355	-1.146438422	-0.6778187	NaN	-0.6280274
##	[605,]	-0.4394541810	-0.352230790	-0.6778187	NaN	-0.6280274
##	[606,]	-0.0456527752	-1.409020072	-0.2774999	NaN	-0.6280274
##	[607,]	-0.8389905589	-0.843956725	-0.6778187	NaN	-0.6280274
##	[608,]	0.2444943232	-1.187602908	-0.6778187	NaN	-0.6280274
##	[609,]	-0.2852471580	1.012378927	0.5231377	NaN	-0.6280274
##	[610,]	2.2634168491	-1.280328370	1.3237753	NaN	-0.6280274
##	[611,]	1.3392367428	-0.768652411	-0.6778187	NaN	1.5912040
##	[612,]	0.7897414693	0.640072147	0.1228189	NaN	-0.6280274
##	[613,]	-0.3661739842	-1.491349042	-0.6778187	NaN	1.5912040
##	[614,]	-0.5875014194	-1.695766538	-1.0781375	NaN	-0.6280274
##	[615,]	-0.8787105496	0.925132697	-0.6778187	NaN	1.5912040
##	[616,]	-1.0188987524	0.317218948	-0.6778187	NaN	-0.6280274
##	[617,]	2.0824466237	-1.224974079	-0.2774999	NaN	-0.6280274
##	[618,]	-0.1210570357	-1.280749849	2.5247318	NaN	-0.6280274
##	[619,]	-0.6539846125	1.028254650	1.7240942	NaN	-0.6280274
##	[620,]	-0.5237795091	1.054105385	-0.6778187	NaN	-0.6280274
##	[621,]	-0.8377161206	0.497190640	-0.6778187	NaN	-0.6280274
##	[622,]	-0.0641321292	-1.614280526	-0.6778187	NaN	1.5912040
##	[623,]	-0.4460387784	-0.711331216	-0.2774999	NaN	-0.6280274
##	[624,]	-0.5824036666	-1.677502432	2.5247318	NaN	-0.6280274

##	[625,]	0.9411872096	0.899422455	1.7240942	NaN	1.5912040
##	[626,]	0.9044409079	0.692054604	0.5231377	NaN	1.5912040
##	[627,]	-0.2820610625	1.102716006	0.9234565	NaN	-0.6280274
##	[628,]	1.5554664252	0.662410554	0.1228189	NaN	-0.6280274
##	[629,]	-0.0358820822	1.439337532	0.5231377	NaN	-0.6280274
##	[630,]	-0.3328261844	1.356025109	-0.6778187	NaN	-0.6280274
##	[631,]	-0.3670236096	0.678988743	1.3237753	NaN	-0.6280274
##	[632,]	-0.7827028714	-1.302245297	-0.2774999	NaN	1.5912040
##	[633,]	-0.8470620008	-0.736900965	0.9234565	NaN	1.5912040
##	[634,]	-0.8838083025	-0.797734487	-1.0781375	NaN	-0.6280274
##	[635,]	-0.4904317093	0.007010129	-0.6778187	NaN	1.5912040
##	[636,]	0.8882980240	1.284654602	-0.6778187	NaN	1.5912040
##	[637,]	-0.9517783402	0.322979166	-0.6778187	NaN	1.5912040
##	[638,]	-0.8897556808	-0.725661515	-1.0781375	NaN	-0.6280274
##	[639,]	-0.4772625145	0.539619564	-0.6778187	NaN	-0.6280274
##	[640,]	-0.6208492191	-0.528128182	-0.2774999	NaN	-0.6280274
##	[641,]	-0.7096350809	-0.496657722	-1.0781375	NaN	-0.6280274
##	[642,]	0.0044751276	-0.761768248	-0.6778187	NaN	-0.6280274
##	[643,]	-0.7654979556	-0.310644825	-1.0781375	NaN	-0.6280274
##	[644,]	-0.2701663059	1.322447253	-0.2774999	NaN	1.5912040
##	[645,]	-0.8808346133	0.078380636	0.1228189	NaN	1.5912040
##	[646,]	-0.7865261860	1.293786655	1.3237753	NaN	1.5912040
##	[647,]	1.1327777533	1.190805195	0.9234565	NaN	-0.6280274
##	[648,]	0.9346026122	-0.728330884	0.1228189	NaN	-0.6280274
##	[649,]	-0.7497798844	0.970652469	0.9234565	NaN	-0.6280274
##	[650,]	1.6508368844	0.827911455	1.3237753	NaN	-0.6280274
##	[651,]	-0.1998597982	1.049328619	0.5231377	NaN	-0.6280274
##	[652,]	-0.4175763252	0.487496614	-1.0781375	NaN	1.5912040
##	[653,]	0.2419454468	-1.334558716	-0.6778187	NaN	1.5912040
##	[654,]	2.4259077204	-1.372491859	-0.6778187	NaN	-0.6280274
##	[655,]	-0.2759012778	-0.916451178	2.1244130	NaN	-0.6280274
##	[656,]	-0.8976147164	1.171276651	0.1228189	NaN	1.5912040
##	[657,]	-0.7875882179	0.520231512	-0.6778187	NaN	1.5912040
##	[658,]	-0.8434510926	-1.160347241	1.3237753	NaN	-0.6280274
##	[659,]	-0.8377161206	-0.956070239	-0.6778187	NaN	1.5912040
##	[660,]	-0.3387735627	1.396346636	-0.6778187	NaN	-0.6280274
##	[661,]	-0.8757368605	-0.130532640	2.5247318	NaN	1.5912040
##	[662,]	-0.3691476733	1.334810648	0.5231377	NaN	-0.6280274
##	[663,]	-0.9471054001	1.087261762	-0.6778187	NaN	-0.6280274
##	[664,]	-0.8092536674	-0.764718603	-0.6778187	NaN	-0.6280274
##	[665,]	0.0176443224	-1.333575264	-1.0781375	NaN	1.5912040
##	[666,]	-0.6815974403	-0.165234441	-0.6778187	NaN	1.5912040
##	[667,]	-0.4953170558	-0.602870524	-1.0781375	NaN	1.5912040
##	[668,]	-0.7911991261	0.479348013	0.5231377	NaN	1.5912040
##	[669,]	-0.8763740796	-0.629283231	0.9234565	NaN	-0.6280274
##	[670,]	-0.8706391077	-1.406350702	1.7240942	NaN	1.5912040
##	[671,]	-0.8889060553	0.491008943	-0.6778187	NaN	-0.6280274
##	[672,]	-0.9547520293	-1.042052031	-0.6778187	NaN	-0.6280274
##	[673,]	-0.0549986554	-0.911674411	1.7240942	NaN	-0.6280274
##	[674,]	-0.7867385924	-1.541786074	0.1228189	NaN	1.5912040
##	[675,]	0.8600479771	-0.710628750	-0.2774999	NaN	1.5912040
##	[676,]	-0.8865695852	-0.361924816	0.1228189	NaN	-0.6280274
##	[677,]	-0.5286648555	0.682360578	-0.6778187	NaN	1.5912040
##	[678,]	0.1911803249	1.146971340	0.5231377	NaN	-0.6280274

##	[679,]	-0.9014380310	-1.232139228	0.5231377	NaN	-0.6280274
##	[680,]	0.0911369257	1.417982577	-0.6778187	NaN	-0.6280274
##	[681,]	-0.3876270273	1.261613730	-0.2774999	NaN	-0.6280274
##	[682,]	1.5036392715	0.278021366	-0.6778187	NaN	-0.6280274
##	[683,]	-0.8859323661	-1.452572940	1.3237753	NaN	-0.6280274
##	[684,]	-0.8687274503	0.630097136	-0.6778187	NaN	1.5912040
##	[685,]	0.6801397836	0.890571388	-0.2774999	NaN	-0.6280274
##	[686,]	-0.4691910725	-0.444675266	-0.6778187	NaN	-0.6280274
##	[687,]	-0.3784935535	-1.572694561	-0.2774999	NaN	1.5912040
##	[688,]	-0.8462123754	-0.284653597	0.5231377	NaN	-0.6280274
##	[689,]	-0.9307501097	-0.613407508	-0.6778187	NaN	1.5912040
##	[690,]	-0.7497798844	-0.183358054	-0.6778187	NaN	-0.6280274
##	[691,]	-0.1376247324	0.429332461	-1.0781375	NaN	1.5912040
##	[692,]	-0.6129901835	1.510286560	2.1244130	NaN	1.5912040
##	[693,]	0.0471688076	-0.106648809	-0.6778187	NaN	-0.6280274
##	[694,]	0.8118317316	-1.235651556	-0.6778187	NaN	1.5912040
##	[695,]	0.0947478339	-0.284091625	-1.0781375	NaN	-0.6280274
##	[696,]	0.8721551400	0.085545786	0.9234565	NaN	-0.6280274
##	[697,]	-0.4366928983	1.243349624	-0.6778187	NaN	-0.6280274
##	[698,]	-0.9231034805	0.546503727	-0.6778187	NaN	-0.6280274
##	[699,]	-0.4039823176	-1.142785601	-0.6778187	NaN	-0.6280274
##	[700,]	2.2506724670	-0.068013199	-0.2774999	NaN	-0.6280274
##	[701,]	-0.8547086301	1.673820557	0.5231377	NaN	-0.6280274
##	[702,]	1.7733953586	-0.052699449	1.3237753	NaN	-0.6280274
##	[703,]	0.1616558398	-0.609192714	0.9234565	NaN	-0.6280274
##	[704,]	-0.1777695359	0.784780066	-0.6778187	NaN	1.5912040
##	[705,]	0.2803909994	-1.053853453	1.3237753	NaN	-0.6280274
##	[706,]	0.2924981624	-1.651230218	-1.0781375	NaN	-0.6280274
##	[707,]	1.4212256008	0.387465510	0.5231377	NaN	1.5912040
##	[708,]	-0.3050009502	-1.061299589	-0.6778187	NaN	1.5912040
##	[709,]	-0.3024520738	1.635184947	0.5231377	NaN	-0.6280274
##	[710,]	-0.8882688362	-0.560722587	-1.0781375	NaN	1.5912040
##	[711,]	2.3239526639	0.867671009	-0.6778187	NaN	-0.6280274
##	[712,]	-0.8706391077	-0.398172042	1.3237753	NaN	1.5912040
##	[713,]	-0.6480372342	0.411349341	0.1228189	NaN	-0.6280274
##	[714,]	-0.8991015609	-0.464765783	0.1228189	NaN	-0.6280274
##	[715,]	2.3143943773	-1.081530599	2.5247318	NaN	-0.6280274
##	[716,]	-0.2155778694	0.821589264	-0.6778187	NaN	1.5912040
##	[717,]	2.7434552403	-1.486150797	-0.2774999	NaN	-0.6280274
##	[718,]	-0.7841897160	-0.312892715	2.5247318	NaN	-0.6280274
##	[719,]	-0.6095916816	-0.038509643	-0.6778187	NaN	1.5912040
##	[720,]	-0.4970163067	-0.806726047	-0.6778187	NaN	1.5912040
##	[721,]	-0.9284136397	-0.389742454	0.5231377	NaN	1.5912040
##	[722,]	1.5866901613	-1.426300726	0.1228189	NaN	1.5912040
##	[723,]	-0.8111653247	-0.307132497	-1.0781375	NaN	-0.6280274
##	[724,]	0.9222830428	1.390164939	1.3237753	NaN	-0.6280274
##	[725,]	-0.4515613440	1.377380064	-0.6778187	NaN	-0.6280274
##	[726,]	-0.5862269812	-0.595564881	-0.6778187	NaN	1.5912040
##	[727,]	-0.5002024022	-0.426832639	-0.6778187	NaN	-0.6280274
##	[728,]	-1.1580249233	-0.115218889	-0.6778187	NaN	-0.6280274
##	[729,]	0.8997679679	-0.051996983	2.1244130	NaN	-0.6280274
##	[730,]	0.8252133328	-1.030953074	-0.6778187	NaN	1.5912040
##	[731,]	1.0435670788	0.490165984	-1.0781375	NaN	1.5912040
##	[732,]	-0.8290074596	0.556619232	-0.6778187	NaN	1.5912040

##	[733,]	-0.8668157930	1.603293008	-1.0781375	NaN	-0.6280274
##	[734,]	-0.2189763713	-1.542488540	-0.6778187	NaN	-0.6280274
##	[735,]	-0.8606560084	-1.044159428	-0.6778187	NaN	-0.6280274
##	[736,]	-0.4806610164	-0.167763318	-0.2774999	NaN	-0.6280274
##	[737,]	0.9549936235	1.114376935	1.7240942	NaN	-0.6280274
##	[738,]	-0.3185949578	1.272572193	1.3237753	NaN	-0.6280274
##	[739,]	1.3252179225	-1.019011158	-0.6778187	NaN	-0.6280274
##	[740,]	-0.4834222992	-1.356475643	-1.0781375	NaN	-0.6280274
##	[741,]	-0.5492682732	-0.670447717	-0.6778187	NaN	-0.6280274
##	[742,]	2.5064097338	-0.919261040	1.3237753	NaN	-0.6280274
##	[743,]	-0.8757368605	0.822151237	0.5231377	NaN	-0.6280274
##	[744,]	1.5342257884	1.055931796	0.1228189	NaN	1.5912040
##	[745,]	-0.3665987969	0.009679498	0.9234565	NaN	-0.6280274
##	[746,]	-0.0250493575	-0.185605944	0.1228189	NaN	1.5912040
##	[747,]	2.8611283680	0.838869918	-0.6778187	NaN	-0.6280274
##	[748,]	0.0760560736	-1.311096364	2.1244130	NaN	1.5912040
##	[749,]	-0.3258167743	1.053683906	2.1244130	NaN	-0.6280274
##	[750,]	2.8339403529	1.620292676	-0.6778187	NaN	-0.6280274
##	[751,]	1.4479888031	-0.361924816	0.1228189	NaN	1.5912040
##	[752,]	-0.0331207995	1.490196043	-1.0781375	NaN	-0.6280274
##	[753,]	-0.7986333490	-0.849154971	-0.6778187	NaN	-0.6280274
##	[754,]	0.9297172657	-1.296766065	-0.6778187	NaN	1.5912040
##	[755,]	-0.8838083025	1.000858491	-1.0781375	NaN	-0.6280274
##	[756,]	2.3677083756	-1.251667772	0.1228189	NaN	-0.6280274
##	[757,]	-0.5263283855	-0.446501676	2.5247318	NaN	-0.6280274
##	[758,]	0.6843879109	-0.285918035	-1.0781375	NaN	-0.6280274
##	[759,]	1.1472213863	-0.460129510	0.1228189	NaN	1.5912040
##	[760,]	-0.9188553531	-0.842270808	-0.6778187	NaN	-0.6280274
##	[761,]	0.2170939018	1.295894052	-0.2774999	NaN	-0.6280274
##	[762,]	-0.3544916339	-0.906897645	1.7240942	NaN	-0.6280274
##	[763,]	-0.9475302128	0.145114870	1.3237753	NaN	1.5912040
##	[764,]	-0.9097218793	0.575585803	-0.6778187	NaN	1.5912040
##	[765,]	-1.1578125169	1.274398604	-0.6778187	NaN	-0.6280274
##	[766,]	-0.7820656523	-1.589834723	0.1228189	NaN	-0.6280274
##	[767,]	2.7047972813	-0.205134489	-0.2774999	NaN	1.5912040
##	[768,]	-0.5089110633	-0.065343830	0.1228189	NaN	-0.6280274
##	[769,]	0.4020998481	1.110443128	-0.6778187	NaN	-0.6280274
##	[770,]	-0.9549644357	1.538666171	-0.6778187	NaN	-0.6280274
##	[771,]	2.7876357648	1.001982436	2.5247318	NaN	-0.6280274
##	[772,]	0.8885104304	-0.831874317	1.3237753	NaN	-0.6280274
##	[773,]	-0.7563644818	-0.303339183	-0.2774999	NaN	-0.6280274
##	[774,]	0.5002315900	0.190494149	-1.0781375	NaN	-0.6280274
##	[775,]	2.1778170828	0.422869777	1.7240942	NaN	-0.6280274
##	[776,]	0.9122999436	-1.270774837	0.9234565	NaN	-0.6280274
##	[777,]	-0.8878440234	0.406291589	-0.6778187	NaN	1.5912040
##	[778,]	-1.0804965990	0.413737724	-0.6778187	NaN	-0.6280274
##	[779,]	-0.4010086285	0.943537296	2.1244130	NaN	1.5912040
##	[780,]	-0.8585319447	-0.559317655	2.5247318	NaN	1.5912040
##	[781,]	0.4713443240	-0.275100065	-0.6778187	NaN	-0.6280274
##	[782,]	-0.5411968312	-0.445658718	-0.6778187	NaN	-0.6280274
##	[783,]	0.7336661882	-0.732967157	-1.0781375	NaN	-0.6280274
##	[784,]	-0.6641801182	0.639229189	-0.6778187	NaN	-0.6280274
##	[785,]	0.4927973672	1.446362188	-1.0781375	NaN	-0.6280274
##	[786,]	0.8111945125	1.718075891	0.5231377	NaN	-0.6280274

##	[787,]	-0.3997341903	-1.186338469	-0.6778187	NaN	-0.6280274
##	[788,]	0.9501082770	0.210725159	0.1228189	NaN	-0.6280274
##	[789,]	-0.6038567097	-0.899732496	0.1228189	NaN	-0.6280274
##	[790,]	0.8451795313	-1.684105609	2.5247318	NaN	-0.6280274
##	[791,]	0.1308569165	0.969528524	0.5231377	NaN	-0.6280274
##	[792,]	0.6540138003	-0.559177162	-1.0781375	NaN	1.5912040
##	[793,]	-0.4237361098	-1.571289630	-0.6778187	NaN	-0.6280274
##	[794,]	-0.9124831621	1.147673806	-0.6778187	NaN	-0.6280274
##	[795,]	0.2661597727	1.117327291	-1.0781375	NaN	-0.6280274
##	[796,]	0.0405842102	1.392272335	-0.2774999	NaN	1.5912040
##	[797,]	-0.5972721123	-1.363921779	-0.6778187	NaN	1.5912040
##	[798,]	-0.8763740796	0.710880682	-0.6778187	NaN	-0.6280274
##	[799,]	-0.8899680871	-1.590396695	0.5231377	NaN	1.5912040
##	[800,]	2.3708944712	0.012067882	-1.0781375	NaN	-0.6280274
##	[801,]	-0.8298570850	-1.004961846	-0.6778187	NaN	-0.6280274
##	[802,]	-0.3770067089	0.412754272	0.1228189	NaN	1.5912040
##	[803,]	-0.4674918216	-0.128144257	-1.0781375	NaN	-0.6280274
##	[804,]	-0.7485054462	1.147111833	0.1228189	NaN	-0.6280274
##	[805,]	2.2052175043	0.258633315	-0.2774999	NaN	-0.6280274
##	[806,]	-0.1932752008	0.513768829	-0.6778187	NaN	-0.6280274
##	[807,]	0.8373204957	0.141743035	1.7240942	NaN	-0.6280274
##	[808,]	0.4751676386	-1.228486407	-1.0781375	NaN	1.5912040
##	[809,]	-0.8472744072	1.777925962	0.5231377	NaN	-0.6280274
##	[810,]	0.2447067296	-0.881468390	-1.0781375	NaN	-0.6280274
##	[811,]	2.3284131976	0.180238151	0.1228189	NaN	-0.6280274
##	[812,]	0.1801351938	0.885935115	1.7240942	NaN	-0.6280274
##	[813,]	0.9169728836	-0.390304427	2.1244130	NaN	-0.6280274
##	[814,]	1.2035090738	-0.107632260	1.7240942	NaN	-0.6280274
##	[815,]	2.7874233584	0.453918758	-0.6778187	NaN	-0.6280274
##	[816,]	-0.9415828345	1.547236252	-0.6778187	NaN	1.5912040
##	[817,]	0.0592759705	-0.778767916	2.5247318	NaN	-0.6280274
##	[818,]	0.2710451192	1.253886608	-0.2774999	NaN	-0.6280274
##	[819,]	-0.7884378433	1.077286751	-1.0781375	NaN	-0.6280274
##	[820,]	-0.7013512325	0.786465983	-1.0781375	NaN	-0.6280274
##	[821,]	-0.3260291806	0.588230185	-0.6778187	NaN	-0.6280274
##	[822,]	1.4055075296	-0.341974792	1.3237753	NaN	-0.6280274
##	[823,]	-0.5246291345	0.213675515	-0.2774999	NaN	-0.6280274
##	[824,]	-0.6822346594	0.509554035	-1.0781375	NaN	-0.6280274
##	[825,]	-0.4738640126	-0.668059334	0.5231377	NaN	-0.6280274
##	[826,]	-0.3073374203	0.474290261	-0.6778187	NaN	1.5912040
##	[827,]	-0.7771803058	-1.167371898	-0.6778187	NaN	-0.6280274
##	[828,]	-0.8071296037	1.092319515	-0.6778187	NaN	1.5912040
##	[829,]	-0.9768422915	-0.106367822	-0.6778187	NaN	-0.6280274
##	[830,]	0.3655659529	0.572073475	-1.0781375	NaN	1.5912040
##	[831,]	-0.3689352669	-0.739289348	0.1228189	NaN	1.5912040
##	[832,]	-0.8268833959	-1.135198972	-0.6778187	NaN	-0.6280274
##	[833,]	-0.1639631220	0.401514822	1.7240942	NaN	-0.6280274
##	[834,]	-0.8419642480	-0.893972278	-0.6778187	NaN	-0.6280274
##	[835,]	-0.1675740303	-1.191958194	-0.6778187	NaN	-0.6280274
##	[836,]	-0.4630312879	-1.012267488	-0.6778187	NaN	-0.6280274
##	[837,]	0.1769490983	-0.442708362	-0.6778187	NaN	-0.6280274
##	[838,]	1.4860095430	-0.074616376	2.5247318	NaN	-0.6280274
##	[839,]	1.5410227922	-1.667105941	-1.0781375	NaN	1.5912040
##	[840,]	-0.2863091899	-1.694361607	1.7240942	NaN	-0.6280274

##	[841,]	-0.9016504374	0.284765036	1.3237753	NaN	-0.6280274
##	[842,]	-0.6172383109	-1.110472182	2.1244130	NaN	-0.6280274
##	[843,]	-0.8470620008	1.214127054	-0.6778187	NaN	1.5912040
##	[844,]	-0.4424278702	-0.125334394	-0.6778187	NaN	-0.6280274
##	[845,]	0.0159450715	-1.630718222	-0.6778187	NaN	-0.6280274
##	[846,]	-0.4420030575	0.967983100	0.1228189	NaN	1.5912040
##	[847,]	0.8009990068	0.741086704	-0.2774999	NaN	-0.6280274
##	[848,]	-0.2463767927	1.607507802	-1.0781375	NaN	-0.6280274
##	[849,]	-0.8765864860	1.717373425	-0.6778187	NaN	-0.6280274
##	[850,]	-0.2457395736	-0.677753359	2.1244130	NaN	-0.6280274
##	[851,]	-0.7807912141	0.089058114	-0.6778187	NaN	-0.6280274
##	[852,]	2.8547561770	0.598767169	0.5231377	NaN	-0.6280274
##	[853,]	-0.7162196783	1.689977266	-0.6778187	NaN	-0.6280274
##	[854,]	-0.8392029652	-1.003275928	-0.6778187	NaN	-0.6280274
##	[855,]	-0.4303207072	0.813019184	0.5231377	NaN	1.5912040
##	[856,]	-0.0061451908	-0.611440604	-0.6778187	NaN	-0.6280274
##	[857,]	-0.7370355023	-0.208646817	-0.6778187	NaN	-0.6280274
##	[858,]	-0.7576389200	-0.489914052	-0.6778187	NaN	1.5912040
##	[859,]	2.5707688632	0.607899222	0.1228189	NaN	-0.6280274
##	[860,]	-0.9207670105	1.773008702	-1.0781375	NaN	1.5912040
##	[861,]	-0.7752686485	-1.417590152	-1.0781375	NaN	1.5912040
##	[862,]	2.2398397422	1.374570202	2.1244130	NaN	-0.6280274
##	[863,]	-0.8948534336	-1.409722537	-0.2774999	NaN	-0.6280274
##	[864,]	-0.6166010918	-0.826676071	-0.6778187	NaN	-0.6280274
##	[865,]	-0.9337237989	0.840134357	1.3237753	NaN	-0.6280274
##	[866,]	-0.5072118124	-0.157507320	2.1244130	NaN	-0.6280274
##	[867,]	-0.4621816624	1.563252468	0.9234565	NaN	-0.6280274
##	[868,]	2.4114640874	-0.677612866	-0.2774999	NaN	-0.6280274
##	[869,]	-0.7024132644	-0.261893711	-0.6778187	NaN	-0.6280274
##	[870,]	2.6716618879	-0.486682710	0.9234565	NaN	-0.6280274
##	[871,]	0.5231714778	0.943115817	0.1228189	NaN	1.5912040
##	[872,]	-0.9118459430	-1.537149801	-0.6778187	NaN	-0.6280274
##	[873,]	-0.4171515124	-1.321773841	-0.6778187	NaN	-0.6280274
##	[874,]	-0.7990581617	-1.046407318	-0.6778187	NaN	-0.6280274
##	[875,]	-0.6397533859	-0.422055873	-0.6778187	NaN	-0.6280274
##	[876,]	-0.4167266997	-0.922913861	-0.6778187	NaN	-0.6280274
##	[877,]	-0.8124397629	-1.301402338	-0.6778187	NaN	-0.6280274
##	[878,]	0.1860825721	0.438324021	-0.2774999	NaN	-0.6280274
##	[879,]	-0.0490512771	-0.204432023	1.7240942	NaN	-0.6280274
##	[880,]	-0.2725027760	-0.480501013	-1.0781375	NaN	1.5912040
##	[881,]	-0.7986333490	-0.980937522	-0.6778187	NaN	-0.6280274
##	[882,]	-0.3196569896	-1.682419692	0.5231377	NaN	1.5912040
##	[883,]	0.7963260667	-1.415904235	-0.2774999	NaN	1.5912040
##	[884,]	-0.7905619070	-1.124240508	-1.0781375	NaN	-0.6280274
##	[885,]	0.0741444163	-0.382436812	1.7240942	NaN	-0.6280274
##	[886,]	-0.3298524953	0.886497088	-1.0781375	NaN	-0.6280274
##	[887,]	-0.6210616255	-0.694612534	-1.0781375	NaN	1.5912040
##	[888,]	1.4205883817	1.259927812	0.1228189	NaN	1.5912040
##	[889,]	0.8228768627	-0.078409691	0.5231377	NaN	1.5912040
##	[890,]	-0.9065357838	0.008977033	-0.6778187	NaN	1.5912040
##	[891,]	0.8494276587	-0.653869528	1.7240942	NaN	-0.6280274
##	[892,]	-0.9541148102	0.796440995	-0.6778187	NaN	-0.6280274
##	[893,]	-0.9864005781	-1.147140888	-0.6778187	NaN	1.5912040
##	[894,]	-0.5826160729	-1.224412106	-0.6778187	NaN	-0.6280274

##	[895,]	2.3951087971	1.287042985	0.1228189	NaN	-0.6280274
##	[896,]	0.0701086953	0.389994386	-0.6778187	NaN	1.5912040
##	[897,]	0.0656481616	0.405308137	-0.6778187	NaN	-0.6280274
##	[898,]	-0.2829106880	0.305839005	0.9234565	NaN	-0.6280274
##	[899,]	2.8116376843	0.605791825	0.1228189	NaN	-0.6280274
##	[900,]	2.5930715319	-0.307553976	-0.2774999	NaN	-0.6280274
##	[901,]	-0.5970597059	-0.710488257	-0.6778187	NaN	-0.6280274
##	[902,]	-0.8377161206	0.324103111	0.9234565	NaN	-0.6280274
##	[903,]	-0.8466371881	-1.560190673	-0.6778187	NaN	-0.6280274
##	[904,]	0.0255033580	-1.420259522	-0.6778187	NaN	1.5912040
##	[905,]	2.4983382918	-0.783966161	1.3237753	NaN	-0.6280274
##	[906,]	2.0435762584	-1.529984652	0.1228189	NaN	-0.6280274
##	[907,]	-0.8321935551	1.029800075	-1.0781375	NaN	-0.6280274
##	[908,]	2.4872931607	-0.781437285	1.7240942	NaN	-0.6280274
##	[909,]	0.3987013462	1.038932128	-1.0781375	NaN	1.5912040
##	[910,]	-0.7453193507	0.970511976	-0.6778187	NaN	1.5912040
##	[911,]	-1.1214910280	0.363581679	-0.6778187	NaN	-0.6280274
##	[912,]	-1.1437936966	-0.881327896	-0.6778187	NaN	1.5912040
##	[913,]	-0.7705957084	-0.609754687	-0.6778187	NaN	1.5912040
##	[914,]	2.6170734514	-1.660643257	-0.2774999	NaN	1.5912040
##	[915,]	1.5025772396	1.584607423	-0.6778187	NaN	1.5912040
##	[916,]	-0.8236973004	1.544707375	-0.6778187	NaN	-0.6280274
##	[917,]	2.6096392285	-0.613548001	-0.2774999	NaN	-0.6280274
##	[918,]	-0.4173639188	-1.162454638	-1.0781375	NaN	1.5912040
##	[919,]	2.8343651657	0.686013399	0.5231377	NaN	1.5912040
##	[920,]	0.8515517224	0.799250857	1.3237753	NaN	-0.6280274
##	[921,]	-0.4373301174	1.154979448	0.5231377	NaN	-0.6280274
##	[922,]	-0.9237406996	-1.049638659	-1.0781375	NaN	1.5912040
##	[923,]	2.6948141820	0.444505718	-0.6778187	NaN	-0.6280274
##	[924,]	-0.4275594245	1.056493768	0.5231377	NaN	-0.6280274
##	[925,]	-0.6365672904	-1.165124008	-1.0781375	NaN	1.5912040
##	[926,]	-0.8774361114	-1.220197312	1.3237753	NaN	1.5912040
##	[927,]	0.7918655330	0.850109368	0.1228189	NaN	-0.6280274
##	[928,]	-0.2321455661	-1.684527088	2.5247318	NaN	1.5912040
##	[929,]	0.3133139864	-0.033451891	-0.6778187	NaN	-0.6280274
##	[930,]	-0.5598885916	-0.012799401	-0.6778187	NaN	1.5912040
##	[931,]	-0.7784547440	-1.412813386	-1.0781375	NaN	-0.6280274
##	[932,]	-0.3840161191	-0.204432023	1.7240942	NaN	1.5912040
##	[933,]	-0.6720391538	0.417531038	0.1228189	NaN	1.5912040
##	[934,]	-0.9394587708	-1.346079152	-0.2774999	NaN	-0.6280274
##	[935,]	-0.9360602689	0.634592916	-0.6778187	NaN	-0.6280274
##	[936,]	-0.0624328782	-0.368106513	-0.6778187	NaN	-0.6280274
##	[937,]	2.4550073928	-0.179564740	0.1228189	NaN	-0.6280274
##	[938,]	2.2557702198	0.424415202	1.3237753	NaN	1.5912040
##	[939,]	-0.8774361114	1.652606095	-0.6778187	NaN	-0.6280274
##	[940,]	-0.3440837219	1.198672810	-0.6778187	NaN	-0.6280274
##	[941,]	-0.5520295560	1.101592061	-1.0781375	NaN	-0.6280274
##	[942,]	-0.3984597521	1.309100406	-1.0781375	NaN	-0.6280274
##	[943,]	0.1255467573	-1.203478631	0.1228189	NaN	-0.6280274
##	[944,]	-0.6541970189	1.214408040	1.3237753	NaN	-0.6280274
##	[945,]	0.0363360828	0.292070678	-1.0781375	NaN	-0.6280274
##	[946,]	2.2041554724	1.139244218	0.5231377	NaN	1.5912040
##	[947,]	0.5503594928	0.410506382	-0.2774999	NaN	1.5912040
##	[948,]	0.4127201665	1.014486324	2.5247318	NaN	1.5912040

##	[949,]	1.1497702627	1.631672619	-0.6778187	NaN	1.5912040
##	[950,]	-0.4182135443	-0.135028420	-1.0781375	NaN	-0.6280274
##	[951,]	0.7113635196	-0.755586550	-0.6778187	NaN	1.5912040
##	[952,]	-0.0747524476	1.090352611	-0.6778187	NaN	-0.6280274
##	[953,]	-0.8923045572	-0.842130315	-0.6778187	NaN	1.5912040
##	[954,]	-0.8795601751	0.050001025	0.5231377	NaN	-0.6280274
##	[955,]	2.4125261192	1.723695616	-1.0781375	NaN	1.5912040
##	[956,]	2.6941769629	-1.028564691	0.5231377	NaN	-0.6280274
##	[957,]	2.8067523379	-1.445829270	1.3237753	NaN	-0.6280274
##	[958,]	-0.6284958484	-0.812205279	2.5247318	NaN	-0.6280274
##	[959,]	0.4241901104	-1.239023391	-1.0781375	NaN	-0.6280274
##	[960,]	-0.3912379356	1.143880492	-0.6778187	NaN	-0.6280274
##	[961,]	-0.5097606888	-1.407193661	-1.0781375	NaN	-0.6280274
##	[962,]	-0.4787493591	-1.632966112	-0.6778187	NaN	1.5912040
##	[963,]	1.5979476988	0.460100455	-0.6778187	NaN	1.5912040
##	[964,]	0.0828530773	0.723244077	0.1228189	NaN	-0.6280274
##	[965,]	-0.0802750131	1.298141942	-0.6778187	NaN	-0.6280274
##	[966,]	-0.6019450524	-0.735917513	0.1228189	NaN	-0.6280274
##	[967,]	0.7444989130	-0.321743782	1.7240942	NaN	1.5912040
##	[968,]	-0.8742500159	-1.060878109	0.1228189	NaN	-0.6280274
##	[969,]	-0.3959108756	-1.693237662	-0.2774999	NaN	-0.6280274
##	[970,]	0.2963214770	0.617171768	-0.6778187	NaN	-0.6280274
##	[971,]	-0.8430262798	-1.093893994	2.1244130	NaN	-0.6280274
##	[972,]	1.4101804697	1.422618850	0.1228189	NaN	-0.6280274
##	[973,]	-1.0390773573	0.701327150	-0.6778187	NaN	-0.6280274
##	[974,]	-0.2421286654	-0.487104189	-1.0781375	NaN	-0.6280274
##	[975,]	-0.3041513248	0.854043176	0.1228189	NaN	-0.6280274
##	[976,]	1.5276411910	-0.707537902	1.3237753	NaN	1.5912040
##	[977,]	1.4654061253	0.550999507	0.5231377	NaN	1.5912040
##	[978,]	-0.9502914956	0.221683623	-0.6778187	NaN	-0.6280274
##	[979,]	-0.0267486084	-0.059724105	0.9234565	NaN	-0.6280274
##	[980,]	-0.2281098451	0.446472622	0.5231377	NaN	-0.6280274
##	[981,]	-0.7897122815	-0.341553313	1.7240942	NaN	-0.6280274
##	[982,]	-0.4012210348	1.260911264	-1.0781375	NaN	1.5912040
##	[983,]	-0.8268833959	0.201593106	-0.6778187	NaN	-0.6280274
##	[984,]	0.0390973656	-1.145033491	-0.6778187	NaN	-0.6280274
##	[985,]	-0.3778563344	1.393536774	-0.6778187	NaN	-0.6280274
##	[986,]	-0.0688050693	0.947471104	-0.6778187	NaN	1.5912040
##	[987,]	-0.0813370450	-1.509753642	0.1228189	NaN	1.5912040
##	[988,]	0.8693938573	0.151999033	-0.2774999	NaN	-0.6280274
##	[989,]	-0.2200384031	-0.050592052	0.1228189	NaN	1.5912040
##	[990,]	-0.7448945379	-1.282857246	1.7240942	NaN	1.5912040
##	[991,]	0.7423748493	0.699641232	1.3237753	NaN	-0.6280274
##	[992,]	-0.5150708480	0.868794954	-1.0781375	NaN	1.5912040
##	[993,]	0.9382135204	-1.526331830	0.1228189	NaN	-0.6280274
##	[994,]	-0.0575475318	-0.257959904	-0.2774999	NaN	-0.6280274
##	[995,]	1.4324831383	-0.643754023	-0.2774999	NaN	1.5912040
##	[996,]	-0.5144336289	0.799391351	-0.6778187	NaN	1.5912040
##	[997,]	-0.1558916800	-1.013391433	-0.6778187	NaN	1.5912040
##	[998,]	-0.8727631713	1.597111311	-0.6778187	NaN	1.5912040
##	[999,]	-0.5520295560	-1.441895463	-1.0781375	NaN	-0.6280274
##	[1000,]	2.1869505567	0.323541138	-1.0781375	NaN	-0.6280274
##	[1001,]	-0.7546652308	0.428489502	2.5247318	NaN	-0.6280274
##	[1002,]	-0.6104413071	0.673369018	0.5231377	NaN	-0.6280274

## [1003,]	0.6072843994	0.791102256	-0.2774999	NaN	-0.6280274
## [1004,]	-0.6954038542	-1.321071376	0.5231377	NaN	-0.6280274
## [1005,]	-0.6212740319	1.301513777	-1.0781375	NaN	-0.6280274
## [1006,]	0.3154380501	-0.638415284	-0.6778187	NaN	-0.6280274
## [1007,]	-0.4713151362	1.179706238	0.1228189	NaN	-0.6280274
## [1008,]	0.2230412801	1.210614726	-1.0781375	NaN	1.5912040
## [1009,]	2.2993135252	-1.216825477	1.3237753	NaN	-0.6280274
## [1010,]	2.8033538360	1.144020985	0.1228189	NaN	1.5912040
## [1011,]	1.7479065944	-0.266810970	-0.2774999	NaN	-0.6280274
## [1012,]	0.5894422645	0.906166125	0.1228189	NaN	1.5912040
## [1013,]	-1.0926037620	0.258633315	-0.6778187	NaN	-0.6280274
## [1014,]	-0.3661739842	-0.218059856	1.7240942	NaN	-0.6280274
## [1015,]	2.1068733560	-0.767949945	0.1228189	NaN	-0.6280274
## [1016,]	-0.7448945379	0.838869918	0.9234565	NaN	-0.6280274
## [1017,]	-1.1134195860	1.116765319	-0.6778187	NaN	-0.6280274
## [1018,]	-0.9354230498	-0.932045914	-1.0781375	NaN	-0.6280274
## [1019,]	-0.1471830190	1.164813967	-0.6778187	NaN	-0.6280274
## [1020,]	-0.1818052569	-0.115078396	0.5231377	NaN	-0.6280274
## [1021,]	-0.6548342380	-0.577160282	1.7240942	NaN	-0.6280274
## [1022,]	-0.4466759976	0.122073998	0.1228189	NaN	-0.6280274
## [1023,]	-0.6378417286	1.567467262	-1.0781375	NaN	-0.6280274
## [1024,]	-0.9424324600	-0.536557769	-0.2774999	NaN	-0.6280274
## [1025,]	2.2655409127	1.740695284	0.1228189	NaN	-0.6280274
## [1026,]	-0.4972287131	0.126148299	-0.6778187	NaN	1.5912040
## [1027,]	0.5737241933	1.268638386	0.5231377	NaN	-0.6280274
## [1028,]	-0.6815974403	-1.489944111	0.9234565	NaN	-0.6280274
## [1029,]	-0.9294756715	-1.229610352	-0.2774999	NaN	1.5912040
## [1030,]	-0.5369487039	1.234358064	0.1228189	NaN	-0.6280274
## [1031,]	0.9112379117	-0.832717275	-0.6778187	NaN	-0.6280274
## [1032,]	0.7631906734	0.235030470	0.5231377	NaN	-0.6280274
## [1033,]	-0.6068303989	0.402919754	-0.2774999	NaN	1.5912040
## [1034,]	0.2003137987	-0.756148523	-0.6778187	NaN	-0.6280274
## [1035,]	0.9235574810	0.779722313	-0.2774999	NaN	1.5912040
## [1036,]	-0.9332989862	1.446502681	2.5247318	NaN	-0.6280274
## [1037,]	-0.5906875149	0.950842939	1.3237753	NaN	1.5912040
## [1038,]	0.6111077140	0.057166174	0.5231377	NaN	1.5912040
## [1039,]	-0.2160026821	1.472634403	0.5231377	NaN	-0.6280274
## [1040,]	-0.7988457553	-1.579297738	-0.6778187	NaN	-0.6280274
## [1041,]	1.5408103858	1.526443269	-0.2774999	NaN	-0.6280274
## [1042,]	0.4163310748	1.289290875	-1.0781375	NaN	-0.6280274
## [1043,]	-0.7096350809	-0.890740936	0.1228189	NaN	-0.6280274
## [1044,]	2.1442568767	0.765813494	0.5231377	NaN	-0.6280274
## [1045,]	0.0314507363	1.014486324	-0.2774999	NaN	-0.6280274
## [1046,]	-0.8831710834	-0.880625431	-0.2774999	NaN	-0.6280274
## [1047,]	-0.6548342380	0.961660909	-0.6778187	NaN	-0.6280274
## [1048,]	-0.4524109695	0.441555363	-1.0781375	NaN	-0.6280274
## [1049,]	-0.3704221115	0.221683623	0.1228189	NaN	-0.6280274
## [1050,]	-0.2552978602	-1.597983324	2.1244130	NaN	-0.6280274
## [1051,]	-0.6010954269	0.301343225	-0.6778187	NaN	-0.6280274
## [1052,]	-0.3685104542	-0.706835436	1.7240942	NaN	-0.6280274
## [1053,]	-1.1106583033	-1.006085791	-0.6778187	NaN	-0.6280274
## [1054,]	-0.3404728137	-1.628610825	-1.0781375	NaN	-0.6280274
## [1055,]	0.8417810295	0.932157353	0.1228189	NaN	-0.6280274
## [1056,]	2.2311310812	-0.334950136	1.7240942	NaN	-0.6280274

## [1057,]	-0.7633738919	0.201452613	0.1228189	NaN	-0.6280274
## [1058,]	-0.1567413055	0.445629663	0.9234565	NaN	-0.6280274
## [1059,]	-0.4044071304	-0.912938849	-1.0781375	NaN	1.5912040
## [1060,]	-0.8706391077	0.263972054	-0.6778187	NaN	-0.6280274
## [1061,]	-0.7075110172	0.377209512	-0.2774999	NaN	1.5912040
## [1062,]	-0.9494418701	-1.012969954	-0.6778187	NaN	-0.6280274
## [1063,]	0.7871925929	0.759491303	0.9234565	NaN	1.5912040
## [1064,]	0.4496788745	1.326802539	-0.6778187	NaN	-0.6280274
## [1065,]	-0.9428572727	0.156635307	-1.0781375	NaN	-0.6280274
## [1066,]	-0.5242043218	0.257087890	-1.0781375	NaN	1.5912040
## [1067,]	-0.5660483762	-0.859972942	2.1244130	NaN	-0.6280274
## [1068,]	-0.4061063813	1.389040994	0.1228189	NaN	1.5912040
## [1069,]	-0.8372913079	-1.258551935	1.7240942	NaN	-0.6280274
## [1070,]	-1.0492728630	-0.250513768	-0.6778187	NaN	-0.6280274
## [1071,]	-0.3408976264	-0.349280434	-1.0781375	NaN	-0.6280274
## [1072,]	-0.3640499205	1.230283763	0.5231377	NaN	-0.6280274
## [1073,]	-0.7058117663	-1.355070712	-1.0781375	NaN	-0.6280274
## [1074,]	0.0097852868	-1.565107933	-0.6778187	NaN	-0.6280274
## [1075,]	-0.0244121384	1.086840283	-0.2774999	NaN	1.5912040
## [1076,]	1.0070331836	0.949578501	-0.2774999	NaN	-0.6280274
## [1077,]	2.0240348726	1.425007233	0.1228189	NaN	-0.6280274
## [1078,]	-0.8795601751	-0.947640651	1.3237753	NaN	-0.6280274
## [1079,]	2.0869071574	1.090352611	0.1228189	NaN	-0.6280274
## [1080,]	0.3978517208	-0.725380528	0.5231377	NaN	-0.6280274
## [1081,]	2.1459561277	-0.412080861	2.1244130	NaN	-0.6280274
## [1082,]	0.4467051854	0.966859155	-0.6778187	NaN	-0.6280274
## [1083,]	-0.8986767482	1.475022786	-1.0781375	NaN	-0.6280274
## [1084,]	-0.9526279656	1.056212782	0.1228189	NaN	-0.6280274
## [1085,]	0.1232102872	-0.284513104	-0.6778187	NaN	1.5912040
## [1086,]	-0.5137964098	-1.427003192	-0.6778187	NaN	-0.6280274
## [1087,]	1.6797241504	1.424164275	-0.6778187	NaN	1.5912040
## [1088,]	-0.8910301190	-1.316294609	-1.0781375	NaN	1.5912040
## [1089,]	-0.3530047894	1.368248011	0.5231377	NaN	-0.6280274
## [1090,]	-0.4711027298	-1.585057956	-0.6778187	NaN	-0.6280274
## [1091,]	0.6822638472	-0.986978726	0.1228189	NaN	-0.6280274
## [1092,]	-0.4636685070	1.382297324	-0.6778187	NaN	-0.6280274
## [1093,]	-0.9284136397	-1.366731641	0.5231377	NaN	-0.6280274
## [1094,]	0.7691380517	0.603824921	-0.2774999	NaN	1.5912040
## [1095,]	-0.2187639649	0.706946875	-1.0781375	NaN	-0.6280274
## [1096,]	-0.2752640587	1.213284095	-0.6778187	NaN	1.5912040
## [1097,]	2.1100594515	0.431018378	-0.6778187	NaN	1.5912040
## [1098,]	-0.8935789954	-0.600903620	-1.0781375	NaN	-0.6280274
## [1099,]	-0.5169825053	-0.768792904	0.1228189	NaN	1.5912040
## [1100,]	0.1992517669	0.930049956	-0.6778187	NaN	-0.6280274
## [1101,]	-0.8651165421	1.670589215	-1.0781375	NaN	-0.6280274
## [1102,]	-0.1327393860	0.184171959	0.1228189	NaN	-0.6280274
## [1103,]	-0.8196615794	0.377630991	0.1228189	NaN	1.5912040
## [1104,]	-0.0135794136	-0.087120264	2.1244130	NaN	-0.6280274
## [1105,]	-0.8606560084	1.132781535	1.3237753	NaN	-0.6280274
## [1106,]	-0.0235625129	-0.523210922	-0.2774999	NaN	-0.6280274
## [1107,]	0.6820514409	-1.263047715	-0.6778187	NaN	-0.6280274
## [1108,]	-0.0904705188	0.070372528	0.1228189	NaN	-0.6280274
## [1109,]	-0.8608684147	1.042163469	-0.6778187	NaN	-0.6280274
## [1110,]	0.5834948862	0.489744504	0.1228189	NaN	-0.6280274

## [1111,]	-0.9407332090	1.728893861	-0.6778187	NaN	1.5912040
## [1112,]	0.7786963382	0.042835876	-1.0781375	NaN	-0.6280274
## [1113,]	-0.3500311002	-0.935698736	0.5231377	NaN	-0.6280274
## [1114,]	-0.5131591907	1.525881297	0.5231377	NaN	-0.6280274
## [1115,]	-0.8784981433	0.311458730	2.1244130	NaN	-0.6280274
## [1116,]	-0.7499922908	1.088526201	-0.6778187	NaN	-0.6280274
## [1117,]	2.7789271037	1.225647490	-0.6778187	NaN	-0.6280274
## [1118,]	-0.2164274949	-0.183358054	2.5247318	NaN	-0.6280274
## [1119,]	-0.9434944918	-0.446782663	-0.6778187	NaN	-0.6280274
## [1120,]	0.7266567781	-0.275100065	-1.0781375	NaN	-0.6280274
## [1121,]	-0.4895820838	0.290244268	-0.2774999	NaN	-0.6280274
## [1122,]	0.0662853807	1.002263422	1.3237753	NaN	-0.6280274
## [1123,]	-0.3780687408	0.266922409	-0.6778187	NaN	1.5912040
## [1124,]	-0.0766641049	-1.417590152	0.1228189	NaN	1.5912040
## [1125,]	0.3683272357	-1.356475643	-0.2774999	NaN	-0.6280274
## [1126,]	0.4991695582	1.428800548	-0.6778187	NaN	-0.6280274
## [1127,]	2.7247634799	0.731392678	0.5231377	NaN	1.5912040
## [1128,]	-0.9409456154	-0.208927803	-0.2774999	NaN	-0.6280274
## [1129,]	-0.1998597982	0.758367358	0.1228189	NaN	1.5912040
## [1130,]	2.7846620756	1.692787128	2.1244130	NaN	-0.6280274
## [1131,]	-0.6575955208	1.550327100	-0.6778187	NaN	-0.6280274
## [1132,]	-0.3058505757	0.143147967	-0.6778187	NaN	-0.6280274
## [1133,]	-0.3959108756	-0.428659050	-0.6778187	NaN	-0.6280274
## [1134,]	-0.3455705665	-1.188305373	0.9234565	NaN	-0.6280274
## [1135,]	-0.8098908865	-0.927269148	-0.6778187	NaN	-0.6280274
## [1136,]	2.3500786471	-1.567496316	-0.6778187	NaN	-0.6280274
## [1137,]	-0.8697894822	-0.981920973	-0.6778187	NaN	1.5912040
## [1138,]	-0.7835524969	-0.564796887	-0.6778187	NaN	1.5912040
## [1139,]	1.0072455900	0.895769634	-0.2774999	NaN	1.5912040
## [1140,]	-0.6777741257	0.627989739	0.1228189	NaN	-0.6280274
## [1141,]	2.6648648842	-1.512282518	-1.0781375	NaN	1.5912040
## [1142,]	-0.9265019824	-1.259535387	-0.6778187	NaN	-0.6280274
## [1143,]	-0.1558916800	1.283249671	-0.6778187	NaN	1.5912040
## [1144,]	-0.4498620931	1.383702255	-0.6778187	NaN	-0.6280274
## [1145,]	-0.2487132628	1.024039856	1.7240942	NaN	-0.6280274
## [1146,]	-0.3908131228	-0.265827519	2.5247318	NaN	1.5912040
## [1147,]	-0.3778563344	0.377490498	-0.6778187	NaN	-0.6280274
## [1148,]	-0.6992271689	1.094286419	-0.6778187	NaN	-0.6280274
## [1149,]	-0.2391549762	-1.472101484	-0.2774999	NaN	-0.6280274
## [1150,]	-0.5176197244	0.277740380	-0.6778187	NaN	-0.6280274
## [1151,]	-0.2750516524	1.685762472	-0.6778187	NaN	-0.6280274
## [1152,]	-0.3453581601	0.863596708	-1.0781375	NaN	-0.6280274
## [1153,]	-0.7191933674	1.643193056	-0.6778187	NaN	-0.6280274
## [1154,]	-1.0479984248	0.576990735	-0.6778187	NaN	1.5912040
## [1155,]	2.7942203622	-1.277518507	0.1228189	NaN	-0.6280274
## [1156,]	-0.7293888731	-0.563532449	-1.0781375	NaN	-0.6280274
## [1157,]	0.8351964320	1.613829993	-0.6778187	NaN	-0.6280274
## [1158,]	-0.5002024022	-0.289851843	-0.6778187	NaN	-0.6280274
## [1159,]	-0.1561040864	1.711191728	0.1228189	NaN	-0.6280274
## [1160,]	-0.3103111094	-1.569744206	-1.0781375	NaN	-0.6280274
## [1161,]	-0.1556792737	-1.253915662	-0.6778187	NaN	-0.6280274
## [1162,]	0.2661597727	-0.016030743	0.1228189	NaN	1.5912040
## [1163,]	0.8077960106	1.013924351	2.5247318	NaN	-0.6280274
## [1164,]	-0.5452325522	-0.612564549	-0.6778187	NaN	-0.6280274

## [1165,]	0.3063045763	0.791664229	1.3237753	NaN	1.5912040
## [1166,]	-0.1614142456	-0.535293331	0.5231377	NaN	1.5912040
## [1167,]	1.8477375873	-1.223850134	-0.2774999	NaN	-0.6280274
## [1168,]	-0.2257733751	1.093724446	1.3237753	NaN	1.5912040
## [1169,]	-0.5826160729	0.408117999	-0.6778187	NaN	1.5912040
## [1170,]	-0.6342308203	1.148797751	1.7240942	NaN	-0.6280274
## [1171,]	-0.8332555869	-1.126207412	-0.2774999	NaN	-0.6280274
## [1172,]	-0.9211918232	-1.541786074	0.1228189	NaN	1.5912040
## [1173,]	-0.1346510433	1.278472905	2.5247318	NaN	-0.6280274
## [1174,]	0.3196861774	1.191226674	0.5231377	NaN	-0.6280274
## [1175,]	-0.2754764651	-1.312220309	-0.6778187	NaN	-0.6280274
## [1176,]	-0.2565722984	-0.930079011	0.5231377	NaN	-0.6280274
## [1177,]	2.1049616987	-1.519447667	0.1228189	NaN	-0.6280274
## [1178,]	1.4371560784	1.077286751	0.9234565	NaN	-0.6280274
## [1179,]	-0.7901370943	-0.149218225	-0.6778187	NaN	-0.6280274
## [1180,]	-0.2272602196	0.705120464	-0.6778187	NaN	-0.6280274
## [1181,]	-0.9536899975	-0.472492904	-0.2774999	NaN	-0.6280274
## [1182,]	1.5852033167	-0.373866731	-0.2774999	NaN	1.5912040
## [1183,]	-0.4521985631	0.154246923	-1.0781375	NaN	-0.6280274
## [1184,]	0.0720203526	1.685200500	1.3237753	NaN	-0.6280274
## [1185,]	2.3201293493	0.614221413	0.1228189	NaN	-0.6280274
## [1186,]	2.3577252764	-1.515654353	-0.6778187	NaN	-0.6280274
## [1187,]	-0.4082304450	-0.547797219	0.1228189	NaN	1.5912040
## [1188,]	-0.3755198643	-0.624646958	1.7240942	NaN	-0.6280274
## [1189,]	-0.4919185539	-1.539397691	-0.6778187	NaN	1.5912040
## [1190,]	-0.2119669611	-1.460019076	-0.6778187	NaN	-0.6280274
## [1191,]	-0.2194011840	1.574210932	-1.0781375	NaN	-0.6280274
## [1192,]	-0.2181267458	1.162706570	-0.6778187	NaN	-0.6280274
## [1193,]	-0.8317687424	1.493146399	0.5231377	NaN	1.5912040
## [1194,]	-0.8629924784	1.336496565	-0.6778187	NaN	-0.6280274
## [1195,]	2.0112904905	0.951545404	1.3237753	NaN	-0.6280274
## [1196,]	1.8853335144	1.133905480	0.5231377	NaN	-0.6280274
## [1197,]	0.1229978809	-0.382436812	0.1228189	NaN	1.5912040
## [1198,]	-0.8018194445	0.950983432	-0.6778187	NaN	-0.6280274
## [1199,]	-0.2410666335	0.255261480	-0.6778187	NaN	1.5912040
## [1200,]	-0.2455271673	-0.968574127	1.3237753	NaN	-0.6280274
## [1201,]	-0.7026256707	-1.425457767	0.5231377	NaN	1.5912040
## [1202,]	-0.5339750147	0.881298842	-0.6778187	NaN	1.5912040
## [1203,]	-0.6790485639	1.666655407	1.7240942	NaN	-0.6280274
## [1204,]	0.1066425905	-1.525067392	0.1228189	NaN	-0.6280274
## [1205,]	-0.8173251093	-0.361503336	-0.2774999	NaN	1.5912040
## [1206,]	-1.0853819455	1.480642511	-0.6778187	NaN	-0.6280274
## [1207,]	-0.8353796506	-0.335512108	-0.6778187	NaN	-0.6280274
## [1208,]	-0.6299826930	1.323992677	0.9234565	NaN	-0.6280274
## [1209,]	-0.5346122338	-0.337338519	-0.6778187	NaN	-0.6280274
## [1210,]	0.9303544848	0.864580160	0.1228189	NaN	-0.6280274
## [1211,]	-0.9505039019	-0.094987879	-0.6778187	NaN	-0.6280274
## [1212,]	0.6419066374	-0.932326901	-0.6778187	NaN	-0.6280274
## [1213,]	-0.7591257646	0.846456547	-0.6778187	NaN	-0.6280274
## [1214,]	-0.8980395291	1.515906285	-0.6778187	NaN	1.5912040
## [1215,]	0.2922857560	0.069810556	-0.6778187	NaN	1.5912040
## [1216,]	-0.3341006226	-0.048203669	-1.0781375	NaN	1.5912040
## [1217,]	0.2854887522	-1.158239845	-0.6778187	NaN	1.5912040
## [1218,]	-0.4464635912	0.464034263	-0.6778187	NaN	-0.6280274

## [1219,]	0.5815832289	0.218592774	-0.6778187	NaN	-0.6280274
## [1220,]	-0.7495674780	1.559318660	2.5247318	NaN	-0.6280274
## [1221,]	-0.4250105480	-0.965764264	0.1228189	NaN	-0.6280274
## [1222,]	0.9016796252	-1.533918459	0.1228189	NaN	-0.6280274
## [1223,]	-1.0509721139	-0.383279770	-0.6778187	NaN	-0.6280274
## [1224,]	1.3664247579	1.383983241	1.7240942	NaN	-0.6280274
## [1225,]	-0.8916673381	-1.137446862	-0.6778187	NaN	-0.6280274
## [1226,]	2.1667719517	0.394209180	-0.6778187	NaN	-0.6280274
## [1227,]	-0.6520729552	0.428068023	1.3237753	NaN	-0.6280274
## [1228,]	-0.6427270750	0.532454414	-0.6778187	NaN	-0.6280274
## [1229,]	-0.0154910709	0.910521412	1.3237753	NaN	-0.6280274
## [1230,]	0.0027758767	-1.302666776	-0.2774999	NaN	1.5912040
## [1231,]	-0.5513923369	-1.502026520	-0.6778187	NaN	-0.6280274
## [1232,]	-0.1998597982	-0.648530789	1.3237753	NaN	-0.6280274
## [1233,]	0.0807290137	-1.287212533	-0.2774999	NaN	-0.6280274
## [1234,]	-0.7733569912	-1.475473319	-0.6778187	NaN	-0.6280274
## [1235,]	-0.3239051170	-1.514108929	1.7240942	NaN	-0.6280274
## [1236,]	0.8209652054	-1.224693092	0.5231377	NaN	1.5912040
## [1237,]	-0.0783633558	-0.794503146	0.9234565	NaN	1.5912040
## [1238,]	0.0492928712	-0.304322635	1.3237753	NaN	-0.6280274
## [1239,]	-0.6813850340	-0.203870051	-0.6778187	NaN	-0.6280274
## [1240,]	-0.2686794613	-1.073803477	-0.2774999	NaN	-0.6280274
## [1241,]	-0.0065700035	-0.747999921	-0.6778187	NaN	1.5912040
## [1242,]	0.6599611786	-1.471399019	0.1228189	NaN	-0.6280274
## [1243,]	2.8313914765	-1.399888019	-0.6778187	NaN	-0.6280274
## [1244,]	0.6909725083	-1.084340461	0.5231377	NaN	-0.6280274
## [1245,]	-0.3260291806	1.701919182	-1.0781375	NaN	-0.6280274
## [1246,]	-0.9256523569	-1.716278535	-1.0781375	NaN	-0.6280274
## [1247,]	-0.9182181340	-0.643613530	1.3237753	NaN	-0.6280274
## [1248,]	0.3914795297	0.931454887	-0.6778187	NaN	-0.6280274
## [1249,]	-0.6495240788	-1.146578915	-0.6778187	NaN	-0.6280274
## [1250,]	-0.7950224407	0.044521793	-0.6778187	NaN	-0.6280274
## [1251,]	-0.0443783370	1.228878832	2.1244130	NaN	1.5912040
## [1252,]	0.1353174502	-1.577049848	-0.2774999	NaN	-0.6280274
## [1253,]	-0.7584885455	-1.226098024	-1.0781375	NaN	1.5912040
## [1254,]	-0.2880084408	-0.508037665	2.1244130	NaN	-0.6280274
## [1255,]	-0.4239485162	-0.860113435	0.1228189	NaN	-0.6280274
## [1256,]	0.4377841179	-0.593036005	-0.2774999	NaN	1.5912040
## [1257,]	-0.8570451001	0.231799128	0.5231377	NaN	-0.6280274
## [1258,]	0.3521843517	0.658757733	-0.2774999	NaN	-0.6280274
## [1259,]	-0.9332989862	-0.604977921	-0.6778187	NaN	-0.6280274
## [1260,]	-0.2567847047	-0.728471377	0.1228189	NaN	-0.6280274
## [1261,]	-0.8039435082	0.472182864	-0.2774999	NaN	-0.6280274
## [1262,]	-0.1469706126	1.436668163	0.1228189	NaN	1.5912040
## [1263,]	-0.8636296975	0.178973713	2.5247318	NaN	1.5912040
## [1264,]	-0.7937480025	-0.753198167	2.1244130	NaN	-0.6280274
## [1265,]	2.6625284141	0.771573712	2.1244130	NaN	-0.6280274
## [1266,]	-0.7323625622	-1.140678204	0.9234565	NaN	-0.6280274
## [1267,]	-0.8950658400	0.872026296	-0.6778187	NaN	-0.6280274
## [1268,]	-0.5314261383	-0.281000776	-0.6778187	NaN	1.5912040
## [1269,]	1.3725845426	1.123228002	0.5231377	NaN	1.5912040
## [1270,]	-0.6295578802	-1.303790721	-1.0781375	NaN	-0.6280274
## [1271,]	-0.1006660244	1.551029566	0.9234565	NaN	-0.6280274
## [1272,]	-0.8122273565	-1.369260517	-0.6778187	NaN	-0.6280274

## [1273,]	-0.5949356423	0.289822788	-0.6778187	NaN	-0.6280274
## [1274,]	-0.8719135459	0.236856881	-0.6778187	NaN	1.5912040
## [1275,]	-0.2198259968	-0.128003763	-0.6778187	NaN	-0.6280274
## [1276,]	1.4046579041	1.218201354	-0.2774999	NaN	-0.6280274
## [1277,]	-0.4914937412	-0.774553122	-0.6778187	NaN	-0.6280274
## [1278,]	2.7241262608	-0.013361374	1.7240942	NaN	1.5912040
## [1279,]	0.3861693705	1.634763468	1.7240942	NaN	1.5912040
## [1280,]	-0.8838083025	-0.452542881	-0.6778187	NaN	1.5912040
## [1281,]	-0.5165576926	-0.208084844	-0.2774999	NaN	-0.6280274
## [1282,]	-0.1465457999	-0.115359382	-0.6778187	NaN	1.5912040
## [1283,]	-0.7136708019	-1.157256393	1.3237753	NaN	-0.6280274
## [1284,]	-0.9471054001	-1.233825145	-0.6778187	NaN	-0.6280274
## [1285,]	1.4785753201	-0.899030030	1.7240942	NaN	-0.6280274
## [1286,]	0.3160752692	1.524757352	2.1244130	NaN	-0.6280274
## [1287,]	-0.6639677118	1.586433833	0.5231377	NaN	-0.6280274
## [1288,]	-0.2049575510	-1.210643780	0.9234565	NaN	-0.6280274
## [1289,]	-0.1573785246	1.423040330	-0.2774999	NaN	-0.6280274
## [1290,]	-0.8307067105	-1.009317133	0.9234565	NaN	-0.6280274
## [1291,]	-0.2457395736	-1.138711300	0.5231377	NaN	-0.6280274
## [1292,]	-0.4863959883	-1.309550940	-0.6778187	NaN	-0.6280274
## [1293,]	-0.5046629360	0.684889454	-0.2774999	NaN	-0.6280274
## [1294,]	-0.8634172912	1.498344644	0.5231377	NaN	-0.6280274
## [1295,]	0.0779677309	0.170965605	0.1228189	NaN	-0.6280274
## [1296,]	0.8377453085	1.706274468	-1.0781375	NaN	1.5912040
## [1297,]	0.6720683416	-1.626081949	2.5247318	NaN	-0.6280274
## [1298,]	-0.9250151378	-1.043035483	-1.0781375	NaN	1.5912040
## [1299,]	0.5146752231	-0.487666162	0.5231377	NaN	-0.6280274
## [1300,]	0.0021386576	-0.738024910	0.5231377	NaN	-0.6280274
## [1301,]	0.0628868788	1.097939240	-0.6778187	NaN	-0.6280274
## [1302,]	2.0790481218	1.161020653	0.5231377	NaN	-0.6280274
## [1303,]	-0.8067047910	-0.648671282	-1.0781375	NaN	-0.6280274
## [1304,]	0.8135309825	0.696550383	2.1244130	NaN	1.5912040
## [1305,]	-0.4364804919	-0.500872516	-0.2774999	NaN	-0.6280274
## [1306,]	0.0745692290	0.194287464	0.5231377	NaN	-0.6280274
## [1307,]	0.6656961506	-0.848031026	-0.2774999	NaN	-0.6280274
## [1308,]	-0.6185127491	-0.223960567	-0.6778187	NaN	-0.6280274
## [1309,]	-0.2332075979	-1.414639797	-0.2774999	NaN	1.5912040
## [1310,]	-0.3863525891	-0.728892856	-0.6778187	NaN	-0.6280274
## [1311,]	1.9719953124	1.027130705	-0.2774999	NaN	1.5912040
## [1312,]	-1.0596807750	-0.884418745	-0.6778187	NaN	-0.6280274
## [1313,]	-0.7533907926	1.009007092	-1.0781375	NaN	-0.6280274
## [1314,]	-0.8852951470	-1.567355823	0.5231377	NaN	1.5912040
## [1315,]	-0.2865215962	0.751904675	0.5231377	NaN	-0.6280274
## [1316,]	0.0975091167	0.738979307	0.5231377	NaN	1.5912040
## [1317,]	-0.1758578786	0.693038055	-0.6778187	NaN	-0.6280274
## [1318,]	-0.8759492669	0.774524068	-1.0781375	NaN	1.5912040
## [1319,]	-0.5715709418	-1.027019266	-0.6778187	NaN	-0.6280274
## [1320,]	-0.3939992183	1.652465602	2.1244130	NaN	-0.6280274
## [1321,]	-0.7576389200	-1.145314477	0.1228189	NaN	-0.6280274
## [1322,]	-0.9341486116	-1.250684320	0.5231377	NaN	-0.6280274
## [1323,]	0.4407578071	0.797424447	0.1228189	NaN	-0.6280274
## [1324,]	-0.8064923846	-0.536557769	-0.6778187	NaN	-0.6280274
## [1325,]	-0.0252617639	0.959553512	2.1244130	NaN	-0.6280274
## [1326,]	-0.5384355484	-0.096814290	0.5231377	NaN	-0.6280274

## [1327,]	0.7230458699	1.668060339	1.7240942	NaN	1.5912040
## [1328,]	1.4278101982	-0.923616327	-0.2774999	NaN	-0.6280274
## [1329,]	-0.6293454738	-1.024911870	-0.6778187	NaN	-0.6280274
## [1330,]	-0.7856765605	0.157478265	-0.6778187	NaN	-0.6280274
## [1331,]	2.7377202683	1.155681914	1.7240942	NaN	-0.6280274
## [1332,]	2.7957072067	-0.102574508	0.5231377	NaN	-0.6280274
## [1333,]	-0.8632048848	0.061802448	-0.6778187	NaN	1.5912040
## [1334,]	0.1722761582	-0.042443451	0.9234565	NaN	-0.6280274
## [1335,]	-0.3672360160	1.339025441	-1.0781375	NaN	-0.6280274
## [1336,]	-0.5524543687	-1.288617464	2.1244130	NaN	-0.6280274
## [1337,]	-0.8158382648	-0.890459950	2.1244130	NaN	-0.6280274
## [1338,]	-0.7746314294	-1.492192001	-0.6778187	NaN	-0.6280274
## [1339,]	-1.1516527322	0.239666743	-0.6778187	NaN	-0.6280274
## [1340,]	-0.8561954746	1.654853985	-0.6778187	NaN	1.5912040
## [1341,]	-0.1762826914	-1.159504283	-0.6778187	NaN	1.5912040
## [1342,]	-0.4897944902	0.605651332	-0.6778187	NaN	-0.6280274
## [1343,]	0.6818390345	1.423321316	-0.2774999	NaN	1.5912040
## [1344,]	-0.9432820854	0.712426107	0.1228189	NaN	-0.6280274
## [1345,]	-0.4713151362	-0.101872042	0.9234565	NaN	1.5912040
## [1346,]	-0.3642623268	1.555946825	-1.0781375	NaN	1.5912040
## [1347,]	-0.1267920077	1.345207139	-1.0781375	NaN	-0.6280274
## [1348,]	-0.5558528706	-1.417590152	-0.6778187	NaN	-0.6280274
## [1349,]	2.1920483095	0.657212309	-0.2774999	NaN	-0.6280274
## [1350,]	-0.7582761391	0.083578882	-0.6778187	NaN	1.5912040
## [1351,]	-0.0006226252	1.782000262	-1.0781375	NaN	-0.6280274
## [1352,]	2.2666029446	-1.668510872	0.1228189	NaN	-0.6280274
## [1353,]	-0.3122227667	-0.695315000	-0.2774999	NaN	-0.6280274
## [1354,]	-0.8912425253	0.020637962	-0.6778187	NaN	1.5912040
## [1355,]	-0.8317687424	-0.569292667	-0.6778187	NaN	-0.6280274
## [1356,]	-0.2115421484	0.352482722	-0.2774999	NaN	-0.6280274
## [1357,]	-0.4481628421	1.760083335	0.9234565	NaN	-0.6280274
## [1358,]	1.4539361814	0.074306336	2.5247318	NaN	-0.6280274
## [1359,]	0.0170071033	0.815126580	-0.2774999	NaN	1.5912040
## [1360,]	0.3398647824	0.306541470	0.1228189	NaN	1.5912040
## [1361,]	-0.5363114848	0.241352661	2.1244130	NaN	-0.6280274
## [1362,]	-0.8409022162	-1.013110447	-1.0781375	NaN	-0.6280274
## [1363,]	-0.2344820361	0.027803111	0.5231377	NaN	-0.6280274
## [1364,]	-0.2157902758	-0.548359192	-0.6778187	NaN	-0.6280274
## [1365,]	0.0703211016	0.694302494	-0.6778187	NaN	1.5912040
## [1366,]	-1.1495286686	-0.515764787	-0.6778187	NaN	-0.6280274
## [1367,]	-0.1629010902	-1.450746530	1.3237753	NaN	-0.6280274
## [1368,]	-0.9084474411	-1.157677872	-0.6778187	NaN	-0.6280274
## [1369,]	-0.1605646201	1.711613207	-0.6778187	NaN	1.5912040
## [1370,]	0.7117883324	1.269902824	0.1228189	NaN	1.5912040
## [1371,]	-0.2200384031	-1.712344727	2.1244130	NaN	-0.6280274
## [1372,]	-0.2385177571	0.845051616	0.5231377	NaN	-0.6280274
## [1373,]	-0.2871588153	-0.280719790	-0.6778187	NaN	-0.6280274
## [1374,]	-0.9282012333	0.534140332	-0.6778187	NaN	1.5912040
## [1375,]	2.4154998084	-0.358552981	0.5231377	NaN	1.5912040
## [1376,]	-0.8646917294	0.141181063	0.1228189	NaN	1.5912040
## [1377,]	-0.3678732351	-0.002824390	-0.2774999	NaN	-0.6280274
## [1378,]	2.6886543974	-0.080798074	0.1228189	NaN	-0.6280274
## [1379,]	-0.3007528229	-1.603462556	0.1228189	NaN	1.5912040
## [1380,]	-0.7731445848	0.736450431	-0.6778187	NaN	-0.6280274

## [1381,]	-0.2000722045	0.233485046	-1.0781375	NaN	-0.6280274
## [1382,]	-0.9258647633	-1.712766206	-0.6778187	NaN	-0.6280274
## [1383,]	-0.7302384985	-1.449622585	-0.6778187	NaN	1.5912040
## [1384,]	-0.7844021223	-0.713017133	-0.6778187	NaN	-0.6280274
## [1385,]	0.7190101489	-1.059754164	-0.6778187	NaN	-0.6280274
## [1386,]	0.4513781255	1.208366836	-0.6778187	NaN	-0.6280274
## [1387,]	-0.7722949594	0.799812830	-1.0781375	NaN	-0.6280274
## [1388,]	-0.2400046017	-1.136322917	-1.0781375	NaN	-0.6280274
## [1389,]	0.0348492382	0.313144647	0.9234565	NaN	-0.6280274
## [1390,]	-0.3185949578	-1.200106796	-0.6778187	NaN	-0.6280274
## [1391,]	-0.8784981433	0.627427766	0.9234565	NaN	-0.6280274
## [1392,]	-0.7742066167	-0.399015000	0.5231377	NaN	-0.6280274
## [1393,]	-0.2759012778	-0.102153029	-0.6778187	NaN	1.5912040
## [1394,]	-0.5093358760	-1.294518175	-0.6778187	NaN	-0.6280274
## [1395,]	0.6746172180	-0.586573321	2.1244130	NaN	-0.6280274
## [1396,]	-0.1881774480	0.949999980	-0.6778187	NaN	1.5912040
## [1397,]	0.8379577148	-1.189991291	1.3237753	NaN	1.5912040
## [1398,]	-0.7659227683	1.146549861	0.1228189	NaN	-0.6280274
## [1399,]	-0.1136228129	0.529082579	-0.6778187	NaN	-0.6280274
## [1400,]	0.2139078063	0.359647871	-0.6778187	NaN	-0.6280274
## [1401,]	-0.7459565698	-1.276956535	-1.0781375	NaN	1.5912040
## [1402,]	2.7895474221	1.615375417	0.5231377	NaN	1.5912040
## [1403,]	-1.1414572266	0.452794813	-0.6778187	NaN	1.5912040
## [1404,]	1.4524493368	1.515203819	-1.0781375	NaN	-0.6280274
## [1405,]	-0.4611196306	0.069951049	-0.6778187	NaN	-0.6280274
## [1406,]	0.9617906273	1.763033691	0.5231377	NaN	-0.6280274
## [1407,]	-0.4381797428	1.529253132	1.3237753	NaN	1.5912040
## [1408,]	-0.4005838157	-0.027129700	-0.6778187	NaN	-0.6280274
## [1409,]	-0.8190243603	-0.090070620	-0.6778187	NaN	-0.6280274
## [1410,]	-0.0382185523	1.761207280	-0.6778187	NaN	-0.6280274
## [1411,]	-0.1754330659	-1.412672893	0.1228189	NaN	-0.6280274
## [1412,]	-0.9167312895	0.750499743	0.5231377	NaN	-0.6280274
## [1413,]	-0.5851649493	-1.438102148	-0.6778187	NaN	-0.6280274
## [1414,]	-0.5365238911	-0.985573795	1.3237753	NaN	1.5912040
## [1415,]	0.4524401573	-0.172680577	-0.2774999	NaN	-0.6280274
## [1416,]	-0.9547520293	0.860646353	-0.6778187	NaN	-0.6280274
## [1417,]	-0.4381797428	-0.938087119	-1.0781375	NaN	-0.6280274
## [1418,]	-0.7298136858	-1.112720072	-1.0781375	NaN	-0.6280274
## [1419,]	-0.2510497328	-0.004088828	-0.2774999	NaN	-0.6280274
## [1420,]	-0.2321455661	-0.438915048	1.3237753	NaN	1.5912040
## [1421,]	-0.7903495006	0.997346163	0.1228189	NaN	-0.6280274
## [1422,]	1.1584789238	0.409944410	-1.0781375	NaN	-0.6280274
## [1423,]	-0.8162630775	0.831564276	1.7240942	NaN	1.5912040
## [1424,]	-0.6643925245	0.465158208	-1.0781375	NaN	-0.6280274
## [1425,]	-0.2984163528	0.616047823	-0.6778187	NaN	-0.6280274
## [1426,]	-0.3451457537	1.031205006	-1.0781375	NaN	1.5912040
## [1427,]	-0.7786671504	0.225617431	-0.6778187	NaN	-0.6280274
## [1428,]	-0.8702142949	-1.440490531	2.1244130	NaN	-0.6280274
## [1429,]	-0.8993139673	0.521355457	-1.0781375	NaN	-0.6280274
## [1430,]	-0.5086986569	-1.260659332	1.7240942	NaN	-0.6280274
## [1431,]	1.4237744772	-1.536587829	0.1228189	NaN	-0.6280274
## [1432,]	0.8324351493	1.365438149	-0.6778187	NaN	-0.6280274
## [1433,]	1.5380491031	0.162676511	-0.6778187	NaN	1.5912040
## [1434,]	-0.3389859691	-0.088384702	-1.0781375	NaN	1.5912040

##	[1435,]	-0.6416650432	0.769185329	-0.2774999	NaN	-0.6280274
##	[1436,]	-0.8638421039	-0.125193901	1.3237753	NaN	1.5912040
##	[1437,]	-0.8757368605	1.568731700	-0.6778187	NaN	1.5912040
##	[1438,]	2.7460041167	0.138933173	-0.2774999	NaN	-0.6280274
##	[1439,]	-1.0010566175	1.776240044	-0.6778187	NaN	-0.6280274
##	[1440,]	0.2423702596	-0.227332402	-1.0781375	NaN	-0.6280274
##	[1441,]	-0.2914069427	-0.719479817	1.7240942	NaN	-0.6280274
##	[1442,]	-0.0418294605	1.675084995	-0.6778187	NaN	-0.6280274
##	[1443,]	-0.3644747332	1.659349765	2.5247318	NaN	1.5912040
##	[1444,]	2.6289682080	0.421324353	0.9234565	NaN	-0.6280274
##	[1445,]	-0.88444455216	-1.495844822	2.1244130	NaN	-0.6280274
##	[1446,]	1.5010903951	-1.218511395	-1.0781375	NaN	-0.6280274
##	[1447,]	0.0444075248	-0.749545346	-0.6778187	NaN	-0.6280274
##	[1448,]	-0.2329951916	-0.544706370	-0.6778187	NaN	-0.6280274
##	[1449,]	0.5172240995	-0.293083185	-0.2774999	NaN	-0.6280274
##	[1450,]	-0.8632048848	-0.425006228	-0.6778187	NaN	-0.6280274
##	[1451,]	0.4957710563	0.327193960	-0.6778187	NaN	1.5912040
##	[1452,]	-0.2463767927	-1.170462746	-0.6778187	NaN	-0.6280274
##	[1453,]	0.0478060267	-0.008163128	1.7240942	NaN	-0.6280274
##	[1454,]	0.0316631427	0.007853088	0.5231377	NaN	-0.6280274
##	[1455,]	-0.3510931320	1.267233455	2.1244130	NaN	-0.6280274
##	[1456,]	-0.7846145287	-1.628048852	-0.2774999	NaN	-0.6280274
##	[1457,]	-0.1728841895	1.444395285	-0.6778187	NaN	1.5912040
##	[1458,]	-0.9562388739	-0.247844399	-0.2774999	NaN	-0.6280274
##	[1459,]	-0.7489302589	-0.753198167	-0.6778187	NaN	-0.6280274
##	[1460,]	-0.5263283855	1.315844076	0.5231377	NaN	1.5912040
##	[1461,]	-0.5773059137	-0.818246484	-0.6778187	NaN	-0.6280274
##	[1462,]	0.9241947002	0.319326345	0.5231377	NaN	1.5912040
##	[1463,]	1.1741969950	-0.770619314	-1.0781375	NaN	-0.6280274
##	[1464,]	0.7292056545	-1.478845154	-1.0781375	NaN	-0.6280274
##	[1465,]	-0.7512667290	0.992569397	-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,]	-1.15016269	-0.426085	-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		
##	[12,]	-0.87693400	-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,]	-1.15016269	-0.426085	0.2661420		
##	[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

##	[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
##	[120,]	-0.87693400	-0.426085	1.1910327
##	[121,]	2.67503902	2.345353	0.2661420
##	[122,]	-0.60370530	-0.426085	-1.5836393
##	[123,]	0.76243816	-0.426085	-1.5836393
##	[124,]	-0.60370530	-0.426085	0.2661420
##	[125,]	0.76243816	-0.426085	-0.6587487

## [126,]	1.03566686	-0.426085	0.2661420
## [127,]	-0.87693400	-0.426085	1.1910327
## [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
## [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
## [147,]	-0.60370530	-0.426085	1.1910327
## [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

##	[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

##	[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

## [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	-0.426085	-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

##	[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

##	[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	0.2661420
##	[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,]	-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	0.2661420
## [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	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

## [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
## [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
## [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
## [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
## [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

## [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

## [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
## [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	-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
##	[1430,]	-0.60370530	-0.426085	-1.5836393
##	[1431,]	-0.87693400	-0.426085	-1.5836393
##	[1432,]	1.03566686	-0.426085	0.2661420
##	[1433,]	2.67503902	2.345353	-1.5836393
##	[1434,]	1.85535294	2.345353	-0.6587487
##	[1435,]	-0.05724792	-0.426085	-0.6587487
##	[1436,]	-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
##	[1442,]	1.58212424	2.345353	-1.5836393
##	[1443,]	-0.33047661	-0.426085	-0.6587487
##	[1444,]	-1.15016269	-0.426085	-1.5836393
##	[1445,]	-1.15016269	-0.426085	1.1910327
##	[1446,]	2.12858163	2.345353	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,]	0.21598078	-0.426085	0.2661420
##	[1452,]	-1.15016269	-0.426085	0.2661420
##	[1453,]	-0.87693400	-0.426085	1.1910327
##	[1454,]	-0.60370530	-0.426085	-1.5836393
##	[1455,]	-0.05724792	-0.426085	0.2661420
##	[1456,]	-0.33047661	-0.426085	1.1910327
##	[1457,]	-0.33047661	-0.426085	1.1910327
##	[1458,]	-0.33047661	-0.426085	-0.6587487
##	[1459,]	-0.87693400	-0.426085	1.1910327
##	[1460,]	-0.60370530	-0.426085	-1.5836393
##	[1461,]	-0.33047661	-0.426085	-0.6587487
##	[1462,]	-0.60370530	-0.426085	-0.6587487
##	[1463,]	-1.15016269	-0.426085	-1.5836393
##	[1464,]	1.03566686	-0.426085	-0.6587487
##	[1465,]	0.76243816	-0.426085	1.1910327
##	[1466,]	0.48920947	-0.426085	0.2661420
##	[1467,]	-0.05724792	-0.426085	-1.5836393
##	[1468,]	1.30889555	2.345353	-0.6587487
##	[1469,]	-0.33047661	-0.426085	1.1910327
##	[1470,]	-0.87693400	-0.426085	-1.5836393
##	StandardHours StockOptionLevel TotalWorkingYears TrainingTimesLastYear			
##	[1,]	NaN	-0.9316973	-0.42149902
##	[2,]	NaN	0.2419060	-0.16445544
##	[3,]	NaN	-0.9316973	-0.55002081
##	[4,]	NaN	-0.9316973	-0.42149902

##	[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
##	[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
##	[25,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[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
##	[39,]	NaN	0.2419060	-0.67854260	0.1556541
##	[40,]	NaN	1.4155093	-0.16445544	0.1556541
##	[41,]	NaN	0.2419060	-1.32115156	0.1556541
##	[42,]	NaN	0.2419060	-1.32115156	2.4825512
##	[43,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[44,]	NaN	-0.9316973	-0.29297723	-2.1712429
##	[45,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[46,]	NaN	-0.9316973	1.50632785	-2.1712429
##	[47,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[48,]	NaN	-0.9316973	-0.42149902	-1.3956106
##	[49,]	NaN	-0.9316973	0.34963173	0.9312865
##	[50,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[51,]	NaN	-0.9316973	1.50632785	-0.6199782
##	[52,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[53,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[54,]	NaN	0.2419060	-0.16445544	0.1556541
##	[55,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[56,]	NaN	-0.9316973	0.47815352	-1.3956106
##	[57,]	NaN	0.2419060	-0.29297723	0.1556541
##	[58,]	NaN	0.2419060	-0.93558618	0.1556541

##	[59,]	NaN	0.2419060	-0.16445544	0.1556541
##	[60,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[61,]	NaN	0.2419060	-0.29297723	0.1556541
##	[62,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[63,]	NaN	0.2419060	2.27745860	-0.6199782
##	[64,]	NaN	-0.9316973	2.14893681	0.1556541
##	[65,]	NaN	2.5891126	0.73519711	-0.6199782
##	[66,]	NaN	2.5891126	1.24928427	-0.6199782
##	[67,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[68,]	NaN	0.2419060	1.76337144	-0.6199782
##	[69,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[70,]	NaN	0.2419060	-1.19262977	-2.1712429
##	[71,]	NaN	-0.9316973	1.12076248	-0.6199782
##	[72,]	NaN	0.2419060	-0.67854260	0.1556541
##	[73,]	NaN	-0.9316973	-1.32115156	0.9312865
##	[74,]	NaN	1.4155093	-0.16445544	0.1556541
##	[75,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[76,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[77,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[78,]	NaN	-0.9316973	0.73519711	0.1556541
##	[79,]	NaN	-0.9316973	0.60667531	0.1556541
##	[80,]	NaN	0.2419060	0.60667531	-0.6199782
##	[81,]	NaN	1.4155093	-0.16445544	-1.3956106
##	[82,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[83,]	NaN	0.2419060	1.63484965	0.9312865
##	[84,]	NaN	2.5891126	0.73519711	0.1556541
##	[85,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[86,]	NaN	-0.9316973	3.30563293	0.1556541
##	[87,]	NaN	0.2419060	-1.06410798	0.1556541
##	[88,]	NaN	1.4155093	-0.16445544	0.9312865
##	[89,]	NaN	2.5891126	-0.03593364	0.1556541
##	[90,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[91,]	NaN	0.2419060	1.37780606	0.1556541
##	[92,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[93,]	NaN	2.5891126	-0.03593364	0.9312865
##	[94,]	NaN	0.2419060	1.24928427	1.7069188
##	[95,]	NaN	-0.9316973	0.09258815	-2.1712429
##	[96,]	NaN	0.2419060	0.60667531	1.7069188
##	[97,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[98,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[99,]	NaN	-0.9316973	3.43415473	-1.3956106
##	[100,]	NaN	0.2419060	0.73519711	0.1556541
##	[101,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[102,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[103,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[104,]	NaN	-0.9316973	0.60667531	0.1556541
##	[105,]	NaN	0.2419060	0.73519711	-0.6199782
##	[106,]	NaN	0.2419060	2.40598039	0.1556541
##	[107,]	NaN	-0.9316973	2.14893681	-1.3956106
##	[108,]	NaN	-0.9316973	-0.67854260	-1.3956106
##	[109,]	NaN	1.4155093	-1.19262977	-0.6199782
##	[110,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[111,]	NaN	-0.9316973	1.50632785	-1.3956106
##	[112,]	NaN	-0.9316973	-0.29297723	0.1556541

##	[113,]	NaN	-0.9316973	1.50632785	0.1556541
##	[114,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[115,]	NaN	0.2419060	0.09258815	0.1556541
##	[116,]	NaN	-0.9316973	0.09258815	0.1556541
##	[117,]	NaN	-0.9316973	0.34963173	2.4825512
##	[118,]	NaN	0.2419060	-0.16445544	2.4825512
##	[119,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[120,]	NaN	1.4155093	1.76337144	0.1556541
##	[121,]	NaN	2.5891126	-0.16445544	-0.6199782
##	[122,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[123,]	NaN	2.5891126	-0.55002081	-0.6199782
##	[124,]	NaN	-0.9316973	1.50632785	1.7069188
##	[125,]	NaN	-0.9316973	0.09258815	0.1556541
##	[126,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[127,]	NaN	0.2419060	3.69119831	0.1556541
##	[128,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[129,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[130,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[131,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[132,]	NaN	-0.9316973	0.60667531	0.1556541
##	[133,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[134,]	NaN	0.2419060	0.09258815	-0.6199782
##	[135,]	NaN	0.2419060	-0.42149902	0.1556541
##	[136,]	NaN	1.4155093	-0.55002081	-2.1712429
##	[137,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[138,]	NaN	0.2419060	0.73519711	-1.3956106
##	[139,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[140,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[141,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[142,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[143,]	NaN	-0.9316973	0.99224069	-0.6199782
##	[144,]	NaN	-0.9316973	-0.80706439	0.9312865
##	[145,]	NaN	2.5891126	-0.29297723	-0.6199782
##	[146,]	NaN	0.2419060	-0.42149902	0.1556541
##	[147,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[148,]	NaN	0.2419060	1.24928427	-0.6199782
##	[149,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[150,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[151,]	NaN	0.2419060	1.12076248	-0.6199782
##	[152,]	NaN	1.4155093	-0.16445544	0.1556541
##	[153,]	NaN	0.2419060	0.22110994	0.1556541
##	[154,]	NaN	0.2419060	1.12076248	-0.6199782
##	[155,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[156,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[157,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[158,]	NaN	0.2419060	-0.29297723	0.1556541
##	[159,]	NaN	0.2419060	0.47815352	-0.6199782
##	[160,]	NaN	0.2419060	-0.67854260	0.1556541
##	[161,]	NaN	1.4155093	-1.19262977	2.4825512
##	[162,]	NaN	0.2419060	-0.67854260	-1.3956106
##	[163,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[164,]	NaN	0.2419060	0.09258815	-0.6199782
##	[165,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[166,]	NaN	-0.9316973	1.24928427	1.7069188

##	[167,]	NaN	0.2419060	0.22110994	-0.6199782
##	[168,]	NaN	0.2419060	0.09258815	-0.6199782
##	[169,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[170,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[171,]	NaN	0.2419060	-0.67854260	0.1556541
##	[172,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[173,]	NaN	-0.9316973	0.22110994	0.1556541
##	[174,]	NaN	1.4155093	0.09258815	0.9312865
##	[175,]	NaN	0.2419060	-0.29297723	0.1556541
##	[176,]	NaN	0.2419060	0.99224069	0.1556541
##	[177,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[178,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[179,]	NaN	2.5891126	1.63484965	-0.6199782
##	[180,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[181,]	NaN	0.2419060	-0.55002081	-2.1712429
##	[182,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[183,]	NaN	-0.9316973	-0.93558618	1.7069188
##	[184,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[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
##	[195,]	NaN	0.2419060	1.37780606	-1.3956106
##	[196,]	NaN	0.2419060	-0.42149902	0.1556541
##	[197,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[198,]	NaN	0.2419060	-0.03593364	1.7069188
##	[199,]	NaN	-0.9316973	0.34963173	0.1556541
##	[200,]	NaN	0.2419060	-0.29297723	0.1556541
##	[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
##	[206,]	NaN	2.5891126	-0.16445544	0.1556541
##	[207,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[208,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[209,]	NaN	0.2419060	-0.80706439	1.7069188
##	[210,]	NaN	0.2419060	0.73519711	0.1556541
##	[211,]	NaN	-0.9316973	0.34963173	-0.6199782
##	[212,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[213,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[214,]	NaN	1.4155093	0.60667531	1.7069188
##	[215,]	NaN	-0.9316973	-0.42149902	1.7069188
##	[216,]	NaN	-0.9316973	0.60667531	0.1556541
##	[217,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[218,]	NaN	-0.9316973	-0.55002081	-1.3956106
##	[219,]	NaN	-0.9316973	1.50632785	-0.6199782
##	[220,]	NaN	0.2419060	0.60667531	0.9312865

##	[221,]	NaN	-0.9316973	0.60667531	0.1556541
##	[222,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[223,]	NaN	2.5891126	-0.16445544	-1.3956106
##	[224,]	NaN	1.4155093	0.73519711	2.4825512
##	[225,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[226,]	NaN	0.2419060	-0.55002081	2.4825512
##	[227,]	NaN	0.2419060	0.22110994	-0.6199782
##	[228,]	NaN	0.2419060	-0.03593364	1.7069188
##	[229,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[230,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[231,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[232,]	NaN	-0.9316973	1.37780606	0.1556541
##	[233,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[234,]	NaN	0.2419060	2.66302398	0.1556541
##	[235,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[236,]	NaN	0.2419060	1.37780606	0.1556541
##	[237,]	NaN	-0.9316973	0.22110994	0.1556541
##	[238,]	NaN	-0.9316973	2.79154577	-0.6199782
##	[239,]	NaN	0.2419060	-0.67854260	1.7069188
##	[240,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[241,]	NaN	2.5891126	-0.55002081	-1.3956106
##	[242,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[243,]	NaN	1.4155093	0.73519711	-0.6199782
##	[244,]	NaN	1.4155093	-0.29297723	0.1556541
##	[245,]	NaN	0.2419060	1.76337144	-0.6199782
##	[246,]	NaN	0.2419060	-0.29297723	0.1556541
##	[247,]	NaN	0.2419060	-1.19262977	-0.6199782
##	[248,]	NaN	0.2419060	0.22110994	0.1556541
##	[249,]	NaN	0.2419060	0.73519711	-0.6199782
##	[250,]	NaN	0.2419060	-0.29297723	-1.3956106
##	[251,]	NaN	1.4155093	0.73519711	1.7069188
##	[252,]	NaN	-0.9316973	1.12076248	-1.3956106
##	[253,]	NaN	-0.9316973	-0.67854260	-1.3956106
##	[254,]	NaN	-0.9316973	-0.16445544	-1.3956106
##	[255,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[256,]	NaN	1.4155093	-0.80706439	0.1556541
##	[257,]	NaN	0.2419060	-0.16445544	0.9312865
##	[258,]	NaN	0.2419060	1.37780606	1.7069188
##	[259,]	NaN	-0.9316973	-1.32115156	-2.1712429
##	[260,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[261,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[262,]	NaN	0.2419060	0.22110994	-2.1712429
##	[263,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[264,]	NaN	0.2419060	2.14893681	-0.6199782
##	[265,]	NaN	-0.9316973	-0.80706439	1.7069188
##	[266,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[267,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[268,]	NaN	1.4155093	-0.67854260	-0.6199782
##	[269,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[270,]	NaN	0.2419060	0.60667531	0.9312865
##	[271,]	NaN	-0.9316973	3.30563293	-0.6199782
##	[272,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[273,]	NaN	0.2419060	-0.80706439	0.1556541
##	[274,]	NaN	0.2419060	-0.55002081	1.7069188

##	[275,]	NaN	-0.9316973	-1.06410798	0.9312865
##	[276,]	NaN	1.4155093	0.47815352	-0.6199782
##	[277,]	NaN	0.2419060	-0.16445544	2.4825512
##	[278,]	NaN	0.2419060	-0.42149902	0.1556541
##	[279,]	NaN	0.2419060	-0.67854260	2.4825512
##	[280,]	NaN	1.4155093	2.14893681	0.9312865
##	[281,]	NaN	2.5891126	1.24928427	1.7069188
##	[282,]	NaN	-0.9316973	1.12076248	0.1556541
##	[283,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[284,]	NaN	0.2419060	0.09258815	0.9312865
##	[285,]	NaN	0.2419060	-0.80706439	0.1556541
##	[286,]	NaN	-0.9316973	0.73519711	0.1556541
##	[287,]	NaN	0.2419060	0.99224069	-2.1712429
##	[288,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[289,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[290,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[291,]	NaN	-0.9316973	1.37780606	0.9312865
##	[292,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[293,]	NaN	0.2419060	-1.19262977	1.7069188
##	[294,]	NaN	-0.9316973	-0.42149902	-2.1712429
##	[295,]	NaN	2.5891126	-0.93558618	0.1556541
##	[296,]	NaN	0.2419060	1.50632785	-0.6199782
##	[297,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[298,]	NaN	1.4155093	0.09258815	0.1556541
##	[299,]	NaN	1.4155093	-0.93558618	-0.6199782
##	[300,]	NaN	0.2419060	0.22110994	0.1556541
##	[301,]	NaN	-0.9316973	1.37780606	-0.6199782
##	[302,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[303,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[304,]	NaN	0.2419060	-0.16445544	0.1556541
##	[305,]	NaN	2.5891126	0.99224069	1.7069188
##	[306,]	NaN	0.2419060	-0.03593364	0.1556541
##	[307,]	NaN	0.2419060	0.22110994	0.1556541
##	[308,]	NaN	0.2419060	0.99224069	-0.6199782
##	[309,]	NaN	0.2419060	0.09258815	-0.6199782
##	[310,]	NaN	0.2419060	-0.67854260	0.9312865
##	[311,]	NaN	-0.9316973	-0.29297723	-1.3956106
##	[312,]	NaN	0.2419060	1.63484965	-0.6199782
##	[313,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[314,]	NaN	1.4155093	0.09258815	-0.6199782
##	[315,]	NaN	-0.9316973	1.24928427	0.1556541
##	[316,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[317,]	NaN	-0.9316973	1.76337144	-0.6199782
##	[318,]	NaN	-0.9316973	-0.03593364	0.1556541
##	[319,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[320,]	NaN	-0.9316973	0.22110994	-0.6199782
##	[321,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[322,]	NaN	2.5891126	0.22110994	0.1556541
##	[323,]	NaN	-0.9316973	-0.16445544	-2.1712429
##	[324,]	NaN	-0.9316973	-0.80706439	0.9312865
##	[325,]	NaN	1.4155093	-0.03593364	-0.6199782
##	[326,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[327,]	NaN	0.2419060	1.24928427	-0.6199782
##	[328,]	NaN	-0.9316973	0.09258815	0.1556541

##	[329,]	NaN	-0.9316973	-0.29297723	2.4825512
##	[330,]	NaN	0.2419060	1.24928427	-0.6199782
##	[331,]	NaN	0.2419060	-0.29297723	0.1556541
##	[332,]	NaN	0.2419060	-0.67854260	-2.1712429
##	[333,]	NaN	-0.9316973	1.12076248	0.9312865
##	[334,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[335,]	NaN	1.4155093	0.09258815	0.1556541
##	[336,]	NaN	2.5891126	-0.67854260	-0.6199782
##	[337,]	NaN	-0.9316973	-0.55002081	0.9312865
##	[338,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[339,]	NaN	2.5891126	-0.16445544	-0.6199782
##	[340,]	NaN	0.2419060	-0.42149902	0.1556541
##	[341,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[342,]	NaN	0.2419060	0.09258815	0.1556541
##	[343,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[344,]	NaN	1.4155093	-0.55002081	-0.6199782
##	[345,]	NaN	-0.9316973	0.73519711	1.7069188
##	[346,]	NaN	1.4155093	-0.93558618	-0.6199782
##	[347,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[348,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[349,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[350,]	NaN	0.2419060	-0.93558618	0.1556541
##	[351,]	NaN	0.2419060	-0.93558618	1.7069188
##	[352,]	NaN	0.2419060	-0.42149902	0.9312865
##	[353,]	NaN	0.2419060	0.47815352	0.1556541
##	[354,]	NaN	1.4155093	0.22110994	-0.6199782
##	[355,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[356,]	NaN	0.2419060	-0.42149902	0.1556541
##	[357,]	NaN	-0.9316973	0.34963173	2.4825512
##	[358,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[359,]	NaN	-0.9316973	-0.55002081	2.4825512
##	[360,]	NaN	0.2419060	0.60667531	-0.6199782
##	[361,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[362,]	NaN	0.2419060	-0.16445544	0.1556541
##	[363,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[364,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[365,]	NaN	0.2419060	0.73519711	0.1556541
##	[366,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[367,]	NaN	-0.9316973	-0.42149902	1.7069188
##	[368,]	NaN	-0.9316973	1.12076248	-0.6199782
##	[369,]	NaN	1.4155093	-0.42149902	2.4825512
##	[370,]	NaN	-0.9316973	-1.06410798	1.7069188
##	[371,]	NaN	-0.9316973	-1.32115156	-2.1712429
##	[372,]	NaN	-0.9316973	-0.67854260	0.9312865
##	[373,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[374,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[375,]	NaN	-0.9316973	-0.55002081	-1.3956106
##	[376,]	NaN	-0.9316973	1.89189323	-0.6199782
##	[377,]	NaN	0.2419060	0.86371890	-0.6199782
##	[378,]	NaN	0.2419060	-0.67854260	0.1556541
##	[379,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[380,]	NaN	-0.9316973	2.40598039	-0.6199782
##	[381,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[382,]	NaN	0.2419060	-1.32115156	0.1556541

##	[383,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[384,]	NaN	0.2419060	-1.19262977	-1.3956106
##	[385,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[386,]	NaN	-0.9316973	-1.06410798	0.9312865
##	[387,]	NaN	0.2419060	0.86371890	-0.6199782
##	[388,]	NaN	1.4155093	-0.42149902	1.7069188
##	[389,]	NaN	0.2419060	-0.42149902	1.7069188
##	[390,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[391,]	NaN	0.2419060	1.76337144	0.1556541
##	[392,]	NaN	0.2419060	1.12076248	0.1556541
##	[393,]	NaN	0.2419060	1.63484965	0.9312865
##	[394,]	NaN	0.2419060	-0.67854260	0.1556541
##	[395,]	NaN	0.2419060	0.22110994	1.7069188
##	[396,]	NaN	0.2419060	-0.42149902	-1.3956106
##	[397,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[398,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[399,]	NaN	1.4155093	0.47815352	-0.6199782
##	[400,]	NaN	0.2419060	-0.93558618	0.1556541
##	[401,]	NaN	0.2419060	1.24928427	0.1556541
##	[402,]	NaN	2.5891126	3.17711114	-2.1712429
##	[403,]	NaN	-0.9316973	-0.67854260	2.4825512
##	[404,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[405,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[406,]	NaN	0.2419060	-0.67854260	1.7069188
##	[407,]	NaN	-0.9316973	2.14893681	0.9312865
##	[408,]	NaN	1.4155093	-0.42149902	0.1556541
##	[409,]	NaN	-0.9316973	2.53450219	-0.6199782
##	[410,]	NaN	0.2419060	0.99224069	0.1556541
##	[411,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[412,]	NaN	-0.9316973	2.79154577	1.7069188
##	[413,]	NaN	0.2419060	0.99224069	1.7069188
##	[414,]	NaN	2.5891126	-0.55002081	0.9312865
##	[415,]	NaN	-0.9316973	-0.67854260	0.9312865
##	[416,]	NaN	0.2419060	-1.06410798	0.1556541
##	[417,]	NaN	0.2419060	-1.32115156	0.1556541
##	[418,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[419,]	NaN	1.4155093	-1.06410798	0.1556541
##	[420,]	NaN	0.2419060	-0.29297723	0.1556541
##	[421,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[422,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[423,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[424,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[425,]	NaN	0.2419060	2.66302398	0.1556541
##	[426,]	NaN	0.2419060	2.14893681	-0.6199782
##	[427,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[428,]	NaN	-0.9316973	1.37780606	1.7069188
##	[429,]	NaN	2.5891126	1.12076248	-0.6199782
##	[430,]	NaN	-0.9316973	1.89189323	-0.6199782
##	[431,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[432,]	NaN	-0.9316973	0.99224069	0.1556541
##	[433,]	NaN	0.2419060	0.34963173	0.1556541
##	[434,]	NaN	0.2419060	0.47815352	0.1556541
##	[435,]	NaN	0.2419060	0.22110994	2.4825512
##	[436,]	NaN	-0.9316973	0.47815352	-0.6199782

##	[437,]	NaN	2.5891126	-0.42149902	-0.6199782
##	[438,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[439,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[440,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[441,]	NaN	2.5891126	-0.03593364	-0.6199782
##	[442,]	NaN	0.2419060	-0.42149902	0.9312865
##	[443,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[444,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[445,]	NaN	0.2419060	0.34963173	-0.6199782
##	[446,]	NaN	-0.9316973	3.30563293	-0.6199782
##	[447,]	NaN	-0.9316973	0.60667531	0.1556541
##	[448,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[449,]	NaN	-0.9316973	1.37780606	0.1556541
##	[450,]	NaN	0.2419060	-0.42149902	0.1556541
##	[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
##	[458,]	NaN	-0.9316973	-1.44967335	0.1556541
##	[459,]	NaN	0.2419060	1.12076248	-0.6199782
##	[460,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[461,]	NaN	1.4155093	-0.42149902	1.7069188
##	[462,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[463,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[464,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[465,]	NaN	-0.9316973	0.09258815	0.1556541
##	[466,]	NaN	-0.9316973	2.14893681	0.1556541
##	[467,]	NaN	0.2419060	1.37780606	-0.6199782
##	[468,]	NaN	0.2419060	-0.29297723	2.4825512
##	[469,]	NaN	1.4155093	0.86371890	0.1556541
##	[470,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[471,]	NaN	1.4155093	-1.06410798	0.1556541
##	[472,]	NaN	0.2419060	0.86371890	0.9312865
##	[473,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[474,]	NaN	0.2419060	2.53450219	1.7069188
##	[475,]	NaN	1.4155093	-0.67854260	0.1556541
##	[476,]	NaN	1.4155093	-0.67854260	1.7069188
##	[477,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[478,]	NaN	0.2419060	2.66302398	-0.6199782
##	[479,]	NaN	-0.9316973	-0.55002081	-1.3956106
##	[480,]	NaN	0.2419060	-0.67854260	0.9312865
##	[481,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[482,]	NaN	0.2419060	-0.67854260	0.1556541
##	[483,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[484,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[485,]	NaN	1.4155093	0.22110994	0.9312865
##	[486,]	NaN	1.4155093	-0.67854260	1.7069188
##	[487,]	NaN	0.2419060	0.73519711	0.1556541
##	[488,]	NaN	-0.9316973	-1.32115156	-2.1712429
##	[489,]	NaN	1.4155093	-0.16445544	0.9312865
##	[490,]	NaN	0.2419060	1.24928427	0.1556541

##	[491,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[492,]	NaN	0.2419060	-0.16445544	0.1556541
##	[493,]	NaN	0.2419060	1.24928427	0.1556541
##	[494,]	NaN	-0.9316973	-0.16445544	-1.3956106
##	[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
##	[499,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[500,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[501,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[502,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[503,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[504,]	NaN	0.2419060	-0.16445544	0.9312865
##	[505,]	NaN	1.4155093	-0.80706439	0.9312865
##	[506,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[507,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[508,]	NaN	0.2419060	-0.67854260	1.7069188
##	[509,]	NaN	-0.9316973	0.73519711	0.1556541
##	[510,]	NaN	0.2419060	0.47815352	-0.6199782
##	[511,]	NaN	0.2419060	0.60667531	-1.3956106
##	[512,]	NaN	0.2419060	0.22110994	-0.6199782
##	[513,]	NaN	-0.9316973	-0.80706439	-2.1712429
##	[514,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[515,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[516,]	NaN	1.4155093	-1.32115156	0.1556541
##	[517,]	NaN	0.2419060	-0.80706439	0.1556541
##	[518,]	NaN	0.2419060	-0.93558618	0.9312865
##	[519,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[520,]	NaN	0.2419060	-0.16445544	1.7069188
##	[521,]	NaN	-0.9316973	0.09258815	0.1556541
##	[522,]	NaN	1.4155093	-0.67854260	0.1556541
##	[523,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[524,]	NaN	2.5891126	1.12076248	0.1556541
##	[525,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[526,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[527,]	NaN	-0.9316973	1.12076248	0.9312865
##	[528,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[529,]	NaN	0.2419060	0.86371890	0.9312865
##	[530,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[531,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[532,]	NaN	-0.9316973	-0.16445544	2.4825512
##	[533,]	NaN	-0.9316973	1.12076248	-0.6199782
##	[534,]	NaN	0.2419060	1.12076248	-0.6199782
##	[535,]	NaN	-0.9316973	2.66302398	0.1556541
##	[536,]	NaN	2.5891126	1.50632785	-0.6199782
##	[537,]	NaN	-0.9316973	-0.16445544	-1.3956106
##	[538,]	NaN	1.4155093	-0.29297723	0.9312865
##	[539,]	NaN	0.2419060	1.37780606	0.1556541
##	[540,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[541,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[542,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[543,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[544,]	NaN	-0.9316973	-0.29297723	1.7069188

##	[545,]	NaN	1.4155093	2.14893681	-0.6199782
##	[546,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[547,]	NaN	-0.9316973	-1.32115156	2.4825512
##	[548,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[549,]	NaN	0.2419060	-0.55002081	1.7069188
##	[550,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[551,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[552,]	NaN	0.2419060	0.09258815	0.1556541
##	[553,]	NaN	-0.9316973	2.40598039	-1.3956106
##	[554,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[555,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[556,]	NaN	1.4155093	-1.19262977	-0.6199782
##	[557,]	NaN	-0.9316973	0.99224069	0.9312865
##	[558,]	NaN	0.2419060	0.60667531	-0.6199782
##	[559,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[560,]	NaN	0.2419060	-0.67854260	-2.1712429
##	[561,]	NaN	0.2419060	-0.55002081	0.1556541
##	[562,]	NaN	-0.9316973	2.92006756	0.1556541
##	[563,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[564,]	NaN	-0.9316973	-0.67854260	1.7069188
##	[565,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[566,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[567,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[568,]	NaN	-0.9316973	-0.67854260	1.7069188
##	[569,]	NaN	0.2419060	1.63484965	-0.6199782
##	[570,]	NaN	-0.9316973	-0.16445544	-1.3956106
##	[571,]	NaN	0.2419060	-0.80706439	0.1556541
##	[572,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[573,]	NaN	0.2419060	-0.03593364	0.1556541
##	[574,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[575,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[576,]	NaN	1.4155093	-0.29297723	0.9312865
##	[577,]	NaN	0.2419060	-0.80706439	0.1556541
##	[578,]	NaN	1.4155093	-0.67854260	0.1556541
##	[579,]	NaN	-0.9316973	0.73519711	-0.6199782
##	[580,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[581,]	NaN	0.2419060	-1.06410798	-1.3956106
##	[582,]	NaN	1.4155093	-0.55002081	-0.6199782
##	[583,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[584,]	NaN	0.2419060	-0.67854260	-1.3956106
##	[585,]	NaN	0.2419060	1.63484965	0.9312865
##	[586,]	NaN	1.4155093	-1.32115156	-0.6199782
##	[587,]	NaN	2.5891126	-1.32115156	0.9312865
##	[588,]	NaN	0.2419060	-0.29297723	0.1556541
##	[589,]	NaN	-0.9316973	2.40598039	0.1556541
##	[590,]	NaN	0.2419060	-1.32115156	-1.3956106
##	[591,]	NaN	-0.9316973	0.34963173	0.1556541
##	[592,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[593,]	NaN	0.2419060	1.89189323	0.1556541
##	[594,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[595,]	NaN	0.2419060	-0.16445544	0.1556541
##	[596,]	NaN	-0.9316973	3.69119831	-0.6199782
##	[597,]	NaN	-0.9316973	-0.55002081	-2.1712429
##	[598,]	NaN	0.2419060	-0.42149902	0.9312865

##	[599,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[600,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[601,]	NaN	0.2419060	0.34963173	0.1556541
##	[602,]	NaN	-0.9316973	-0.16445544	2.4825512
##	[603,]	NaN	-0.9316973	0.09258815	0.9312865
##	[604,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[605,]	NaN	0.2419060	-0.16445544	0.1556541
##	[606,]	NaN	0.2419060	0.22110994	0.1556541
##	[607,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[608,]	NaN	1.4155093	-0.29297723	0.1556541
##	[609,]	NaN	-0.9316973	0.09258815	0.1556541
##	[610,]	NaN	0.2419060	1.37780606	0.1556541
##	[611,]	NaN	0.2419060	-0.29297723	0.1556541
##	[612,]	NaN	-0.9316973	0.73519711	0.1556541
##	[613,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[614,]	NaN	0.2419060	-0.93558618	-1.3956106
##	[615,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[616,]	NaN	2.5891126	-1.44967335	2.4825512
##	[617,]	NaN	0.2419060	2.27745860	-0.6199782
##	[618,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[619,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[620,]	NaN	0.2419060	-0.29297723	1.7069188
##	[621,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[622,]	NaN	0.2419060	0.86371890	-1.3956106
##	[623,]	NaN	0.2419060	-0.42149902	0.1556541
##	[624,]	NaN	0.2419060	-0.16445544	0.1556541
##	[625,]	NaN	0.2419060	3.04858935	0.1556541
##	[626,]	NaN	0.2419060	0.86371890	-0.6199782
##	[627,]	NaN	0.2419060	-0.29297723	0.1556541
##	[628,]	NaN	-0.9316973	2.53450219	0.1556541
##	[629,]	NaN	1.4155093	-0.29297723	-0.6199782
##	[630,]	NaN	0.2419060	-0.67854260	2.4825512
##	[631,]	NaN	1.4155093	-0.93558618	-0.6199782
##	[632,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[633,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[634,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[635,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[636,]	NaN	0.2419060	0.73519711	-0.6199782
##	[637,]	NaN	0.2419060	-0.16445544	0.1556541
##	[638,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[639,]	NaN	-0.9316973	-0.80706439	-1.3956106
##	[640,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[641,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[642,]	NaN	0.2419060	-0.16445544	0.1556541
##	[643,]	NaN	0.2419060	-1.06410798	0.1556541
##	[644,]	NaN	0.2419060	0.73519711	-1.3956106
##	[645,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[646,]	NaN	2.5891126	-0.80706439	0.1556541
##	[647,]	NaN	0.2419060	2.14893681	0.1556541
##	[648,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[649,]	NaN	0.2419060	-0.16445544	0.1556541
##	[650,]	NaN	-0.9316973	2.79154577	-2.1712429
##	[651,]	NaN	0.2419060	0.09258815	-0.6199782
##	[652,]	NaN	0.2419060	-0.42149902	-0.6199782

##	[653,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[654,]	NaN	0.2419060	2.53450219	0.1556541
##	[655,]	NaN	1.4155093	0.22110994	-0.6199782
##	[656,]	NaN	0.2419060	-0.55002081	0.9312865
##	[657,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[658,]	NaN	2.5891126	-0.42149902	1.7069188
##	[659,]	NaN	-0.9316973	-0.42149902	-2.1712429
##	[660,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[661,]	NaN	0.2419060	-1.06410798	0.1556541
##	[662,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[663,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[664,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[665,]	NaN	0.2419060	0.73519711	-0.6199782
##	[666,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[667,]	NaN	0.2419060	-0.93558618	0.1556541
##	[668,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[669,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[670,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[671,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[672,]	NaN	1.4155093	-1.32115156	0.1556541
##	[673,]	NaN	-0.9316973	-0.16445544	2.4825512
##	[674,]	NaN	-0.9316973	-0.67854260	-1.3956106
##	[675,]	NaN	0.2419060	1.63484965	0.1556541
##	[676,]	NaN	-0.9316973	0.22110994	-0.6199782
##	[677,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[678,]	NaN	0.2419060	2.27745860	0.1556541
##	[679,]	NaN	1.4155093	0.22110994	-0.6199782
##	[680,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[681,]	NaN	-0.9316973	-0.42149902	2.4825512
##	[682,]	NaN	0.2419060	0.47815352	0.1556541
##	[683,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[684,]	NaN	2.5891126	-1.32115156	-0.6199782
##	[685,]	NaN	0.2419060	-0.03593364	-0.6199782
##	[686,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[687,]	NaN	-0.9316973	1.12076248	0.1556541
##	[688,]	NaN	-0.9316973	0.60667531	2.4825512
##	[689,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[690,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[691,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[692,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[693,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[694,]	NaN	0.2419060	0.60667531	2.4825512
##	[695,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[696,]	NaN	-0.9316973	0.73519711	-0.6199782
##	[697,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[698,]	NaN	0.2419060	-1.06410798	1.7069188
##	[699,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[700,]	NaN	0.2419060	1.89189323	-0.6199782
##	[701,]	NaN	-0.9316973	-0.55002081	0.9312865
##	[702,]	NaN	0.2419060	1.37780606	0.1556541
##	[703,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[704,]	NaN	-0.9316973	-0.67854260	-1.3956106
##	[705,]	NaN	0.2419060	0.09258815	-0.6199782
##	[706,]	NaN	-0.9316973	-0.29297723	0.1556541

##	[707,]	NaN	-0.9316973	1.37780606	-0.6199782
##	[708,]	NaN	-0.9316973	1.12076248	0.1556541
##	[709,]	NaN	1.4155093	0.09258815	0.1556541
##	[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
##	[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
##	[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	0.2419060	1.50632785	0.1556541
##	[801,]	NaN	1.4155093	-1.32115156	-0.6199782
##	[802,]	NaN	-0.9316973	-0.80706439	0.9312865
##	[803,]	NaN	0.2419060	-0.93558618	0.1556541
##	[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
##	[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
##	[823,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[824,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[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
##	[845,]	NaN	0.2419060	-0.16445544	0.1556541
##	[846,]	NaN	0.2419060	0.60667531	0.1556541
##	[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
##	[851,]	NaN	2.5891126	-1.32115156	0.1556541
##	[852,]	NaN	0.2419060	2.14893681	-0.6199782
##	[853,]	NaN	0.2419060	-0.16445544	1.7069188
##	[854,]	NaN	-0.9316973	-1.32115156	0.9312865
##	[855,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[856,]	NaN	0.2419060	0.34963173	-0.6199782
##	[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

##	[869,]	NaN	2.5891126	-0.67854260	-0.6199782
##	[870,]	NaN	0.2419060	1.76337144	-0.6199782
##	[871,]	NaN	2.5891126	0.47815352	-0.6199782
##	[872,]	NaN	0.2419060	-1.32115156	0.1556541
##	[873,]	NaN	0.2419060	-0.16445544	0.1556541
##	[874,]	NaN	0.2419060	-0.55002081	0.9312865
##	[875,]	NaN	2.5891126	-0.16445544	0.9312865
##	[876,]	NaN	-0.9316973	1.12076248	0.1556541
##	[877,]	NaN	-0.9316973	-1.19262977	-0.6199782
##	[878,]	NaN	0.2419060	0.09258815	0.1556541
##	[879,]	NaN	0.2419060	-0.16445544	0.1556541
##	[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
##	[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
##	[917,]	NaN	0.2419060	1.89189323	-0.6199782
##	[918,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[919,]	NaN	0.2419060	2.53450219	1.7069188
##	[920,]	NaN	-0.9316973	1.76337144	2.4825512
##	[921,]	NaN	1.4155093	0.47815352	-0.6199782
##	[922,]	NaN	-0.9316973	-0.80706439	-0.6199782

##	[923,]	NaN	1.4155093	1.89189323	0.9312865
##	[924,]	NaN	1.4155093	0.34963173	1.7069188
##	[925,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[926,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[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
##	[959,]	NaN	0.2419060	-0.16445544	-2.1712429
##	[960,]	NaN	-0.9316973	-0.29297723	0.9312865
##	[961,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[962,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[963,]	NaN	0.2419060	2.79154577	-0.6199782
##	[964,]	NaN	0.2419060	-0.03593364	0.1556541
##	[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
##	[970,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[971,]	NaN	0.2419060	-0.80706439	0.9312865
##	[972,]	NaN	-0.9316973	2.27745860	-1.3956106
##	[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
## [1047,]	NaN	-0.9316973	-0.67854260	0.1556541
## [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

## [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
## [1093,]	NaN	0.2419060	-0.42149902	0.1556541
## [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

## [1139,]	NaN	0.2419060	2.66302398	0.1556541
## [1140,]	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	0.1556541
## [1190,]	NaN	1.4155093	-0.67854260	1.7069188
## [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
## [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
## [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
## [1236,]	NaN	0.2419060	0.22110994	1.7069188
## [1237,]	NaN	2.5891126	0.60667531	0.1556541
## [1238,]	NaN	-0.9316973	-0.16445544	-0.6199782
## [1239,]	NaN	-0.9316973	-1.06410798	0.1556541
## [1240,]	NaN	-0.9316973	-0.29297723	0.1556541
## [1241,]	NaN	0.2419060	-0.29297723	-0.6199782
## [1242,]	NaN	0.2419060	-0.16445544	-0.6199782
## [1243,]	NaN	-0.9316973	1.24928427	0.1556541
## [1244,]	NaN	1.4155093	-0.29297723	-0.6199782
## [1245,]	NaN	-0.9316973	-0.16445544	-0.6199782
## [1246,]	NaN	0.2419060	-1.06410798	-0.6199782

## [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
## [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
## [1259,]	NaN	0.2419060	-1.32115156	-0.6199782
## [1260,]	NaN	0.2419060	-0.16445544	0.1556541
## [1261,]	NaN	-0.9316973	0.09258815	0.1556541
## [1262,]	NaN	0.2419060	0.47815352	-0.6199782
## [1263,]	NaN	0.2419060	-0.67854260	0.9312865
## [1264,]	NaN	2.5891126	-0.55002081	2.4825512
## [1265,]	NaN	2.5891126	2.92006756	-0.6199782
## [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
## [1271,]	NaN	-0.9316973	-0.67854260	0.1556541
## [1272,]	NaN	-0.9316973	-1.32115156	0.1556541
## [1273,]	NaN	0.2419060	-0.80706439	0.1556541
## [1274,]	NaN	-0.9316973	-1.32115156	2.4825512
## [1275,]	NaN	1.4155093	0.22110994	0.1556541
## [1276,]	NaN	-0.9316973	0.47815352	-0.6199782
## [1277,]	NaN	1.4155093	-0.80706439	-0.6199782
## [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
## [1290,]	NaN	2.5891126	0.22110994	0.1556541
## [1291,]	NaN	0.2419060	-0.03593364	0.1556541
## [1292,]	NaN	-0.9316973	-0.16445544	0.9312865
## [1293,]	NaN	0.2419060	-0.55002081	2.4825512
## [1294,]	NaN	-0.9316973	-0.55002081	-0.6199782
## [1295,]	NaN	-0.9316973	-0.03593364	0.1556541
## [1296,]	NaN	0.2419060	1.50632785	0.1556541
## [1297,]	NaN	-0.9316973	-0.29297723	0.1556541
## [1298,]	NaN	-0.9316973	-0.67854260	0.1556541
## [1299,]	NaN	0.2419060	0.22110994	-0.6199782
## [1300,]	NaN	0.2419060	0.09258815	0.1556541

## [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
## [1306,]	NaN	0.2419060	0.34963173	-0.6199782
## [1307,]	NaN	1.4155093	-0.29297723	0.1556541
## [1308,]	NaN	0.2419060	-1.06410798	0.1556541
## [1309,]	NaN	1.4155093	1.12076248	0.9312865
## [1310,]	NaN	-0.9316973	-0.80706439	0.9312865
## [1311,]	NaN	-0.9316973	1.50632785	0.1556541
## [1312,]	NaN	-0.9316973	-1.44967335	0.9312865
## [1313,]	NaN	-0.9316973	-1.19262977	0.9312865
## [1314,]	NaN	2.5891126	-0.93558618	0.1556541
## [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
## [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
## [1329,]	NaN	0.2419060	-0.29297723	1.7069188
## [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
## [1337,]	NaN	0.2419060	0.99224069	-0.6199782
## [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
## [1344,]	NaN	-0.9316973	-0.03593364	-0.6199782
## [1345,]	NaN	0.2419060	0.60667531	-0.6199782
## [1346,]	NaN	-0.9316973	-0.93558618	-0.6199782
## [1347,]	NaN	1.4155093	-0.16445544	-0.6199782
## [1348,]	NaN	-0.9316973	-0.16445544	-0.6199782
## [1349,]	NaN	0.2419060	1.37780606	0.1556541
## [1350,]	NaN	0.2419060	-1.32115156	0.1556541
## [1351,]	NaN	-0.9316973	-0.29297723	1.7069188
## [1352,]	NaN	0.2419060	1.63484965	0.1556541
## [1353,]	NaN	0.2419060	-0.16445544	1.7069188
## [1354,]	NaN	0.2419060	-0.80706439	-0.6199782

## [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
## [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
## [1398,]	NaN	1.4155093	-0.29297723	2.4825512
## [1399,]	NaN	2.5891126	-0.29297723	-0.6199782
## [1400,]	NaN	0.2419060	-0.16445544	-1.3956106
## [1401,]	NaN	0.2419060	-0.55002081	-0.6199782
## [1402,]	NaN	0.2419060	3.04858935	-2.1712429
## [1403,]	NaN	2.5891126	-1.32115156	0.9312865
## [1404,]	NaN	-0.9316973	1.24928427	0.1556541
## [1405,]	NaN	-0.9316973	1.12076248	-0.6199782
## [1406,]	NaN	0.2419060	0.22110994	-0.6199782
## [1407,]	NaN	-0.9316973	-0.29297723	0.1556541
## [1408,]	NaN	-0.9316973	-0.93558618	-0.6199782

## [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	-0.9316973	1.63484965	-0.6199782
## [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
## [1449,]	NaN	0.2419060	0.34963173	1.7069188
## [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
## [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	
##	[29,]	0.3379811	2.447037491	0.48873346	
##	[30,]	-1.0774954	-0.817455758	-0.61528219	
##	[31,]	0.3379811	-0.980680421	-0.89128611	
##	[32,]	1.7534577	-0.491006434	-0.61528219	
##	[33,]	0.3379811	0.488341541	-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
##	[72,]	0.3379811	-0.327781771	-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
##	[85,]	0.3379811	-0.327781771	-0.61528219
##	[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
##	[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,]	-1.0774954	0.161892216	0.76473737
##	[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
##	[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	0.325116879	0.76473737
##	[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
##	[255,]	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
##	[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
##	[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
##	[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
##	[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,]	0.3379811	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
##	[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
##	[418,]	0.3379811	2.120588166	2.97276868
##	[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
##	[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
##	[434,]	0.3379811	-0.654231096	-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
##	[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

##	[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
##	[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
##	[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
##	[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
##	[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

##	[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
##	[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

##	[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

##	[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

## [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
## [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
## [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
## [1088,]	0.3379811	0.651566204	1.59274911
## [1089,]	0.3379811	-0.980680421	-1.16729002
## [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
## [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
## [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
## [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
## [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

## [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,]	-1.0774954	0.488341541	-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
## [1365,]	0.3379811	-0.001332446	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
## [1384,]	0.3379811	-0.327781771	-0.06327437
## [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

## [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
## [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
## [1428,]	-1.0774954	-0.980680421	-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
## [1442,]	-1.0774954	0.978015528	2.14475694
## [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

## [1450,]	0.3379811	-0.491006434	-0.61528219
## [1451,]	0.3379811	0.325116879	-1.16729002
## [1452,]	0.3379811	0.488341541	0.76473737
## [1453,]	0.3379811	-0.164557109	-0.33927828
## [1454,]	-1.0774954	-0.164557109	-0.33927828
## [1455,]	0.3379811	-0.327781771	-0.33927828
## [1456,]	0.3379811	-0.817455758	-0.61528219
## [1457,]	1.7534577	0.488341541	-0.61528219
## [1458,]	0.3379811	-0.327781771	-0.33927828
## [1459,]	0.3379811	-0.491006434	-0.33927828
## [1460,]	0.3379811	-0.491006434	-0.33927828
## [1461,]	-2.4929720	-0.327781771	-0.06327437
## [1462,]	0.3379811	-0.654231096	-0.61528219
## [1463,]	-1.0774954	2.120588166	1.31674520
## [1464,]	0.3379811	0.325116879	-0.06327437
## [1465,]	0.3379811	-0.491006434	-0.61528219
## [1466,]	0.3379811	-0.327781771	-0.61528219
## [1467,]	0.3379811	-0.001332446	0.76473737
## [1468,]	0.3379811	-0.164557109	-0.61528219
## [1469,]	-1.0774954	0.325116879	0.48873346
## [1470,]	1.7534577	-0.491006434	-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,]	-0.05826506	-0.5950247	
## [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,]	-0.67891464	-0.3147664	
## [12,]	-0.67891464	1.0865255	
## [13,]	0.56238452	-0.3147664	
## [14,]	-0.36858985	-0.5950247	
## [15,]	-0.67891464	-0.3147664	
## [16,]	1.80368368	1.0865255	
## [17,]	-0.67891464	0.2457504	
## [18,]	-0.67891464	-1.1555415	
## [19,]	0.25205973	0.8062671	
## [20,]	-0.36858985	-0.5950247	
## [21,]	-0.36858985	-0.3147664	
## [22,]	-0.67891464	-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,]	0.87270931	3.6088508	
## [30,]	-0.05826506	-0.8752831	
## [31,]	-0.67891464	-1.1555415	
## [32,]	-0.36858985	-0.3147664	

##	[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

##	[87,]	-0.67891464	-1.1555415
##	[88,]	-0.67891464	-0.3147664
##	[89,]	2.42433326	1.0865255
##	[90,]	0.56238452	0.8062671
##	[91,]	2.73465805	1.9273006
##	[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
##	[109,]	-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
##	[115,]	-0.67891464	-1.1555415
##	[116,]	-0.36858985	-0.3147664
##	[117,]	0.87270931	1.0865255
##	[118,]	-0.05826506	1.0865255
##	[119,]	-0.67891464	-1.1555415
##	[120,]	0.56238452	2.2075589
##	[121,]	-0.67891464	1.3667838
##	[122,]	-0.67891464	0.8062671
##	[123,]	0.56238452	-0.3147664
##	[124,]	3.97595721	3.0483340
##	[125,]	1.49335889	0.8062671
##	[126,]	0.56238452	-0.3147664
##	[127,]	3.97595721	0.5260087
##	[128,]	-0.67891464	-1.1555415
##	[129,]	-0.05826506	-0.8752831
##	[130,]	0.87270931	1.9273006
##	[131,]	-0.36858985	-0.5950247
##	[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

## [141,]	-0.67891464	-0.0345080
## [142,]	-0.67891464	-0.3147664
## [143,]	-0.05826506	-0.5950247
## [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
##	[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

##	[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

##	[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
##	[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
##	[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

##	[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
##	[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
##	[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
##	[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

##	[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	-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
##	[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

##	[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,]	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
##	[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

##	[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
## [795,]	-0.67891464	-0.0345080
## [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
## [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
##	[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

##	[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	-1.1555415
##	[982,]	0.25205973	-0.5950247
##	[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,]	-0.67891464	-1.1555415
## [1012,]	-0.67891464	-0.8752831
## [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
## [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,]	-0.67891464	-1.1555415
## [1077,]	-0.36858985	2.2075589
## [1078,]	-0.67891464	0.8062671
## [1079,]	3.66563242	3.6088508
## [1080,]	-0.05826506	-0.5950247
## [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
## [1112,]	-0.36858985	1.3667838

## [1113,]	-0.36858985	-0.0345080
## [1114,]	-0.36858985	-0.5950247
## [1115,]	1.49335889	0.5260087
## [1116,]	-0.67891464	-1.1555415
## [1117,]	-0.05826506	2.4878173
## [1118,]	-0.05826506	-0.8752831
## [1119,]	-0.67891464	-1.1555415
## [1120,]	1.49335889	0.8062671
## [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
## [1139,]	3.04498284	2.4878173
## [1140,]	-0.67891464	-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
## [1171,]	-0.36858985	-0.5950247
## [1172,]	-0.67891464	-0.3147664
## [1173,]	-0.36858985	-0.0345080
## [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

## [1221,]	1.18303410	0.8062671
## [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
## [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
## [1242,]	-0.67891464	-0.5950247
## [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
## [1260,]	-0.36858985	0.8062671
## [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
## [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
## [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
## [1445,]           2.11400847           1.0865255
## [1446,]          -0.67891464           1.6470422
## [1447,]          -0.36858985           0.8062671
## [1448,]           2.73465805           1.9273006
## [1449,]          -0.67891464          -0.0345080
## [1450,]          -0.36858985          -0.5950247
## [1451,]          -0.36858985           0.8062671
## [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
## [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")
##           i..Age           Attrition           BusinessTravel
##           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           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           MonthlyRate           NumCompaniesWorked
##           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
##           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")
##          i..Age          Attrition          BusinessTravel
##          9.1353735          0.3678630          0.6654549
##          DailyRate          Department          DistanceFromHome
##          403.509099          0.5277923          8.1068644
##          Education          EducationField          EmployeeCount
##          1.0241649          1.3313691          0.0000000
##      EmployeeNumber      EnvironmentSatisfaction          Gender
##          602.0243348          1.0930822          0.4900647
##          HourlyRate          JobInvolvement          JobLevel
##          20.3294276          0.7115611          1.1069399
##          JobRole          JobSatisfaction          MaritalStatus
##          2.4618213          1.1028461          0.7301208
##          MonthlyIncome          MonthlyRate          NumCompaniesWorked
##          4707.9567831          7117.7860441          2.4980090
##          Over18          OverTime          PercentSalaryHike
##          0.0000000          0.4506065          3.6599377
##      PerformanceRating      RelationshipSatisfaction          StandardHours
##          0.3608235          1.0812089          0.0000000
##      StockOptionLevel          TotalWorkingYears          TrainingTimesLastYear
##          0.8520767          7.7807817          1.2892706
##          WorkLifeBalance          YearsAtCompany          YearsInCurrentRole
##          0.7064758          6.1265252          3.6231370
##      YearsSinceLastPromotion      YearsWithCurrManager
##          3.2224303          3.5681361

```