Rice-Classification.R

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library(caret)
library(randomForest)

randomForest 4.7-1.1

```
## RICE CLASSIFICATION USING LOGISTIC REGRESSION, RANDOM FOREST, CLASSIFICATION TREE, ADA BOOSTING, KNN, XGB and
# load the necessary libraries
library(mice)
## Warning: package 'mice' was built under R version 4.3.3
## Attaching package: 'mice'
## The following object is masked from 'package:stats':
##
##
       filter
##
   The following objects are masked from 'package:base':
##
       cbind, rbind
library(corrgram)
library(caTools)
library(pROC)
## Warning: package 'pROC' was built under R version 4.3.3
## Type 'citation("pROC")' for a citation.
##
## Attaching package: 'pROC'
## The following objects are masked from 'package:stats':
##
##
       cov, smooth, var
library(class)
library(caret)
## Warning: package 'caret' was built under R version 4.3.3
## Zorunlu paket yükleniyor: ggplot2
## Zorunlu paket yükleniyor: lattice
##
## Attaching package: 'lattice'
##
   The following object is masked from 'package:corrgram':
##
##
       panel.fill
library(corrplot)
## corrplot 0.92 loaded
```

```
## Type rfNews() to see new features/changes/bug fixes.
##
## Attaching package: 'randomForest'
## The following object is masked from 'package:ggplot2':
##
##
       margin
library(rpart)
library(rpart.plot)
library(vip)
## Warning: package 'vip' was built under R version 4.3.3
##
## Attaching package: 'vip'
## The following object is masked from 'package:utils':
##
##
       νi
library(adabag)
## Warning: package 'adabag' was built under R version 4.3.3
## Zorunlu paket yükleniyor: foreach
## Warning: package 'foreach' was built under R version 4.3.3
## Zorunlu paket yükleniyor: doParallel
## Warning: package 'doParallel' was built under R version 4.3.3
## Zorunlu paket yükleniyor: iterators
## Warning: package 'iterators' was built under R version 4.3.3
## Zorunlu paket yükleniyor: parallel
library(ada)
## Warning: package 'ada' was built under R version 4.3.3
library(xgboost)
## Warning: package 'xgboost' was built under R version 4.3.3
library(gbm)
## Warning: package 'gbm' was built under R version 4.3.3
## Loaded gbm 2.1.9
```

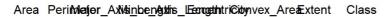
This version of gbm is no longer under development. Consider transitioning to gbm3, https://github.com/gbm-dev

elopers/gbm3

```
3810 obs. of 8 variables:
## 'data.frame':
## $ Area
                     : int 15231 14656 14634 13176 14688 13479 15757 16405 14534 13485 ...
## $ Perimeter
                     : num 526 494 501 458 507 ...
## $ Major_Axis_Length: num 230 206 214 193 212 ...
   $ Minor_Axis_Length: num 85.1 91.7 87.8 87.4 89.3 ...
   $ Eccentricity
                     : num
                            0.929 0.895 0.912 0.892 0.907 ...
                      : int \, 15617 15072 14954 13368 15262 13786 16150 16837 14932 13734 \dots
   $ Convex_Area
##
   $ Extent
                     : num 0.573 0.615 0.693 0.641 0.646 ...
## $ Class
                      : chr "Cammeo" "Cammeo" "Cammeo" ...
```

```
# change the class of the response col
df$Class <- as.factor(df$Class)

# check the missing values
md.pattern(df) # completely observed</pre>
```



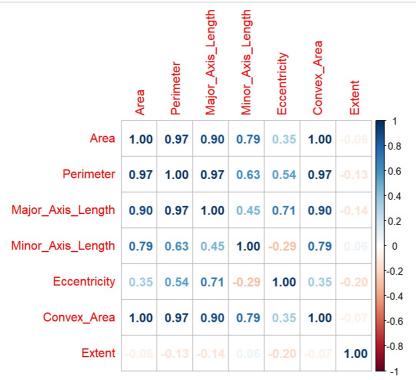


```
##
        Area Perimeter Major_Axis_Length Minor_Axis_Length Eccentricity
## 3810
           1
                     1
                                       1
                                                         1
                                                                       1
##
           0
                     0
                                       0
                                                         0
                                                                       0
##
        Convex_Area Extent Class
## 3810
                 1
                        1
                               1 0
##
                  0
                         0
                               0 0
```

```
# check the class col
table(df$Class) # ~ statistically balanced
```

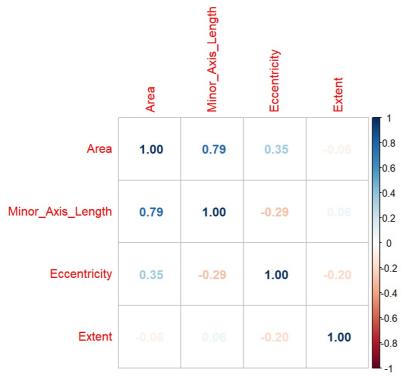
```
##
## Cammeo Osmancik
## 1630 2180
```

```
# correlation graph
corr.matrix <- cor(df [, -8])
corrplot(corr.matrix, method = "number")</pre>
```



```
# drop the highly correlated cols (perimeter, Convex_Area, Major_Axis_Length) to prevent multicollinearity
df <- df [, -2]
df <- df [, -5]
df <- df [, -2]

# check again the correlation graph
corr.matrix <- cor(df [, -5])
corrplot(corr.matrix, method = "number") # looks good!</pre>
```



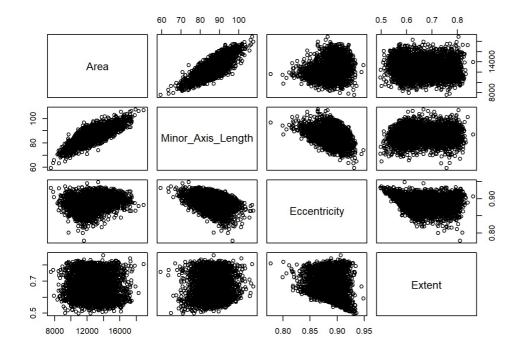
```
# test & train split
split <- sample.split(df$Class, SplitRatio = 0.7)
test <- subset(df, split == FALSE)
train <- subset(df, split == TRUE)
# dim of the train set
dim(train)</pre>
```

```
## [1] 2667 5
```

```
# dim of the test set
dim(test)
```

```
## [1] 1143 5
```

```
# multiple plots of the observations
pairs(~ Area + Minor_Axis_Length + Eccentricity + Extent, data = df)
```



```
## LOGISTIC REGRESSION
# building logistic regression model
glm.model <- glm(Class ~ ., data = train, family = binomial(logit))
# summary of the model (glm.model)
summary(glm.model) # cols with (*) are statistically significant</pre>
```

```
##
## Call:
## glm(formula = Class ~ ., family = binomial(logit), data = train)
##
## Coefficients:
##
                      Estimate Std. Error z value Pr(>|z|)
## (Intercept)
                     1.787e+02 5.730e+01
                                           3.119 0.00182 **
                                          -1.256 0.20901
## Area
                    -1.144e-03 9.107e-04
                                           -1.035 0.30060
## Minor_Axis_Length -2.768e-01 2.675e-01
## Eccentricity
                    -1.574e+02 5.134e+01
                                           -3.065 0.00218 **
                     2.007e-01 1.123e+00
## Extent
                                           0.179 0.85813
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
      Null deviance: 3641.47 on 2666 degrees of freedom
##
## Residual deviance: 951.87 on 2662 degrees of freedom
## AIC: 961.87
##
## Number of Fisher Scoring iterations: 7
```

```
# perform stepwise variable selection to prevent possible overfitting
new.step.model <- step(glm.model)</pre>
```

```
## Start: AIC=961.87
## Class ~ Area + Minor Axis Length + Eccentricity + Extent
##
                      Df Deviance
##
                                     AIC
                          951.91 959.91
##
  - Extent
                          952.94 960.94
## - Minor_Axis_Length 1
                       1 953.47 961.47
## - Area
## <none>
                           951.87 961.87
## - Eccentricity
                      1 961.44 969.44
##
## Step: AIC=959.91
## Class ~ Area + Minor Axis Length + Eccentricity
##
##
                      Df Deviance
## - Minor Axis Length 1 952.99 958.99
## - Area
                       1 953.49 959.49
                           951.91 959.91
## <none>
## - Eccentricity
                       1 961.55 967.55
##
## Step: AIC=958.99
## Class ~ Area + Eccentricity
##
##
                 Df Deviance
## <none>
                      952.99 958.99
## - Eccentricity 1 1545.40 1549.40
## - Area
                  1 2443.25 2447.25
```

```
# predictions of the new step model
lgm.preds.nsm <- predict(new.step.model, newdata = test, type = "response")

# only 0s and 1s of the new step model
lgm.preds.fitted.nsm <- ifelse(lgm.preds.nsm > 0.5, "Osmancik", "Cammeo")

# convert the lgm.preds.fitted into factor to be able to use in the confusion matrix
lgm.preds.fitted.nsm <- as.factor(lgm.preds.fitted.nsm)

# confusion matrix of the new step model model (new.step.model)
confusionMatrix(lgm.preds.fitted.nsm, reference = test$Class, positive = "Osmancik")</pre>
```

```
## Confusion Matrix and Statistics
##
##
            Reference
## Prediction Cammeo Osmancik
                        50
##
    Cammeo
                455
##
     Osmancik
                          604
##
##
                  Accuracy: 0.9265
##
                   95% CI: (0.9098, 0.941)
##
       No Information Rate: 0.5722
##
      P-Value [Acc > NIR] : <2e-16
##
##
                     Kappa: 0.8505
##
   Mcnemar's Test P-Value: 0.1017
##
##
##
               Sensitivity: 0.9235
##
               Specificity: 0.9305
##
            Pos Pred Value: 0.9467
##
            Neg Pred Value: 0.9010
##
                Prevalence: 0.5722
##
           Detection Rate: 0.5284
##
      Detection Prevalence: 0.5582
##
         Balanced Accuracy: 0.9270
##
##
          'Positive' Class : Osmancik
##
```

```
# ROC
roc.data <- roc(test$Class, lgm.preds.nsm)</pre>
```

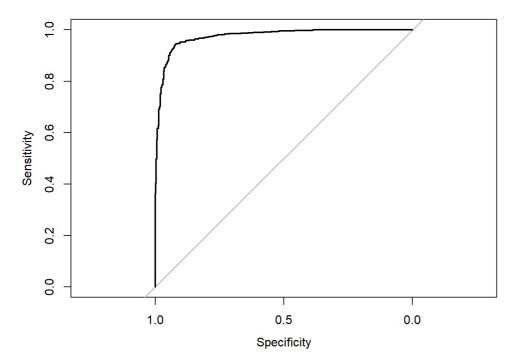
```
## Setting levels: control = Cammeo, case = Osmancik
```

```
## Setting direction: controls < cases
```

```
roc.data
```

```
##
## Call:
## roc.default(response = test$Class, predictor = lgm.preds.nsm)
##
## Data: lgm.preds.nsm in 489 controls (test$Class Cammeo) < 654 cases (test$Class Osmancik).
## Area under the curve: 0.9742</pre>
```

```
# ROC plot
plot(roc.data)
```



```
## Warning in randomForest.default(x, y, mtry = param$mtry, ...): invalid mtry: ## reset to within valid range
```

```
## Warning in randomForest.default(x, y, mtry = param$mtry, ...): invalid mtry:
## reset to within valid range

## Warning in randomForest.default(x, y, mtry = param$mtry, ...): invalid mtry:
## reset to within valid range

## Warning in randomForest.default(x, y, mtry = param$mtry, ...): invalid mtry:
## reset to within valid range

## Warning in randomForest.default(x, y, mtry = param$mtry, ...): invalid mtry:
## reset to within valid range
```

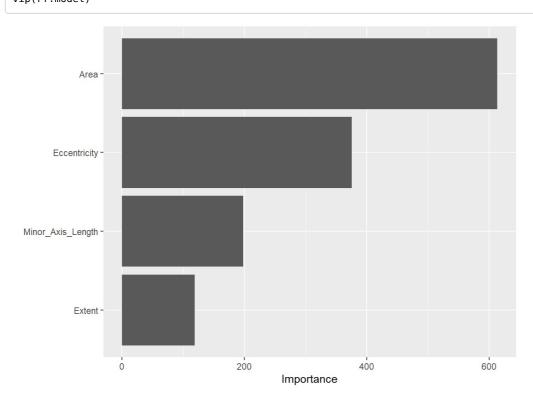
```
# best tune
parameter.search.rf$bestTune
```

```
## mtry
## 1 1
```

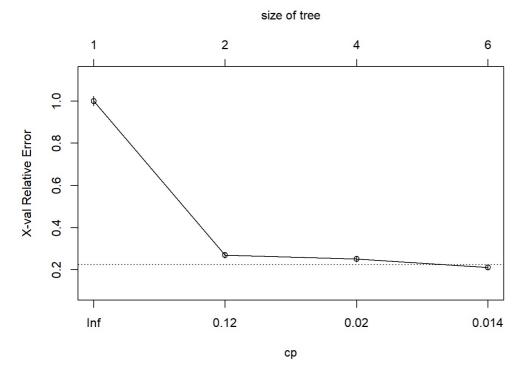
```
# building a rf with the best tune parameters
rf.model <- randomForest(Class ~., train, mtry = parameter.search.rf$bestTune$mtry, ntree = 10)
# predictions
rf.preds <- predict(rf.model, test)
# confusion matrix of the RF model
confusionMatrix(rf.preds, test$Class)</pre>
```

```
## Confusion Matrix and Statistics
##
##
             Reference
## Prediction Cammeo Osmancik
##
    Cammeo
                 438
                           55
##
     0smancik
                  51
                          599
##
##
                  Accuracy: 0.9073
##
                    95% CI: (0.8889, 0.9234)
##
      No Information Rate : 0.5722
##
       P-Value [Acc > NIR] : <2e-16
##
                     Kappa : 0.8108
##
##
##
   Mcnemar's Test P-Value : 0.7708
##
##
               Sensitivity: 0.8957
##
               Specificity: 0.9159
            Pos Pred Value : 0.8884
##
            Neg Pred Value: 0.9215
##
##
                Prevalence: 0.4278
##
            Detection Rate: 0.3832
##
      Detection Prevalence: 0.4313
##
         Balanced Accuracy: 0.9058
##
##
          'Positive' Class : Cammeo
##
```

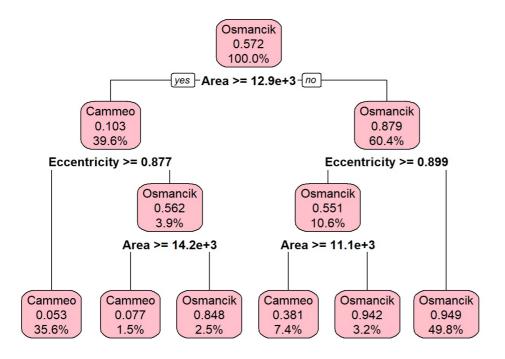
variable importance vip(rf.model)



```
## cp
## 1 0.01
```



```
# classification tree plot
rpart.plot(ct.model, digits = 3, box.palette = "pink")
```



```
# predictions
ct.preds <- predict(ct.model, test, type = "class")
# confusion matrix of the CT
confusionMatrix(ct.preds, test$Class)</pre>
```

```
## Confusion Matrix and Statistics
##
##
             Reference
## Prediction Cammeo Osmancik
##
     Cammeo
                 458
                           72
##
     0smancik
                  31
                          582
##
##
                  Accuracy : 0.9099
                    95% CI : (0.8918, 0.9259)
##
##
      No Information Rate : 0.5722
       P-Value [Acc > NIR] : < 2.2e-16
##
##
##
                     Kappa : 0.8179
##
   Mcnemar's Test P-Value : 8.104e-05
##
##
##
               Sensitivity: 0.9366
##
               Specificity: 0.8899
            Pos Pred Value: 0.8642
##
##
            Neg Pred Value : 0.9494
##
                Prevalence: 0.4278
            Detection Rate : 0.4007
##
##
      Detection Prevalence: 0.4637
##
         Balanced Accuracy: 0.9133
##
          'Positive' Class : Cammeo
##
##
```

```
## ADA BOOSTING
# select the best parameters for the ADA BOOSTING
param.grid.ada \leftarrow expand.grid(iter = c(5, 10, 15, 20, 25),
                               maxdepth = c(1, 2, 3),
                               nu = seq(0.1, 1, by = 0.1))
# control parameters
ctrl.ada <- trainControl(method = "cv", number = 5)</pre>
# define the parameter grid
parameter.search.ada <- train(Class ~.,</pre>
                               data = train,
                               method = "ada",
                               trControl = ctrl.ada,
                               tuneGrid = param.grid.ada)
# building the model
ada.model <- boosting(formula = Class~.,</pre>
                       data = train,
                       boos = TRUE,
                       nu = parameter.search.ada$bestTune$nu,
                       maxdepth = parameter.search.ada$bestTune$maxdepth,
                       iter = parameter.search.ada$bestTune$nu)
# predictions
ada.preds <- predict(ada.model, test)</pre>
# confusion matrix of the ADABOOSTING
confusionMatrix(as.factor(ada.preds$class), test$Class)
```

```
## Confusion Matrix and Statistics
##
##
             Reference
## Prediction Cammeo Osmancik
##
     Cammeo
                 445
                           57
     Osmancik
##
                  44
                          597
##
##
                  Accuracy: 0.9116
##
                    95% CI: (0.8937, 0.9275)
##
      No Information Rate : 0.5722
##
       P-Value [Acc > NIR] : <2e-16
##
##
                     Kappa : 0.8201
##
##
   Mcnemar's Test P-Value: 0.2325
##
##
               Sensitivity: 0.9100
##
               Specificity: 0.9128
##
            Pos Pred Value: 0.8865
##
            Neg Pred Value: 0.9314
##
                Prevalence: 0.4278
##
            Detection Rate: 0.3893
##
      Detection Prevalence : 0.4392
##
         Balanced Accuracy: 0.9114
##
##
          'Positive' Class : Cammeo
##
```

```
## KNN
# scaling only cols Area & Minor_Axis_Length
set.seed(101)
df.scaled <- df
df.scaled$Area <- (df.scaled$Area - min(df.scaled$Area)) / (max(df.scaled$Area) - min(df.scaled$Area))
df.scaled$Minor Axis Length <- (df.scaled$Minor Axis Length - min(df.scaled$Minor Axis Length)) / (max(df.scaled$
Minor_Axis_Length) - min(df.scaled$Minor_Axis_Length))
# test & train split for the scaled df (df.scaled)
split.knn <- sample.split(df.scaled$Class, SplitRatio = 0.7)</pre>
test.knn <- subset(df.scaled, split.knn == FALSE)</pre>
train.knn <- subset(df.scaled, split.knn == TRUE)</pre>
# define the parameter grid
ctrl.knn <- trainControl(method = "cv", number = 5)</pre>
# define the parameter grid for the KNN model with k values from 1 to 10
param.grid.knn <- expand.grid(k = 1:10)
# select the best parameters for the KNN model
parameter.search.knn <- train(x = train.knn [, -5],</pre>
                               y = train.knn[, 5],
                               method = "knn",
                               trControl = ctrl.knn,
                               tuneGrid = param.grid.knn)
# building the knn model
knn.model <- knn(train = train.knn [, -5],</pre>
                 test = test.knn[, -5],
                 cl = train.knn$Class,
                 k = 3
# confusion matrix of the KNN model
confusionMatrix(knn.model, test.knn$Class)
```

```
## Confusion Matrix and Statistics
##
##
             Reference
## Prediction Cammeo Osmancik
##
     Cammeo
                 436
##
     Osmancik
                  53
                          607
##
##
                  Accuracy: 0.9125
##
                    95% CI: (0.8946, 0.9283)
##
       No Information Rate : 0.5722
##
       P-Value [Acc > NIR] : <2e-16
##
##
                     Kappa : 0.821
##
##
    Mcnemar's Test P-Value: 0.6171
##
##
               Sensitivity: 0.8916
               Specificity: 0.9281
##
##
            Pos Pred Value: 0.9027
            Neg Pred Value : 0.9197
##
                Prevalence: 0.4278
##
##
            Detection Rate: 0.3815
##
      Detection Prevalence: 0.4226
##
         Balanced Accuracy: 0.9099
##
##
          'Positive' Class : Cammeo
##
```

```
## XGROOST
# define the parameter grid
param.grid.xgb <- expand.grid(</pre>
  nrounds = c(5,50, 100, 200),
  max_depth = c(1, 2, 3),
  eta = seq(0.1, 0.3, by = 0.1),
  gamma = c(1, 2, 3),
  min child weight = 8
  colsample by tree = 0.8,
  subsample = 0.5
# control parameters
ctrl.xgb <- trainControl(method = "cv",</pre>
                          number = 5,
                          allowParallel = TRUE)
# select the best parameters for the xgb model
parameter.search.xgb <- train(x = train [, -5],
                               y = train[, 5],
                               trControl = ctrl.xab.
                               tuneGrid = param.grid.xgb,
                               method = "xgbTree")
```

```
## [18:17:41] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:41] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:41] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
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## [18:17:41] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
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## [18:17:41] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:17:41] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
 \begin{tabular}{ll} ## [18:17:41] WARNING: $$src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead. \\ \end{tabular} 
## [18:17:41] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:41] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:41] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:17:42] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:17:42] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:42] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:43] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:43] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:43] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
 \begin{tabular}{ll} ## [18:17:43] $$ WARNING: $$ src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead. \\ \end{tabular} 
## [18:17:43] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
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## [18:17:43] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:43] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:17:43] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
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## [18:18:14] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:18:15] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:18:15] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:18:15] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:18:15] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:18:15] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [18:18:15] WARNING: src/c_api/c_api.cc:935: intree_limit is deprecated, use iteration_range instead.
## [18:18:15] WARNING: src/c_api/c_api.cc:935: intree_limit is deprecated, use iteration_range instead.
## [18:18:15] WARNING: src/c_api/c_api.cc:935: intree_limit is deprecated, use iteration_range instead.
## [18:18:15] WARNING: src/c_api/c_api.cc:935: intree_limit is deprecated, use iteration_range instead.
## [18:18:15] WARNING: src/c api/c api/cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:18:16] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:18:16] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [18:18:16] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
# writing out the optimum model
ctrl.xgb <- trainControl(method = "none",</pre>
                                    allowParallel = TRUE)
# final grid
final.grid.xqb <- expand.grid(nrounds = parameter.search.xqb$bestTune$nrounds,</pre>
                                           max depth = parameter.search.xgb$bestTune$max depth,
                                           eta = parameter.search.xgb$bestTune$eta,
                                           gamma = parameter.search.xgb$bestTune$gamma,
```

```
## Confusion Matrix and Statistics
##
##
             Reference
## Prediction Cammeo Osmancik
##
                 455
    Cammeo
                          49
##
     Osmancik
                 34
                          605
##
##
                  Accuracy : 0.9274
##
                    95% CI: (0.9108, 0.9418)
      No Information Rate : 0.5722
##
##
       P-Value [Acc > NIR] : <2e-16
##
##
                     Kappa : 0.8522
##
   Mcnemar's Test P-Value: 0.1244
##
##
               Sensitivity: 0.9305
##
##
               Specificity: 0.9251
##
            Pos Pred Value: 0.9028
            Neg Pred Value : 0.9468
##
                Prevalence: 0.4278
##
##
           Detection Rate: 0.3981
##
      Detection Prevalence: 0.4409
##
         Balanced Accuracy: 0.9278
##
##
          'Positive' Class : Cammeo
##
```

щ.и.	T+0.0	TrainDavior	VolidDovios	CtonCiri	Tmn max
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##			nan	0.0100	0.0058
##			nan	0.0100	0.0056
##			nan	0.0100	0.0056
##			nan	0.0100	0.0055
##		1.3095	nan	0.0100	0.0053
##		1.2988	nan	0.0100	0.0052
##			nan	0.0100	0.0052
##		1.2790	nan	0.0100	0.0049
##	9	1.2690	nan	0.0100	0.0049
##	10	1.2591	nan	0.0100	0.0049
##	20	1.1720	nan	0.0100	0.0040
##	40	1.0366	nan	0.0100	0.0028
##		0.9366	nan	0.0100	0.0021
##		0.8567	nan	0.0100	0.0018
##		0.7922	nan	0.0100	0.0013
##		0.7396	nan	0.0100	0.0011
##		0.6964	nan	0.0100	0.0009
##		0.6597	nan	0.0100	0.0008
##		0.6286	nan	0.0100	0.0007
##		0.6019	nan	0.0100	0.0007
##		0.5781	nan	0.0100	0.0005
##		0.5576	nan	0.0100	0.0005
##		0.5392	nan	0.0100	0.0004
##		0.5233	nan	0.0100	0.0004
##		0.5090	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3532	nan	0.0100	0.0058
##	2	1.3418	nan	0.0100	0.0057
##	3	1.3309	nan	0.0100	0.0056
##	4	1.3198	nan	0.0100	0.0054
##		1.3091	nan	0.0100	0.0053
""		1.5001		2.0200	2.0000

##	6	1.2986	nan	0.0100	0.0052
##	7	1.2886	nan	0.0100	0.0050
##	8	1.2785	nan	0.0100	0.0050
##	9	1.2684	nan	0.0100	0.0049
##	10	1.2585	nan	0.0100	0.0047
##	20	1.1704	nan	0.0100	0.0040
##	40	1.0363	nan	0.0100	0.0029
##	60	0.9352	nan	0.0100	0.0021
##	80	0.8560	nan	0.0100	0.0017
##	100	0.7918	nan	0.0100	0.0014
##	120	0.7399	nan	0.0100	0.0011
##	140	0.6964	nan	0.0100	0.0009
##	160	0.6598	nan	0.0100	0.0008
##	180	0.6284	nan	0.0100	0.0007
##	200	0.6010	nan	0.0100	0.0006
##	220	0.5776	nan	0.0100	0.0006
##	240	0.5567	nan	0.0100	0.0004
##	260	0.5384	nan	0.0100	0.0004
##	280	0.5224	nan	0.0100	0.0003
##	300	0.5083	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3538	nan	0.0100	0.0058
##	2	1.3426	nan	0.0100	0.0057
##	3	1.3316	nan	0.0100	0.0054
##	4	1.3208	nan	0.0100	0.0053
##	5	1.3096	nan	0.0100	0.0053
##	6	1.2994	nan	0.0100	0.0051
##	7	1.2893	nan	0.0100	0.0050
##	8	1.2793	nan	0.0100	0.0049
##	9	1.2690	nan	0.0100	0.0049
##	10	1.2594	nan	0.0100	0.0047
##	20	1.1720	nan	0.0100	0.0040
##	40	1.0368	nan	0.0100	0.0029
##	60	0.9364	nan	0.0100	0.0021
##	80	0.8576	nan	0.0100	0.0018
##	100	0.7940	nan	0.0100	0.0013
##	120	0.7412	nan	0.0100	0.0011
##	140	0.6976	nan	0.0100	0.0009
					0.0008
##	160	0.6606	nan	0.0100	
##	180	0.6288	nan	0.0100	0.0007
##	200	0.6022	nan	0.0100	0.0005
##	220	0.5790	nan	0.0100	0.0005
##	240	0.5585	nan	0.0100	0.0005
##	260	0.5403	nan	0.0100	0.0004
##	280	0.5242	nan	0.0100	0.0003
##	300	0.5095	nan	0.0100	0.0002
##	300	0.5055	nan	0.0100	0.0002
	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmp rovo
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3535	nan	0.0100	0.0058
##	2	1.3423	nan	0.0100	0.0056
##	3	1.3310	nan	0.0100	0.0056
##	4	1.3196	nan	0.0100	0.0054
##	5	1.3091	nan	0.0100	0.0053
##	6	1.2982	nan	0.0100	0.0053
##	7	1.2878	nan	0.0100	0.0052
##	8				
		1.2778	nan	0.0100	0.0050
##	9	1.2675	nan	0.0100	0.0049
##	10	1.2579	nan	0.0100	0.0049
##	20	1.1698	nan	0.0100	0.0040
##	40	1.0337	nan	0.0100	0.0028
##	60	0.9325	nan	0.0100	0.0022
##	80	0.8543	nan	0.0100	0.0017
##	100	0.7909		0.0100	0.0017
			nan		
##	120	0.7391	nan	0.0100	0.0010
##	140	0.6957	nan	0.0100	0.0009
##	160	0.6591	nan	0.0100	0.0007
##	180	0.6275	nan	0.0100	0.0007
##	200	0.6006	nan	0.0100	0.0006
##	220	0.5773	nan	0.0100	0.0005
##	240	0.5570	nan	0.0100	0.0005
##	260	0.5387	nan	0.0100	0.0003
##	280	0.5220	nan	0.0100	0.0003
##	300	0.5081	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
	1	1.3524	nan	0.0100	0.0064
##	1				
			nan	0 0100	
## ## ##	2	1.3398 1.3273	nan nan	0.0100 0.0100	0.0063 0.0061

##	4	1.3150	nan	0.0100	0.0059
##	5	1.3030	nan	0.0100	0.0059
##	6	1.2911	nan	0.0100	0.0058
##	7	1.2796	nan	0.0100	0.0057
##	8	1.2683	nan	0.0100	0.0055
##	9	1.2572		0.0100	0.0054
			nan		
##	10	1.2462	nan	0.0100	0.0054
##	20	1.1472	nan	0.0100	0.0045
##	40	0.9900	nan	0.0100	0.0034
##	60	0.8726	nan	0.0100	0.0026
##	80	0.7816	nan	0.0100	0.0020
##	100	0.7103	nan	0.0100	0.0015
##	120	0.6496	nan	0.0100	0.0013
##	140	0.6000	nan	0.0100	0.0010
##	160	0.5609	nan	0.0100	0.0009
##	180	0.5281		0.0100	0.0005
			nan		
##	200	0.5004	nan	0.0100	0.0006
##	220	0.4775	nan	0.0100	0.0005
##	240	0.4577	nan	0.0100	0.0004
##	260	0.4409	nan	0.0100	0.0003
##	280	0.4273	nan	0.0100	0.0003
##	300	0.4157	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3525	nan	0.0100	0.0065
##	2	1.3399	nan	0.0100	0.0063
##	3	1.3275	nan	0.0100	0.0061
##	4				0.0060
		1.3153	nan	0.0100	
##	5	1.3032	nan	0.0100	0.0060
##	6	1.2915	nan	0.0100	0.0060
##	7	1.2801	nan	0.0100	0.0056
##	8	1.2687	nan	0.0100	0.0055
##	9	1.2577	nan	0.0100	0.0056
##	10	1.2466	nan	0.0100	0.0053
##	20	1.1475	nan	0.0100	0.0044
##	40	0.9903	nan	0.0100	0.0033
##	60	0.8721	nan	0.0100	0.0025
##	80	0.7804		0.0100	0.0023
			nan		
##	100	0.7067	nan	0.0100	0.0015
##	120	0.6472	nan	0.0100	0.0012
##	140	0.5984	nan	0.0100	0.0011
##	160	0.5580	nan	0.0100	0.0009
##	180	0.5258	nan	0.0100	0.0007
##	200	0.4983	nan	0.0100	0.0006
##	220	0.4750	nan	0.0100	0.0004
##	240	0.4561	nan	0.0100	0.0004
##	260	0.4402	nan	0.0100	0.0003
##	280	0.4263	nan	0.0100	0.0003
##	300	0.4146	nan	0.0100	0.0002
##	300	0.4140	nan	0.0100	0.0002
	Ttor	TrainDoviance	ValidDeviance	C+onCizo	Improve
	Iter	TrainDeviance		StepSize	•
##	1	1.3522	nan	0.0100	0.0064
##	2	1.3392	nan	0.0100	0.0064
##	3	1.3266	nan	0.0100	0.0060
##	4	1.3149	nan	0.0100	0.0057
##	5	1.3030	nan	0.0100	0.0060
##	6	1.2911	nan	0.0100	0.0058
##	7	1.2796	nan	0.0100	0.0057
##	8	1.2684	nan	0.0100	0.0053
##	9	1.2570	nan	0.0100	0.0054
##	10	1.2462	nan	0.0100	0.0051
##	20	1.1469	nan	0.0100	0.0047
##	40	0.9891	nan	0.0100	0.0035
##	60	0.8729	nan	0.0100	0.0033
##					
	80	0.7812	nan	0.0100	0.0019
##	100	0.7074	nan	0.0100	0.0016
##	120	0.6481	nan	0.0100	0.0013
##	140	0.5987	nan	0.0100	0.0011
##	160	0.5585	nan	0.0100	0.0008
##	180	0.5249	nan	0.0100	0.0007
##	200	0.4982	nan	0.0100	0.0005
##	220	0.4752	nan	0.0100	0.0004
##	240	0.4562	nan	0.0100	0.0004
##	260	0.4406	nan	0.0100	0.0003
##	280	0.4270	nan	0.0100	0.0003
	300	0.4155	nan	0.0100	0.0003
44.44		0.7100	iiuii	3.0100	0.0002
##	300				
##			ValidDoviance	StonSizo	Tmprovo
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##			ValidDeviance nan	StepSize 0.0100	Improve 0.0065

## 2						
## 4 1.3151	##	2	1.3393	nan	0.0100	0.0062
## 4 1.3151	##	3	1.3271	nan	0.0100	0.0059
## 5	##					0 0059
## 6						
## 7				nan		
## 10	##		1.2912	nan	0.0100	0.0059
## 10	##	7	1.2798	nan	0.0100	0.0056
## 10	##	8	1.2687	nan	0.0100	0.0055
## 10						
## 20						
## 40 0.9910						
## 160	##	20	1.1472	nan	0.0100	0.0047
## 100	##	40	0.9910	nan	0.0100	0.0032
## 100 0.7101 0.000 0.0001 ## 1100 0.7101 0.000 0.0100 0.00014 ## 120 0.6497 0.000 0.0100 0.00015 ## 1100 0.50517 0.000 0.0100 0.0005 ## 120 0.5004 0.000 0.0006 ## 120 0.5004 0.000 0.0006 ## 220 0.4770 0.000 0.0006 ## 220 0.4770 0.000 0.0006 ## 220 0.4770 0.000 0.0006 ## 220 0.4581 0.000 0.0006 ## 220 0.4581 0.000 0.0006 ## 220 0.4159 0.000 0.0006 ## 300 0.4159 0.000 0.0006 ## 1 1 0.500 0.4159 0.000 0.0006 ## 2 1 1.3381 0.000 0.0006 ## 2 2 1.3381 0.000 0.0006 ## 3 1.3246 0.000 0.0006 ## 4 1 1.3516 0.000 0.0006 ## 5 1.2987 0.000 0.0006 ## 6 1.2865 0.000 0.0006 ## 7 1 1.2439 0.000 0.0006 ## 8 1 1.2524 0.000 0.0006 ## 8 1 0.000 0.0006 ## 8 0 0.000 0.0006 ## 8 0 0.000 0.0006 ## 8 0 0.000 0.0006 ## 9 0.000 0.0006 ## 10 0.0006 ##	##	60	0.8741	nan	0.0100	0.0024
## 100						
## 120						
## 140						
## 166 0.5617 nan 0.0100 0.0006 ## 180 0.5280 nan 0.0100 0.0006 0.0006 ## 220 0.4770 nan 0.0100 0.0003 ## 240 0.4581 nan 0.0100 0.0003 ## 280 0.4278 nan 0.0100 0.0003 ## 280 0.4278 nan 0.0100 0.0003 ## 280 0.4278 nan 0.0100 0.0002 ## 281 0.4278 nan 0.0100 0.0006 0.0067 ## 3 1.3246 nan 0.0100 0.0066 ## 4 4 1.3114 nan 0.0100 0.0066 ## 5 1.2987 nan 0.0100 0.0066 ## 5 1.2987 nan 0.0100 0.0066 ## 6 1.2865 nan 0.0100 0.0066 ## 8 1.2624 nan 0.0100 0.0061 ## 8 1.2624 nan 0.0100 0.0065 ## 10 1.2389 nan 0.0100 0.0057 ## 20 1.1340 nan 0.0100 0.0057 ## 40 0.9663 nan 0.0100 0.0057 ## 40 0.9663 nan 0.0100 0.0057 ## 40 0.9663 nan 0.0100 0.0027 ## 80 0.7457 nan 0.0100 0.0027 ## 100 0.6066 nan 0.0100 0.0027 ## 100 0.6666 nan 0.0100 0.0027 ## 100 0.6666 nan 0.0100 0.0027 ## 120 0.6097 nan 0.0100 0.00014 ## 120 0.6097 nan 0.0100 0.00014 ## 120 0.6097 nan 0.0100 0.00015 ## 120 0.4446 nan 0.0100 0.0005 ## 120 0.4445 nan 0.0100 0.0005 ## 120 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005	##	120	0.649/	nan	0.0100	0.0013
## 180 0.5280 nan 0.0100 0.0006 ## 200 0.5004 nan 0.0100 0.0006 0.0006 ## 220 0.4770 nan 0.0100 0.0006 0.0005 ## 240 0.4581 nan 0.0100 0.0003 ## 280 0.4278 nan 0.0100 0.0003 ## 300 0.4159 nan 0.0100 0.0002 ## 1	##	140	0.6005	nan	0.0100	0.0010
## 180 0.5280 nan 0.0100 0.0006 ## 200 0.5004 nan 0.0100 0.0006 0.0006 ## 220 0.4770 nan 0.0100 0.0006 0.0005 ## 240 0.4581 nan 0.0100 0.0003 ## 280 0.4278 nan 0.0100 0.0003 ## 300 0.4159 nan 0.0100 0.0002 ## 1	##	160	0.5617	nan	0.0100	0.0009
## 200	##	180		nan	0.0100	0.0006
## 220						
## 240 0.4581						
## 260				nan		
## 280	##	240	0.4581	nan	0.0100	0.0003
## 300	##	260	0.4418	nan	0.0100	0.0003
## 300	##	280	0.4278	nan	0.0100	0.0003
## TrainDeviance						
## Iter TrainDeviance ## 1		300	0.4133	IIIII	0.0100	0.0002
## 1 1.3518		- .			a:	_
## 2 1.3381				ValidDeviance		•
## 3 1.3246 nan 0.0100 0.0068 ## 4	##	1	1.3518	nan	0.0100	0.0067
## 3 1.3246 nan 0.0100 0.0068 ## 4	##	2	1.3381		0.0100	0.0066
## 4 1.3114						
## 5						
## 6						
## 7 1.2743	##		1.2987	nan	0.0100	0.0062
## 8 1.2624	##	6	1.2865	nan	0.0100	0.0061
## 8 1.2624	##	7	1.2743	nan	0.0100	0.0061
## 10	##	8				
## 10						
## 20						
## 40 0.9683	##		1.2389	nan	0.0100	0.0057
## 60 0.8431 nan 0.0100 0.0027 ## 80 0.7457 nan 0.0100 0.0020 ## 100 0.6696 nan 0.0100 0.0016 ## 120 0.6097 nan 0.0100 0.0014 ## 140 0.5601 nan 0.0100 0.0018 ## 180 0.4902 nan 0.0100 0.0008 ## 200 0.4645 nan 0.0100 0.0006 ## 220 0.4446 nan 0.0100 0.0003 ## 240 0.4277 nan 0.0100 0.0003 ## 280 0.4016 nan 0.0100 0.0002 ## 300 0.3921 nan 0.0100 0.0002 ## 3 1 1.3556 nan 0.0100 0.0002 ## 3 1 1.3556 nan 0.0100 0.0005 ## 4 1 1.3354 nan 0.0100 0.0005 ## 5 1.2996 nan 0.0100 0.0065 ## 5 1.2996 nan 0.0100 0.0065 ## 6 1.2873 nan 0.0100 0.0063 ## 7 1.2749 nan 0.0100 0.0063 ## 8 1.2630 nan 0.0100 0.0064 ## 9 1.2513 nan 0.0100 0.0065 ## 9 1.2513 nan 0.0100 0.0059 ## 10 1.2397 nan 0.0100 0.0059 ## 10 1.2397 nan 0.0100 0.0055 ## 20 1.1349 nan 0.0100 0.0055 ## 10 1.2397 nan 0.0100 0.0055 ## 20 1.1349 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0025 ## 10 0.0551 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0012 ## 120 0.6108 nan 0.0100 0.0017 ## 180 0.4901 nan 0.0100 0.0017 ## 180 0.4901 nan 0.0100 0.0005 ## 180 0.4901 nan 0.0100 0.0005 ## 200 0.4648 nan 0.0100 0.0000	##	20	1.1340	nan	0.0100	0.0046
## 60 0.8431 nan 0.0100 0.0027 ## 80 0.7457 nan 0.0100 0.0020 ## 100 0.6696 nan 0.0100 0.0016 ## 120 0.6097 nan 0.0100 0.0014 ## 140 0.5601 nan 0.0100 0.0018 ## 180 0.4902 nan 0.0100 0.0008 ## 200 0.4645 nan 0.0100 0.0006 ## 220 0.4446 nan 0.0100 0.0003 ## 240 0.4277 nan 0.0100 0.0003 ## 280 0.4016 nan 0.0100 0.0002 ## 300 0.3921 nan 0.0100 0.0002 ## 3 1 1.3556 nan 0.0100 0.0002 ## 3 1 1.3556 nan 0.0100 0.0005 ## 4 1 1.3354 nan 0.0100 0.0005 ## 5 1.2996 nan 0.0100 0.0065 ## 5 1.2996 nan 0.0100 0.0065 ## 6 1.2873 nan 0.0100 0.0063 ## 7 1.2749 nan 0.0100 0.0063 ## 8 1.2630 nan 0.0100 0.0064 ## 9 1.2513 nan 0.0100 0.0065 ## 9 1.2513 nan 0.0100 0.0059 ## 10 1.2397 nan 0.0100 0.0059 ## 10 1.2397 nan 0.0100 0.0055 ## 20 1.1349 nan 0.0100 0.0055 ## 10 1.2397 nan 0.0100 0.0055 ## 20 1.1349 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0025 ## 10 0.0551 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0012 ## 120 0.6108 nan 0.0100 0.0017 ## 180 0.4901 nan 0.0100 0.0017 ## 180 0.4901 nan 0.0100 0.0005 ## 180 0.4901 nan 0.0100 0.0005 ## 200 0.4648 nan 0.0100 0.0000	##	40	0.9683	nan	0.0100	0.0034
## 80 0.7457						
## 100 0.6696 nan 0.0100 0.0016 ## 120 0.6097 nan 0.0100 0.0014 ## 140 0.5601 nan 0.0100 0.0014 ## 160 0.5217 nan 0.0100 0.0008 ## 180 0.4902 nan 0.0100 0.0005 ## 200 0.4645 nan 0.0100 0.0005 ## 220 0.4446 nan 0.0100 0.0003 ## 280 0.4915 nan 0.0100 0.0003 ## 300 0.3921 nan 0.0100 0.0002 ## # 1 1 1.3516 nan 0.0100 0.0002 ## 2 1.3384 nan 0.0100 0.0065 ## 3 1.3251 nan 0.0100 0.0065 ## 4 1 1.3124 nan 0.0100 0.0065 ## 5 1.2996 nan 0.0100 0.0065 ## 6 1.2873 nan 0.0100 0.0063 ## 7 1.2749 nan 0.0100 0.0064 ## 8 1.2630 nan 0.0100 0.0065 ## 9 1.2513 nan 0.0100 0.0065 ## 9 1.2513 nan 0.0100 0.0065 ## 40 0.9695 nan 0.0100 0.0055 ## 40 0.9695 nan 0.0100 0.0065 ## 40 0.9695 nan 0.0100 0.0055 ## 20 0.4442 nan 0.0100 0.0005 ## 20 0.4648 nan 0.0100 0.0006						
## 120 0.6097						
## 140	##	100	0.6696	nan	0.0100	0.0016
## 160 0.5217	##	120	0.6097	nan	0.0100	0.0014
## 160 0.5217	##	140	0.5601	nan	0.0100	0.0010
## 180 0.4902	##		0 5217	nan		
## 200						
## 220 0.4446						
## 240 0.4277 nan 0.0100 0.0003 ## 260 0.4135 nan 0.0100 0.0002 ## 300 0.3921 nan 0.0100 0.0002 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 2 1.3384 nan 0.0100 0.0065 ## 3 1.3251 nan 0.0100 0.0065 ## 4 1.3124 nan 0.0100 0.0065 ## 5 1.2996 nan 0.0100 0.0063 ## 6 1.2873 nan 0.0100 0.0064 ## 7 1.2749 nan 0.0100 0.0066 ## 8 1.2630 nan 0.0100 0.0065 ## 9 1.2513 nan 0.0100 0.0059 ## 10 1.2397 nan 0.0100 0.0057 ## 20 1.1349 nan 0.0100 0.0057 ## 20 1.1349 nan 0.0100 0.0056 ## 40 0.9695 nan 0.0100 0.0056 ## 40 0.9695 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0035 ## 100 0.6722 nan 0.0100 0.0029 ## 80 0.7488 nan 0.0100 0.0029 ## 100 0.6722 nan 0.0100 0.0019 ## 120 0.6108 nan 0.0100 0.0019 ## 120 0.6488 nan 0.0100 0.0019 ## 120 0.6488 nan 0.0100 0.0019 ## 220 0.4442 nan 0.0100 0.0009 ## 220 0.4442 nan 0.0100 0.0009 ## 220 0.4442 nan 0.0100 0.0004 ## 220 0.4442 nan 0.0100 0.0004 ## 220 0.4442 nan 0.0100 0.0004 ## 220 0.4442 nan 0.0100 0.0005 ## 280 0.4016 nan 0.0100 0.0001 ## 280 0.4016 nan 0.0100 0.0001				nan		
## 260 0.4135 nan 0.0100 0.0002 ## 300 0.3921 nan 0.0100 0.0002 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3516 nan 0.0100 0.0065 ## 3 1.3251 nan 0.0100 0.0065 ## 4 1.3124 nan 0.0100 0.0065 ## 5 1.2996 nan 0.0100 0.0063 ## 6 1.2873 nan 0.0100 0.0061 ## 7 1.2749 nan 0.0100 0.0066 ## 8 1.2630 nan 0.0100 0.0059 ## 9 1.2513 nan 0.0100 0.0059 ## 10 1.2397 nan 0.0100 0.0055 ## 20 1.1349 nan 0.0100 0.0056 ## 40 0.9695 nan 0.0100 0.0056 ## 40 0.9695 nan 0.0100 0.0048 ## 40 0.9695 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0035 ## 100 0.6722 nan 0.0100 0.0019 ## 120 0.6108 nan 0.0100 0.0019 ## 140 0.5610 nan 0.0100 0.0019 ## 140 0.5610 nan 0.0100 0.0019 ## 140 0.5610 nan 0.0100 0.0019 ## 180 0.4901 nan 0.0100 0.0006 ## 220 0.4442 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0001 ## 280 0.4016 nan 0.0100 0.0001 ## 280 0.4016 nan 0.0100 0.0001	##	220		nan	0.0100	0.0004
## 280 0.4016 nan 0.0100 0.0002 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3516 nan 0.0100 0.0065 ## 2 1.3384 nan 0.0100 0.0065 ## 4 1.3124 nan 0.0100 0.0063 ## 5 1.2996 nan 0.0100 0.0064 ## 6 1.2873 nan 0.0100 0.0064 ## 7 1.2749 nan 0.0100 0.0066 ## 8 1.2630 nan 0.0100 0.0059 ## 9 1.2513 nan 0.0100 0.0055 ## 4 0 0.3921 nan 0.0100 0.0064 ## 10 0.0055 ## 10 0.0055 ## 20 1.1349 nan 0.0100 0.0056 ## 20 0.0055 ## 10 0.0055 ## 20 0.0055 ## 10 0.0055 ##	##	240	0.4277	nan	0.0100	0.0003
## 280 0.4016 nan 0.0100 0.0002 ## 300 0.3921 nan 0.0100 0.0002 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3516 nan 0.0100 0.0067 ## 2 1.3384 nan 0.0100 0.0065 ## 3 1.3251 nan 0.0100 0.0065 ## 4 1.3124 nan 0.0100 0.0063 ## 5 1.2996 nan 0.0100 0.0064 ## 6 1.2873 nan 0.0100 0.0064 ## 7 1.2749 nan 0.0100 0.0060 ## 8 1.2630 nan 0.0100 0.0059 ## 9 1.2513 nan 0.0100 0.0059 ## 9 1.2513 nan 0.0100 0.0057 ## 10 1.2397 nan 0.0100 0.0056 ## 20 1.1349 nan 0.0100 0.0056 ## 40 0.9695 nan 0.0100 0.0048 ## 40 0.9695 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0029 ## 100 0.6722 nan 0.0100 0.0019 ## 120 0.6108 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0012 ## 180 0.4901 nan 0.0100 0.0012 ## 180 0.4901 nan 0.0100 0.0009 ## 240 0.4648 nan 0.0100 0.0009 ## 280 0.4442 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0001 ## 280 0.4016 nan 0.0100 0.0001 ## 280 0.4016 nan 0.0100 0.0001	##	260	0.4135	nan	0.0100	0.0002
## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3516 nan 0.0100 0.0067						
## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3516						
## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3516 nan 0.0100 0.0067 ## 2 1.3384 nan 0.0100 0.0065 ## 3 1.3251 nan 0.0100 0.0065 ## 4 1.3124 nan 0.0100 0.0063 ## 5 1.2996 nan 0.0100 0.0064 ## 6 1.2873 nan 0.0100 0.0061 ## 7 1.2749 nan 0.0100 0.0060 ## 8 1.2630 nan 0.0100 0.0059 ## 9 1.2513 nan 0.0100 0.0057 ## 10 1.2397 nan 0.0100 0.0056 ## 20 1.1349 nan 0.0100 0.0056 ## 40 0.9695 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0035 ## 80 0.7488 nan 0.0100 0.0029 ## 80 0.7488 nan 0.0100 0.0019 ## 100 0.6722 nan 0.0100 0.0019 ## 120 0.6108 nan 0.0100 0.0019 ## 140 0.5610 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0010 ## 180 0.4901 nan 0.0100 0.0009 ## 180 0.4901 nan 0.0100 0.0005 ## 200 0.4648 nan 0.0100 0.0005 ## 200 0.4648 nan 0.0100 0.0005 ## 240 0.4272 nan 0.0100 0.0003 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0001 ## 280 0.4016 nan 0.0100 0.0001 ## 280 0.4016 nan 0.0100 0.0001		300	0.5921	IIaii	0.0100	0.0002
## 1 1.3516						_
## 2 1.3384	##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 2 1.3384	##	1	1.3516	nan	0.0100	0.0067
## 3 1.3251	##		1.3384	nan	0.0100	0.0065
## 4 1.3124						
## 5 1.2996						
## 6 1.2873						
## 7 1.2749						
## 8 1.2630				nan		
## 8 1.2630	##	7	1.2749	nan		0.0060
## 9 1.2513	##	8	1.2630	nan	0.0100	0.0059
## 10 1.2397 nan 0.0100 0.0056 ## 20 1.1349 nan 0.0100 0.0048 ## 40 0.9695 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0029 ## 80 0.7488 nan 0.0100 0.0019 ## 100 0.6722 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0012 ## 160 0.5215 nan 0.0100 0.0009 ## 180 0.4901 nan 0.0100 0.0006 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0005 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0001 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 20 1.1349 nan 0.0100 0.0048 ## 40 0.9695 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0029 ## 80 0.7488 nan 0.0100 0.0019 ## 100 0.6722 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0010 ## 160 0.5215 nan 0.0100 0.0009 ## 180 0.4901 nan 0.0100 0.0006 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0005 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 40 0.9695 nan 0.0100 0.0035 ## 60 0.8434 nan 0.0100 0.0029 ## 80 0.7488 nan 0.0100 0.0019 ## 100 0.6722 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0010 ## 160 0.5215 nan 0.0100 0.0009 ## 180 0.4901 nan 0.0100 0.0006 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0005 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 60 0.8434 nan 0.0100 0.0029 ## 80 0.7488 nan 0.0100 0.0019 ## 100 0.6722 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0010 ## 160 0.5215 nan 0.0100 0.0009 ## 180 0.4901 nan 0.0100 0.0006 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001						
## 80 0.7488 nan 0.0100 0.0019 ## 100 0.6722 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0010 ## 160 0.5215 nan 0.0100 0.0009 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001	##	40	0.9695	nan	0.0100	0.0035
## 80 0.7488 nan 0.0100 0.0019 ## 100 0.6722 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0010 ## 160 0.5215 nan 0.0100 0.0009 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001	##	60	0.8434	nan	0.0100	0.0029
## 100 0.6722 nan 0.0100 0.0017 ## 120 0.6108 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0010 ## 160 0.5215 nan 0.0100 0.0009 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001						
## 120 0.6108 nan 0.0100 0.0012 ## 140 0.5610 nan 0.0100 0.0010 ## 160 0.5215 nan 0.0100 0.0009 ## 180 0.4901 nan 0.0100 0.0006 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 140 0.5610 nan 0.0100 0.0010 ## 160 0.5215 nan 0.0100 0.0009 ## 180 0.4901 nan 0.0100 0.0006 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 160 0.5215 nan 0.0100 0.0009 ## 180 0.4901 nan 0.0100 0.0006 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 180 0.4901 nan 0.0100 0.0006 ## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001				nan		
## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001	##	160	0.5215	nan	0.0100	0.0009
## 200 0.4648 nan 0.0100 0.0005 ## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001	##		0.4901			
## 220 0.4442 nan 0.0100 0.0004 ## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 240 0.4272 nan 0.0100 0.0003 ## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 260 0.4132 nan 0.0100 0.0002 ## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001						
## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001				nan		
## 280 0.4016 nan 0.0100 0.0001 ## 300 0.3921 nan 0.0100 0.0001	##	260	0.4132	nan	0.0100	0.0002
## 300 0.3921 nan 0.0100 0.0001	##	280	0.4016	nan		0.0001
""		500	3.3321	11411	0.0100	
	1111					

					_
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3514	nan	0.0100	0.0067
##	2	1.3379	nan	0.0100	0.0067
##	3	1.3248	nan	0.0100	0.0065
##	4	1.3119	nan	0.0100	0.0064
##	5	1.2998	nan	0.0100	0.0060
##	6	1.2875	nan	0.0100	0.0061
##	7	1.2753	nan	0.0100	0.0060
##	8	1.2634	nan	0.0100	0.0059
##	9	1.2517	nan	0.0100	0.0057
##	10	1.2400	nan	0.0100	0.0057
##	20	1.1338	nan	0.0100	0.0046
##	40	0.9670	nan	0.0100	0.0035
##	60	0.8432	nan	0.0100	0.0026
##	80	0.7471	nan	0.0100	0.0019
##	100	0.6710	nan	0.0100	0.0015
##	120	0.6107	nan	0.0100	0.0012
##	140	0.5613	nan	0.0100	0.0010
##	160	0.5221	nan	0.0100	0.0008
##	180	0.4902	nan	0.0100	0.0006
##	200	0.4643	nan	0.0100	0.0005
##	220	0.4442	nan	0.0100	0.0004
##	240	0.4275	nan	0.0100	0.0003
##	260	0.4135	nan	0.0100	0.0003
##	280	0.4020	nan	0.0100	0.0002
##	300	0.3923	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3518	nan	0.0100	0.0068
##	2	1.3384	nan	0.0100	0.0065
##	3	1.3255	nan	0.0100	0.0064
##	4	1.3125	nan	0.0100	0.0063
##	5	1.2999	nan	0.0100	0.0063
##	6	1.2874	nan	0.0100	0.0061
##	7	1.2754	nan	0.0100	0.0060
##	8	1.2637	nan	0.0100	0.0058
##	9	1.2520	nan	0.0100	0.0057
##	10	1.2406	nan	0.0100	0.0056
##	20	1.1352	nan	0.0100	0.0038
##	40	0.9701	nan	0.0100	0.0034
##	60	0.8454	nan	0.0100	0.0037
##	80	0.7477		0.0100	0.0027
##	100	0.6726	nan	0.0100	0.0020
##			nan		
##	120 140	0.6122 0.5630	nan	0.0100 0.0100	0.0012 0.0008
##	160	0.5226	nan		0.0009
##	180		nan	0.0100	
##	200	0.4910 0.4649	nan	0.0100 0.0100	0.0006 0.0005
##			nan		
##	220	0.4440 0.4274	nan	0.0100	0.0004
	240		nan	0.0100	0.0003
##	260	0.4142	nan	0.0100	0.0002
##	280	0.4028	nan	0.0100	0.0002
##	300	0.3932	nan	0.0100	0.0001
##	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmprovo
##	Iter 1	TrainDeviance 1.3508	ValidDeviance	StepSize 0.0100	Improve 0.0072
##	2	1.3369	nan	0.0100	0.0072
##	3	1.3231	nan nan	0.0100	0.0068
##	4	1.3096	nan	0.0100	0.0064
##	5	1.2966	nan	0.0100	0.0063
##	6		nan		
	7	1.2836	nan	0.0100	0.0063
##		1.2709	nan	0.0100	0.0062
##	8	1.2583	nan	0.0100	0.0061
##	9	1.2461	nan	0.0100	0.0059
##	10	1.2338	nan	0.0100	0.0060
##	20	1.1250	nan	0.0100	0.0049
##	40	0.9529	nan	0.0100	0.0035
##	60	0.8252	nan	0.0100	0.0024
##	80	0.7264	nan	0.0100	0.0022
##	100	0.6516	nan	0.0100	0.0014
##	120	0.5923	nan	0.0100	0.0009
##	140	0.5454	nan	0.0100	0.0010
##	160	0.5071	nan	0.0100	0.0007
##	180	0.4767	nan	0.0100	0.0006
##	200	0.4512	nan	0.0100	0.0005
##	220	0.4304	nan	0.0100	0.0004
##	240	0.4141	nan	0.0100	0.0002
##	260	0.4007	nan	0.0100	0.0002
##	280	0.3895	nan	0.0100	0.0001

##	300	0.3804	nan	0.0100	0.0001
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3512	nan	0.0100	0.0069
##	2	1.3371	nan	0.0100	0.0068
##	4	1.3236	nan	0.0100	0.0065
##	5	1.3100	nan	0.0100	0.0068
##	6	1.2968 1.2837	nan nan	0.0100 0.0100	0.0065 0.0064
##	7	1.2711	nan	0.0100	0.0061
##	8	1.2582	nan	0.0100	0.0061
##	9	1.2459	nan	0.0100	0.0061
##	10	1.2339	nan	0.0100	0.0058
##	20	1.1244	nan	0.0100	0.0030
##	40	0.9538	nan	0.0100	0.0049
##	60	0.8258	nan	0.0100	0.0037
##	80	0.7277	nan	0.0100	0.0027
##	100	0.6523	nan	0.0100	0.0016
##	120	0.5920	nan	0.0100	0.0011
##	140	0.5438	nan	0.0100	0.0010
##	160	0.5055	nan	0.0100	0.0008
##	180	0.4750	nan	0.0100	0.0004
##	200	0.4505	nan	0.0100	0.0004
##	220	0.4305	nan	0.0100	0.0004
##	240	0.4141	nan	0.0100	0.0003
##	260	0.4005	nan	0.0100	0.0003
##	280	0.3890	nan	0.0100	0.0002
##	300	0.3796	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0069
##	2	1.3370	nan	0.0100	0.0069
##	3	1.3232	nan	0.0100	0.0067
##	4	1.3098	nan	0.0100	0.0065
##	5	1.2964	nan	0.0100	0.0065
##	6	1.2834	nan	0.0100	0.0064
##	7	1.2706	nan	0.0100	0.0063
##	8	1.2580	nan	0.0100	0.0063
##	9	1.2461	nan	0.0100	0.0058
##	10	1.2339	nan	0.0100	0.0060
##	20	1.1254	nan	0.0100	0.0046
##	40	0.9549	nan	0.0100	0.0036
##	60 80	0.8275 0.7294	nan nan	0.0100 0.0100	0.0028 0.0021
##	100	0.6539	nan	0.0100	0.0017
##	120	0.5935	nan	0.0100	0.0012
##	140	0.5455	nan	0.0100	0.0009
##	160	0.5071	nan	0.0100	0.0008
##	180	0.4768	nan	0.0100	0.0006
##	200	0.4522	nan	0.0100	0.0004
##	220	0.4323	nan	0.0100	0.0004
##	240	0.4158	nan	0.0100	0.0002
##	260	0.4025	nan	0.0100	0.0001
##	280	0.3916	nan	0.0100	0.0002
##	300	0.3824	nan	0.0100	0.0001
##	- .			o. o.	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3507	nan	0.0100	0.0070
##	2	1.3368	nan	0.0100	0.0069
##	3	1.3232	nan	0.0100	0.0069
##	4	1.3100	nan	0.0100	0.0065
##	5	1.2967	nan	0.0100	0.0065
##	6 7	1.2841	nan	0.0100	0.0062
##	8	1.2716 1.2592	nan	0.0100 0.0100	0.0060 0.0063
##	9	1.2392	nan	0.0100	0.0063
##	10	1.2345	nan nan	0.0100	0.0059
##	20	1.1249	nan	0.0100	0.0059
##	40	0.9538	nan	0.0100	0.0035
##	60	0.8267	nan	0.0100	0.0033
##	80	0.7291	nan	0.0100	0.0020
##	100	0.6526	nan	0.0100	0.0021
##	120	0.5932	nan	0.0100	0.0010
##	140	0.5462	nan	0.0100	0.0009
##	160	0.5080	nan	0.0100	0.0008
##	180	0.4763	nan	0.0100	0.0006
##	200	0.4519	nan	0.0100	0.0004
##	220	0.4318	nan	0.0100	0.0004
##	240	0.4152	nan	0.0100	0.0003

##	260	0.4028	nan	0.0100	0.0002
##	280	0.3919	nan	0.0100	0.0001
##	300	0.3823	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2537	nan	0.1000	0.0549
##	2	1.1639	nan	0.1000	0.0443
##	3	1.0891	nan	0.1000	0.0356
##	4	1.0279	nan	0.1000	0.0306
##	5	0.9748	nan	0.1000	0.0273
##	6	0.9281	nan	0.1000	0.0273
	7				
##		0.8849	nan	0.1000	0.0207
##	8	0.8491	nan	0.1000	0.0176
##	9	0.8176	nan	0.1000	0.0146
##	10	0.7869	nan	0.1000	0.0154
##	20	0.5976	nan	0.1000	0.0053
##	40	0.4539	nan	0.1000	0.0019
##	60	0.4034	nan	0.1000	0.0005
##	80	0.3743	nan	0.1000	0.0001
##	100	0.3588	nan	0.1000	0.0006
##	120	0.3502	nan	0.1000	0.0000
	140				
##		0.3424	nan	0.1000	-0.0002
##	160	0.3379	nan	0.1000	0.0002
##	180	0.3337	nan	0.1000	-0.0001
##	200	0.3301	nan	0.1000	-0.0002
##	220	0.3275	nan	0.1000	0.0000
##	240	0.3244	nan	0.1000	-0.0000
##	260	0.3222	nan	0.1000	-0.0002
##	280	0.3201	nan	0.1000	-0.0001
##	300	0.3177	nan	0.1000	-0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1			•	•
		1.2522	nan	0.1000	0.0537
##	2	1.1624	nan	0.1000	0.0442
##	3	1.0878	nan	0.1000	0.0365
##	4	1.0279	nan	0.1000	0.0291
##	5	0.9700	nan	0.1000	0.0279
##	6	0.9230	nan	0.1000	0.0221
##	7	0.8792	nan	0.1000	0.0211
##	8	0.8446	nan	0.1000	0.0171
##	9	0.8141	nan	0.1000	0.0141
##	10	0.7819	nan	0.1000	0.0158
##	20	0.5937		0.1000	0.0057
			nan		
##	40	0.4523	nan	0.1000	0.0002
##	60	0.3968	nan	0.1000	0.0012
##	80	0.3696	nan	0.1000	0.0002
##	100	0.3551	nan	0.1000	0.0000
##	120	0.3444	nan	0.1000	0.0001
##	140	0.3383	nan	0.1000	-0.0004
##	160	0.3332	nan	0.1000	-0.0000
##	180	0.3305	nan	0.1000	-0.0000
##	200	0.3270	nan	0.1000	0.0001
##	220	0.3244	nan	0.1000	-0.0001
##	240	0.3221	nan	0.1000	-0.0001
##	260	0.3197	nan	0.1000	-0.0001
##	280	0.3176		0.1000	-0.0002
			nan		
##	300	0.3155	nan	0.1000	-0.0003
##	T+~~	TrainDavis	Validha	C+c=C:=-	Tmm mc···-
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2556	nan	0.1000	0.0548
##	2	1.1656	nan	0.1000	0.0440
##	3	1.0911	nan	0.1000	0.0361
##	4	1.0252	nan	0.1000	0.0308
##	5	0.9717	nan	0.1000	0.0266
##	6	0.9258	nan	0.1000	0.0222
##	7	0.8818	nan	0.1000	0.0211
##	8	0.8443	nan	0.1000	0.0176
##	9	0.8101	nan	0.1000	0.0164
##	10	0.7795			
			nan	0.1000	0.0139
##	20	0.5948	nan	0.1000	0.0056
##	40	0.4533	nan	0.1000	0.0022
##	60	0.3974	nan	0.1000	0.0009
##	80	0.3714	nan	0.1000	0.0002
##	100	0.3551	nan	0.1000	-0.0000
##	120	0.3462	nan	0.1000	0.0002
##	140	0.3407	nan	0.1000	-0.0003
##	160	0.3368	nan	0.1000	-0.0001
##	180	0.3338	nan	0.1000	-0.0002
##	200	0.3299	nan	0.1000	-0.0002
	_00	0.5255	11411		J J J L

##	220	0.3268	nan	0.1000	-0.0001
##	240	0.3244	nan	0.1000	-0.0004
##	260	0.3222	nan	0.1000	-0.0003
##	280	0.3196	nan	0.1000	-0.0002
##	300	0.3181	nan	0.1000	-0.0002
##	300	0.5101	IIaii	0.1000	-0.0002
	T+0.0	TrainDaviance	ValidDaviance	CtanCiaa	Tmnmava
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2538	nan	0.1000	0.0545
##	2	1.1679	nan	0.1000	0.0437
##	3	1.0903	nan	0.1000	0.0375
##	4	1.0273	nan	0.1000	0.0318
##	5	0.9759	nan	0.1000	0.0263
##	6	0.9290	nan	0.1000	0.0218
##	7	0.8884	nan	0.1000	0.0194
##	8	0.8476	nan	0.1000	0.0201
##	9	0.8132	nan	0.1000	0.0165
##	10	0.7835	nan	0.1000	0.0140
##	20	0.5971	nan	0.1000	0.0053
##	40	0.4550	nan	0.1000	0.0021
##	60	0.3971	nan	0.1000	0.0004
##	80	0.3724	nan	0.1000	0.0006
##	100	0.3553	nan	0.1000	0.0000
##	120	0.3454	nan	0.1000	-0.0003
##	140	0.3393		0.1000	-0.0003
	160		nan		
##		0.3346	nan	0.1000	-0.0001
##	180	0.3320	nan	0.1000	-0.0002
##	200	0.3293	nan	0.1000	-0.0001
##	220	0.3275	nan	0.1000	-0.0002
##	240	0.3239	nan	0.1000	-0.0002
##	260	0.3219	nan	0.1000	-0.0004
##	280	0.3199	nan	0.1000	-0.0001
##	300	0.3182	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2403	nan	0.1000	0.0621
##	2	1.1397	nan	0.1000	0.0480
##	3	1.0544	nan	0.1000	0.0420
##	4	0.9835	nan	0.1000	0.0365
##	5	0.9202	nan	0.1000	0.0312
##	6	0.8624	nan	0.1000	0.0278
##	7	0.8157	nan	0.1000	0.0276
##	8	0.7728	nan	0.1000	0.0220
	_				
##	9	0.7346	nan	0.1000	0.0181
##	10	0.7021	nan	0.1000	0.0165
##	20	0.4972	nan	0.1000	0.0062
##	40	0.3801	nan	0.1000	0.0004
##	60	0.3518	nan	0.1000	-0.0003
##	80	0.3374	nan	0.1000	-0.0004
##	100	0.3257	nan	0.1000	-0.0004
##	120	0.3146	nan	0.1000	-0.0001
##	140	0.3057	nan	0.1000	-0.0010
##	160	0.2983	nan	0.1000	-0.0006
##	180	0.2892	nan	0.1000	-0.0004
##	200	0.2821	nan	0.1000	-0.0003
##	220	0.2754	nan	0.1000	-0.0003
##	240	0.2699	nan	0.1000	-0.0001
##	260	0.2641	nan	0.1000	-0.0005
##	280	0.2594	nan	0.1000	0.0001
##	300	0.2559	nan	0.1000	-0.0004
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2412	nan	0.1000	0.0604
##	2	1.1420	nan	0.1000	0.0481
##	3	1.0570	nan	0.1000	0.0419
##	4	0.9837	nan	0.1000	0.0358
##	5	0.9150		0.1000	0.0338
##			nan		
	6	0.8626	nan	0.1000	0.0250
##	7	0.8152	nan	0.1000	0.0230
##	8	0.7699	nan	0.1000	0.0212
##	9	0.7288	nan	0.1000	0.0188
##	10	0.6976	nan	0.1000	0.0151
##	20	0.4936	nan	0.1000	0.0063
##	40	0.3780	nan	0.1000	0.0014
##	60	0.3475	nan	0.1000	-0.0006
##	80	0.3350	nan	0.1000	-0.0001
##	100	0.3252	nan	0.1000	-0.0001
##	120	0.3169	nan	0.1000	-0.0008
##	140	0.3098	nan	0.1000	-0.0009
##	160	0.3008	nan	0.1000	-0.0004
1					

##	180	0.2943	nan	0.1000	-0.0003
##	200	0.2881	nan	0.1000	-0.0003
##	220	0.2809	nan	0.1000	-0.0002
##	240	0.2756	nan	0.1000	-0.0003
##	260	0.2717	nan	0.1000	-0.0001
##	280	0.2636	nan	0.1000	0.0002
##	300	0.2579	nan	0.1000	-0.0003
	300	0.2373	IIIII	0.1000	-0.0003
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2408	nan	0.1000	0.0617
##	2	1.1435	nan	0.1000	0.0476
##	3	1.0569	nan	0.1000	0.0418
##	4	0.9878			
			nan	0.1000	0.0337
##	5	0.9253	nan	0.1000	0.0293
##	6	0.8666	nan	0.1000	0.0287
##	7	0.8185	nan	0.1000	0.0227
##	8	0.7731	nan	0.1000	0.0214
##	9	0.7343	nan	0.1000	0.0183
##	10				0.0159
		0.7008	nan	0.1000	
##	20	0.4945	nan	0.1000	0.0052
##	40	0.3777	nan	0.1000	0.0008
##	60	0.3511	nan	0.1000	0.0003
##	80	0.3379	nan	0.1000	-0.0005
##	100	0.3292	nan	0.1000	-0.0002
##	120				
		0.3217	nan	0.1000	-0.0004
##	140	0.3144	nan	0.1000	-0.0003
##	160	0.3082	nan	0.1000	-0.0004
##	180	0.3015	nan	0.1000	0.0002
##	200	0.2942	nan	0.1000	-0.0003
##	220	0.2882	nan	0.1000	-0.0004
##	240	0.2820	nan	0.1000	-0.0004
##	260	0.2767	nan	0.1000	-0.0005
##	280	0.2715	nan	0.1000	-0.0002
##	300	0.2668	nan	0.1000	-0.0004
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	•
##	1	1.2432	nan	0.1000	0.0606
##	2	1.1412	nan	0.1000	0.0496
##	3	1.0554	nan	0.1000	0.0420
##	4	0.9804	nan	0.1000	0.0364
##	5	0.9206	nan	0.1000	0.0303
##	6	0.8652	nan	0.1000	0.0272
	_				
##	7	0.8172	nan	0.1000	0.0227
##	8	0.7719	nan	0.1000	0.0221
##	9	0.7351	nan	0.1000	0.0175
##	10	0.7040	nan	0.1000	0.0155
##	20	0.4946	nan	0.1000	0.0068
##	40	0.3773	nan	0.1000	0.0016
##	60				
		0.3511	nan	0.1000	-0.0001
##	80	0.3384	nan	0.1000	-0.0000
##	100	0.3288	nan	0.1000	-0.0002
##	120	0.3215	nan	0.1000	-0.0004
##	140	0.3118	nan	0.1000	-0.0004
##	160	0.3055	nan	0.1000	-0.0003
##	180	0.2978	nan	0.1000	-0.0003
##	200	0.2918	nan	0.1000	-0.0006
##	220	0.2862	nan	0.1000	-0.0004
##	240	0.2798	nan	0.1000	-0.0004
##	260	0.2736	nan	0.1000	-0.0003
##	280	0.2688	nan	0.1000	-0.0005
##	300	0.2637	nan	0.1000	-0.0006
##	500	0.2037	iidil	3.1000	5.0000
	T+	TuninDavid	Vol 4 do	C+C:	T
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2352	nan	0.1000	0.0642
##	2	1.1274	nan	0.1000	0.0521
##	3	1.0359	nan	0.1000	0.0455
##	4	0.9590	nan	0.1000	0.0371
##	5	0.8907			0.0371
			nan	0.1000	
##	6	0.8336	nan	0.1000	0.0277
##	7	0.7789	nan	0.1000	0.0257
##	8	0.7368	nan	0.1000	0.0205
##	9	0.6978	nan	0.1000	0.0173
##	10	0.6599	nan	0.1000	0.0178
##	20	0.4599		0.1000	0.0047
			nan		
##	40	0.3607	nan	0.1000	-0.0001
##	60	0.3333	nan	0.1000	-0.0001
##	80	0.3150	nan	0.1000	0.0001
##	100	0.2990	nan	0.1000	-0.0001
##	120	0.2865	nan	0.1000	-0.0004
""	120	0.2003	nan	0.1000	2.300∓

##	140	0.2714	nan	0.1000	-0.0001
##	160	0.2565	nan	0.1000	0.0002
##	180	0.2468	nan	0.1000	-0.0004
##	200	0.2373	nan	0.1000	-0.0003
##	220	0.2301	nan	0.1000	-0.0003
##	240	0.2223	nan	0.1000	-0.0005
##	260	0.2165	nan	0.1000	-0.0003
##	280	0.2092	nan	0.1000	-0.0003
##	300	0.2022	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2410	nan	0.1000	0.0621
##	2	1.1307	nan	0.1000	0.0536
##	3	1.0337	nan	0.1000	0.0459
##	4	0.9579	nan	0.1000	0.0376
##	5	0.8925	nan	0.1000	0.0321
##	6	0.8358	nan	0.1000	0.0264
##	7	0.7841	nan	0.1000	0.0256
##	8	0.7411	nan	0.1000	0.0208
##	9	0.6978	nan	0.1000	0.0209
##	10	0.6635	nan	0.1000	0.0161
##	20	0.4584	nan	0.1000	0.0049
##	40	0.3581	nan	0.1000	0.0006
##	60	0.3296	nan	0.1000	-0.0005
##	80 100	0.3109	nan	0.1000	-0.0004
##	100	0.2986	nan	0.1000	-0.0002
##	120	0.2868	nan	0.1000	-0.0001
##	140	0.2738	nan	0.1000	-0.0002
##	160	0.2659	nan	0.1000	-0.0002
##	180	0.2567	nan	0.1000	-0.0001
##	200	0.2459	nan	0.1000	-0.0002
##	220	0.2375	nan	0.1000	-0.0002
##	240	0.2295	nan	0.1000	-0.0002
##	260	0.2243	nan	0.1000	-0.0004
##	280	0.2171	nan	0.1000	-0.0002
##	300	0.2112	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2353	nan	0.1000	0.0651
##	2	1.1294	nan	0.1000	0.0522
##	3	1.0389	nan	0.1000	0.0438
##	4	0.9608	nan	0.1000	0.0382
##	5	0.8953	nan	0.1000	0.0322
##	6	0.8341		0.1000	0.0322
##	7	0.7817	nan nan	0.1000	0.0254
##	8	0.7378		0.1000	0.0234
##	9		nan	0.1000	
	10	0.7011	nan	0.1000	0.0175
##		0.6645	nan		0.0171
##	20	0.4602	nan	0.1000	0.0053
##	40	0.3603	nan	0.1000	0.0002
##	60	0.3337	nan	0.1000	-0.0005
##	80	0.3172	nan	0.1000	-0.0007
##	100	0.3016	nan	0.1000	-0.0003
##	120	0.2886	nan	0.1000	-0.0004
##	140	0.2788	nan	0.1000	-0.0004
##	160	0.2687	nan	0.1000	-0.0003
##	180	0.2598	nan	0.1000	-0.0001
##	200	0.2511	nan	0.1000	-0.0007
##	220	0.2441	nan	0.1000	-0.0004
##	240	0.2362	nan	0.1000	-0.0006
##	260	0.2274	nan	0.1000	-0.0005
##	280	0.2223	nan	0.1000	-0.0001
##	300	0.2175	nan	0.1000	-0.0006
##	500	0.21,5	11411	3.2000	
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2331	nan	0.1000	0.0644
##	2	1.1239	nan	0.1000	0.0541
##	3	1.0334		0.1000	
	4		nan		0.0435
##		0.9555	nan	0.1000	0.0384
##	5	0.8900	nan	0.1000	0.0308
##	6	0.8355	nan	0.1000	0.0271
##	7	0.7812	nan	0.1000	0.0267
##	8	0.7374	nan	0.1000	0.0208
##	9	0.7011	nan	0.1000	0.0175
##	10	0.6678	nan	0.1000	0.0158
##	20	0.4657	nan	0.1000	0.0040
##	40	0.3642	nan	0.1000	0.0006
##	60	0.3387	nan	0.1000	-0.0007
##	80	0.3208	nan	0.1000	-0.0006
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##	100	0.3091	nan	0.1000	-0.0002
##	120	0.2988	nan	0.1000	-0.0004
##	140	0.2891	nan	0.1000	-0.0005
##	160	0.2806	nan	0.1000	-0.0007
##	180	0.2686	nan	0.1000	-0.0006
##	200	0.2592	nan	0.1000	-0.0008
##		0.2493			-0.0000
	220		nan	0.1000	
##	240	0.2417	nan	0.1000	-0.0007
##	260	0.2344	nan	0.1000	-0.0001
##	280	0.2285	nan	0.1000	-0.0006
##	300	0.2219	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2286	nan	0.1000	0.0664
##	2	1.1148	nan	0.1000	0.0537
##	3	1.0204	nan	0.1000	0.0459
##	4	0.9405	nan	0.1000	0.0390
##	5	0.8710	nan	0.1000	0.0336
##	6	0.8122	nan	0.1000	0.0282
##	7	0.7626	nan	0.1000	0.0234
##	8	0.7175	nan	0.1000	0.0207
##	9	0.6776	nan	0.1000	0.0189
##	10	0.6413	nan	0.1000	0.0173
##	20	0.4481	nan	0.1000	0.0048
##	40	0.3439	nan	0.1000	-0.0004
##	60	0.3108	nan	0.1000	-0.0000
##	80	0.2892	nan	0.1000	-0.0002
##	100	0.2717	nan	0.1000	-0.0002
##	120	0.2533	nan	0.1000	-0.0003
##	140	0.2419	nan	0.1000	-0.0004
##	160	0.2304	nan	0.1000	-0.0004
##	180	0.2179	nan	0.1000	-0.0004
##	200	0.2065	nan	0.1000	-0.0007
##	220	0.1965	nan	0.1000	-0.0006
##	240	0.1876	nan	0.1000	-0.0011
##	260	0.1800	nan	0.1000	-0.0004
##	280	0.1718	nan	0.1000	-0.0003
##	300	0.1640	nan	0.1000	-0.0001
##	500	0.1040	nan	0.1000	-0.0001
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2293	nan	0.1000	0.0666
##	2				0.0552
	_	1.1181	nan	0.1000	
##	3	1.0236	nan	0.1000	0.0468
##	4	0.9443	nan	0.1000	0.0384
##	5	0.8755	nan	0.1000	0.0330
##	6	0.8176	nan	0.1000	0.0269
##	7	0.7647	nan	0.1000	0.0247
##	8	0.7176	nan	0.1000	0.0235
##	9	0.6764	nan	0.1000	0.0199
##	10	0.6422	nan	0.1000	0.0163
##	20	0.4471	nan	0.1000	0.0045
##	40	0.3510	nan	0.1000	
##	60			0.1000	-0.0003
##		0.3175	nan	0.1000	-0.0003 -0.0001
	80	0.3175 0.2940			
##			nan	0.1000	-0.0001
##	80	0.2940	nan nan	0.1000 0.1000	-0.0001 -0.0002
	80 100	0.2940 0.2793	nan nan nan nan	0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007
## ##	80 100 120 140	0.2940 0.2793 0.2627 0.2473	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0007 -0.0008
## ## ##	80 100 120 140 160	0.2940 0.2793 0.2627 0.2473 0.2362	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0007 -0.0008 -0.0002
## ## ## ##	80 100 120 140 160 180	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0007 -0.0008 -0.0002 -0.0002
## ## ## ##	80 100 120 140 160 180 200	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0007 -0.0008 -0.0002 -0.0002 -0.0002
## ## ## ## ##	80 100 120 140 160 180 200 220	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0007 -0.0008 -0.0002 -0.0002 -0.0002 -0.0003
## ## ## ## ##	80 100 120 140 160 200 220 240	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0002 -0.0003 -0.0003
## ## ## ## ## ##	80 100 120 140 160 200 220 240 260	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0002 -0.0003 -0.0003
## ## ## ## ## ##	80 100 120 140 160 180 200 220 240 260 280	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003
## ## ## ## ## ##	80 100 120 140 160 200 220 240 260	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0002 -0.0003 -0.0003
## ## ## ## ## ## ##	80 100 120 140 160 180 200 220 240 260 280 300	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0005 -0.0003
## ## ## ## ## ## ##	80 100 120 140 160 180 200 220 240 260 280 300	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0005 -0.0003
## ## ## ## ## ## ##	80 100 120 140 160 180 200 220 240 260 280 300 Iter	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0005 -0.0003
######################################	80 100 120 140 160 180 200 240 260 280 300 Iter 1	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0005 -0.0003
## ## ## ## ## ## ##	80 100 120 140 160 180 200 240 260 280 300 Iter 1 2 3	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0005 -0.0003
######################################	80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0005 -0.0003
######################################	80 100 120 140 160 180 200 240 260 280 300 Iter 1 2 3	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179 1.0235	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0005 -0.0003
######################################	80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179 1.0235 0.9440	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 Improve 0.0664 0.0555 0.0454 0.0385
######################################	80 100 120 140 160 180 200 240 260 280 300 Iter 1 2 3 4 5	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179 1.0235 0.9440 0.8737	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0005 -0.0003 Improve 0.0664 0.0555 0.0454 0.0385 0.0334
######################################	80 100 120 140 160 280 240 260 280 300 Iter 1 2 3 4 5	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179 1.0235 0.9440 0.8737 0.8150	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 Improve 0.0664 0.0555 0.0454 0.0385 0.0334 0.0280
######################################	80 100 120 140 160 180 200 240 260 280 300 Iter 1 2 3 4 5 6	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179 1.0235 0.9440 0.8737 0.8150 0.7655	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0005 -0.0003 Improve 0.0664 0.0555 0.0454 0.0385 0.0334 0.0280 0.0241 0.0206
######################################	80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5 6 7	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179 1.0235 0.9440 0.8737 0.8150 0.7655 0.7214	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 Improve 0.0664 0.0555 0.0454 0.0385 0.0334 0.0280 0.0241
######################################	80 100 120 140 160 180 200 240 260 280 300 Iter 1 2 3 4 5 6 7 8 9	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179 1.0235 0.9440 0.8737 0.8150 0.7655 0.7214 0.6810 0.6443	nan	0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 Improve 0.0664 0.0555 0.0454 0.0385 0.0334 0.0280 0.0241 0.0206 0.0193
######################################	80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	0.2940 0.2793 0.2627 0.2473 0.2362 0.2260 0.2160 0.2073 0.2001 0.1934 0.1867 0.1781 TrainDeviance 1.2303 1.1179 1.0235 0.9440 0.8737 0.8150 0.7655 0.7214 0.6810	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0001 -0.0002 -0.0007 -0.0008 -0.0002 -0.0002 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 Improve 0.0664 0.0555 0.0454 0.0385 0.0334 0.0280 0.0241 0.0206 0.0193 0.0172

##	60	0.3209	nan	0.1000	-0.0006
##	80	0.3002	nan	0.1000	-0.0004
##	100	0.2816	nan	0.1000	-0.0008
##	120	0.2660	nan	0.1000	-0.0006
##	140	0.2549	nan	0.1000	-0.0006
##	160	0.2441	nan	0.1000	-0.0002
##	180	0.2352	nan	0.1000	-0.0004
##	200	0.2243	nan	0.1000	-0.0008
##	220	0.2163	nan	0.1000	-0.0007
##	240	0.2064	nan	0.1000	-0.0006
##	260	0.1990	nan	0.1000	-0.0003 -0.0004
##	280 300	0.1912 0.1837	nan nan	0.1000 0.1000	-0.0004
##	300	0.1037	IIaii	0.1000	-0.0003
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2292	nan	0.1000	0.0664
##	2	1.1175	nan	0.1000	0.0542
##	3	1.0253	nan	0.1000	0.0457
##	4	0.9476	nan	0.1000	0.0381
##	5	0.8764	nan	0.1000	0.0342
##	6	0.8160	nan	0.1000	0.0284
##	7	0.7612	nan	0.1000	0.0263
##	8	0.7183	nan	0.1000	0.0206
##	9	0.6749	nan	0.1000	0.0199
##	10	0.6385	nan	0.1000	0.0167
##	20	0.4437	nan	0.1000	0.0043
##	40	0.3511	nan	0.1000	0.0003
##	60	0.3216	nan	0.1000	-0.0010
##	80	0.3024	nan	0.1000	-0.0006
##	100	0.2871	nan	0.1000	-0.0003
##	120	0.2733	nan	0.1000	-0.0002
##	140	0.2598	nan	0.1000	-0.0004
##	160	0.2489	nan	0.1000	-0.0007
##	180	0.2396	nan	0.1000	-0.0005
##	200	0.2322	nan	0.1000	-0.0003
##	220	0.2239	nan	0.1000	-0.0007
##	240	0.2148 0.2073	nan	0.1000	-0.0004 -0.0003
##	260 280	0.1997	nan nan	0.1000 0.1000	-0.0003
##	300	0.1939		0.1000	-0.0002
##	300	0.1959	nan	0.1000	-0.0008
##	Tter	TrainDeviance	ValidDeviance	StenSize	Improve
	Iter 1	TrainDeviance	ValidDeviance	StepSize 0 3000	Improve 0 1454
##	1	1.0680	nan	0.3000	0.1454
	1 2	1.0680 0.9123	nan nan	•	0.1454 0.0787
## ##	1	1.0680	nan nan nan	0.3000 0.3000	0.1454
## ## ##	1 2 3	1.0680 0.9123 0.7972	nan nan	0.3000 0.3000 0.3000	0.1454 0.0787 0.0535
## ## ##	1 2 3 4	1.0680 0.9123 0.7972 0.7126	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406
## ## ## ##	1 2 3 4 5	1.0680 0.9123 0.7972 0.7126 0.6609	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232
## ## ## ## ##	1 2 3 4 5 6	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197
## ## ## ## ##	1 2 3 4 5 6 7 8	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499	nan nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0009
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0009
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0009
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0006
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0006 -0.0016
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0006 -0.0016 -0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0016 -0.0005 -0.0002
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200 220	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0016 -0.0005 -0.0005 -0.0002 -0.0008
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200 220 240	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0016 -0.0016 -0.0005 -0.0002 -0.0008 -0.0015
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200 220	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0001 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 220 240 260 280	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008 -0.0008 -0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 220 240 260 280	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0106 0.0010 -0.0009 0.0008 -0.0009 -0.0011 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008 -0.0008 -0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 220 240 260 280 300 Iter 1	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2731	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0001 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008 -0.0015 -0.0008 -0.0005 -0.0008
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 220 240 260 280 300 Iter	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0001 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008 -0.0015 -0.0008 -0.0005 -0.0001 Improve
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 220 240 260 280 300 Iter 1 2	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance 1.0667 0.8981 0.8003	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0001 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008
#######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance 1.0667 0.8981 0.8003 0.7043	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0001 -0.0009 -0.0016 -0.0005 -0.0005 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008
#######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance 1.0667 0.8981 0.8003 0.7043 0.6502	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0001 -0.0009 -0.0016 -0.0005 -0.0005 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008 -0.0015 -0.0008
#######################################	1 2 3 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance 1.0667 0.8981 0.8003 0.7043 0.6502 0.6046	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0001 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008 -0.0015 -0.0008
#######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance 1.0667 0.8981 0.8003 0.7043 0.6502 0.6046 0.5745	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0001 -0.0009 -0.0016 -0.0005 -0.0002 -0.0008 -0.0015
#######################################	1 2 3 4 5 6 7 8 9 10 20 40 160 180 220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance 1.0667 0.8981 0.8003 0.7043 0.6502 0.6046 0.5745 0.5409	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0011 -0.0009 -0.0016 -0.0005
#######################################	1 2 3 4 5 6 7 8 9 10 20 140 160 180 220 240 260 280 300 Iter 1 2 3 4 5 6 7 7 8 9	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance 1.0667 0.8981 0.8003 0.7043 0.6502 0.6046 0.5745 0.5409 0.5146	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0011 -0.0009 -0.0016 -0.0005 -
#######################################	1 2 3 4 5 6 7 8 9 10 20 40 160 180 220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	1.0680 0.9123 0.7972 0.7126 0.6609 0.6171 0.5797 0.5447 0.5198 0.4956 0.3977 0.3499 0.3343 0.3246 0.3185 0.3124 0.3078 0.3025 0.2976 0.2932 0.2876 0.2824 0.2789 0.2761 0.2731 TrainDeviance 1.0667 0.8981 0.8003 0.7043 0.6502 0.6046 0.5745 0.5409	nan	0.3000 0.3000	0.1454 0.0787 0.0535 0.0406 0.0232 0.0197 0.0166 0.0157 0.0106 0.0010 -0.0009 0.0008 -0.0011 -0.0009 -0.0016 -0.0005

##	20	0.3940	nan	0.3000	0.0033
##	40	0.3473	nan	0.3000	-0.0007
##	60	0.3353	nan	0.3000	-0.0006
##	80	0.3274	nan	0.3000	-0.0003
##	100	0.3225	nan	0.3000	-0.0011
##	120	0.3155	nan	0.3000	-0.0015
##	140	0.3101	nan	0.3000	-0.0001
##	160	0.3053	nan	0.3000	-0.0008
##	180	0.3011	nan	0.3000	-0.0017
##	200	0.2962	nan	0.3000	-0.0005
##	220	0.2933	nan	0.3000	-0.0015
##	240	0.2876	nan	0.3000	-0.0005
##	260	0.2848	nan	0.3000	-0.0005
##	280	0.2812	nan	0.3000	-0.0008
##	300	0.2778	nan	0.3000	-0.0009
	300	0.2770	IIaII	0.3000	-0.0009
##	T	T	V-1:45	61 61	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0732	nan	0.3000	0.1450
##	2	0.9087	nan	0.3000	0.0832
##	3	0.7959	nan	0.3000	0.0552
##	4	0.7173	nan	0.3000	0.0379
##	5	0.6607	nan	0.3000	0.0266
##	6	0.6081	nan	0.3000	0.0241
##	7	0.5774	nan	0.3000	0.0145
##	8	0.5442	nan	0.3000	0.0152
##	9	0.5220	nan	0.3000	0.0103
##	10	0.4968	nan	0.3000	0.0103
##	20	0.3946	nan	0.3000	0.0012
##	40	0.3485	nan	0.3000	-0.0001
##	60	0.3342	nan	0.3000	-0.0013
##	80	0.3266	nan	0.3000	-0.0017
##	100	0.3179	nan	0.3000	-0.0006
##	120	0.3117	nan	0.3000	-0.0011
##	140	0.3066	nan	0.3000	-0.0005
##	160	0.3034	nan	0.3000	-0.0007
##	180	0.2984	nan	0.3000	-0.0006
##	200	0.2953		0.3000	-0.0010
			nan		
##	220	0.2903	nan	0.3000	-0.0007
##	240	0.2851	nan	0.3000	-0.0013
##	260	0.2808	nan	0.3000	-0.0004
##	280	0.2770	nan	0.3000	-0.0004
##	300	0.2736	nan	0.3000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0608	nan	0.3000	0.1469
##	2	0.9042	nan	0.3000	0.0783
##	3	0.7926	nan	0.3000	0.0534
##	4	0.7091	nan	0.3000	0.0395
##	5	0.6554	nan	0.3000	0.0264
##	6	0.6094	nan	0.3000	0.0229
##	7	0.5775		0.3000	0.0223
			nan		
##	8	0.5434	nan	0.3000	0.0175
##	9	0.5222	nan	0.3000	0.0090
##	10	0.4993	nan	0.3000	0.0101
##	20	0.3981	nan	0.3000	0.0024
##	40	0.3487	nan	0.3000	-0.0004
##	60	0.3351	nan	0.3000	-0.0001
##	80	0.3271	nan	0.3000	-0.0006
##	100	0.3227	nan	0.3000	-0.0010
##	120	0.3172	nan	0.3000	-0.0022
##	140	0.3099	nan	0.3000	-0.0010
##	160	0.3044	nan	0.3000	-0.0007
##	180	0.3003	nan	0.3000	-0.0007
##	200	0.2967	nan	0.3000	-0.0008
##	220	0.2928	nan	0.3000	-0.0007
##	240	0.2882	nan	0.3000	-0.0009
##	260	0.2840	nan	0.3000	-0.0009
##	280	0.2815	nan	0.3000	-0.0003
##	300	0.2778	nan	0.3000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0362	nan	0.3000	0.1665
##	2	0.8413	nan	0.3000	0.0915
		0.7281	nan	0.3000	0.0535
##	٠,	0.,201			
##	3 4	D 6404	nan	U 3000	ፀ ፀላላን
##	4	0.6404 0.5751	nan nan	0.3000 0.3000	0.0443 0.0303
## ##	4 5	0.5751	nan	0.3000	0.0303
## ## ##	4 5 6	0.5751 0.5166	nan nan	0.3000 0.3000	0.0303 0.0281
## ## ##	4 5 6 7	0.5751 0.5166 0.4746	nan nan nan	0.3000 0.3000 0.3000	0.0303 0.0281 0.0185
## ## ##	4 5 6	0.5751 0.5166	nan nan	0.3000 0.3000	0.0303 0.0281

## 9 0.4274 nan 0.3000 0.00 ## 10 0.4142 nan 0.3000 0.00 ## 20 0.3560 nan 0.3000 -0.00 ## 40 0.3185 nan 0.3000 -0.00 ## 60 0.2931 nan 0.3000 -0.00	199
## 10 0.4142 nan 0.3000 0.00 ## 20 0.3560 nan 0.3000 -0.00 ## 40 0.3185 nan 0.3000 -0.00	
## 20 0.3560 nan 0.3000 -0.00 ## 40 0.3185 nan 0.3000 -0.00	15.4
## 40 0.3185 nan 0.3000 -0.00	
## 60 0.2931 nan 0.3000 -0.00	106
	25
## 80 0.2778 nan 0.3000 -0.00	06
l	
## 120 0.2497 nan 0.3000 -0.00	
## 140 0.2350 nan 0.3000 -0.00	10
## 160 0.2221 nan 0.3000 -0.00	09
## 180 0.2105 nan 0.3000 -0.00	126
## 200 0.1970 nan 0.3000 -0.00	
## 220 0.1866 nan 0.3000 -0.00	
## 240 0.1803 nan 0.3000 -0.00	109
## 260 0.1725 nan 0.3000 -0.00	108
## 280 0.1675 nan 0.3000 -0.00	800
## 300 0.1600 nan 0.3000 -0.00	
##	1
## Iter TrainDeviance ValidDeviance StepSize Impro	ve
## 1 1.0340 nan 0.3000 0.10	49
## 2 0.8434 nan 0.3000 0.09	29
## 3 0.7080 nan 0.3000 0.00	30
l	
## 5 0.5537 nan 0.3000 0.03	
## 6 0.5040 nan 0.3000 0.0	.22
## 7 0.4732 nan 0.3000 0.0	.35
## 8 0.4471 nan 0.3000 0.0	
## 10 0.4120 nan 0.3000 0.00	
## 20 0.3439 nan 0.3000 -0.00	10
## 40 0.3153 nan 0.3000 -0.00	11
## 60 0.2979 nan 0.3000 -0.00	106
## 80 0.2788 nan 0.3000 -0.00	
## 100 0.2641 nan 0.3000 -0.00	
## 120 0.2504 nan 0.3000 -0.00	134
## 140 0.2411 nan 0.3000 -0.00	07
## 160 0.2302 nan 0.3000 -0.00	07
l	
## 200 0.2065 nan 0.3000 -0.00	
## 220 0.1969 nan 0.3000 -0.00	108
## 240 0.1921 nan 0.3000 -0.00	15
## 260 0.1835 nan 0.3000 -0.00	05
## 280 0.1732 nan 0.3000 -0.00	
## 300 0.1678 nan 0.3000 -0.00	05
##	
## Iter TrainDeviance ValidDeviance StepSize Impro	ve
## 1 1.0307 nan 0.3000 0.10	34
## 2 0.8493 nan 0.3000 0.09	37
## 3 0.7206 nan 0.3000 0.00	19
l	
## 5 0.5629 nan 0.3000 0.03	
## 6 0.5137 nan 0.3000 0.02	.34
## 7 0.4807 nan 0.3000 0.0	.43
## 8 0.4492 nan 0.3000 0.0	.20
## 9 0.4241 nan 0.3000 0.0	
## 10 0.4110 nan 0.3000 0.00	
## 20 0.3543 nan 0.3000 -0.00	
## 40 0.3268 nan 0.3000 -0.00	
## 60 0.3021 nan 0.3000 -0.00	18
## 80 0.2837 nan 0.3000 -0.00	11
## 100 0.2698 nan 0.3000 -0.00	
## 120 0.2579 nan 0.3000 -0.00	
## 140 0.2452 nan 0.3000 -0.00	
## 160 0.2362 nan 0.3000 -0.00	
## 180 0.2259 nan 0.3000 -0.00	15
## 200 0.2171 nan 0.3000 -0.00	04
## 220 0.2083 nan 0.3000 -0.00	
## 260 0.1897 nan 0.3000 -0.00	106
## 260 0.1897 nan 0.3000 -0.00	
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00	
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00	04
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00 ## ## Iter TrainDeviance ValidDeviance StepSize Impro	004 ove
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00 ## ## ## Iter TrainDeviance ValidDeviance StepSize Impro ## 1 1.0353 nan 0.3000 0.10	004 ove 550
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00 ## ## ## Iter TrainDeviance ValidDeviance StepSize Impro ## 1 1.0353 nan 0.3000 0.10 ## 2 0.8444 nan 0.3000 0.00	004 ove 550
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00 ## ## ## Iter TrainDeviance ValidDeviance StepSize Impro ## 1 1.0353 nan 0.3000 0.10	004 ove 550 023
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00 ## ## ## Iter TrainDeviance ValidDeviance StepSize Impro ## 1 1.0353 nan 0.3000 0.10 ## 2 0.8444 nan 0.3000 0.00 ## 3 0.7217 nan 0.3000 0.00	004 0ve 050 023 039
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00 ## ## Iter TrainDeviance ValidDeviance StepSize Impro ## 1 1.0353 nan 0.3000 0.10 ## 2 0.8444 nan 0.3000 0.00 ## 3 0.7217 nan 0.3000 0.00 ## 4 0.6299 nan 0.3000 0.00	004 0ve 650 023 639
## 260 0.1897 nan 0.3000 -0.00 ## 280 0.1820 nan 0.3000 -0.00 ## 300 0.1745 nan 0.3000 -0.00 ## ## ## Iter TrainDeviance ValidDeviance StepSize Impro ## 1 1.0353 nan 0.3000 0.10 ## 2 0.8444 nan 0.3000 0.00 ## 3 0.7217 nan 0.3000 0.00	004 0ve 550 023 639 140

##	7	0.4759	nan	0.3000	0.0163
##	8	0.4501	nan	0.3000	0.0109
##	9	0.4314	nan	0.3000	0.0077
##	10	0.4124	nan	0.3000	0.0088
##	20	0.3525	nan	0.3000	-0.0010
##	40	0.3218	nan	0.3000	-0.0008
##	60	0.3030	nan	0.3000	-0.0013
##	80	0.2824	nan	0.3000	-0.0019
##	100	0.2667		0.3000	-0.0019
			nan		-0.0000
##	120	0.2542	nan	0.3000	
##	140	0.2458	nan	0.3000	-0.0015
##	160	0.2365	nan	0.3000	-0.0008
##	180	0.2287	nan	0.3000	-0.0024
##	200	0.2200	nan	0.3000	-0.0008
##	220	0.2122	nan	0.3000	-0.0012
##	240	0.2032	nan	0.3000	-0.0008
##	260	0.1948	nan	0.3000	-0.0021
##	280	0.1883	nan	0.3000	-0.0006
##	300	0.1827	nan	0.3000	-0.0012
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0082	nan	0.3000	0.1721
##	2	0.8130	nan	0.3000	0.0916
##	3	0.6749	nan	0.3000	0.0640
##	4	0.5846	nan	0.3000	0.0423
##	5	0.5148	nan	0.3000	0.0333
##	6	0.4737		0.3000	0.0333
	7		nan		
##		0.4380	nan	0.3000	0.0141
##	8	0.4145	nan	0.3000	0.0096
##	9	0.3968	nan	0.3000	0.0061
##	10	0.3849	nan	0.3000	0.0051
##	20	0.3397	nan	0.3000	-0.0009
##	40	0.2988	nan	0.3000	0.0002
##	60	0.2649	nan	0.3000	-0.0012
##	80	0.2326	nan	0.3000	-0.0009
##	100	0.2143	nan	0.3000	0.0001
##	120	0.1932	nan	0.3000	-0.0009
##	140	0.1742	nan	0.3000	-0.0021
##	160	0.1548	nan	0.3000	-0.0001
##	180	0.1420	nan	0.3000	-0.0009
##	200	0.1292	nan	0.3000	-0.0010
##	220	0.1195	nan	0.3000	-0.0002
##	240	0.1107	nan	0.3000	-0.0005
##	260	0.1026	nan	0.3000	-0.0005
##	280	0.0972	nan	0.3000	-0.0008
##	300	0.0911	nan	0.3000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0181	nan	0.3000	0.1762
##	2	0.8085	nan	0.3000	0.1024
##	3	0.6761	nan	0.3000	0.0625
##	4	0.5910	nan	0.3000	0.0425
##	5				0.0423
		0.5219	nan	0.3000	
##	6	0.4793	nan	0.3000	0.0182
##	7	0.4488	nan	0.3000	0.0124
##	8	0.4223	nan	0.3000	0.0100
##	9	0.4026	nan	0.3000	0.0080
##	10	0.3895	nan	0.3000	0.0045
##	20	0.3294	nan	0.3000	-0.0009
##	40	0.2973	nan	0.3000	-0.0031
##	60	0.2689	nan	0.3000	-0.0004
##	80	0.2473	nan	0.3000	-0.0012
##	100	0.2214	nan	0.3000	-0.0020
##	120	0.2069	nan	0.3000	-0.0009
##	140	0.1911	nan	0.3000	-0.0013
##	160	0.1761	nan	0.3000	-0.0009
##	180	0.1637	nan	0.3000	-0.0013
##	200	0.1526	nan	0.3000	-0.0014
##	220	0.1414	nan	0.3000	-0.0002
##	240	0.1321	nan	0.3000	-0.0005
##	260	0.1221	nan	0.3000	-0.0008
##	280	0.1145	nan	0.3000	-0.0007
##	300	0.1056	nan	0.3000	-0.0007
##					- * * *
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0160	nan	0.3000	0.1754
##	2	0.8063	nan	0.3000	0.0984
##	3	0.6735	nan	0.3000	0.0651
##	4	0.5854	nan	0.3000	0.0410
11 11	-т	0.3034	11411	3.3000	5.5710

##	5	0.5163	nan	0.3000	0.0337
##	6	0.4722	nan	0.3000	0.0202
##	7	0.4402	nan	0.3000	0.0127
##	8	0.4199	nan	0.3000	0.0069
##	9	0.3988	nan	0.3000	0.0072
##	10	0.3874		0.3000	0.0072
			nan		
##	20	0.3323	nan	0.3000	-0.0015
##	40	0.2936	nan	0.3000	-0.0008
##	60	0.2632	nan	0.3000	-0.0013
##	80	0.2441	nan	0.3000	-0.0006
##	100	0.2237	nan	0.3000	-0.0013
##	120	0.2100	nan	0.3000	-0.0013
##	140	0.1980	nan	0.3000	-0.0020
##	160	0.1864	nan	0.3000	-0.0012
##	180	0.1742	nan	0.3000	-0.0012
##	200	0.1646	nan	0.3000	-0.0012
	220	0.1531			
##			nan	0.3000	-0.0010
##	240	0.1404	nan	0.3000	-0.0012
##	260	0.1326	nan	0.3000	-0.0016
##	280	0.1250	nan	0.3000	-0.0000
##	300	0.1170	nan	0.3000	-0.0007
##					
##]	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0084	nan	0.3000	0.1730
##	2	0.8036	nan	0.3000	0.1004
##	3	0.6738	nan	0.3000	0.0627
##	4	0.5857	nan	0.3000	0.0405
##	5	0.5217		0.3000	0.0403
	6		nan		0.0279
##		0.4736	nan	0.3000	
##	7	0.4476	nan	0.3000	0.0104
##	8	0.4234	nan	0.3000	0.0095
##	9	0.4044	nan	0.3000	0.0065
##	10	0.3912	nan	0.3000	0.0039
##	20	0.3365	nan	0.3000	-0.0006
##	40	0.3012	nan	0.3000	-0.0003
##	60	0.2782	nan	0.3000	-0.0016
##	80	0.2566	nan	0.3000	-0.0023
##	100	0.2375		0.3000	-0.0018
			nan		-0.0010
##	120	0.2224	nan	0.3000	
##	140	0.2077	nan	0.3000	-0.0011
##	160	0.1945	nan	0.3000	-0.0008
##	180	0.1818	nan	0.3000	-0.0006
##	200	0.1734	nan	0.3000	-0.0008
##	220	0.1613	nan	0.3000	-0.0008
##	240	0.1512	nan	0.3000	-0.0010
##	260	0.1408	nan	0.3000	-0.0004
##	280	0.1324	nan	0.3000	-0.0011
##	300	0.1245	nan	0.3000	-0.0011
##		***			
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	•
##	1	1.0047	nan	0.3000	0.1748
##	2	0.7963	nan	0.3000	0.0939
##	3	0.6640	nan	0.3000	0.0640
##	4	0.5731	nan	0.3000	0.0426
##	5	0.5132	nan	0.3000	0.0263
##	6	0.4644	nan	0.3000	0.0217
##	7	0.4349	nan	0.3000	0.0102
##	8	0.4122	nan	0.3000	0.0071
##	9	0.3948	nan	0.3000	0.0045
##	10	0.3800	nan	0.3000	0.0015
##	20	0.3228	nan	0.3000	-0.0002
##	40	0.2710	nan	0.3000	-0.0009
##	60	0.2393	nan	0.3000	-0.0003
##	80	0.2071		0.3000	-0.0005
			nan		
##	100	0.1779	nan	0.3000	-0.0009
##	120	0.1603	nan	0.3000	-0.0005
##	140	0.1444	nan	0.3000	-0.0021
##	160	0.1264	nan	0.3000	-0.0004
##	180	0.1119	nan	0.3000	-0.0017
##	200	0.0985	nan	0.3000	-0.0005
##	220	0.0882	nan	0.3000	-0.0012
##	240	0.0797	nan	0.3000	-0.0001
##	260	0.0722	nan	0.3000	-0.0004
##	280	0.0666	nan	0.3000	-0.0002
##	300	0.0606	nan	0.3000	-0.0002
##	200	0.0000	IIaii	0.5000	0.0003
	T+o=	TrainDoviana	ValidDeviance	CtonC:	Tmp.co.co
	Iter 1	TrainDeviance		StepSize	Improve
##	1	0.9966	nan	0.3000	0.1805
##	2	0.7957	nan	0.3000	0.0963

##	3	0.6606	nan	0.3000	0.0644
##	4	0.5668	nan	0.3000	0.0420
##	5	0.5091	nan	0.3000	0.0260
##	6	0.4682	nan	0.3000	0.0181
##	7	0.4319	nan	0.3000	0.0170
##	8	0.4108	nan	0.3000	0.0064
##	9	0.3932	nan	0.3000	0.0056
	10				
##		0.3821	nan	0.3000	0.0035
##	20	0.3361	nan	0.3000	-0.0007
##	40	0.2816	nan	0.3000	-0.0016
##	60	0.2454	nan	0.3000	-0.0007
##	80	0.2127	nan	0.3000	-0.0026
##	100	0.1879		0.3000	-0.0022
			nan		
##	120	0.1683	nan	0.3000	-0.0018
##	140	0.1519	nan	0.3000	-0.0009
##	160	0.1359	nan	0.3000	-0.0006
##	180	0.1252	nan	0.3000	-0.0012
##	200	0.1100	nan	0.3000	-0.0007
##	220	0.1005	nan	0.3000	-0.0005
##	240	0.0918	nan	0.3000	-0.0008
##	260	0.0830	nan	0.3000	-0.0006
##	280	0.0753	nan	0.3000	-0.0005
##	300	0.0684	nan	0.3000	-0.0004
##	300	010001	nan	0.5000	0.000.
	T	T	V-114B-1	61 61	.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9981	nan	0.3000	0.1829
##	2	0.8004	nan	0.3000	0.0991
##	3	0.6670	nan	0.3000	0.0638
##	4	0.5806		0.3000	0.0394
			nan		
##	5	0.5082	nan	0.3000	0.0330
##	6	0.4670	nan	0.3000	0.0185
##	7	0.4369	nan	0.3000	0.0133
##	8	0.4130	nan	0.3000	0.0105
##	9	0.3970	nan	0.3000	0.0046
##	10	0.3824	nan	0.3000	0.0058
##	20	0.3276	nan	0.3000	-0.0021
##	40	0.2731	nan	0.3000	-0.0025
##	60	0.2390	nan	0.3000	-0.0005
##	80	0.2162	nan	0.3000	-0.0016
##	100	0.1926	nan	0.3000	-0.0021
##	120	0.1751	nan	0.3000	-0.0016
##	140	0.1581	nan	0.3000	-0.0010
##	160	0.1403	nan	0.3000	-0.0018
##	180	0.1277	nan	0.3000	-0.0007
##	200	0.1153	nan	0.3000	-0.0011
##	220	0.1041	nan	0.3000	-0.0003
##	240	0.0964	nan	0.3000	-0.0009
##	260	0.0893	nan	0.3000	-0.0009
##	280	0.0817	nan	0.3000	-0.0007
##	300	0.0752	nan	0.3000	-0.0008
	300	0.0732	nan	0.5000	-0.0000
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9979	nan	0.3000	0.1754
##	2	0.7845	nan	0.3000	0.1034
##	3	0.6548	nan	0.3000	0.0626
##	4	0.5651	nan	0.3000	0.0421
##	5	0.5044		0.3000	0.0421
			nan		
##	6	0.4601	nan	0.3000	0.0193
##	7	0.4343	nan	0.3000	0.0096
##	8	0.4133	nan	0.3000	0.0064
##	9	0.3991	nan	0.3000	0.0035
##	10	0.3808	nan	0.3000	0.0060
##	20	0.3301		0.3000	-0.0002
			nan		
##	40	0.2825	nan	0.3000	-0.0012
##	60	0.2511	nan	0.3000	-0.0010
##	80	0.2280	nan	0.3000	-0.0014
##	100	0.2063	nan	0.3000	-0.0015
##	120	0.1880	nan	0.3000	-0.0011
##	140	0.1765	nan	0.3000	-0.0010
##	160	0.1617	nan	0.3000	-0.0001
##	180	0.1476	nan	0.3000	-0.0012
##	200	0.1353	nan	0.3000	-0.0010
##	220	0.1223	nan	0.3000	-0.0006
##	240	0.1133	nan	0.3000	-0.0018
##	260	0.1055	nan	0.3000	-0.0016
##	280	0.0968	nan	0.3000	-0.0012
##	300	0.0882	nan	0.3000	-0.0008
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
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##	1	1.3537	nan	0.0100	0.0058
##	2	1.3422	nan	0.0100	0.0059
##	3	1.3311	nan	0.0100	0.0057
##	4	1.3199	nan	0.0100	0.0053
##	5	1.3093	nan	0.0100	0.0054
##	6	1.2987	nan	0.0100	0.0053
##	7	1.2884		0.0100	0.0053
			nan		
##	8	1.2781	nan	0.0100	0.0051
##	9	1.2678	nan	0.0100	0.0049
##	10	1.2577	nan	0.0100	0.0048
##	20	1.1677	nan	0.0100	0.0040
##	40	1.0296	nan	0.0100	0.0029
##	60	0.9285	nan	0.0100	0.0020
##	80	0.8486	nan	0.0100	0.0017
##	100	0.7854	nan	0.0100	0.0014
##	120	0.7334	nan	0.0100	0.0011
##	140	0.6903	nan	0.0100	0.0009
##	160	0.6545			0.0003
			nan	0.0100	
##	180	0.6236	nan	0.0100	0.0006
##	200	0.5975	nan	0.0100	0.0005
##	220	0.5746	nan	0.0100	0.0004
##	240	0.5540	nan	0.0100	0.0004
##	260	0.5359	nan	0.0100	0.0004
##	280	0.5197	nan	0.0100	0.0003
##	300	0.5055	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3536		0.0100	0.0058
			nan		
##	2	1.3422	nan	0.0100	0.0057
##	3	1.3306	nan	0.0100	0.0054
##	4	1.3193	nan	0.0100	0.0055
##	5	1.3083	nan	0.0100	0.0053
##	6	1.2980	nan	0.0100	0.0052
##	7	1.2871	nan	0.0100	0.0052
##	8	1.2771	nan	0.0100	0.0051
##	9	1.2671	nan	0.0100	0.0049
##	10	1.2573	nan	0.0100	0.0049
##	20	1.1671		0.0100	0.0043
			nan		0.0029
##	40	1.0285	nan	0.0100	
##	60	0.9274	nan	0.0100	0.0021
##	80	0.8488	nan	0.0100	0.0017
##	100	0.7852	nan	0.0100	0.0013
##	120	0.7333	nan	0.0100	0.0011
##	140	0.6906	nan	0.0100	0.0009
##	160	0.6544	nan	0.0100	0.0008
##	180	0.6238	nan	0.0100	0.0006
##	200	0.5971	nan	0.0100	0.0006
##	220	0.5734	nan	0.0100	0.0005
##	240	0.5532	nan	0.0100	0.0004
##	260	0.5360	nan	0.0100	0.0003
##	280	0.5199	nan	0.0100	0.0003
##	300	0.5061	nan	0.0100	0.0003
##	- .		v 1 · 15 · ·	6. 6.	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3539	nan	0.0100	0.0058
##	2	1.3426	nan	0.0100	0.0057
##	3	1.3313	nan	0.0100	0.0057
##	4	1.3199	nan	0.0100	0.0055
##	5	1.3092	nan	0.0100	0.0054
##	6	1.2984	nan	0.0100	0.0052
##	7	1.2879	nan	0.0100	0.0052
##	8	1.2776	nan	0.0100	0.0050
##	9	1.2673	nan	0.0100	0.0051
##	10	1.2571	nan	0.0100	0.0048
##	20	1.1677		0.0100	0.0040
			nan		
##	40	1.0292	nan	0.0100	0.0029
##	60	0.9281	nan	0.0100	0.0022
##	80	0.8497	nan	0.0100	0.0017
##	100	0.7862	nan	0.0100	0.0014
##	120	0.7343	nan	0.0100	0.0011
##	140	0.6912	nan	0.0100	0.0010
##	160	0.6544	nan	0.0100	0.0008
##	180	0.6240	nan	0.0100	0.0006
##	200	0.5971	nan	0.0100	0.0006
##	220	0.5737	nan	0.0100	0.0005
##	240	0.5534	nan	0.0100	0.0003
##	260	0.5359		0.0100	0.0004
			nan		
##	280	0.5198	nan	0.0100	0.0003
##	300	0.5056	nan	0.0100	0.0003

##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3533	nan	0.0100	0.0058
##	2	1.3418	nan	0.0100	0.0057
##	3	1.3306	nan	0.0100	0.0056
##	4	1.3191	nan	0.0100	0.0055
##	5	1.3083	nan	0.0100	0.0054
##	6 7	1.2976	nan	0.0100	0.0052
##	8	1.2871 1.2769	nan	0.0100 0.0100	0.0053 0.0051
##	9	1.2669	nan nan	0.0100	0.0051
##	10	1.2568	nan	0.0100	0.0048
##	20	1.1679	nan	0.0100	0.0041
##	40	1.0295	nan	0.0100	0.0029
##	60	0.9279	nan	0.0100	0.0021
##	80	0.8499	nan	0.0100	0.0018
##	100	0.7857	nan	0.0100	0.0014
##	120	0.7339	nan	0.0100	0.0011
##	140	0.6911	nan	0.0100	0.0009
##	160	0.6550	nan	0.0100	0.0008
##	180 200	0.6243 0.5977	nan	0.0100 0.0100	0.0007 0.0006
##	220	0.5741	nan nan	0.0100	0.0004
##	240	0.5534	nan	0.0100	0.0004
##	260	0.5352	nan	0.0100	0.0003
##	280	0.5198	nan	0.0100	0.0003
##	300	0.5056	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3521	nan	0.0100	0.0064
##	2	1.3387	nan	0.0100	0.0064
##	3	1.3261	nan	0.0100	0.0060
##	4 5	1.3135 1.3016	nan	0.0100 0.0100	0.0062 0.0057
##	6	1.2899	nan nan	0.0100	0.0057
##	7	1.2778	nan	0.0100	0.0059
##	8	1.2663	nan	0.0100	0.0058
##	9	1.2550	nan	0.0100	0.0056
##	10	1.2440	nan	0.0100	0.0054
##	20	1.1418	nan	0.0100	0.0046
##	40	0.9851	nan	0.0100	0.0033
##	60	0.8677	nan	0.0100	0.0024
##	80	0.7791	nan	0.0100	0.0019
##	100 120	0.7065 0.6472	nan	0.0100 0.0100	0.0016 0.0013
##	140	0.5998	nan nan	0.0100	0.0013
##	160	0.5618	nan	0.0100	0.0007
##	180	0.5276	nan	0.0100	0.0006
##	200	0.5003	nan	0.0100	0.0006
##	220	0.4780	nan	0.0100	0.0005
##	240	0.4589	nan	0.0100	0.0003
##	260	0.4438	nan	0.0100	0.0003
##	280	0.4301	nan	0.0100	0.0003
##	300	0.4186	nan	0.0100	0.0002
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3518	nan	0.0100	0.0065
##	2	1.3385	nan	0.0100	0.0064
##	3	1.3262	nan	0.0100	0.0061
##	4	1.3138	nan	0.0100	0.0061
##	5	1.3016	nan	0.0100	0.0060
##	6	1.2897	nan	0.0100	0.0060
##	7	1.2779	nan	0.0100	0.0060
##	8 9	1.2664 1.2551	nan	0.0100 0.0100	0.0057 0.0056
##	10	1.2441	nan nan	0.0100	0.0053
##	20	1.1439	nan	0.0100	0.0035
##	40	0.9866	nan	0.0100	0.0032
##	60	0.8686	nan	0.0100	0.0024
##	80	0.7780	nan	0.0100	0.0019
##	100	0.7065	nan	0.0100	0.0016
##	120	0.6475	nan	0.0100	0.0013
##	140	0.5998	nan	0.0100	0.0008
##	160	0.5608	nan	0.0100	0.0007
##	180	0.5284	nan	0.0100	0.0007
##	200 220	0.5003 0.4782	nan nan	0.0100 0.0100	0.0006 0.0005
##	240	0.4591	nan	0.0100	0.0003
##	260	0.4430	nan	0.0100	0.0003
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##	280	0.4295	nan	0.0100	0.0003
##	300	0.4185	nan	0.0100	0.0002
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3523	nan	0.0100	0.0065
##	2	1.3397	nan	0.0100	0.0061
##	3	1.3271	nan	0.0100	0.0063
##	4	1.3146	nan	0.0100	0.0062
##	5	1.3026	nan	0.0100	0.0059
##	6	1.2909	nan	0.0100	0.0057
##	7	1.2793	nan	0.0100	0.0058
##	8	1.2680	nan	0.0100	0.0056
##	9	1.2568	nan	0.0100	0.0056
##	10	1.2456	nan	0.0100	0.0056
##	20	1.1450	nan	0.0100	0.0046
##	40	0.9870	nan	0.0100	0.0033
##	60	0.8705	nan	0.0100	0.0024
##	80	0.7799	nan	0.0100	0.0020
##	100	0.7086	nan	0.0100	0.0013
##	120	0.6500	nan	0.0100	0.0011
##	140	0.6005	nan	0.0100	0.0010
##	160	0.5604	nan	0.0100	0.0008
##	180	0.5276	nan	0.0100	0.0006
##	200	0.5000	nan	0.0100	0.0006
##	220	0.4779	nan	0.0100	0.0004
##	240	0.4589	nan	0.0100	0.0004
##	260	0.4440	nan	0.0100	0.0003
##	280	0.4306	nan	0.0100	0.0003
##	300	0.4196	nan	0.0100	0.0003
##	500	0.4130	nan	0.0100	0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3520	nan	0.0100	0.0066
##	2	1.3391		0.0100	0.0065
##	3		nan		
	4	1.3264	nan	0.0100	0.0062
##		1.3140	nan	0.0100	0.0061
##	5	1.3018	nan	0.0100	0.0059
##	6	1.2899	nan	0.0100	0.0059
##	7	1.2783	nan	0.0100	0.0057
##	8	1.2669	nan	0.0100	0.0056
##	9	1.2558	nan	0.0100	0.0055
##	10	1.2445	nan	0.0100	0.0055
##	20	1.1447	nan	0.0100	0.0047
##	40	0.9863	nan	0.0100	0.0032
##	60	0.8689	nan	0.0100	0.0025
##	80	0.7776	nan	0.0100	0.0020
##	100	0.7059	nan	0.0100	0.0014
##	120	0.6478	nan	0.0100	0.0011
##	140	0.5998	nan	0.0100	0.0010
##	160	0.5608	nan	0.0100	0.0009
##	180	0.5273	nan	0.0100	0.0008
##	200	0.5004	nan	0.0100	0.0006
##	220	0.4781	nan	0.0100	0.0004
##	240	0.4589	nan	0.0100	0.0004
##	260	0.4426	nan	0.0100	0.0003
##	280	0.4294	nan	0.0100	0.0003
##	300	0.4186	nan	0.0100	0.0002
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3513	nan	0.0100	0.0068
##	2	1.3379	nan	0.0100	0.0068
##	3	1.3249	nan	0.0100	0.0064
##	4	1.3122	nan	0.0100	0.0063
##	5	1.2993	nan	0.0100	0.0063
##	6	1.2869	nan	0.0100	0.0062
##	7	1.2743	nan	0.0100	0.0063
##	8	1.2623	nan	0.0100	0.0060
##	9	1.2504	nan	0.0100	0.0059
##	10	1.2385	nan	0.0100	0.0058
##	20	1.1330	nan	0.0100	0.0049
##	40	0.9655	nan	0.0100	0.0035
##	60	0.8409	nan	0.0100	0.0027
##	80	0.7435	nan	0.0100	0.0019
##	100	0.6678	nan	0.0100	0.0015
##	120	0.6096	nan	0.0100	0.0013
##	140	0.5622	nan	0.0100	0.0011
##	160	0.5231	nan	0.0100	0.0008
##	180	0.4925	nan	0.0100	0.0005
##	200	0.4676	nan	0.0100	0.0005
##	220	0.4471	nan	0.0100	0.0004
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##	240	0.4304	nan	0.0100	0.0003
##	260	0.4173	nan	0.0100	0.0002
##	280	0.4063	nan	0.0100	0.0002
##	300	0.3970	nan	0.0100	0.0001
##	T+0.0	TroinDoviones	ValidDavianaa	C+anC+-a	Tmn nave
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 2	1.3512	nan	0.0100	0.0070
##	3	1.3377	nan	0.0100	0.0066
##	4	1.3245 1.3116	nan	0.0100 0.0100	0.0064 0.0062
##	5	1.2991	nan nan	0.0100	0.0062
##	6	1.2863	nan	0.0100	0.0062
##	7	1.2735	nan	0.0100	0.0062
##	8	1.2616	nan	0.0100	0.0059
##	9	1.2496	nan	0.0100	0.0057
##	10	1.2379	nan	0.0100	0.0059
##	20	1.1331	nan	0.0100	0.0047
##	40	0.9672	nan	0.0100	0.0035
##	60	0.8431	nan	0.0100	0.0026
##	80	0.7464	nan	0.0100	0.0021
##	100	0.6706	nan	0.0100	0.0016
##	120	0.6111	nan	0.0100	0.0014
##	140	0.5619	nan	0.0100	0.0011
##	160	0.5236	nan	0.0100	0.0008
##	180	0.4929	nan	0.0100	0.0005
##	200	0.4673	nan	0.0100	0.0005
##	220	0.4466	nan	0.0100	0.0003
##	240	0.4303	nan	0.0100	0.0003
##	260	0.4171	nan	0.0100	0.0002
##	280	0.4062	nan	0.0100	0.0002
##	300	0.3966	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3518	nan	0.0100	0.0065
##	2	1.3380	nan	0.0100	0.0067
##	3	1.3246	nan	0.0100	0.0066
##	4	1.3116	nan	0.0100	0.0061
##	5	1.2991	nan	0.0100	0.0061
##	6	1.2864	nan	0.0100	0.0062
##	7	1.2741	nan	0.0100	0.0059
##	8	1.2620 1.2505	nan	0.0100	0.0058
##	9 10	1.2387	nan	0.0100 0.0100	0.0058 0.0058
##			nan	0.0100	0.0050
##	20 40	1.1316 0.9647	nan nan	0.0100	0.0033
##	60	0.8410	nan	0.0100	0.0035
##	80	0.7451	nan	0.0100	0.0023
##	100	0.6715	nan	0.0100	0.0015
##	120	0.6101	nan	0.0100	0.0014
##	140	0.5634	nan	0.0100	0.0009
##	160	0.5243	nan	0.0100	0.0008
##	180	0.4933	nan	0.0100	0.0006
##	200	0.4688	nan	0.0100	0.0005
##	220	0.4485	nan	0.0100	0.0003
##	240	0.4318	nan	0.0100	0.0002
##	260	0.4178	nan	0.0100	0.0001
##	280	0.4067	nan	0.0100	0.0002
##	300	0.3972	nan	0.0100	0.0001
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0069
##	2	1.3381	nan	0.0100	0.0066
##	3	1.3243	nan	0.0100	0.0067
##	4	1.3114	nan	0.0100	0.0064
##	5	1.2984	nan	0.0100	0.0064
##	6	1.2855	nan	0.0100	0.0063
##	7	1.2735	nan	0.0100	0.0061
##	8	1.2615	nan	0.0100	0.0057
##	9	1.2496	nan	0.0100	0.0059
##	10	1.2377	nan	0.0100	0.0059
##	20	1.1316	nan	0.0100	0.0046
##	40 60	0.9644	nan	0.0100	0.0035
##	60 80	0.8406	nan	0.0100	0.0027
##	80 100	0.7455	nan	0.0100	0.0020
##	100 120	0.6703 0.6107	nan	0.0100 0.0100	0.0015 0.0012
##	140	0.5626	nan nan	0.0100	0.0012
##	160	0.5243	nan nan	0.0100	0.0011
##	180	0.4931	nan nan	0.0100	0.0006
17.11	100	0.4331	IIaii	0.0100	5.5000

##	200	0.4687	nan	0.0100	0.0006
##	220	0.4477	nan	0.0100	0.0004
##	240	0.4310	nan	0.0100	0.0003
##	260	0.4175	nan	0.0100	0.0001
##	280	0.4066	nan	0.0100	0.0001
##	300	0.3973	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3512	nan	0.0100	0.0069
##	2	1.3370	nan	0.0100	0.0067
##	3	1.3231	nan	0.0100	0.0067
##	4	1.3097	nan	0.0100	0.0065
##	5	1.2965	nan	0.0100	0.0066
##	6	1.2835	nan	0.0100	0.0064
##	7	1.2705	nan	0.0100	0.0063
##	8	1.2580	nan	0.0100	0.0060
##	9	1.2457	nan	0.0100	0.0060
##	10	1.2334	nan	0.0100	0.0060
##	20	1.1246	nan	0.0100	0.0048
##	40	0.9527	nan	0.0100	0.0036
##	60	0.8254	nan	0.0100	0.0027
##	80	0.7269	nan	0.0100	0.0019
##	100	0.6512	nan	0.0100	0.0016
##	120	0.5917	nan	0.0100	0.0013
##	140	0.5452	nan	0.0100	0.0010
##	160	0.5080	nan	0.0100	0.0007
##	180	0.4784	nan	0.0100	0.0007
##	200	0.4537	nan	0.0100	0.0006
##	220	0.4333	nan	0.0100	0.0003
##	240	0.4171	nan	0.0100	0.0003
##	260	0.4031	nan	0.0100	0.0002
##	280	0.3919	nan	0.0100	0.0002
##	300	0.3824	nan	0.0100	0.0001
##	500	0.3024	nan	0.0100	0.0001
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3511	nan	0.0100	0.0071
##	2				0.0071
		1.3368	nan	0.0100	
##	3 4	1.3232	nan	0.0100	0.0069
		1.3097	nan	0.0100	0.0066
##	5	1.2964	nan	0.0100	0.0067
##	6	1.2834	nan	0.0100	0.0065
##	7	1.2704	nan	0.0100	0.0062
##	8	1.2576	nan	0.0100	0.0062
##	9	1.2451	nan	0.0100	0.0061
##	10	1.2330	nan	0.0100	0.0060
##	20	1.1237	nan	0.0100	0.0048
##	40	0.9525	nan	0.0100	0.0036
##	60	0.8241	nan	0.0100	0.0027
##	80	0.7274	nan	0.0100	0.0020
##	100	0.6527	nan	0.0100	0.0015
##	120	0.5928	nan	0.0100	0.0012
##	140	0.5460	nan	0.0100	0.0010
##	160	0.5071	nan	0.0100	0.0008
##	180	0.4767	nan	0.0100	0.0006
##	200	0.4531	nan	0.0100	0.0004
##	220	0.4332	nan	0.0100	0.0002
##	240	0.4172	nan	0.0100	0.0003
##	260	0.4041	nan	0.0100	0.0002
##	280	0.3935	nan	0.0100	0.0001
##	300	0.3839	nan	0.0100	0.0002
##					_
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3509	nan	0.0100	0.0070
##	2	1.3368	nan	0.0100	0.0070
##	3	1.3230	nan	0.0100	0.0066
##	4	1.3097	nan	0.0100	0.0067
##	5	1.2964	nan	0.0100	0.0065
##	6	1.2833	nan	0.0100	0.0065
##	7	1.2707	nan	0.0100	0.0063
##	8	1.2580	nan	0.0100	0.0063
##	9	1.2457	nan	0.0100	0.0059
##	10	1.2338	nan	0.0100	0.0058
##	20	1.1241	nan	0.0100	0.0049
##	40	0.9529	nan	0.0100	0.0035
##	60	0.8263	nan	0.0100	0.0026
##	80	0.7291	nan	0.0100	0.0020
##	100	0.6535	nan	0.0100	0.0016
##	120	0.5937	nan	0.0100	0.0012
##	140	0.5465	nan	0.0100	0.0011

##	160	0.5088	nan	0.0100	0.0006
##	180	0.4786	nan	0.0100	0.0007
##	200	0.4548	nan	0.0100	0.0004
##	220	0.4349	nan	0.0100	0.0004
##	240	0.4187	nan	0.0100	0.0003
##	260	0.4056	nan	0.0100	0.0003
##	280	0.3943	nan	0.0100	0.0001
##	300	0.3851	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3512	nan	0.0100	0.0072
##	2	1.3373	nan	0.0100	0.0069
##	3	1.3237	nan	0.0100	0.0067
##	4	1.3106	nan	0.0100	0.0066
##	5	1.2974	nan	0.0100	0.0065
##	6	1.2843	nan	0.0100	0.0065
##	7	1.2717	nan	0.0100	0.0061
##	8	1.2592	nan	0.0100	0.0062
##	9	1.2468	nan	0.0100	0.0061
##	10	1.2345	nan	0.0100	0.0059
##	20	1.1246	nan	0.0100	0.0048
##	40	0.9533	nan	0.0100	0.0036
##	60	0.8258	nan	0.0100	0.0029
##	80	0.7287	nan	0.0100	0.0023
##	100	0.6529	nan	0.0100	0.0015
##	120	0.5941	nan	0.0100	0.0013
##	140	0.5469	nan	0.0100	0.0012
##	160	0.5092	nan	0.0100	0.0010
##	180	0.4788	nan	0.0100	0.0007
##	200	0.4550	nan	0.0100	0.0005
##	220	0.4342		0.0100	0.0003
##	240		nan		
##	260	0.4183	nan	0.0100	0.0003
		0.4048	nan	0.0100	0.0002
##	280	0.3935	nan	0.0100	0.0001
##	300	0.3846	nan	0.0100	0.0001
##	T+	Taniabaniaaaa	V-1 : dD:	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2520	nan	0.1000	0.0556
##	2	1.1620	nan	0.1000	0.0450
##	3	1.0873	nan	0.1000	0.0376
##	4	1.0221	nan	0.1000	0.0311
##	5	0.9678	nan	0.1000	0.0268
##	6	0.9228	nan	0.1000	0.0222
##	7	0.8817	nan	0.1000	0.0196
##	8	0.8419	nan	0.1000	0.0196
##	9	0.8106	nan	0.1000	0.0152
##	10	0.7780	nan	0.1000	0.0154
##	20	0.5918	nan	0.1000	0.0058
##	40	0.4508	nan	0.1000	0.0019
##	60	0.4017	nan	0.1000	0.0005
##	80	0.3763	nan	0.1000	0.0003
##	100	0.3607	nan	0.1000	-0.0000
##	120	0.3534	nan	0.1000	-0.0002
##	140	0.3464	nan	0.1000	0.0000
##	160	0.3415	nan	0.1000	-0.0002
##	180	0.3380	nan	0.1000	-0.0002
##	200	0.3337	nan	0.1000	-0.0000
##	220	0.3290	nan	0.1000	-0.0001
##	240	0.3264	nan	0.1000	-0.0001
##	260	0.3242	nan	0.1000	-0.0002
##	280	0.3224	nan	0.1000	-0.0004
##	300	0.3198	nan	0.1000	-0.0005
##	T+	Taniabaniaaaa	V-1 : dD:	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2533	nan	0.1000	0.0564
##	2	1.1621	nan	0.1000	0.0441
##	3	1.0863	nan	0.1000	0.0382
##	4	1.0207	nan	0.1000	0.0320
##	5	0.9670	nan	0.1000	0.0259
##	6	0.9217	nan	0.1000	0.0207
##	7	0.8793	nan	0.1000	0.0209
##	8	0.8418	nan	0.1000	0.0187
##	9	0.8075	nan	0.1000	0.0162
##	10	0.7766	nan	0.1000	0.0146
##	20	0.5914	nan	0.1000	0.0060
##	40	0.4500	nan	0.1000	0.0020
##	60	0.3986	nan	0.1000	0.0010
##	80	0.3760	nan	0.1000	0.0000
##	100	0.3575	nan	0.1000	0.0001

## 13	0.3494	nan	0.1000	-0.0003
## 14	10 0.3435	nan	0.1000	-0.0004
## 10	0.3385	nan	0.1000	-0.0002
	30 0.3352	nan	0.1000	-0.0004
	0.3317	nan	0.1000	-0.0001
	20 0.3294		0.1000	-0.0001
		nan		
	10 0.3264	nan	0.1000	0.0000
	0.3240	nan	0.1000	-0.0002
## 28	30 0.3215	nan	0.1000	-0.0004
## 30	0.3195	nan	0.1000	-0.0001
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 1.2518	nan	0.1000	0.0553
##	2 1.1621	nan	0.1000	0.0459
##	3 1.0839		0.1000	0.0374
		nan		
##	4 1.0217	nan	0.1000	0.0308
##	5 0.9683	nan	0.1000	0.0270
##	6 0.9221	nan	0.1000	0.0233
##	7 0.8797	nan	0.1000	0.0208
##	8 0.8428	nan	0.1000	0.0181
##	9 0.8094	nan	0.1000	0.0150
##	10 0.7798	nan	0.1000	0.0146
## :	20 0.5938	nan	0.1000	0.0062
	10 0.4497	nan	0.1000	0.0010
	50 0.4006		0.1000	0.0010
		nan		
	30 0.3731	nan	0.1000	0.0006
	0.3597	nan	0.1000	-0.0003
	20 0.3507	nan	0.1000	-0.0001
	10 0.3445	nan	0.1000	-0.0002
## 10	0.3407	nan	0.1000	-0.0001
## 18	30 0.3366	nan	0.1000	-0.0004
## 20	0.3324	nan	0.1000	-0.0002
	20 0.3297	nan	0.1000	-0.0004
	10 0.3261	nan	0.1000	-0.0007
	50 0.3238		0.1000	-0.0007
		nan		
	30 0.3215	nan	0.1000	-0.0003
	0.3193	nan	0.1000	-0.0002
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 1.2508	nan	0.1000	0.0560
##	2 1.1586	nan	0.1000	0.0454
##	3 1.0838	nan	0.1000	0.0376
##	4 1.0202	nan	0.1000	0.0314
##	5 0.9650	nan	0.1000	0.0267
##	6 0.9191		0.1000	0.0226
		nan		
##	7 0.8773	nan	0.1000	0.0188
##	8 0.8390	nan	0.1000	0.0189
##	9 0.8078	nan	0.1000	0.0153
##	10 0.7790	nan	0.1000	0.0133
##	0.5894	nan	0.1000	0.0069
## 4	10 0.4506	nan	0.1000	0.0021
##	0.3982	nan	0.1000	-0.0001
	30 0.3721	nan	0.1000	-0.0002
	0.3573	nan	0.1000	-0.0000
	20 0.3486	nan	0.1000	-0.0001
	10 0.3432	nan	0.1000	-0.0001
	50 0.3392	nan	0.1000	-0.0001
	30 0.3363	nan	0.1000	-0.0002
	0.3322	nan	0.1000	-0.0002
	20 0.3294	nan	0.1000	-0.0002
	10 0.3270	nan	0.1000	-0.0002
## 20	0.3244	nan	0.1000	-0.0003
## 28	30 0.3220	nan	0.1000	-0.0000
## 30	0.3193	nan	0.1000	-0.0003
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 1.2367	nan	0.1000	0.0626
##	2 1.1362		0.1000	0.0500
		nan		
##	3 1.0490	nan	0.1000	0.0424
##	4 0.9783	nan	0.1000	0.0351
##	5 0.9121	nan	0.1000	0.0320
##	6 0.8587	nan	0.1000	0.0245
##	7 0.8119	nan	0.1000	0.0234
##	8 0.7681	nan	0.1000	0.0203
##	9 0.7299	nan	0.1000	0.0184
	10 0.6992	nan	0.1000	0.0146
	20 0.5006	nan	0.1000	0.0060
	40 0.3818		0.1000	0.0005
		nan		-0.0008
##	0.3534	nan	0.1000	- 80008

##	80	0.3397	nan	0.1000	-0.0000
##	100	0.3277	nan	0.1000	-0.0002
##	120	0.3176	nan	0.1000	-0.0011
##	140	0.3092	nan	0.1000	-0.0002
##	160	0.3029	nan	0.1000	-0.0002
##	180	0.2957		0.1000	-0.0005
			nan		
##	200	0.2901	nan	0.1000	-0.0007
##	220	0.2844	nan	0.1000	-0.0002
##	240	0.2781	nan	0.1000	-0.0006
##	260	0.2719	nan	0.1000	-0.0002
##	280	0.2665	nan	0.1000	-0.0004
##	300	0.2606	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2358	nan	0.1000	0.0618
##	2	1.1338	nan	0.1000	0.0496
##	3	1.0472	nan	0.1000	0.0422
##	4	0.9743	nan	0.1000	0.0361
##	5	0.9132	nan	0.1000	0.0302
##	6	0.8611	nan	0.1000	0.0264
##	7	0.8112	nan	0.1000	0.0246
##	8	0.7695	nan	0.1000	0.0240
##	9	0.7339			0.0201
			nan	0.1000	
##	10	0.6993	nan	0.1000	0.0168
##	20	0.5007	nan	0.1000	0.0060
##	40	0.3841	nan	0.1000	0.0013
##	60	0.3545	nan	0.1000	-0.0003
##	80	0.3418	nan	0.1000	-0.0001
##	100	0.3283	nan	0.1000	-0.0006
##	120	0.3192	nan	0.1000	0.0003
##	140	0.3124	nan	0.1000	-0.0006
##	160	0.3038	nan	0.1000	-0.0002
##	180	0.2968	nan	0.1000	-0.0004
##	200	0.2894	nan	0.1000	-0.0005
##	220	0.2834	nan	0.1000	-0.0002
##	240	0.2775	nan	0.1000	-0.0000
##	260	0.2722	nan	0.1000	-0.0006
##	280	0.2681	nan	0.1000	-0.0004
##	300	0.2633	nan	0.1000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
" "					
##	1			•	•
##	1	1.2394	nan	0.1000	0.0617
##	2	1.2394 1.1373	nan nan	0.1000 0.1000	0.0617 0.0517
##	2	1.2394 1.1373 1.0540	nan nan nan	0.1000 0.1000 0.1000	0.0617 0.0517 0.0419
## ## ##	2 3 4	1.2394 1.1373 1.0540 0.9806	nan nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369
## ## ## ##	2 3 4 5	1.2394 1.1373 1.0540 0.9806 0.9190	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310
## ## ## ##	2 3 4 5 6	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274
## ## ## ## ##	2 3 4 5 6 7	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229
## ## ## ## ## ##	2 3 4 5 6 7 8	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201
## ## ## ## ## ##	2 3 4 5 6 7 8 9	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175
## ## ## ## ## ##	2 3 4 5 6 7 8 9	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002
## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0003
## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0003 -0.0009
## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0003 -0.0009 -0.0006
## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0000 -0.0004 -0.0002 -0.0003 -0.0009 -0.0006 -0.0005 -0.0006
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0003 -0.0009 -0.0006 -0.0005 -0.0008 -0.0008
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0003 -0.0009 -0.0006 -0.0005 -0.0008 -0.0008 -0.0008
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0003 -0.0006 -0.0005 -0.0006 -0.0008 -0.0008 -0.0008 -0.0008
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0003 -0.0006 -0.0005 -0.0008 -0.0008 -0.0008 -0.0003 -0.0004 -0.0003 -0.0004
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0003 -0.0006 -0.0005 -0.0006 -0.0008 -0.0008 -0.0008 -0.0008
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2661	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0003 -0.0006 -0.0006 -0.0008 -0.0008 -0.0008 -0.0003 -0.0004 -0.0003 -0.0004 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 SITER	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0005 -0.0006 -0.0008 -0.0008 -0.0003 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0005 -0.0006 -0.0008 -0.0008 -0.0003 -0.0004 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0005 -0.0006 -0.0008 -0.0008 -0.0003 -0.0004 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0006 -0.0005 -0.0006 -0.0008 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503 0.9765	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0005 -0.0006 -0.0005 -0.0008 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503 0.9765 0.9146	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0005 -0.0006 -0.0008 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503 0.9765 0.9146 0.8598	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0006 -0.0005 -0.0006 -0.0008 -0.0003 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503 0.9765 0.9146 0.8598 0.8144	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0006 -0.0005 -0.0006 -0.0008 -0.0003 -0.0004
######################################	2 3 4 5 6 7 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 5 6 6 7 8 8	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503 0.9765 0.9146 0.8598	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0006 -0.0005 -0.0006 -0.0008 -0.0003 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503 0.9765 0.9146 0.8598 0.8144	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0006 -0.0005 -0.0006 -0.0008 -0.0003 -0.0004
#######################################	2 3 4 5 6 7 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 5 6 6 7 8 8	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503 0.9765 0.9146 0.8598 0.8144 0.7697	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0006 -0.0005 -0.0006 -0.0008 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004
#######################################	2 3 4 5 6 7 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 5 6 6 7 8 8 9	1.2394 1.1373 1.0540 0.9806 0.9190 0.8638 0.8150 0.7712 0.7328 0.7013 0.4975 0.3821 0.3544 0.3410 0.3294 0.3207 0.3118 0.3048 0.2983 0.2926 0.2851 0.2799 0.2740 0.2691 0.2661 TrainDeviance 1.2399 1.1373 1.0503 0.9765 0.9146 0.8598 0.8144 0.7697 0.7325	nan	0.1000 0.1000	0.0617 0.0517 0.0419 0.0369 0.0310 0.0274 0.0229 0.0201 0.0175 0.0149 0.0060 0.0007 -0.0004 -0.0002 -0.0006 -0.0005 -0.0006 -0.0008 -0.0003 -0.0004

##	40	0.3820	nan	0.1000	0.0011
##	60	0.3546	nan	0.1000	0.0003
	80				
##		0.3401	nan	0.1000	-0.0005
##	100	0.3280	nan	0.1000	0.0001
##	120	0.3206	nan	0.1000	-0.0004
##	140	0.3139	nan	0.1000	-0.0003
##	160	0.3071	nan	0.1000	-0.0005
##	180	0.2998	nan	0.1000	-0.0004
##	200	0.2941	nan	0.1000	-0.0005
##	220	0.2878	nan	0.1000	-0.0002
##	240	0.2834	nan	0.1000	-0.0003
##	260	0.2790	nan	0.1000	-0.0008
##	280	0.2743	nan	0.1000	-0.0003
##	300	0.2702	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2333	nan	0.1000	0.0654
	2				
##		1.1241	nan	0.1000	0.0533
##	3	1.0290	nan	0.1000	0.0449
##	4	0.9552	nan	0.1000	0.0364
##	5	0.8870	nan	0.1000	0.0329
##	6	0.8287	nan	0.1000	0.0287
##	7	0.7810		0.1000	0.0234
			nan		
##	8	0.7343	nan	0.1000	0.0216
##	9	0.6958	nan	0.1000	0.0183
##	10	0.6651	nan	0.1000	0.0142
##	20	0.4592	nan	0.1000	0.0047
##	40	0.3647		0.1000	0.0004
			nan		
##	60	0.3376	nan	0.1000	-0.0002
##	80	0.3202	nan	0.1000	-0.0005
##	100	0.3054	nan	0.1000	-0.0004
##	120	0.2893	nan	0.1000	-0.0004
##	140	0.2797		0.1000	-0.0000
			nan		
##	160	0.2665	nan	0.1000	-0.0001
##	180	0.2556	nan	0.1000	-0.0001
##	200	0.2469	nan	0.1000	-0.0004
##	220	0.2393	nan	0.1000	-0.0004
	240	0.2287		0.1000	-0.0002
##			nan		
##	260	0.2203	nan	0.1000	0.0001
##	280	0.2137	nan	0.1000	-0.0007
##	300	0.2056	nan	0.1000	-0.0002
##					
##					
	Ttor	TrainDeviance	ValidDeviance	StanSiza	Tmnrove
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2316	nan	0.1000	0.0656
	1 2			0.1000 0.1000	
##	1	1.2316	nan	0.1000	0.0656
## ##	1 2	1.2316 1.1228 1.0341	nan nan nan	0.1000 0.1000 0.1000	0.0656 0.0536 0.0423
## ## ## ##	1 2 3 4	1.2316 1.1228 1.0341 0.9579	nan nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370
## ## ## ##	1 2 3 4 5	1.2316 1.1228 1.0341 0.9579 0.8901	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330
## ## ## ## ##	1 2 3 4 5 6	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283
## ## ## ## ##	1 2 3 4 5 6 7	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234
## ## ## ## ##	1 2 3 4 5 6 7 8	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209
## ## ## ## ##	1 2 3 4 5 6 7	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048
## ## ## ## ## ## ##	1 2 3 4 5 6 6 7 8 8 9 10 20 40	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0003
## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 6 7 8 8 9 100 200 400 600 800 1200 1400 1600	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0003 -0.00010 -0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0003 -0.0005 -0.0002
## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 6 7 8 8 9 100 200 400 600 800 1200 1400 1600	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0003 -0.00010 -0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0003 -0.0005 -0.0002
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0004
######################################	1 2 3 4 5 6 6 7 8 8 9 10 20 40 60 120 140 160 180 200 220 240	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2386	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006
######################################	1 2 3 4 4 5 6 6 7 7 8 9 10 20 40 60 120 140 160 180 200 220 240 260	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2386 0.2332	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0006 -0.0009
######################################	1 2 3 4 4 5 6 6 7 8 8 9 10 20 40 60 120 140 160 180 220 240 260 280	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0006 -0.0009 -0.0009
######################################	1 2 3 4 4 5 6 6 7 7 8 9 10 20 40 60 120 140 160 180 200 220 240 260	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2386 0.2332	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0006 -0.0009
######################################	1 2 3 4 4 5 6 6 7 8 8 9 10 20 40 60 120 140 160 180 220 240 260 280	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0006 -0.0009 -0.0009
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0006 -0.0006 -0.0006 -0.0009 -0.0003 -0.0003
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 SITER	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0006 -0.0009 -0.0009 -0.0003 -0.0009
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0006 -0.0006 -0.0009 -0.0009 -0.0003 -0.0004 -0.0006 -0.0009 -0.0004
#######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319 1.1246	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0006 -0.0006 -0.0009 -0.0003 -0.0004 -0.0006 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0006 -0.0006 -0.0009 -0.0009 -0.0003 -0.0004 -0.0006 -0.0009 -0.0004
#######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319 1.1246	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0006 -0.0006 -0.0009 -0.0003 -0.0004 -0.0006 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004
#######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319 1.1246 1.0315 0.9552	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0006 -0.0009 -0.0003 -0.0004 Improve 0.0662 0.0534 0.0451 0.0366
#######################################	1 2 3 4 5 6 6 7 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 5 5	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319 1.1246 1.0315 0.9552 0.8881	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0004 -0.0006 -0.0009 -0.0003 -0.0004 Tmprove 0.0662 0.0534 0.0451 0.0366
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 5 6 6	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319 1.1246 1.0315 0.9552 0.8881 0.8324	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0004 -0.0006 -0.0009 -0.0003 -0.0004 Improve 0.0662 0.0534 0.0451 0.0366 0.0326 0.0261
#######################################	1 2 3 4 5 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 5 6 7 7	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319 1.1246 1.0315 0.9552 0.8881 0.8324 0.7821	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0006 -0.0006 -0.0009 -0.0009 -0.0003 -0.0004 Improve 0.0662 0.0534 0.0451 0.0366 0.0326 0.0261 0.0233
#######################################	1 2 3 4 5 6 6 7 8 8 9 100 200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 5 6 6 7 8	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319 1.1246 1.0315 0.9552 0.8881 0.8324	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0005 -0.0006 -0.0009 -0.0009 -0.0004 -0.0006 -0.0009 -0.0003 -0.0004 Improve 0.0662 0.0534 0.0451 0.0366 0.0326 0.0233 0.0211
#######################################	1 2 3 4 5 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 5 6 7 7	1.2316 1.1228 1.0341 0.9579 0.8901 0.8288 0.7808 0.7364 0.6996 0.6644 0.4681 0.3666 0.3348 0.3187 0.3051 0.2922 0.2809 0.2706 0.2613 0.2542 0.2459 0.2332 0.2246 0.2197 TrainDeviance 1.2319 1.1246 1.0315 0.9552 0.8881 0.8324 0.7821	nan	0.1000 0.1000	0.0656 0.0536 0.0423 0.0370 0.0330 0.0283 0.0234 0.0209 0.0176 0.0163 0.0048 0.0009 -0.0003 -0.0003 -0.0003 -0.0005 -0.0006 -0.0006 -0.0009 -0.0009 -0.0003 -0.0004 Improve 0.0662 0.0534 0.0451 0.0366 0.0326 0.0261 0.0233

##	10	0.6626	nan	0.1000	0.0165
##	20	0.4591	nan	0.1000	0.0051
##	40	0.3670	nan	0.1000	0.0011
##	60	0.3393		0.1000	-0.0000
			nan		
##	80	0.3203	nan	0.1000	-0.0003
##	100	0.3074	nan	0.1000	-0.0004
##	120	0.2961	nan	0.1000	0.0001
##	140	0.2843	nan	0.1000	-0.0004
##	160	0.2735	nan	0.1000	-0.0005
##	180	0.2656	nan	0.1000	-0.0004
##	200	0.2589	nan	0.1000	-0.0011
##	220	0.2515	nan	0.1000	-0.0002
	240	0.2444			
##			nan	0.1000	-0.0006
##	260	0.2366	nan	0.1000	-0.0008
##	280	0.2297	nan	0.1000	-0.0005
##	300	0.2240	nan	0.1000	-0.0008
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2335	nan	0.1000	0.0643
##	2	1.1224	nan	0.1000	0.0545
##	3	1.0333	nan	0.1000	0.0435
##	4	0.9565	nan	0.1000	0.0378
		0.8889			0.0327
##	5		nan	0.1000	
##	6	0.8335	nan	0.1000	0.0267
##	7	0.7845	nan	0.1000	0.0240
##	8	0.7410	nan	0.1000	0.0210
##	9	0.6989	nan	0.1000	0.0206
##	10	0.6652	nan	0.1000	0.0155
##	20	0.4665	nan	0.1000	0.0045
##	40	0.3673	nan	0.1000	0.0006
##	60	0.3390	nan	0.1000	0.0001
##	80	0.3233		0.1000	-0.0001
			nan		
##	100	0.3110	nan	0.1000	-0.0006
##	120	0.2992	nan	0.1000	-0.0005
##	140	0.2897	nan	0.1000	-0.0002
##	160	0.2809	nan	0.1000	-0.0004
##	180	0.2708	nan	0.1000	-0.0011
##	200	0.2627	nan	0.1000	-0.0011
##	220	0.2556	nan	0.1000	-0.0008
##	240	0.2504	nan	0.1000	-0.0002
##	260	0.2439	nan	0.1000	-0.0002
##					
	280	0.2365	nan	0.1000	-0.0009
##	300	0.2310	nan	0.1000	-0.0003
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2290	nan	0.1000	0.0677
##	2	1.1168	nan	0.1000	0.0559
##	3	1.0228	nan	0.1000	0.0462
##	4	0.9430	nan	0.1000	0.0388
##		0.5450			
##	5		nan	0.1000	0.0326
	5 6	0.8744	nan nan	0.1000 0.1000	0.0326 0.0279
	6	0.8744 0.8153	nan	0.1000	0.0279
##	6 7	0.8744 0.8153 0.7656	nan nan	0.1000 0.1000	0.0279 0.0250
## ##	6 7 8	0.8744 0.8153 0.7656 0.7209	nan nan nan	0.1000 0.1000 0.1000	0.0279 0.0250 0.0215
## ## ##	6 7 8 9	0.8744 0.8153 0.7656 0.7209 0.6790	nan nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203
## ## ## ##	6 7 8 9 10	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160
## ## ## ##	6 7 8 9 10 20	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060
## ## ## ## ##	6 7 8 9 10 20 40	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008
## ## ## ## ##	6 7 8 9 10 20 40 60	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008
## ## ## ## ##	6 7 8 9 10 20 40 60 80	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008
## ## ## ## ##	6 7 8 9 10 20 40 60	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0007 -0.0001
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0007 -0.0001 -0.0005 -0.0008
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0007 -0.0005 -0.0008 -0.0008
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0005 -0.0008
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0008 -0.0008
## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0003 -0.0008
## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0008 -0.0008 -0.0008
## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0007 -0.0001 -0.0005 -0.0008 -0.0008 -0.0008 -0.0006 -0.0006
## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0008 -0.0008 -0.0008
## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0008 -0.0005 -0.0006 -0.0006
## ### ### ### ### ### ### ### ### ###	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0008 -0.0006 -0.0006 -0.0006
## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.8744 0.8153 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0005 -0.0006 -0.0006 -0.0006 -0.0001 -0.0001
## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.8744 0.8153 0.7656 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0005 -0.0006 -0.0006 -0.0006 -0.0001
## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	0.8744 0.8153 0.7656 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0007 -0.0007 -0.0005 -0.0008 -0.0008 -0.0006 -0.0006 -0.0004 -0.0001 -0.0001
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	0.8744 0.8153 0.7656 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695 TrainDeviance 1.2253 1.1136	nan	0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0007 -0.0007 -0.0005 -0.0008 -0.0008 -0.0006 -0.0006 -0.0006 -0.0001 -0.0001
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	0.8744 0.8153 0.7656 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695 TrainDeviance 1.2253 1.1136 1.0201	nan	0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0007 -0.0007 -0.0005 -0.0008 -0.0008 -0.0006 -0.0006 -0.0006 -0.0001 -0.0001 Improve 0.0683 0.0547 0.0457
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	0.8744 0.8153 0.7656 0.7659 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695 TrainDeviance 1.2253 1.1136 1.0201 0.9403	nan	0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0008 -0.0005 -0.0006 -0.0006 -0.0006 -0.0006 -0.0001 -0.0001 Improve 0.0683 0.0547 0.0457
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3	0.8744 0.8153 0.7656 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695 TrainDeviance 1.2253 1.1136 1.0201 0.9403 0.8699	nan	0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0006 -0.0006 -0.0006 -0.0001 -0.0001 Improve 0.0683 0.0547 0.0457 0.0388 0.0344
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6	0.8744 0.8153 0.7656 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695 TrainDeviance 1.2253 1.1136 1.0201 0.9403 0.8699 0.8150	nan	0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0007 -0.0001 -0.0005 -0.0008 -0.0008 -0.0006 -0.0006 -0.0006 -0.0001 -0.0001 Improve 0.0683 0.0547 0.0457 0.0388 0.0344 0.0278
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3	0.8744 0.8153 0.7656 0.7656 0.7209 0.6790 0.6457 0.4491 0.3525 0.3169 0.2959 0.2806 0.2654 0.2527 0.2380 0.2256 0.2159 0.2032 0.1946 0.1845 0.1774 0.1695 TrainDeviance 1.2253 1.1136 1.0201 0.9403 0.8699	nan	0.1000 0.1000	0.0279 0.0250 0.0215 0.0203 0.0160 0.0060 0.0008 -0.0001 -0.0005 -0.0008 -0.0008 -0.0006 -0.0006 -0.0006 -0.0001 -0.0001 Improve 0.0683 0.0547 0.0457 0.0388 0.0344

## 10						
## 10	##	8	0.7218	nan	0.1000	0.0197
## 10	##	9	0.6822	nan	0.1000	0.0195
## 20						
## 40						
## 60						
## 180						
## 100						
## 120 0.2699 nan 0.1000 -0.0005 ## 1160 0.2490 nan 0.1000 -0.0005 -0.0001 ## 180 0.2312 nan 0.1000 -0.0005 ## 220 0.2109 nan 0.1000 -0.0005 ## 280 0.1209 nan 0.1000 -0.0005 ## 280 0.1903 nan 0.1000 -0.0006 -0.0001 ## 280 0.1903 nan 0.1000 -0.0006 -0.0001 ## 280 0.1903 nan 0.1000 -0.0004 ## 300 0.1835 nan 0.1000 -0.0004 ## 31 1.2286 nan 0.1000 0.0648 ## 1				nan		
## 140	##	100		nan		-0.0005
## 160	##	120	0.2699	nan	0.1000	-0.0009
## 180	##	140	0.2557	nan	0.1000	-0.0005
## 180	##	160	0.2400	nan	0.1000	-0.0003
## 200						
## 220						
## 240 0.2941 nan 0.1000 -0.0008 ## 300 0.1933 nan 0.1000 -0.0004 ## 300 0.1835 nan 0.1000 -0.0004 ## 1						
## 260						
## 1280						
## Ter				nan		
## TrainDeviance ValidDeviance StepSize Improve ## 1				nan		
## Iter	##	300	0.1835	nan	0.1000	-0.0004
## 1 1.2286	##					
## 1	##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 1	##	1	1.2286	nan	0.1000	0.0648
## 3 1.0263	##	2	1.1186	nan		0.0549
## 4 0.9465						
## 5						
## 6 0.8208						
## 7 0.7712						
## 8 0.7241						
## 10 0.6504						
## 10				nan		
## 20 0.4528	##	9	0.6861	nan	0.1000	0.0185
## 40 0.3550	##	10	0.6504	nan	0.1000	0.0167
## 60 0.3247 nan 0.1000 0.0003 ## 80 0.3043 nan 0.1000 -0.0003 ## 100 0.2888 nan 0.1000 -0.0005 ## 120 0.2766 nan 0.1000 -0.0005 ## 140 0.2651 nan 0.1000 -0.0007 ## 180 0.2531 nan 0.1000 -0.0006 ## 200 0.2314 nan 0.1000 -0.0006 ## 220 0.2218 nan 0.1000 -0.0006 ## 280 0.2059 nan 0.1000 -0.0006 ## 300 0.1922 nan 0.1000 -0.0006 ## 300 0.1922 nan 0.1000 -0.0006 ## 1 1 1.2286 nan 0.1000 -0.0006 ## 2 2 1.1179 nan 0.1000 -0.0067 ## 3 1.0266 nan 0.1000 0.0534 ## 4 0.9470 nan 0.1000 0.0534 ## 5 0.8759 nan 0.1000 0.0339 ## 6 0.8177 nan 0.1000 0.0338 ## 8 0.7250 nan 0.1000 0.0268 ## 9 0.6835 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.5351 nan 0.1000 0.0264 ## 10 0.5351 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.6455 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 20 0.4535 nan 0.1000 0.0204 ## 11 0.06663 nan 0.1000 0.0204 ## 20 0.235 nan 0.1000 0.0007 ## 20 0.4535 nan 0.1000 0.0007 ## 20 0.4535 nan 0.1000 0.0007 ## 20 0.0353 nan 0.1000 0.0007 ## 20 0.2907 nan 0.1000 0.0007 ## 20 0.2243 nan 0.1000 0.0006 ## 20 0.0255 nan 0.1000 0.0006 ## 20 0.2243 nan 0.1000 0.0006 ## 20 0.0255 nan 0.1000 0.0006 ## 20 0.0255 nan 0.1000 0.0006 ## 20 0.0005 nan 0.1000 0.0006 ## 20 0.0258 nan 0.1000 0.0006 ## 20 0.0005 nan 0.1000 0.0006	##	20	0.4528	nan	0.1000	0.0058
## 60 0.3247 nan 0.1000 0.0003 ## 80 0.3043 nan 0.1000 -0.0003 ## 100 0.2888 nan 0.1000 -0.0005 ## 120 0.2766 nan 0.1000 -0.0005 ## 140 0.2651 nan 0.1000 -0.0007 ## 180 0.2531 nan 0.1000 -0.0006 ## 200 0.2314 nan 0.1000 -0.0006 ## 220 0.2218 nan 0.1000 -0.0006 ## 280 0.2059 nan 0.1000 -0.0006 ## 300 0.1922 nan 0.1000 -0.0006 ## 300 0.1922 nan 0.1000 -0.0006 ## 1 1 1.2286 nan 0.1000 -0.0006 ## 2 2 1.1179 nan 0.1000 -0.0067 ## 3 1.0266 nan 0.1000 0.0534 ## 4 0.9470 nan 0.1000 0.0534 ## 5 0.8759 nan 0.1000 0.0339 ## 6 0.8177 nan 0.1000 0.0338 ## 8 0.7250 nan 0.1000 0.0268 ## 9 0.6835 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.5351 nan 0.1000 0.0264 ## 10 0.5351 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 10 0.6455 nan 0.1000 0.0264 ## 10 0.6463 nan 0.1000 0.0264 ## 20 0.4535 nan 0.1000 0.0204 ## 11 0.06663 nan 0.1000 0.0204 ## 20 0.235 nan 0.1000 0.0007 ## 20 0.4535 nan 0.1000 0.0007 ## 20 0.4535 nan 0.1000 0.0007 ## 20 0.0353 nan 0.1000 0.0007 ## 20 0.2907 nan 0.1000 0.0007 ## 20 0.2243 nan 0.1000 0.0006 ## 20 0.0255 nan 0.1000 0.0006 ## 20 0.2243 nan 0.1000 0.0006 ## 20 0.0255 nan 0.1000 0.0006 ## 20 0.0255 nan 0.1000 0.0006 ## 20 0.0005 nan 0.1000 0.0006 ## 20 0.0258 nan 0.1000 0.0006 ## 20 0.0005 nan 0.1000 0.0006	##	40	0.3550	nan	0.1000	0.0000
## 100						
## 100						
## 120 0.2766						
## 140 0.2651						
## 160						
## 180	##		0.2651	nan	0.1000	-0.0007
## 200	##	160	0.2531	nan	0.1000	-0.0002
## 220 0.2218	##	180	0.2428	nan	0.1000	-0.0006
## 240 0.2143	##	200	0.2314	nan	0.1000	-0.0006
## 260 0.2059	##	220	0.2218	nan	0.1000	-0.0005
## 260 0.2059	##	240	0.2143	nan	0.1000	-0.0004
## 280 0.1985	##					
##						
## Iter						
## Iter TrainDeviance		300	0.1922	IIaii	0.1000	-0.0007
## 1 1.2286		- .			6. 6.	_
## 2 1.1179						•
## 3 1.0266	##		1.2286	nan	0.1000	0.0677
## 4 0.9470	##	2	1.1179	nan	0.1000	0.0534
## 5 0.8759	##	3	1.0266	nan	0.1000	0.0456
## 6 0.8177	##	4	0.9470	nan	0.1000	0.0380
## 6 0.8177	##	5	0.8759	nan	0.1000	0.0339
## 7 0.7683	##		0.8177		0.1000	0.0268
## 8 0.7250						
## 9 0.6835						
## 10 0.6463 nan 0.1000 0.0170 ## 20 0.4535 nan 0.1000 0.0037 ## 40 0.3571 nan 0.1000 0.0001 ## 60 0.3267 nan 0.1000 0.0002 ## 80 0.3053 nan 0.1000 -0.0004 ## 100 0.2907 nan 0.1000 -0.0005 ## 120 0.2758 nan 0.1000 -0.0005 ## 140 0.2630 nan 0.1000 -0.0005 ## 160 0.2503 nan 0.1000 -0.0001 ## 180 0.2408 nan 0.1000 -0.0006 ## 200 0.2325 nan 0.1000 -0.0006 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 280 0.2025 nan 0.1000 -0.0005 ## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0528						
## 20 0.4535						
## 40 0.3571 nan 0.1000 0.0001 ## 60 0.3267 nan 0.1000 0.0002 ## 80 0.3053 nan 0.1000 -0.0004 ## 100 0.2907 nan 0.1000 -0.0005 ## 120 0.2758 nan 0.1000 -0.0005 ## 140 0.2630 nan 0.1000 -0.0005 ## 160 0.2503 nan 0.1000 -0.0006 ## 200 0.2325 nan 0.1000 -0.0006 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0005 ## 280 0.2025 nan 0.1000 -0.0003 ## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0559						
## 60 0.3267 nan 0.1000 0.0002 ## 80 0.3053 nan 0.1000 -0.0004 ## 100 0.2907 nan 0.1000 -0.0005 ## 120 0.2758 nan 0.1000 -0.0005 ## 140 0.2630 nan 0.1000 -0.0005 ## 160 0.2503 nan 0.1000 -0.0001 ## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0005 ## 280 0.2025 nan 0.1000 -0.0003 ## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0559						
## 80 0.3053 nan 0.1000 -0.0004 ## 100 0.2907 nan 0.1000 -0.0005 ## 120 0.2758 nan 0.1000 -0.0005 ## 140 0.2630 nan 0.1000 -0.0005 ## 160 0.2503 nan 0.1000 -0.0001 ## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0005 ## 280 0.2025 nan 0.1000 -0.0003 ## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0558						
## 100 0.2907 nan 0.1000 -0.0005 ## 120 0.2758 nan 0.1000 -0.0000 ## 140 0.2630 nan 0.1000 -0.0005 ## 160 0.2503 nan 0.1000 -0.0001 ## 180 0.2408 nan 0.1000 -0.0006 ## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0004 ## 300 0.1945 nan 0.1000 -0.0003 ## # Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0559						
## 120 0.2758 nan 0.1000 -0.0000 ## 140 0.2630 nan 0.1000 -0.0005 ## 160 0.2503 nan 0.1000 -0.0001 ## 180 0.2408 nan 0.1000 -0.0006 ## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0005 ## 300 0.1945 nan 0.1000 -0.0003 ## # Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0559				nan		
## 140 0.2630 nan 0.1000 -0.0005 ## 160 0.2503 nan 0.1000 -0.0001 ## 180 0.2408 nan 0.1000 -0.0006 ## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0004 ## 300 0.1945 nan 0.1000 -0.0003 ## # Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0559	##		0.2907	nan	0.1000	-0.0005
## 160 0.2503 nan 0.1000 -0.0001 ## 180 0.2408 nan 0.1000 -0.0006 ## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0004 ## 300 0.1945 nan 0.1000 -0.0003 ## # Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359	##	120	0.2758	nan	0.1000	-0.0000
## 160 0.2503 nan 0.1000 -0.0001 ## 180 0.2408 nan 0.1000 -0.0006 ## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0004 ## 300 0.1945 nan 0.1000 -0.0003 ## # Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359	##	140	0.2630	nan	0.1000	-0.0005
## 180 0.2408 nan 0.1000 -0.0006 ## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0004 ## 300 0.1945 nan 0.1000 -0.0003 ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359	##					
## 200 0.2325 nan 0.1000 -0.0007 ## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0004 ## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359						
## 220 0.2243 nan 0.1000 -0.0006 ## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0004 ## 280 0.2025 nan 0.1000 -0.0003 ## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359						
## 240 0.2169 nan 0.1000 -0.0005 ## 260 0.2096 nan 0.1000 -0.0004 ## 280 0.2025 nan 0.1000 -0.0003 ## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359						
## 260 0.2096 nan 0.1000 -0.0004 ## 280 0.2025 nan 0.1000 -0.0003 ## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359						
## 280 0.2025 nan 0.1000 -0.0003 ## 300 0.1945 nan 0.1000 -0.0003 ## ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359						
## 300 0.1945 nan 0.1000 -0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359						
## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359				nan		
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## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359	##					
## 1 1.0558 nan 0.3000 0.1455 ## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359	##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 2 0.8882 nan 0.3000 0.0790 ## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359	##		1.0558	nan	•	•
## 3 0.7783 nan 0.3000 0.0528 ## 4 0.7026 nan 0.3000 0.0359						
## 4 0.7026 nan 0.3000 0.0359						
שטטט.ט וומוו וומון נענט.ט כ 1137						
	##	э	0.03∠1	nan	U.3000	0.023/

##	6	0.6044	nan	0.3000	0.0223
##	7	0.5681	nan	0.3000	0.0177
##	8	0.5359	nan	0.3000	0.0161
##	9	0.5107	nan	0.3000	0.0117
##	10	0.4977	nan	0.3000	0.0033
##	20	0.4030	nan	0.3000	0.0004
##	40	0.3547	nan	0.3000	0.0001
##	60	0.3409	nan	0.3000	-0.0009
##	80	0.3302	nan	0.3000	-0.0001
##	100	0.3247	nan	0.3000	-0.0014
##	120	0.3176	nan	0.3000	-0.0011
##	140	0.3091	nan	0.3000	-0.0013
##	160	0.3056	nan	0.3000	-0.0002
##	180	0.3013	nan	0.3000	0.0000
##	200	0.2969	nan	0.3000	-0.0005
##	220	0.2913	nan	0.3000	-0.0003
##	240	0.2871	nan	0.3000	-0.0009
##	260	0.2833	nan	0.3000	-0.0006
##	280	0.2821	nan	0.3000	-0.0005
##	300	0.2784	nan	0.3000	-0.0004
##	300	0.2704	nan	0.5000	0.0004
##	Iter	TrainDeviance	ValidDeviance	StepSize	Tmprovo
				•	Improve
##	1	1.0653	nan	0.3000	0.1457
##	2	0.8960	nan	0.3000	0.0814
##	3	0.7967	nan	0.3000	0.0488
##	4	0.7064	nan	0.3000	0.0461
##	5	0.6548	nan	0.3000	0.0222
##	6	0.6059	nan	0.3000	0.0235
##	7	0.5677	nan	0.3000	0.0164
##	8	0.5329	nan	0.3000	0.0167
##	9	0.5151	nan	0.3000	0.0073
##	10	0.4938	nan	0.3000	0.0111
##	20	0.3995	nan	0.3000	0.0028
##	40	0.3577			
			nan	0.3000	-0.0001
##	60	0.3442	nan	0.3000	-0.0009
##	80	0.3355	nan	0.3000	-0.0005
##	100	0.3280	nan	0.3000	-0.0001
##	120	0.3203	nan	0.3000	-0.0005
##	140	0.3159	nan	0.3000	-0.0027
##	160	0.3104	nan	0.3000	-0.0008
##	180	0.3058	nan	0.3000	0.0001
##	200	0.3007	nan	0.3000	-0.0012
##	220	0.2976	nan	0.3000	-0.0014
##	240	0.2937	nan	0.3000	0.0001
##	260	0.2922	nan	0.3000	-0.0012
##	280	0.2876		0.3000	-0.0008
			nan		
##	300	0.2842	nan	0.3000	-0.0008
##	T4	T	V-1: 4D:	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0601	nan	0.3000	0.1494
##	2	0.8947	nan	0.3000	0.0803
##	3	0.7846	nan	0.3000	0.0505
##	4	0.6994	nan	0.3000	0.0381
##	5	0.6499	nan	0.3000	0.0233
##	6	0.6023	nan	0.3000	0.0221
##	7	0.5688	nan	0.3000	0.0150
##	8	0.5374	nan	0.3000	0.0135
##	9	0.5129	nan	0.3000	0.0113
##	10	0.4922	nan	0.3000	0.0098
##	20	0.3976	nan	0.3000	0.0027
##	40	0.3531	nan	0.3000	-0.0027
##	60	0.3411		0.3000	-0.0007
##	80	0.3333	nan		
			nan	0.3000	-0.0028
##	100	0.3253	nan	0.3000	-0.0012
##	120	0.3188	nan	0.3000	-0.0006
##	140	0.3145	nan	0.3000	-0.0002
##	160	0.3078	nan	0.3000	-0.0008
##	180	0.3046	nan	0.3000	-0.0007
##	200	0.3000	nan	0.3000	-0.0020
##	220	0.2954	nan	0.3000	-0.0016
##	240	0.2914	nan	0.3000	-0.0006
##	260	0.2882	nan	0.3000	-0.0020
##	280	0.2854	nan	0.3000	-0.0007
##	300	0.2821	nan	0.3000	-0.0020
##	500	0.2021	nun	3.5000	0.0020
##	Iter	TrainDovioso	ValidDeviance	StanSiza	Tmp.co.co
		TrainDeviance		StepSize	Improve
##	1	1.0575	nan	0.3000	0.1470
##	2	0.8993	nan	0.3000	0.0791
##	3	0.7909	nan	0.3000	0.0536

##	4	0.7097	nan	0.3000	0.0390
##	5	0.6541	nan	0.3000	0.0264
##	6	0.6060	nan	0.3000	0.0231
##	7	0.5746	nan	0.3000	0.0141
##	8	0.5444		0.3000	0.0141
			nan		
##	9	0.5199	nan	0.3000	0.0097
##	10	0.4943	nan	0.3000	0.0115
##	20	0.3998	nan	0.3000	0.0035
##	40	0.3542	nan	0.3000	-0.0015
##	60	0.3403	nan	0.3000	-0.0002
##	80	0.3298	nan	0.3000	-0.0005
##	100	0.3223	nan	0.3000	-0.0006
##	120	0.3162	nan	0.3000	-0.0001
##	140	0.3118		0.3000	-0.0001
			nan		
##	160	0.3078	nan	0.3000	-0.0011
##	180	0.3027	nan	0.3000	-0.0016
##	200	0.2986	nan	0.3000	-0.0006
##	220	0.2943	nan	0.3000	-0.0004
##	240	0.2915	nan	0.3000	-0.0011
##	260	0.2870	nan	0.3000	0.0001
##	280	0.2857	nan	0.3000	-0.0008
##	300	0.2812	nan	0.3000	-0.0010
##	500	0.2012	nan	0.5000	0.0010
##	Ttor	TrainDeviance	ValidDeviance	StonSiza	Improve
	Iter			StepSize	•
##	1	1.0324	nan	0.3000	0.1547
##	2	0.8341	nan	0.3000	0.0946
##	3	0.7138	nan	0.3000	0.0591
##	4	0.6290	nan	0.3000	0.0383
##	5	0.5589	nan	0.3000	0.0344
##	6	0.5115	nan	0.3000	0.0213
##	7	0.4832	nan	0.3000	0.0107
##	8	0.4499		0.3000	0.0144
	9		nan		
##		0.4262	nan	0.3000	0.0107
##	10	0.4149	nan	0.3000	0.0040
##	20	0.3575	nan	0.3000	0.0002
##	40	0.3238	nan	0.3000	-0.0005
##	60	0.3005	nan	0.3000	-0.0023
##	80	0.2831	nan	0.3000	-0.0013
##	100	0.2606	nan	0.3000	-0.0006
##	120	0.2454	nan	0.3000	-0.0007
##	140	0.2283	nan	0.3000	-0.0029
##		0.2479			
	160		nan	0.3000	-0.0010
##	180	0.2202	nan	0.3000	-0.0013
##	200	0.2070	nan	0.3000	-0.0002
##	220	0.1950	nan	0.3000	-0.0009
##	240	0.1850	nan	0.3000	-0.0005
##	260	0.1720	nan	0.3000	-0.0006
##	280	0.1629	nan	0.3000	-0.0011
##	300	0.1546	nan	0.3000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	•
##	1	1.0307	nan	0.3000	0.1691
##	2	0.8439	nan	0.3000	0.0931
##	3	0.7271	nan	0.3000	0.0539
##	4	0.6341	nan	0.3000	0.0466
##	5	0.5655	nan	0.3000	0.0337
##	6	0.5183	nan	0.3000	0.0248
##	7	0.4754	nan	0.3000	0.0176
##	8	0.4484	nan	0.3000	0.0118
##	9	0.4288	nan	0.3000	0.0082
##	10	0.4150	nan	0.3000	0.0063
##	20	0.3541	nan	0.3000	0.0016
##	40				
		0.3270	nan	0.3000	-0.0024
##	60	0.3083	nan	0.3000	-0.0004
##	80	0.2938	nan	0.3000	-0.0001
##	100	0.2803	nan	0.3000	-0.0010
##	120	0.2634	nan	0.3000	-0.0012
##	140	0.2515	nan	0.3000	-0.0011
##	160	0.2384	nan	0.3000	-0.0021
##	180	0.2265	nan	0.3000	-0.0011
##	200	0.2164	nan	0.3000	-0.0026
##	220	0.2097		0.3000	-0.0020
			nan		
##	240	0.2004	nan	0.3000	-0.0010
##	260	0.1882	nan	0.3000	-0.0013
##	280	0.1810	nan	0.3000	-0.0001
##	300	0.1701	nan	0.3000	-0.0010
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	
##	1	1.0360	nan	0.3000	0.1596

##	2	0.8437	nan	0.3000	0.0945
##	3	0.7158	nan	0.3000	0.0604
##	4	0.6255	nan	0.3000	0.0392
##	5	0.5636	nan	0.3000	0.0270
##	6	0.5157	nan	0.3000	0.0218
##	7	0.4770	nan	0.3000	0.0178
##	8	0.4579	nan	0.3000	0.0173
##	9	0.4337		0.3000	0.0074
	10		nan		
##		0.4193	nan	0.3000	0.0058
##	20	0.3595	nan	0.3000	-0.0007
##	40	0.3290	nan	0.3000	-0.0007
##	60	0.3139	nan	0.3000	-0.0011
##	80	0.2994	nan	0.3000	-0.0017
##	100	0.2824	nan	0.3000	-0.0006
##	120	0.2713	nan	0.3000	-0.0010
##	140	0.2592	nan	0.3000	-0.0017
##	160	0.2469	nan	0.3000	-0.0013
##	180	0.2330	nan	0.3000	-0.0009
##	200	0.2230	nan	0.3000	-0.0007
##	220	0.2141	nan	0.3000	-0.0017
##	240	0.2056	nan	0.3000	-0.0008
##	260	0.1988	nan	0.3000	-0.0009
##	280	0.1915	nan	0.3000	-0.0009
##	300	0.1856	nan	0.3000	-0.0003
##	300	0.1030	nan	0.3000	-0.0005
##	Iter	TrainDoviones	ValidDeviance	StanSiza	Improve
		TrainDeviance		StepSize	•
##	1	1.0226	nan	0.3000	0.1696
##	2	0.8277	nan	0.3000	0.0904
##	3	0.7120	nan	0.3000	0.0550
##	4	0.6247	nan	0.3000	0.0401
##	5	0.5544	nan	0.3000	0.0343
##	6	0.5086	nan	0.3000	0.0217
##	7	0.4720	nan	0.3000	0.0184
##	8	0.4435	nan	0.3000	0.0111
##	9	0.4237	nan	0.3000	0.0073
##	10	0.4022	nan	0.3000	0.0076
##	20	0.3499	nan	0.3000	0.0006
##	40	0.3185	nan	0.3000	-0.0007
##	60	0.3045	nan	0.3000	-0.0016
##	80	0.2916	nan	0.3000	-0.0028
##	100	0.2767	nan	0.3000	-0.0013
##	120	0.2657	nan	0.3000	-0.0020
##	140	0.2552	nan	0.3000	-0.0007
##	160	0.2443	nan	0.3000	-0.0014
##	180	0.2374	nan	0.3000	-0.0014
##	200	0.2299	nan	0.3000	-0.0011
##	220	0.2232	nan	0.3000	-0.0010
##	240	0.2153		0.3000	-0.0010
			nan		
##	260	0.2063	nan	0.3000 0.3000	-0.0027
##	280	0.1969	nan		-0.0007
##	300	0.1906	nan	0.3000	-0.0011
##	T+	Taniabaniaaaa	V-1 - dD	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0081	nan	0.3000	0.1771
##	2	0.8069	nan	0.3000	0.0951
##	3	0.6737	nan	0.3000	0.0670
##	4	0.5917	nan	0.3000	0.0374
##	5	0.5299	nan	0.3000	0.0281
##	6	0.4894	nan	0.3000	0.0155
##	7	0.4632	nan	0.3000	0.0106
##	8	0.4349	nan	0.3000	0.0106
##	9	0.4085	nan	0.3000	0.0108
##	10	0.3990	nan	0.3000	0.0024
##	20	0.3345	nan	0.3000	-0.0017
##	40	0.2851	nan	0.3000	-0.0002
##	60	0.2555	nan	0.3000	-0.0008
##	80	0.2311	nan	0.3000	-0.0011
##	100	0.2144	nan	0.3000	-0.0006
##	120	0.1941	nan	0.3000	-0.0017
##	140	0.1757	nan	0.3000	-0.0007
##	160	0.1615	nan	0.3000	-0.0007
##	180	0.1514		0.3000	-0.0013
##	200	0.1314	nan	0.3000	-0.0007
			nan		-0.0007
##	220	0.1248	nan	0.3000	
##	240	0.1164	nan	0.3000	-0.0006
##	260	0.1078	nan	0.3000	-0.0004
##	280	0.0997	nan	0.3000	-0.0007
##	300	0.0931	nan	0.3000	-0.0007
##					

					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0059	nan	0.3000	0.1727
##	2	0.8140	nan	0.3000	0.0901
##	3	0.6887	nan	0.3000	0.0611
##	4	0.5905	nan	0.3000	0.0464
##	5	0.5316	nan	0.3000	0.0243
##	6	0.4861	nan	0.3000	0.0208
##	7	0.4516	nan	0.3000	0.0144
##	8	0.4251	nan	0.3000	0.0113
##	9	0.4076	nan	0.3000	0.0063
##	10	0.3959	nan	0.3000	0.0042
##	20	0.3469	nan	0.3000	-0.0008
##	40	0.3120		0.3000	-0.0001
			nan		
##	60	0.2781	nan	0.3000	-0.0007
##	80	0.2575	nan	0.3000	-0.0017
##	100	0.2350	nan	0.3000	-0.0015
##	120	0.2152	nan	0.3000	-0.0009
##	140	0.2011	nan	0.3000	-0.0009
##	160	0.1860	nan	0.3000	-0.0017
##	180	0.1745	nan	0.3000	-0.0010
##	200	0.1617	nan	0.3000	-0.0001
##	220	0.1530	nan	0.3000	-0.0009
##	240	0.1446	nan	0.3000	-0.0010
##	260	0.1376	nan	0.3000	-0.0016
					-0.0010
##	280	0.1287	nan	0.3000	
##	300	0.1226	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0102	nan	0.3000	0.1741
##	2	0.8092	nan	0.3000	0.0992
##	3	0.6770	nan	0.3000	0.0628
##	4	0.5948	nan	0.3000	0.0362
##	5	0.5251	nan	0.3000	0.0290
##	6	0.4770	nan	0.3000	0.0208
##	7	0.4479	nan	0.3000	0.0143
##	8	0.4257		0.3000	0.0064
			nan		
##	9	0.4075	nan	0.3000	0.0078
##	10	0.3959	nan	0.3000	0.0034
##	20	0.3400	nan	0.3000	-0.0025
##	40	0.2992	nan	0.3000	-0.0016
##	60	0.2702	nan	0.3000	-0.0015
##	80	0.2516	nan	0.3000	-0.0021
##	100	0.2347	nan	0.3000	-0.0021
##	120	0.2179	nan	0.3000	-0.0010
##	140	0.2041	nan	0.3000	-0.0017
##	160	0.1908	nan	0.3000	-0.0006
##	180	0.1798	nan	0.3000	-0.0013
##	200	0.1682	nan	0.3000	-0.0009
##	220	0.1584	nan	0.3000	-0.0015
##					-0.0013
	240	0.1511	nan	0.3000	
##	260	0.1455	nan	0.3000	-0.0004
##	280	0.1353	nan	0.3000	-0.0024
##	300	0.1296	nan	0.3000	-0.0013
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0115	nan	0.3000	0.1767
##	2	0.8135	nan	0.3000	0.0952
##	3	0.6774	nan	0.3000	0.0638
##	4	0.5956	nan	0.3000	0.0385
##	5	0.5291	nan	0.3000	0.0283
##	6	0.4827	nan	0.3000	0.0206
##	7	0.4498	nan	0.3000	0.0132
##	8	0.4273	nan	0.3000	0.0084
##	9	0.4083	nan	0.3000	0.0067
	10				
##		0.3995	nan	0.3000	0.0023
##	20	0.3460	nan	0.3000	-0.0012
##	40	0.3051	nan	0.3000	-0.0003
##	60	0.2818	nan	0.3000	-0.0015
##	80	0.2628	nan	0.3000	-0.0014
##	100	0.2422	nan	0.3000	-0.0009
##	120	0.2269	nan	0.3000	-0.0023
##	140	0.2137	nan	0.3000	-0.0019
##	160	0.1996	nan	0.3000	-0.0021
##	180	0.1880	nan	0.3000	-0.0010
##	200	0.1786	nan	0.3000	-0.0011
##	220	0.1673	nan	0.3000	-0.0011
##	240	0.1564		0.3000	-0.0007
	260		nan		-0.0003
##		0.1484	nan	0.3000	
##	280	0.1410	nan	0.3000	-0.0008

##	300	0.1334	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9997	nan	0.3000	0.1745
##	2	0.7872	nan	0.3000	0.0996
##	3	0.6596	nan	0.3000	0.0606
##	4	0.5686	nan	0.3000	0.0421
##	5	0.5110	nan	0.3000	0.0252
##	6	0.4646	nan	0.3000	0.0175
##	7	0.4321	nan	0.3000	0.0125
##	8	0.4141	nan	0.3000	0.0038
##	9	0.4013	nan	0.3000	0.0030
##	10	0.3856	nan	0.3000	0.0041
##	20	0.3240	nan	0.3000	-0.0022
##	40	0.2745	nan	0.3000	-0.0021
##	60	0.2364	nan	0.3000	-0.0034
##	80	0.2129	nan	0.3000	-0.0009
##	100	0.1844	nan	0.3000	-0.0009
##	120	0.1619	nan	0.3000	-0.0012
##	140	0.1418	nan	0.3000	-0.0008
##	160	0.1250	nan	0.3000	-0.0009
##	180	0.1110	nan	0.3000	-0.0005
##	200	0.1024	nan	0.3000	-0.0008
##	220	0.0940	nan	0.3000	-0.0012
##	240	0.0866	nan	0.3000	-0.0014
##	260	0.0781	nan	0.3000	-0.0005
##	280	0.0701	nan	0.3000	-0.0006
##	300	0.0640	nan	0.3000	-0.0002
##	500	0.0040	nun	0.5000	-0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0063	nan	0.3000	0.1776
##	2	0.7964	nan	0.3000	0.1770
##	3	0.6664	nan	0.3000	0.1616
##	4	0.5782		0.3000	0.0403
##	5	0.5220	nan		
##	6		nan	0.3000	0.0246
		0.4799	nan	0.3000	0.0201
##	7	0.4487	nan	0.3000	0.0122
##	8	0.4220	nan	0.3000	0.0110
##	9	0.4037	nan	0.3000	0.0061
##	10	0.3872	nan	0.3000	0.0004
##	20	0.3219	nan	0.3000	-0.0031
##	40	0.2797	nan	0.3000	-0.0015
##	60	0.2375	nan	0.3000	-0.0014
##	80	0.2127	nan	0.3000	-0.0026
##	100	0.1897	nan	0.3000	-0.0017
##	120	0.1702	nan	0.3000	-0.0013
##	140	0.1557	nan	0.3000	-0.0010
##	160	0.1414	nan	0.3000	-0.0012
##	180	0.1280	nan	0.3000	-0.0005
##	200	0.1156	nan	0.3000	-0.0006
##	220	0.1053	nan	0.3000	-0.0011
##	240	0.0963	nan	0.3000	-0.0009
##	260	0.0867	nan	0.3000	-0.0006
##	280	0.0788	nan	0.3000	-0.0004
##	300	0.0734	nan	0.3000	-0.0006
##	- .			a. a.	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9983	nan	0.3000	0.1827
##	2	0.7984	nan	0.3000	0.0969
##	3	0.6645	nan	0.3000	0.0613
##	4	0.5796	nan	0.3000	0.0386
##	5	0.5161	nan	0.3000	0.0308
##	6	0.4703	nan	0.3000	0.0190
##	7	0.4402	nan	0.3000	0.0092
##	8	0.4161	nan	0.3000	0.0095
##	9	0.3990	nan	0.3000	0.0060
##	10	0.3832	nan	0.3000	0.0056
##	20	0.3257	nan	0.3000	-0.0031
##	40	0.2788	nan	0.3000	-0.0015
##	60	0.2541	nan	0.3000	-0.0025
##	80	0.2247	nan	0.3000	-0.0012
##	100	0.2088	nan	0.3000	-0.0025
##	120	0.1850	nan	0.3000	-0.0012
##	140	0.1683	nan	0.3000	-0.0010
##	160	0.1545	nan	0.3000	-0.0016
##	180	0.1421	nan	0.3000	-0.0011
##	200	0.1308	nan	0.3000	-0.0016
##	220	0.1222	nan	0.3000	-0.0009
##	240	0.1119	nan	0.3000	-0.0016

##	260	0.1044	nan	0.3000	-0.0005
##	280	0.0964	nan	0.3000	-0.0013
##	300	0.0889	nan	0.3000	-0.0010
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0013	nan	0.3000	0.1807
##	2	0.7961	nan	0.3000	0.1013
##	3	0.6604	nan	0.3000	0.0677
##	4	0.5747	nan	0.3000	0.0406
##	5	0.5079	nan	0.3000	0.0302
##	6	0.4626		0.3000	0.0302
	7		nan		
##		0.4301	nan	0.3000	0.0148
##	8	0.4109	nan	0.3000	0.0058
##	9	0.3965	nan	0.3000	0.0036
##	10	0.3829	nan	0.3000	0.0041
##	20	0.3338	nan	0.3000	-0.0030
##	40	0.2851	nan	0.3000	-0.0018
##	60	0.2553	nan	0.3000	-0.0014
##	80	0.2333	nan	0.3000	-0.0020
##	100	0.2145	nan	0.3000	-0.0017
##	120	0.1902	nan	0.3000	-0.0016
	140				
##		0.1722	nan	0.3000	-0.0020
##	160	0.1569	nan	0.3000	-0.0012
##	180	0.1427	nan	0.3000	-0.0016
##	200	0.1323	nan	0.3000	-0.0010
##	220	0.1230	nan	0.3000	-0.0009
##	240	0.1125	nan	0.3000	-0.0008
##	260	0.1050	nan	0.3000	-0.0011
##	280	0.0974	nan	0.3000	-0.0014
##	300	0.0904	nan	0.3000	-0.0006
##	500	0.000.		0.5000	0.000
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
	1			•	-
##		1.3535	nan	0.0100	0.0058
##	2	1.3419	nan	0.0100	0.0057
##	3	1.3306	nan	0.0100	0.0056
##	4	1.3196	nan	0.0100	0.0054
##	5	1.3088	nan	0.0100	0.0053
##	6	1.2984	nan	0.0100	0.0052
##	7	1.2883	nan	0.0100	0.0051
##	8	1.2781	nan	0.0100	0.0051
##	9	1.2680	nan	0.0100	0.0049
##	10	1.2581	nan	0.0100	0.0048
##					0.0040
	20	1.1702	nan	0.0100	
##	40	1.0343	nan	0.0100	0.0029
##	60	0.9354	nan	0.0100	0.0020
##	80	0.8584	nan	0.0100	0.0017
##	100	0.7956	nan	0.0100	0.0013
##	120	0.7440	nan	0.0100	0.0011
##	140	0.7007	nan	0.0100	0.0009
##	160	0.6638	nan	0.0100	0.0008
##	180	0.6335	nan	0.0100	0.0007
##	200	0.6060	nan	0.0100	0.0006
##	220	0.5824	nan	0.0100	0.0005
##	240	0.5619	nan	0.0100	0.0004
##	260	0.5437		0.0100	0.0004
			nan		
##	280	0.5273	nan	0.0100	0.0004
##	300	0.5128	nan	0.0100	0.0003
##	T1 -	Tundan Diri	V=1:45 · ·	C±C.	т
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3534	nan	0.0100	0.0058
##	2	1.3419	nan	0.0100	0.0057
##	3	1.3307	nan	0.0100	0.0056
##	4	1.3195	nan	0.0100	0.0055
##	5	1.3087	nan	0.0100	0.0054
##	6	1.2982	nan	0.0100	0.0053
##	7	1.2881	nan	0.0100	0.0051
##	8	1.2779	nan	0.0100	0.0051
##	9	1.2682	nan	0.0100	0.0051
##	10	1.2583	nan	0.0100	0.0049
##	20	1.1705	nan	0.0100	0.0040
##	40	1.0337	nan	0.0100	0.0028
##	60	0.9343	nan	0.0100	0.0021
##	80	0.8576	nan	0.0100	0.0017
##	100	0.7955	nan	0.0100	0.0013
##	120	0.7442	nan	0.0100	0.0011
##	140	0.7012	nan	0.0100	0.0009
##	160	0.6650	nan	0.0100	0.0007
##	180	0.6335	nan	0.0100	0.0007
##	200	0.6064	nan	0.0100	0.0006
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	200	0.0004	Hall	0.0100	3.3000

##	220	0.5831	nan	0.0100	0.0005
##	240	0.5629	nan	0.0100	0.0004
##	260	0.5447	nan	0.0100	0.0004
##	280	0.5281	nan	0.0100	0.0004
##	300	0.5137	nan	0.0100	0.0003
##	300	013137	nan	0.0100	010003
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3537	nan	0.0100	0.0057
##	2	1.3422		0.0100	0.0057
			nan		
##	3	1.3311	nan	0.0100	0.0056
##	4	1.3201	nan	0.0100	0.0055
##	5	1.3096	nan	0.0100	0.0053
##	6	1.2992	nan	0.0100	0.0051
##	7	1.2887	nan	0.0100	0.0051
##	8	1.2785	nan	0.0100	0.0049
##	9	1.2686	nan	0.0100	0.0050
##	10	1.2587	nan	0.0100	0.0049
##	20	1.1706	nan	0.0100	0.0040
##	40	1.0336	nan	0.0100	0.0028
##	60	0.9346	nan	0.0100	0.0021
##	80	0.8569	nan	0.0100	0.0017
##	100	0.7940	nan	0.0100	0.0013
##	120	0.7424	nan	0.0100	0.0011
##	140	0.7000	nan	0.0100	0.0009
##	160	0.6635		0.0100	0.0003
			nan		
##	180	0.6333	nan	0.0100	0.0007
##	200	0.6065	nan	0.0100	0.0006
##	220	0.5830	nan	0.0100	0.0005
##	240	0.5626	nan	0.0100	0.0004
##	260	0.5440	nan	0.0100	0.0004
##	280	0.5279	nan	0.0100	0.0003
##	300	0.5129	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3534	nan	0.0100	0.0057
##	2	1.3419	nan	0.0100	0.0057
##	3	1.3307	nan	0.0100	0.0056
##	4	1.3196	nan	0.0100	0.0054
##	5	1.3086	nan	0.0100	0.0054
##	6	1.2980	nan	0.0100	0.0052
##	7	1.2875	nan	0.0100	0.0051
##	8	1.2775		0.0100	0.0031
			nan		
##	9	1.2680	nan	0.0100	0.0050
##	10	1.2581	nan	0.0100	0.0049
##	20	1.1705	nan	0.0100	0.0039
##	40	1.0339	nan	0.0100	0.0029
##	60	0.9351	nan	0.0100	0.0019
##	80	0.8581	nan	0.0100	0.0016
##	100	0.7952	nan	0.0100	0.0013
##	120	0.7441	nan	0.0100	0.0011
##	140	0.7014	nan	0.0100	0.0009
##	160	0.6649	nan	0.0100	0.0008
##	180	0.6339	nan	0.0100	0.0006
##	200	0.6067	nan	0.0100	0.0005
##	220	0.5834	nan	0.0100	0.0005
##	240	0.5629	nan	0.0100	0.0005
##	260	0.5444	nan	0.0100	0.0004
##	280	0.5281	nan	0.0100	0.0004
##	300	0.5141	nan	0.0100	0.0003
##	300	0.5141	nan	0.0100	0.0002
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	
##	1	1.3524	nan	0.0100	0.0065
##	2	1.3394	nan	0.0100	0.0064
##	3	1.3270	nan	0.0100	0.0062
##	4	1.3142	nan	0.0100	0.0061
##	5	1.3024	nan	0.0100	0.0057
##	6	1.2905	nan	0.0100	0.0058
##	7	1.2793	nan	0.0100	0.0057
##	8	1.2684	nan	0.0100	0.0054
##	9	1.2572	nan	0.0100	0.0055
##	10	1.2460	nan	0.0100	0.0054
##	20	1.1468	nan	0.0100	0.0046
##	40	0.9897	nan	0.0100	0.0032
##	60	0.8743	nan	0.0100	0.0025
##	80	0.7846	nan	0.0100	0.0021
##	100	0.7133	nan	0.0100	0.0021
##	120	0.6553	nan	0.0100	0.0010
##	140	0.6070		0.0100	0.0011
	160	0.5664	nan	0.0100	0.0010
##		0.3004	nan	0.0100	0.0009

##	180	0.5330	nan	0.0100	0.0005
##	200	0.5042	nan	0.0100	0.0005
##	220	0.4802	nan	0.0100	0.0005
##	240	0.4606	nan	0.0100	0.0004
##	260	0.4434	nan	0.0100	0.0004
##	280	0.4297	nan	0.0100	0.0003
##	300	0.4187		0.0100	0.0003
	300	0.4107	nan	0.0100	0.0002
##	T1	T	V-1:45 - 1	61 61	.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3519	nan	0.0100	0.0066
##	2	1.3394	nan	0.0100	0.0063
##	3	1.3269	nan	0.0100	0.0062
##	4	1.3145	nan	0.0100	0.0061
##	5	1.3025	nan	0.0100	0.0057
##	6	1.2904	nan	0.0100	0.0059
##	7	1.2792	nan	0.0100	0.0056
##	8	1.2677	nan	0.0100	0.0055
##	9	1.2562	nan	0.0100	0.0056
##	10	1.2455	nan	0.0100	0.0053
##	20	1.1454	nan	0.0100	0.0046
##	40	0.9886	nan	0.0100	0.0032
##	60	0.8723	nan	0.0100	0.0025
##	80	0.7835		0.0100	0.0023
##	100	0.7108	nan	0.0100	0.0017
			nan		
##	120	0.6524	nan	0.0100	0.0013
##	140	0.6029	nan	0.0100	0.0011
##	160	0.5625	nan	0.0100	0.0008
##	180	0.5290	nan	0.0100	0.0007
##	200	0.5011	nan	0.0100	0.0005
##	220	0.4773	nan	0.0100	0.0005
##	240	0.4577	nan	0.0100	0.0004
##	260	0.4423	nan	0.0100	0.0003
##	280	0.4293	nan	0.0100	0.0002
##	300	0.4177	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3522	nan	0.0100	0.0062
##	2	1.3392	nan	0.0100	0.0063
##	3	1.3270	nan	0.0100	0.0061
##	4	1.3145	nan	0.0100	0.0062
##	5	1.3023	nan	0.0100	0.0058
##	6	1.2906	nan	0.0100	0.0058
##	7	1.2790		0.0100	0.0058
			nan		
##	8	1.2681	nan	0.0100	0.0054
##	9	1.2571	nan	0.0100	0.0054
##	10	1.2462	nan	0.0100	0.0053
##	20	1.1454	nan	0.0100	0.0046
##	40	0.9903	nan	0.0100	0.0031
##	60	0.8746	nan	0.0100	0.0025
##	80	0.7850	nan	0.0100	0.0020
##	100	0.7132	nan	0.0100	0.0016
##	120	0.6539	nan	0.0100	0.0012
##	140	0.6041	nan	0.0100	0.0009
##	160	0.5642	nan	0.0100	0.0006
##	180	0.5295	nan	0.0100	0.0007
##	200	0.5014	nan	0.0100	0.0006
##	220	0.4787	nan	0.0100	0.0006
##	240	0.4584	nan	0.0100	0.0004
##	260	0.4421	nan	0.0100	0.0003
##	280	0.4288	nan	0.0100	0.0003
##	300	0.4174	nan	0.0100	0.0002
##	300	011171	nan	0.0100	010002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3527		0.0100	0.0064
##	2		nan		
		1.3401	nan	0.0100	0.0060
##	3	1.3280	nan	0.0100	0.0059
##	4	1.3155	nan	0.0100	0.0062
##	5	1.3036	nan	0.0100	0.0059
##	6	1.2921	nan	0.0100	0.0059
##	7	1.2804	nan	0.0100	0.0059
##	8	1.2693	nan	0.0100	0.0055
##	9	1.2582	nan	0.0100	0.0056
##	10	1.2473	nan	0.0100	0.0055
##	20	1.1467	nan	0.0100	0.0045
##	40	0.9905	nan	0.0100	0.0032
##	60	0.8731	nan	0.0100	0.0026
##	80	0.7838	nan	0.0100	0.0019
##	100	0.7121	nan	0.0100	0.0015
##	120	0.6532	nan	0.0100	0.0014
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##	140	0.6033	nan	0.0100	0.0010
##	160	0.5629	nan	0.0100	0.0008
##	180	0.5297	nan	0.0100	0.0007
##	200	0.5018	nan	0.0100	0.0006
##	220	0.4789	nan	0.0100	0.0005
##	240	0.4597	nan	0.0100	0.0003
##	260	0.4436	nan	0.0100	0.0004
##	280	0.4299	nan	0.0100	0.0002
##	300	0.4189	nan	0.0100	0.0000
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0068
##	2	1.3380	nan	0.0100	0.0065
##	3	1.3247	nan	0.0100	0.0065
##	4	1.3117	nan	0.0100	0.0065
##	5	1.2993	nan	0.0100	0.0060
##	6	1.2868	nan	0.0100	0.0062
	7				
##		1.2746	nan	0.0100	0.0058
##	8	1.2627	nan	0.0100	0.0059
##	9	1.2508	nan	0.0100	0.0058
##	10	1.2389	nan	0.0100	0.0058
##	20	1.1320	nan	0.0100	0.0049
##	40	0.9658	nan	0.0100	0.0033
##	60	0.8422	nan	0.0100	0.0026
##	80	0.7477	nan	0.0100	0.0019
##	100	0.6722	nan	0.0100	0.0018
##	120	0.6103	nan	0.0100	0.0012
##	140	0.5615	nan	0.0100	0.0009
##	160	0.5224	nan	0.0100	0.0008
##	180	0.4903	nan	0.0100	0.0006
##	200	0.4651	nan	0.0100	0.0004
##	220	0.4451	nan	0.0100	0.0004
##	240	0.4288	nan	0.0100	0.0003
##	260	0.4149	nan	0.0100	0.0002
##	280	0.4037	nan	0.0100	0.0001
##	300	0.3944	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
	1			•	•
##		1.3516	nan	0.0100	0.0066
##	2	1.3382	nan	0.0100	0.0066
##	3	1.3252	nan	0.0100	0.0063
##	4	1.3121	nan	0.0100	0.0064
##	5	1.2995	nan	0.0100	0.0062
##	6	1.2870		0.0100	0.0062
			nan		
##	7	1.2745	nan	0.0100	0.0060
##	8	1.2625	nan	0.0100	0.0058
##	9	1.2506	nan	0.0100	0.0058
##	10	1.2388	nan	0.0100	0.0056
##	20	1.1334	nan	0.0100	0.0049
##	40	0.9673	nan	0.0100	0.0035
	60				
##		0.8434	nan	0.0100	0.0025
##	80	0.7477	nan	0.0100	0.0021
##	100	0.6737	nan	0.0100	0.0017
##	120	0.6129	nan	0.0100	0.0015
##	140	0.5643	nan	0.0100	0.0011
##	160	0.5240	nan	0.0100	0.0008
##	180	0.4917		0.0100	0.0007
			nan		
##	200	0.4660	nan	0.0100	0.0005
##	220	0.4446	nan	0.0100	0.0003
##	240	0.4283	nan	0.0100	0.0003
##	260	0.4144	nan	0.0100	0.0003
##	280	0.4035	nan	0.0100	0.0002
##		0.3937			
	300	U.393/	nan	0.0100	0.0001
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3513	nan	0.0100	0.0067
##	2	1.3376	nan	0.0100	0.0066
##	3	1.3241	nan	0.0100	0.0065
	4				
##		1.3111	nan	0.0100	0.0064
##	5	1.2984	nan	0.0100	0.0063
##	6	1.2858	nan	0.0100	0.0062
##	7	1.2740	nan	0.0100	0.0061
##	8	1.2622	nan	0.0100	0.0059
##	9	1.2506		0.0100	0.0057
			nan		
##	10	1.2389	nan	0.0100	0.0057
##	20	1.1333	nan	0.0100	0.0047
				0 0100	0 0005
##	40	0.9666	nan	0.0100	0.0035
	40 60	0.9666 0.8435		0.0100	0.0035
##			nan nan nan		

##	100	0.6727	nan	0.0100	0.0017
##	120	0.6129	nan	0.0100	0.0012
##	140	0.5642	nan	0.0100	0.0009
##	160	0.5238	nan	0.0100	0.0009
##	180	0.4922	nan	0.0100	0.0005
##	200	0.4669		0.0100	0.0005
			nan		
##	220	0.4466	nan	0.0100	0.0004
##	240	0.4289	nan	0.0100	0.0003
##	260	0.4154	nan	0.0100	0.0001
##	280	0.4042	nan	0.0100	0.0002
##	300	0.3952	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0066
##	2	1.3378	nan	0.0100	0.0066
##	3	1.3243	nan	0.0100	0.0063
##	4	1.3114	nan	0.0100	0.0063
##	5	1.2988		0.0100	0.0062
			nan		
##	6	1.2864	nan	0.0100	0.0060
##	7	1.2742	nan	0.0100	0.0061
##	8	1.2622	nan	0.0100	0.0061
##	9	1.2505	nan	0.0100	0.0058
##	10	1.2389	nan	0.0100	0.0056
##	20	1.1330	nan	0.0100	0.0049
##	40	0.9673	nan	0.0100	0.0033
##	60	0.8432	nan	0.0100	0.0026
##	80	0.7476	nan	0.0100	0.0020
##	100	0.6724	nan	0.0100	0.0017
##	120	0.6118	nan	0.0100	0.0017
##	140	0.5612	nan	0.0100	0.0012
##	160	0.5227	nan	0.0100	0.0009
##	180	0.4914	nan	0.0100	0.0007
##	200	0.4664	nan	0.0100	0.0005
##	220	0.4456	nan	0.0100	0.0004
##	240	0.4292	nan	0.0100	0.0003
##	260	0.4156	nan	0.0100	0.0002
##	280	0.4042	nan	0.0100	0.0002
##	300	0.3947	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3510	nan	0.0100	0.0068
##	2	1.3373		0.0100	0.0000
	_		nan		
##	3	1.3236	nan	0.0100	0.0065
##	4	1.3098	nan	0.0100	0.0065
##	5	1.2967	nan	0.0100	0.0065
##	6	1.2838	nan	0.0100	0.0064
##	7	1.2710	nan	0.0100	0.0064
##					
##	8	1.2583	nan	0.0100	0.0061
	9		nan nan	0.0100 0.0100	
##		1.2583			0.0061
##	9	1.2583 1.2464	nan	0.0100	0.0061 0.0058
	9 10	1.2583 1.2464 1.2345	nan nan	0.0100 0.0100	0.0061 0.0058 0.0058
##	9 10 20	1.2583 1.2464 1.2345 1.1238	nan nan nan	0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051
## ##	9 10 20 40 60	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027
## ## ## ##	9 10 20 40 60 80	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021
## ## ## ##	9 10 20 40 60 80 100	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016
## ## ## ## ##	9 10 20 40 60 80 100	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013
## ## ## ## ##	9 10 20 40 60 80 100 120 140	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013
## ## ## ## ## ##	9 10 20 40 60 80 100 120 140	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008
## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006
## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 180 200	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752	nan nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006
## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 180 200	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006 0.0004 0.0003
## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 180 200 220	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294	nan nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006 0.0004 0.0003
## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 200 220 240	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006 0.0004 0.0003 0.0003
## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 180 200 220	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006 0.0004 0.0003
## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 200 220 240	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006 0.0004 0.0003 0.0003
## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006 0.0004 0.0003 0.0003 0.0002 0.0001
## ## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0006 0.0004 0.0003 0.0003 0.0002 0.0001
## ## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 200 240 260 280 300	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0003 0.0002 0.0001
## ## ## ## ## ## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 200 240 260 280 300 Iter	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 StepSize 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002
## ## ## ## ## ## ## ## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Tmprove 0.0068 0.0070
## ## ## ## ## ## ## ## ## ## ## ## ##	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067 0.0066
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100 1.2967	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0066 0.0066
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100 1.2967 1.2841	nan	0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067 0.0065 0.0065
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100 1.2967 1.2841 1.2710	nan	0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067 0.0065 0.0062 0.0062
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100 1.2967 1.2841 1.2710 1.2589	nan	0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067 0.0066 0.0065 0.0062 0.0064 0.0059
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100 1.2967 1.2841 1.2710 1.2589 1.2465	nan	0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067 0.0065 0.0062 0.0062
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100 1.2967 1.2841 1.2710 1.2589	nan	0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067 0.0066 0.0065 0.0062 0.0064 0.0059
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100 1.2967 1.2841 1.2710 1.2589 1.2465	nan	0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067 0.0065 0.0065 0.0062 0.0064 0.0059 0.0060
######################################	9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	1.2583 1.2464 1.2345 1.1238 0.9519 0.8240 0.7264 0.6505 0.5912 0.5431 0.5044 0.4752 0.4501 0.4294 0.4133 0.4005 0.3896 0.3800 TrainDeviance 1.3516 1.3374 1.3235 1.3100 1.2967 1.2841 1.2710 1.2589 1.2465 1.2344	nan	0.0100 0.0100	0.0061 0.0058 0.0058 0.0051 0.0035 0.0027 0.0021 0.0016 0.0013 0.0011 0.0008 0.0004 0.0003 0.0003 0.0002 0.0001 0.0002 Improve 0.0068 0.0070 0.0067 0.0066 0.0065 0.0062 0.0064 0.0059 0.0060

##	60	0.8252	nan	0.0100	0.0028
##	80	0.7282	nan	0.0100	0.0021
##	100	0.6531	nan	0.0100	0.0015
##	120	0.5933	nan	0.0100	0.0012
##	140	0.5445	nan	0.0100	0.0010
##	160			0.0100	0.0010
		0.5062	nan		
##	180	0.4765	nan	0.0100	0.0005
##	200	0.4524	nan	0.0100	0.0004
##	220	0.4328	nan	0.0100	0.0003
##	240	0.4160	nan	0.0100	0.0003
##	260	0.4028	nan	0.0100	0.0002
##	280	0.3914	nan	0.0100	0.0002
##	300	0.3819	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3510		•	•
			nan	0.0100	0.0071
##	2	1.3370	nan	0.0100	0.0066
##	3	1.3229	nan	0.0100	0.0069
##	4	1.3097	nan	0.0100	0.0066
##	5	1.2964	nan	0.0100	0.0066
##	6	1.2831	nan	0.0100	0.0064
##	7	1.2703	nan	0.0100	0.0062
##	8	1.2577	nan	0.0100	0.0061
##	9	1.2451	nan	0.0100	0.0060
##	10	1.2328	nan	0.0100	0.0059
##	20	1.1235	nan	0.0100	0.0050
##	40	0.9519	nan	0.0100	0.0036
##	60	0.8252	nan	0.0100	0.0027
##	80	0.7281	nan	0.0100	0.0022
##	100	0.6528	nan	0.0100	0.0016
##	120	0.5932	nan	0.0100	0.0012
##	140	0.5457	nan	0.0100	0.0010
##	160	0.5073	nan	0.0100	0.0008
##	180	0.4764	nan	0.0100	0.0006
##	200	0.4515	nan	0.0100	0.0006
##	220	0.4314	nan	0.0100	0.0003
##	240	0.4147	nan	0.0100	0.0003
##	260	0.4018		0.0100	0.0003
			nan		
##	280	0.3908	nan	0.0100	0.0001
##	300	0.3814	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## ##	1	TrainDeviance 1.3509	ValidDeviance nan	StepSize 0.0100	Improve 0.0070
	1 2				•
##	1	1.3509	nan	0.0100	0.0070
## ##	1 2	1.3509 1.3368	nan nan	0.0100 0.0100	0.0070 0.0070
## ## ##	1 2 3 4	1.3509 1.3368 1.3232 1.3096	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066
## ## ## ##	1 2 3 4 5	1.3509 1.3368 1.3232 1.3096 1.2966	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064
## ## ## ## ##	1 2 3 4 5 6	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063
## ## ## ## ##	1 2 3 4 5 6 7	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060 0.0061 0.0049
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060 0.0061 0.0049 0.0036
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260	nan nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534	nan nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008 0.0007 0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008 0.0007 0.0005 0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167	nan	0.0100 0.0100	0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008 0.0007 0.0005 0.0005 0.0004
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 260 260 260 260 260 260 260 260 26	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0060 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008 0.0007 0.0005 0.0005 0.0003 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 240 240 260 240 260 280 280 280 280 280 280 280 280 280 28	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008 0.0007 0.0005 0.0005 0.0001 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 260 260 260 260 260 260 260 260 26	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0060 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008 0.0007 0.0005 0.0005 0.0003 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 240 260 240 260 280 300 300 300 300 300 300 300 300 300 3	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0021 0.0012 0.0012 0.0005 0.0005 0.0005 0.0004 0.0003 0.0001 0.0002 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0012 0.0005 0.0005 0.0005 0.0004 0.0003 0.0001 0.0002 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0021 0.0012 0.0012 0.0005 0.0005 0.0005 0.0004 0.0003 0.0001 0.0002 0.0001
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0012 0.0005 0.0005 0.0005 0.0004 0.0003 0.0001 0.0002 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance 1.2516	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0021 0.0012 0.0012 0.0005 0.0005 0.0005 0.0001 0.0002 0.0001
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance 1.2516 1.1629	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008 0.0007 0.0005 0.0005 0.0004 0.0003 0.0001 0.0002 0.0001 Improve 0.0553 0.0443
#######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance 1.2516 1.1629 1.0857	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0060 0.0060 0.0061 0.0049 0.0036 0.0021 0.0012 0.0008 0.0007 0.0005 0.0005 0.0001 0.0002 0.0001 Improve 0.0553 0.0443 0.0378
#######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance 1.2516 1.1629 1.0857 1.0219	nan	0.0100 0.0100	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0008 0.0007 0.0005 0.0005 0.0004 0.0003 0.0001 0.0002 0.0001 Improve 0.0553 0.0443 0.0378 0.0311
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4 5	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance 1.2516 1.1629 1.0857 1.0219 0.9694 0.9250	nan	0.0100 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000	0.0070 0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0001 Improve 0.0553 0.0443 0.0378 0.0311 0.0264 0.0225
#######################################	1 2 3 4 4 5 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 4 5 6 7 7	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance 1.2516 1.1629 1.0857 1.0219 0.9694 0.9250 0.8855	nan	0.0100 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0005 0.0005 0.0005 0.0005 0.0005 0.0001 Improve 0.0553 0.0443 0.0378 0.0311 0.0264 0.0225 0.0184
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 4 5 5 6 6 7 8 8	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance 1.2516 1.1629 1.0857 1.0219 0.9694 0.9250 0.8855 0.8486	nan	0.0100 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0005 0.0005 0.0005 0.0005 0.0005 0.0001 Improve 0.0553 0.0443 0.0378 0.0311 0.0264 0.0225 0.0184 0.0182
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 4 5 6 6 7	1.3509 1.3368 1.3232 1.3096 1.2966 1.2840 1.2713 1.2590 1.2469 1.2348 1.1253 0.9538 0.8260 0.7290 0.6534 0.5928 0.5457 0.5078 0.4768 0.4768 0.4522 0.4327 0.4167 0.4034 0.3919 0.3833 TrainDeviance 1.2516 1.1629 1.0857 1.0219 0.9694 0.9250 0.8855	nan	0.0100 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000 0.01000	0.0070 0.0070 0.0070 0.0066 0.0067 0.0064 0.0063 0.0062 0.0060 0.0061 0.0049 0.0036 0.0028 0.0021 0.0016 0.0012 0.0005 0.0005 0.0005 0.0005 0.0005 0.0001 Improve 0.0553 0.0443 0.0378 0.0311 0.0264 0.0225 0.0184

##	20	0.6004	nan	0.1000	0.0056
##	40	0.4568	nan	0.1000	0.0015
##	60	0.4045	nan	0.1000	0.0008
##	80	0.3734	nan	0.1000	-0.0000
##	100	0.3597	nan	0.1000	-0.0001
##	120	0.3510		0.1000	0.0001
			nan		
##	140	0.3440	nan	0.1000	-0.0002
##	160	0.3396	nan	0.1000	-0.0002
##	180	0.3359	nan	0.1000	-0.0002
##	200	0.3331	nan	0.1000	-0.0004
##	220	0.3307	nan	0.1000	-0.0003
##	240	0.3278	nan	0.1000	-0.0004
##	260	0.3255	nan	0.1000	-0.0004
##	280	0.3228	nan	0.1000	-0.0001
##	300	0.3203	nan	0.1000	0.0000
##	300	0.3203	nan	0.1000	0.0000
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2521		•	
			nan	0.1000	0.0553
##	2	1.1632	nan	0.1000	0.0453
##	3	1.0858	nan	0.1000	0.0373
##	4	1.0226	nan	0.1000	0.0310
##	5	0.9718	nan	0.1000	0.0258
##	6	0.9252	nan	0.1000	0.0217
##	7	0.8851	nan	0.1000	0.0188
##	8	0.8471	nan	0.1000	0.0189
##	9	0.8151	nan	0.1000	0.0157
##	10	0.7861	nan	0.1000	0.0136
##	20	0.6000	nan	0.1000	0.0057
##	40	0.4545	nan	0.1000	0.0037
##	60	0.4007	nan	0.1000	0.0021
##	80	0.3738	nan	0.1000	0.0001
##	100	0.3593	nan	0.1000	-0.0000
##	120	0.3500	nan	0.1000	0.0003
##	140	0.3449	nan	0.1000	-0.0001
##	160	0.3413	nan	0.1000	-0.0001
##	180	0.3378	nan	0.1000	-0.0003
##	200	0.3345	nan	0.1000	-0.0008
##	220	0.3321	nan	0.1000	-0.0005
##	240	0.3295	nan	0.1000	-0.0002
##	260	0.3265	nan	0.1000	-0.0005
##	280	0.3242	nan	0.1000	-0.0003
##	300	0.3225	nan	0.1000	-0.0003
	300	0.3223	IIaii	0.1000	-0.0004
##	Ttor	TrainDeviance	ValidDoviance	C+onCizo	Tmprovo
	Iter		ValidDeviance	StepSize	Improve
##	1	1.2511	nan	0.1000	0.0548
##	2	1.1614	nan	0.1000	0.0459
##	3	1.0851	nan	0.1000	0.0370
##	4	1.0227	nan	0.1000	0.0313
##	5	0.9725	nan	0.1000	0.0264
##	6	0.9285	nan	0.1000	0.0222
##	7	0.8866	nan	0.1000	0.0200
##	8	0.8504	nan	0.1000	0.0175
##	9	0.8177	nan	0.1000	0.0155
##	10	0.7864	nan	0.1000	0.0148
##	20	0.6023	nan	0.1000	0.0052
##	40	0.4554	nan	0.1000	0.0018
##	60	0.4012	nan	0.1000	0.0008
##	80	0.3722	nan	0.1000	0.0001
##	100	0.3585	nan	0.1000	0.0004
##	120	0.3506	nan	0.1000	-0.0004
##	140	0.3436		0.1000	-0.0003
			nan		
##	160	0.3393	nan	0.1000	-0.0002
##	180	0.3350	nan	0.1000	-0.0004
##	200	0.3326	nan	0.1000	-0.0004
##	220	0.3300	nan	0.1000	-0.0003
##	240	0.3277	nan	0.1000	-0.0007
##	260	0.3247	nan	0.1000	-0.0002
##	280	0.3227	nan	0.1000	-0.0004
##	300	0.3210	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2561	nan	0.1000	0.0549
##	2	1.1633	nan	0.1000	0.0456
##	3	1.0869	nan	0.1000	0.0371
##	4	1.0237		0.1000	0.0371
##	4 5		nan		0.0313
	6	0.9703	nan	0.1000	
##		0.9248	nan	0.1000	0.0212
##	7	0.8866	nan	0.1000	0.0191
	8	0.8484	nan	0.1000	0.0179
##	U				

##	9	0.8173	nan	0.1000	0.0149
##	10	0.7857	nan	0.1000	0.0156
##	20	0.6023	nan	0.1000	0.0057
	40				
##		0.4572	nan	0.1000	0.0011
##	60	0.3993	nan	0.1000	0.0009
##	80	0.3724	nan	0.1000	0.0006
##	100	0.3569	nan	0.1000	0.0003
##	120	0.3480	nan	0.1000	0.0001
##	140	0.3425	nan	0.1000	-0.0004
##	160	0.3383	nan	0.1000	-0.0001
##	180	0.3350	nan	0.1000	-0.0002
##	200	0.3330	nan	0.1000	-0.0003
##	220	0.3300	nan	0.1000	-0.0001
##	240	0.3279	nan	0.1000	-0.0004
##	260	0.3258	nan	0.1000	-0.0001
##	280	0.3235	nan	0.1000	-0.0000
##	300	0.3210	nan	0.1000	-0.0002
##	300	0.5210	nan	0.1000	-0.0002
	T1	T	V-114D-11	61 61	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2399	nan	0.1000	0.0600
##	2	1.1391	nan	0.1000	0.0494
##	3	1.0531	nan	0.1000	0.0424
##	4	0.9802	nan	0.1000	0.0348
##	5	0.9161	nan	0.1000	0.0307
	6				
##		0.8619	nan	0.1000	0.0264
##	7	0.8129	nan	0.1000	0.0240
##	8	0.7690	nan	0.1000	0.0199
##	9	0.7311	nan	0.1000	0.0177
##	10	0.6994	nan	0.1000	0.0144
##	20	0.4972	nan	0.1000	0.0047
##	40	0.3804	nan	0.1000	0.0001
##	60	0.3545	nan	0.1000	0.0000
##	80	0.3411	nan	0.1000	-0.0003
##	100	0.3316	nan	0.1000	-0.0006
##	120	0.3217	nan	0.1000	-0.0000
##	140	0.3120	nan	0.1000	-0.0000
##	160	0.3043	nan	0.1000	-0.0004
	180				
##		0.2969	nan	0.1000	-0.0002
##	200	0.2879	nan	0.1000	-0.0005
##	220	0.2814	nan	0.1000	-0.0001
##	240	0.2740	nan	0.1000	-0.0007
##	260	0.2669	nan	0.1000	-0.0004
##	280	0.2617	nan	0.1000	-0.0003
##	300	0.2551	nan	0.1000	-0.0004
##	300	012331	nan	0.1000	0.000.
	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmnrava
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2436	nan	0.1000	0.0591
##	2	1 1/00	nan		
##		1.1409		0.1000	0.0495
##	3	1.0546	nan	0.1000	0.0495 0.0426
	3 4		nan nan		
##	4	1.0546 0.9819	nan	0.1000 0.1000	0.0426 0.0353
	4 5	1.0546 0.9819 0.9228	nan nan	0.1000 0.1000 0.1000	0.0426 0.0353 0.0288
##	4 5 6	1.0546 0.9819 0.9228 0.8674	nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271
## ##	4 5 6 7	1.0546 0.9819 0.9228 0.8674 0.8190	nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219
## ## ##	4 5 6 7 8	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190
## ## ## ##	4 5 6 7 8 9	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190
## ## ##	4 5 6 7 8 9	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190
## ## ## ##	4 5 6 7 8 9	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190
## ## ## ##	4 5 6 7 8 9	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166
## ## ## ## ##	4 5 6 7 8 9 10 20 40	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0006
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0196 0.0166 0.0059 0.0006
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0196 0.0059 0.0006 -0.0000
## ## ## ## ## ##	4 5 6 6 7 7 8 8 9 100 200 400 600 800 1000	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355	nan nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0196 0.0059 0.0006 -0.0000 -0.0002 -0.0005
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239	nan nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0196 0.0059 0.0006 -0.0000 -0.0002 -0.0005 -0.0000
## ## ## ## ## ##	4 5 6 6 7 7 8 8 9 100 200 400 600 800 1000	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355	nan nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0196 0.0059 0.0006 -0.0000 -0.0002 -0.0005
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239	nan nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0196 0.0059 0.0006 -0.0000 -0.0002 -0.0005 -0.0000
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0002 -0.0005 -0.0000 -0.0005
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0196 0.0059 0.0006 -0.0000 -0.0002 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005
## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0000 -0.0000 -0.0005 -0.0005 -0.0005 -0.0001 -0.0002 -0.0001 -0.0002 -0.0000
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0005 -0.0005 -0.0005 -0.0001 -0.0002 -0.0002 -0.0003 -0.0003 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3557 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0000 -0.0000 -0.0005 -0.0005 -0.0005 -0.0001 -0.0002 -0.0001 -0.0002 -0.0000
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0005 -0.0005 -0.0005 -0.0001 -0.0002 -0.0002 -0.0003 -0.0003 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3557 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0000 -0.0000 -0.0005 -0.0000 -0.0001 -0.0002 -0.0001 -0.0005 -0.0000
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575 0.2523	nan	0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0000 -0.0000 -0.0005 -0.0000 -0.0001 -0.0002 -0.0003 -0.0005 -0.0003 -0.0005 -0.0001 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3557 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575 0.2523	nan	0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0000 -0.0000 -0.0005 -0.0000 -0.0001 -0.0002 -0.0003 -0.0005 -0.0001 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575 0.2523 TrainDeviance 1.2401	nan	0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0000 -0.0000 -0.0005 -0.0000 -0.0001 -0.0002 -0.0001 -0.0005 -0.0001 -0.0004 Improve 0.0607
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575 0.2523 TrainDeviance 1.2401 1.1395	nan	0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0005 -0.0005 -0.0003 -0.0001 -0.0002 -0.0005 -0.0001 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575 0.2523 TrainDeviance 1.2401	nan	0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0000 -0.0000 -0.0005 -0.0000 -0.0001 -0.0002 -0.0001 -0.0005 -0.0001 -0.0004 Improve 0.0607
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575 0.2523 TrainDeviance 1.2401 1.1395	nan	0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0005 -0.0005 -0.0003 -0.0001 -0.0002 -0.0005 -0.0001 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575 0.2523 TrainDeviance 1.2401 1.1395 1.0511	nan	0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0005 -0.0000 -0.0003 -0.0003 -0.0005 -0.0001 -0.0005 -0.0001 -0.0005
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4	1.0546 0.9819 0.9228 0.8674 0.8190 0.7798 0.7386 0.7057 0.5024 0.3804 0.3507 0.3355 0.3239 0.3137 0.3055 0.2963 0.2891 0.2821 0.2756 0.2682 0.2627 0.2575 0.2523 TrainDeviance 1.2401 1.1395 1.0511 0.9787	nan	0.1000 0.1000	0.0426 0.0353 0.0288 0.0271 0.0219 0.0190 0.0190 0.0166 0.0059 0.0006 -0.0000 -0.0005 -0.0003 -0.0001 -0.0005 -0.0003 -0.0005 -0.0001 -0.0005 -0.0001 -0.0005

##	7	0.8219	nan	0.1000	0.0230
##	8	0.7766	nan	0.1000	0.0211
##	9	0.7408	nan	0.1000	0.0171
##	10	0.7080	nan	0.1000	0.0155
##	20	0.5029	nan	0.1000	0.0054
##	40	0.3851	nan	0.1000	0.0002
##	60	0.3540	nan	0.1000	-0.0000
##	80	0.3390	nan	0.1000	-0.0001
##	100	0.3288		0.1000	0.0001
			nan		
##	120	0.3188	nan	0.1000	-0.0004
##	140	0.3112	nan	0.1000	-0.0001
##	160	0.3011	nan	0.1000	-0.0005
##	180	0.2929	nan	0.1000	-0.0005
##	200	0.2864	nan	0.1000	0.0001
##	220	0.2794	nan	0.1000	-0.0006
##	240	0.2754	nan	0.1000	-0.0004
##	260	0.2688	nan	0.1000	-0.0003
##	280	0.2617	nan	0.1000	-0.0002
##	300	0.2577	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2415	nan	0.1000	0.0611
##	2	1.1386	nan	0.1000	0.0495
##	3	1.0530	nan	0.1000	0.0408
##	4	0.9804	nan	0.1000	0.0346
##	5	0.9187		0.1000	0.0295
##	6	0.8672	nan	0.1000	0.0295
	о 7		nan		
##		0.8154	nan	0.1000	0.0246
##	8	0.7729	nan	0.1000	0.0206
##	9	0.7369	nan	0.1000	0.0166
##	10	0.7049	nan	0.1000	0.0168
##	20	0.4980	nan	0.1000	0.0061
##	40	0.3837	nan	0.1000	0.0007
##	60	0.3527	nan	0.1000	-0.0006
##	80	0.3395	nan	0.1000	-0.0002
##	100	0.3278	nan	0.1000	-0.0005
##	120	0.3195	nan	0.1000	-0.0002
##	140	0.3117	nan	0.1000	-0.0002
##	160	0.3032	nan	0.1000	-0.0001
##	180	0.2973	nan	0.1000	-0.0003
##	200	0.2933	nan	0.1000	-0.0002
##	220	0.2880	nan	0.1000	-0.0003
##	240	0.2813	nan	0.1000	-0.0007
##	260	0.2758	nan	0.1000	-0.0007
##	280	0.2704	nan	0.1000	-0.0005
##	300	0.2659	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2310	nan	0.1000	0.0638
##	2	1.1223	nan	0.1000	0.0535
##	3	1.0290	nan	0.1000	0.0458
##	4	0.9530		0.1000	0.0369
##	5	0.8886	nan	0.1000	0.0309
			nan		
##	6	0.8319	nan	0.1000	0.0270
##	7	0.7825	nan	0.1000	0.0229
##	8	0.7409	nan	0.1000	0.0204
##	9	0.6990	nan	0.1000	0.0200
##	10	0.6662	nan	0.1000	0.0157
##	20	0.4677	nan	0.1000	0.0045
##	40	0.3636	nan	0.1000	0.0006
##	60	0.3339	nan	0.1000	0.0000
##	80	0.3114	nan	0.1000	-0.0005
##	100	0.2980	nan	0.1000	-0.0012
##	120	0.2850	nan	0.1000	-0.0002
##	140	0.2710	nan	0.1000	-0.0003
##	160	0.2587	nan	0.1000	-0.0002
##	180	0.2482	nan	0.1000	-0.0001
##	200	0.2387	nan	0.1000	-0.0004
##	220	0.2290	nan	0.1000	-0.0002
##	240	0.2217	nan	0.1000	-0.0001
##	260	0.2134	nan	0.1000	-0.0001
##	280	0.2074	nan	0.1000	-0.0002
##	300	0.1995	nan	0.1000	-0.0002
##	500	0.1333	iidii	3.1000	210005
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
1111	± CC1		nan	0.1000	0.0631
##	1	1 2318			
##	1 2	1.2318 1.1256			
##	2	1.1256	nan	0.1000	0.0522

##	5	0.8858	nan	0.1000	0.0312
##	6	0.8276	nan	0.1000	0.0278
##	7	0.7792	nan	0.1000	0.0235
##	8	0.7391	nan	0.1000	0.0193
##	9	0.6986	nan	0.1000	0.0202
##					
	10	0.6622	nan	0.1000	0.0171
##	20	0.4656	nan	0.1000	0.0053
##	40	0.3650	nan	0.1000	0.0005
##	60	0.3336	nan	0.1000	-0.0007
##	80	0.3122	nan	0.1000	-0.0005
##	100	0.2984	nan	0.1000	-0.0003
##	120	0.2849	nan	0.1000	-0.0003
##	140	0.2724	nan	0.1000	-0.0005
##	160	0.2620	nan	0.1000	-0.0002
##	180	0.2519	nan	0.1000	-0.0006
##	200	0.2423	nan	0.1000	-0.0005
##	220	0.2341	nan	0.1000	-0.0007
##	240	0.2268		0.1000	-0.0007
			nan		
##	260	0.2195	nan	0.1000	-0.0005
##	280	0.2138	nan	0.1000	-0.0005
##	300	0.2069	nan	0.1000	-0.0004
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2370	nan	0.1000	0.0645
##	2	1.1300	nan	0.1000	0.0530
##	3	1.0411	nan	0.1000	0.0432
##	4	0.9590	nan	0.1000	0.0389
##	5	0.8944	nan	0.1000	0.0310
##	6	0.8344	nan	0.1000	0.0287
##	7	0.7855	nan	0.1000	0.0235
##	8	0.7388	nan	0.1000	0.0233
##	9	0.7388			
			nan	0.1000	0.0200
##	10	0.6624	nan	0.1000	0.0186
##	20	0.4601	nan	0.1000	0.0054
##	40	0.3632	nan	0.1000	0.0007
##	60	0.3369	nan	0.1000	-0.0006
##	80	0.3195	nan	0.1000	-0.0005
##	100	0.3046	nan	0.1000	-0.0010
##	120	0.2917	nan	0.1000	-0.0005
##	140	0.2819	nan	0.1000	-0.0006
##	160	0.2709	nan	0.1000	-0.0003
##	180	0.2637	nan	0.1000	-0.0002
##	200	0.2555	nan	0.1000	-0.0010
##	220	0.2482	nan	0.1000	-0.0001
##	240	0.2403	nan	0.1000	-0.0004
##	260	0.2337	nan	0.1000	-0.0002
##	280	0.2276	nan	0.1000	-0.0007
##	300	0.2221	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2359	nan	0.1000	0.0652
##	2	1.1297	nan	0.1000	0.0541
##	3	1.0360	nan	0.1000	0.0456
##	4	0.9598	nan	0.1000	0.0369
##	5	0.8926	nan	0.1000	0.0321
##	6	0.8378	nan	0.1000	0.0257
##	7	0.7904	nan	0.1000	0.0238
##	8	0.7456	nan	0.1000	0.0220
##	9	0.7026	nan	0.1000	0.0200
##	10	0.6676	nan	0.1000	0.0200
##	20	0.4623		0.1000	0.0062
			nan		
##	40	0.3657	nan	0.1000	-0.0007
##	60	0.3328	nan	0.1000	0.0002
##	80	0.3125	nan	0.1000	-0.0006
##	100	0.2994	nan	0.1000	-0.0007
##	120	0.2868	nan	0.1000	-0.0014
##	140	0.2751	nan	0.1000	-0.0001
##	160	0.2656	nan	0.1000	-0.0004
##	180	0.2575	nan	0.1000	0.0000
##	200	0.2497	nan	0.1000	-0.0001
##	220	0.2438	nan	0.1000	-0.0003
##	240	0.2377	nan	0.1000	-0.0006
##	260	0.2318	nan	0.1000	-0.0000
##	280	0.2260		0.1000	-0.0003
			nan		
##	300	0.2192	nan	0.1000	-0.0005
##	т	Tand She I	V-1:45	C1 C1	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2254	nan	0.1000	0.0677
##	2	1.1156	nan	0.1000	0.0547
-					

##	3	1.0252	nan	0.1000	0.0450
##	4	0.9441	nan	0.1000	0.0390
##	5	0.8748	nan	0.1000	0.0327
##	6	0.8134	nan	0.1000	0.0292
##	7	0.7613		0.1000	0.0234
			nan		
##	8	0.7145	nan	0.1000	0.0226
##	9	0.6768	nan	0.1000	0.0179
##	10	0.6407	nan	0.1000	0.0168
##	20	0.4426	nan	0.1000	0.0063
##	40	0.3478	nan	0.1000	0.0010
##	60	0.3127	nan	0.1000	-0.0006
##	80	0.2873	nan	0.1000	0.0002
	100				
##		0.2684	nan	0.1000	-0.0005
##	120	0.2530	nan	0.1000	-0.0005
##	140	0.2394	nan	0.1000	-0.0002
##	160	0.2276	nan	0.1000	-0.0008
##	180	0.2168	nan	0.1000	-0.0002
##	200	0.2043	nan	0.1000	-0.0005
##	220	0.1948	nan	0.1000	-0.0002
##	240	0.1862	nan	0.1000	-0.0004
##	260	0.1779		0.1000	-0.0005
			nan		
##	280	0.1682	nan	0.1000	-0.0004
##	300	0.1616	nan	0.1000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2288	nan	0.1000	0.0678
##	2	1.1174	nan	0.1000	0.0529
##	3	1.0228	nan	0.1000	0.0450
##	4	0.9448		0.1000	0.0430
			nan		
##	5	0.8790	nan	0.1000	0.0318
##	6	0.8194	nan	0.1000	0.0294
##	7	0.7679	nan	0.1000	0.0242
##	8	0.7242	nan	0.1000	0.0203
##	9	0.6823	nan	0.1000	0.0198
##	10	0.6469	nan	0.1000	0.0172
##	20	0.4518	nan	0.1000	0.0039
##	40	0.3508		0.1000	-0.0004
			nan		
##	60	0.3170	nan	0.1000	0.0001
##	80	0.2968	nan	0.1000	-0.0004
##	100	0.2780	nan	0.1000	-0.0003
##	120	0.2625	nan	0.1000	-0.0005
##	140	0.2500	nan	0.1000	-0.0008
##	160	0.2372	nan	0.1000	-0.0006
##	180	0.2263	nan	0.1000	-0.0007
##	200	0.2160	nan	0.1000	-0.0002
##	220	0.2075		0.1000	-0.0006
			nan		
##	240	0.1982	nan	0.1000	-0.0003
##	260	0.1908	nan	0.1000	-0.0006
##	280	0.1836	nan	0.1000	-0.0004
##	300	0.1765	nan	0.1000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2270	nan	0.1000	•
##	2				0.0666
##		1.113h	nan		
	3	1.1136 1.0181	nan nan	0.1000	0.0549
##	3	1.0181	nan	0.1000 0.1000	0.0549 0.0453
##	4	1.0181 0.9390	nan nan	0.1000 0.1000 0.1000	0.0549 0.0453 0.0384
##	4 5	1.0181 0.9390 0.8688	nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339
## ##	4 5 6	1.0181 0.9390 0.8688 0.8112	nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273
## ## ##	4 5 6 7	1.0181 0.9390 0.8688 0.8112 0.7597	nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244
## ##	4 5 6 7 8	1.0181 0.9390 0.8688 0.8112	nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273
## ## ##	4 5 6 7	1.0181 0.9390 0.8688 0.8112 0.7597	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244
## ## ## ##	4 5 6 7 8	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244
## ## ## ## ##	4 5 6 7 8 9	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168
## ## ## ## ##	4 5 6 7 8 9 10 20	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550	nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221	nan nan nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003 -0.0005 0.0000
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003 -0.0005 0.0000
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003 -0.0005 0.0000
## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0003 -0.0005 0.0000 -0.0002 -0.0002 -0.0002
## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309 0.2202	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0003 -0.0005 0.0000 -0.0002 -0.0002 -0.0002 -0.0002
## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 149 160 180 200 220	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309 0.2202	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0003 -0.0005 0.00002 -0.0002 -0.0002 -0.0002 -0.0002
## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309 0.2202	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0003 -0.0005 0.00002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0005 -0.0005
## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309 0.2202 0.2108 0.2025 0.1949	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0003 -0.0005 -0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309 0.2202 0.2108 0.2025 0.1949 0.1891	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0005 -0.0005 -0.0005 -0.0006 -0.0005
## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309 0.2202 0.2108 0.2025 0.1949	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0003 -0.0005 -0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309 0.2202 0.2108 0.2025 0.1949 0.1891 0.1831	nan	0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003 -0.0005 0.0002 -0.0002 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005
## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.0181 0.9390 0.8688 0.8112 0.7597 0.7162 0.6754 0.6416 0.4496 0.3550 0.3221 0.3001 0.2847 0.2700 0.2571 0.2428 0.2309 0.2202 0.2108 0.2025 0.1949 0.1891	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0549 0.0453 0.0384 0.0339 0.0273 0.0244 0.0212 0.0195 0.0168 0.0047 0.0002 -0.0006 -0.0003 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005

##	1	1.2309	nan	0.1000	0.0684
##	2	1.1176	nan	0.1000	0.0557
##	3	1.0244	nan	0.1000	0.0459
##	4	0.9484		0.1000	0.0375
			nan		
##	5	0.8790	nan	0.1000	0.0338
##	6	0.8199	nan	0.1000	0.0293
##	7	0.7694	nan	0.1000	0.0246
##	8	0.7245	nan	0.1000	0.0221
##	9	0.6847	nan	0.1000	0.0181
##	10	0.6484	nan	0.1000	0.0177
##	20	0.4518		0.1000	0.0053
			nan		
##	40	0.3507	nan	0.1000	-0.0002
##	60	0.3182	nan	0.1000	-0.0002
##	80	0.2965	nan	0.1000	-0.0007
##	100	0.2815	nan	0.1000	-0.0006
##	120	0.2695	nan	0.1000	-0.0003
##	140	0.2588	nan	0.1000	-0.0005
##	160	0.2490	nan	0.1000	-0.0002
##	180	0.2377		0.1000	-0.0002
			nan		
##	200	0.2280	nan	0.1000	-0.0014
##	220	0.2193	nan	0.1000	-0.0002
##	240	0.2122	nan	0.1000	-0.0006
##	260	0.2049	nan	0.1000	-0.0001
##	280	0.1980	nan	0.1000	-0.0004
##	300	0.1925	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	•
##	1	1.0576	nan	0.3000	0.1463
##	2	0.9025	nan	0.3000	0.0760
##	3	0.7986	nan	0.3000	0.0519
##	4	0.7176	nan	0.3000	0.0390
##	5	0.6677	nan	0.3000	0.0222
##	6	0.6178	nan	0.3000	0.0231
##	7	0.5817	nan	0.3000	0.0171
##	8	0.5557	nan	0.3000	0.0100
##	9	0.5262	nan	0.3000	0.0142
##	10	0.5049	nan	0.3000	0.0101
##	20	0.3994	nan	0.3000	0.0038
##	40	0.3525	nan	0.3000	-0.0007
##	60	0.3424	nan	0.3000	-0.0004
##	80	0.3320		0.3000	-0.0009
			nan		
##	100	0.3246	nan	0.3000	-0.0010
##	120	0.3197	nan	0.3000	-0.0016
##	140	0.3131	nan	0.3000	-0.0008
##	160	0.3073	nan	0.3000	-0.0005
##	180	0.3023	nan	0.3000	-0.0011
##	200	0.2987	nan	0.3000	-0.0000
##	220	0.2936	nan	0.3000	-0.0006
##	240	0.2911	nan	0.3000	-0.0002
##	260	0.2872		0.3000	-0.0010
			nan		
##	280	0.2823	nan	0.3000	-0.0012
##	300	0.2792	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0676	nan	0.3000	0.1510
##	2	0.9065	nan	0.3000	0.0755
##	3	0.8014	nan	0.3000	0.0512
##	4	0.7226	nan	0.3000	0.0379
##	5	0.6664	nan	0.3000	0.0273
##	6				
		0.6122	nan	0.3000	0.0239
##	7	0.5785	nan	0.3000	0.0149
##	8	0.5511	nan	0.3000	0.0129
##	9	0.5249	nan	0.3000	0.0126
##	10	0.4992	nan	0.3000	0.0105
##	20	0.4039	nan	0.3000	0.0008
##	40	0.3556	nan	0.3000	-0.0012
##	60	0.3408	nan	0.3000	-0.0001
##	80			0.3000	-0.0011
		0.3316	nan		
##	100	0.3241	nan	0.3000	-0.0001
##	120	0.3181	nan	0.3000	-0.0006
##	140	0.3140	nan	0.3000	-0.0014
##	160	0.3062	nan	0.3000	-0.0017
##	180	0.3003	nan	0.3000	-0.0009
##	200	0.2957	nan	0.3000	-0.0000
##	220	0.2920		0.3000	-0.0012
			nan		
		0.2879	nan	0.3000	-0.0003
##	240	0.3034		0 2000	0 0010
##	260	0.2834	nan	0.3000	-0.0010
		0.2801	nan nan	0.3000	-0.0008
##	260				

##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0706	nan	0.3000	0.1443
##	2	0.9067	nan	0.3000	0.0788
##	3	0.8063	nan	0.3000	0.0456
##	4	0.7147	nan	0.3000	0.0442
##	5	0.6607	nan	0.3000	0.0225
##	6	0.6115	nan	0.3000	0.0233
##	7	0.5768	nan	0.3000	0.0161
##	8	0.5456	nan	0.3000	0.0155
##	9	0.5247	nan	0.3000	0.0096
##	10	0.5011	nan	0.3000	0.0108
##	20	0.4000	nan	0.3000	0.0051
##	40	0.3551	nan	0.3000	0.0001
##	60	0.3423	nan	0.3000	-0.0004
##	80	0.3318	nan	0.3000	-0.0000
##	100	0.3262	nan	0.3000	-0.0002
##	120	0.3206	nan	0.3000	-0.0000
##	140	0.3155	nan	0.3000	-0.0002
##	160	0.3096	nan	0.3000	0.0003
##	180	0.3045	nan	0.3000	-0.0015
##	200	0.3001	nan	0.3000	-0.0010
##	220	0.2962	nan	0.3000	-0.0007
##	240	0.2910	nan	0.3000	-0.0007
##	260	0.2871	nan	0.3000	-0.0009
##	280	0.2833	nan	0.3000	-0.0008
##	300	0.2797	nan	0.3000	-0.0014
##	300	0.2737	nan	0.5000	0.001.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0644	nan	0.3000	0.1475
##	2	0.9026	nan	0.3000	0.0786
##	3	0.7971	nan	0.3000	0.0511
##	4	0.7200	nan	0.3000	0.0357
##	5	0.6680	nan	0.3000	0.0243
##	6	0.6153	nan	0.3000	0.0248
##	7	0.5906	nan	0.3000	0.0095
##	8	0.5554	nan	0.3000	0.0035
##	9	0.5305	nan	0.3000	0.0173
##	10	0.5073	nan	0.3000	0.0103
##	20	0.3997	nan	0.3000	-0.0007
##	40	0.3545		0.3000	-0.0007
##	60	0.3397	nan nan	0.3000	0.0004
##	80	0.3319	nan	0.3000	-0.0004
##	100	0.3239		0.3000	-0.0002
##	120	0.3148	nan nan	0.3000	-0.0003
##	140	0.3098	nan	0.3000	-0.0002
##	160	0.3049		0.3000	-0.0011
##	180	0.3011	nan nan	0.3000	0.0001
##	200	0.2969	nan	0.3000	-0.0001
##	220	0.2934	nan	0.3000	-0.0009
##	240	0.2894	nan	0.3000	-0.0003
##	260	0.2858	nan	0.3000	-0.0017
##	280	0.2810	nan	0.3000	-0.0017
##	300	0.2768	nan	0.3000	-0.0002
##	500	0.2700	nan	0.5000	-0.0022
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0289	nan	0.3000	0.1611
##	2	0.8396	nan	0.3000	0.1011
##	3	0.7295	nan	0.3000	0.0510
##	4	0.6351	nan	0.3000	0.0310
##	5	0.5614	nan	0.3000	0.0319
##	6	0.5172	nan	0.3000	0.0208
##	7	0.4788	nan	0.3000	0.0181
##	8	0.4505	nan	0.3000	0.0101
##	9	0.4340	nan	0.3000	0.0073
##	10	0.4202	nan	0.3000	0.0073
##	20	0.3596	nan	0.3000	-0.0017
##	40	0.3268	nan	0.3000	-0.0017
##	60	0.3049	nan	0.3000	-0.0001
##	80	0.2775	nan	0.3000	-0.0001
##	100	0.2564	nan	0.3000	-0.0005
##	120	0.2427	nan	0.3000	-0.0014
##	140	0.2322	nan	0.3000	-0.0014
##	160	0.2322	nan	0.3000	-0.0021
##	180	0.2082	nan	0.3000	-0.0003
##	200	0.1959	nan	0.3000	-0.0013
##	220	0.1871	nan	0.3000	-0.0018
##	240	0.1786	nan	0.3000	-0.0014
##	260	0.1696	nan	0.3000	-0.0014
	_00	3.1030	nan	0.5000	0.0007

##	280	0.1596	nan	0.3000	-0.0010
##	300	0.1522	nan	0.3000	-0.0016
##	Iter	TrainDeviance	ValidDeviance	StepSize	Tmprovo
##	1	1.0301	nan	0.3000	Improve 0.1664
##	2	0.8503	nan	0.3000	0.0889
##	3	0.7209	nan	0.3000	0.0616
##	4	0.6369	nan	0.3000	0.0399
##	5	0.5664	nan	0.3000	0.0344
##	6	0.5148	nan	0.3000	0.0237
##	7	0.4743	nan	0.3000	0.0159
##	8	0.4481	nan	0.3000	0.0121
##	9	0.4247	nan	0.3000	0.0108
##	10	0.4072	nan	0.3000	0.0060
##	20	0.3532	nan	0.3000	-0.0012
##	40	0.3189	nan	0.3000	-0.0014
##	60 80	0.2925 0.2732	nan nan	0.3000 0.3000	-0.0015 -0.0011
##	100	0.2575	nan	0.3000	-0.0011
##	120	0.2440	nan	0.3000	-0.0016
##	140	0.2325	nan	0.3000	-0.0004
##	160	0.2217	nan	0.3000	-0.0015
##	180	0.2142	nan	0.3000	-0.0018
##	200	0.2049	nan	0.3000	-0.0007
##	220	0.1979	nan	0.3000	-0.0010
##	240	0.1864	nan	0.3000	-0.0019
##	260	0.1757	nan	0.3000	-0.0010
##	280	0.1681	nan	0.3000	-0.0005
##	300	0.1606	nan	0.3000	-0.0004
##	T+0.0	TrainDeviance	ValidDeviance	CtonCina	Tmp may ca
##	Iter 1	1.0363	nan	StepSize 0.3000	Improve 0.1624
##	2	0.8456	nan	0.3000	0.1024
##	3	0.7197	nan	0.3000	0.0616
##	4	0.6312	nan	0.3000	0.0398
##	5	0.5573	nan	0.3000	0.0364
##	6	0.5074	nan	0.3000	0.0231
##	7	0.4737	nan	0.3000	0.0147
##	8	0.4485	nan	0.3000	0.0113
##	9	0.4339	nan	0.3000	0.0056
##	10	0.4122	nan	0.3000	0.0098
##	20	0.3631	nan	0.3000	0.0003
##	40	0.3250	nan	0.3000	0.0005
##	60 80	0.3084 0.2893	nan nan	0.3000 0.3000	-0.0017 -0.0005
##	100	0.2712	nan	0.3000	-0.0009
##	120	0.2568	nan	0.3000	-0.0011
##	140	0.2440	nan	0.3000	-0.0005
##	160	0.2292	nan	0.3000	-0.0009
##	180	0.2195	nan	0.3000	-0.0004
##	200	0.2107	nan	0.3000	-0.0003
##	220	0.2022	nan	0.3000	-0.0009
##	240	0.1953	nan	0.3000	-0.0008
##	260	0.1865	nan	0.3000	-0.0002
##	280 300	0.1827 0.1748	nan nan	0.3000 0.3000	-0.0013 -0.0012
##	500	0.1740	nan	0.5000	-0.0012
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0299	nan	0.3000	0.1659
##	2	0.8374	nan	0.3000	0.0951
##	3	0.7228	nan	0.3000	0.0573
##	4	0.6372	nan	0.3000	0.0417
##	5	0.5685	nan	0.3000	0.0345
##	6	0.5186	nan	0.3000	0.0239
##	7	0.4795	nan	0.3000	0.0188
##	8 9	0.4524 0.4265	nan	0.3000	0.0107
##	10	0.4265 0.4101	nan nan	0.3000 0.3000	0.0095 0.0071
##	20	0.3564	nan	0.3000	-0.0013
##	40	0.3235	nan	0.3000	-0.0013
##	60	0.3059	nan	0.3000	-0.0010
##	80	0.2882	nan	0.3000	-0.0003
##	100	0.2734	nan	0.3000	-0.0009
##	120	0.2624	nan	0.3000	-0.0026
##	140	0.2499	nan	0.3000	-0.0012
##	160	0.2420	nan	0.3000	-0.0009
##	180	0.2328	nan	0.3000	-0.0010
##	200	0.2217	nan	0.3000	-0.0012
##	220	0.2166	nan	0.3000	-0.0012

##	240	0.2085	nan	0.3000	-0.0018
##	260	0.2012	nan	0.3000	-0.0015
##	280	0.1940	nan	0.3000	-0.0012
##	300	0.1856	nan	0.3000	-0.0018
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0111	nan	0.3000	0.1736
##	2	0.8165	nan	0.3000	0.0951
##	3	0.6839	nan	0.3000	0.0620
##	4	0.5967	nan	0.3000	0.0413
##	5	0.5233	nan	0.3000	0.0354
##	6	0.4803	nan	0.3000	0.0202
##	7	0.4460	nan	0.3000	0.0163
##	8	0.4181	nan	0.3000	0.0110
##	9	0.4003	nan	0.3000	0.0058
##	10	0.3854	nan	0.3000	0.0049
##	20	0.3282		0.3000	0.0049
##	40		nan		
		0.2841	nan	0.3000	-0.0008
##	60	0.2554	nan	0.3000	-0.0013
##	80	0.2262	nan	0.3000	-0.0012
##	100	0.2018	nan	0.3000	-0.0014
##	120	0.1877	nan	0.3000	-0.0013
##	140	0.1724	nan	0.3000	-0.0016
##	160	0.1551	nan	0.3000	-0.0008
##	180	0.1440	nan	0.3000	-0.0018
##	200	0.1324	nan	0.3000	-0.0009
##	220	0.1255	nan	0.3000	-0.0006
##	240	0.1158	nan	0.3000	-0.0004
##	260	0.1067	nan	0.3000	-0.0008
##	280	0.0992	nan	0.3000	-0.0005
##	300	0.0923	nan	0.3000	-0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0136	nan	0.3000	0.1753
##	2	0.8148	nan	0.3000	0.0974
##	3	0.6806	nan	0.3000	0.0665
##	4	0.5901	nan	0.3000	0.0425
##	5	0.5205	nan	0.3000	0.0305
##	6	0.4797	nan	0.3000	0.0200
##	7	0.4412	nan	0.3000	0.0200
##	8	0.4199	nan	0.3000	0.0080
##	9				
		0.3999	nan	0.3000	0.0072
##	10	0.3881	nan	0.3000	0.0039
##	20	0.3364	nan	0.3000	-0.0004
##	40	0.2885	nan	0.3000	-0.0015
##	60	0.2600	nan	0.3000	-0.0012
##	80	0.2339	nan	0.3000	-0.0011
##	100	0.2152	nan	0.3000	-0.0021
##	120	0.1976	nan	0.3000	-0.0007
##	140	0.1766	nan	0.3000	-0.0020
##	160	0.1631	nan	0.3000	-0.0018
##	180	0.1489	nan	0.3000	-0.0004
##	200	0.1400	nan	0.3000	-0.0009
##	220	0.1299	nan	0.3000	-0.0004
##	240	0.1173	nan	0.3000	-0.0012
##	260	0.1102	nan	0.3000	-0.0007
##	280	0.1024	nan	0.3000	-0.0006
##	300	0.0958	nan	0.3000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0139	nan	0.3000	0.1728
##	2	0.8186	nan	0.3000	0.0953
##	3	0.6853	nan	0.3000	0.0656
##	4	0.5882	nan	0.3000	0.0461
##	5	0.5197	nan	0.3000	0.0299
##	6	0.4780	nan	0.3000	0.0188
##	7	0.4482	nan	0.3000	0.0143
##	8	0.4263	nan	0.3000	0.0089
##	9	0.4063	nan	0.3000	0.0096
##	10	0.3934	nan	0.3000	0.0057
##	20	0.3460	nan	0.3000	0.0001
##	40	0.2961		0.3000	-0.0001
##	60	0.2717	nan		-0.0009
			nan	0.3000	
##	80	0.2462	nan	0.3000	-0.0013
##	100	0.2302	nan	0.3000	-0.0012
##	120	0.2132	nan	0.3000	-0.0011
##	140	0.2009	nan	0.3000	-0.0011
##	160	0.1886	nan	0.3000	-0.0014
##	180	0.1738	nan	0.3000	-0.0015

##	200	0.1618	nan	0.3000	-0.0006
##	220	0.1482	nan	0.3000	-0.0008
##	240	0.1376	nan	0.3000	-0.0011
##	260	0.1277	nan	0.3000	-0.0013
	280				-0.0013
##		0.1195	nan	0.3000	
##	300	0.1123	nan	0.3000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0125	nan	0.3000	0.1766
##	2	0.8107	nan	0.3000	0.0964
##	3	0.6719	nan	0.3000	0.0683
##	4	0.5875	nan	0.3000	0.0410
##	5	0.5178	nan	0.3000	0.0345
##	6	0.4675	nan	0.3000	0.0230
##	7	0.4385	nan	0.3000	0.0120
##	8	0.4187	nan	0.3000	0.0074
##	9	0.3982	nan	0.3000	0.0084
##	10	0.3834	nan	0.3000	0.0043
##	20	0.3338	nan	0.3000	-0.0018
##	40	0.2912	nan	0.3000	-0.0015
##	60	0.2743	nan	0.3000	-0.0029
##	80	0.2498		0.3000	-0.0023
			nan		
##	100	0.2310	nan	0.3000	-0.0009
##	120	0.2167	nan	0.3000	-0.0012
##	140	0.2032	nan	0.3000	-0.0019
##	160	0.1883	nan	0.3000	-0.0013
##	180	0.1755	nan	0.3000	-0.0021
##	200	0.1663	nan	0.3000	-0.0003
##	220	0.1576	nan	0.3000	-0.0012
##	240	0.1472	nan	0.3000	-0.0012
##	260				-0.0003
		0.1392	nan	0.3000	
##	280	0.1320	nan	0.3000	-0.0003
##	300	0.1251	nan	0.3000	-0.0015
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9947	nan	0.3000	0.1802
##	2	0.7972	nan	0.3000	0.0969
##	3	0.6630	nan	0.3000	0.0664
##	4	0.5690	nan	0.3000	0.0414
##	5	0.5113			
			nan	0.3000	0.0264
##	6	0.4742	nan	0.3000	0.0144
##	7	0.4363	nan	0.3000	0.0177
##	8	0.4115	nan	0.3000	0.0095
##	9	0.3945	nan	0.3000	0.0046
##	10	0.3801	nan	0.3000	0.0049
##	20	0.3235	nan	0.3000	-0.0010
##	40	0.2634	nan	0.3000	-0.0014
##	60	0.2204	nan	0.3000	-0.0003
##	80	0.2260	nan	0.3000	-0.0006
##		585.3712			
	100		nan	0.3000	-10.9150
##	120	inf	nan	0.3000	nan
##	140	inf	nan	0.3000	nan
##	160	inf	nan	0.3000	nan
##	180	inf	nan	0.3000	nan
##	200	inf	nan	0.3000	nan
##	220	inf	nan	0.3000	nan
##	240	inf	nan	0.3000	nan
##	260	inf	nan	0.3000	nan
##	280	inf	nan	0.3000	nan
##	300	inf	nan	0.3000	
##	200	7111	IIaii	0.5000	nan
	Ttor	TrainDoviance	ValidDeviance	CtonC:	Tmpsc::c
	Iter	TrainDeviance		StepSize	Improve
##	1	0.9907	nan	0.3000	0.1822
##	2	0.7865	nan	0.3000	0.1011
##	3	0.6545	nan	0.3000	0.0677
##	4	0.5708	nan	0.3000	0.0380
##	5	0.5063	nan	0.3000	0.0311
##	6	0.4632	nan	0.3000	0.0199
##	7	0.4332	nan	0.3000	0.0133
##	8	0.4160		0.3000	0.0049
			nan		
##	9	0.3919	nan	0.3000	0.0075
##	10	0.3767	nan	0.3000	0.0053
##	20	0.3188	nan	0.3000	-0.0025
##	40	0.2693	nan	0.3000	-0.0024
##	60	0.2412	nan	0.3000	-0.0006
##	80	0.2167	nan	0.3000	-0.0018
##	100	0.1906	nan	0.3000	-0.0003
##	120	0.1673	nan	0.3000	-0.0007
##	140	0.1513		0.3000	-0.0007
##	140	0.1313	nan	0.5000	-0.0000

##	160	0.1343	nan	0.3000	-0.0013
##	180	0.1180	nan	0.3000	-0.0010
##	200	0.1064	nan	0.3000	-0.0008
##	220	0.0973	nan	0.3000	-0.0008
##	240	0.0873	nan	0.3000	-0.0009
##	260	0.0802	nan	0.3000	-0.0010
##	280	0.0718	nan	0.3000	-0.0004
##	300	0.0657	nan	0.3000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9971	nan	0.3000	0.1781
##	2	0.7883	nan	0.3000	0.1014
##	3	0.6590	nan	0.3000	0.0660
##	4	0.5681	nan	0.3000	0.0423
##	5	0.5118	nan	0.3000	0.0250
##	6	0.4635	nan	0.3000	0.0218
##	7	0.4334	nan	0.3000	0.0130
##	8	0.4136	nan	0.3000	0.0062
##	9	0.3934	nan	0.3000	0.0072
##	10	0.3807	nan	0.3000	0.0049
##	20	0.3226	nan	0.3000	-0.0035
##	40	0.2665	nan	0.3000	-0.0016
##	60	0.2293	nan	0.3000	-0.0013
##	80 100	0.2078 0.1874	nan	0.3000	-0.0014
##	120	0.1874 0.1665	nan	0.3000 0.3000	-0.0022 -0.0010
##	140	0.1509	nan nan	0.3000	-0.0010
##	160	0.1379	nan	0.3000	-0.0012
##	180	0.1379	nan	0.3000	-0.0010
##	200	0.1156	nan	0.3000	-0.0010
##	220	0.1059	nan	0.3000	-0.0014
##	240	0.0985	nan	0.3000	-0.0013
##	260	0.0910	nan	0.3000	-0.0003
##	280	0.0839	nan	0.3000	-0.0011
##	300	0.0778	nan	0.3000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0129	nan	0.3000	0.1716
##	2	0.8045	nan	0.3000	0.1006
##	3	0.6719	nan	0.3000	0.0644
##	4	0.5859	nan	0.3000	0.0372
##	5	0.5260	nan	0.3000	0.0286
##	6	0.4768	nan	0.3000	0.0208
##	7	0.4422	nan	0.3000	0.0162
##	8 9	0.4162 0.4004	nan	0.3000 0.3000	0.0109 0.0038
##	10	0.3890	nan nan	0.3000	0.0034
##	20	0.3320	nan	0.3000	-0.0012
##	40	0.2843	nan	0.3000	-0.0004
##	60	0.2560	nan	0.3000	-0.0017
##	80	0.2294	nan	0.3000	-0.0012
##	100	0.2096	nan	0.3000	-0.0005
##	120	0.1860	nan	0.3000	-0.0022
##	140	0.1696	nan	0.3000	-0.0014
##	160	0.1555	nan	0.3000	-0.0011
##	180	0.1403	nan	0.3000	-0.0005
##	200	0.1289	nan	0.3000	-0.0011
##	220	0.1196	nan	0.3000	-0.0008
##	240	0.1105	nan	0.3000	-0.0009
##	260	0.1043	nan	0.3000	-0.0011
##	280	0.0972	nan	0.3000	-0.0005
##	300	0.0912	nan	0.3000	-0.0020
##	T+on	TrainDaviance	ValidDavianaa	C+anCi-a	Tmn may a
##	Iter 1	TrainDeviance 1.3542	ValidDeviance nan	StepSize 0.0100	Improve 0.0057
##	2	1.3427	nan	0.0100	0.0057
##	3	1.3312	nan	0.0100	0.0057
##	4	1.3206	nan	0.0100	0.0054
##	5	1.3102	nan	0.0100	0.0054
##	6	1.2998	nan	0.0100	0.0054
##	7	1.2895	nan	0.0100	0.0051
##	8	1.2794	nan	0.0100	0.0050
##	9	1.2697	nan	0.0100	0.0049
##	10	1.2600	nan	0.0100	0.0048
##	20	1.1734	nan	0.0100	0.0040
##	40	1.0384	nan	0.0100	0.0028
##	60	0.9402	nan	0.0100	0.0021
##	80	0.8647	nan	0.0100	0.0016
##	100	0.8034	nan	0.0100	0.0013

##	120	0.7537	nan	0.0100	0.0010
##	140	0.7123	nan	0.0100	0.0009
##	160	0.6764	nan	0.0100	0.0008
##	180	0.6462	nan	0.0100	0.0007
##	200	0.6198	nan	0.0100	0.0005
##	220	0.5968	nan	0.0100	0.0005
##	240	0.5770	nan	0.0100	0.0004
##	260	0.5593	nan	0.0100	0.0004
##	280	0.5432	nan	0.0100	0.0003
##	300	0.5290	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3538	nan	0.0100	0.0057
##	2	1.3424	nan	0.0100	0.0055
##	3	1.3314	nan	0.0100	0.0055
##	4	1.3206	nan	0.0100	0.0054
##	5	1.3100	nan	0.0100	0.0053
##	6	1.2998	nan	0.0100	0.0052
##	7	1.2897	nan	0.0100	0.0050
##	8	1.2795	nan	0.0100	0.0050
##	9	1.2696	nan	0.0100	0.0049
##	10	1.2599	nan	0.0100	0.0048
##	20	1.1734	nan	0.0100	0.0040
##	40	1.0379	nan	0.0100	0.0028
##	60	0.9402	nan	0.0100	0.0020
##	80	0.8648	nan	0.0100	0.0016
##	100	0.8037	nan	0.0100	0.0013
##	120	0.7537	nan	0.0100	0.0013
##	140	0.7117	nan	0.0100	0.0001
##	160	0.6766	nan	0.0100	0.0009
##	180	0.6464	nan	0.0100	0.0007
##	200	0.6206	nan	0.0100	0.0005
##	220	0.5977	nan	0.0100	0.0005
##	240	0.5774	nan	0.0100	0.0003
##	260	0.5591	nan	0.0100	0.0004
##	280	0.5432	nan	0.0100	0.0004
##	300	0.5289		0.0100	0.0004
##	300	0.5269	nan	0.0100	0.0003
##	Iter	TrainDeviance	ValidDeviance	StepSize	Tmprovo
				•	Improve 0.0056
##	1 2	1.3541	nan	0.0100	
##	3	1.3429	nan	0.0100	0.0056
		1.3321	nan	0.0100	0.0055
##	4	1.3210	nan	0.0100	0.0054
##	5 6	1.3101 1.2997	nan	0.0100	0.0053 0.0051
##	7		nan	0.0100	
##	8	1.2894 1.2794	nan	0.0100	0.0051
##	9		nan	0.0100 0.0100	0.0050
	10	1.2699	nan		0.0048
##		1.2600	nan	0.0100	0.0047
##	20 40	1.1717	nan	0.0100	0.0037
##		1.0373	nan	0.0100	0.0028
##	60	0.9393	nan	0.0100 0.0100	0.0021
##	80	0.8645	nan		0.0016
##	100	0.8041	nan	0.0100	0.0014
	120 140	0.7544	nan	0.0100	0.0011
##	160	0.7124 0.6767	nan	0.0100 0.0100	0.0009 0.0008
##	180	0.6462	nan nan	0.0100	0.0007
##	200	0.6203	nan	0.0100	0.0007
##	220	0.5977	nan	0.0100	0.0005
##	240	0.5777	nan	0.0100	0.0003
##	260	0.5601	nan	0.0100	0.0004
##	280	0.5441	nan	0.0100	0.0004
##	300	0.5303	nan	0.0100	0.0004
##	500	0.5505	nan	0.0100	0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3537	nan	0.0100	0.0058
##	2	1.3425	nan	0.0100	0.0057
##	3	1.3314		0.0100	0.0057
##	4	1.3204	nan nan	0.0100	0.0053
##	5	1.3097		0.0100	0.0054
##	6	1.2993	nan	0.0100	0.0054
##	о 7	1.2888	nan	0.0100	0.0052
##	8		nan		
	9	1.2788	nan	0.0100 0.0100	0.0050
##		1.2688	nan	0.0100	0.0050
##	10 20	1.2590 1.1728	nan	0.0100	0.0048 0.0040
##	40	1.1728	nan	0.0100	0.0028
##	40 60	0.9398	nan	0.0100	0.0028
##	00	0.9398	nan	0.0100	0.0020

##	80	0.8643	nan	0.0100	0.0016
##	100	0.8029	nan	0.0100	0.0013
##	120	0.7533	nan	0.0100	0.0011
##	140	0.7120	nan	0.0100	0.0009
##	160	0.6767	nan	0.0100	0.0008
##	180	0.6466		0.0100	0.0007
			nan		
##	200	0.6204	nan	0.0100	0.0005
##	220	0.5976	nan	0.0100	0.0005
##	240	0.5771	nan	0.0100	0.0004
##	260	0.5592	nan	0.0100	0.0003
##	280	0.5435	nan	0.0100	0.0003
##	300	0.5294	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3526	nan	0.0100	0.0062
##	2	1.3398	nan	0.0100	0.0063
##	3	1.3278	nan	0.0100	0.0060
##	4	1.3157	nan	0.0100	0.0058
	5				
##		1.3040	nan	0.0100	0.0058
##	6	1.2924	nan	0.0100	0.0056
##	7	1.2809	nan	0.0100	0.0055
##	8	1.2699	nan	0.0100	0.0054
##	9	1.2589	nan	0.0100	0.0054
##	10	1.2482	nan	0.0100	0.0053
##	20	1.1508	nan	0.0100	0.0044
##	40	0.9971	nan	0.0100	0.0032
##	60	0.8830	nan	0.0100	0.0024
##	80	0.7953	nan	0.0100	0.0019
##	100	0.7240	nan	0.0100	0.0015
##	120	0.6666	nan	0.0100	0.0013
##	140	0.6199	nan	0.0100	0.0013
##	160	0.5825	nan	0.0100	0.0008
##	180	0.5489	nan	0.0100	0.0007
##	200	0.5215	nan	0.0100	0.0006
##	220	0.4986	nan	0.0100	0.0003
##	240	0.4790	nan	0.0100	0.0003
##	260	0.4627	nan	0.0100	0.0003
##	280	0.4493	nan	0.0100	0.0002
##	300	0.4378	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	V-1: ID - 1	C+C:	T
	Trei	I I at line a talle	ValidDeviance	StepSize	Improve
##	1	1.3527	validueviance nan	0.0100	0.0063
	1	1.3527	nan	0.0100	0.0063
##	1 2	1.3527 1.3406	nan nan	0.0100 0.0100	0.0063 0.0059
##	1 2 3	1.3527 1.3406 1.3284	nan nan nan	0.0100 0.0100 0.0100	0.0063 0.0059 0.0062
## ## ##	1 2 3 4	1.3527 1.3406 1.3284 1.3168	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058
## ## ##	1 2 3 4 5	1.3527 1.3406 1.3284 1.3168 1.3049	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058
## ## ## ##	1 2 3 4 5 6	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058
## ## ## ## ##	1 2 3 4 5 6 7	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056
## ## ## ## ##	1 2 3 4 5 6 7 8	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0056 0.0054 0.0055 0.0053
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0056 0.0054 0.0055 0.0053 0.0043
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819	nan nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0055 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0055 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0015
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0005
######################################	1 2 3 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 220 240 220 240 220 240 24	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0004 0.0002
######################################	1 2 3 3 4 5 6 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 220 240 260 260 260 260 260 260 260 260 260 26	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0004 0.0002 0.0003
######################################	1 2 3 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 220 240 220 240 220 240 24	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0056 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0004 0.0002
######################################	1 2 3 3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 260 270 280 280 280 280 280 280 280 280 280 28	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0005 0.0004 0.0002 0.0003
######################################	1 2 3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0005 0.0004 0.0002 0.0003
#######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0005 0.0004 0.0002 0.0003 0.0003
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0005 0.0005 0.0003 0.0003
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406 1.3284	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0005 0.0003 Improve 0.0063 0.0061 0.0061
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0004 0.0002 0.0003 0.0003 Improve 0.0063 0.0061 0.0061 0.0059
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4 5	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406 1.3284	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0005 0.0003 Improve 0.0063 0.0061 0.0061
#######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406 1.3284 1.3164	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0004 0.0002 0.0003 0.0003 Improve 0.0063 0.0061 0.0061 0.0059
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4 5	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406 1.3284 1.3164 1.3052	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0003 Improve 0.0063 0.0061 0.0069 0.0059
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4 5 6	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406 1.3284 1.3164 1.3052 1.2937	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0003 Improve 0.0063 0.0061 0.0061 0.0059 0.0059 0.0059
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 1400 1600 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 6 6 7	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406 1.3284 1.3164 1.3052 1.2937 1.2822	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0003 Improve 0.0063 0.0061 0.0061 0.0059 0.0056 0.0057
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 220 240 260 280 300 Iter 1 2 3 4 4 5 6 6 7 7 8 9 9	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406 1.3284 1.3164 1.3052 1.2937 1.2822 1.2708 1.2595	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0003 Improve 0.0063 0.0061 0.0061 0.0059 0.0055 0.0055 0.0055 0.0055 0.0055
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 1400 1600 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 6 6 7 8 8	1.3527 1.3406 1.3284 1.3168 1.3049 1.2931 1.2817 1.2707 1.2596 1.2488 1.1514 0.9967 0.8819 0.7937 0.7225 0.6650 0.6184 0.5800 0.5467 0.5189 0.4963 0.4776 0.4621 0.4489 0.4368 TrainDeviance 1.3532 1.3406 1.3284 1.3164 1.3052 1.2937 1.2822 1.2708	nan	0.0100 0.0100	0.0063 0.0059 0.0062 0.0058 0.0058 0.0058 0.0056 0.0054 0.0055 0.0053 0.0043 0.0032 0.0026 0.0017 0.0015 0.0012 0.0008 0.0009 0.0007 0.0005 0.0005 0.0003 Improve 0.0063 0.0061 0.0061 0.0059 0.0055 0.0055

##	40	0.9974	nan	0.0100	0.0032
##	60	0.8819	nan	0.0100	0.0024
##	80	0.7935	nan	0.0100	0.0019
##	100	0.7239	nan	0.0100	0.0013
##	120	0.6662	nan	0.0100	0.0013
##	140	0.6200		0.0100	0.0013
			nan		
##	160	0.5812	nan	0.0100	0.0008
##	180	0.5491	nan	0.0100	0.0008
##	200	0.5211	nan	0.0100	0.0006
##	220	0.4982	nan	0.0100	0.0005
##	240	0.4790	nan	0.0100	0.0004
##	260	0.4632	nan	0.0100	0.0004
##	280	0.4491	nan	0.0100	0.0003
##	300	0.4377	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3529	nan	0.0100	0.0062
##	2	1.3402		0.0100	0.0061
			nan		
##	3	1.3281	nan	0.0100	0.0060
##	4	1.3165	nan	0.0100	0.0059
##	5	1.3046	nan	0.0100	0.0058
##	6	1.2930	nan	0.0100	0.0058
##	7	1.2817	nan	0.0100	0.0055
##	8	1.2705	nan	0.0100	0.0054
##	9	1.2596	nan	0.0100	0.0053
##	10	1.2490	nan	0.0100	0.0053
##	20	1.1515	nan	0.0100	0.0045
##	40	0.9990	nan	0.0100	0.0030
##	60	0.8833	nan	0.0100	0.0036
##	80	0.7964	nan	0.0100	0.0028
##	100	0.7247	nan	0.0100	0.0014
##	120	0.6667	nan	0.0100	0.0013
##	140	0.6210	nan	0.0100	0.0009
##	160	0.5820	nan	0.0100	0.0007
##	180	0.5481	nan	0.0100	0.0008
##	200	0.5213	nan	0.0100	0.0006
##	220	0.4975	nan	0.0100	0.0005
##	240	0.4779	nan	0.0100	0.0004
##	260	0.4623	nan	0.0100	0.0003
##	280	0.4486	nan	0.0100	0.0002
##	300	0.4374	nan	0.0100	0.0002
##	300	0.4374	nan	0.0100	0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##		1.3515			
	1		nan	0.0100	0.0068
##	2	1.3385	nan	0.0100	0.0067
##	3	1.3256	nan	0.0100	0.0064
##	4	1.3127	nan	0.0100	0.0063
##					
##	5	1.2998	nan	0.0100	0.0063
	6	1.2998 1.2876	nan nan	0.0100 0.0100	
##					0.0063
##	6	1.2876	nan	0.0100	0.0063 0.0059
	6 7	1.2876 1.2759	nan nan	0.0100 0.0100	0.0063 0.0059 0.0058
##	6 7 8	1.2876 1.2759 1.2640	nan nan nan	0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057
##	6 7 8 9	1.2876 1.2759 1.2640 1.2523	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056
## ## ##	6 7 8 9 10	1.2876 1.2759 1.2640 1.2523 1.2408	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056
## ## ## ##	6 7 8 9 10 20	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047
## ## ## ## ##	6 7 8 9 10 20 40 60	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025
## ## ## ## ##	6 7 8 9 10 20 40 60 80	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398	nan nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0005 0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0008 0.0003
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0005 0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0008 0.0003
## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240 260	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0008 0.0003 0.0003
## ## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0008 0.0003 0.0003 0.0003
## ## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0008 0.0003 0.0003 0.0003
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0011 0.0009 0.0008 0.0008 0.0005 0.0003 0.0003 0.0003 0.0001 0.0002
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0003 0.0001 0.0002
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522 1.3389	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0003 0.0001 0.0002
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522 1.3389 1.3259	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0001 0.0002
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522 1.3389 1.3259 1.3132	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0001 0.0002 Improve 0.0066 0.0064 0.0064
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522 1.3389 1.3259 1.3132 1.3006	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0004 0.0066 0.0064 0.0064 0.0063 0.0062
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4 5 6	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522 1.3389 1.3259 1.3132 1.3006 1.2882	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0003 0.0001 0.0002 Improve 0.0066 0.0064 0.0064 0.0063 0.0062 0.0061
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522 1.3389 1.3259 1.3132 1.3006 1.2882 1.2766	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0003 0.0001 0.0002 Improve 0.0066 0.0064 0.0064 0.0063 0.0062 0.0061 0.0057
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522 1.3389 1.3259 1.3132 1.3006 1.2882 1.2766 1.2645	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0003 0.0003 0.0003 0.0004 0.0066 0.0064 0.0064 0.0063 0.0062 0.0061 0.0057
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	1.2876 1.2759 1.2640 1.2523 1.2408 1.1371 0.9737 0.8515 0.7587 0.6846 0.6251 0.5790 0.5398 0.5089 0.4833 0.4626 0.4463 0.4327 0.4208 0.4112 TrainDeviance 1.3522 1.3389 1.3259 1.3132 1.3006 1.2882 1.2766	nan	0.0100 0.0100	0.0063 0.0059 0.0058 0.0057 0.0056 0.0056 0.0047 0.0033 0.0025 0.0021 0.0017 0.0011 0.0009 0.0008 0.0008 0.0003 0.0003 0.0003 0.0003 0.0001 0.0002 Improve 0.0066 0.0064 0.0064 0.0063 0.0062 0.0061 0.0057

##	10	1.2416	nan	0.0100	0.0057
##	20	1.1387	nan	0.0100	0.0046
##	40	0.9740	nan	0.0100	0.0036
##	60	0.8515	nan	0.0100	0.0026
##	80	0.7579	nan	0.0100	0.0019
##	100	0.6841	nan	0.0100	0.0015
##	120	0.6258	nan	0.0100	0.0013
##	140	0.5783	nan	0.0100	0.0012
##	160	0.5407	nan	0.0100	0.0008
##	180	0.5089	nan	0.0100	0.0006
##					
	200	0.4834	nan	0.0100	0.0006
##	220	0.4627	nan	0.0100	0.0004
##	240	0.4465	nan	0.0100	0.0002
##	260	0.4329	nan	0.0100	0.0002
##	280	0.4215	nan	0.0100	0.0002
##	300	0.4118	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3523	nan	0.0100	0.0067
##	2	1.3389	nan	0.0100	0.0066
##	3	1.3259	nan	0.0100	0.0064
##	4	1.3134	nan	0.0100	0.0062
##	5	1.3008	nan	0.0100	0.0061
##	6	1.2884	nan	0.0100	0.0060
##	7	1.2763	nan	0.0100	0.0057
##	8	1.2643	nan	0.0100	0.0058
##	9	1.2528	nan	0.0100	0.0057
##	10	1.2411	nan	0.0100	0.0055
##	20	1.1373	nan	0.0100	0.0046
##	40	0.9741	nan	0.0100	0.0034
##	60	0.8512	nan	0.0100	0.0024
##	80	0.7567	nan	0.0100	0.0021
##	100	0.6833	nan	0.0100	0.0016
##	120	0.6245	nan	0.0100	0.0011
##	140				
		0.5782	nan	0.0100	0.0011
##	160	0.5396	nan	0.0100	0.0007
##	180	0.5091	nan	0.0100	0.0005
##	200	0.4842	nan	0.0100	0.0005
##	220	0.4638	nan	0.0100	0.0004
##	240	0.4473	nan	0.0100	0.0003
##	260	0.4341	nan	0.0100	0.0003
##	280	0.4228	nan	0.0100	0.0002
##	300	0.4127	nan	0.0100	0.0001
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	Iter 1	TrainDeviance 1.3516	ValidDeviance nan	StepSize 0.0100	
					Improve
##	1	1.3516	nan	0.0100	Improve 0.0066
##	1 2	1.3516 1.3386 1.3257	nan nan nan	0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063
## ## ## ##	1 2 3 4	1.3516 1.3386 1.3257 1.3130	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064
## ## ## ##	1 2 3 4 5	1.3516 1.3386 1.3257 1.3130 1.3007	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059
## ## ## ## ##	1 2 3 4 5 6	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059
## ## ## ## ##	1 2 3 4 5 6 7	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0058
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0058 0.0057
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0058
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0058 0.0057
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0058 0.0057 0.0057
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017
## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008
## ## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007
## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008
## ## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0011 0.0008 0.0007 0.0006
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0011 0.0008 0.0007 0.0006 0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0011 0.0008 0.0007 0.0006 0.0005 0.0003
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0011 0.0008 0.0007 0.0006 0.0005 0.0003 0.0002
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 240 260 280	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4348	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0011 0.0008 0.0007 0.0006 0.0005 0.0003 0.0002 0.0002
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0058 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0011 0.0008 0.0007 0.0006 0.0005 0.0003 0.0002
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 220 240 260 280 300	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4236 0.4144	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0011 0.0008 0.0007 0.0006 0.0005 0.0003 0.0002 0.0001 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200 220 240 260 280 300 Iter	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4348	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007 0.0006 0.0005 0.0003 0.0002 0.0001 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 240 260 280 300 Iter 1	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4236 0.4144	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0011 0.0008 0.0007 0.0006 0.0005 0.0003 0.0002 0.0001 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200 220 240 260 280 300 Iter	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4236 0.4144 TrainDeviance	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007 0.0006 0.0005 0.0003 0.0002 0.0001 0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 240 260 280 300 Iter	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4236 0.4144 TrainDeviance 1.3514 1.3377	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0011 0.0001 0.0005 0.0005 0.0005 0.0002 0.0002 0.0001 0.0001 Improve 0.0069 0.0068
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 240 260 280 300 Iter 1 2 3	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4348 0.4236 0.4144 TrainDeviance 1.3514 1.3377 1.3242	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007 0.0006 0.0005 0.0002 0.0002 0.0001 Improve 0.0069 0.0068 0.0067
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4348 0.4236 0.4144 TrainDeviance 1.3514 1.3377 1.3242 1.3107	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007 0.0006 0.0005 0.0002 0.0002 0.0001 Improve 0.0069 0.0068 0.0067 0.0064
######################################	1 2 3 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4348 0.4236 0.4144 TrainDeviance 1.3514 1.3377 1.3242 1.3107 1.2977	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007 0.0006 0.0005 0.0002 0.0001 Improve 0.0069 0.0068 0.0067 0.0064 0.0063
#######################################	1 2 3 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4348 0.4236 0.4144 TrainDeviance 1.3514 1.3377 1.3242 1.3107 1.2977 1.2850	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007 0.0006 0.0005 0.0002 0.0002 0.0001 Improve 0.0069 0.0068 0.0067 0.0064 0.0063 0.0061
######################################	1 2 3 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	1.3516 1.3386 1.3257 1.3130 1.3007 1.2887 1.2766 1.2651 1.2533 1.2419 1.1396 0.9765 0.8536 0.7589 0.6849 0.6255 0.5783 0.5420 0.5110 0.4854 0.4652 0.4488 0.4348 0.4236 0.4144 TrainDeviance 1.3514 1.3377 1.3242 1.3107 1.2977	nan	0.0100 0.0100	Improve 0.0066 0.0062 0.0063 0.0064 0.0059 0.0059 0.0058 0.0057 0.0057 0.0047 0.0035 0.0027 0.0019 0.0017 0.0011 0.0008 0.0007 0.0006 0.0005 0.0002 0.0001 Improve 0.0069 0.0068 0.0067 0.0064 0.0063

##	8	1.2604	nan	0.0100	0.0061
##	9	1.2489	nan	0.0100	0.0056
##	10	1.2371	nan	0.0100	0.0058
##	20	1.1292	nan	0.0100	0.0049
##	40	0.9592		0.0100	0.0036
			nan		
##	60	0.8334	nan	0.0100	0.0025
##	80	0.7374	nan	0.0100	0.0020
##	100	0.6637	nan	0.0100	0.0014
##	120	0.6068	nan	0.0100	0.0011
##	140	0.5612	nan	0.0100	0.0010
##	160	0.5237	nan	0.0100	0.0007
##	180	0.4930	nan	0.0100	0.0006
##	200	0.4701	nan	0.0100	0.0005
##	220	0.4497	nan	0.0100	0.0004
##	240	0.4336	nan	0.0100	0.0004
##	260	0.4196	nan	0.0100	0.0003
##	280	0.4085	nan	0.0100	0.0001
##	300	0.3983	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3514	nan	0.0100	0.0069
##	2	1.3378	nan	0.0100	0.0066
##	3	1.3244	nan	0.0100	0.0065
##	4	1.3112	nan	0.0100	0.0066
##	5	1.2981	nan	0.0100	0.0065
##	6	1.2855	nan	0.0100	0.0063
##	7	1.2735	nan	0.0100	0.0058
##	8	1.2614	nan	0.0100	0.0061
##	9	1.2496	nan	0.0100	0.0059
##	10	1.2372	nan	0.0100	0.0060
##	20	1.1291	nan	0.0100	0.0049
##	40				
		0.9614	nan	0.0100	0.0037
##	60	0.8347	nan	0.0100	0.0028
##	80	0.7391	nan	0.0100	0.0020
##	100	0.6650	nan	0.0100	0.0016
##	120	0.6065	nan	0.0100	0.0011
##	140	0.5602	nan	0.0100	0.0008
##	160	0.5228	nan	0.0100	0.0008
##	180	0.4924	nan	0.0100	0.0006
##	200	0.4688	nan	0.0100	0.0003
##	220	0.4493	nan	0.0100	0.0003
##	240	0.4333	nan	0.0100	0.0002
##	260	0.4199	nan	0.0100	0.0002
##	280	0.4092	nan	0.0100	0.0002
##	300	0.3999	nan	0.0100	-0.0000
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3512	nan	0.0100	0.0070
##	2	1.3376	nan	0.0100	0.0067
##	3	1.3240	nan	0.0100	0.0065
##	4	1.3109	nan	0.0100	0.0063
##	5	1.2978		0.0100	0.0064
			nan		
##	6	1.2847	nan	0.0100	0.0063
##	7	1.2721	nan	0.0100	0.0061
##	8	1.2598	nan	0.0100	0.0061
##	9	1.2477	nan	0.0100	0.0059
##	10	1.2359	nan	0.0100	0.0058
##	20	1.1292	nan	0.0100	0.0047
##	40	0.9615	nan	0.0100	0.0035
##	60	0.8351	nan	0.0100	0.0026
##	80	0.7410	nan	0.0100	0.0019
##	100	0.6669		0.0100	0.0019
	120		nan		
##		0.6081	nan	0.0100	0.0012
##	140	0.5625	nan	0.0100	0.0010
##	160	0.5249	nan	0.0100	0.0007
##	180	0.4953	nan	0.0100	0.0005
##	200	0.4710	nan	0.0100	0.0005
##	220	0.4514	nan	0.0100	0.0003
##	240	0.4350	nan	0.0100	0.0003
##	260	0.4217	nan	0.0100	0.0002
##	280	0.4107	nan	0.0100	0.0002
##		0.4010			
	300	0.4010	nan	0.0100	0.0002
##	T.L.	Tunius:	V=1445	C+ · · C ·	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0068
##	2	1.3381	nan	0.0100	0.0065
##	3	1.3244	nan	0.0100	0.0067
##		1 2112	nan	0.0100	0.0066
11111	4	1.3112	nan	0.0100	0.0000
##	4 5	1.3112	nan	0.0100	0.0063

##	6	1.2853	nan	0.0100	0.0063
##	7	1.2731	nan	0.0100	0.0058
##	8	1.2609	nan	0.0100	0.0061
##	9	1.2489	nan	0.0100	0.0060
##	10	1.2373	nan	0.0100	0.0058
##	20	1.1296	nan	0.0100	0.0047
##	40	0.9612	nan	0.0100	0.0034
##	60	0.8360	nan	0.0100	0.0027
##	80	0.7406	nan	0.0100	0.0019
##	100	0.6667	nan	0.0100	0.0015
##	120	0.6082	nan	0.0100	0.0012
##	140	0.5622	nan	0.0100	0.0010
##	160	0.5246		0.0100	0.0010
			nan		
##	180	0.4955	nan	0.0100	0.0007
##	200	0.4709	nan	0.0100	0.0004
##	220	0.4511	nan	0.0100	0.0003
##	240	0.4349	nan	0.0100	0.0003
##	260	0.4218	nan	0.0100	0.0002
##	280	0.4112	nan	0.0100	0.0000
##	300	0.4020	nan	0.0100	0.0001
##	500	0020		0.0200	0.0001
##	Iter	TrainDeviance	ValidDeviance	StepSize	Tmprovo
				•	Improve
##	1	1.2580	nan	0.1000	0.0544
##	2	1.1646	nan	0.1000	0.0450
##	3	1.0882	nan	0.1000	0.0357
##	4	1.0289	nan	0.1000	0.0294
##	5	0.9741	nan	0.1000	0.0263
##	6	0.9304	nan	0.1000	0.0222
##	7	0.8898	nan	0.1000	0.0189
##	8	0.8531		0.1000	0.0180
			nan		
##	9	0.8222	nan	0.1000	0.0142
##	10	0.7930	nan	0.1000	0.0136
##	20	0.6140	nan	0.1000	0.0059
##	40	0.4746	nan	0.1000	0.0021
##	60	0.4178	nan	0.1000	0.0013
##	80	0.3929	nan	0.1000	-0.0001
##	100	0.3783	nan	0.1000	0.0002
##	120	0.3678	nan	0.1000	0.0001
##	140	0.3606	nan	0.1000	-0.0001
##	160	0.3557	nan	0.1000	-0.0000
##	180	0.3523	nan	0.1000	-0.0006
##	200	0.3493	nan	0.1000	-0.0001
##	220	0.3463	nan	0.1000	-0.0001
##	240	0.3434	nan	0.1000	-0.0003
##	260	0.3415	nan	0.1000	-0.0003
##	280	0.3383		0.1000	-0.0001
			nan		
##	300	0.3364	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2561	nan	0.1000	0.0549
##	2	1.1682	nan	0.1000	0.0417
##	3	1.0958	nan	0.1000	0.0375
##	4	1.0327	nan	0.1000	0.0312
##	5	0.9808	nan	0.1000	0.0266
##	6	0.9358		0.1000	0.0200
	7		nan		
##		0.8971	nan	0.1000	0.0183
##	8	0.8596	nan	0.1000	0.0182
##	9	0.8278	nan	0.1000	0.0160
##	10	0.8015	nan	0.1000	0.0124
##	20	0.6174	nan	0.1000	0.0050
##	40	0.4744	nan	0.1000	0.0009
##	60	0.4180	nan	0.1000	0.0008
##	80	0.3921	nan	0.1000	0.0002
##	100	0.3765		0.1000	0.0002
			nan		
##	120	0.3677	nan	0.1000	0.0002
##	140	0.3619	nan	0.1000	-0.0003
##	160	0.3575	nan	0.1000	-0.0002
##	180	0.3545	nan	0.1000	-0.0003
##	200	0.3517	nan	0.1000	-0.0001
##	220	0.3488	nan	0.1000	-0.0002
##	240	0.3470	nan	0.1000	-0.0002
##	260	0.3438		0.1000	-0.0002
			nan		
##	280	0.3410	nan	0.1000	-0.0002
##	300	0.3389	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2542	nan	0.1000	0.0542
##	2	1.1652	nan	0.1000	0.0449
##	3	1.0896	nan	0.1000	0.0362
			11011	000	JJJL

##	4	1.0279	nan	0.1000	0.0304
##	5	0.9746	nan	0.1000	0.0264
##	6	0.9327	nan	0.1000	0.0195
##	7	0.8914	nan	0.1000	0.0198
##	8	0.8550	nan	0.1000	0.0181
##	9	0.8235		0.1000	0.0145
			nan		
##	10	0.7951	nan	0.1000	0.0126
##	20	0.6139	nan	0.1000	0.0051
##	40	0.4742	nan	0.1000	0.0016
##	60	0.4172	nan	0.1000	0.0013
##	80	0.3942	nan	0.1000	0.0001
##	100	0.3754	nan	0.1000	0.0000
##	120	0.3659	nan	0.1000	-0.0004
##	140	0.3593	nan	0.1000	-0.0002
##	160	0.3557	nan	0.1000	-0.0003
##	180	0.3523		0.1000	-0.0003
			nan		
##	200	0.3498	nan	0.1000	-0.0003
##	220	0.3465	nan	0.1000	-0.0001
##	240	0.3443	nan	0.1000	-0.0003
##	260	0.3424	nan	0.1000	-0.0006
##	280	0.3400	nan	0.1000	-0.0004
##	300	0.3375	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2541	nan	0.1000	0.0537
##	2	1.1637	nan	0.1000	0.0448
##	3	1.0884		0.1000	0.0448
			nan		
##	4	1.0263	nan	0.1000	0.0306
##	5	0.9755	nan	0.1000	0.0258
##	6	0.9315	nan	0.1000	0.0218
##	7	0.8932	nan	0.1000	0.0191
##	8	0.8549	nan	0.1000	0.0180
##	9	0.8250	nan	0.1000	0.0148
##	10	0.7963	nan	0.1000	0.0139
##	20	0.6137	nan	0.1000	0.0067
##	40	0.4726	nan	0.1000	0.0015
##	60	0.4155	nan	0.1000	0.0002
##	80	0.3897	nan	0.1000	0.0002
##	100	0.3758	nan	0.1000	0.0000
##	120	0.3662	nan	0.1000	0.0001
##	140	0.3588	nan	0.1000	-0.0003
##	160	0.3544	nan	0.1000	-0.0001
##	180	0.3514	nan	0.1000	-0.0003
##	200	0.3489	nan	0.1000	-0.0004
##	220	0.3457	nan	0.1000	-0.0001
##	240	0.3435	nan	0.1000	-0.0002
##	260	0.3416	nan	0.1000	-0.0003
##	280	0.3387	nan	0.1000	-0.0003
##	300	0.3367		0.1000	-0.0003
	300	0.5507	nan	0.1000	-0.0003
##	T+0.0	TrainDaviance	ValidDavianas	C+0nCi-0	Tmn may ca
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2437	nan	0.1000	0.0591
##	2	1.1442	nan	0.1000	0.0499
##	3	1.0608	nan	0.1000	0.0410
##	4	0.9913	nan	0.1000	0.0338
##	5	0.9296	nan	0.1000	0.0310
##	6	0.8749	nan	0.1000	0.0268
##	7	0.8264	nan	0.1000	0.0238
##	8	0.7885	nan	0.1000	0.0180
##	9	0.7521	nan	0.1000	0.0172
##	10	0.7164	nan	0.1000	0.0169
##	20	0.5168	nan	0.1000	0.0071
##	40	0.4004	nan	0.1000	0.0009
##	60				
		0.3701	nan	0.1000	-0.0005
##	80	0.3565	nan	0.1000	-0.0001
##	100	0.3451	nan	0.1000	-0.0002
##	120	0.3350	nan	0.1000	-0.0006
##	140	0.3268	nan	0.1000	-0.0004
##	160	0.3199	nan	0.1000	-0.0007
##	180	0.3102	nan	0.1000	0.0000
##	200	0.3037	nan	0.1000	-0.0007
##	220	0.2952	nan	0.1000	-0.0003
##	240	0.2877	nan	0.1000	-0.0002
##	260	0.2811	nan	0.1000	-0.0004
##	280	0.2757		0.1000	-0.0004
##	300	0.2717	nan	0.1000	-0.0002
	200	₩.∠/1/	nan	0.1000	-0.0002
##	T	Tand D	V-1:45	C1 C '	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2452	nan	0.1000	0.0600

##	2	1.1424	nan	0.1000	0.0506
##	3	1.0591	nan	0.1000	0.0403
##	4	0.9850	nan	0.1000	0.0349
##	5	0.9244	nan	0.1000	0.0298
##	6	0.8716	nan	0.1000	0.0252
	7				
##		0.8269	nan	0.1000	0.0220
##	8	0.7843	nan	0.1000	0.0190
##	9	0.7469	nan	0.1000	0.0180
##	10	0.7146	nan	0.1000	0.0155
##	20	0.5219	nan	0.1000	0.0066
##	40	0.4008	nan	0.1000	0.0008
##	60	0.3707	nan	0.1000	0.0002
##	80	0.3580	nan	0.1000	-0.0002
##	100	0.3472	nan	0.1000	-0.0006
##	120	0.3372	nan	0.1000	-0.0004
##	140	0.3289	nan	0.1000	-0.0004
##	160	0.3209		0.1000	-0.0004
			nan		
##	180	0.3143	nan	0.1000	-0.0000
##	200	0.3079	nan	0.1000	-0.0003
##	220	0.3005		0.1000	-0.0005
			nan		
##	240	0.2958	nan	0.1000	-0.0002
##	260	0.2909	nan	0.1000	-0.0005
	280	0.2857		0.1000	
##			nan		-0.0003
##	300	0.2794	nan	0.1000	-0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
					•
##	1	1.2422	nan	0.1000	0.0599
##	2	1.1465	nan	0.1000	0.0489
	3				
##		1.0604	nan	0.1000	0.0414
##	4	0.9888	nan	0.1000	0.0350
##	5	0.9269	nan	0.1000	0.0295
##	6	0.8764	nan	0.1000	0.0245
##	7	0.8316	nan	0.1000	0.0211
##	8	0.7903	nan	0.1000	0.0184
##	9	0.7519	nan	0.1000	0.0191
##	10	0.7226	nan	0.1000	0.0136
##	20	0.5200	nan	0.1000	0.0060
##	40	0.3986	nan	0.1000	0.0009
##	60	0.3696	nan	0.1000	0.0003
##	80	0.3543	nan	0.1000	-0.0000
##	100	0.3462	nan	0.1000	-0.0006
##	120	0.3370	nan	0.1000	-0.0006
##	140	0.3314	nan	0.1000	-0.0004
##	160	0.3243	nan	0.1000	-0.0004
##	180	0.3174	nan	0.1000	-0.0003
##	200	0.3104	nan	0.1000	-0.0004
##	220	0.3052	nan	0.1000	-0.0007
##	240	0.2999	nan	0.1000	-0.0002
##	260	0.2947	nan	0.1000	-0.0002
##	280	0.2906	nan	0.1000	-0.0004
##	300	0.2858	nan	0.1000	-0.0005
##					
	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmp rove
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2429	nan	0.1000	0.0595
##	2	1.1462	nan	0.1000	0.0467
##	3	1.0587		0.1000	0.0427
			nan		
##	4	0.9888	nan	0.1000	0.0359
##	5	0.9258	nan	0.1000	0.0301
##	6	0.8726	nan	0.1000	0.0261
	7				
##		0.8257	nan	0.1000	0.0223
##	8	0.7838	nan	0.1000	0.0200
##	9	0.7498	nan	0.1000	0.0163
##	10	0.7188	nan	0.1000	0.0154
##	20	0.5190	nan	0.1000	0.0051
##	40	0.3997	nan	0.1000	0.0011
##	60	0.3679	nan	0.1000	-0.0005
##	80	0.3540	nan	0.1000	-0.0001
##	100	0.3461	nan	0.1000	-0.0003
##	120	0.3395	nan	0.1000	-0.0006
##	140	0.3317	nan	0.1000	-0.0002
##	160	0.3257	nan	0.1000	-0.0001
##	180	0.3208	nan	0.1000	-0.0004
##	200	0.3164	nan	0.1000	-0.0004
##	220	0.3107	nan	0.1000	-0.0004
##	240	0.3059	nan	0.1000	-0.0005
##	260	0.3010	nan	0.1000	-0.0004
##	280	0.2947	nan	0.1000	-0.0006
44.44	200	0 2000		Δ 1000	_D DDDD
##	300	0.2899	nan	0.1000	-0.0009
##	300	0.2899	nan	0.1000	-0.0009

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	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2382	nan	0.1000	0.0639
##	2	1.1300	nan	0.1000	0.0521
##	3	1.0428	nan	0.1000	0.0427
##	4	0.9651	nan	0.1000	0.0372
##	5	0.8997	nan	0.1000	0.0310
##	6	0.8400	nan	0.1000	0.0291
##	7	0.7917	nan	0.1000	0.0240
##	8	0.7494	nan	0.1000	0.0201
##	9	0.7131	nan	0.1000	0.0177
##	10	0.6831	nan	0.1000	0.0144
##	20	0.4806	nan	0.1000	0.0048
##	40	0.3774		0.1000	0.0007
			nan		
##	60	0.3490	nan	0.1000	-0.0001
##	80	0.3313	nan	0.1000	-0.0005
##	100	0.3154	nan	0.1000	-0.0002
##	120	0.3017	nan	0.1000	-0.0012
##	140	0.2911	nan	0.1000	-0.0001
##	160	0.2796	nan	0.1000	-0.0001
##	180	0.2705	nan	0.1000	-0.0006
##	200	0.2622	nan	0.1000	-0.0003
##	220	0.2528	nan	0.1000	-0.0002
##	240	0.2439	nan	0.1000	-0.0002
##	260	0.2346	nan	0.1000	-0.0005
##	280	0.2285	nan	0.1000	-0.0002
##	300	0.2214	nan	0.1000	-0.0005
##					_
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2368	nan	0.1000	0.0623
##	2	1.1336	nan	0.1000	0.0509
##	3	1.0464	nan	0.1000	0.0427
##	4	0.9712	nan	0.1000	0.0353
##	5	0.9035	nan	0.1000	0.0344
##	6	0.8463	nan	0.1000	0.0287
##	7	0.7963	nan	0.1000	0.0238
##	8	0.7526		0.1000	0.0230
			nan		
##	9	0.7103	nan	0.1000	0.0197
##	10	0.6802	nan	0.1000	0.0142
##	20	0.4796	nan	0.1000	0.0043
##	40	0.3791	nan	0.1000	0.0008
##	60	0.3515	nan	0.1000	-0.0009
##	80	0.3362	nan	0.1000	-0.0002
##	100	0.3206	nan	0.1000	-0.0008
##	120	0.3098	nan	0.1000	-0.0007
##	140	0.2991	nan	0.1000	-0.0007
##	160	0.2849	nan	0.1000	-0.0003
##	180	0.2766	nan	0.1000	-0.0006
##	200	0.2679	nan	0.1000	-0.0002
##	220	0.2604		0.1000	-0.0002
			nan		
##	240	0.2528	nan	0.1000	-0.0003
##	260	0.2455	nan	0.1000	-0.0004
##	280	0.2376	nan	0.1000	-0.0000
##	300	0.2317	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2390	nan	0.1000	0.0628
##	2	1.1285	nan	0.1000	0.0539
##	3	1.0388	nan	0.1000	0.0432
##	4	0.9663	nan	0.1000	0.0351
##	5	0.9025	nan	0.1000	0.0304
##	6	0.8478	nan	0.1000	0.0267
##	7	0.7977	nan	0.1000	0.0243
##	8	0.7519	nan	0.1000	0.0231
##	9	0.7141		0.1000	
			nan		0.0180
##	10	0.6781	nan	0.1000	0.0166
##	20	0.4823	nan	0.1000	0.0045
##	40	0.3830	nan	0.1000	0.0006
##	60	0.3540	nan	0.1000	-0.0003
##	80	0.3352	nan	0.1000	-0.0002
##	100	0.3227	nan	0.1000	0.0000
##	120	0.3115	nan	0.1000	-0.0004
##	140	0.3022	nan	0.1000	-0.0001
##	160	0.2933	nan	0.1000	-0.0004
##	180	0.2817	nan	0.1000	-0.0005
##	200	0.2741	nan	0.1000	-0.0005
##	220	0.2658	nan	0.1000	-0.0005
##	240	0.2591		0.1000	-0.0003
	260		nan	0.1000	-0.0003
##		0.2527	nan		
##	280	0.2464	nan	0.1000	-0.0005

##	300	0.2401	nan	0.1000	-0.0007
##				G: G:	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 2	1.2412	nan	0.1000 0.1000	0.0618
##	3	1.1345 1.0437	nan nan	0.1000	0.0546 0.0435
##	4	0.9659	nan	0.1000	0.0384
##	5	0.9015	nan	0.1000	0.0294
##	6	0.8447	nan	0.1000	0.0271
##	7	0.7951	nan	0.1000	0.0241
##	8	0.7507	nan	0.1000	0.0205
##	9	0.7083	nan	0.1000	0.0203
##	10	0.6753	nan	0.1000	0.0158
##	20	0.4771	nan	0.1000	0.0048
##	40	0.3796	nan	0.1000	0.0003
##	60	0.3553	nan	0.1000	-0.0008
##	80	0.3394	nan	0.1000	-0.0002
##	100 120	0.3253 0.3140	nan	0.1000 0.1000	-0.0005 -0.0005
##	140	0.3035	nan nan	0.1000	-0.0007
##	160	0.2937	nan	0.1000	-0.0007
##	180	0.2862	nan	0.1000	-0.0003
##	200	0.2771	nan	0.1000	-0.0003
##	220	0.2707	nan	0.1000	-0.0004
##	240	0.2649	nan	0.1000	-0.0005
##	260	0.2574	nan	0.1000	-0.0004
##	280	0.2505	nan	0.1000	-0.0001
##	300	0.2459	nan	0.1000	-0.0005
##	- .			6. 6.	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 2	1.2324	nan	0.1000	0.0653
##	3	1.1235 1.0310	nan nan	0.1000 0.1000	0.0536 0.0436
##	4	0.9488	nan	0.1000	0.0388
##	5	0.8829	nan	0.1000	0.0313
##	6	0.8278	nan	0.1000	0.0272
##	7	0.7743	nan	0.1000	0.0264
##	8	0.7301	nan	0.1000	0.0215
##	9	0.6911	nan	0.1000	0.0192
##	10	0.6553	nan	0.1000	0.0161
##	20	0.4712	nan	0.1000	0.0053
##	40	0.3667	nan	0.1000	0.0003
##	60	0.3353	nan	0.1000	-0.0002
##	80 100	0.3146 0.3002	nan nan	0.1000 0.1000	-0.0000 0.0000
##	120	0.2835	nan	0.1000	-0.0006
##	140	0.2717	nan	0.1000	-0.0005
##	160	0.2571	nan	0.1000	-0.0002
##	180	0.2440	nan	0.1000	-0.0005
##	200	0.2326	nan	0.1000	-0.0007
##	220	0.2207	nan	0.1000	-0.0004
##	240	0.2119	nan	0.1000	-0.0007
##	260	0.2035	nan	0.1000	-0.0007
##	280	0.1930 0.1835	nan	0.1000	-0.0005 -0.0004
##	300	0.1055	nan	0.1000	-0.0004
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2312	nan	0.1000	0.0652
##	2	1.1205	nan	0.1000	0.0534
##	3	1.0290	nan	0.1000	0.0455
##	4	0.9484	nan	0.1000	0.0392
##	5	0.8800	nan	0.1000	0.0326
##	6	0.8221	nan	0.1000	0.0268
##	7	0.7733	nan	0.1000	0.0239
##	8	0.7306	nan	0.1000	0.0197
##	9 10	0.6912 0.6560	nan	0.1000 0.1000	0.0188 0.0164
##	20	0.4653	nan nan	0.1000	0.0043
##	40	0.3652	nan	0.1000	-0.0001
##	60	0.3346	nan	0.1000	-0.0001
##	80	0.3128	nan	0.1000	-0.0004
##	100	0.2968	nan	0.1000	-0.0004
##	120	0.2805	nan	0.1000	-0.0005
##	140	0.2672	nan	0.1000	-0.0001
##	160	0.2565	nan	0.1000	-0.0004
##	180	0.2465	nan	0.1000	-0.0008
##	200	0.2343	nan	0.1000	-0.0002
##	220 240	0.2243 0.2146	nan	0.1000 0.1000	0.0000 -0.0001
17#	240	0.2140	nan	0.1000	0.0001

##	260	0.2072	nan	0.1000	-0.0006
##	280	0.2008	nan	0.1000	-0.0007
##	300	0.1931	nan	0.1000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2333	nan	0.1000	0.0662
##	2	1.1226	nan	0.1000	0.0533
##	3	1.0288	nan	0.1000	0.0463
##	4	0.9535	nan	0.1000	0.0372
##	5	0.8892	nan	0.1000	0.0307
##	6	0.8311	nan	0.1000	0.0283
##	7	0.7796	nan	0.1000	0.0247
##	8	0.7339	nan	0.1000	0.0222
##	9	0.6963	nan	0.1000	0.0175
##	10	0.6626	nan	0.1000	0.0165
##	20	0.4673	nan	0.1000	0.0041
##	40	0.3718	nan	0.1000	0.0002
##	60	0.3422	nan	0.1000	-0.0001
##	80	0.3227	nan	0.1000	-0.0010
##	100	0.3056	nan	0.1000	-0.0005
##	120	0.2904	nan	0.1000	-0.0003
##	140	0.2792	nan	0.1000	-0.0008
##	160	0.2650	nan	0.1000	-0.0009
##	180	0.2546	nan	0.1000	-0.0004
##	200	0.2456	nan	0.1000	-0.0009
##	220	0.2378	nan	0.1000	-0.0004
##	240	0.2297	nan	0.1000	-0.0008
##	260	0.2217	nan	0.1000	-0.0005
##	280	0.2155	nan	0.1000	-0.0004
##	300	0.2073	nan	0.1000	-0.0003
##	300	0.2075	nan	0.1000	0.0005
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2333	nan	0.1000	0.0640
##	2	1.1247	nan	0.1000	0.0524
##	3	1.0344			0.0324
##	4		nan	0.1000	
		0.9526	nan	0.1000	0.0384
##	5	0.8847	nan	0.1000	0.0339
##	6	0.8233	nan	0.1000	0.0288
##	7	0.7742	nan	0.1000	0.0235
##	8	0.7303	nan	0.1000	0.0203
##	9	0.6907	nan	0.1000	0.0189
##	10	0.6592	nan	0.1000	0.0156
##	20	0.4645	nan	0.1000	0.0056
##	40	0.3724	nan	0.1000	-0.0004
##	60	0.3411	nan	0.1000	-0.0003
##	80	0.3217	nan	0.1000	-0.0006
##	100	0.3084	nan	0.1000	-0.0003
##	120	0.2955	nan	0.1000	-0.0009
##	140	0.2852	nan	0.1000	-0.0007
##	160	0.2751	nan	0.1000	-0.0008
##	180	0.2669	nan	0.1000	-0.0004
##	200	0.2598	nan	0.1000	-0.0003
##	220	0.2505	nan	0.1000	0.0002
##	240	0.2419	nan	0.1000	-0.0003
##	260	0.2343	nan	0.1000	-0.0008
##	280	0.2284	nan	0.1000	-0.0008
##	300	0.2216	nan	0.1000	-0.0003
##	T1 -	Tundan Diri	V-1445	C±C.	т
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0617	nan	0.3000	0.1438
##	2	0.9006	nan	0.3000	0.0737
##	3	0.8040	nan	0.3000	0.0468
##	4	0.7246	nan	0.3000	0.0422
##	5	0.6733	nan	0.3000	0.0239
##	6	0.6250	nan	0.3000	0.0215
##	7	0.5923	nan	0.3000	0.0156
##	8	0.5603	nan	0.3000	0.0160
##	9	0.5379	nan	0.3000	0.0093
##	10	0.5171	nan	0.3000	0.0091
##	20	0.4198	nan	0.3000	0.0010
##	40	0.3709	nan	0.3000	0.0006
##	60	0.3543	nan	0.3000	-0.0004
##	80	0.3433	nan	0.3000	-0.0004
##	100	0.3362	nan	0.3000	-0.0011
##	120	0.3303	nan	0.3000	-0.0002
##	140	0.3265	nan	0.3000	-0.0005
##	160	0.3217	nan	0.3000	-0.0015
##	180	0.3182	nan	0.3000	-0.0005
##	200	0.3140	nan	0.3000	-0.0005
1					

##	220	0.3098	nan	0.3000	-0.0012
##	240	0.3063	nan	0.3000	-0.0007
##	260	0.3033	nan	0.3000	-0.0012
##	280	0.2993	nan	0.3000	-0.0001
##	300	0.2972	nan	0.3000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0733	nan	0.3000	0.1481
##	2	0.9122	nan	0.3000	0.0771
##	3	0.8132	nan	0.3000	0.0488
##	4	0.7273	nan	0.3000	0.0430
##	5	0.6742	nan	0.3000	0.0250
##	6	0.6287	nan	0.3000	0.0212
##	7	0.5933	nan	0.3000	0.0174
##	8	0.5647	nan	0.3000	0.0174
##	9	0.5395	nan	0.3000	0.0095
##	10	0.5168	nan	0.3000	0.0033
##	20	0.4170	nan	0.3000	0.0028
##	40	0.3701	nan	0.3000	-0.0024
##	60	0.3587	nan	0.3000	-0.0004
##	80	0.3467	nan	0.3000	0.0004
##	100	0.3405	nan	0.3000	-0.0005
##	120	0.3367		0.3000	-0.0018
			nan		
##	140	0.3278	nan	0.3000	0.0002
##	160	0.3230	nan	0.3000	-0.0011
##	180	0.3188	nan	0.3000	-0.0006
##	200	0.3155	nan	0.3000	-0.0014
##	220	0.3104	nan	0.3000	-0.0008
##	240	0.3068	nan	0.3000	-0.0005
##	260	0.3045	nan	0.3000	-0.0017
##	280	0.3003	nan	0.3000	-0.0010
##	300	0.2969	nan	0.3000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0699	nan	0.3000	0.1490
##	2	0.9103	nan	0.3000	0.0766
##	3	0.8100	nan	0.3000	0.0484
##	4	0.7229	nan	0.3000	0.0418
##	5	0.6698	nan	0.3000	0.0223
##	6	0.6206	nan	0.3000	0.0221
##	7	0.5845	nan	0.3000	0.0163
##	8	0.5547	nan	0.3000	0.0118
##	9	0.5322	nan	0.3000	0.0110
##	10	0.5133	nan	0.3000	0.0095
##	20	0.4111	nan	0.3000	0.0018
##	40	0.3660	nan	0.3000	-0.0006
##	60	0.3546	nan	0.3000	-0.0021
##	80	0.3455	nan	0.3000	-0.0013
##	100	0.3374	nan	0.3000	-0.0019
##	120	0.3311	nan	0.3000	-0.0011
##	140	0.3287	nan	0.3000	-0.0009
##	160	0.3227	nan	0.3000	-0.0016
##	180	0.3180	nan	0.3000	-0.0009
##	200	0.3141	nan	0.3000	-0.0006
##	220	0.3107	nan	0.3000	-0.0006
##	240	0.3079	nan	0.3000	-0.0018
##	260	0.3052	nan	0.3000	-0.0005
##	280	0.3007	nan	0.3000	-0.0007
##	300	0.2978	nan	0.3000	-0.0003
##		2.20.0			
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0707	nan	0.3000	0.1495
##	2	0.9104	nan	0.3000	0.0791
##	3	0.8098	nan	0.3000	0.0481
##	4	0.7249	nan	0.3000	0.0421
##	5	0.6718	nan	0.3000	0.0252
##	6	0.6273	nan	0.3000	0.0232
##	7	0.5922		0.3000	0.0217
			nan		
##	8	0.5655	nan	0.3000	0.0115
##	9	0.5371	nan	0.3000	0.0139
##	10	0.5163	nan	0.3000	0.0082
##	20	0.4205	nan	0.3000	0.0010
##	40	0.3680	nan	0.3000	-0.0007
##	60	0.3553	nan	0.3000	-0.0005
##	80	0.3509	nan	0.3000	-0.0011
##	100	0.3393	nan	0.3000	-0.0006
##	120	0.3342	nan	0.3000	-0.0001
##	140	0.3283	nan	0.3000	-0.0007
##	160	0.3232	nan	0.3000	-0.0002

##	180	0.3186	nan	0.3000	-0.0008
##	200	0.3139	nan	0.3000	-0.0012
##	220	0.3097	nan	0.3000	-0.0005
##	240	0.3051	nan	0.3000	-0.0010
##	260	0.3016	nan	0.3000	-0.0015
##	280	0.2991			-0.0015
			nan	0.3000	
##	300	0.2964	nan	0.3000	-0.0006
##					_
##]	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0418	nan	0.3000	0.1600
##	2	0.8547	nan	0.3000	0.0901
##	3	0.7256	nan	0.3000	0.0603
##	4	0.6355	nan	0.3000	0.0408
##	5	0.5656	nan	0.3000	0.0323
##	6	0.5278	nan	0.3000	0.0155
##	7	0.4983	nan	0.3000	0.0131
##	8	0.4679	nan	0.3000	0.0129
##	9	0.4447		0.3000	0.0123
			nan		
##	10	0.4358	nan	0.3000	0.0024
##	20	0.3786	nan	0.3000	-0.0005
##	40	0.3418	nan	0.3000	-0.0010
##	60	0.3213	nan	0.3000	0.0002
##	80	0.3014	nan	0.3000	-0.0016
##	100	0.2892	nan	0.3000	-0.0021
##	120	0.2721	nan	0.3000	-0.0012
##	140	0.2552	nan	0.3000	-0.0000
##	160	0.2436	nan	0.3000	-0.0015
##	180	0.2294	nan	0.3000	-0.0007
##	200	0.2178	nan	0.3000	-0.0007
##	200	0.2039	nan	0.3000	0.0001
##	240				
		0.1941	nan	0.3000	-0.0015
##	260	0.1849	nan	0.3000	-0.0010
##	280	0.1848	nan	0.3000	-0.0108
##	300	0.1672	nan	0.3000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0301	nan	0.3000	0.1641
##	2	0.8503	nan	0.3000	0.0867
##	3	0.7392	nan	0.3000	0.0519
##	4	0.6590	nan	0.3000	0.0360
##	5	0.5950	nan	0.3000	0.0297
##	6	0.5407	nan	0.3000	0.0245
##	7	0.5031			0.0177
			nan	0.3000	
##	8 9	0.4812	nan	0.3000	0.0095
##		0.4594	nan	0.3000	0.0107
##	10	0.4434	nan	0.3000	0.0063
##	20	0.3688	nan	0.3000	0.0003
##	40	0.3365	nan	0.3000	-0.0012
##	60	0.3109	nan	0.3000	-0.0021
##	80	0.2954	nan	0.3000	-0.0012
##	100	0.2852	nan	0.3000	-0.0015
##	120	0.2739	nan	0.3000	-0.0021
##	140	0.2608	nan	0.3000	-0.0015
##	160	0.2498	nan	0.3000	-0.0017
##	180	0.2372	nan	0.3000	-0.0014
##	200	0.2302	nan	0.3000	-0.0015
##	220	0.2202	nan	0.3000	-0.0006
##	240	0.2136	nan	0.3000	-0.0015
##	260	0.2037	nan	0.3000	-0.0007
##	280	0.1966	nan	0.3000	-0.0010
##	300	0.1878		0.3000	-0.0010
##	200	0.10/0	nan	0.3000	- 0 . 0000
	T+c=	TrainDaviere	Valid0a	C+c=C:=-	Tmn ne · · -
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0280	nan	0.3000	0.1632
##	2	0.8465	nan	0.3000	0.0908
##	3	0.7265	nan	0.3000	0.0584
##	4	0.6433	nan	0.3000	0.0407
##	5	0.5769	nan	0.3000	0.0319
##	6	0.5255	nan	0.3000	0.0236
##	7	0.4963	nan	0.3000	0.0117
##	8	0.4729	nan	0.3000	0.0097
##	9	0.4529	nan	0.3000	0.0077
##	10	0.4369	nan	0.3000	0.0065
##				0.3000	
	20	0.3756	nan		0.0007
##	40	0.3477	nan	0.3000	-0.0006
##	60	0.3230	nan	0.3000	-0.0024
##	80	0.3051	nan	0.3000	-0.0005
##	100	0.2945	nan	0.3000	-0.0005
##	120	0.2823	nan	0.3000	-0.0018

##	140	0.2745	nan	0.3000	-0.0007
##	160	0.2680	nan	0.3000	-0.0018
##	180	0.2575	nan	0.3000	-0.0013
##	200	0.2504	nan	0.3000	-0.0005
##	220	0.2401	nan	0.3000	-0.0008
##	240	0.2325		0.3000	-0.0006
			nan		
##	260	0.2249	nan	0.3000	-0.0012
##	280	0.2142	nan	0.3000	-0.0004
##	300	0.2066	nan	0.3000	-0.0027
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0368	nan	0.3000	0.1637
##	2	0.8488	nan	0.3000	0.0920
##	3	0.7341	nan	0.3000	0.0537
##	4	0.6449	nan	0.3000	0.0426
##	5	0.5853	nan	0.3000	0.0264
##	6				
	7	0.5268	nan	0.3000	0.0265
##		0.4904	nan	0.3000	0.0168
##	8	0.4652	nan	0.3000	0.0097
##	9	0.4522	nan	0.3000	0.0046
##	10	0.4417	nan	0.3000	0.0035
##	20	0.3738	nan	0.3000	0.0002
##	40	0.3431	nan	0.3000	-0.0004
##	60	0.3220	nan	0.3000	-0.0009
##	80	0.3091	nan	0.3000	-0.0006
##	100	0.2981	nan	0.3000	-0.0016
##	120	0.2852	nan	0.3000	-0.0009
##	140	0.2753	nan	0.3000	-0.0018
##	160	0.2637	nan	0.3000	-0.0010
##	180	0.2560	nan	0.3000	-0.0009
##	200	0.2471	nan	0.3000	-0.0006
##	220	0.2384	nan	0.3000	-0.0010
##	240	0.2307	nan	0.3000	-0.0010
##	260	0.2224	nan	0.3000	-0.0013
##	280	0.2142	nan	0.3000	-0.0005
##	300	0.2067	nan	0.3000	-0.0012
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0152	nan	0.3000	0.1639
##	2	0.8215	nan	0.3000	0.0906
##	3	0.6777		0.3000	0.0684
##	4		nan	0.3000	
	_	0.6039	nan		0.0319
##	5	0.5396	nan	0.3000	0.0311
##	6	0.4905	nan	0.3000	0.0236
##	7	0.4563	nan	0.3000	0.0146
##	8	0.4351	nan	0.3000	0.0080
##	9	0.4185	nan	0.3000	0.0050
##	10	0.4058	nan	0.3000	0.0047
##	20	0.3576	nan	0.3000	-0.0011
##	40	0.3077	nan	0.3000	-0.0018
##	60	0.2823	nan	0.3000	-0.0001
##	80	0.2579	nan	0.3000	-0.0009
##	100	0.2352	nan	0.3000	-0.0002
##	120	0.2156	nan	0.3000	-0.0006
##	140	0.1985	nan	0.3000	-0.0006
##	160	0.1804	nan	0.3000	-0.0006
##	180	0.1643		0.3000	-0.0008
			nan		
##	200	0.1511	nan	0.3000	-0.0006
##	220	0.1407	nan	0.3000	-0.0007
##	240	0.1304	nan	0.3000	-0.0002
##	260	0.1214	nan	0.3000	-0.0009
##	280	0.1138	nan	0.3000	-0.0002
##	300	0.1062	nan	0.3000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0218	nan	0.3000	0.1689
##	2	0.8217	nan	0.3000	0.0965
##	3	0.6926	nan	0.3000	0.0628
##	4	0.6041	nan	0.3000	0.0393
##	5	0.5488	nan	0.3000	0.0333
	6				
##		0.5008	nan	0.3000	0.0230
##	7	0.4659	nan	0.3000	0.0153
##	8	0.4462	nan	0.3000	0.0094
##	9	0.4267	nan	0.3000	0.0048
##	10	0.4132	nan	0.3000	0.0047
##	20	0.3547	nan	0.3000	-0.0006
##	40	0.3089	nan	0.3000	0.0002
##	60	0.2807	nan	0.3000	-0.0014
ши	90	0.2550	nan	0.3000	-0.0024
##	80	0.2330			

##	100	0.2365	nan	0.3000	-0.0010
##	120	0.2227	nan	0.3000	-0.0019
##	140	0.2049	nan	0.3000	-0.0009
##	160	0.1888	nan	0.3000	-0.0013
##	180	0.1768	nan	0.3000	-0.0009
##	200	0.1704		0.3000	-0.0009
			nan		
##	220	0.1596	nan	0.3000	-0.0006
##	240	0.1503	nan	0.3000	-0.0012
##	260	0.1405	nan	0.3000	-0.0005
##	280	0.1328	nan	0.3000	-0.0002
##	300	0.1261	nan	0.3000	-0.0008
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0133	nan	0.3000	0.1731
##	2	0.8177	nan	0.3000	0.0982
##	3	0.6895	nan	0.3000	0.0622
##	4	0.5985	nan	0.3000	0.0405
##	5	0.5369		0.3000	0.0290
			nan		
##	6	0.4937	nan	0.3000	0.0180
##	7	0.4620	nan	0.3000	0.0133
##	8	0.4377	nan	0.3000	0.0092
##	9	0.4196	nan	0.3000	0.0071
##	10	0.4041	nan	0.3000	0.0062
##	20	0.3558	nan	0.3000	0.0013
##	40	0.3204	nan	0.3000	-0.0009
##	60	0.2917	nan	0.3000	-0.0017
##	80	0.2753	nan	0.3000	-0.0014
##	100	0.2580	nan	0.3000	-0.0010
##	120	0.2402	nan	0.3000	-0.0010
##	140	0.2250		0.3000	-0.0020
			nan		
##	160	0.2112	nan	0.3000	-0.0016
##	180	0.1981	nan	0.3000	-0.0008
##	200	0.1839	nan	0.3000	-0.0010
##	220	0.1747	nan	0.3000	-0.0003
##	240	0.1647	nan	0.3000	-0.0023
##	260	0.1543	nan	0.3000	-0.0008
##	280	0.1461	nan	0.3000	-0.0009
##	300	0.1384	nan	0.3000	-0.0008
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0182	nan	0.3000	0.1663
##	2	0.8221		0.3000	0.1003
	_		nan	1 1111	
##	3	0.6893	nan	0.3000	0.0610
##	4	0.6099	nan	0.3000	0.0366
##	5	0.5415	nan	0.3000	0.0280
##	6	0.4959	nan	0.3000	0.0208
##	7	0.4638	nan	0.3000	0.0149
##	8	0.4409	nan	0.3000	0.0103
##	9	0.4243	nan	0.3000	0.0071
##	10				
##	20	0.4156	nan	0.3000	0.0009
##	20	0.4156 0.3606	nan nan	0.3000 0.3000	
	40				0.0009
##		0.3606	nan	0.3000	0.0009 -0.0005
##	40 60	0.3606 0.3267	nan nan nan	0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016
##	40 60 80	0.3606 0.3267 0.2991 0.2774	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014
## ##	40 60 80 100	0.3606 0.3267 0.2991 0.2774 0.2608	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034
## ## ##	40 60 80 100 120	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028
## ## ## ##	40 60 80 100 120 140	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016
## ## ## ##	40 60 80 100 120 140 160	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014
## ## ## ## ##	40 60 80 100 120 140 160 180	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007
## ## ## ## ##	40 60 80 100 120 140 160 180 200	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020
## ## ## ## ## ##	40 60 80 100 120 140 160 180 200	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013
## ## ## ## ## ##	40 60 80 100 120 140 160 180 200 220	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013
## ## ## ## ## ##	40 60 80 100 120 140 160 180 200	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013
## ## ## ## ## ##	40 60 80 100 120 140 160 180 200 220	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013
## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569	nan nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002
## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460	nan nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002
## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460	nan nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002
## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280 300	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0010 -0.0002 -0.0011 Improve
## ## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0010 -0.0002 -0.0011 Improve 0.1764
## ## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0011 Improve 0.1764 0.0947
## ## ## ## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0010 -0.0002 -0.0011 Improve 0.1764 0.0947 0.0608
## ## ## ## ## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373
## ## ## ## ## ## ## ## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928 0.5299	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373 0.0290
## ## ## ## ## ## ## ## ## ## ## ## ##	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928 0.5299 0.4817	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0007 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373 0.0290 0.0201
######################################	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5 6	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928 0.5299 0.4817 0.4419	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0007 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373 0.0290 0.0201 0.0154
######################################	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5 6 7	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928 0.5299 0.4817 0.4419	nan	0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373 0.0290 0.0201 0.0154 0.0098
######################################	40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928 0.5299 0.4817 0.4419	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0007 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373 0.0290 0.0201 0.0154
######################################	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5 6 7	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928 0.5299 0.4817 0.4419	nan	0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373 0.0290 0.0201 0.0154 0.0098 0.0023 0.0035
######################################	40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928 0.5299 0.4817 0.4419 0.4182	nan	0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0007 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373 0.0290 0.0201 0.0154 0.0098 0.0023
######################################	40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	0.3606 0.3267 0.2991 0.2774 0.2608 0.2450 0.2298 0.2157 0.2016 0.1908 0.1761 0.1662 0.1569 0.1460 0.1399 TrainDeviance 0.9950 0.8019 0.6704 0.5928 0.5299 0.4817 0.4419 0.4182 0.4071 0.3968	nan	0.3000 0.3000	0.0009 -0.0005 -0.0012 -0.0016 -0.0014 -0.0034 -0.0028 -0.0016 -0.0014 -0.0007 -0.0020 -0.0013 -0.0010 -0.0002 -0.0011 Improve 0.1764 0.0947 0.0608 0.0373 0.0290 0.0201 0.0154 0.0098 0.0023 0.0035

##	60	0.2558	nan	0.3000	-0.0027
##	80	0.2259	nan	0.3000	-0.0008
##	100	0.2029	nan	0.3000	-0.0015
##	120	0.1766	nan	0.3000	-0.0012
##	140	0.1547	nan	0.3000	-0.0007
##	160	0.1411		0.3000	
			nan		-0.0007
##	180	0.1242	nan	0.3000	-0.0005
##	200	0.1110	nan	0.3000	-0.0008
##	220	0.0988	nan	0.3000	-0.0006
##	240	0.0874	nan	0.3000	-0.0005
##	260	0.0799	nan	0.3000	-0.0002
##	280	0.0725	nan	0.3000	-0.0004
##	300	0.0666	nan	0.3000	-0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1			•	•
		1.0044	nan	0.3000	0.1761
##	2	0.8090	nan	0.3000	0.0947
##	3	0.6807	nan	0.3000	0.0598
##	4	0.5916	nan	0.3000	0.0421
##	5	0.5250	nan	0.3000	0.0303
##	6	0.4841	nan	0.3000	0.0170
##	7	0.4541	nan	0.3000	0.0121
##	8	0.4289	nan	0.3000	0.0110
##	9	0.4114	nan	0.3000	0.0062
##	10	0.3998	nan	0.3000	0.0036
##	20	0.3451	nan	0.3000	-0.0027
##	40	0.3047	nan	0.3000	-0.0027
##	60	0.2689	nan	0.3000	-0.0027
##	80	0.2438	nan	0.3000	-0.0012
##	100	0.2192	nan	0.3000	-0.0010
##	120	0.1946	nan	0.3000	0.0002
##	140	0.1742	nan	0.3000	-0.0013
##	160	0.1549	nan	0.3000	-0.0009
##	180	0.1418	nan	0.3000	-0.0011
##	200	0.1294	nan	0.3000	-0.0019
##	220	0.1179	nan	0.3000	-0.0005
##	240	0.1085	nan	0.3000	-0.0007
##	260	0.0990	nan	0.3000	-0.0008
##	280	0.0925	nan	0.3000	-0.0011
##	300	0.0851	nan	0.3000	-0.0007
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
	1	TrainDeviance 1.0031	ValidDeviance nan	0.3000	Improve 0.1751
##	_				
## ##	1	1.0031	nan	0.3000	0.1751
## ## ##	1 2	1.0031 0.8010	nan nan	0.3000 0.3000	0.1751 0.0991
## ## ## ##	1 2 3 4	1.0031 0.8010 0.6730 0.5858	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412
## ## ## ## ##	1 2 3 4 5	1.0031 0.8010 0.6730 0.5858 0.5290	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286
## ## ## ## ##	1 2 3 4 5 6	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188
## ## ## ## ## ##	1 2 3 4 5 6 7	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461	nan nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709	nan nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453	nan nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015
## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0008 -0.0012 -0.0017
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0008 -0.0012 -0.0017
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0008 -0.0012 -0.0017 -0.0018
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007
######################################	1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 100 200 140 1600 1800 2200 2400 2600 2600 2600 2600 2600 26	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024
######################################	1 2 3 3 4 5 6 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 220 240 260 260 260 260 260 260 260 260 260 26	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0019 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0003
######################################	1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 100 200 140 1600 1800 2200 2400 2600 2600 2600 2600 2600 26	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0003 -0.0003 -0.0003 -0.0010 -0.0007 -0.0024
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 240 260 240 260 280 300 300 300 300 300 300 300 300 300 3	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0007
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0003 -0.0007
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0007
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0003 -0.0007
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance 1.0106	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0007 Improve 0.1756
#######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance 1.0106 0.8174	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0007 Improve 0.1756 0.0904
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance 1.0106 0.8174 0.6824	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0003 -0.0007 Improve 0.1756 0.0904 0.0661
######################################	1 2 3 4 4 5 6 6 7 8 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance 1.0106 0.8174 0.6824 0.5958	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0003 -0.0007 Improve 0.1756 0.0904 0.0661 0.0404
#######################################	1 2 3 4 4 5 6 6 7 8 9 100 200 400 1200 1400 1600 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 6 6	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance 1.0106 0.8174 0.6824 0.5958 0.5414 0.4962	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0003 -0.0007 Improve 0.1756 0.0904 0.0661 0.0404 0.0235 0.0201
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 4 5 6 6 7	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance 1.0106 0.8174 0.6824 0.5958 0.5414 0.4962 0.4641	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0007 -0.0024 -0.0007 -0.0024 -0.0007 -0.0024 -0.0007 -0.0024 -0.0003 -0.0007
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 4 5 5 6 6 7 8 8	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance 1.0106 0.8174 0.6824 0.5958 0.5414 0.4962 0.4641 0.4406	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0007 -0.0024 -0.0007 -0.0024 -0.0007 -0.0024 -0.0003 -0.0007
#######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 4 5 6 6 7	1.0031 0.8010 0.6730 0.5858 0.5290 0.4869 0.4567 0.4301 0.4183 0.4014 0.3461 0.3004 0.2709 0.2453 0.2231 0.2032 0.1853 0.1681 0.1519 0.1417 0.1301 0.1218 0.1110 0.1015 0.0946 TrainDeviance 1.0106 0.8174 0.6824 0.5958 0.5414 0.4962 0.4641	nan	0.3000 0.3000	0.1751 0.0991 0.0572 0.0412 0.0286 0.0188 0.0125 0.0119 0.0032 0.0051 0.0005 -0.0015 -0.0015 -0.0018 -0.0017 -0.0018 -0.0019 -0.0009 -0.0003 -0.0010 -0.0007 -0.0024 -0.0007 -0.0024 -0.0007 -0.0024 -0.0007 -0.0024 -0.0007 -0.0024 -0.0003 -0.0007

## 20						
## 10	##	20	0.3588	nan	0.3000	-0.0002
## 10	##	40	0.3140	nan	0.3000	-0.0007
## 100	##	60	0.2857	nan	0.3000	-0.0029
## 100						
## 120						
## 140						
## 160						
## 180						
## 200				nan		
## 220 0.1398	##		0.1693	nan	0.3000	-0.0004
## 240 0.1307	##	200	0.1543	nan	0.3000	-0.0005
## 260 0.1204 nan 0.3000 -0.0014 ## 280 0.1122 nan 0.3000 -0.0016 nan 0.3000 -0.0018 ## 300 0.1041 nan 0.3000 -0.0008 ## 1	##	220	0.1398	nan	0.3000	-0.0009
## 280 0.1122 nan 0.3000 -0.0010 ## 300 0.1041 nan 0.3000 -0.0010 ## 1 Ter	##	240	0.1307	nan	0.3000	-0.0011
## 1ter	##	260	0.1204	nan	0.3000	-0.0014
## 1ter	##	280	0.1122	nan	0.3000	-0.0010
## Iter	##					
## Iter TrainDeviance ## 1 1.3513 1.3305 1.3416 1.34		300	0.20.2		0.5000	0.000
## 1 1.3533		Ttor	TrainDeviance	ValidDeviance	StanSiza	Tmprove
## 2 1.3416					•	-
## 3 1.3305						
## 4 1.3191						
## 5						
## 6				nan		
## 7	##	5	1.3080	nan	0.0100	0.0054
## 8 1.2753	##	6	1.2969	nan	0.0100	0.0054
## 10	##	7	1.2862	nan	0.0100	0.0052
## 10	##	8	1.2753	nan	0.0100	0.0051
## 10	##	9	1.2652	nan	0.0100	0.0050
##	##		1.2549			0.0050
## 40						
## 60 0.9257 nan 0.0100 0.0021 ## 80 0.8496 nan 0.0100 0.0016 ## 100 0.7875 nan 0.0100 0.0016 ## 120 0.7366 nan 0.0100 0.0011 ## 140 0.6940 nan 0.0100 0.0011 ## 180 0.6272 nan 0.0100 0.0006 ## 200 0.5999 nan 0.0100 0.0006 ## 240 0.5562 nan 0.0100 0.0006 ## 260 0.5372 nan 0.0100 0.0003 ## 280 0.5212 nan 0.0100 0.0002 ## 300 0.5068 nan 0.0100 0.0002 ## 1 1 1.3531 nan 0.0100 0.0002 ## 2 2 1.3414 nan 0.0100 0.0056 ## 3 1.3302 nan 0.0100 0.0056 ## 4 1 1.3192 nan 0.0100 0.0056 ## 5 1.3084 nan 0.0100 0.0055 ## 8 1.2772 nan 0.0100 0.0055 ## 8 1.2772 nan 0.0100 0.0055 ## 10 1.2571 nan 0.0100 0.0053 ## 10 1.2571 nan 0.0100 0.0053 ## 20 1.1670 nan 0.0100 0.0053 ## 20 1.1670 nan 0.0100 0.0056 ## 10 0.7889 nan 0.0100 0.0056 ## 10 0.7889 nan 0.0100 0.0059 ## 10 0.7889 nan 0.0100 0.0056 ## 20 0.5562 nan 0.0100 0.0056 ## 10 0.7889 nan 0.0100 0.0056 ## 10 0.7889 nan 0.0100 0.0056 ## 10 0.7889 nan 0.0100 0.0056 ## 20 0.5562 nan 0.0100 0.0056 ## 20 0.5562 nan 0.0100 0.0066 ## 20 0.5562 nan 0.0100 0.0003 ## 120 0.5562 nan 0.0100 0.0003 ## 120 0.5562 nan 0.0100 0.0003 ## 120 0.5562 nan 0.0100 0.0006 ## 200 0.5594 nan 0.0100 0.0006 ## 200 0.5594 nan 0.0100 0.0006 ## 200 0.5562 nan 0.0100 0.0006 ## 200 0.5594 nan 0.0100 0.0006 ## 200 0.5562 nan 0.0100 0.0006 ## 200 0.5562 nan 0.0100 0.0006 ## 200 0.5562 nan 0.0100 0.0006 ## 200 0.5564 nan 0.0100 0.0056 ## 200 0.5380 nan 0.0100 0.0056 ## 300 0.5074 nan 0.0100 0.0056 ## 300 0.5074 nan 0.0100 0.0056 ## 40 0.0056 nan 0.0100 0.0056 ##						
## 80						
## 100						
## 120 0.7366						
## 140 0.6940 nan 0.0100 0.0010 ## 160 0.6583 nan 0.0100 0.0007 ## 200 0.5999 nan 0.0100 0.0005 ## 220 0.5762 nan 0.0100 0.0005 ## 280 0.5553 nan 0.0100 0.0005 ## 300 0.5068 nan 0.0100 0.0002 ## 300 0.5068 nan 0.0100 0.0002 ## 1 1 1.3531 nan 0.0100 0.0055 ## 3 1.3302 nan 0.0100 0.0055 ## 4 1.31192 nan 0.0100 0.0055 ## 5 1.3084 nan 0.0100 0.0055 ## 6 1.2979 nan 0.0100 0.0053 ## 8 1.2772 nan 0.0100 0.0053 ## 8 1.2772 nan 0.0100 0.0053 ## 8 1.2772 nan 0.0100 0.0053 ## 10 1.2571 nan 0.0100 0.0053 ## 10 1.2571 nan 0.0100 0.0055 ## 10 1.2571 nan 0.0100 0.0055 ## 10 1.2571 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0055 ## 10 0.0551 nan 0.0100 0.0055 ## 20 1.1670 nan 0.0100 0.0056 ## 10 0.0557 nan 0.0100 0.0056 ## 10 0.7889 nan 0.0100 0.0056 ## 10 0.7873 nan 0.0100 0.0056 ## 10 0.7889 nan 0.0100 0.0056 ## 10 0.7839 nan 0.0100 0.0056 ## 10 0.7839 nan 0.0100 0.0056 ## 120 0.7373 nan 0.0100 0.0056 ## 120 0.7373 nan 0.0100 0.0029 ## 80 0.8507 nan 0.0100 0.0056 ## 120 0.7373 nan 0.0100 0.0056 ## 120 0.7373 nan 0.0100 0.0066 ## 120 0.7389 nan 0.0100 0.0066 ## 220 0.5766 nan 0.0100 0.0014 ## 120 0.7373 nan 0.0100 0.0006 ## 220 0.5562 nan 0.0100 0.0006 ## 220 0.5562 nan 0.0100 0.0008 ## 220 0.5562 nan 0.0100 0.0006 ## 230 0.5074 nan 0.0100 0.0006 ## 240 0.5562 nan 0.0100 0.0006 ## 250 0.5074 nan 0.0100 0.0055 ## 3 1.3300 nan 0.0100 0.0055 ## 4 1.3188 nan 0.0100 0.00						
## 160				nan		
## 180	##	140	0.6940	nan	0.0100	0.0010
## 200 0.5999	##	160	0.6583	nan	0.0100	0.0007
## 220 0.5762	##	180	0.6272	nan	0.0100	0.0006
## 240 0.5553	##	200	0.5999	nan	0.0100	0.0006
## 260 0.5372	##	220	0.5762	nan	0.0100	0.0005
## 260 0.5372	##	240	0.5553	nan	0.0100	0.0005
## 280 0.5212						
##						
## Iter TrainDeviance ValidDeviance StepSize Improve 1						
## Iter		300	0.5000	IIali	0.0100	0.0002
## 1 1.3531		Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmprovo
## 2 1.3414					•	•
## 3 1.3302						
## 4 1.3192						
## 5 1.3084						
## 6 1.2979				nan		
## 7 1.2874	##			nan	0.0100	0.0053
## 8 1.2772	##		1.2979	nan	0.0100	0.0053
## 9 1.2671	##	7	1.2874	nan	0.0100	0.0052
## 10 1.2571	##	8	1.2772	nan	0.0100	0.0051
## 20 1.1670	##	9	1.2671	nan	0.0100	0.0050
## 40	##	10	1.2571	nan	0.0100	0.0050
## 40	##	20		nan		0.0040
## 60 0.9279	##				0.0100	
## 80 0.8507 nan 0.0100 0.0016 ## 100 0.7889 nan 0.0100 0.0014 ## 120 0.7373 nan 0.0100 0.0011 ## 140 0.6943 nan 0.0100 0.0009 ## 160 0.6577 nan 0.0100 0.0008 ## 200 0.5994 nan 0.0100 0.0006 ## 220 0.5766 nan 0.0100 0.0005 ## 240 0.5562 nan 0.0100 0.0004 ## 260 0.5380 nan 0.0100 0.0004 ## 300 0.5218 nan 0.0100 0.0003 ## 1ter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0053 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053	##					
## 100 0.7889 nan 0.0100 0.0014 ## 120 0.7373 nan 0.0100 0.0011 ## 140 0.6943 nan 0.0100 0.0009 ## 160 0.6577 nan 0.0100 0.0008 ## 200 0.5994 nan 0.0100 0.0006 ## 220 0.5766 nan 0.0100 0.0005 ## 240 0.5562 nan 0.0100 0.0004 ## 260 0.5380 nan 0.0100 0.0004 ## 300 0.5218 nan 0.0100 0.0003 ## 1ter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0053 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 120 0.7373 nan 0.0100 0.0011 ## 140 0.6943 nan 0.0100 0.0009 ## 160 0.6577 nan 0.0100 0.0008 ## 200 0.5994 nan 0.0100 0.0006 ## 220 0.5766 nan 0.0100 0.0005 ## 240 0.5562 nan 0.0100 0.0004 ## 260 0.5380 nan 0.0100 0.0004 ## 300 0.5218 nan 0.0100 0.0003 ## 1ter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0053 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 140 0.6943 nan 0.0100 0.0009 ## 160 0.6577 nan 0.0100 0.0008 ## 200 0.5994 nan 0.0100 0.0006 ## 220 0.5766 nan 0.0100 0.0005 ## 240 0.5562 nan 0.0100 0.0004 ## 260 0.5380 nan 0.0100 0.0004 ## 300 0.5218 nan 0.0100 0.0003 ## 31 0.5574 nan 0.0100 0.0003 ## 1 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0053 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 160 0.6577 nan 0.0100 0.0008 ## 200 0.5994 nan 0.0100 0.0006 ## 220 0.5766 nan 0.0100 0.0005 ## 240 0.5562 nan 0.0100 0.0004 ## 260 0.5380 nan 0.0100 0.0004 ## 300 0.5218 nan 0.0100 0.0003 ## 1 1 1.3533 nan 0.0100 0.0003 ## 1 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0053 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 180						
## 200 0.5994 nan 0.0100 0.0006 ## 220 0.5766 nan 0.0100 0.0005 ## 240 0.5562 nan 0.0100 0.0004 ## 260 0.5380 nan 0.0100 0.0004 ## 300 0.5218 nan 0.0100 0.0003 ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0059 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0053 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 220 0.5766 nan 0.0100 0.0005 ## 240 0.5562 nan 0.0100 0.0004 ## 260 0.5380 nan 0.0100 0.0004 ## 280 0.5218 nan 0.0100 0.0003 ## 300 0.5074 nan 0.0100 0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 240 0.5562 nan 0.0100 0.0004 ## 260 0.5380 nan 0.0100 0.0004 ## 280 0.5218 nan 0.0100 0.0003 ## 300 0.5074 nan 0.0100 0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 260 0.5380 nan 0.0100 0.0004 ## 280 0.5218 nan 0.0100 0.0003 ## 300 0.5074 nan 0.0100 0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053				nan		
## 280 0.5218 nan 0.0100 0.0003 ## 300 0.5074 nan 0.0100 0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053				nan		
## 300 0.5074 nan 0.0100 0.0003 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053	##		0.5380	nan	0.0100	0.0004
## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053	##	280	0.5218	nan	0.0100	0.0003
## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053	##	300	0.5074	nan	0.0100	0.0003
## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053	##					
## 1 1.3533 nan 0.0100 0.0059 ## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053	##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 2 1.3415 nan 0.0100 0.0059 ## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						•
## 3 1.3300 nan 0.0100 0.0056 ## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 4 1.3188 nan 0.0100 0.0056 ## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 5 1.3078 nan 0.0100 0.0054 ## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 6 1.2974 nan 0.0100 0.0053 ## 7 1.2870 nan 0.0100 0.0053						
## 7 1.2870 nan 0.0100 0.0053						
## 8 1.2708 nan 0.0100 0.0050						
	##	8	1.2/68	nan	0.0100	ช.ชช5ช

##	9	1.2667	nan	0.0100	0.0051
##	10	1.2564	nan	0.0100	0.0048
##	20	1.1661	nan	0.0100	0.0041
##	40	1.0265	nan	0.0100	0.0029
##	60	0.9270	nan	0.0100	0.0021
##	80	0.8498	nan	0.0100	0.0016
##	100	0.7882	nan	0.0100	0.0013
##	120	0.7369	nan	0.0100	0.0011
##	140	0.6950	nan	0.0100	0.0009
##	160	0.6588		0.0100	0.0007
			nan		
##	180	0.6277	nan	0.0100	0.0007
##	200	0.6009	nan	0.0100	0.0006
##	220	0.5774	nan	0.0100	0.0005
##	240	0.5568	nan	0.0100	0.0005
##	260	0.5384	nan	0.0100	0.0004
##	280	0.5222	nan	0.0100	0.0003
##	300	0.5075	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Tmprovo
				•	Improve
##	1	1.3536	nan	0.0100	0.0058
##	2	1.3415	nan	0.0100	0.0058
##	3	1.3300	nan	0.0100	0.0057
##	4	1.3187		0.0100	0.0056
			nan		
##	5	1.3076	nan	0.0100	0.0055
##	6	1.2968	nan	0.0100	0.0052
##	7	1.2864	nan	0.0100	0.0052
##	8	1.2761	nan	0.0100	0.0051
##	9	1.2659	nan	0.0100	0.0050
##	10	1.2558	nan	0.0100	0.0050
##	20	1.1652	nan	0.0100	0.0040
##	40	1.0261	nan	0.0100	0.0029
##	60	0.9256	nan	0.0100	0.0021
##	80	0.8494	nan	0.0100	0.0017
##	100	0.7874	nan	0.0100	0.0013
##	120	0.7361		0.0100	0.0011
			nan		
##	140	0.6937	nan	0.0100	0.0009
##	160	0.6575	nan	0.0100	0.0008
##	180	0.6262	nan	0.0100	0.0006
##	200	0.5996	nan	0.0100	0.0006
##	220	0.5765	nan	0.0100	0.0005
##	240	0.5561	nan	0.0100	0.0004
##	260	0.5382	nan	0.0100	0.0004
##	280	0.5217	nan	0.0100	0.0003
##	300	0.5075	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3524	nan	0.0100	0.0064
##	2	1.3394	nan	0.0100	0.0062
					0.0002
##	3				0 0000
##		1.3269	nan	0.0100	0.0063
##	4	1.3269 1.3143	nan	0.0100	0.0063 0.0060
	4 5				
##	5	1.3143 1.3021	nan nan	0.0100 0.0100	0.0060 0.0060
##	5 6	1.3143 1.3021 1.2903	nan nan nan	0.0100 0.0100 0.0100	0.0060 0.0060 0.0057
##	5 6 7	1.3143 1.3021 1.2903 1.2784	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059
## ##	5 6 7 8	1.3143 1.3021 1.2903 1.2784 1.2668	nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057
##	5 6 7	1.3143 1.3021 1.2903 1.2784	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059
## ##	5 6 7 8	1.3143 1.3021 1.2903 1.2784 1.2668	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057
## ## ## ##	5 6 7 8 9 10	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054
## ## ## ##	5 6 7 8 9 10 20	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054
## ## ## ## ##	5 6 7 8 9 10 20 40	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032
## ## ## ## ##	5 6 7 8 9 10 20 40 60	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054
## ## ## ## ##	5 6 7 8 9 10 20 40	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032
## ## ## ## ##	5 6 7 8 9 10 20 40 60 80	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070	nan nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794	nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070	nan nan nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015
## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011
## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007
## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007
## ## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004
## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007
## ## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004
## ## ## ## ## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004
## ## ## ## ## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0054 0.0021 0.0015 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004 0.0002 0.0002
## ## ## ## ## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004
## ## ## ## ## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0054 0.0021 0.0015 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004 0.0002 0.0002
## ## ## ## ## ## ## ## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004 0.0002 0.0002
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4756 0.4563 0.4403 0.4271 0.4156	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004 0.0002 0.0002
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271 0.4156 TrainDeviance 1.3522	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004 0.0002 0.0002 0.0002
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271 0.4156 TrainDeviance 1.3522 1.3395	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004 0.0002 0.0002 0.0002
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271 0.4156 TrainDeviance 1.3522	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004 0.0002 0.0002 0.0002
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271 0.4156 TrainDeviance 1.3522 1.3395	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0004 0.0002 0.0002 0.0002
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271 0.4156 TrainDeviance 1.3522 1.3395 1.3268 1.3143	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0002 0.0002 0.0002 Improve 0.0065 0.0063 0.0063
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271 0.4156 TrainDeviance 1.3522 1.3395 1.3268 1.3143 1.3021	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0011 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0002 0.0002 0.0002 Improve 0.0063 0.0063 0.0062 0.0061
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	1.3143 1.3021 1.2903 1.2784 1.2668 1.2554 1.2443 1.1440 0.9868 0.8711 0.7794 0.7070 0.6473 0.5982 0.5576 0.5252 0.4976 0.4756 0.4563 0.4403 0.4271 0.4156 TrainDeviance 1.3522 1.3395 1.3268 1.3143	nan	0.0100 0.0100	0.0060 0.0060 0.0057 0.0059 0.0057 0.0056 0.0054 0.0045 0.0032 0.0026 0.0021 0.0015 0.0014 0.0011 0.0006 0.0007 0.0005 0.0004 0.0002 0.0002 0.0002 Improve 0.0065 0.0063 0.0063

##	7	1.2786	nan	0.0100	0.0057
##	8	1.2675	nan	0.0100	0.0056
##	9	1.2562	nan	0.0100	0.0056
##	10	1.2452	nan	0.0100	0.0055
##	20	1.1455	nan	0.0100	0.0043
##	40	0.9895	nan	0.0100	0.0033
##	60	0.8732	nan	0.0100	0.0025
##	80	0.7826	nan	0.0100	0.0018
##	100	0.7095	nan	0.0100	0.0015
##	120	0.6510	nan	0.0100	0.0014
##	140	0.6011	nan	0.0100	0.0014
##	160	0.5603	nan	0.0100	0.0001
##	180	0.5275	nan	0.0100	0.0006
##	200	0.4994	nan	0.0100	0.0006
##	220	0.4766	nan	0.0100	0.0005
##	240	0.4580	nan	0.0100	0.0003
##	260	0.4423	nan	0.0100	0.0004
##	280	0.4290	nan	0.0100	0.0003
##	300	0.4178	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3522	nan	0.0100	0.0065
##	2	1.3395	nan	0.0100	0.0064
##	3	1.3267	nan	0.0100	0.0063
##	4	1.3143	nan	0.0100	0.0062
##	5	1.3022	nan	0.0100	0.0059
##	6	1.2904	nan	0.0100	0.0059
##	7	1.2788	nan	0.0100	0.0057
##	8	1.2674	nan	0.0100	0.0055
##	9	1.2562		0.0100	0.0053
			nan		
##	10	1.2451	nan	0.0100	0.0056
##	20	1.1443	nan	0.0100	0.0046
##	40	0.9866	nan	0.0100	0.0032
##	60	0.8700	nan	0.0100	0.0025
##	80	0.7812	nan	0.0100	0.0019
##	100	0.7095	nan	0.0100	0.0016
##	120	0.6505	nan	0.0100	0.0010
##	140	0.6017	nan	0.0100	0.0011
##	160	0.5610	nan	0.0100	0.0008
##	180	0.5273	nan	0.0100	0.0007
##	200	0.4998	nan	0.0100	0.0006
##	220	0.4772	nan	0.0100	0.0005
##	240	0.4587	nan	0.0100	0.0004
##	260	0.4425	nan	0.0100	0.0003
##	280	0.4291	nan	0.0100	0.0003
##	300	0.4178		0.0100	0.0002
##	300	0.4176	nan	0.0100	0.0001
	Tton	TrainDaviance	ValidDaviance	CtanCiaa	Tmnnovo
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3530	nan	0.0100	0.0063
##	2	1.3400	nan	0.0100	0.0063
##	3	1.3274	nan	0.0100	0.0062
##	4	1.3152	nan	0.0100	0.0060
##	5	1.3034	nan	0.0100	0.0059
##	6	1.2914	nan	0.0100	0.0059
##	7	1.2802	nan	0.0100	0.0057
##	8	1.2686	nan	0.0100	0.0058
##	9	1.2573	nan	0.0100	0.0056
##	10	1.2463	nan	0.0100	0.0053
##	20	1.1459	nan	0.0100	0.0045
##	40	0.9893	nan	0.0100	0.0033
##	60	0.8735	nan	0.0100	0.0024
##	80	0.7828	nan	0.0100	0.0024
##	100	0.7104		0.0100	0.0020
			nan		
##	120	0.6496	nan	0.0100	0.0012
##	140	0.6008	nan	0.0100	0.0011
##	160	0.5608	nan	0.0100	0.0009
##	180	0.5287	nan	0.0100	0.0006
##	200	0.5010	nan	0.0100	0.0006
##	220	0.4783	nan	0.0100	0.0004
##	240	0.4600	nan	0.0100	0.0004
##	260	0.4432	nan	0.0100	0.0003
##	280	0.4304	nan	0.0100	0.0002
##	300	0.4187	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
11777	Trei			-	
##	1	1.3517	nan	0.0100	0.0068
##	1	1.3517 1.3380	nan nan	0.0100 0.0100	0.0068 0.0067
## ##	1 2	1.3380	nan	0.0100	0.0067
##	1				

##	5	1.2987	nan	0.0100	0.0062
##	6	1.2860	nan	0.0100	0.0061
##	7	1.2738	nan	0.0100	0.0060
##	8	1.2616	nan	0.0100	0.0058
##	9	1.2495	nan	0.0100	0.0058
##	10	1.2378	nan	0.0100	0.0059
##	20	1.1318	nan	0.0100	0.0047
##	40	0.9671	nan	0.0100	0.0035
##	60	0.8436	nan	0.0100	0.0025
##	80	0.7495	nan	0.0100	0.0021
##	100	0.6737	nan	0.0100	0.0015
##	120	0.6127	nan	0.0100	0.0012
	140				
##		0.5638	nan	0.0100	0.0010
##	160	0.5248	nan	0.0100	0.0009
##	180	0.4934	nan	0.0100	0.0007
##	200	0.4671	nan	0.0100	0.0005
##	220	0.4473	nan	0.0100	0.0003
##	240	0.4303	nan	0.0100	0.0003
##	260	0.4160	nan	0.0100	0.0002
		0.4037			0.0002
##	280		nan	0.0100	
##	300	0.3936	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3512	nan	0.0100	0.0068
##	2	1.3376	nan	0.0100	0.0067
##	3	1.3244	nan	0.0100	0.0066
##	4	1.3112	nan	0.0100	0.0065
##	5	1.2986			
			nan	0.0100	0.0063
##	6	1.2861	nan	0.0100	0.0062
##	7	1.2735	nan	0.0100	0.0060
##	8	1.2612	nan	0.0100	0.0060
##	9	1.2494	nan	0.0100	0.0059
##	10	1.2380	nan	0.0100	0.0057
##	20	1.1327	nan	0.0100	0.0047
	40				
##		0.9657	nan	0.0100	0.0036
##	60	0.8413	nan	0.0100	0.0028
##	80	0.7460	nan	0.0100	0.0021
##	100	0.6708	nan	0.0100	0.0016
##	120	0.6117	nan	0.0100	0.0013
##	140	0.5625	nan	0.0100	0.0009
##	160	0.5230	nan	0.0100	0.0008
##	180	0.4908	nan	0.0100	0.0005
##	200	0.4653	nan	0.0100	0.0006
##	220	0.4449	nan	0.0100	0.0004
##	240	0.4282	nan	0.0100	0.0003
##	260	0.4134	nan	0.0100	0.0003
##	280	0.4017	nan	0.0100	0.0002
##	300	0.3920	nan	0.0100	0.0002
##	500	0.5525		0.0200	0.0002
	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmprovo
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3517	nan	0.0100	0.0068
##	2	1.3384	nan	0.0100	0.0064
##	3	1.3249	nan	0.0100	0.0066
##	4	1.3119	nan	0.0100	0.0066
##	5	1.2992	nan	0.0100	0.0063
##	6	1.2868	nan	0.0100	0.0061
##	7	1.2743	nan	0.0100	0.0060
##	8	1.2626		0.0100	0.0059
			nan		
##	9	1.2507	nan	0.0100	0.0058
##	10	1.2391	nan	0.0100	0.0057
##	20	1.1338	nan	0.0100	0.0049
##	40	0.9669	nan	0.0100	0.0034
##	60	0.8421	nan	0.0100	0.0024
##	80	0.7483	nan	0.0100	0.0021
##	100	0.6729	nan	0.0100	0.0021
##	120	0.6126	nan	0.0100	0.0011
##	140	0.5647	nan	0.0100	0.0010
##	160	0.5251	nan	0.0100	0.0007
##	180	0.4925	nan	0.0100	0.0007
##	200	0.4670	nan	0.0100	0.0005
##	220	0.4458	nan	0.0100	0.0004
##	240	0.4290		0.0100	0.0003
			nan		
##	260	0.4155	nan	0.0100	0.0002
##	280	0.4043	nan	0.0100	0.0002
##	300	0.3952	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0068
##	2	1.3380	nan	0.0100	0.0067
""	-	2.5550	nan	3.0100	,

##	3	1.3246	nan	0.0100	0.0062
##	4	1.3117	nan	0.0100	0.0064
##	5	1.2990	nan	0.0100	0.0062
##	6	1.2864	nan	0.0100	0.0062
##	7	1.2743	nan	0.0100	0.0060
##	8	1.2622	nan	0.0100	0.0058
##	9	1.2503	nan	0.0100	0.0057
##	10	1.2386	nan	0.0100	0.0057
##	20	1.1325	nan	0.0100	0.0048
##	40	0.9670	nan	0.0100	0.0035
##	60	0.8429	nan	0.0100	0.0026
##	80	0.7479	nan	0.0100	0.0019
##	100	0.6726	nan	0.0100	0.0018
##	120	0.6125		0.0100	0.0013
			nan		
##	140	0.5646	nan	0.0100	0.0010
##	160	0.5238	nan	0.0100	0.0009
##	180	0.4928	nan	0.0100	0.0007
##	200	0.4665	nan	0.0100	0.0005
##	220	0.4460	nan	0.0100	0.0004
##	240	0.4295	nan	0.0100	0.0003
##	260	0.4149	nan	0.0100	0.0002
##	280	0.4032	nan	0.0100	0.0002
##	300	0.3937	nan	0.0100	0.0001
##	200	0.3337	IIail	0.0100	0.0001
	T+~~	TrainDaviere	Valid0a	C+c=C-	Tmn na::-
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3511	nan	0.0100	0.0071
##	2	1.3370	nan	0.0100	0.0069
##	3	1.3234	nan	0.0100	0.0066
##	4	1.3102	nan	0.0100	0.0065
##	5	1.2973	nan	0.0100	0.0063
##	6	1.2842	nan	0.0100	0.0065
##	7	1.2714	nan	0.0100	0.0062
##	8	1.2588	nan	0.0100	0.0061
	9				
##		1.2464	nan	0.0100	0.0060
##	10	1.2339	nan	0.0100	0.0059
##	20	1.1233	nan	0.0100	0.0051
##	40	0.9513	nan	0.0100	0.0037
##	60	0.8240	nan	0.0100	0.0025
##	80	0.7268	nan	0.0100	0.0020
##	100	0.6512	nan	0.0100	0.0016
##	120	0.5923	nan	0.0100	0.0012
##	140	0.5447	nan	0.0100	0.0010
##	160	0.5058	nan	0.0100	0.0007
##	180	0.4755	nan	0.0100	0.0006
##	200	0.4496	nan	0.0100	0.0005
##	220	0.4293	nan	0.0100	0.0004
##	240	0.4120	nan	0.0100	0.0003
##	260	0.3984	nan	0.0100	0.0002
##	280	0.3871	nan	0.0100	0.0002
##	300	0.3775	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3512	nan	0.0100	0.0071
##	2				0.0071
		1.3373	nan	0.0100	
##	3	1.3237	nan	0.0100	0.0069
##	4	1.3103	nan	0.0100	0.0067
##	5	1.2972	nan	0.0100	0.0064
##	6	1.2844	nan	0.0100	0.0062
##	7	1.2717	nan	0.0100	0.0062
##	8	1.2592	nan	0.0100	0.0062
##	9	1.2468	nan	0.0100	0.0060
##	10	1.2348	nan	0.0100	0.0059
##	20	1.1249	nan	0.0100	0.0050
##	40	0.9530	nan	0.0100	0.0037
##	60	0.8243	nan	0.0100	0.0028
	80				
##		0.7270	nan	0.0100	0.0020
##	100	0.6514	nan	0.0100	0.0016
##	120	0.5919	nan	0.0100	0.0011
##	140	0.5434	nan	0.0100	0.0011
##	160	0.5055	nan	0.0100	0.0007
##	180	0.4749	nan	0.0100	0.0006
##	200	0.4501	nan	0.0100	0.0004
##	220	0.4301	nan	0.0100	0.0003
##	240	0.4142	nan	0.0100	0.0003
##	260	0.4011	nan	0.0100	0.0003
##	280	0.3894		0.0100	0.0001
. ###	200	0.3094	nan		
	200	0 2000		חחות ה	0 0001
##	300	0.3800	nan	0.0100	0.0001
## ##					
##		0.3800 TrainDeviance	nan ValidDeviance	0.0100 StepSize	0.0001 Improve

## 1 1 1.3512						
## 3	##	1	1.3512	nan	0.0100	0.0070
## 3	##	2	1.3373	nan	0.0100	0.0069
## 4	##					
## 5 1.2963						
## 6						
## 7 1.2704 nan						
## 8						
## 10						
## 10				nan		
## 20	##	9	1.2454	nan	0.0100	0.0062
## 40 0.9529	##	10	1.2333	nan	0.0100	0.0059
## 60 0.8266	##	20	1.1238	nan	0.0100	0.0050
## 100	##	40	0.9529	nan	0.0100	0.0034
## 100	##	60	0.8266	nan	0.0100	0.0027
## 100	##					
## 120						
## 140 0.5441 nan 0.0100 0.0007 ## 160 0.5063 nan 0.0100 0.0007 ## 220 0.4509 nan 0.0100 0.0006 ## 220 0.4311 nan 0.0100 0.0008 ## 260 0.4010 nan 0.0100 0.0008 ## 360 0.3805 nan 0.0100 0.0001 ## 370 0.3805 nan 0.0100 0.0001 ## 1						
## 166 0.5063 nan 0.0100 0.0006 ## 180 0.4759 nan 0.0100 0.0006 0.0006 ## 220 0.4311 nan 0.0100 0.0003 0.0003 ## 220 0.4311 nan 0.0100 0.0003 0.0003 ## 280 0.3902 nan 0.0100 0.0001 ## 280 0.3805 nan 0.0100 0.0001 ## 281 0.3902 nan 0.0100 0.0001 ## 281 0.3902 nan 0.0100 0.0001 ## 281 0.3902 nan 0.0100 0.0001 ## 300 0.3805 nan 0.0100 0.0001 ## 301 0.3805 nan 0.0100 0.0001 ## 4 1						
## 180						
## 200						
## 220						
## 240				nan		
## 266 0.4010 nan 0.0100 0.0001 ## 280 0.3902 nan 0.0100 0.0001 ## 300 0.3805 nan 0.0100 0.0001 ## # Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.3509 nan 0.0100 0.0070 ## 2 1.3367 nan 0.0100 0.0070 ## 3 1.3233 nan 0.0100 0.0066 ## 4 4 1.3998 nan 0.0100 0.0066 ## 5 1.2966 nan 0.0100 0.0066 ## 8 6 1.2837 nan 0.0100 0.0066 ## 8 1.2588 nan 0.0100 0.0066 ## 9 1.2464 nan 0.0100 0.0066 ## 10 1.2343 nan 0.0100 0.0066 ## 40 0.9533 nan 0.0100 0.0066 ## 80 0.7293 nan 0.0100 0.0068 ## 80 0.7293 nan 0.0100 0.0028 ## 100 0.6541 nan 0.0100 0.0028 ## 140 0.5549 nan 0.0100 0.0018 ## 150 0.5974 nan 0.0100 0.0018 ## 160 0.5477 nan 0.0100 0.0018 ## 180 0.4773 nan 0.0100 0.0018 ## 220 0.4328 nan 0.0100 0.0018 ## 220 0.4328 nan 0.0100 0.0008 ## 220 0.4328 nan 0.0100 0.0008 ## 30 0.3822 nan 0.0100 0.0008 ## 30 0.3822 nan 0.0100 0.0008 ## 40 0.5674 nan 0.0100 0.0008 ## 520 0.4527 nan 0.0100 0.0008 ## 180 0.4773 nan 0.0100 0.0008 ## 220 0.4328 nan 0.0100 0.0008 ## 30 0.3822 nan 0.0100 0.0008 ## 31 1.0855 nan 0.0100 0.0002 ## 320 0.3822 nan 0.0100 0.0002 ## 33 1.0825 nan 0.0100 0.0002 ## 34 4 1.0144 nan 0.0100 0.0002 ## 35 0.9649 nan 0.1000 0.0002 ## 38 0.4660 nan 0.1000 0.0001 ## 40 0.4527 nan 0.1000 0.0002 ## 40 0.4527 nan 0.0100 0.0002 ## 40 0.4527 nan 0.0100 0.0002 ## 20 0.4328 nan 0.0100 0.0002 ## 30 0.3822 nan 0.0100 0.0002 ## 40 0.4525 nan 0.0100 0.0002 ## 40 0.4525 nan 0.0100 0.0002 ## 40 0.4526 nan 0.0100 0.0002 ## 40 0.4527 nan 0.0100 0.0002 ## 40 0.4526 nan 0.0100 0.0002 ## 40 0.4527 nan 0.0100 0.0002 ## 40 0.4525 nan 0.0100 0.0	##	220	0.4311	nan		0.0004
## 280	##	240	0.4146	nan		0.0003
## 1ter	##	260	0.4010	nan	0.0100	0.0002
## 1ter	##	280	0.3902	nan	0.0100	0.0001
## TrainDeviance	##	300	0.3805	nan	0.0100	
## Iter		-: = =				
## 1 1.3509		Iter	TrainDeviance	ValidDeviance	StenSize	Improve
## 2 1.3367					•	
##						
## 4 1.3098						
## 5						
## 6				nan		
## 7 1.2711	##			nan	0.0100	0.0066
## 8 1.2588	##	6	1.2837	nan	0.0100	0.0063
## 10	##	7	1.2711	nan	0.0100	0.0064
## 10	##	8	1.2588	nan	0.0100	0.0061
## 10	##	9			0.0100	0.0060
## 20						
## 40 0.9533						
## 60 0.8252						
## 80 0.7293						
## 100						
## 120 0.5937						
## 140	##	100	0.6541	nan	0.0100	0.0015
## 160 0.5074	##	120	0.5937	nan	0.0100	0.0013
## 180 0.4773	##	140	0.5459	nan	0.0100	0.0010
## 200	##	160	0.5074	nan	0.0100	0.0008
## 220 0.4328	##	180	0.4773	nan	0.0100	0.0005
## 220 0.4328	##	200	0.4527	nan	0.0100	0.0006
## 240 0.4165 nan 0.0100 0.0003 ## 260 0.4028 nan 0.0100 0.0002 ## 300 0.3822 nan 0.0100 0.0002 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.2513 nan 0.1000 0.0576 ## 3 1.0825 nan 0.1000 0.0379 ## 4 1.0184 nan 0.1000 0.0379 ## 5 0.9649 nan 0.1000 0.0217 ## 6 0.9185 nan 0.1000 0.0217 ## 7 0.8794 nan 0.1000 0.0217 ## 8 0.8460 nan 0.1000 0.0160 ## 9 0.8158 nan 0.1000 0.0160 ## 9 0.8158 nan 0.1000 0.0160 ## 10 0.7825 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0004 ## 100 0.3582 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0006 ## 140 0.3433 nan 0.1000 0.0006 ## 140 0.3368 nan 0.1000 0.0001 ## 220 0.3310 nan 0.1000 -0.0001 ## 220 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 240 0.3228 nan 0.1000 -0.0002 ## 240 0.3228 nan 0.1000 -0.0002 ## 240 0.3228 nan 0.1000 -0.0002	##		0.4328		0.0100	0.0003
## 260 0.4028 nan 0.0100 0.0002 ## 280 0.3912 nan 0.0100 0.0001 ## 300 0.3822 nan 0.0100 0.0002 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.2513 nan 0.1000 0.0576 ## 2 1.1590 nan 0.1000 0.0461 ## 3 1.0825 nan 0.1000 0.0379 ## 4 1.0184 nan 0.1000 0.0317 ## 5 0.9649 nan 0.1000 0.0217 ## 6 0.9185 nan 0.1000 0.0217 ## 7 0.8794 nan 0.1000 0.0217 ## 8 0.8460 nan 0.1000 0.0160 ## 9 0.8158 nan 0.1000 0.0160 ## 9 0.8158 nan 0.1000 0.0160 ## 10 0.7825 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0006 ## 120 0.3491 nan 0.1000 0.0006 ## 140 0.3433 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3228 nan 0.1000 -0.0002						
## 280 0.3912 nan 0.0100 0.0001 ## 300 0.3822 nan 0.0100 0.0002 ## ## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.2513 nan 0.1000 0.0576 ## 2 1.1590 nan 0.1000 0.0461 ## 3 1.0825 nan 0.1000 0.0317 ## 4 1.0184 nan 0.1000 0.0317 ## 5 0.9649 nan 0.1000 0.0271 ## 6 0.9185 nan 0.1000 0.0217 ## 7 0.8794 nan 0.1000 0.0192 ## 8 0.8460 nan 0.1000 0.0160 ## 9 0.8158 nan 0.1000 0.0163 ## 10 0.7825 nan 0.1000 0.0143 ## 10 0.7825 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0062 ## 80 0.3734 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0003 ## 100 0.3582 nan 0.1000 0.0003 ## 120 0.3491 nan 0.1000 0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 120 0.3491 nan 0.1000 -0.0001 ## 180 0.3368 nan 0.1000 -0.0001 ## 180 0.3334 nan 0.1000 -0.0001 ## 180 0.3334 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 240 0.3228 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.2513 nan 0.1000 0.0576 nan 0.1000 0.0576 nan 0.1000 0.0576 nan 0.1000 0.0461 nan 0.1000 0.0379 nan 0.1000 0.0379 nan 0.1000 0.0317 nan 0.1000 0.0317 nan 0.1000 0.0317 nan 0.1000 0.0317 nan 0.1000 0.0271 nan 0.1000 0.0271 nan 0.1000 0.0271 nan 0.1000 0.0217 nan 0.1000 0.0192 nan 0.1000 0.0192 nan 0.1000 0.0160 nan 0.1000 0.0160 nan 0.1000 0.0160 nan 0.1000 0.0167 nan 0.1000 0.0167 nan 0.1000 0.0062 nan 0.1000 0.0062 nan 0.1000 0.0003 nan 0.1000 0.0006 n						
## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.2513 nan 0.1000 0.0576						
## Iter TrainDeviance ValidDeviance StepSize Improve ## 1 1.2513		300	0.3022	liali	0.0100	0.0002
## 1 1.2513		T+~~	TrainDaviere	Validhau	C+c=C-	Tmn ma::-
## 2 1.1590					•	•
##						
## 4 1.0184						
## 5 0.9649 nan 0.1000 0.0271 ## 6 0.9185 nan 0.1000 0.0217 ## 7 0.8794 nan 0.1000 0.0192 ## 8 0.8460 nan 0.1000 0.0160 ## 9 0.8158 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 0.0001 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 180 0.3334 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.00004						
## 6 0.9185				nan		
## 7 0.8794 nan 0.1000 0.0192 ## 8 0.8460 nan 0.1000 0.0160 ## 9 0.8158 nan 0.1000 0.0143 ## 10 0.7825 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 0.0001 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 180 0.3334 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000	##		0.9649	nan	0.1000	
## 8 0.8460 nan 0.1000 0.0160 ## 9 0.8158 nan 0.1000 0.0143 ## 10 0.7825 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 -0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 140 0.3368 nan 0.1000 -0.0001 ## 180 0.3334 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000	##		0.9185	nan	0.1000	0.0217
## 9 0.8158 nan 0.1000 0.0143 ## 10 0.7825 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 -0.0001 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000	##	7	0.8794	nan	0.1000	0.0192
## 9 0.8158 nan 0.1000 0.0143 ## 10 0.7825 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 -0.0001 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000	##	8	0.8460	nan	0.1000	0.0160
## 10 0.7825 nan 0.1000 0.0167 ## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 -0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 180 0.3334 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 20 0.5966 nan 0.1000 0.0062 ## 40 0.4540 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 -0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 40 0.4540 nan 0.1000 0.0024 ## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 -0.0001 ## 120 0.3491 nan 0.1000 -0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 60 0.4008 nan 0.1000 0.0003 ## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 -0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 80 0.3734 nan 0.1000 0.0006 ## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 -0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 100 0.3582 nan 0.1000 0.0001 ## 120 0.3491 nan 0.1000 -0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0001 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 120 0.3491 nan 0.1000 -0.0006 ## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0004 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 140 0.3433 nan 0.1000 -0.0001 ## 160 0.3368 nan 0.1000 -0.0001 ## 180 0.3334 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0004 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000				nan		
## 160 0.3368 nan 0.1000 -0.0001 ## 180 0.3334 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0004 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000	##	120		nan		-0.0006
## 180 0.3334 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0004 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000	##	140	0.3433	nan	0.1000	-0.0001
## 180 0.3334 nan 0.1000 -0.0001 ## 200 0.3310 nan 0.1000 -0.0004 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000	##	160	0.3368	nan	0.1000	-0.0001
## 200 0.3310 nan 0.1000 -0.0004 ## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 220 0.3271 nan 0.1000 -0.0002 ## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 240 0.3252 nan 0.1000 -0.0002 ## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 260 0.3228 nan 0.1000 -0.0004 ## 280 0.3209 nan 0.1000 -0.0000						
## 280 0.3209 nan 0.1000 -0.0000						
מבוכים ממר ## פבוכים ממר ##						
	##	500	0.3193	пап	U. 1000	- 0 . 0003

##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2554	nan	0.1000	0.0559
##	2	1.1632	nan	0.1000	0.0464
##	3	1.0884	nan	0.1000	0.0383
##	4	1.0218	nan	0.1000	0.0322
##	5	0.9673	nan	0.1000	0.0270
##	6 7	0.9193	nan	0.1000	0.0224
##	8	0.8778 0.8409	nan nan	0.1000 0.1000	0.0196 0.0182
##	9	0.8116	nan	0.1000	0.0152
##	10	0.7827	nan	0.1000	0.0132
##	20	0.5974	nan	0.1000	0.0052
##	40	0.4516	nan	0.1000	0.0018
##	60	0.3989	nan	0.1000	0.0002
##	80	0.3714	nan	0.1000	0.0004
##	100	0.3557	nan	0.1000	-0.0001
##	120	0.3459	nan	0.1000	0.0001
##	140	0.3403	nan	0.1000	-0.0001
##	160	0.3363	nan	0.1000	-0.0000
##	180	0.3339	nan	0.1000	-0.0003
##	200 220	0.3309 0.3277	nan	0.1000 0.1000	-0.0003 -0.0002
##	240	0.3252	nan nan	0.1000	-0.0002
##	260	0.3237	nan	0.1000	-0.0002
##	280	0.3221	nan	0.1000	-0.0003
##	300	0.3198	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2522	nan	0.1000	0.0563
##	2	1.1585	nan	0.1000	0.0460
##	3	1.0817	nan	0.1000	0.0379
##	4	1.0161	nan	0.1000	0.0306
##	5 6	0.9656 0.9182	nan	0.1000 0.1000	0.0265 0.0231
##	7	0.8775	nan nan	0.1000	0.0231
##	8	0.8422	nan	0.1000	0.0167
##	9	0.8060	nan	0.1000	0.0174
##	10	0.7776	nan	0.1000	0.0143
##	20	0.5961	nan	0.1000	0.0045
##	40	0.4520	nan	0.1000	0.0013
##	60	0.3992	nan	0.1000	-0.0001
##	80	0.3699	nan	0.1000	-0.0000
##	100	0.3561	nan	0.1000	0.0000 -0.0001
##	120 140	0.3470 0.3425	nan nan	0.1000 0.1000	-0.0001
##	160	0.3375	nan	0.1000	-0.0003
##	180	0.3333	nan	0.1000	-0.0001
##	200	0.3311	nan	0.1000	-0.0002
##	220	0.3289	nan	0.1000	-0.0001
##	240	0.3268	nan	0.1000	-0.0004
##	260	0.3239	nan	0.1000	-0.0004
##	280	0.3217	nan	0.1000	-0.0002
##	300	0.3196	nan	0.1000	-0.0002
##	Ttor	TrainDeviance	ValidDeviance	StanSiza	Improve
##	Iter 1	TrainDeviance 1.2519	ValidDeviance nan	StepSize 0.1000	0.0567
##	2	1.1598	nan	0.1000	0.0456
##	3	1.0827	nan	0.1000	0.0383
##	4	1.0181	nan	0.1000	0.0313
##	5	0.9640	nan	0.1000	0.0267
##	6	0.9164	nan	0.1000	0.0226
##	7	0.8772	nan	0.1000	0.0194
##	8	0.8430	nan	0.1000	0.0178
##	9	0.8112	nan	0.1000	0.0150
##	10 20	0.7811 0.5080	nan	0.1000 0.1000	0.0145
##	20 40	0.5989 0.4515	nan nan	0.1000	0.0060 0.0008
##	60	0.3972	nan nan	0.1000	0.0007
##	80	0.3696	nan	0.1000	0.0007
##	100	0.3545	nan	0.1000	0.0001
##	120	0.3452	nan	0.1000	-0.0003
##	140	0.3399	nan	0.1000	0.0001
##	160	0.3361	nan	0.1000	-0.0002
##	180	0.3332	nan	0.1000	-0.0002
##	200	0.3315	nan	0.1000	-0.0002
##	220	0.3289	nan	0.1000	-0.0001
##	240	0.3260 0.3237	nan	0.1000	-0.0002 -0.0001
##	260	0.3237	nan	0.1000	-0.0001

##	280	0.3215	nan	0.1000	-0.0005
##	300	0.3193	nan	0.1000	-0.0002
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2414	nan	0.1000	0.0622
##	2	1.1402	nan	0.1000	0.0501
##	3	1.0541	nan	0.1000	0.0409
##	4	0.9802	nan	0.1000	0.0347
##	5	0.9184	nan	0.1000	0.0317
##	6	0.8641	nan	0.1000	0.0274
##	7	0.8125	nan	0.1000	0.0255
##	8	0.7724	nan	0.1000	0.0199
##	9	0.7361	nan	0.1000	0.0177
##	10	0.7051	nan	0.1000	0.0151
##	20	0.4986	nan	0.1000	0.0066
##	40	0.3821	nan	0.1000	0.0009
##	60	0.3535	nan	0.1000	0.0006
##	80	0.3377	nan	0.1000	-0.0002
##	100	0.3265	nan	0.1000	-0.0003
##	120	0.3162	nan	0.1000	-0.0000
##	140	0.3084	nan	0.1000	-0.0004
##	160	0.3023	nan	0.1000	-0.0005
##	180	0.2949	nan	0.1000	-0.0003
##	200	0.2884	nan	0.1000	-0.0004
##	220	0.2827	nan	0.1000	-0.0004
##	240	0.2752	nan	0.1000	-0.0003
##	260	0.2692	nan	0.1000	-0.0003
##	280	0.2642	nan	0.1000	-0.0001
		0.2570			
##	300	0.2370	nan	0.1000	-0.0002
	T+on	TrainDaviance	ValidDeviance	C+onCi-o	Tmnmaura
##	Iter	TrainDeviance		StepSize	Improve
##	1	1.2408	nan	0.1000	0.0628
##	2	1.1396	nan	0.1000	0.0482
##	3	1.0548	nan	0.1000	0.0417
##	4	0.9816	nan	0.1000	0.0362
##	5	0.9223	nan	0.1000	0.0292
##	6	0.8661	nan	0.1000	0.0275
##	7	0.8192	nan	0.1000	0.0221
##	8	0.7762	nan	0.1000	0.0211
##	9	0.7426	nan	0.1000	0.0165
##	10	0.7055	nan	0.1000	0.0176
##	20	0.4974	nan	0.1000	0.0051
##	40	0.3810	nan	0.1000	0.0007
##	60	0.3518	nan	0.1000	-0.0001
##	80	0.3393	nan	0.1000	-0.0004
##	100	0.3308	nan	0.1000	-0.0007
##	120	0.3234	nan	0.1000	-0.0005
##	140	0.3158	nan	0.1000	-0.0005
##	160	0.3075	nan	0.1000	-0.0006
##	180	0.3008	nan	0.1000	0.0000
##	200	0.2942	nan	0.1000	-0.0006
##	220	0.2896	nan	0.1000	-0.0006
##	240	0.2852	nan	0.1000	-0.0002
##	260	0.2788	nan	0.1000	-0.0004
##	280	0.2743	nan	0.1000	-0.0002
##	300	0.2695	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2439	nan	0.1000	0.0610
##	2	1.1386	nan	0.1000	0.0509
##	3	1.0509	nan	0.1000	0.0427
##	4	0.9768	nan	0.1000	0.0357
##	5	0.9167	nan	0.1000	0.0295
##	6	0.8648	nan	0.1000	0.0243
##	7	0.8166	nan	0.1000	0.0235
##	8	0.7764	nan	0.1000	0.0199
##	9	0.7392	nan	0.1000	0.0199
##	10	0.7053	nan	0.1000	0.0164
##	20	0.4955		0.1000	0.0168
##	40	0.3806	nan	0.1000	0.0002
	40 60		nan		
##		0.3518	nan	0.1000	-0.0001
##	80 100	0.3393	nan	0.1000	-0.0001
##	100	0.3286	nan	0.1000	-0.0005
##	120	0.3191	nan	0.1000	-0.0005
##	140	0.3128	nan	0.1000	-0.0006
##	160	0.3044	nan	0.1000	-0.0004
##	180	0.2991	nan	0.1000	-0.0004
##	200	0.2926	nan	0.1000	-0.0004
##	220	0.2854	nan	0.1000	-0.0002

##	240	0.2791	nan	0.1000	-0.0003
##	260	0.2742	nan	0.1000	-0.0004
##	280	0.2699	nan	0.1000	-0.0003
##	300	0.2650	nan	0.1000	-0.0003
##	500	0.2000		0.2000	0.000
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2431		•	0.0606
			nan	0.1000	
##	2	1.1386	nan	0.1000	0.0524
##	3	1.0508	nan	0.1000	0.0420
##	4	0.9785	nan	0.1000	0.0359
##	5	0.9139	nan	0.1000	0.0317
##	6	0.8608	nan	0.1000	0.0269
##	7	0.8173	nan	0.1000	0.0218
##	8	0.7765	nan	0.1000	0.0191
##	9	0.7382	nan	0.1000	0.0182
##	10	0.7033	nan	0.1000	0.0171
	20				
##		0.4937	nan	0.1000	0.0058
##	40	0.3804	nan	0.1000	0.0009
##	60	0.3500	nan	0.1000	-0.0003
##	80	0.3391	nan	0.1000	-0.0000
##	100	0.3287	nan	0.1000	-0.0004
##	120	0.3201	nan	0.1000	-0.0001
##	140	0.3129	nan	0.1000	-0.0002
##	160	0.3069	nan	0.1000	-0.0003
##	180	0.3004	nan	0.1000	-0.0003
##	200	0.2944	nan	0.1000	-0.0006
##	220	0.2876	nan	0.1000	-0.0003
##	240	0.2822	nan	0.1000	-0.0006
##	260	0.2778	nan	0.1000	-0.0005
##	280	0.2730	nan	0.1000	-0.0005
##	300	0.2682	nan	0.1000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2329	nan	0.1000	0.0664
##	2	1.1272	nan	0.1000	0.0543
##	3	1.0354	nan	0.1000	0.0436
##	4	0.9564	nan	0.1000	0.0369
##	5				
	6	0.8918	nan	0.1000	0.0318
##		0.8356	nan	0.1000	0.0277
##	7	0.7838	nan	0.1000	0.0253
##	8	0.7373	nan	0.1000	0.0229
##	9	0.6982	nan	0.1000	0.0190
##	10	0.6623	nan	0.1000	0.0179
##	20	0.4649	nan	0.1000	0.0056
##	40	0.3646	nan	0.1000	-0.0001
##	60	0.3304	nan	0.1000	-0.0001
##	80	0.3110	nan	0.1000	-0.0002
##	100	0.2967	nan	0.1000	-0.0004
##	120	0.2843	nan	0.1000	-0.0000
##	140	0.2740		0.1000	-0.0006
			nan		
##	160	0.2629	nan	0.1000	-0.0004
##	180	0.2531	nan	0.1000	-0.0003
##	200	0.2424	nan	0.1000	-0.0006
##	220	0.2354	nan	0.1000	-0.0004
##	240	0.2269	nan	0.1000	-0.0003
##	260	0.2183	nan	0.1000	-0.0002
##	280	0.2109	nan	0.1000	-0.0002
##	300	0.2039	nan	0.1000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2338	nan	0.1000	0.0640
##	2	1.1266	nan	0.1000	0.0522
##	3	1.0363	nan	0.1000	0.0438
##	4	0.9567	nan	0.1000	0.0377
##	5				
		0.8910	nan	0.1000	0.0316
##	6	0.8313	nan	0.1000	0.0282
##	7	0.7814	nan	0.1000	0.0237
##	8	0.7393	nan	0.1000	0.0202
##	9	0.7004	nan	0.1000	0.0194
##	10	0.6610	nan	0.1000	0.0196
##	20	0.4614	nan	0.1000	0.0052
##	40	0.3607	nan	0.1000	-0.0006
##	60	0.3297	nan	0.1000	-0.0001
##	80	0.3123	nan	0.1000	-0.0007
##	100	0.2998	nan	0.1000	0.0001
##	120	0.2887	nan	0.1000	-0.0006
##	140	0.2765		0.1000	-0.0007
			nan		-0.0007
##	160	0.2672	nan	0.1000	
##	180	0.2568	nan	0.1000	-0.0005

##	200	0.2477	nan	0.1000	-0.0002
##	220	0.2404	nan	0.1000	-0.0005
##	240	0.2331	nan	0.1000	-0.0003
##	260	0.2261	nan	0.1000	-0.0006
##	280	0.2188	nan	0.1000	-0.0001
##	300	0.2128	nan	0.1000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2349	nan	0.1000	0.0647
##	2	1.1272	nan	0.1000	0.0531
##	3	1.0337	nan	0.1000	0.0434
##	4	0.9564	nan	0.1000	0.0388
##	5	0.8914	nan	0.1000	0.0315
##	6	0.8338	nan	0.1000	0.0282
##	7	0.7855	nan	0.1000	0.0228
##	8	0.7424	nan	0.1000	0.0207
##	9	0.7043	nan	0.1000	0.0189
##	10	0.6686	nan	0.1000	0.0164
##	20	0.4599	nan	0.1000	0.0060
##	40	0.3610	nan	0.1000	0.0006
##	60	0.3350	nan	0.1000	-0.0001
##	80	0.3198	nan	0.1000	-0.0011
##	100	0.3064	nan	0.1000	0.0001
##	120	0.2969	nan	0.1000	-0.0001
##	140	0.2879	nan	0.1000	-0.0001
##	140				
##		0.2761	nan	0.1000	-0.0002 -0.0006
	180	0.2663 0.2573	nan	0.1000	-0.0006 -0.0005
##	200	0.2573	nan	0.1000	-0.0005
##	220	0.2502	nan	0.1000	-0.0006
##	240	0.2428	nan	0.1000	-0.0003
##	260	0.2351	nan	0.1000	-0.0004
##	280	0.2287	nan	0.1000	-0.0005
##	300	0.2227	nan	0.1000	-0.0003
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2350	nan	0.1000	0.0649
##	2	1.1271	nan	0.1000	0.0533
##	3	1.0395	nan	0.1000	0.0433
##	4	0.9634	nan	0.1000	0.0373
##	5	0.8955	nan	0.1000	0.0339
##	6	0.8362	nan	0.1000	0.0285
##	7	0.7866	nan	0.1000	0.0236
##	8	0.7433	nan	0.1000	0.0198
##	9	0.7031	nan	0.1000	0.0189
##	10	0.6670	nan	0.1000	0.0181
##	20	0.4600	nan	0.1000	0.0055
##	40	0.3621	nan	0.1000	0.0005
##	60	0.3367	nan	0.1000	-0.0007
##	80	0.3200	nan	0.1000	-0.0004
##	100	0.3106	nan	0.1000	-0.0004
##	120	0.2984	nan	0.1000	-0.0006
##	140	0.2861	nan	0.1000	-0.0002
##	160	0.2767	nan	0.1000	-0.0001
##	180	0.2692	nan	0.1000	-0.0003
##	200	0.2611	nan	0.1000	-0.0005
##	220	0.2519	nan	0.1000	-0.0003
##	240	0.2457	nan	0.1000	-0.0003
##	260	0.2400	nan	0.1000	-0.0002
##	280	0.2344	nan	0.1000	-0.0001
##	300	0.2285	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2281	nan	0.1000	0.0673
##	2	1.1162	nan	0.1000	0.0547
##	3	1.0221	nan	0.1000	0.0453
##	4	0.9420	nan	0.1000	0.0387
##	5	0.8744	nan	0.1000	0.0325
##	6	0.8166	nan	0.1000	0.0271
##	7	0.7639	nan	0.1000	0.0261
##	8	0.7198	nan	0.1000	0.0201
##	9	0.6804	nan	0.1000	0.0185
##	10	0.6464	nan	0.1000	0.0160
##	20	0.4508	nan	0.1000	0.0100
##	40	0.3485	nan	0.1000	0.0003
##	60	0.3146	nan	0.1000	-0.0005
##	80	0.2900	nan	0.1000	-0.0005
##	100	0.2730	nan	0.1000	-0.0003
##	120	0.2591	nan	0.1000	-0.0004
##	140	0.2440	nan	0.1000	-0.0001
ππ	140	0.2440	IIaii	3.1000	0.0004

## 166	0.2330	nan	0.1000	-0.0005
## 186	0.2221	nan	0.1000	-0.0004
## 200		nan	0.1000	-0.0005
## 226		nan	0.1000	-0.0001
## 240		nan	0.1000	-0.0002
## 260		nan	0.1000	-0.0003
## 286		nan	0.1000	-0.0005
## 300	0.1679	nan	0.1000	-0.0001
##				_
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 1		nan	0.1000	0.0684
## 2		nan	0.1000	0.0560
## 3	1.0210	nan	0.1000	0.0448
## 4	0.9408	nan	0.1000	0.0391
## 5	0.8709	nan	0.1000	0.0334
## 6	0.8124	nan	0.1000	0.0286
## 7	0.7620	nan	0.1000	0.0240
## 8	0.7159	nan	0.1000	0.0210
## 9	0.6744	nan	0.1000	0.0202
## 16	0.6419	nan	0.1000	0.0152
## 26		nan	0.1000	0.0029
## 40		nan	0.1000	-0.0000
## 60		nan	0.1000	-0.0008
## 86		nan	0.1000	-0.0003
## 106				
		nan	0.1000	-0.0005
## 126		nan	0.1000	-0.0001
## 146		nan	0.1000	-0.0009
## 166		nan	0.1000	-0.0003
## 186		nan	0.1000	-0.0009
## 200		nan	0.1000	-0.0002
## 226	0.2100	nan	0.1000	-0.0003
## 240	0.2022	nan	0.1000	-0.0007
## 260	0.1948	nan	0.1000	-0.0003
## 286	0.1880	nan	0.1000	-0.0005
## 300	0.1814	nan	0.1000	-0.0010
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 1	1.2280	nan	0.1000	0.0691
## 2	1.1143	nan	0.1000	0.0571
## 3	1.0182	nan	0.1000	0.0459
## 4		nan	0.1000	0.0385
## 5		nan	0.1000	0.0326
## 6		nan	0.1000	0.0283
## 7		nan	0.1000	0.0239
## 8		nan	0.1000	0.0220
## 9		nan	0.1000	0.0198
## 10		nan	0.1000	0.0157
## 20			0.1000	0.0051
## 40		nan		
		nan	0.1000	-0.0002
## 66		nan	0.1000	-0.0002
## 80		nan	0.1000	-0.0001
## 100		nan	0.1000	-0.0007
## 126		nan	0.1000	-0.0006
## 146		nan	0.1000	-0.0004
## 160		nan	0.1000	-0.0007
## 186		nan	0.1000	-0.0003
## 200		nan	0.1000	-0.0003
## 226		nan	0.1000	-0.0002
## 246	0.2077	nan	0.1000	-0.0001
## 260	0.2019	nan	0.1000	-0.0007
## 286	0.1949	nan	0.1000	-0.0004
## 300	0.1878	nan	0.1000	-0.0004
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 1		nan	0.1000	0.0672
## 2		nan	0.1000	0.0548
## 3		nan	0.1000	0.0450
## 4		nan	0.1000	0.0400
## 5		nan	0.1000	0.0348
## 6		nan	0.1000	0.0340
## 7			0.1000	0.0249
## 7		nan	0.1000	0.0249
## 9		nan		0.0219
		nan	0.1000	
## 16		nan	0.1000	0.0172
## 26		nan	0.1000	0.0053
## 40		nan	0.1000	0.0002
## 60		nan	0.1000	-0.0005
## 80		nan	0.1000	-0.0001
## 100	0.2892	nan	0.1000	-0.0003

	120 0.2754		0.1000	-0.0006
	140 0.2645		0.1000	-0.0003
	160 0.2538		0.1000	-0.0003
	180 0.2459		0.1000	-0.0004
	200 0.2365		0.1000	-0.0006
	220 0.2286		0.1000	-0.0004
	240 0.2212 260 0.2132		0.1000	-0.0006
	260 0.2132 280 0.2064		0.1000 0.1000	-0.0006 -0.0005
	300 0.2004 300 0.2004		0.1000	-0.0005
##	0.2004	· IIaii	0.1000	-0.0000
## Ite	r TrainDeviance	ValidDeviance	StepSize	Improve
##	1 1.0573		0.3000	0.1488
##	2 0.9005		0.3000	0.0778
##	3 0.7953		0.3000	0.0512
##	4 0.7053	nan	0.3000	0.0422
##	5 0.6555	nan	0.3000	0.0217
##	6 0.6098	nan	0.3000	0.0213
##	7 0.5739	nan	0.3000	0.0169
##	8 0.5464	nan	0.3000	0.0125
##	9 0.5162		0.3000	0.0150
##	10 0.4926		0.3000	0.0100
##	20 0.3955		0.3000	0.0040
##	40 0.3497		0.3000	-0.0001
##	60 0.3403		0.3000	-0.0006
##	80 0.3297 100 0.3226		0.3000	-0.0007 -0.0011
	100 0.3226 120 0.3160		0.3000	-0.0011
	140 0.3122		0.3000	-0.0009
	160 0.3061		0.3000	-0.0006
	180 0.3013		0.3000	-0.0009
	200 0.2976		0.3000	0.0002
	220 0.2928		0.3000	-0.0003
	240 0.2891		0.3000	-0.0008
## 2	260 0.2871	nan	0.3000	-0.0014
## 2	280 0.2831	nan	0.3000	-0.0007
## 3	300 0.2803	nan	0.3000	-0.0004
##				
## Ite		ValidDeviance	StepSize	Improve
##	1 1.0660		0.3000	0.1502
##	2 0.8946		0.3000	0.0856
##	3 0.7952		0.3000	0.0458
##	4 0.7064		0.3000	0.0444
##	5 0.6575 6 0.6106		0.3000	0.0240 0.0229
##	7 0.5711		0.3000	0.0229
##	8 0.5378		0.3000	0.0196
##	9 0.5130		0.3000	0.0114
##	10 0.4932		0.3000	0.0095
##	20 0.3997		0.3000	0.0009
##	40 0.3524	nan	0.3000	-0.0000
##	60 0.3385		0.3000	-0.0007
##	80 0.3297	nan	0.3000	-0.0019
## 3	100 0.3245		0.3000	-0.0008
	120 0.3180		0.3000	-0.0005
	140 0.3133		0.3000	-0.0011
	160 0.3077		0.3000	-0.0003
	180 0.3031		0.3000	-0.0006
	200 0.2996		0.3000	-0.0011
	220 0.2960 240 0.2924		0.3000	-0.0012 -0.0002
	260 0.2924		0.3000	-0.0002
	280 0.2860		0.3000	-0.0007
	300 0.2823		0.3000	-0.0006
##				
## Ite	r TrainDeviance	ValidDeviance	StepSize	Improve
##	1 1.0697		0.3000	0.1460
##	2 0.9006	nan	0.3000	0.0859
##	3 0.7944	nan	0.3000	0.0511
##	4 0.7091		0.3000	0.0409
##	5 0.6536		0.3000	0.0261
##	6 0.6111		0.3000	0.0196
##	7 0.5688		0.3000	0.0225
##	8 0.5385		0.3000	0.0155
##	9 0.5168		0.3000	0.0090
##	10 0.4957		0.3000	0.0093
##	20 0.4003 40 0.3480		0.3000	0.0020 -0.0001
##	60 0.3353		0.3000	-0.0013
""	0.,,,,,	IIdli	0.5000	0.0013

##	80	0.3267	nan	0.3000	-0.0004
##	100	0.3206	nan	0.3000	-0.0008
##	120	0.3169	nan	0.3000	-0.0008
##	140	0.3108	nan	0.3000	-0.0005
##	160	0.3080	nan	0.3000	-0.0014
##	180	0.3039		0.3000	-0.0014
			nan		
##	200	0.3010	nan	0.3000	-0.0006
##	220	0.2977	nan	0.3000	-0.0008
##	240	0.2949	nan	0.3000	-0.0002
##	260	0.2900	nan	0.3000	-0.0003
##	280	0.2881	nan	0.3000	-0.0008
##	300	0.2851	nan	0.3000	-0.0012
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0599	nan	0.3000	0.1488
##	2	0.9030	nan	0.3000	0.0821
	3				
##		0.7997	nan	0.3000	0.0479
##	4	0.7139	nan	0.3000	0.0444
##	5	0.6619	nan	0.3000	0.0234
##	6	0.6134	nan	0.3000	0.0242
##	7	0.5718	nan	0.3000	0.0167
##	8	0.5408	nan	0.3000	0.0160
##	9	0.5184	nan	0.3000	0.0100
##	10	0.4959	nan	0.3000	0.0092
##	20	0.3974	nan	0.3000	0.0013
##	40	0.3501	nan	0.3000	-0.0003
##	60	0.3382	nan	0.3000	-0.0008
##	80	0.3313	nan	0.3000	-0.0008
		0.3313			
##	100		nan	0.3000	-0.0003
##	120	0.3196	nan	0.3000	-0.0005
##	140	0.3147	nan	0.3000	-0.0006
##	160	0.3091	nan	0.3000	-0.0008
##	180	0.3057	nan	0.3000	-0.0006
##	200	0.3022	nan	0.3000	-0.0013
##	220	0.2989	nan	0.3000	-0.0013
##	240	0.2954	nan	0.3000	-0.0013
##	260	0.2921	nan	0.3000	-0.0008
##	280	0.2882	nan	0.3000	-0.0020
##	300	0.2848	nan	0.3000	-0.0020
	300	0.2040	IIaII	0.3000	-0.0009
##	T1	T	V-1146 - 1	61 61	.
##	Iter	TrainDeviance			
			ValidDeviance	StepSize	Improve
##	1	1.0359	nan	0.3000	0.1641
	1 2	1.0359 0.8437		0.3000 0.3000	0.1641 0.0924
## ## ##	1 2 3	1.0359 0.8437 0.7071	nan	0.3000 0.3000 0.3000	0.1641 0.0924 0.0651
## ##	1 2 3 4	1.0359 0.8437	nan nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398
## ## ##	1 2 3	1.0359 0.8437 0.7071	nan nan nan	0.3000 0.3000 0.3000	0.1641 0.0924 0.0651
## ## ## ##	1 2 3 4	1.0359 0.8437 0.7071 0.6275	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398
## ## ## ##	1 2 3 4 5	1.0359 0.8437 0.7071 0.6275 0.5479	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349
## ## ## ## ##	1 2 3 4 5 6 7	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016	nan nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001
## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0009 -0.0011
## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0009 -0.00011
## ## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0009 -0.0011 -0.0006 -0.0010
## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0009 -0.00011
## ## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0009 -0.0011 -0.0006 -0.0010
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0009 -0.0011 -0.0006 -0.0010 -0.0004
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0009 -0.0011 -0.0006 -0.0010 -0.0004 -0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0009 -0.0011 -0.0006 -0.0010 -0.0010 -0.0010 -0.0004 -0.0001
######################################	1 2 3 3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 220 240 260 260 260 260 260 260 260 260 260 26	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0006 -0.0010 -0.0010 -0.0010 -0.0010 -0.0010 -0.0010 -0.0010 -0.0010 -0.0010 -0.0010 -0.0010 -0.0014 -0.0001
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0009 -0.0011 -0.0006 -0.0010 -0.0001 -0.0004 -0.0001 -0.0001
######################################	1 2 3 3 4 5 6 7 7 8 9 10 20 40 60 80 120 140 160 180 220 240 220 240 260 280 290 200 200 200 200 200 200 200 200 20	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1638 0.1568	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0006 -0.0010 -0.0010 -0.0014 -0.0024 -0.0011 -0.0009
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1638 0.1568 TrainDeviance	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0004 -0.0010 -0.0004 -0.0001 -0.0004 -0.0001 -0.0009
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0009 -0.0011 -0.0004 -0.0014 -0.0004 -0.0011 -0.0009 Improve 0.1641
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309 0.8422	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0004 -0.0010 -0.0014 -0.0004 -0.0011 -0.0009 Improve 0.1641 0.0879
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0009 -0.0011 -0.0004 -0.0010 -0.0014 -0.0024 -0.0011 -0.0009 Improve 0.1641 0.0879 0.0594
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 4	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178 0.6283	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0004 -0.0010 -0.0014 -0.0024 -0.0011 -0.0009 Improve 0.1641 0.0879 0.0594 0.0411
######################################	1 2 3 4 4 5 6 6 7 8 9 100 200 400 1200 1400 1600 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 5	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0009 -0.0011 -0.0004 -0.0010 -0.0014 -0.0024 -0.0011 -0.0009 Improve 0.1641 0.0879 0.0594
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 4	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178 0.6283	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0004 -0.0010 -0.0014 -0.0024 -0.0011 -0.0009 Improve 0.1641 0.0879 0.0594 0.0411
######################################	1 2 3 4 4 5 6 6 7 8 9 100 200 400 1200 1400 1600 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 5	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178 0.6283 0.5619	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0013 -0.0001 -0.0004 -0.0010 -0.0014 -0.0024 -0.0011 -0.0009 Improve 0.1641 0.0879 0.0594 0.0411 0.0315
######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 400 1200 1400 1600 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 6 6	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178 0.6283 0.5619 0.5105	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0009 -0.0011 -0.0004 -0.0014 -0.0014 -0.0024 -0.0011 -0.0009 Improve 0.1641 0.0879 0.0594 0.0411 0.0315 0.0227
######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 1400 1600 1200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 6 6 7	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178 0.6283 0.5619 0.5105 0.4773	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0009 -0.0011 -0.0004 -0.0014 -0.0024 -0.0011 -0.009 Improve 0.1641 0.0879 0.0594 0.0411 0.0315 0.0227 0.0132
######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 200 1400 1600 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 6 6 7 8 8	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178 0.6283 0.5619 0.5105 0.4773 0.4531	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0009 -0.0011 -0.0004 -0.0014 -0.0014 -0.0024 -0.0011 -0.0099 Improve 0.1641 0.0879 0.0594 0.0411 0.0315 0.0227 0.0132 0.0107
######################################	1 2 3 4 4 5 6 6 7 8 8 9 100 220 240 260 280 300 Iter 1 2 3 4 4 5 6 6 7 8 8 9	1.0359 0.8437 0.7071 0.6275 0.5479 0.5013 0.4642 0.4441 0.4280 0.4099 0.3525 0.3222 0.3016 0.2824 0.2594 0.2464 0.2326 0.2192 0.2091 0.1987 0.1867 0.1795 0.1699 0.1638 0.1568 TrainDeviance 1.0309 0.8422 0.7178 0.6283 0.5619 0.5105 0.4773 0.4531 0.4308	nan	0.3000 0.3000	0.1641 0.0924 0.0651 0.0398 0.0349 0.0212 0.0169 0.0081 0.0059 0.0079 0.0002 -0.0023 -0.0010 -0.0011 -0.0009 -0.0011 -0.0004 -0.0014 -0.0014 -0.0024 -0.0011 -0.0099 Improve 0.1641 0.0879 0.0594 0.0411 0.0315 0.0227 0.0132 0.0107 0.0101

##					
##	40	0.3227	nan	0.3000	0.0001
##	60	0.3032	nan	0.3000	-0.0007
##	80	0.2817	nan	0.3000	-0.0001
##	100	0.2691	nan	0.3000	-0.0010
##	120	0.2511	nan	0.3000	-0.0010
##	140	0.2401		0.3000	
			nan		-0.0012
##	160	0.2291	nan	0.3000	-0.0010
##	180	0.2216	nan	0.3000	-0.0009
##	200	0.2120	nan	0.3000	-0.0008
##	220	0.2031	nan	0.3000	-0.0013
##	240	0.1932	nan	0.3000	-0.0012
##	260	0.1842	nan	0.3000	-0.0010
##	280	0.1755	nan	0.3000	-0.0002
##	300	0.1681	nan	0.3000	-0.0014
##	500	0.2002		0.5000	0.002.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1			•	•
	2	1.0421	nan	0.3000	0.1647
##		0.8506	nan	0.3000	0.0934
##	3	0.7153	nan	0.3000	0.0643
##	4	0.6350	nan	0.3000	0.0369
##	5	0.5615	nan	0.3000	0.0351
##	6	0.5137	nan	0.3000	0.0223
##	7	0.4735	nan	0.3000	0.0173
##	8	0.4429	nan	0.3000	0.0129
##	9	0.4255	nan	0.3000	0.0080
##	10	0.4096	nan	0.3000	0.0068
##	20	0.3570	nan	0.3000	-0.0002
##	40	0.3298	nan	0.3000	-0.0021
##	60	0.3073		0.3000	-0.0021
##	80	0.2872	nan nan	0.3000	-0.0018
##	100	0.2745	nan	0.3000	-0.0011
##	120	0.2636	nan	0.3000	-0.0019
##	140	0.2533	nan	0.3000	-0.0017
##	160	0.2408	nan	0.3000	-0.0029
##	180	0.2303	nan	0.3000	-0.0005
##	200	0.2222	nan	0.3000	-0.0014
##	220	0.2163	nan	0.3000	-0.0007
##	240	0.2103	nan	0.3000	-0.0005
##	260	0.2007	nan	0.3000	-0.0003
##	280	0.1941	nan	0.3000	-0.0002
##	300	0.1879	nan	0.3000	-0.0010
##	300	0.1079	IIaii	0.3000	-0.0010
	T±on	TrainDaviance	ValidDaviance	CtonCina	Tmnmaura
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0384	nan	0.3000	0.1691
##	2	0.8502		0.3000	M MUZIX
##			nan		0.0948
##	3	0.7221	nan nan	0.3000	0.0626
	4	0.7221 0.6375		0.3000	0.0626 0.0399
##	4 5	0.7221	nan		0.0626
	4	0.7221 0.6375	nan nan	0.3000	0.0626 0.0399
##	4 5	0.7221 0.6375 0.5695	nan nan nan	0.3000 0.3000	0.0626 0.0399 0.0333
## ##	4 5 6	0.7221 0.6375 0.5695 0.5164	nan nan nan nan	0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230
## ## ##	4 5 6 7	0.7221 0.6375 0.5695 0.5164 0.4795	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184
## ## ## ##	4 5 6 7 8	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102
## ## ## ##	4 5 6 7 8 9	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099
## ## ## ## ##	4 5 6 7 8 9	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069
## ## ## ## ##	4 5 6 7 8 9 10 20 40	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009
## ## ## ## ## ## ##	4 5 6 7 7 8 8 9 100 200 400 600 800 1000	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009 -0.0003
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009 -0.0003 -0.0014 -0.0051
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009 -0.0003 -0.0014 -0.0051 -0.0006
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009 -0.0003 -0.0014 -0.0051 -0.0006 -0.0018
## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0006 -0.0018 -0.0014
## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0006 -0.0018 -0.0014 -0.0015
## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009 -0.0003 -0.0014 -0.0051 -0.0018 -0.0018 -0.0015 -0.0021
## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009 -0.0003 -0.0014 -0.0051 -0.0018 -0.0014 -0.0015 -0.0015 -0.0021 -0.0016
## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009 -0.0003 -0.0014 -0.0051 -0.0018 -0.0018 -0.0015 -0.0021
## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0009 -0.0003 -0.0014 -0.0051 -0.0018 -0.0014 -0.0015 -0.0015 -0.0021 -0.0016
## ## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0018 -0.0014 -0.0015 -0.0021 -0.0016 -0.0007
## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2025 0.1917	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0018 -0.0014 -0.0015 -0.0015 -0.0021 -0.0007 -0.0010
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2025 0.1917	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0015 -0.0018 -0.0015 -0.0016 -0.0016 -0.0016 -0.0016 -0.0007 -0.00010 -0.0003
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0018 -0.0014 -0.0015 -0.0016 -0.0016 -0.0016 -0.0007 -0.0003
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0018 -0.0015 -0.0021 -0.0016 -0.0007 -0.0010 -0.0003
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150 0.8044	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0015 -0.0015 -0.0021 -0.0016 -0.0007 -0.0010 -0.0003
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150 0.8044 0.6821	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0018 -0.0015 -0.0016 -0.0016 -0.0016 -0.0010 -0.0003 Improve 0.1737 0.0993 0.0587
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150 0.8044 0.6821 0.5985	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0015 -0.0016 -0.0016 -0.0016 -0.0007 -0.0010 -0.0003 Improve 0.1737 0.0993 0.0587 0.0361
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150 0.8044 0.6821 0.5985 0.5292	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0018 -0.0015 -0.0016 -0.0016 -0.0016 -0.0010 -0.0003 Improve 0.1737 0.0993 0.0587 0.0361 0.0305
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150 0.8044 0.6821 0.5985 0.5292 0.4854	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0016 -0.0015 -0.0016 -0.0016 -0.0016 -0.0010 -0.0003 Improve 0.1737 0.0993 0.0587 0.0361 0.0305 0.0216
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150 0.8044 0.6821 0.5985 0.5292 0.4854 0.4542	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0016 -0.0015 -0.0016 -0.0016 -0.0016 -0.0010 -0.0003 Improve 0.1737 0.0993 0.0587 0.0361 0.0305 0.0216 0.0137
######################################	4 5 6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 3 4 5 6 7 7 8	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150 0.8044 0.6821 0.5985 0.5292 0.4854 0.4542 0.4377	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0018 -0.0015 -0.0016 -0.0016 -0.0016 -0.0010 -0.0003 Improve 0.1737 0.0993 0.0587 0.0361 0.0305 0.0216 0.0137 0.0054
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5 6 7	0.7221 0.6375 0.5695 0.5164 0.4795 0.4525 0.4295 0.4142 0.3565 0.3296 0.3070 0.2894 0.2775 0.2678 0.2566 0.2470 0.2376 0.2250 0.2157 0.2093 0.2025 0.1917 0.1847 TrainDeviance 1.0150 0.8044 0.6821 0.5985 0.5292 0.4854 0.4542	nan	0.3000 0.3000	0.0626 0.0399 0.0333 0.0230 0.0184 0.0102 0.0099 0.0069 0.0007 -0.0029 -0.0003 -0.0014 -0.0051 -0.0016 -0.0015 -0.0016 -0.0016 -0.0016 -0.0010 -0.0003 Improve 0.1737 0.0993 0.0587 0.0361 0.0305 0.0216 0.0137

##	10	0.3980	nan	0.3000	0.0033
##	20	0.3434	nan	0.3000	0.0008
##	40	0.2981	nan	0.3000	-0.0014
	60				
##		0.2678	nan	0.3000	-0.0029
##	80	0.2463	nan	0.3000	-0.0005
##	100	0.2240	nan	0.3000	-0.0011
##	120	0.2449	nan	0.3000	-0.0325
##	140	0.1984	nan	0.3000	-0.0003
##	160	0.1883	nan	0.3000	-0.0012
##	180	0.1759	nan	0.3000	-0.0014
		0.1593			
##	200		nan	0.3000	-0.0010
##	220	0.1474	nan	0.3000	-0.0007
##	240	inf	nan	0.3000	nan
##	260	inf	nan	0.3000	nan
##	280	inf	nan	0.3000	nan
##	300	inf	nan	0.3000	nan
##	500			0.5000	
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	
##	1	1.0124	nan	0.3000	0.1754
##	2	0.8153	nan	0.3000	0.0930
##	3	0.6779	nan	0.3000	0.0651
##	4	0.5838	nan	0.3000	0.0457
##	5	0.5221	nan	0.3000	0.0293
##	6	0.4762	nan	0.3000	0.0211
##	7	0.4472	nan	0.3000	0.0123
##	8	0.4259	nan	0.3000	0.0093
##	9	0.4112	nan	0.3000	0.0050
##	10	0.3979	nan	0.3000	0.0039
##	20	0.3397	nan	0.3000	-0.0022
##	40	0.3041	nan	0.3000	-0.0009
##	60	0.2705	nan	0.3000	-0.0015
##	80	0.2427	nan	0.3000	-0.0017
##	100	0.2235	nan	0.3000	-0.0008
##	120	0.2024	nan	0.3000	0.0001
##	140	0.1908	nan	0.3000	-0.0014
##	160	0.1760	nan	0.3000	-0.0008
##	180	0.1638	nan	0.3000	-0.0016
##	200	0.1533	nan	0.3000	-0.0008
##	220	0.1408	nan	0.3000	-0.0010
##	240	0.1303	nan	0.3000	-0.0001
##	260	0.1218	nan	0.3000	-0.0011
##	280	0.1140	nan	0.3000	-0.0009
##	300	0.1095	nan	0.3000	-0.0019
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0154	nan	0.3000	0.1719
##	2	0.8155		0.3000	0.0980
		0.0133	nan		
##		0 6021			
	3	0.6931	nan	0.3000	0.0580
##	4	0.5931	nan nan	0.3000	0.0580 0.0483
##	4 5				0.0580
	4 5 6	0.5931	nan	0.3000	0.0580 0.0483
##	4 5	0.5931 0.5250	nan nan	0.3000 0.3000	0.0580 0.0483 0.0312
## ##	4 5 6	0.5931 0.5250 0.4783	nan nan nan	0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194
## ## ## ##	4 5 6 7 8	0.5931 0.5250 0.4783 0.4455 0.4261	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078
## ## ## ##	4 5 6 7 8 9	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058
## ## ## ## ##	4 5 6 7 8 9	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060
## ## ## ## ## ##	4 5 6 7 8 9 10 20	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024
## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844	nan nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393 0.2244	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005
## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0000
## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0000
## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0000 -0.0009 -0.0007
## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0000 -0.0009 -0.0007 -0.0008
## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0000 -0.0009 -0.0007
## ## ## ## ## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.00009 -0.00097 -0.0008
## ## ## ## ## ## ## ## ##	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0009 -0.0009 -0.0009 -0.0009 -0.0008 -0.0004 -0.0004
## ###################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0009 -0.0009 -0.0009 -0.0009 -0.0004 -0.0004 -0.00011
## ###################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0000 -0.0009 -0.0007 -0.0008 -0.0004 -0.0004
## ###################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0006 -0.0005 0.0000 -0.0009 -0.0007 -0.0008 -0.0004 -0.00011 -0.0002 -0.0001
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0008 -0.0006 -0.0009 -0.0009 -0.0007 -0.0008 -0.0004 -0.0011 -0.0002 -0.0011
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0006 -0.0006 -0.0007 -0.0008 -0.0007 -0.0008 -0.00011 -0.0002 -0.0011
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0008 -0.0006 -0.0009 -0.0009 -0.0009 -0.0009 -0.0008 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0006 -0.0006 -0.0007 -0.0008 -0.0007 -0.0008 -0.00011 -0.0002 -0.0011
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312 TrainDeviance 1.0069 0.8109 0.6726	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0006 -0.0009 -0.0009 -0.0007 -0.0008 -0.0004 -0.0011 -0.0002 -0.0011
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312 TrainDeviance 1.0069 0.8109 0.6726 0.5868	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0009 -0.0009 -0.0007 -0.0008 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0002 -0.0011 -0.0002 -0.0011
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312 TrainDeviance 1.0069 0.8109 0.6726 0.5868 0.5206	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0009 -0.0009 -0.0007 -0.0008 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0002 -0.0011 -0.0002 -0.0011 Improve 0.1698 0.0962 0.0665 0.0409 0.0302
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5 6	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312 TrainDeviance 1.0069 0.8109 0.6726 0.5868 0.5206 0.4793	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0007 -0.0009 -0.0007 -0.0008 -0.0011 -0.0002 -0.0011 -0.0002 -0.0011 -0.0002 -0.0011
######################################	4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2 3 4 5	0.5931 0.5250 0.4783 0.4455 0.4261 0.4098 0.3950 0.3443 0.3034 0.2844 0.2604 0.2393 0.2244 0.2123 0.2010 0.1864 0.1743 0.1655 0.1546 0.1468 0.1390 0.1312 TrainDeviance 1.0069 0.8109 0.6726 0.5868 0.5206	nan	0.3000 0.3000	0.0580 0.0483 0.0312 0.0194 0.0137 0.0078 0.0058 0.0060 -0.0011 0.0002 -0.0024 -0.0003 -0.0008 -0.0016 -0.0005 0.0009 -0.0009 -0.0007 -0.0008 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0002 -0.0011 -0.0002 -0.0011 Improve 0.1698 0.0962 0.0665 0.0409 0.0302

##	8	0.4199	nan	0.3000	0.0094
##	9	0.4061	nan	0.3000	0.0060
##	10	0.3899	nan	0.3000	0.0065
##	20	0.3371	nan	0.3000	-0.0012
##	40	0.3039	nan	0.3000	-0.0025
##	60	0.2776		0.3000	-0.0023
			nan		
##	80	0.2602	nan	0.3000	-0.0014
##	100	0.2445	nan	0.3000	-0.0021
##	120	0.2286	nan	0.3000	-0.0027
##	140	0.2142	nan	0.3000	-0.0015
##	160	0.2002	nan	0.3000	-0.0011
##	180	0.1858	nan	0.3000	-0.0015
##	200	0.1738	nan	0.3000	-0.0018
##	220	0.1599	nan	0.3000	-0.0014
##	240	0.1508	nan	0.3000	-0.0006
##	260	0.1414	nan	0.3000	-0.0009
##	280	0.1347	nan	0.3000	-0.0012
##	300	0.1269		0.3000	-0.0012
##	300	0.1209	nan	0.3000	-0.0000
	T+	Tariabania	V-1 - dD	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0026	nan	0.3000	0.1795
##	2	0.7946	nan	0.3000	0.0997
##	3	0.6685	nan	0.3000	0.0602
##	4	0.5772	nan	0.3000	0.0375
##	5	0.5124	nan	0.3000	0.0320
##	6	0.4636	nan	0.3000	0.0221
##	7	0.4323	nan	0.3000	0.0133
##	8	0.4078	nan	0.3000	0.0107
##	9	0.3955	nan	0.3000	0.0013
##	10	0.3817	nan	0.3000	0.0013
##	20	0.3261	nan	0.3000	-0.0019
##	40	0.2739	nan	0.3000	-0.0019
##	60	0.2409	nan	0.3000	-0.0021
##	80	inf	nan	0.3000	nan
##	100	inf	nan	0.3000	nan
##	120	inf	nan	0.3000	nan
##	140	inf	nan	0.3000	nan
##	160	inf	nan	0.3000	nan
##	180	inf	nan	0.3000	nan
##	200	inf	nan	0.3000	nan
##	220	inf	nan	0.3000	nan
##	240	inf	nan	0.3000	nan
		inf		1 1111	
##	260		nan	0.3000	nan
##	280	inf	nan	0.3000	nan
##	300	inf	nan	0.3000	nan
##	T+	Taniabaniaaaa	V=1 - dD=d====	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0026	nan	0.3000	0.1821
##	2	0.7994	nan	0.3000	0.0984
##	3	0.6676	nan	0.3000	0.0630
##	4	0.5697	nan	0.3000	0.0460
##	5	0.5088	nan	0.3000	0.0289
##	6	0.4622	nan	0.3000	0.0182
##	7	0.4269	nan	0.3000	0.0158
##	8	0.4034	nan	0.3000	0.0077
##	9	0.3912	nan	0.3000	-0.0002
##	10	0.3761	nan	0.3000	0.0047
##	20	0.3238	nan	0.3000	-0.0032
##	40	0.2782	nan	0.3000	-0.0013
##	60	0.2370	nan	0.3000	-0.0008
##	80	0.2111	nan	0.3000	-0.0000
	100				
##		0.1891	nan	0.3000	-0.0017
##	120	0.1697	nan	0.3000	-0.0028
##	140	0.1497	nan	0.3000	-0.0006
##	160	0.1334	nan	0.3000	-0.0006
##	180	0.1189	nan	0.3000	-0.0004
##	200	0.1079	nan	0.3000	-0.0008
##	220	0.0990	nan	0.3000	-0.0010
##	240	0.0921	nan	0.3000	-0.0007
##	260	0.0846	nan	0.3000	-0.0005
##	280	0.0790	nan	0.3000	-0.0002
##	300	0.0729	nan	0.3000	-0.0004
##		•			
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9983	nan	0.3000	0.1783
##	2	0.7920		0.3000	0.1783
##	3		nan		
		0.6651	nan	0.3000	0.0602
##	4	0.5792	nan	0.3000	0.0393
##	5	0.5171	nan	0.3000	0.0279

##	6	0.4707	nan	0.3000	0.0208
##	7	0.4396	nan	0.3000	0.0122
##	8	0.4133	nan	0.3000	0.0094
##	9	0.3913	nan	0.3000	0.0101
##	10 20	0.3792 0.3256	nan	0.3000 0.3000	0.0042 0.0004
##	40	0.2832	nan nan	0.3000	-0.0031
##	60	0.2532	nan	0.3000	-0.0031
##	80	0.2270	nan	0.3000	-0.0017
##	100	0.2036	nan	0.3000	-0.0013
##	120	0.1852	nan	0.3000	-0.0010
##	140	0.1665	nan	0.3000	-0.0010
##	160	0.1524	nan	0.3000	-0.0008
##	180	0.1385	nan	0.3000	-0.0016
##	200	0.1287	nan	0.3000	-0.0006
##	220	0.1184	nan	0.3000	-0.0009
##	240	0.1086	nan	0.3000	-0.0007
##	260	0.1004	nan	0.3000	-0.0008
##	280	0.0927	nan	0.3000	-0.0006
##	300	0.0864	nan	0.3000	-0.0010
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9991	nan	0.3000	0.1815
##	2	0.7955	nan	0.3000	0.1013
##	3	0.6608	nan	0.3000	0.0647
##	4	0.5782	nan	0.3000	0.0375
##	5	0.5103	nan	0.3000	0.0326
##	6	0.4688	nan	0.3000	0.0171
##	7	0.4351	nan	0.3000	0.0127
##	8	0.4084	nan	0.3000	0.0099
##	9	0.3957	nan	0.3000	0.0045
##	10	0.3838	nan	0.3000	0.0044
##	20	0.3287	nan	0.3000	0.0003
##	40	0.2847	nan	0.3000	-0.0015
##	60	0.2514	nan	0.3000	-0.0018
##	80	0.2253	nan	0.3000	-0.0020
##	100	0.2063	nan	0.3000	-0.0013
##	120	0.1872	nan	0.3000	-0.0009
##	140	0.1744	nan	0.3000	-0.0027
##	160	0.1597	nan	0.3000	-0.0012
##	180	0.1462	nan	0.3000	-0.0009
##	200	0.1348	nan	0.3000	-0.0003
##	220	0.1255	nan	0.3000	-0.0009
##	240	0.1155	nan	0.3000	-0.0008
##	260	0.1067	nan	0.3000	-0.0010
##	280	0.0993	nan	0.3000	-0.0007
##	300	0.0911	nan	0.3000	-0.0006
##	Iter	TrainDeviance	ValidDoviance	StanSiza	Tmnrove
##		TrainDeviance 1.2455	ValidDeviance	StepSize 0.1000	Improve 0.0614
##	1 2	1.1435	nan nan	0.1000	0.0514
##	3	1.0548	nan	0.1000	0.0310
##	4	0.9855	nan	0.1000	0.0427
##	5	0.9232	nan	0.1000	0.0338
##	6	0.8717	nan	0.1000	0.0252
##	7	0.8195	nan	0.1000	0.0232
##	8	0.7792	nan	0.1000	0.0240
##	9	0.7434	nan	0.1000	0.0164
##	10	0.7127	nan	0.1000	0.0144
##	20	0.5061	nan	0.1000	0.0061
##	40	0.3885	nan	0.1000	0.0008
##	60	0.3589	nan	0.1000	0.0002
##	80	0.3463	nan	0.1000	-0.0001
##	100	0.3371	nan	0.1000	-0.0003

```
# predictions
gbm.preds <- predict(gbm.model, test)
# confusion matrix of the GBM model</pre>
```

confusionMatrix(gbm.preds, test\$Class)

```
## Confusion Matrix and Statistics
##
##
            Reference
## Prediction Cammeo Osmancik
##
    Cammeo
                457
                         48
                         606
##
    0smancik
                 32
##
##
                  Accuracy : 0.93
##
                   95% CI: (0.9136, 0.9441)
##
      No Information Rate : 0.5722
##
      P-Value [Acc > NIR] : < 2e-16
##
##
                    Kappa : 0.8576
##
##
   Mcnemar's Test P-Value : 0.09353
##
##
              Sensitivity : 0.9346
##
              Specificity: 0.9266
           Pos Pred Value : 0.9050
##
           Neg Pred Value : 0.9498
##
               Prevalence: 0.4278
##
##
           Detection Rate: 0.3998
      Detection Prevalence : 0.4418
##
##
        Balanced Accuracy : 0.9306
##
          'Positive' Class : Cammeo
##
```

##