Rice-Classification.R

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2024-04-25

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
```

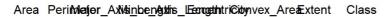
This version of gbm is no longer under development. Consider transitioning to gbm3, https://github.com/gbm-dev

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>
```



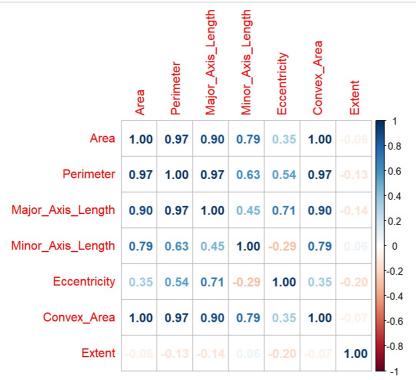


```
##
        Area Perimeter Major_Axis_Length Minor_Axis_Length Eccentricity
## 3810
           1
                     1
                                       1
                                                         1
                                                                       1
##
           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
```

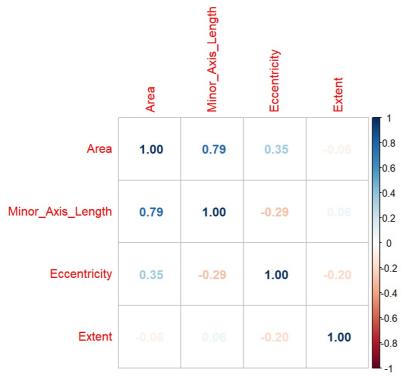
```
##
## Cammeo Osmancik
## 1630 2180
```

```
# 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>
```



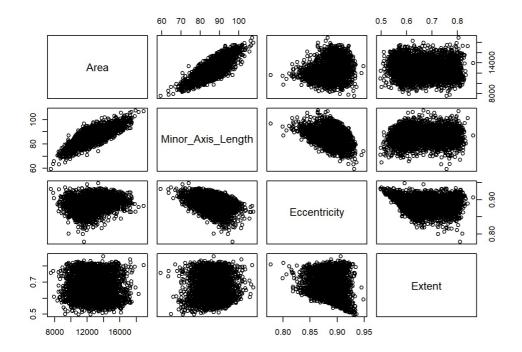
```
# test & train split
split <- sample.split(df$Class, SplitRatio = 0.7)
test <- subset(df, split == FALSE)
train <- subset(df, split == TRUE)
# dim of the train set
dim(train)</pre>
```

```
## [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|)
                                           3.597 0.000322 ***
## (Intercept)
                     2.020e+02 5.617e+01
                     -5.823e-04 8.823e-04 -0.660 0.509280
## Area
## Minor_Axis_Length -4.022e-01 2.610e-01
                                           -1.541 0.123377
## Eccentricity
                    -1.793e+02 5.032e+01
                                           -3.564 0.000365 ***
                     1.588e-01 1.059e+00
## Extent
                                           0.150 0.880748
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##
      Null deviance: 3641.5 on 2666 degrees of freedom
## Residual deviance: 1023.0 on 2662 degrees of freedom
## AIC: 1033
##
## Number of Fisher Scoring iterations: 7
```

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

```
## Start: AIC=1033.04
## Class ~ Area + Minor Axis Length + Eccentricity + Extent
##
                      Df Deviance
##
                                     AIC
## - Extent
                           1023.1 1031.1
## - Area
                           1023.5 1031.5
                           1023.0 1033.0
## <none>
## - Minor Axis Length 1
                         1025.4 1033.4
## - Eccentricity
                       1 1036.0 1044.0
##
## Step: AIC=1031.06
## Class ~ Area + Minor Axis Length + Eccentricity
##
##
                      Df Deviance
## - Area
                       1 1023.5 1029.5
## <none>
                           1023.1 1031.1
## - Minor_Axis_Length 1 1025.4 1031.4
## - Eccentricity
                       1 1036.0 1042.0
##
## Step: AIC=1029.5
## Class ~ Minor_Axis_Length + Eccentricity
##
##
                      Df Deviance
                                     AIC
## <none>
                           1023.5 1029.5
## - Minor Axis Length 1
                           2499.3 2503.3
                       1 3213.8 3217.8
## - Eccentricity
```

```
# 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
##
    Cammeo
                452
                       34
##
     Osmancik
                 37
                          620
##
##
                  Accuracy: 0.9379
##
                   95% CI: (0.9223, 0.9512)
##
       No Information Rate: 0.5722
##
      P-Value [Acc > NIR] : <2e-16
##
##
                     Kappa: 0.873
##
    Mcnemar's Test P-Value: 0.8124
##
##
##
               Sensitivity: 0.9480
##
               Specificity: 0.9243
##
            Pos Pred Value: 0.9437
##
            Neg Pred Value: 0.9300
##
                Prevalence: 0.5722
##
           Detection Rate: 0.5424
##
      Detection Prevalence: 0.5748
##
         Balanced Accuracy: 0.9362
##
##
          'Positive' Class : Osmancik
##
```

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

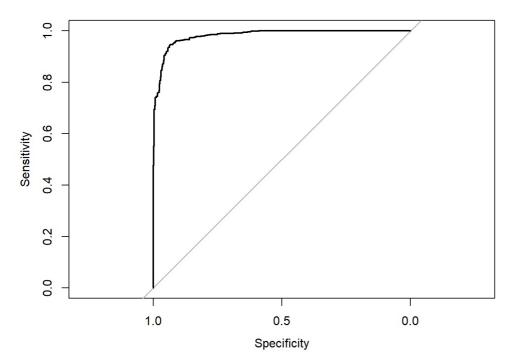
```
## Setting levels: control = Cammeo, case = Osmancik
```

```
## 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: 0.9816</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$mtry, ...): invalid mtry:
## warning in randomForest.default(x, y, mtry = param$mtry, ...): invalid mtry:
## reset to within valid range

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

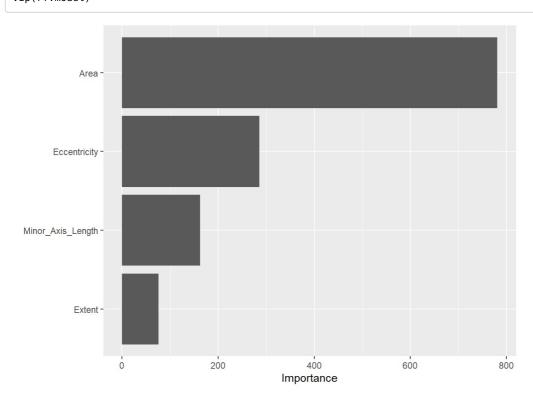
```
# best tune
parameter.search.rf$bestTune
```

```
## mtry
## 2 2
```

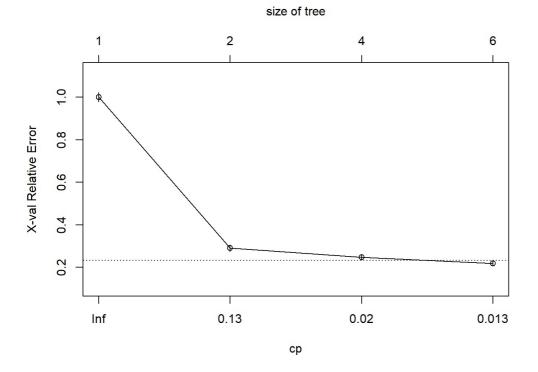
```
# building a rf with the best tune parameters
rf.model <- randomForest(Class ~., train, mtry = parameter.search.rf$bestTune$mtry, ntree = 10)
# predictions of the RF model
rf.preds <- predict(rf.model, test)
# confusion matrix of the RF model
confusionMatrix(rf.preds, test$Class)</pre>
```

```
## Confusion Matrix and Statistics
##
##
             Reference
## Prediction Cammeo Osmancik
##
     Cammeo
                 445
                           53
##
     0smancik
                  44
                          601
##
##
                  Accuracy: 0.9151
##
                    95% CI: (0.8975, 0.9306)
##
      No Information Rate : 0.5722
##
       P-Value [Acc > NIR] : <2e-16
##
                     Kappa : 0.8271
##
##
##
   Mcnemar's Test P-Value : 0.4166
##
##
               Sensitivity: 0.9100
##
               Specificity: 0.9190
            Pos Pred Value : 0.8936
##
            Neg Pred Value: 0.9318
##
##
                Prevalence: 0.4278
##
            Detection Rate: 0.3893
##
      Detection Prevalence: 0.4357
##
         Balanced Accuracy: 0.9145
##
##
          'Positive' Class : Cammeo
##
```

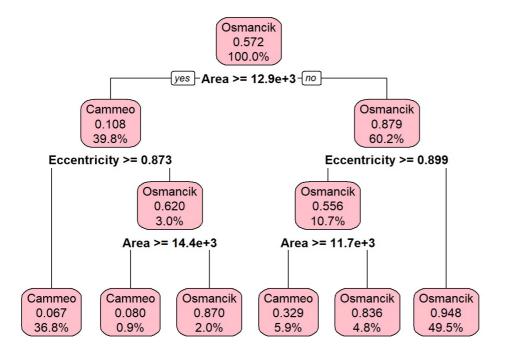
variable importance vip(rf.model)



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



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



```
# predictions of the CT model
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
                 450
                           51
##
     0smancik
                  39
                          603
##
##
                  Accuracy: 0.9213
                    95% CI : (0.9041, 0.9362)
##
##
      No Information Rate : 0.5722
##
       P-Value [Acc > NIR] : <2e-16
##
##
                     Kappa : 0.8397
##
   Mcnemar's Test P-Value : 0.2463
##
##
##
               Sensitivity: 0.9202
##
               Specificity: 0.9220
            Pos Pred Value: 0.8982
##
##
            Neg Pred Value: 0.9393
##
                Prevalence: 0.4278
            Detection Rate : 0.3937
##
##
      Detection Prevalence: 0.4383
##
         Balanced Accuracy: 0.9211
##
          '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 of ADA BOOSTING model
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
                           43
     Osmancik
##
                  44
                          611
##
##
                  Accuracy: 0.9239
##
                    95% CI: (0.907, 0.9386)
##
       No Information Rate : 0.5722
##
       P-Value [Acc > NIR] : <2e-16
##
##
                     Kappa : 0.8445
##
##
   Mcnemar's Test P-Value : 1
##
##
               Sensitivity: 0.9100
##
               Specificity: 0.9343
##
            Pos Pred Value: 0.9119
##
            Neg Pred Value: 0.9328
##
                Prevalence: 0.4278
##
            Detection Rate: 0.3893
##
      Detection Prevalence: 0.4269
##
         Balanced Accuracy: 0.9221
##
##
          '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")
```

```
## [13:25:57] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:57] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:57] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:57] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
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## [13:25:57] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [13:25:57] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
 \begin{tabular}{ll} ## [13:25:57] WARNING: $$src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead. \\ \end{tabular} 
## [13:25:57] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:57] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:57] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:58] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [13:25:58] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [13:25:58] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [13:25:58] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:58] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:58] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:58] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:58] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:58] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
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## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:25:59] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
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## [13:26:31] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
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## [13:26:32] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:26:32] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:26:32] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
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## [13:26:32] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
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## [13:26:32] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:26:32] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:26:32] WARNING: src/c_api/c_api.cc:935: `ntree_limit` is deprecated, use `iteration_range` instead.
## [13:26:32] WARNING: src/c api/c api/cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [13:26:33] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [13:26:33] WARNING: src/c api/c api.cc:935: `ntree limit` is deprecated, use `iteration range` instead.
## [13:26:33] 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,
                               min child weight = parameter.search.xqb$bestTune$min child weight,
                               colsample bytree = parameter.search.xqb$bestTune$colsample bytree,
                               subsample = parameter.search.xgb$bestTune$subsample)
# building the model
xgb.model \leftarrow train(x = train[, -5],
                   y = train[, 5],
                    trControl = ctrl.xgb,
                   tuneGrid = final.grid.xgb,
                   verbose = TRUE,
                   method = "xgbTree")
# predictions of the XGB model
xgb.preds <- predict(xgb.model, test)</pre>
# confusion matrix of the XGB model
confusionMatrix(xqb.preds, test$Class)
```

```
## Confusion Matrix and Statistics
##
##
             Reference
## Prediction Cammeo Osmancik
##
                 450
    Cammeo
                          37
##
     0smancik
                  39
                          617
##
##
                  Accuracy: 0.9335
##
                    95% CI: (0.9175, 0.9473)
      No Information Rate : 0.5722
##
##
       P-Value [Acc > NIR] : <2e-16
##
##
                     Kappa : 0.8641
##
   Mcnemar's Test P-Value: 0.9087
##
##
               Sensitivity: 0.9202
##
##
               Specificity: 0.9434
##
            Pos Pred Value: 0.9240
            Neg Pred Value : 0.9405
##
                Prevalence: 0.4278
##
##
            Detection Rate: 0.3937
##
      Detection Prevalence: 0.4261
##
         Balanced Accuracy: 0.9318
##
##
          'Positive' Class : Cammeo
##
```

##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##			nan	0.0100	0.0058
##			nan	0.0100	0.0056
##			nan	0.0100	0.0055
##			nan	0.0100	0.0054
##		1.3105	nan	0.0100	0.0052
##		1.3001	nan	0.0100	0.0051
##			nan	0.0100	0.0051
##		1.2802	nan	0.0100	0.0051
##		1.2703	nan	0.0100	0.0049
##		1.2606	nan	0.0100	0.0047
##		1.1733	nan	0.0100	0.0039
##		1.0380	nan	0.0100	0.0039
##		0.9394	nan	0.0100	0.0020
##		0.8653	nan	0.0100	0.0020
##		0.8055	nan	0.0100	0.0010
##		0.7570	nan	0.0100	0.0013
##		0.7161	nan	0.0100	0.0010
##		0.6815	nan	0.0100	0.0008
##		0.6518		0.0100	0.0007
			nan		
##		0.6256	nan	0.0100	0.0006
##		0.6034	nan	0.0100	0.0004
##		0.5835	nan	0.0100	0.0004
##		0.5661	nan	0.0100	0.0004
##		0.5502	nan	0.0100	0.0004
##		0.5364	nan	0.0100	0.0003
##		T	V-11.45	61 - 61	т
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##			nan	0.0100	0.0057
##			nan	0.0100	0.0055
##			nan	0.0100	0.0055
##			nan	0.0100	0.0053
##	5	1.3112	nan	0.0100	0.0053

##	6	1.3006	nan	0.0100	0.0052
##	7	1.2902	nan	0.0100	0.0051
##	8	1.2799	nan	0.0100	0.0050
##	9	1.2702	nan	0.0100	0.0048
##	10	1.2607		0.0100	0.0048
			nan		
##	20	1.1734	nan	0.0100	0.0040
##	40	1.0386	nan	0.0100	0.0028
##	60	0.9410	nan	0.0100	0.0021
##	80	0.8667	nan	0.0100	0.0015
##	100	0.8065	nan	0.0100	0.0013
##	120	0.7572	nan	0.0100	0.0011
##	140	0.7372	nan	0.0100	0.0009
##	160	0.6824	nan	0.0100	0.0008
##	180	0.6525	nan	0.0100	0.0007
##	200	0.6266	nan	0.0100	0.0005
##	220	0.6038	nan	0.0100	0.0004
##	240	0.5839	nan	0.0100	0.0004
##	260	0.5662	nan	0.0100	0.0003
##	280	0.5507	nan	0.0100	0.0003
##	300	0.5367	nan	0.0100	0.0002
##	300	0.5507	IIaii	0.0100	0.0002
	T.L	Taniabaniaaaa	V-1: dD:	C+C:	T
##		TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3542	nan	0.0100	0.0057
##	2	1.3431	nan	0.0100	0.0055
##	3	1.3320	nan	0.0100	0.0054
##	4	1.3212	nan	0.0100	0.0052
##	5	1.3107	nan	0.0100	0.0053
##	6	1.3004	nan	0.0100	0.0053
##	7	1.2901	nan	0.0100	0.0051
##	8	1.2802	nan	0.0100	0.0050
##	9	1.2705	nan	0.0100	0.0049
##	10	1.2609	nan	0.0100	0.0048
##	20	1.1728	nan	0.0100	0.0040
##	40	1.0375	nan	0.0100	0.0028
##	60	0.9400	nan	0.0100	0.0021
##	80				
		0.8668	nan	0.0100	0.0016
##	100	0.8067	nan	0.0100	0.0013
##	120	0.7576	nan	0.0100	0.0010
##	140	0.7164	nan	0.0100	0.0009
##	160	0.6816	nan	0.0100	0.0007
##	180	0.6520	nan	0.0100	0.0006
##	200	0.6267	nan	0.0100	0.0005
##	220	0.6041	nan	0.0100	0.0004
##	240	0.5840		0.0100	0.0004
			nan		
##	260	0.5663	nan	0.0100	0.0004
##	280	0.5510	nan	0.0100	0.0003
##	300	0.5369	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3542	nan	0.0100	0.0057
##	2	1.3426	nan	0.0100	0.0057
##	3	1.3315	nan	0.0100	0.0055
##	4	1.3209	nan	0.0100	0.0053
##	5	1.3104		0.0100	0.0053
			nan		
##	6	1.2999	nan	0.0100	0.0051
##	7	1.2898	nan	0.0100	0.0051
##	8	1.2796	nan	0.0100	0.0049
##	9	1.2696	nan	0.0100	0.0050
##	10	1.2600	nan	0.0100	0.0048
##	20	1.1722	nan	0.0100	0.0040
##	40	1.0363	nan	0.0100	0.0028
##	60	0.9389	nan	0.0100	0.0021
##	80	0.8652		0.0100	0.0021
			nan		
##	100	0.8059	nan	0.0100	0.0012
##	120	0.7570	nan	0.0100	0.0010
##	140	0.7167	nan	0.0100	0.0009
##	160	0.6816	nan	0.0100	0.0007
##	180	0.6521	nan	0.0100	0.0007
##	200	0.6261	nan	0.0100	0.0006
##	220	0.6035	nan	0.0100	0.0005
##	240	0.5841		0.0100	0.0003
			nan		
##	260	0.5662	nan	0.0100	0.0004
##	280	0.5505	nan	0.0100	0.0003
##	300	0.5370	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3524	nan	0.0100	0.0063
				0.0100	
##	2	1.3401	וומוי	0.0100	U. UUD 3
##	2	1.3401 1.3277	nan nan	0.0100	0.0063 0.0061

##	4	1.3159	nan	0.0100	0.0058
##	5	1.3042	nan	0.0100	0.0060
##	6	1.2928	nan	0.0100	0.0057
##	7	1.2814	nan	0.0100	0.0058
##	8	1.2706	nan	0.0100	0.0055
##	9	1.2596	nan	0.0100	0.0054
##	10	1.2491	nan	0.0100	0.0052
##	20	1.1511	nan	0.0100	0.0043
##	40	0.9976	nan	0.0100	0.0033
##	60	0.8835	nan	0.0100	0.0024
##	80	0.7961	nan	0.0100	0.0019
##	100	0.7278	nan	0.0100	0.0015
##	120				0.0013
		0.6712	nan	0.0100	
##	140	0.6247	nan	0.0100	0.0010
##	160	0.5868	nan	0.0100	0.0007
##	180	0.5545	nan	0.0100	0.0006
##	200	0.5280	nan	0.0100	0.0006
##	220	0.5066	nan	0.0100	0.0005
##	240	0.4893	nan	0.0100	0.0003
##	260	0.4747	nan	0.0100	0.0003
##	280	0.4624	nan	0.0100	0.0002
##	300	0.4518	nan	0.0100	0.0002
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3527	nan	0.0100	0.0061
##	2	1.3399	nan	0.0100	0.0063
##	3	1.3276	nan	0.0100	0.0060
##	4	1.3158	nan	0.0100	0.0058
##	5	1.3042	nan	0.0100	0.0057
	6				
##		1.2925	nan	0.0100	0.0056
##	7	1.2806	nan	0.0100	0.0057
##	8	1.2691	nan	0.0100	0.0055
##	9	1.2586	nan	0.0100	0.0052
##	10	1.2480	nan	0.0100	0.0052
##	20	1.1508	nan	0.0100	0.0045
##	40	0.9978	nan	0.0100	0.0032
##	60	0.8845	nan	0.0100	0.0024
##	80	0.7975	nan	0.0100	0.0020
##	100	0.7302	nan	0.0100	0.0014
##	120	0.6746	nan	0.0100	0.0011
##	140	0.6290	nan	0.0100	0.0009
##	160	0.5888	nan	0.0100	0.0009
##	180	0.5557	nan	0.0100	0.0007
##	200	0.5278	nan	0.0100	0.0006
##	220	0.5068	nan	0.0100	0.0004
##	240				
		0.4894	nan	0.0100	0.0004
##	260	0.4743	nan	0.0100	0.0002
##	280	0.4623	nan	0.0100	0.0002
##	300	0.4513	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3528	nan	0.0100	0.0063
##	2	1.3408	nan	0.0100	0.0059
##	3	1.3289	nan	0.0100	0.0059
##	4	1.3170		0.0100	0.0059
			nan		
##	5	1.3050	nan	0.0100	0.0060
##	6	1.2931	nan	0.0100	0.0058
##	7	1.2819	nan	0.0100	0.0056
##	8	1.2705	nan	0.0100	0.0057
##	9	1.2598	nan	0.0100	0.0053
##	10	1.2493	nan	0.0100	0.0051
##	20	1.1520	nan	0.0100	0.0045
##	40	0.9983	nan	0.0100	0.0032
##	60	0.8842	nan	0.0100	0.0032
##	80	0.7967	nan	0.0100	0.0018
##	100	0.7285	nan	0.0100	0.0015
##	120	0.6726	nan	0.0100	0.0012
##	140	0.6255	nan	0.0100	0.0010
##	160	0.5875	nan	0.0100	0.0006
##	180	0.5549	nan	0.0100	0.0007
##	200	0.5283	nan	0.0100	0.0006
##	220	0.5075	nan	0.0100	0.0004
##	240	0.4891		0.0100	0.0004
1111	240	0.4744	nan		
-11-11	260		nan	0.0100	0.0003
##	260			0 0	0 0000
##	280	0.4615	nan	0.0100	0.0002
## ##			nan nan	0.0100 0.0100	0.0002 0.0002
##	280	0.4615			
## ##	280	0.4615		0.0100 StepSize	
## ## ##	280 300	0.4615 0.4511	nan	0.0100	0.0002

##	2	1.3395	nan	0.0100	0.0063
##	3	1.3270	nan	0.0100	0.0061
##	4	1.3152	nan	0.0100	0.0057
##	5	1.3036	nan	0.0100	0.0059
##	6	1.2920	nan	0.0100	0.0058
##	7	1.2806	nan	0.0100	0.0055
##	8	1.2692	nan	0.0100	0.0055
##	9	1.2580	nan	0.0100	0.0054
##	10	1.2475		0.0100	0.0054
			nan		
##	20	1.1502	nan	0.0100	0.0044
##	40	0.9987	nan	0.0100	0.0033
##	60	0.8845	nan	0.0100	0.0026
##	80	0.7975	nan	0.0100	0.0020
##	100	0.7266	nan	0.0100	0.0015
##	120	0.6701	nan	0.0100	0.0012
##	140	0.6256	nan	0.0100	0.0007
##	160	0.5857	nan	0.0100	0.0008
##	180	0.5553	nan	0.0100	0.0006
##	200	0.5287	nan	0.0100	0.0005
##	220	0.5070	nan	0.0100	0.0005
##	240	0.4892	nan	0.0100	0.0003
##	260	0.4737	nan	0.0100	0.0004
##	280	0.4608	nan	0.0100	0.0003
##	300	0.4497	nan	0.0100	0.0001
##	300	0		0.0200	0.0001
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3523	nan	0.0100	0.0066
##	2	1.3323		0.0100	0.0064
##	3		nan		
	4	1.3260	nan	0.0100	0.0065
##		1.3134	nan	0.0100	0.0063
##	5	1.3012	nan	0.0100	0.0061
##	6	1.2892	nan	0.0100	0.0058
##	7	1.2770	nan	0.0100	0.0057
##	8	1.2654	nan	0.0100	0.0057
##	9	1.2538	nan	0.0100	0.0057
##	10	1.2425	nan	0.0100	0.0055
##	20	1.1402	nan	0.0100	0.0044
##	40	0.9772	nan	0.0100	0.0036
##	60	0.8562	nan	0.0100	0.0026
##	80	0.7621	nan	0.0100	0.0020
##	100	0.6912	nan	0.0100	0.0014
##	120	0.6347	nan	0.0100	0.0012
##	140	0.5886	nan	0.0100	0.0010
##	160	0.5512	nan	0.0100	0.0008
##	180	0.5221	nan	0.0100	0.0005
##	200	0.4977	nan	0.0100	0.0005
##	220	0.4784	nan	0.0100	0.0003
##	240	0.4624	nan	0.0100	0.0004
##	260	0.4484	nan	0.0100	0.0003
##	280	0.4374	nan	0.0100	0.0002
##	300	0.4281	nan	0.0100	0.0001
##	300	011201	iidii	010100	010001
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
	1			•	•
##	2	1.3516	nan	0.0100	0.0068
	3	1.3381 1.3253	nan	0.0100	0.0065
##	4		nan	0.0100	0.0063
##		1.3127	nan	0.0100	0.0062
##	5	1.3002	nan	0.0100	0.0060
##	6	1.2882	nan	0.0100	0.0060
##	7	1.2758	nan	0.0100	0.0060
##	8	1.2639	nan	0.0100	0.0059
##	9	1.2525	nan	0.0100	0.0056
##	10	1.2410	nan	0.0100	0.0054
##	20	1.1367	nan	0.0100	0.0046
##	40	0.9756	nan	0.0100	0.0035
##	60	0.8549	nan	0.0100	0.0025
##	80	0.7627	nan	0.0100	0.0021
##	100	0.6913	nan	0.0100	0.0014
##	120	0.6358	nan	0.0100	0.0010
##	140	0.5907	nan	0.0100	0.0009
##	160	0.5535	nan	0.0100	0.0008
##	180	0.5230	nan	0.0100	0.0006
##	200	0.4997	nan	0.0100	0.0005
##	220	0.4793	nan	0.0100	0.0003
##	240	0.4625	nan	0.0100	0.0003
##	260	0.4496	nan	0.0100	0.0002
##	280	0.4389	nan	0.0100	0.0001
##	300	0.4299	nan	0.0100	0.0001
##	500	017233	Hall	0.0100	5.0001
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##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3519	nan	0.0100	0.0066
##	2	1.3391	nan	0.0100	0.0063
##	3	1.3260	nan	0.0100	0.0065
##	4 5	1.3132	nan	0.0100	0.0062 0.0061
##	6	1.3012	nan	0.0100	
##	7	1.2893 1.2774	nan	0.0100	0.0059
##	8	1.2654	nan nan	0.0100 0.0100	0.0060 0.0058
##	9	1.2540	nan	0.0100	0.0055
##	10	1.2428	nan	0.0100	0.0055
##	20	1.1393	nan	0.0100	0.0036
##	40	0.9771	nan	0.0100	0.0035
##	60	0.8576	nan	0.0100	0.0024
##	80	0.7649	nan	0.0100	0.0024
##	100	0.6927	nan	0.0100	0.0014
##	120	0.6356	nan	0.0100	0.0013
##	140	0.5902	nan	0.0100	0.0009
##	160	0.5525	nan	0.0100	0.0008
##	180	0.5218	nan	0.0100	0.0006
##	200	0.4974	nan	0.0100	0.0005
##	220	0.4779	nan	0.0100	0.0002
##	240	0.4621	nan	0.0100	0.0003
##	260	0.4484	nan	0.0100	0.0003
##	280	0.4371	nan	0.0100	0.0002
##	300	0.4286	nan	0.0100	0.0002
##	500	314200	iidil	3.0100	310002
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3517	nan	0.0100	0.0068
##	2	1.3383	nan	0.0100	0.0064
##	3	1.3258	nan	0.0100	0.0061
##	4	1.3133	nan	0.0100	0.0060
##	5	1.3007	nan	0.0100	0.0063
##	6	1.2885	nan	0.0100	0.0061
##	7	1.2765	nan	0.0100	0.0059
##	8	1.2648	nan	0.0100	0.0057
##	9	1.2529	nan	0.0100	0.0057
##	10	1.2413	nan	0.0100	0.0058
##	20	1.1379	nan	0.0100	0.0036
##	40	0.9748	nan	0.0100	0.0033
##	60	0.8553	nan	0.0100	0.0033
##	80	0.7633	nan	0.0100	0.0020
##	100	0.6916		0.0100	0.0014
##	120	0.6355	nan nan	0.0100	0.0014
##	140	0.5889	nan	0.0100	0.0013
##	160	0.5516	nan	0.0100	0.0010
##	180	0.5217	nan	0.0100	0.0007
##	200	0.4976	nan	0.0100	0.0006
##	220	0.4778	nan	0.0100	0.0003
##	240	0.4624	nan	0.0100	0.0003
##	260	0.4491	nan	0.0100	0.0003
##	280	0.4384	nan	0.0100	0.0002
##	300	0.4301	nan	0.0100	0.0002
##	300	0.4301	nan	0.0100	0.0000
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3512	nan	0.0100	0.0069
##	2	1.3374	nan	0.0100	0.0068
##	3	1.3239	nan	0.0100	0.0066
##	4	1.3107	nan	0.0100	0.0063
##	5	1.2982	nan	0.0100	0.0061
##	6	1.2856	nan	0.0100	0.0063
##	7	1.2735	nan	0.0100	0.0061
##	8	1.2611	nan	0.0100	0.0062
##	9	1.2491	nan	0.0100	0.0060
##	10	1.2375	nan	0.0100	0.0058
##	20	1.1311	nan	0.0100	0.0048
##	40	0.9638	nan	0.0100	0.0034
##	60	0.8403	nan	0.0100	0.0027
##	80	0.7457	nan	0.0100	0.0020
##	100	0.6732	nan	0.0100	0.0014
##	120	0.6156	nan	0.0100	0.0010
##	140	0.5712	nan	0.0100	0.0008
##	160	0.5363	nan	0.0100	0.0007
##	180	0.5075	nan	0.0100	0.0006
##	200	0.4844	nan	0.0100	0.0005
##	220	0.4652	nan	0.0100	0.0004
##	240	0.4497	nan	0.0100	0.0002
##	260	0.4364	nan	0.0100	0.0002
##	280	0.4255	nan	0.0100	0.0001
"		=			

##	300	0.4162	nan	0.0100	0.0001
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3516	nan	0.0100	0.0068
##	2	1.3379	nan	0.0100	0.0069
##	4	1.3244	nan	0.0100	0.0066
##	5	1.3112	nan	0.0100	0.0066
##	6	1.2982 1.2857	nan nan	0.0100 0.0100	0.0065 0.0060
##	7	1.2732	nan	0.0100	0.0062
##	8	1.2610	nan	0.0100	0.0058
##	9	1.2491	nan	0.0100	0.0058
##	10	1.2375	nan	0.0100	0.0059
##	20	1.1306	nan	0.0100	0.0033
##	40	0.9640	nan	0.0100	0.0035
##	60	0.8404	nan	0.0100	0.0025
##	80	0.7458	nan	0.0100	0.0019
##	100	0.6721	nan	0.0100	0.0016
##	120	0.6152	nan	0.0100	0.0012
##	140	0.5701	nan	0.0100	0.0008
##	160	0.5341	nan	0.0100	0.0007
##	180	0.5059	nan	0.0100	0.0007
##	200	0.4818	nan	0.0100	0.0005
##	220	0.4633	nan	0.0100	0.0003
##	240	0.4481	nan	0.0100	0.0003
##	260	0.4357	nan	0.0100	0.0002
##	280	0.4252	nan	0.0100	0.0002
##	300	0.4157	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3517	nan	0.0100	0.0068
##	2	1.3377	nan	0.0100	0.0068
##	3	1.3245	nan	0.0100	0.0065
##	4	1.3113	nan	0.0100	0.0065
##	5	1.2982	nan	0.0100	0.0064
##	6	1.2863	nan	0.0100	0.0059
##	7	1.2742	nan	0.0100	0.0061
##	8	1.2621	nan	0.0100	0.0059
##	9	1.2502	nan	0.0100	0.0058
##	10	1.2385	nan	0.0100	0.0058
##	20	1.1328	nan	0.0100	0.0047
##	40	0.9659	nan	0.0100	0.0035
##	60	0.8413	nan	0.0100	0.0027
##	80 100	0.7472 0.6743	nan	0.0100 0.0100	0.0017 0.0016
##	120	0.6173	nan nan	0.0100	0.0010
##	140	0.5724	nan	0.0100	0.0009
##	160	0.5364	nan	0.0100	0.0007
##	180	0.5072	nan	0.0100	0.0005
##	200	0.4844	nan	0.0100	0.0003
##	220	0.4653	nan	0.0100	0.0003
##	240	0.4500	nan	0.0100	0.0003
##	260	0.4367	nan	0.0100	0.0002
##	280	0.4258	nan	0.0100	0.0002
##	300	0.4172	nan	0.0100	0.0000
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3517	nan	0.0100	0.0067
##	2	1.3381	nan	0.0100	0.0068
##	3	1.3246	nan	0.0100	0.0066
##	4	1.3115	nan	0.0100	0.0064
##	5	1.2984	nan	0.0100	0.0065
##	6	1.2856	nan	0.0100	0.0061
##	7	1.2733	nan	0.0100	0.0060
##	8	1.2612	nan	0.0100	0.0059
##	9	1.2493	nan	0.0100	0.0058
##	10	1.2373	nan	0.0100	0.0059
##	20	1.1308	nan	0.0100	0.0049
##	40	0.9646	nan	0.0100	0.0036
##	60	0.8418	nan	0.0100	0.0027
##	80	0.7477	nan	0.0100	0.0020
##	100	0.6747	nan	0.0100	0.0014
##	120	0.6174	nan	0.0100	0.0013
##	140	0.5718	nan	0.0100	0.0009
##	160	0.5357 0.5065	nan	0.0100	0.0007
##	180 200	0.5065 0.4834	nan	0.0100 0.0100	0.0005 0.0004
##	220	0.4644	nan nan	0.0100	0.0004
##	240	0.4495	nan	0.0100	0.0003
""	240	0.1733	nan	0.0100	5.5002

##	260	0.4368	nan	0.0100	0.0003
##	280	0.4264	nan	0.0100	0.0001
##	300	0.4176	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2577	nan	0.1000	0.0552
##	2	1.1673	nan	0.1000	0.0443
##	3	1.0933	nan	0.1000	0.0374
##	4	1.0289	nan	0.1000	0.0312
##	5	0.9774	nan	0.1000	0.0268
##	6	0.9322	nan	0.1000	0.0221
##	7	0.8942	nan	0.1000	0.0175
##	8	0.8589	nan	0.1000	0.0173
##	9	0.8284	nan	0.1000	0.0147
##	10	0.7993	nan	0.1000	0.0132
##	20	0.6216	nan	0.1000	0.0065
##	40	0.4852	nan	0.1000	0.0012
##	60	0.4318	nan	0.1000	0.0002
##	80	0.4070	nan	0.1000	0.0001
##	100	0.3931	nan	0.1000	-0.0001
##	120	0.3846	nan	0.1000	-0.0000
##	140	0.3786	nan	0.1000	-0.0004
##	160	0.3758	nan	0.1000	-0.0003
##	180	0.3720	nan	0.1000	-0.0001
##	200	0.3692	nan	0.1000	-0.0002
##	220	0.3657	nan	0.1000	-0.0002
##	240	0.3637	nan	0.1000	-0.0004
##	260	0.3611	nan	0.1000	-0.0003
##	280	0.3578	nan	0.1000	-0.0006
##	300	0.3564	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2585	nan	0.1000	0.0541
##	2	1.1700	nan	0.1000	0.0451
##	3	1.0957	nan	0.1000	0.0367
##	4	1.0309	nan	0.1000	0.0308
##	5	0.9797	nan	0.1000	0.0255
##	6	0.9356	nan	0.1000	0.0218
##	7	0.8973	nan	0.1000	0.0192
##	8	0.8638	nan	0.1000	0.0148
##	9	0.8318	nan	0.1000	0.0152
##	10	0.8004	nan	0.1000	0.0153
##	20	0.6227	nan	0.1000	0.0060
##	40	0.4847	nan	0.1000	0.0018
##	60	0.4328	nan	0.1000	0.0007
##	80	0.4082	nan	0.1000	-0.0000
##	100	0.3948	nan	0.1000	0.0000
##	120	0.3877	nan	0.1000	-0.0001
##	140	0.3817	nan	0.1000	-0.0000
##	160	0.3779	nan	0.1000	-0.0002
##	180	0.3733	nan	0.1000	-0.0002
##	200	0.3698	nan	0.1000	-0.0006
##	220	0.3666	nan	0.1000	-0.0003
##	240	0.3629	nan	0.1000	0.0000
##	260	0.3601	nan	0.1000	-0.0004
##	280	0.3583	nan	0.1000	-0.0001
##	300	0.3558	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2566	nan	0.1000	0.0533
##	2	1.1647	nan	0.1000	0.0441
##	3	1.0902	nan	0.1000	0.0365
##	4	1.0289	nan	0.1000	0.0303
##	5	0.9750	nan	0.1000	0.0250
##	6	0.9300	nan	0.1000	0.0222
##	7	0.8915	nan	0.1000	0.0183
##	8	0.8583	nan	0.1000	0.0166
##	9	0.8260	nan	0.1000	0.0159
##	10	0.7979	nan	0.1000	0.0126
##	20	0.6221	nan	0.1000	0.0056
##	40	0.4866	nan	0.1000	0.0004
##	60	0.4326	nan	0.1000	0.0006
##	80	0.4085	nan	0.1000	0.0004
##	100	0.3956	nan	0.1000	0.0000
##	120	0.3870	nan	0.1000	-0.0001
##	140	0.3820	nan	0.1000	-0.0001
##	160	0.3773	nan	0.1000	-0.0002
##	180	0.3741	nan	0.1000	-0.0003
##	200	0.3704	nan	0.1000	-0.0001

##	220	0.3679	nan	0.1000	-0.0004
##	240	0.3655	nan	0.1000	-0.0003
##	260	0.3633	nan	0.1000	-0.0005
##	280	0.3613	nan	0.1000	-0.0003
##	300	0.3592	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2549	nan	0.1000	0.0550
##	2	1.1670	nan	0.1000	0.0437
##	3	1.0912	nan	0.1000	0.0368
##	4	1.0274	nan	0.1000	0.0308
##	5	0.9755	nan	0.1000	0.0260
##	6	0.9323	nan	0.1000	0.0211
##	7	0.8912	nan	0.1000	0.0198
##	8	0.8576	nan	0.1000	0.0156
##	9	0.8275	nan	0.1000	0.0142
##	10	0.7964	nan	0.1000	0.0145
##	20	0.6194	nan	0.1000	0.0055
##	40	0.4796	nan	0.1000	0.0017
##	60	0.4295	nan	0.1000	0.0005
##	80	0.4034	nan	0.1000	0.0001
##	100	0.3905	nan	0.1000	0.0000
##	120	0.3838	nan	0.1000	-0.0004
##	140	0.3785	nan	0.1000	-0.0002
##	160	0.3754	nan	0.1000	-0.0002
##	180	0.3720	nan	0.1000	-0.0001
##	200	0.3693	nan	0.1000	0.0001
##	220	0.3668	nan	0.1000	-0.0001
##	240	0.3642	nan	0.1000	-0.0001
##	260	0.3613	nan	0.1000	-0.0003
##	280	0.3589	nan	0.1000	-0.0002
##	300	0.3573	nan	0.1000	-0.0002
##	300	0.5575	IIdii	0.1000	-0.0004
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2486		0.1000	0.0559
##	2	1.1433	nan	0.1000	0.0506
	3	1.0579	nan		
##			nan	0.1000	0.0420
##	4	0.9873	nan	0.1000	0.0357
##	5 6	0.9292	nan	0.1000	0.0294
##		0.8774	nan	0.1000	0.0258
##	7	0.8331	nan	0.1000	0.0221
##	8	0.7876	nan	0.1000	0.0209
##	9	0.7523	nan	0.1000	0.0160
##	10	0.7207	nan	0.1000	0.0153
##	20	0.5257	nan	0.1000	0.0059
##	40	0.4143	nan	0.1000	0.0002
##	60	0.3848	nan	0.1000	-0.0005
##	80	0.3720	nan	0.1000	-0.0003
##	100	0.3618	nan	0.1000	-0.0003
##	120	0.3521	nan	0.1000	-0.0006
##	140	0.3429	nan	0.1000	-0.0003
##	160	0.3361	nan	0.1000	-0.0005
##	180	0.3294	nan	0.1000	-0.0003
##	200	0.3199	nan	0.1000	-0.0006
##	220	0.3128	nan	0.1000	-0.0001
##	240	0.3071	nan	0.1000	-0.0000
##	260 280	0.2995	nan	0.1000	-0.0005 -0.0012
##	280 300	0.2939 0.2890	nan	0.1000 0.1000	-0.0012 -0.0006
##	200	0.2090	nan	0.1000	-0.0000
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##				•	•
##	1 2	1.2440 1.1466	nan	0.1000 0.1000	0.0592 0.0473
##	3	1.1466	nan	0.1000	0.0473
##	4		nan		
	4 5	0.9924	nan	0.1000	0.0335
##	6	0.9293 0.8755	nan	0.1000	0.0320
##	7	0.8755	nan	0.1000	0.0261
		0.8304 0.7017	nan	0.1000	0.0212
##	8	0.7917	nan	0.1000	0.0183
##	9	0.7561	nan	0.1000	0.0169
##	10	0.7254	nan	0.1000	0.0145
##	20	0.5270	nan	0.1000	0.0053
##	40	0.4164	nan	0.1000	0.0009
##	60	0.3898	nan	0.1000	-0.0001
##	80	0.3745	nan	0.1000	0.0000
##	100	0.3620	nan	0.1000	-0.0009
##	120	0.3521	nan	0.1000	-0.0003
##	140	0.3443	nan	0.1000	-0.0003
##	160	0.3384	nan	0.1000	-0.0005

##	180	0.3321	nan	0.1000	-0.0002
##	200	0.3248	nan	0.1000	-0.0004
	220				
##		0.3180	nan	0.1000	-0.0002
##	240	0.3098	nan	0.1000	-0.0006
##	260	0.3040	nan	0.1000	-0.0002
##	280	0.2978	nan	0.1000	-0.0004
##	300	0.2925	nan	0.1000	-0.0001
	300	0.2923	Hall	0.1000	-0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2444	nan	0.1000	0.0589
##	2	1.1425	nan	0.1000	0.0508
##	3	1.0594	nan	0.1000	0.0406
##	4	0.9848			0.0362
			nan	0.1000	
##	5	0.9258	nan	0.1000	0.0285
##	6	0.8748	nan	0.1000	0.0245
##	7	0.8282	nan	0.1000	0.0225
##	8	0.7891	nan	0.1000	0.0180
##	9	0.7527	nan	0.1000	0.0171
##	10	0.7207	nan		
				0.1000	0.0156
##	20	0.5257	nan	0.1000	0.0053
##	40	0.4147	nan	0.1000	0.0000
##	60	0.3888	nan	0.1000	0.0000
##	80	0.3780	nan	0.1000	0.0000
##	100	0.3677	nan	0.1000	-0.0002
##	120				
		0.3577	nan	0.1000	-0.0007
##	140	0.3484	nan	0.1000	-0.0002
##	160	0.3396	nan	0.1000	-0.0002
##	180	0.3333	nan	0.1000	-0.0005
##	200	0.3270	nan	0.1000	-0.0003
##	220	0.3227	nan	0.1000	-0.0004
##	240				
		0.3171	nan	0.1000	-0.0004
##	260	0.3116	nan	0.1000	-0.0005
##	280	0.3059	nan	0.1000	-0.0003
##	300	0.3013	nan	0.1000	-0.0003
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	•
##	1	1.2407	nan	0.1000	0.0607
##	2	1.1438	nan	0.1000	0.0487
##	3	1.0611	nan	0.1000	0.0409
##	4	0.9879	nan	0.1000	0.0349
##	5	0.9267	nan	0.1000	0.0290
##	6	0.8736	nan	0.1000	0.0262
	_				
##	7	0.8285	nan	0.1000	0.0212
##	8	0.7889	nan	0.1000	0.0181
##	9	0.7553	nan	0.1000	0.0152
##	10	0.7204	nan	0.1000	0.0171
##	20	0.5256	nan	0.1000	0.0059
##	40	0.4151	nan	0.1000	0.0003
##	60	0.3912	nan	0.1000	-0.0003
##	80	0.3790	nan	0.1000	-0.0004
##	100	0.3704	nan	0.1000	-0.0002
##	120	0.3579	nan	0.1000	-0.0001
##	140	0.3485	nan	0.1000	-0.0005
##	160	0.3424	nan	0.1000	-0.0003
##	180	0.3348	nan	0.1000	-0.0006
##	200	0.3283		0.1000	-0.0004
			nan		
##	220	0.3228	nan	0.1000	-0.0003
##	240	0.3172	nan	0.1000	-0.0002
##	260	0.3124	nan	0.1000	-0.0005
##	280	0.3080	nan	0.1000	-0.0002
##	300	0.3042	nan	0.1000	-0.0003
##					
	Ttor	TrainDoviance	Validhavianas	CtonC:	Tmppc
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2363	nan	0.1000	0.0626
##	2	1.1278	nan	0.1000	0.0515
##	3	1.0405	nan	0.1000	0.0421
##	4	0.9628	nan	0.1000	0.0369
##	5	0.9001	nan	0.1000	0.0301
##	6	0.8443		0.1000	0.0263
			nan		
##	7	0.7975	nan	0.1000	0.0231
##	8	0.7536	nan	0.1000	0.0209
##	9	0.7186	nan	0.1000	0.0160
##	10	0.6872	nan	0.1000	0.0137
##	20	0.4998	nan	0.1000	0.0047
##	40	0.4028			0.0047
			nan	0.1000	
##	60	0.3701	nan	0.1000	-0.0007
##	80	0.3521	nan	0.1000	-0.0001
##	100	0.3353	nan	0.1000	-0.0002
##	120	0.3214	nan	0.1000	-0.0009
1					

##	140	0.3096	nan	0.1000	-0.0001
##	160	0.2989	nan	0.1000	-0.0002
##	180	0.2849	nan	0.1000	-0.0003
##	200	0.2762	nan	0.1000	-0.0006
##	220	0.2621	nan	0.1000	-0.0012
##	240	0.2520	nan	0.1000	-0.0005
##	260	0.2430	nan	0.1000	-0.0003
##	280	0.2336	nan	0.1000	-0.0007
##	300	0.2261	nan	0.1000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2350	nan	0.1000	0.0616
##	2	1.1282	nan	0.1000	0.0506
##	3	1.0404	nan	0.1000	0.0434
##	4	0.9671	nan	0.1000	0.0364
##	5	0.9027	nan	0.1000	0.0305
##	6	0.8453	nan	0.1000	0.0278
##	7	0.7949	nan	0.1000	0.0250
##	8	0.7540	nan	0.1000	0.0194
##	9	0.7158	nan	0.1000	0.0177
##	10	0.6803	nan	0.1000	0.0170
##	20	0.4926	nan	0.1000	0.0050
##	40	0.4032	nan	0.1000	0.0004
##	60	0.3739		0.1000	-0.0004
	80		nan		
##		0.3569	nan	0.1000	-0.0005
##	100	0.3427	nan	0.1000	-0.0003
##	120	0.3264	nan	0.1000	-0.0005
##	140	0.3141	nan	0.1000	-0.0002
##	160	0.3044	nan	0.1000	-0.0003
##	180	0.2943	nan	0.1000	-0.0001
##	200	0.2844	nan	0.1000	-0.0005
##	220	0.2755	nan	0.1000	-0.0002
##	240	0.2664	nan	0.1000	-0.0002
##	260	0.2580	nan	0.1000	-0.0002
##	280	0.2523	nan	0.1000	-0.0006
##	300	0.2450	nan	0.1000	-0.0008
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2401	nan	0.1000	0.0616
##	2	1.1353	nan	0.1000	0.0520
##	3	1.0446	nan	0.1000	0.0447
##	4	0.9714	nan	0.1000	0.0367
##	5	0.9059	nan	0.1000	0.0312
##	6	0.8521	nan	0.1000	0.0261
##	7	0.8048	nan	0.1000	0.0235
##	8	0.7626	nan	0.1000	0.0211
##	9	0.7247	nan	0.1000	0.0190
##	10	0.6919	nan	0.1000	0.0154
##	20	0.4986		0.1000	0.0056
##	40		nan		
	60	0.4046	nan	0.1000	-0.0008
##		0.3757	nan	0.1000	-0.0007
##	80	0.3586	nan	0.1000	-0.0002
##	100	0.3435	nan	0.1000	-0.0004
##	120	0.3285	nan	0.1000	-0.0007
##	140	0.3173	nan	0.1000	-0.0006
##	160	0.3064	nan	0.1000	-0.0006
##	180	0.2980	nan	0.1000	-0.0004
##	200	0.2880	nan	0.1000	-0.0005
##	220	0.2804	nan	0.1000	-0.0006
##	240	0.2732	nan	0.1000	-0.0008
##	260	0.2673	nan	0.1000	-0.0002
##	280	0.2608	nan	0.1000	-0.0004
##	300	0.2553	nan	0.1000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2372	nan	0.1000	0.0624
##	2	1.1326	nan	0.1000	0.0515
##	3	1.0421	nan	0.1000	0.0432
##	4	0.9706	nan	0.1000	0.0360
##	5	0.9055	nan	0.1000	0.0313
##	6	0.8498	nan	0.1000	0.0272
##	7	0.8008	nan	0.1000	0.0239
##	8	0.7585	nan	0.1000	0.0198
##	9	0.7215	nan	0.1000	0.0136
##	10	0.6886	nan	0.1000	0.0174
##	20	0.4939	nan	0.1000	0.0044
##	40	0.3985		0.1000	0.0044
##	60	0.3701	nan	0.1000	-0.0002
##	80	0.3546	nan	0.1000	-0.0002
##	00	0.3340	nan	0.1000	-0.0000

##	100	0.3392	nan	0.1000	-0.0006
##	120	0.3267	nan	0.1000	-0.0005
##	140	0.3167	nan	0.1000	-0.0004
##	160	0.3092	nan	0.1000	-0.0006
##	180	0.3011	nan	0.1000	-0.0004
##	200	0.2917	nan	0.1000	-0.0002
##	220	0.2845	nan	0.1000	-0.0003
##	240	0.2779	nan	0.1000	0.0000
##	260	0.2727	nan	0.1000	-0.0005
##	280	0.2656	nan	0.1000	-0.0005
##	300	0.2601	nan	0.1000	-0.0009
##	300	0.2001	nan	0.1000	0.0003
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2335	nan	0.1000	0.0646
##	2	1.1202	nan	0.1000	0.0532
##	3	1.0275		0.1000	0.0332
##	4		nan		
##	5	0.9506	nan	0.1000	0.0364
		0.8876	nan	0.1000	0.0315
##	6	0.8318	nan	0.1000	0.0272
##	7	0.7811	nan	0.1000	0.0244
##	8	0.7370	nan	0.1000	0.0214
##	9	0.7000	nan	0.1000	0.0167
##	10	0.6672	nan	0.1000	0.0160
##	20	0.4809	nan	0.1000	0.0039
##	40	0.3874	nan	0.1000	0.0004
##	60	0.3552	nan	0.1000	-0.0008
##	80	0.3332	nan	0.1000	-0.0004
##	100	0.3137	nan	0.1000	-0.0003
##	120	0.2943	nan	0.1000	-0.0004
##	140	0.2785	nan	0.1000	-0.0007
##	160	0.2624	nan	0.1000	-0.0006
##	180	0.2513	nan	0.1000	-0.0002
##	200	0.2370	nan	0.1000	-0.0003
##	220	0.2268	nan	0.1000	-0.0003
##	240	0.2134	nan	0.1000	-0.0005
##	260	0.2042	nan	0.1000	-0.0004
##	280	0.1954	nan	0.1000	-0.0003
##	300	0.1884	nan	0.1000	-0.0002
##	300	012001	nan	0.1000	0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2333	nan	0.1000	0.0647
##	2	1.1233	nan	0.1000	0.0542
##	3	1.0329	nan	0.1000	0.0461
##	4	0.9520		0.1000	0.0390
##	5	0.8868	nan nan	0.1000	0.0330
##	6	0.8292		0.1000	0.0284
##	7	0.7801	nan	0.1000	0.0204
##	8	0.7364	nan	0.1000	0.0229
##	9	0.6996	nan		
			nan	0.1000	0.0180
##	10	0.6667	nan	0.1000	0.0162
##	20	0.4783	nan	0.1000	0.0044
##	40	0.3857	nan	0.1000	-0.0000
##	60	0.3527	nan	0.1000	0.0002
##	80	0.3332	nan	0.1000	-0.0005
##	100	0.3166	nan	0.1000	0.0001
##	120	0.3013	nan	0.1000	-0.0005
##	140	0.2864	nan	0.1000	-0.0009
##	160	0.2739	nan	0.1000	-0.0009
##	180	0.2584	nan	0.1000	-0.0002
##	200				-0.0007
##		0.2477	nan	0.1000	
	220	0.2373	nan	0.1000	-0.0002
##	220 240	0.2373 0.2294		0.1000 0.1000	-0.0002 0.0000
##	220 240 260	0.2373 0.2294 0.2197	nan	0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004
## ##	220 240 260 280	0.2373 0.2294 0.2197 0.2114	nan nan	0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005
##	220 240 260	0.2373 0.2294 0.2197	nan nan nan	0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004
## ##	220 240 260 280	0.2373 0.2294 0.2197 0.2114	nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005
## ## ##	220 240 260 280 300	0.2373 0.2294 0.2197 0.2114	nan nan nan nan	0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005
## ## ##	220 240 260 280 300	0.2373 0.2294 0.2197 0.2114 0.2041	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004
## ## ## ##	220 240 260 280 300	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance	nan nan nan nan nan ValidDeviance	0.1000 0.1000 0.1000 0.1000 0.1000 StepSize	-0.0002 0.0000 -0.0004 -0.0005 -0.0004
## ## ## ## ##	220 240 260 280 300 Iter	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329	nan nan nan nan ValidDeviance nan	0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668
## ## ## ## ##	220 240 260 280 300 Iter 1 2	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207	nan nan nan nan ValidDeviance nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544
## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207 1.0305	nan nan nan nan ValidDeviance nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544 0.0441
## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207 1.0305 0.9533	nan nan nan nan ValidDeviance nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 StepSize 0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544 0.0441 0.0380 0.0326
## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5 6	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207 1.0305 0.9533 0.8866 0.8303	nan nan nan NalidDeviance 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	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544 0.0441 0.0380 0.0326 0.0269
## ## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5 6 7	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207 1.0305 0.9533 0.8866 0.8303 0.7797	nan nan nan NalidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544 0.0441 0.0380 0.0326 0.0269 0.0233
## ## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5 6 7 8	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207 1.0305 0.9533 0.8866 0.8303 0.7797 0.7365	nan nan nan NalidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544 0.0441 0.0380 0.0326 0.0269 0.0233 0.0203
## ## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5 6 7 8 9	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207 1.0305 0.9533 0.8866 0.8303 0.7797 0.7365 0.6987	nan nan nan NalidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544 0.0380 0.0326 0.0269 0.0233 0.0203 0.0177
######################################	220 240 260 280 300 Iter 1 2 3 4 5 6 7 8 9	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207 1.0305 0.9533 0.8866 0.8303 0.7797 0.7365 0.6987 0.6665	nan nan nan nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544 0.0380 0.0326 0.0269 0.0233 0.0203 0.0177 0.0161
## ## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5 6 7 8 9	0.2373 0.2294 0.2197 0.2114 0.2041 TrainDeviance 1.2329 1.1207 1.0305 0.9533 0.8866 0.8303 0.7797 0.7365 0.6987	nan nan nan NalidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	-0.0002 0.0000 -0.0004 -0.0005 -0.0004 Improve 0.0668 0.0544 0.0380 0.0326 0.0269 0.0233 0.0203 0.0177

##	60	0.3566	nan	0.1000	-0.0003
##	80	0.3355	nan	0.1000	-0.0009
##	100	0.3168	nan	0.1000	-0.0003
##	120	0.3040	nan	0.1000	-0.0003
##	140	0.2921	nan	0.1000	-0.0006
##	160	0.2796		0.1000	
			nan		-0.0007
##	180	0.2698	nan	0.1000	-0.0009
##	200	0.2610	nan	0.1000	-0.0002
##	220	0.2510	nan	0.1000	-0.0005
##	240	0.2428	nan	0.1000	-0.0007
##	260	0.2353	nan	0.1000	-0.0005
##	280	0.2273	nan	0.1000	-0.0006
##	300	0.2194	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2314	nan	0.1000	0.0664
##	2				
	3	1.1241	nan	0.1000	0.0527
##		1.0322	nan	0.1000	0.0443
##	4	0.9529	nan	0.1000	0.0385
##	5	0.8893	nan	0.1000	0.0321
##	6	0.8329	nan	0.1000	0.0273
##	7	0.7838	nan	0.1000	0.0236
##	8	0.7393	nan	0.1000	0.0215
##	9	0.6976	nan	0.1000	0.0191
##	10	0.6625	nan	0.1000	0.0166
##	20	0.4813	nan	0.1000	0.0053
##	40	0.3912	nan	0.1000	0.0005
##	60	0.3587	nan	0.1000	-0.0005
##	80	0.3413	nan	0.1000	-0.0009
##					
	100	0.3270	nan	0.1000	-0.0005
##	120	0.3105	nan	0.1000	-0.0003
##	140	0.2975	nan	0.1000	-0.0003
##	160	0.2846	nan	0.1000	-0.0007
##	180	0.2731	nan	0.1000	-0.0007
##	200	0.2655	nan	0.1000	-0.0009
##	220	0.2567	nan	0.1000	-0.0003
##	240	0.2495	nan	0.1000	-0.0006
##	260	0.2420	nan	0.1000	-0.0006
##	280	0.2350	nan	0.1000	-0.0006
##	300	0.2282	nan	0.1000	-0.0003
##	300	0.2202	IIali	0.1000	-0.0003
	Iter	TrainDoviance	ValidDeviance	C+onCizo	Tmprovo
		TrainDeviance	vaciubeviance	StepSize	Improve
##					
	1	1.0661	nan	0.3000	0.1452
##	2	0.9189	nan	0.3000	0.0704
##	2 3	0.9189 0.8101		0.3000 0.3000	0.0704 0.0545
## ##	2 3 4	0.9189 0.8101 0.7259	nan	0.3000	0.0704 0.0545 0.0406
##	2 3 4 5	0.9189 0.8101	nan nan	0.3000 0.3000	0.0704 0.0545
## ##	2 3 4	0.9189 0.8101 0.7259	nan nan nan	0.3000 0.3000 0.3000	0.0704 0.0545 0.0406
## ## ##	2 3 4 5	0.9189 0.8101 0.7259 0.6756	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.0704 0.0545 0.0406 0.0226
## ## ## ##	2 3 4 5 6	0.9189 0.8101 0.7259 0.6756 0.6292	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206
## ## ## ##	2 3 4 5 6 7	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126
## ## ## ## ##	2 3 4 5 6 7 8	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164
## ## ## ## ##	2 3 4 5 6 7 8 9	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0002
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0002
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0002
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0002 -0.0004 -0.0005 -0.0008
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0002 -0.0005 -0.0008 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.00010 -0.0002
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0002 -0.0001
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0002 -0.00011 -0.0006
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0002 -0.0001
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0002 -0.00011 -0.0006
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200 220 240	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3338 0.3292 0.3249 0.3219	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0008 -0.0003 -0.0010 -0.0002 -0.0011 -0.0006 -0.0007
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3338 0.3292 0.3249 0.3219	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	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0002 -0.0011 -0.0006 -0.0007 -0.0003
######################################	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	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3338 0.3292 0.3249 0.3219 0.3178	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0006 -0.0007 -0.0003 -0.0010
######################################	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	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3338 0.3292 0.3249 0.3219 0.3178	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0011 -0.0006 -0.0007 -0.0003 -0.0010 -0.0012
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0007 -0.0003 -0.0010 -0.00012 Improve
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0007 -0.0003 -0.0010 -0.00012 Improve 0.1490
######################################	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	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0007 -0.0003 -0.0010 -0.00012 Improve 0.1490 0.0811
######################################	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	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122 0.8169	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0007 -0.0003 -0.0010 -0.00012 Improve 0.1490 0.0811 0.0459
#######################################	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 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122 0.8169 0.7371	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0126 0.0164 0.0079 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0007 -0.0003 -0.0010 -0.00012 Improve 0.1490 0.0811 0.0459 0.0406
#######################################	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 4 5 5	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122 0.8169 0.7371 0.6853	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0008 -0.0001 -0.0007 -0.0003 -0.0010 -0.00012 Improve 0.1490 0.0811 0.0459 0.0406 0.0251
#######################################	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 4 5 6 6 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122 0.8169 0.7371 0.6853 0.6395	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0002 -0.0011 -0.0005 -0.0003 -0.0010 -0.0002 -0.0011 -0.0005 -0.0001 -0.0005 -0.0001 -0.0005 -0.0001 -0.0005 -0.0001 -0.0005 -0.0001 -0.0005 -0.0001 -0.0005 -
#######################################	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 4 5 6 7 7 7 8 7 8 8 9 8 9 8 9 9 9 9 9 9 9 1 9 1 9 1 9 1	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122 0.8169 0.7371 0.6853 0.6395 0.6014	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0007 -0.0003 -0.0010 -0.00012 Improve 0.1490 0.0811 0.0459 0.0406 0.0251 0.0212 0.0184
#######################################	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 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122 0.8169 0.7371 0.6853 0.6395 0.6014 0.5679	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0007 -0.0003 -0.0010 -0.0012 Improve 0.1490 0.0811 0.0459 0.0406 0.0251 0.0212 0.0184 0.0124
#######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 200 220 240 260 280 300 Iter 1 2 3 4 5 6 6 7 7 8 8 9 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122 0.8169 0.7371 0.6853 0.6395 0.6014 0.5679 0.5469	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0002 -0.0011 -0.0005 -0.0003 -0.0010 -0.0012 Improve 0.1490 0.0811 0.0459 0.0406 0.0251 0.0212 0.0184 0.0124
#######################################	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 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.9189 0.8101 0.7259 0.6756 0.6292 0.5999 0.5678 0.5493 0.5299 0.4292 0.3893 0.3736 0.3641 0.3571 0.3509 0.3441 0.3387 0.3388 0.3292 0.3249 0.3219 0.3178 0.3153 0.3119 TrainDeviance 1.0742 0.9122 0.8169 0.7371 0.6853 0.6395 0.6014 0.5679	nan	0.3000 0.3000	0.0704 0.0545 0.0406 0.0226 0.0206 0.0126 0.0126 0.0164 0.0079 0.0076 0.0013 -0.0004 -0.0005 -0.0008 -0.0003 -0.0010 -0.0007 -0.0003 -0.0010 -0.0012 Improve 0.1490 0.0811 0.0459 0.0406 0.0251 0.0212 0.0184 0.0124

##	20	0.4302	nan	0.3000	0.0027
##	40	0.3860	nan	0.3000	-0.0017
##	60	0.3738	nan	0.3000	-0.0010
##	80	0.3651	nan	0.3000	-0.0009
##	100	0.3586	nan	0.3000	-0.0020
##	120	0.3520	nan	0.3000	-0.0007
##	140	0.3467	nan	0.3000	-0.0000
##	160	0.3431	nan	0.3000	-0.0002
##	180	0.3380	nan	0.3000	-0.0009
##	200	0.3328	nan	0.3000	-0.0002
##	220	0.3291	nan	0.3000	-0.0005
##	240	0.3250	nan	0.3000	-0.0008
##	260	0.3214	nan	0.3000	-0.0007
##	280	0.3176		0.3000	-0.0002
			nan		
##	300	0.3148	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0688	nan	0.3000	0.1458
##	2	0.9061	nan	0.3000	0.0812
##	3	0.8068	nan	0.3000	0.0447
##	4	0.7307	nan	0.3000	0.0382
##	5	0.6805	nan	0.3000	0.0232
##	6	0.6392	nan	0.3000	0.0175
##	7	0.6003	nan	0.3000	0.0202
##	8	0.5718	nan	0.3000	0.0124
##	9	0.5507	nan	0.3000	0.0088
##	10	0.5245	nan	0.3000	0.0114
##	20	0.4290	nan	0.3000	0.0028
##	40	0.3864	nan	0.3000	-0.0002
##	60	0.3762	nan	0.3000	-0.0007
##	80	0.3690	nan	0.3000	-0.0007
##	100	0.3631	nan	0.3000	-0.0009
##	120	0.3582	nan	0.3000	-0.0010
##	140	0.3523		0.3000	0.0001
			nan		
##	160	0.3489	nan	0.3000	-0.0005
##	180	0.3439	nan	0.3000	-0.0004
##	200	0.3394	nan	0.3000	-0.0014
##	220	0.3356	nan	0.3000	-0.0012
##	240	0.3314	nan	0.3000	-0.0018
##	260	0.3257	nan	0.3000	-0.0009
##	280	0.3218	nan	0.3000	-0.0009
##	300	0.3192	nan	0.3000	-0.0011
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0687	nan	0.3000	0.1439
##	2	0.9078			
			nan	0.3000	0.0804
##	3	0.8115	nan	0.3000	0.0436
##	4	0.7287	nan	0.3000	0.0370
##	5	0.6742	nan	0.3000	0.0253
##	6	0.6291	nan	0.3000	0.0200
##	7	0.5940	nan	0.3000	0.0172
##	8	0.5619	nan	0.3000	0.0152
##	9	0.5396	nan	0.3000	0.0100
##	10	0.5235	nan	0.3000	0.0066
##	20	0.4275	nan	0.3000	0.0005
##					
##	4 0				- 0 . 0008
	40 60	0.3842	nan	0.3000	-0.0008 -0.0005
	60	0.3842 0.3743	nan nan	0.3000 0.3000	-0.0005
##	60 80	0.3842 0.3743 0.3657	nan nan nan	0.3000 0.3000 0.3000	-0.0005 -0.0007
##	60 80 100	0.3842 0.3743 0.3657 0.3592	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	-0.0005 -0.0007 -0.0016
## ## ##	60 80 100 120	0.3842 0.3743 0.3657 0.3592 0.3533	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	-0.0005 -0.0007 -0.0016 -0.0006
## ## ##	60 80 100 120 140	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484	nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001
## ## ##	60 80 100 120	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0005 -0.0007 -0.0016 -0.0006
## ## ##	60 80 100 120 140	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001
## ## ## ##	60 80 100 120 140 160	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001
## ## ## ## ##	60 80 100 120 140 160 180	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 0.0001 -0.0004
## ## ## ## ##	60 80 100 120 140 160 180 200	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0001 -0.0004 -0.0003 -0.0012
## ## ## ## ## ##	60 80 100 120 140 160 180 200 220 240	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0001 -0.0004 -0.0003 -0.0012 -0.0000
## ## ## ## ## ##	60 80 100 120 140 160 200 220 240 260	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0004 -0.0003 -0.0012 -0.0000 -0.0008
## ## ## ## ## ##	60 80 100 120 140 160 180 200 220 240 260 280	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195	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	-0.0005 -0.0007 -0.0016 -0.0001 0.0001 -0.0004 -0.0003 -0.0012 -0.0000 -0.0008 -0.0008
## ## ## ## ## ## ##	60 80 100 120 140 160 200 220 240 260	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0004 -0.0003 -0.0012 -0.0000 -0.0008
## ## ## ## ## ## ##	60 80 100 120 140 160 180 200 220 240 260 280 300	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163	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	-0.0005 -0.0007 -0.0016 -0.0001 0.0001 -0.0004 -0.0003 -0.0012 -0.0000 -0.0008 -0.0008 -0.0008
######################################	60 80 100 120 140 160 180 220 240 260 280 300	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0004 -0.0003 -0.0012 -0.0000 -0.0008 -0.0008
## ## ## ## ## ## ## ##	60 80 100 120 140 160 180 200 220 240 260 280 300 Iter 1	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163	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	-0.0005 -0.0007 -0.0016 -0.0001 0.0001 -0.0004 -0.0003 -0.0012 -0.0000 -0.0008 -0.0008 -0.0008
######################################	60 80 100 120 140 160 280 220 240 260 280 300 Iter	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0004 -0.0003 -0.0012 -0.0000 -0.0008 -0.0008
## ## ## ## ## ## ## ##	60 80 100 120 140 160 180 200 220 240 260 280 300 Iter 1	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163 TrainDeviance	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0004 -0.0003 -0.0012 -0.0008 -0.0008 -0.0008
######################################	60 80 100 120 140 160 280 220 240 260 280 300 Iter	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163 TrainDeviance 1.0473 0.8628	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 StepSize 0.3000 0.3000	-0.0005 -0.0007 -0.0016 -0.0001 0.0001 -0.0004 -0.0003 -0.0012 -0.0008 -0.0008 -0.0008 -0.0005 Improve 0.1580 0.0928
######################################	60 80 100 120 140 160 280 240 280 300 Iter 1 2	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163 TrainDeviance 1.0473 0.8628 0.7466	nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 StepSize 0.3000 0.3000	-0.0005 -0.0007 -0.0016 -0.0001 0.0001 -0.0004 -0.0003 -0.0012 -0.0008 -0.0008 -0.0008 -0.0005 Improve 0.1580 0.0928 0.0543
######################################	60 80 100 120 140 160 280 220 240 260 280 300 Iter 1 2 3	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163 TrainDeviance 1.0473 0.8628 0.7466 0.6709	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0004 -0.0003 -0.0008 -0.0008 -0.0008 -0.0005 Improve 0.1580 0.0928 0.0543 0.0376 0.0322
######################################	60 80 100 120 140 160 280 240 280 300 Iter 1 2 3 4 5	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163 TrainDeviance 1.0473 0.8628 0.7466 0.6709 0.6037 0.5454	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0004 -0.0003 -0.0008 -0.0008 -0.0008 -0.0005 Improve 0.1580 0.0928 0.0543 0.0376 0.0322 0.0273
######################################	60 80 100 120 140 160 280 240 260 280 300 Iter 1 2 3 4 5	0.3842 0.3743 0.3657 0.3592 0.3533 0.3484 0.3420 0.3389 0.3347 0.3319 0.3263 0.3229 0.3195 0.3163 TrainDeviance 1.0473 0.8628 0.7466 0.6709 0.6037	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	-0.0005 -0.0007 -0.0016 -0.0006 -0.0001 -0.0004 -0.0003 -0.0008 -0.0008 -0.0008 -0.0005 Improve 0.1580 0.0928 0.0543 0.0376 0.0322

##	9	0.4663	nan	0.3000	0.0070
##	10	0.4528	nan	0.3000	0.0035
##	20	0.4021	nan	0.3000	-0.0001
##	40	0.3654	nan	0.3000	-0.0009
##	60	0.3470	nan	0.3000	-0.0010
##	80	0.3258	nan	0.3000	-0.0003
##	100	0.3047	nan	0.3000	0.0001
##	120	0.2916	nan	0.3000	-0.0001
##	140	0.2772	nan	0.3000	-0.0002
##	160	0.2616	nan	0.3000	-0.0016
##	180	0.2461	nan	0.3000	-0.0002
##	200	0.2361	nan	0.3000	-0.0011
##	220	0.2251	nan	0.3000	-0.0012
##	240	0.2138	nan	0.3000	-0.0006
##	260	0.2038	nan	0.3000	-0.0006
##	280	0.1962	nan	0.3000	-0.0010
##	300	0.1894	nan	0.3000	-0.0008
##	300	0.1054	nan	0.5000	-0.0000
	T	T	V-11-ID1	61 61	.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0379	nan	0.3000	0.1571
##	2	0.8549	nan	0.3000	0.0854
##	3	0.7342	nan	0.3000	0.0584
##	4	0.6498	nan	0.3000	0.0410
##	5	0.5779	nan	0.3000	0.0364
	6				
##		0.5451	nan	0.3000	0.0128
##	7	0.5103	nan	0.3000	0.0137
##	8	0.4783	nan	0.3000	0.0141
##	9	0.4629	nan	0.3000	0.0047
##	10	0.4492	nan	0.3000	0.0047
##	20	0.3970	nan	0.3000	0.0001
##	40	0.3594	nan	0.3000	-0.0007
##	60	0.3317	nan	0.3000	-0.0020
##	80	0.3119	nan	0.3000	-0.0018
##	100	0.2990	nan	0.3000	-0.0009
##	120	0.2864	nan	0.3000	-0.0003
##	140	0.2731	nan	0.3000	-0.0002
##	160	0.2624	nan	0.3000	-0.0006
	180	0.2551			-0.0001
##			nan	0.3000	
##	200	0.2448	nan	0.3000	-0.0002
##	220	0.2366	nan	0.3000	-0.0000
##	240	0.2249	nan	0.3000	-0.0014
##	260	0.2172	nan	0.3000	-0.0007
##	280	0.2088	nan	0.3000	-0.0011
##	300	0.2009	nan	0.3000	-0.0009
##	300	012003	nan	015000	0.0003
	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmnrovo
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0266	nan	0.3000	0.1619
##	2	0.8519	nan	0.3000	0.0869
##	3	0 7205	nan	0.3000	0.0500
##		0.7305		0.5000	0.0590
##	4	0.6533	nan	0.3000	0.0390
		0.6533	nan	0.3000	0.0367
##	5	0.6533 0.5923	nan nan	0.3000 0.3000	0.0367 0.0270
##	5 6	0.6533 0.5923 0.5495	nan nan nan	0.3000 0.3000 0.3000	0.0367 0.0270 0.0201
##	5 6 7	0.6533 0.5923 0.5495 0.5063	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.0367 0.0270 0.0201 0.0211
##	5 6 7 8	0.6533 0.5923 0.5495 0.5063 0.4846	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0367 0.0270 0.0201 0.0211 0.0064
## ## ##	5 6 7 8 9	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105
## ##	5 6 7 8 9 10	0.6533 0.5923 0.5495 0.5063 0.4846	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0367 0.0270 0.0201 0.0211 0.0064
## ## ##	5 6 7 8 9	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105
## ## ## ##	5 6 7 8 9 10	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058
## ## ## ## ##	5 6 7 8 9 10 20 40	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0002
## ## ## ## ##	5 6 7 8 9 10 20 40 60	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0002
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0002 -0.0015 -0.0011
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0002 -0.0015 -0.0011
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0002 -0.0015 -0.0011 -0.0023 -0.0014
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0002 -0.0015 -0.0011
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0002 -0.0015 -0.0011 -0.0023 -0.0014
## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0002 -0.0015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009
## ## ## ## ## ## ##	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007 -0.0008
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007 -0.0008 -0.0008
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	0.6533 0.5923 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007 -0.0008 -0.0010 -0.0006
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007 -0.0008 -0.0008
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	0.6533 0.5923 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007 -0.0008 -0.0010 -0.0006
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311	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	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007 -0.0008 -0.0010 -0.0006 -0.0013
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311 0.2247 0.2186 0.2104	nan	0.3000 0.3000	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007 -0.0008 -0.0010 -0.0006 -0.00013 -0.0005
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311 0.2247 0.2186 0.2104	nan	0.3000 0.3000	0.0367 0.0270 0.0271 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0005 -0.0015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0009 -0.0008 -0.0007 -0.0008 -0.0010 -0.0006 -0.0013 -0.0005
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311 0.2247 0.2186 0.2104	nan	0.3000 0.3000	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0008 -0.0008 -0.0010 -0.0006 -0.0013 -0.0005
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311 0.2247 0.2186 0.2104 TrainDeviance 1.0346 0.8507	nan	0.3000 0.3000	0.0367 0.0270 0.0271 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0005 -0.0015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0009 -0.0008 -0.0007 -0.0008 -0.0010 -0.0005 Improve 0.1613 0.0897
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311 0.2247 0.2186 0.2104	nan	0.3000 0.3000	0.0367 0.0270 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0008 -0.0008 -0.0010 -0.0006 -0.0013 -0.0005
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311 0.2247 0.2186 0.2104 TrainDeviance 1.0346 0.8507	nan	0.3000 0.3000	0.0367 0.0270 0.0271 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0005 -0.0015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0009 -0.0008 -0.0007 -0.0008 -0.0010 -0.0005 Improve 0.1613 0.0897
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311 0.2247 0.2186 0.2104 TrainDeviance 1.0346 0.8507 0.7270	nan	0.3000 0.3000	0.0367 0.0270 0.0271 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.00015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0009 -0.0008 -0.0010 -0.0006 -0.0013 -0.0005 Improve 0.1613 0.0897 0.0607
######################################	5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2 3	0.6533 0.5923 0.5495 0.5063 0.4846 0.4613 0.4489 0.3948 0.3640 0.3411 0.3266 0.3099 0.2983 0.2873 0.2769 0.2646 0.2554 0.2423 0.2311 0.2247 0.2186 0.2104 TrainDeviance 1.0346 0.8507 0.7270 0.6460	nan	0.3000 0.3000	0.0367 0.0270 0.0271 0.0201 0.0211 0.0064 0.0105 0.0058 -0.0002 -0.0005 -0.0015 -0.0011 -0.0023 -0.0014 -0.0015 -0.0009 -0.0008 -0.0007 -0.0008 -0.0010 -0.0005 Improve 0.1613 0.0897 0.0607 0.0388

##	7	0.5020	nan	0.3000	0.0175
##	8	0.4793	nan	0.3000	0.0103
##	9	0.4612	nan	0.3000	0.0078
##	10	0.4477	nan	0.3000	0.0055
##	20	0.3948	nan	0.3000	0.0002
##	40	0.3619	nan	0.3000	-0.0015
##	60	0.3414	nan	0.3000	-0.0015
##	80	0.3258	nan	0.3000	-0.0016
##	100	0.3080	nan	0.3000	-0.0016
##	120	0.2960	nan	0.3000	-0.0013
##	140	0.2851	nan	0.3000	-0.0009
##	160	0.2723	nan	0.3000	-0.0016
##	180	0.2629	nan	0.3000	-0.0006
##	200	0.2566	nan	0.3000	-0.0021
##	220	0.2456	nan	0.3000	-0.0021
##	240	0.2357	nan	0.3000	-0.0005
##	260				-0.0003
##		0.2305	nan	0.3000	
	280	0.2216	nan	0.3000	-0.0021
##	300	0.2152	nan	0.3000	-0.0018
##	T+	T	V-1: 4D:	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0113	nan	0.3000	0.1724
##	2	0.8165	nan	0.3000	0.0968
##	3	0.6933	nan	0.3000	0.0571
##	4	0.6166	nan	0.3000	0.0354
##	5	0.5507	nan	0.3000	0.0292
##	6	0.5060	nan	0.3000	0.0191
##	7	0.4749	nan	0.3000	0.0141
##	8	0.4554	nan	0.3000	0.0059
##	9	0.4386	nan	0.3000	0.0069
##	10	0.4269	nan	0.3000	0.0000
##	20	0.3734	nan	0.3000	-0.0017
##	40	0.3337	nan	0.3000	-0.0008
##	60	0.3003	nan	0.3000	-0.0001
##	80	0.2736	nan	0.3000	-0.0015
##	100	0.2442	nan	0.3000	-0.0028
##	120	0.2208	nan	0.3000	-0.0008
##	140	0.2040	nan	0.3000	-0.0006
##	160	0.1867	nan	0.3000	-0.0012
##	180	0.1704	nan	0.3000	-0.0012
##	200	0.1566		0.3000	-0.0011
##			nan		
	220	0.1437	nan	0.3000	-0.0016
##	240	0.1331	nan	0.3000	-0.0015
##	260	0.1210	nan	0.3000	-0.0014
##	280	0.1119	nan	0.3000	-0.0005
##	300	0.1035	nan	0.3000	-0.0009
##	- .			o. o.	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0249	nan	0.3000	0.1644
##	2	0.8381	nan	0.3000	0.0920
##	3	0.7166	nan	0.3000	0.0557
##	4	0.6331	nan	0.3000	0.0389
##	5	0.5673	nan	0.3000	0.0324
##	6	0.5167	nan	0.3000	0.0236
##	7	0.4818	nan	0.3000	0.0148
##	8	0.4598	nan	0.3000	0.0070
##	9	0.4375	nan	0.3000	0.0109
##	10	0.4265	nan	0.3000	0.0037
##	20	0.3647	nan	0.3000	-0.0031
##	40	0.3304	nan	0.3000	-0.0022
##	60	0.2955	nan	0.3000	-0.0010
##	80	0.2739	nan	0.3000	-0.0013
##	100	0.2565	nan	0.3000	-0.0009
##	120	0.2397	nan	0.3000	-0.0016
##	140	0.2243	nan	0.3000	-0.0007
##	160	0.2058	nan	0.3000	0.0002
##	180	0.1896	nan	0.3000	-0.0002
##	200	0.1781	nan	0.3000	-0.0009
##	220	0.1661	nan	0.3000	-0.0020
##	240	0.1552	nan	0.3000	-0.0020
##	260	0.1443		0.3000	-0.0008
			nan		
##	280	0.1363	nan	0.3000	-0.0020
##	300	0.1275	nan	0.3000	-0.0006
##	T+	TrainDavid	V-1 - 4D	C+ a= C =	Tmm
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0243	nan	0.3000	0.1684
##	2	0.8433	nan	0.3000	0.0886
##	3	0.7009	nan	0.3000	0.0657
##	4	0.6133	nan	0.3000	0.0406

##	5	0.5514	nan	0.3000	0.0287
##	6	0.4999	nan	0.3000	0.0239
##	7	0.4696	nan	0.3000	0.0137
##	8	0.4508	nan	0.3000	0.0067
##	9	0.4333	nan	0.3000	0.0076
##	10	0.4220	nan	0.3000	0.0041
##	20	0.3848	nan	0.3000	-0.0003
##	40	0.3418	nan	0.3000	-0.0004
##	60	0.3064	nan	0.3000	-0.0014
##	80	0.2850	nan	0.3000	-0.0014
##	100	0.2638	nan	0.3000	0.0001
##	120	0.2493	nan	0.3000	-0.0041
##	140	0.2325		0.3000	-0.0014
			nan		
##	160	0.2197	nan	0.3000	-0.0009
##	180	0.2077	nan	0.3000	-0.0019
##	200	0.1949	nan	0.3000	-0.0019
##	220	0.1827	nan	0.3000	-0.0007
##	240	0.1708	nan	0.3000	-0.0010
##	260	0.1587	nan	0.3000	-0.0011
##	280	0.1482	nan	0.3000	-0.0012
##	300	0.1374	nan	0.3000	-0.0005
##	500	0.1374	nan	0.5000	0.0003
	T+~~	TrainDavis	Validhavis	C+onCi	Tmn rate
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0183	nan	0.3000	0.1650
##	2	0.8291	nan	0.3000	0.0933
##	3	0.7004	nan	0.3000	0.0611
##	4	0.6206	nan	0.3000	0.0384
##	5	0.5525	nan	0.3000	0.0292
##	6	0.5093	nan	0.3000	0.0209
##	7	0.4799	nan	0.3000	0.0109
##	8	0.4623		0.3000	0.0109
			nan		
##	9	0.4448	nan	0.3000	0.0052
##	10	0.4353	nan	0.3000	0.0023
##	20	0.3776	nan	0.3000	-0.0019
##	40	0.3388	nan	0.3000	-0.0000
##	60	0.3098	nan	0.3000	-0.0013
##	80	0.2860	nan	0.3000	-0.0010
##	100	0.2633	nan	0.3000	-0.0028
##	120	0.2462		0.3000	-0.0020
			nan		
##	140	0.2353	nan	0.3000	-0.0017
##	160	0.2190	nan	0.3000	-0.0007
##	180	0.2054	nan	0.3000	-0.0015
##	200	0.1943	nan	0.3000	-0.0016
##	220	0.1846	nan	0.3000	-0.0026
##	240	0.1750	nan	0.3000	-0.0004
##	260	0.1675	nan	0.3000	-0.0023
##	280	0.1576	nan	0.3000	-0.0005
##	300	0.1485		0.3000	-0.0009
	300	0.1465	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0069	nan	0.3000	0.1752
##	2	0.8070	nan	0.3000	0.1013
##	3	0.6789	nan	0.3000	0.0624
##	4	0.5944	nan	0.3000	0.0410
##	5	0.5354	nan	0.3000	0.0255
##	6	0.5004	nan	0.3000	0.0134
##	7	0.4732			
			nan	0.3000	0.0084
##	8	0.4491	nan	0.3000	0.0093
##	9	0.4299	nan	0.3000	0.0065
##	10	0.4169	nan	0.3000	0.0036
##	20	0.3538	nan	0.3000	-0.0014
##	40	0.3003	nan	0.3000	-0.0031
##	60	0.2479	nan	0.3000	-0.0009
##	80	0.2151	nan	0.3000	-0.0003
##	100	0.1925	nan	0.3000	-0.0004
##					
	120	0.1766	nan	0.3000	-0.0002
##	140	0.1557	nan	0.3000	-0.0004
##	160	0.1396	nan	0.3000	-0.0020
##	180	0.1257	nan	0.3000	-0.0010
##	200	0.1123	nan	0.3000	-0.0009
##	220	0.1026	nan	0.3000	-0.0004
##	240	0.0929	nan	0.3000	-0.0009
##	260	0.0845	nan	0.3000	-0.0008
##	280	0.0774	nan	0.3000	-0.0003
iT#T	200				-0.0003
44.41	200		nan	0.3000	- ७ . ७७७५
##	300	0.0703			
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	Iter 1	TrainDeviance 0.9975			
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve

##	0.6735	nan	0.3000	0.0597
##	4 0.5872	nan	0.3000	0.0410
	5 0.5255	nan	0.3000	0.0264
	6 0.4896	nan	0.3000	0.0138
	7 0.4575		0.3000	0.0130
		nan		
	0.4396	nan	0.3000	0.0052
##	9 0.4288	nan	0.3000	0.0037
## 1	0.4195	nan	0.3000	-0.0006
## 2	0.3663	nan	0.3000	-0.0018
## 4	0.3088	nan	0.3000	-0.0027
## 6		nan	0.3000	-0.0007
## 8		nan	0.3000	-0.0025
## 10		nan	0.3000	-0.0014
## 12	0.1916	nan	0.3000	-0.0026
## 14	9 0.1723	nan	0.3000	-0.0005
## 16	0.1573	nan	0.3000	-0.0013
## 18	0.1460	nan	0.3000	-0.0005
## 20		nan	0.3000	0.0001
## 22		nan	0.3000	-0.0003
## 24		nan	0.3000	-0.0008
## 26	0.1020	nan	0.3000	-0.0009
## 28	0.0943	nan	0.3000	-0.0001
## 30	0.0873	nan	0.3000	-0.0017
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
			•	•
	1.0074	nan	0.3000	0.1764
	0.8180	nan	0.3000	0.0917
	0.6925	nan	0.3000	0.0590
##	0.6040	nan	0.3000	0.0419
	5 0.5503	nan	0.3000	0.0226
	6 0.5057	nan	0.3000	0.0179
	7 0.4701		0.3000	0.0165
		nan		
	0.4453	nan	0.3000	0.0101
	0.4313	nan	0.3000	0.0046
## 1		nan	0.3000	0.0038
## 2	0.3673	nan	0.3000	-0.0012
## 4	0.3159	nan	0.3000	-0.0018
## 6	0.2827	nan	0.3000	-0.0003
## 8	0.2537	nan	0.3000	-0.0009
## 10		nan	0.3000	-0.0025
## 12		nan	0.3000	-0.0019
			0.3000	
		nan		-0.0014
## 16		nan	0.3000	-0.0013
## 18		nan	0.3000	-0.0012
## 20		nan	0.3000	-0.0007
## 22		nan	0.3000	-0.0014
## 24	0.1229	nan	0.3000	-0.0009
## 26	0.1152	nan	0.3000	-0.0011
## 28	0.1048	nan	0.3000	-0.0005
## 30	0.0972	nan	0.3000	-0.0005
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
	1 1.0061	nan	0.3000	0.1710
	0.8081	nan	0.3000	0.0938
	0.6863	nan	0.3000	0.0585
	4 0.5985	nan	0.3000	0.0401
##	0.5430	nan	0.3000	0.0263
##	0.4956	nan	0.3000	0.0182
	0.4644	nan	0.3000	0.0116
	0.4452	nan	0.3000	0.0071
	9 0.4332	nan	0.3000	0.0071
		nan	0.3000	0.0032
## 2		nan	0.3000	-0.0004
## 4		nan	0.3000	-0.0020
## 6	0.2837	nan	0.3000	-0.0021
## 8	0.2584	nan	0.3000	-0.0005
## 10	0.2341	nan	0.3000	-0.0011
## 12	0.2131	nan	0.3000	-0.0028
## 14		nan	0.3000	-0.0016
## 16		nan	0.3000	-0.0013
## 18		nan	0.3000	-0.0001
		nan	0.3000	-0.0013
## 22		nan	0.3000	-0.0007
## 24		nan	0.3000	-0.0013
## 26		nan	0.3000	-0.0013
## 28	0.1076	nan	0.3000	-0.0003
30	0 1012	nan	0.3000	-0.0005
## 30	0.1013	IIali	0.5000	-0.0003
## 30 ##	0.1013	nan	0.3000	-0.0003
	TrainDeviance	ValidDeviance	StepSize	Improve

##	1	1.3545	nan	0.0100	0.0056
##	2	1.3432	nan	0.0100	0.0056
##	3	1.3322	nan	0.0100	0.0054
##	4	1.3215	nan	0.0100	0.0054
##	5	1.3111	nan	0.0100	0.0052
##	6	1.3008	nan	0.0100	0.0051
##	7	1.2906		0.0100	0.0050
			nan		
##	8	1.2808	nan	0.0100	0.0049
##	9	1.2709	nan	0.0100	0.0049
##	10	1.2614	nan	0.0100	0.0047
##	20	1.1743	nan	0.0100	0.0039
##	40	1.0408	nan	0.0100	0.0028
##	60	0.9443	nan	0.0100	0.0019
##	80	0.8702	nan	0.0100	0.0016
##	100	0.8099	nan	0.0100	0.0013
##	120	0.7602	nan	0.0100	0.0011
##	140	0.7185	nan	0.0100	0.0009
##	160				0.0003
		0.6830	nan	0.0100	
##	180	0.6524	nan	0.0100	0.0006
##	200	0.6263	nan	0.0100	0.0006
##	220	0.6031	nan	0.0100	0.0005
##	240	0.5835	nan	0.0100	0.0004
##	260	0.5659	nan	0.0100	0.0004
##	280	0.5502	nan	0.0100	0.0004
##	300	0.5365	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3540	nan	0.0100	0.0057
##	2	1.3427	nan	0.0100	0.0055
##	3	1.3318		0.0100	0.0054
			nan		
##	4	1.3210	nan	0.0100	0.0053
##	5	1.3102	nan	0.0100	0.0052
##	6	1.3000	nan	0.0100	0.0051
##	7	1.2898	nan	0.0100	0.0050
##	8	1.2801	nan	0.0100	0.0049
##	9	1.2705	nan	0.0100	0.0048
##	10	1.2608	nan	0.0100	0.0048
##	20	1.1753	nan	0.0100	0.0040
##	40	1.0411	nan	0.0100	0.0029
##	60	0.9445		0.0100	0.0019
			nan		
##	80	0.8698	nan	0.0100	0.0016
##	100	0.8095	nan	0.0100	0.0013
##	120	0.7600	nan	0.0100	0.0011
##	140	0.7179	nan	0.0100	0.0009
##	160	0.6824	nan	0.0100	0.0007
##	180	0.6523	nan	0.0100	0.0006
##	200	0.6259	nan	0.0100	0.0006
##	220	0.6027	nan	0.0100	0.0005
##	240	0.5828	nan	0.0100	0.0004
##	260	0.5656	nan	0.0100	0.0003
##	280	0.5499	nan	0.0100	0.0003
##	300	0.5359	nan	0.0100	0.0002
##	500	0.5555	nan	0.0100	0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	•
##	1	1.3543	nan	0.0100	0.0057
##	2	1.3433	nan	0.0100	0.0055
##	3	1.3323	nan	0.0100	0.0054
##	4	1.3215	nan	0.0100	0.0053
##	5	1.3107	nan	0.0100	0.0051
##	6	1.3005	nan	0.0100	0.0051
##	7	1.2904	nan	0.0100	0.0050
##	8	1.2802	nan	0.0100	0.0050
##	9	1.2702	nan	0.0100	0.0048
##	10	1.2606	nan	0.0100	0.0048
##	20	1.1739	nan	0.0100	0.0039
##	40	1.0401	nan	0.0100	0.0028
##	60	0.9437	nan	0.0100	0.0023
##	80	0.8694	nan	0.0100	0.0021
##	100	0.8096	nan	0.0100	0.0013
##	120	0.7602	nan	0.0100	0.0010
##	140	0.7189	nan	0.0100	0.0009
##	160	0.6840	nan	0.0100	0.0007
##	180	0.6532	nan	0.0100	0.0007
##	200	0.6272	nan	0.0100	0.0006
##	220	0.6046	nan	0.0100	0.0005
##	240	0.5843	nan	0.0100	0.0004
##	260	0.5670	nan	0.0100	0.0003
##	280	0.5512	nan	0.0100	0.0004
##	300	0.5367	nan	0.0100	0.0003
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##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3538	nan	0.0100	0.0056
##	2	1.3430	nan	0.0100	0.0055
##	3	1.3322	nan	0.0100	0.0055
##	4	1.3212	nan	0.0100	0.0053
##	5	1.3106	nan	0.0100	0.0052
##	6	1.2999	nan	0.0100	0.0051
##	7	1.2899	nan	0.0100	0.0050
##	8	1.2800	nan	0.0100	0.0049
##	9	1.2700	nan	0.0100	0.0048
##	10	1.2606	nan	0.0100	0.0046
##	20	1.1736	nan	0.0100	0.0039
##	40	1.0396	nan	0.0100	0.0028
##	60	0.9421	nan	0.0100	0.0021
##	80	0.8675	nan	0.0100	0.0016
##	100	0.8078	nan	0.0100	0.0013
##	120	0.7586	nan	0.0100	0.0010
##	140	0.7169	nan	0.0100	0.0009
##	160	0.6820	nan	0.0100	0.0007
##	180	0.6521	nan	0.0100	0.0007
##	200	0.6259	nan	0.0100	0.0006
##	220	0.6033	nan	0.0100	0.0004
##	240	0.5832	nan	0.0100	0.0004
##	260	0.5655	nan	0.0100	0.0004
##	280	0.5498	nan	0.0100	0.0003
##	300	0.5358	nan	0.0100	0.0003
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3524	nan	0.0100	0.0063
##	2	1.3401	nan	0.0100	0.0061
##	3	1.3280	nan	0.0100	0.0057
##	4	1.3165	nan	0.0100	0.0058
##	5	1.3047	nan	0.0100	0.0057
##	6	1.2935	nan	0.0100	0.0055
##	7	1.2823	nan	0.0100	0.0057
##	8 9	1.2716 1.2609	nan	0.0100	0.0053
##	10	1.2503	nan	0.0100 0.0100	0.0054
##	20	1.1542	nan	0.0100	0.0052 0.0045
##	40	1.0020	nan	0.0100	0.0043
##	60	0.8896	nan nan	0.0100	0.0032
##	80	0.8018	nan	0.0100	0.0018
##	100	0.7323	nan	0.0100	0.0016
##	120	0.6738	nan	0.0100	0.0014
##	140	0.6273	nan	0.0100	0.0012
##	160	0.5876	nan	0.0100	0.0007
##	180	0.5547	nan	0.0100	0.0007
##	200	0.5289	nan	0.0100	0.0005
##	220	0.5072	nan	0.0100	0.0003
##	240	0.4889	nan	0.0100	0.0003
##	260	0.4741	nan	0.0100	0.0002
##	280	0.4612	nan	0.0100	0.0003
##	300	0.4510	nan	0.0100	0.0002
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3532	nan	0.0100	0.0063
##	2	1.3412	nan	0.0100	0.0058
##	3	1.3296	nan	0.0100	0.0058
##	4	1.3179	nan	0.0100	0.0058
##	5	1.3064	nan	0.0100	0.0058
##	6	1.2951	nan	0.0100	0.0054
##	7	1.2840	nan	0.0100	0.0056
##	8	1.2730	nan	0.0100	0.0053
##	9 10	1.2619 1.2515	nan	0.0100 0.0100	0.0054 0.0052
##	20	1.1551	nan		0.0032
##	40	1.1331	nan nan	0.0100 0.0100	0.0043
##	60	0.8911	nan	0.0100	0.0031
##	80	0.8036	nan	0.0100	0.0023
##	100	0.7363	nan	0.0100	0.0013
##	120	0.6783	nan	0.0100	0.0013
##	140	0.6291	nan	0.0100	0.0013
##	160	0.5896	nan	0.0100	0.0008
##	180	0.5568	nan	0.0100	0.0007
##	200	0.5309	nan	0.0100	0.0006
##	220	0.5088	nan	0.0100	0.0004
##	240	0.4911	nan	0.0100	0.0004
##	260	0.4761	nan	0.0100	0.0002
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##	280	0.4628	nan	0.0100	0.0003
##	300	0.4522	nan	0.0100	0.0002
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3527	nan	0.0100	0.0062
##	2	1.3408	nan	0.0100	0.0060
##	4	1.3289 1.3168	nan	0.0100 0.0100	0.0059 0.0060
##	5	1.3052	nan nan	0.0100	0.0057
##	6	1.2940	nan	0.0100	0.0057
##	7	1.2827	nan	0.0100	0.0055
##	8	1.2720	nan	0.0100	0.0054
##	9	1.2614	nan	0.0100	0.0053
##	10	1.2506	nan	0.0100	0.0055
##	20	1.1542	nan	0.0100	0.0043
##	40	1.0024	nan	0.0100	0.0033
##	60	0.8900	nan	0.0100	0.0023
##	80	0.8010	nan	0.0100	0.0017
##	100	0.7317	nan	0.0100	0.0013
##	120	0.6755	nan	0.0100	0.0013
##	140	0.6275	nan	0.0100	0.0009
##	160	0.5890	nan	0.0100	0.0009
##	180	0.5568	nan	0.0100	0.0006
##	200	0.5312	nan	0.0100	0.0006
##	220	0.5085	nan	0.0100	0.0005
##	240	0.4909	nan	0.0100	0.0004
##	260	0.4761	nan	0.0100	0.0003
##	280	0.4628	nan	0.0100	0.0003
##	300	0.4523	nan	0.0100	0.0001
##	T+0.0	TrainDaviance	ValidDeviance	CtonCina	Tmp may ca
##	Iter 1	TrainDeviance		StepSize	Improve
##	2	1.3531 1.3406	nan nan	0.0100 0.0100	0.0060 0.0062
##	3	1.3287	nan	0.0100	0.0059
##	4	1.3169	nan	0.0100	0.0059
##	5	1.3056	nan	0.0100	0.0057
##	6	1.2942	nan	0.0100	0.0056
##	7	1.2829	nan	0.0100	0.0056
##	8	1.2721	nan	0.0100	0.0054
##	9	1.2610	nan	0.0100	0.0053
##	10	1.2505	nan	0.0100	0.0050
##	20	1.1540	nan	0.0100	0.0045
##	40	1.0021	nan	0.0100	0.0031
##	60	0.8888	nan	0.0100	0.0024
##	80	0.8015	nan	0.0100	0.0020
##	100	0.7326	nan	0.0100	0.0014
##	120	0.6748	nan	0.0100	0.0012
##	140	0.6277	nan	0.0100	0.0011
##	160	0.5885	nan	0.0100	0.0009
##	180	0.5558	nan	0.0100	0.0007
##	200	0.5294	nan	0.0100	0.0006
##	220	0.5077	nan	0.0100	0.0004
##	240	0.4894	nan	0.0100	0.0004
##	260 280	0.4742 0.4618	nan	0.0100 0.0100	0.0004 0.0002
##	300	0.4508	nan nan	0.0100	0.0002
##	500	0.4300	nan	0.0100	0.0002
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3521	nan	0.0100	0.0065
##	2	1.3390	nan	0.0100	0.0062
##	3	1.3266	nan	0.0100	0.0059
##	4	1.3141	nan	0.0100	0.0061
##	5	1.3018	nan	0.0100	0.0060
##	6	1.2897	nan	0.0100	0.0060
##	7	1.2780	nan	0.0100	0.0058
##	8	1.2665	nan	0.0100	0.0056
##	9	1.2553	nan	0.0100	0.0055
##	10	1.2443	nan	0.0100	0.0054
##	20	1.1433	nan	0.0100	0.0047
##	40	0.9816	nan	0.0100	0.0036
##	60	0.8615	nan	0.0100	0.0026
##	80	0.7691	nan	0.0100	0.0021
##	100	0.6963	nan	0.0100	0.0015
##	120	0.6382	nan	0.0100	0.0010
##	140	0.5908 0.5540	nan	0.0100	0.0011
##	160 180	0.5231	nan	0.0100 0.0100	0.0008 0.0006
##	200	0.4988	nan nan	0.0100	0.0006
##	200	0.4988	nan nan	0.0100	0.0003
"#	220	0.7700	nan	3.0100	0.0005

##	240	0.4625	nan	0.0100	0.0003
##	260	0.4487	nan	0.0100	0.0002
##	280	0.4377	nan	0.0100	0.0002
##	300	0.4283	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3524	nan	0.0100	0.0065
##	2	1.3396	nan	0.0100	0.0063
##	3	1.3265	nan	0.0100	0.0064
##	4	1.3137	nan	0.0100	0.0062
##	5	1.3016	nan	0.0100	0.0059
##	6	1.2896	nan	0.0100	0.0059
##	7	1.2778	nan	0.0100	0.0057
##	8	1.2662	nan	0.0100	0.0057
##	9	1.2549	nan	0.0100	0.0054
##	10	1.2437	nan	0.0100	0.0055
##	20	1.1413	nan	0.0100	0.0045
##	40	0.9809	nan	0.0100	0.0034
##	60	0.8605	nan	0.0100	0.0025
##	80	0.7692	nan	0.0100	0.0018
##	100	0.6961	nan	0.0100	0.0015
##	120	0.6396	nan	0.0100	0.0012
##	140	0.5922	nan	0.0100	0.0010
##	160	0.5534	nan	0.0100	0.0007
##	180	0.5229	nan	0.0100	0.0007
##	200	0.4981	nan	0.0100	0.0007
##	220	0.4784	nan	0.0100	0.0003
##	240	0.4629	nan	0.0100	0.0004
##	260	0.4498	nan	0.0100	0.0002
##	280	0.4387	nan	0.0100	0.0002
##	300	0.4296		0.0100	0.0002
	300	0.4290	nan	0.0100	0.0002
##	Ttor	TrainDoviance	ValidDeviance	C+onCizo	Tmprovo
	Iter	TrainDeviance		StepSize	Improve
##	1	1.3525	nan	0.0100	0.0064
##	2	1.3393	nan	0.0100	0.0064
##	3	1.3267	nan	0.0100	0.0062
##	4	1.3141	nan	0.0100	0.0061
##	5	1.3019	nan	0.0100	0.0062
##	6	1.2902	nan	0.0100	0.0059
##	7	1.2782	nan	0.0100	0.0058
##	8	1.2663	nan	0.0100	0.0057
##	9	1.2552	nan	0.0100	0.0055
##	10	1.2442	nan	0.0100	0.0054
##	20	1.1411	nan	0.0100	0.0046
##	40	0.9814	nan	0.0100	0.0032
##	60	0.8619	nan	0.0100	0.0025
##	80	0.7680	nan	0.0100	0.0021
##	100	0.6962	nan	0.0100	0.0015
##	120	0.6380	nan	0.0100	0.0011
##	140	0.5918	nan	0.0100	0.0009
##	160	0.5544	nan	0.0100	0.0007
##	180	0.5240	nan	0.0100	0.0007
##	200	0.4994	nan	0.0100	0.0005
##	220	0.4799	nan	0.0100	0.0003
##	240	0.4639	nan	0.0100	0.0003
##	260	0.4504	nan	0.0100	0.0003
##	280	0.4394	nan	0.0100	0.0002
##	300	0.4305	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3521	nan	0.0100	0.0066
##	2	1.3391	nan	0.0100	0.0062
##	3	1.3264	nan	0.0100	0.0064
##	4	1.3141	nan	0.0100	0.0061
##	5	1.3017	nan	0.0100	0.0060
##	6	1.2898	nan	0.0100	0.0059
##	7	1.2781	nan	0.0100	0.0056
##	8	1.2665	nan	0.0100	0.0057
##	9	1.2554	nan	0.0100	0.0055
##	10	1.2442	nan	0.0100	0.0054
##	20	1.1424	nan	0.0100	0.0046
##	40	0.9815	nan	0.0100	0.0033
##	60	0.8619	nan	0.0100	0.0026
##	80	0.7691	nan	0.0100	0.0019
##	100	0.6963	nan	0.0100	0.0015
##	120	0.6393	nan	0.0100	0.0013
##	140	0.5924	nan	0.0100	0.0010
##	160	0.5545	nan	0.0100	0.0007
##	180	0.5238	nan	0.0100	0.0005

##	200	0.4995	nan	0.0100	0.0005
##	220	0.4794	nan	0.0100	0.0004
##	240	0.4630	nan	0.0100	0.0004
##	260	0.4500	nan	0.0100	0.0002
##	280	0.4391	nan	0.0100	0.0002
##	300	0.4299	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3518	nan	0.0100	0.0069
##	2	1.3376	nan	0.0100	0.0065
##	3	1.3244	nan	0.0100	0.0066
##	4	1.3117	nan	0.0100	0.0063
##	5	1.2992	nan	0.0100	0.0064
##	6	1.2871	nan	0.0100	0.0061
##	7	1.2744	nan	0.0100	0.0061
##	8	1.2625	nan	0.0100	0.0060
##	9	1.2507	nan	0.0100	0.0057
##	10	1.2391	nan	0.0100	0.0058
##	20	1.1345	nan	0.0100	0.0048
##	40	0.9677	nan	0.0100	0.0037
##	60	0.8448	nan	0.0100	0.0023
##	80	0.7499	nan	0.0100	0.0020
##	100	0.6766		0.0100	0.0020
##	120	0.6185	nan	0.0100	0.0013
	140	0.5725	nan		
##			nan	0.0100	0.0009
##	160	0.5360	nan	0.0100	0.0006
##	180	0.5067	nan	0.0100	0.0005
##	200	0.4837	nan	0.0100	0.0006
##	220	0.4645	nan	0.0100	0.0003
##	240	0.4490	nan	0.0100	0.0002
##	260	0.4358	nan	0.0100	0.0002
##	280	0.4245	nan	0.0100	0.0002
##	300	0.4153	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3519	nan	0.0100	0.0068
##	2	1.3385	nan	0.0100	0.0065
##	3	1.3250	nan	0.0100	0.0065
##	4	1.3119	nan	0.0100	0.0064
##	5	1.2990	nan	0.0100	0.0063
##	6	1.2865	nan	0.0100	0.0062
##	7	1.2741	nan	0.0100	0.0058
##	8	1.2620	nan	0.0100	0.0059
##	9	1.2500	nan	0.0100	0.0057
##	10	1.2387	nan	0.0100	0.0055
##	20	1.1326	nan	0.0100	0.0048
##	40	0.9665	nan	0.0100	0.0035
##	60	0.8438	nan	0.0100	0.0025
##	80	0.7497	nan	0.0100	0.0019
##	100	0.6773	nan	0.0100	0.0015
##	120	0.6202	nan	0.0100	0.0012
##	140	0.5747	nan	0.0100	0.0010
##	160	0.5378	nan	0.0100	0.0008
##	180	0.5079	nan	0.0100	0.0005
##	200	0.4849	nan	0.0100	0.0004
##	220	0.4652	nan	0.0100	0.0004
##	240	0.4492	nan	0.0100	0.0002
##	260	0.4365	nan	0.0100	0.0002
##	280	0.4250	nan	0.0100	0.0001
##	300	0.4158	nan	0.0100	0.0001
##	300	01.1250	nan	0.0100	0.0001
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3518	nan	0.0100	0.0068
##	2	1.3379	nan	0.0100	0.0066
##	3	1.3246	nan	0.0100	0.0067
##	4	1.3116		0.0100	0.0063
##	5	1.2988	nan nan	0.0100	0.0063
##	6		nan		
	6 7	1.2861	nan	0.0100	0.0061
##		1.2741	nan	0.0100	0.0058
##	8	1.2621	nan	0.0100	0.0059
##	9	1.2501	nan	0.0100	0.0058
##	10	1.2384	nan	0.0100	0.0057
##	20	1.1331	nan	0.0100	0.0048
##	40	0.9673	nan	0.0100	0.0035
##	60	0.8449	nan	0.0100	0.0025
##	80	0.7511	nan	0.0100	0.0020
##	100	0.6775	nan	0.0100	0.0015
##	120	0.6196	nan	0.0100	0.0011
##	140	0.5729	nan	0.0100	0.0008

##	160	0.5371	nan	0.0100	0.0006
##	180	0.5063	nan	0.0100	0.0006
##	200	0.4829	nan	0.0100	0.0004
##	220	0.4638	nan	0.0100	0.0004
##	240	0.4483	nan	0.0100	0.0002
##	260	0.4351	nan	0.0100	0.0003
##	280	0.4244	nan	0.0100	0.0002
##	300	0.4156	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3517	nan	0.0100	0.0067
##	2	1.3382	nan	0.0100	0.0066
##		1.3251	nan	0.0100	0.0066
##		1.3121	nan	0.0100	0.0064
##	5	1.2994	nan	0.0100	0.0063
##	6	1.2870	nan	0.0100	0.0062
##	7	1.2748	nan	0.0100	0.0060
##	8	1.2628	nan	0.0100	0.0059
##	9	1.2510	nan	0.0100	0.0057
##		1.2392	nan	0.0100	0.0056
##		1.1342	nan	0.0100	0.0046
##		0.9677	nan	0.0100	0.0034
##	60	0.8442	nan	0.0100	0.0027
##		0.7513	nan	0.0100	0.0027
##		0.6786	nan	0.0100	0.0019
##		0.6215	nan	0.0100	0.0013
##		0.5756	nan	0.0100	0.0012
##		0.5383	nan	0.0100	0.0010
##		0.5090	nan	0.0100	0.0007
##	200	0.4864	nan	0.0100	0.0007
##		0.4676	nan	0.0100	0.0004
##		0.4522			
##			nan	0.0100	0.0004 0.0002
##		0.4392	nan	0.0100	
		0.4277	nan	0.0100	0.0001
##	300	0.4184	nan	0.0100	0.0001
	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmp.rovo
##		TrainDeviance	ValidDeviance	StepSize	Improve
##	1 2	1.2572	nan	0.1000	0.0543
##		1.1662	nan	0.1000	0.0431
##		1.0917	nan	0.1000	0.0367
##	4	1.0313	nan	0.1000	0.0305
##	5	0.9777	nan	0.1000	0.0264
##	6	0.9328	nan	0.1000	0.0211
##	7	0.8953	nan	0.1000	0.0178
##	8	0.8603	nan	0.1000	0.0173
##	9	0.8290	nan	0.1000	0.0149
##	10	0.8018	nan	0.1000	0.0131
##		0.6197	nan	0.1000	0.0057
##		0.4835	nan	0.1000	0.0017
##		0.4366	nan	0.1000	0.0001
##		0.4107	nan	0.1000	0.0003
##		0.3973	nan	0.1000	-0.0001
##		0.3888	nan	0.1000	0.0001
##		0.3831	nan	0.1000	0.0001
##		0.3793	nan	0.1000	-0.0006
##		0.3755	nan	0.1000	-0.0002
##		0.3721	nan	0.1000	-0.0002 -0.0002
##		0.3695	nan	0.1000	-0.0002
##		0.3661	nan	0.1000	-0.0003
##	260	0.3640 0.3617	nan	0.1000	-0.0003 -0.0001
##		0.3617 0.3508	nan	0.1000	-0.0001 -0.0005
##		0.3598	nan	0.1000	-0.0005
##		TrainDovionos	ValidDoviance	StanSiza	Tmprove
##		TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2560	nan	0.1000	0.0539
##	2	1.1694	nan	0.1000	0.0433
##		1.0937	nan	0.1000	0.0377
##	4	1.0320	nan	0.1000	0.0296
##	5	0.9789	nan	0.1000	0.0265
##	6	0.9347	nan	0.1000	0.0217
##	7	0.8973	nan	0.1000	0.0177
##	8	0.8598	nan	0.1000	0.0177
##		0.8288	nan	0.1000	0.0150
##		0.7987	nan	0.1000	0.0136
##	20	0.6213	nan	0.1000	0.0069
##		0.4831	nan	0.1000	0.0019
##		0.4349	nan	0.1000	0.0000
##	80	0.4113	nan	0.1000	0.0002
##	100	0.3986	nan	0.1000	-0.0004

## 126	0.3916	nan	0.1000	-0.0000
## 146	0.3855	nan	0.1000	-0.0003
## 166	0.3818	nan	0.1000	-0.0004
## 186	0.3784	nan	0.1000	-0.0001
## 200	0.3740	nan	0.1000	0.0000
## 226	0.3715	nan	0.1000	-0.0000
## 246	0.3693	nan	0.1000	-0.0002
## 260	0.3661	nan	0.1000	-0.0002
## 286	0.3634	nan	0.1000	-0.0001
## 300	0.3616	nan	0.1000	-0.0000
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 1	1.2550	nan	0.1000	0.0543
## 2	1.1617	nan	0.1000	0.0441
## 3	1.0878	nan	0.1000	0.0349
## 4	1.0264	nan	0.1000	0.0299
## 5	0.9745	nan	0.1000	0.0254
## 6	0.9318	nan	0.1000	0.0221
## 7	0.8930	nan	0.1000	0.0169
## 8	0.8575	nan	0.1000	0.0170
## 9	0.8276	nan	0.1000	0.0142
## 10	0.8004	nan	0.1000	0.0133
## 20	0.6181	nan	0.1000	0.0053
## 40	0.4831	nan	0.1000	0.0014
## 66	0.4356	nan	0.1000	0.0002
## 86	0.4126	nan	0.1000	0.0003
## 100	0.3982	nan	0.1000	0.0004
## 126	0.3903	nan	0.1000	-0.0001
## 146	0.3845	nan	0.1000	-0.0002
## 166	0.3809	nan	0.1000	-0.0000
## 186	0.3766	nan	0.1000	-0.0001
## 200	0.3744	nan	0.1000	-0.0001
## 220	0.3703	nan	0.1000	-0.0003
## 246	0.3679	nan	0.1000	-0.0002
## 266	0.3652	nan	0.1000	-0.0003
## 286	0.3632	nan	0.1000	-0.0002
## 300	0.3611	nan	0.1000	-0.0004
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 1		nan	0.1000	0.0534
## 2	1.1650	nan	0.1000	0.0446
## 3	1.0895	nan	0.1000	0.0356
## 4	1.0255	nan	0.1000	0.0299
## 5		nan	0.1000	0.0249
## 6	0.9295	nan	0.1000	0.0213
## 7	0.8916	nan	0.1000	0.0177
## 8	0.8553	nan	0.1000	0.0171
## 9		nan	0.1000	0.0149
## 16		nan	0.1000	0.0123
## 26		nan	0.1000	0.0050
## 46		nan	0.1000	0.0017
## 66		nan	0.1000	0.0009
## 86		nan	0.1000	0.0001
## 100		nan	0.1000	-0.0001
## 126		nan	0.1000	-0.0007
## 146		nan	0.1000	-0.0002
## 166		nan	0.1000	-0.0002
## 186		nan	0.1000	-0.0002
## 200		nan	0.1000	-0.0002
## 226		nan	0.1000	-0.0005
## 246		nan	0.1000	-0.0002
## 266		nan	0.1000	-0.0006
## 286		nan	0.1000	-0.0004
## 300	0.3593	nan	0.1000	-0.0002
##	Taniabaniaa	V-1 - dD	C+C:	T
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 1		nan	0.1000	0.0602
## 2		nan	0.1000	0.0477
## 3 ## 4		nan	0.1000	0.0394
		nan	0.1000	0.0326
## 5		nan	0.1000	0.0292
## 6		nan	0.1000	0.0274
## 7 ## 8		nan	0.1000	0.0209
		nan	0.1000	0.0218
		nan	0.1000	0.0168
## 16 ## 26		nan	0.1000 0.1000	0.0166
		nan		0.0056
## 46 ## 66		nan	0.1000 0.1000	0.0010 0.0000
<i>""</i>	, 0.38/0	nan	0.1000	0.0000

##	80	0.3735	nan	0.1000	-0.0001
##	100	0.3602	nan	0.1000	-0.0007
##	120	0.3520	nan	0.1000	-0.0006
##	140	0.3425	nan	0.1000	-0.0003
##	160	0.3348	nan	0.1000	-0.0002
##	180	0.3261	nan	0.1000	-0.0002
##				0.1000	-0.0002
	200	0.3196	nan		
##	220	0.3151	nan	0.1000	-0.0008
##	240	0.3074	nan	0.1000	-0.0002
##	260	0.3007	nan	0.1000	-0.0002
##	280	0.2948	nan	0.1000	-0.0003
##	300	0.2897	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2448	nan	0.1000	0.0571
##	2	1.1457	nan	0.1000	0.0483
##	3	1.0598	nan	0.1000	0.0425
##	4	0.9909			
			nan	0.1000	0.0344
##	5	0.9290	nan	0.1000	0.0310
##	6	0.8766	nan	0.1000	0.0251
##	7	0.8324	nan	0.1000	0.0224
##	8	0.7927	nan	0.1000	0.0196
##	9	0.7571	nan	0.1000	0.0171
##	10	0.7245	nan	0.1000	0.0148
##	20	0.5253	nan	0.1000	0.0057
##	40	0.4205	nan	0.1000	0.0007
##	60	0.3897	nan	0.1000	0.0006
##	80	0.3732	nan	0.1000	-0.0003
##	100	0.3628	nan	0.1000	-0.0005
##					
	120	0.3541	nan	0.1000	-0.0001
##	140	0.3457	nan	0.1000	-0.0001
##	160	0.3410	nan	0.1000	-0.0003
##	180	0.3350	nan	0.1000	-0.0006
##	200	0.3268	nan	0.1000	-0.0003
##	220	0.3197	nan	0.1000	-0.0002
##	240	0.3136	nan	0.1000	-0.0001
##	260	0.3085	nan	0.1000	-0.0004
##	280	0.3015	nan	0.1000	-0.0004
##	300	0.2953	nan	0.1000	-0.0002
##	300	0.2555		0.2000	0.000
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	Trei	I I atlibe A talice		3 reharze	TIIIDIOVE
##	1	1 2/50		0 1000	0.0574
##	1	1.2458	nan	0.1000	0.0574
##	2	1.1442	nan nan	0.1000	0.0498
##	2	1.1442 1.0636	nan nan nan	0.1000 0.1000	0.0498 0.0384
## ## ##	2 3 4	1.1442 1.0636 0.9933	nan nan	0.1000 0.1000 0.1000	0.0498 0.0384 0.0345
## ## ##	2 3 4 5	1.1442 1.0636	nan nan nan	0.1000 0.1000	0.0498 0.0384
## ## ##	2 3 4 5 6	1.1442 1.0636 0.9933	nan nan nan nan	0.1000 0.1000 0.1000	0.0498 0.0384 0.0345
## ## ##	2 3 4 5	1.1442 1.0636 0.9933 0.9391	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0498 0.0384 0.0345 0.0270
## ## ## ##	2 3 4 5 6	1.1442 1.0636 0.9933 0.9391 0.8851	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265
## ## ## ## ##	2 3 4 5 6 7	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211
## ## ## ## ##	2 3 4 5 6 7 8	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185
## ## ## ## ## ##	2 3 4 5 6 7 8 9	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0162
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0162 0.0049 0.0001
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0162 0.0049 0.0001
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0162 0.0049 0.0001 -0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.00162 0.0049 0.0001 -0.0003 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0062 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.00012 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0062 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.00012 -0.0003 -0.0004 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.00012 -0.0003 -0.0004 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.00012 -0.0003 -0.0004 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.00012 -0.0003 -0.0004 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -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
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115	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	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005
######################################	2 3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 300 300 300 300 300 300 300 300 3	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0004 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0005
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 240 260 280 300 300 State of the of	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0004 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0007
#######################################	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	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0007
######################################	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	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0007 Improve 0.0571 0.0467
######################################	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	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0004 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0394
#######################################	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	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705 0.9941	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0394 0.0379
######################################	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	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705 0.9941 0.9363	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0004 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0379 0.0284
######################################	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	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705 0.9941 0.9363 0.8845	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0004 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0379 0.0284 0.0265
#######################################	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 7 7	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705 0.9941 0.9363 0.8845 0.8383	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0379 0.0284 0.0265 0.0216
#######################################	2 3 4 4 5 6 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	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705 0.9941 0.9363 0.8845 0.8383 0.8001	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0003 -0.0004 -0.0005 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0394 0.0379 0.0284 0.0265 0.0216 0.0180
#######################################	2 3 4 4 5 6 6 7 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 4 5 5 6 6 7 7 8 8 9	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705 0.9941 0.9363 0.8845 0.8383	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0004 -0.0004 -0.0004 -0.0004 -0.0005 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0379 0.0284 0.0265 0.0216
#######################################	2 3 4 4 5 6 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	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705 0.9941 0.9363 0.8845 0.8383 0.8001	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0004 -0.0005 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0394 0.0379 0.0284 0.0265 0.0216 0.0180
#######################################	2 3 4 4 5 6 6 7 8 9 100 200 400 1200 1400 1800 2200 2400 2800 3000 Iter 1 2 3 3 4 4 5 5 6 6 7 7 8 8 9	1.1442 1.0636 0.9933 0.9391 0.8851 0.8404 0.7979 0.7637 0.7321 0.5314 0.4174 0.3878 0.3742 0.3622 0.3535 0.3464 0.3406 0.3342 0.3273 0.3205 0.3158 0.3115 0.3063 0.3023 TrainDeviance 1.2512 1.1519 1.0705 0.9941 0.9363 0.8845 0.8383 0.8001 0.7635	nan	0.1000 0.1000	0.0498 0.0384 0.0345 0.0270 0.0265 0.0211 0.0185 0.0162 0.0049 0.0001 -0.0003 -0.0004 -0.0003 -0.0004 -0.0004 -0.0003 -0.0004 -0.0005 -0.0005 -0.0007 Improve 0.0571 0.0467 0.0394 0.0379 0.0284 0.0265 0.0216 0.0180 0.0174

##	40	0.4181	nan	0.1000	0.0012
##	60	0.3911	nan	0.1000	-0.0002
##	80	0.3783	nan	0.1000	-0.0003
##	100	0.3665	nan	0.1000	-0.0004
##	120	0.3582	nan	0.1000	-0.0007
##	140	0.3506	nan	0.1000	-0.0007
##	160	0.3430	nan	0.1000	-0.0001
##	180	0.3361	nan	0.1000	-0.0004
##	200	0.3302	nan	0.1000	-0.0002
##	220	0.3232	nan	0.1000	-0.0002
##	240	0.3166	nan	0.1000	-0.0003
##	260	0.3113	nan	0.1000	-0.0001
##	280	0.3078	nan	0.1000	-0.0006
##	300	0.3033	nan	0.1000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2412	nan	0.1000	0.0604
##	2	1.1376		0.1000	
			nan		0.0495
##	3	1.0532	nan	0.1000	0.0404
##	4	0.9775	nan	0.1000	0.0352
##	5	0.9090	nan	0.1000	0.0327
##	6	0.8540	nan	0.1000	0.0272
##	7	0.8073	nan	0.1000	0.0221
##	8	0.7639	nan	0.1000	0.0210
##	9	0.7227	nan	0.1000	0.0190
##	10	0.6925	nan	0.1000	0.0144
##	20	0.4954	nan	0.1000	0.0062
##	40	0.3946	nan	0.1000	0.0000
##	60	0.3672	nan	0.1000	-0.0003
##	80	0.3487	nan	0.1000	-0.0005
##	100	0.3328	nan	0.1000	-0.0003
##	120	0.3185	nan	0.1000	0.0001
##	140	0.3052	nan	0.1000	-0.0008
##	160	0.2944	nan	0.1000	-0.0003
##	180	0.2850	nan	0.1000	-0.0011
##	200	0.2752	nan	0.1000	-0.0003
##	220	0.2634	nan	0.1000	-0.0006
##	240	0.2543	nan	0.1000	-0.0004
##	260	0.2469	nan	0.1000	-0.0005
##	280	0.2374	nan	0.1000	-0.0006
##	300	0.2302	nan	0.1000	-0.0002
##	300	0.2302	nan	0.1000	0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##					
	1	1.2407	nan	0.1000	0.0625
##	2	1.1353	nan	0.1000	0.0519
##	3	1.0454	nan	0.1000	0.0429
##	4	0 0777	nan	0.1000	
##		0.9722			0.0341
##	5	0.9077	nan	0.1000	0.0318
##	5 6				
##		0.9077	nan	0.1000	0.0318
	6	0.9077 0.8526	nan nan	0.1000 0.1000	0.0318 0.0265
##	6 7	0.9077 0.8526 0.8005	nan nan nan	0.1000 0.1000 0.1000	0.0318 0.0265 0.0244
##	6 7 8	0.9077 0.8526 0.8005 0.7574	nan nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0318 0.0265 0.0244 0.0202
## ## ##	6 7 8 9	0.9077 0.8526 0.8005 0.7574 0.7229	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165
## ## ## ##	6 7 8 9 10	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179
## ## ## ##	6 7 8 9 10 20	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035
## ## ## ## ##	6 7 8 9 10 20 40 60	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0009
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0009 -0.0007
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0009 -0.0007
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0009 -0.0007 -0.0004 -0.0001
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0009 -0.0007 -0.0004 -0.0001 -0.0003
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0004 -0.0001 -0.0003 -0.0005
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0004 -0.0001 -0.0003 -0.0005 -0.0008
## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0004 -0.0001 -0.0003 -0.0005 -0.0008
######################################	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0004 -0.0001 -0.0003 -0.0005 -0.0008 -0.0005 -0.0007
## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0004 -0.0001 -0.0003 -0.0005 -0.0008
######################################	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0004 -0.0001 -0.0003 -0.0005 -0.0008 -0.0005 -0.0007
## ## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240 260	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0001 -0.0003 -0.0005 -0.0005 -0.0005 -0.0007
## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549	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	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0001 -0.0008 -0.0005 -0.0005 -0.0007 -0.0007
## ### ### ### ### ### ### ### ### ###	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0005 -0.0005 -0.0007 -0.0007 -0.0001 -0.0009
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0005 -0.0007 -0.0007 -0.0007 -0.0007
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0005 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0009
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1 2	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398 1.1337	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398 1.1337 1.0464	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0009
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398 1.1337 1.0464 0.9668	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4 5	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398 1.1337 1.0464 0.9668 0.9026	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0009 -0.0001 -0.0005 -0.0005 -0.0007 -0.0009 Improve 0.0627 0.0525 0.0417 0.0375 0.0304
######################################	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	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398 1.1337 1.0464 0.9668 0.9026 0.8480	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0007 -0.0007 -0.0007 -0.0001 -0.0007 -0.0001 -0.0009 Improve 0.0627 0.0525 0.0417 0.0375 0.0304 0.0270
######################################	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	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398 1.1337 1.0464 0.9668 0.9026 0.8480 0.8041	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0001 -0.0009
######################################	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	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398 1.1337 1.0464 0.9668 0.9026 0.8480 0.8041 0.7599	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0007 -0.0009 -0.0007 -0.0004 -0.0001 -0.0005 -0.0007 -0.0007 -0.0009 Improve 0.0627 0.0525 0.0417 0.0375 0.0304 0.0270 0.0214 0.0206
######################################	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	0.9077 0.8526 0.8005 0.7574 0.7229 0.6856 0.4916 0.3966 0.3669 0.3525 0.3381 0.3255 0.3140 0.3050 0.2935 0.2844 0.2770 0.2692 0.2626 0.2549 0.2489 TrainDeviance 1.2398 1.1337 1.0464 0.9668 0.9026 0.8480 0.8041	nan	0.1000 0.1000	0.0318 0.0265 0.0244 0.0202 0.0165 0.0179 0.0035 0.0003 -0.0007 -0.0004 -0.0001 -0.0005 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0007 -0.0001 -0.0009

##	10	0.6890	nan	0.1000	0.0146
##	20	0.4983	nan	0.1000	0.0044
##	40	0.3996	nan	0.1000	0.0003
##	60	0.3705	nan	0.1000	0.0001
##	80	0.3499	nan	0.1000	0.0002
##	100	0.3381	nan	0.1000	-0.0005
##	120	0.3257	nan	0.1000	-0.0008
##	140	0.3173	nan	0.1000	-0.0006
##	160	0.3057	nan	0.1000	-0.0003
##	180	0.2981	nan	0.1000	-0.0007
##	200	0.2909	nan	0.1000	-0.0003
##	220	0.2823	nan	0.1000	-0.0009
##	240	0.2737	nan	0.1000	-0.0004
##	260	0.2652	nan	0.1000	-0.0002
##	280	0.2591	nan	0.1000	-0.0009
##	300	0.2537	nan	0.1000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	•
##	1	1.2393	nan	0.1000	0.0622
##	2	1.1375	nan	0.1000	0.0495
##	3	1.0508	nan	0.1000	0.0423
##	4	0.9757	nan	0.1000	0.0356
##	5	0.9129	nan	0.1000	0.0315
##	6	0.8583	nan	0.1000	0.0251
##	7	0.8066	nan	0.1000	0.0254
##	8	0.7609	nan	0.1000	0.0218
##	9	0.7214	nan	0.1000	0.0177
##	10	0.6899	nan	0.1000	0.0147
##	20	0.4979			0.0058
			nan	0.1000	
##	40	0.4026	nan	0.1000	0.0006
##	60	0.3744	nan	0.1000	-0.0006
##	80	0.3564	nan	0.1000	-0.0002
##	100	0.3445	nan	0.1000	-0.0007
##	120				
		0.3351	nan	0.1000	-0.0004
##	140	0.3249	nan	0.1000	-0.0007
##	160	0.3144	nan	0.1000	-0.0008
##	180	0.3046	nan	0.1000	-0.0005
##	200	0.2964	nan	0.1000	-0.0000
##	220	0.2901		0.1000	-0.0002
			nan		
##	240	0.2826	nan	0.1000	-0.0005
##	260	0.2752	nan	0.1000	-0.0004
##	280	0.2679	nan	0.1000	-0.0009
##	300	0.2619	nan	0.1000	-0.0009
##		**			
##	Ttor	TrainDeviance	ValidDoviance	C+onCizo	Tmnrovo
	Iter	I I a TIIDE A TAILCE	ValidDeviance	StepSize	Improve
		4 0005			0 0055
##	1	1.2325	nan	0.1000	0.0653
##	2	1.2325 1.1249	nan nan	0.1000 0.1000	0.0653 0.0524
##	2	1.1249	nan	0.1000	0.0524
## ## ##	2 3 4	1.1249 1.0321 0.9558	nan nan nan	0.1000 0.1000 0.1000	0.0524 0.0453 0.0378
## ## ## ##	2 3 4 5	1.1249 1.0321 0.9558 0.8882	nan nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316
## ## ## ##	2 3 4 5 6	1.1249 1.0321 0.9558 0.8882 0.8311	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272
## ## ## ## ##	2 3 4 5 6 7	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238
## ## ## ## ##	2 3 4 5 6 7 8	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272
## ## ## ## ##	2 3 4 5 6 7 8 9	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238
## ## ## ## ##	2 3 4 5 6 7 8	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197
## ## ## ## ## ##	2 3 4 5 6 7 8 9	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489	nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006
## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0150 0.0037 -0.0004 -0.0006 -0.0003
## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0008 -0.0008 -0.0004 -0.0002
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006 -0.0003 -0.0008 -0.0004 -0.0002 -0.0002
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0150 0.0055 0.0004 -0.0006 -0.0003 -0.0008 -0.0004 -0.0002 -0.0002
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0150 0.0937 -0.0004 -0.0003 -0.0008 -0.0004 -0.0002 -0.0002 -0.0002
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0150 0.0055 0.0004 -0.0006 -0.0003 -0.0008 -0.0004 -0.0002 -0.0002
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0150 0.0055 0.0004 -0.0006 -0.0003 -0.0008 -0.0004 -0.0002 -0.0002 -0.0002 -0.0002
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0150 0.0057 -0.0004 -0.0006 -0.0003 -0.0008 -0.0004 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0003 -0.0008 -0.0002 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0003 -0.0008 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001 -0.0003 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084	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	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0003 -0.0008 -0.0002 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0003 -0.0008 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001 -0.0003 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0003 -0.0008 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001 -0.0003 -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	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006 -0.0002 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001 -0.0003 -0.0004 -0.0005
######################################	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	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923 TrainDeviance 1.2318	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006 -0.0002 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001 -0.0005 Improve 0.0660
######################################	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	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923 TrainDeviance 1.2318 1.1247	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006 -0.0002 -0.0002 -0.0002 -0.0002 -0.0001 -0.0003 -0.0004 -0.0005 Improve 0.0660 0.0532
######################################	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 2 3	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923 TrainDeviance 1.2318 1.1247 1.0362	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006 -0.0003 -0.0008 -0.0002 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001 -0.0003 -0.0004 -0.0005 Improve 0.0660 0.0532 0.0424
######################################	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	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923 TrainDeviance 1.2318 1.1247 1.0362 0.9588	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0003 -0.0002 -0.0002 -0.0002 -0.0001 -0.0003 -0.0004 -0.0005 Improve 0.0660 0.0532 0.0424 0.0377
######################################	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	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923 TrainDeviance 1.2318 1.1247 1.0362	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006 -0.0003 -0.0008 -0.0002 -0.0002 -0.0002 -0.0002 -0.0001 -0.0001 -0.0003 -0.0004 -0.0005 Improve 0.0660 0.0532 0.0424
######################################	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	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923 TrainDeviance 1.2318 1.1247 1.0362 0.9588	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0003 -0.0002 -0.0002 -0.0002 -0.0001 -0.0003 -0.0004 -0.0005 Improve 0.0660 0.0532 0.0424 0.0377
######################################	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	1.1249 1.0321 0.9558 0.8882 0.8311 0.7819 0.7393 0.7022 0.6700 0.4808 0.3813 0.3489 0.3262 0.3074 0.2945 0.2793 0.2631 0.2491 0.2375 0.2279 0.2183 0.2084 0.2015 0.1923 TrainDeviance 1.2318 1.1247 1.0362 0.9588 0.8933	nan	0.1000 0.1000	0.0524 0.0453 0.0378 0.0378 0.0316 0.0272 0.0238 0.0197 0.0170 0.0150 0.0037 -0.0004 -0.0006 -0.0003 -0.0002 -0.0002 -0.0002 -0.0001 -0.0003 -0.0004 -0.0005 Improve 0.0660 0.0532 0.0424 0.0377 0.0321

##	8	0.7430	nan	0.1000	0.0198
##	9	0.7038	nan	0.1000	0.0193
##	10	0.6708	nan	0.1000	0.0150
##	20	0.4823	nan	0.1000	0.0046
##	40	0.3872			-0.0007
			nan	0.1000	
##	60	0.3518	nan	0.1000	-0.0005
##	80	0.3290	nan	0.1000	-0.0007
##	100	0.3114	nan	0.1000	-0.0006
##	120	0.2953	nan	0.1000	-0.0010
##	140	0.2824	nan	0.1000	-0.0007
##	160	0.2705	nan	0.1000	-0.0002
##	180	0.2578	nan	0.1000	-0.0002
##	200	0.2472	nan	0.1000	-0.0004
##	220	0.2360		0.1000	-0.0004
			nan		
##	240	0.2277	nan	0.1000	-0.0007
##	260	0.2193	nan	0.1000	-0.0006
##	280	0.2112	nan	0.1000	-0.0003
##	300	0.2043	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2341	nan	0.1000	0.0640
##	2	1.1244	nan	0.1000	0.0524
##	3	1.0338	nan	0.1000	0.0444
##	4	0.9574	nan	0.1000	0.0385
	5				
##		0.8935	nan	0.1000	0.0318
##	6	0.8346	nan	0.1000	0.0283
##	7	0.7835	nan	0.1000	0.0243
##	8	0.7396	nan	0.1000	0.0210
##	9	0.7030	nan	0.1000	0.0173
##	10	0.6701	nan	0.1000	0.0161
##	20	0.4787	nan	0.1000	0.0054
##	40	0.3863	nan	0.1000	0.0012
##	60	0.3556	nan	0.1000	-0.0006
##	80	0.3351	nan	0.1000	-0.0007
##	100	0.3165	nan	0.1000	-0.0006
##	120	0.3014	nan	0.1000	-0.0001
##	140	0.2868	nan	0.1000	-0.0006
##	160	0.2749	nan	0.1000	-0.0008
##	180	0.2643	nan	0.1000	-0.0004
##	200	0.2533	nan	0.1000	-0.0008
##	220	0.2447	nan	0.1000	-0.0007
##	240	0.2358	nan	0.1000	-0.0004
##	260	0.2275	nan	0.1000	-0.0005
##	280	0.2195	nan	0.1000	-0.0006
##	300	0.2123		0.1000	-0.0004
	300	0.2123	nan	0.1000	-0.0004
##	T1	T	V-1140 - 1	C1 C1	.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2338	nan	0.1000	0.0642
##	2	1.1293	nan	0.1000	0.0518
##	3	1.0359	nan	0.1000	0.0450
##	4	0.9589	nan	0.1000	0.0371
##	5	0.8933	nan	0.1000	0.0321
##	6	0.8374	nan	0.1000	0.0263
##	7	0.7889	nan	0.1000	0.0231
##	8	0.7453	nan	0.1000	0.0215
##	9	0.7074	nan	0.1000	0.0182
##	10	0.6744	nan	0.1000	0.0161
	20				
##		0.4889	nan	0.1000	0.0031
##	40	0.3902	nan	0.1000	0.0000
##	60	0.3597	nan	0.1000	-0.0002
##	80	0.3387	nan	0.1000	-0.0012
##	100	0.3213	nan	0.1000	-0.0009
##	120	0.3068	nan	0.1000	-0.0004
##	140	0.2971	nan	0.1000	-0.0005
##	160	0.2839	nan	0.1000	-0.0006
##	180	0.2715	nan	0.1000	-0.0007
##	200	0.2624	nan	0.1000	-0.0007
##					
	220	0.2550	nan	0.1000	-0.0004
##	240	0.2468	nan	0.1000	-0.0004
##	260	0.2380	nan	0.1000	-0.0007
##	280	0.2294	nan	0.1000	-0.0006
##	300	0.2221	nan	0.1000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0789	nan	0.3000	0.1449
##	2	0.9159	nan	0.3000	0.0800
##	3	0.8200	nan	0.3000	0.0461
##	4	0.7401	nan	0.3000	0.0384
##	5	0.6919		0.3000	0.0384
1111	3	0.0319	nan	0.5000	0.021/

##	6	0.6388	nan	0.3000	0.0238
##	7	0.6027	nan	0.3000	0.0170
##	8	0.5676	nan	0.3000	0.0151
##	9	0.5448	nan	0.3000	0.0102
##		0.5253	nan	0.3000	0.0082
##		0.4325	nan	0.3000	0.0031
##		0.3900	nan	0.3000	-0.0007
##		0.3760	nan	0.3000	-0.0017
##		0.3697	nan	0.3000	-0.0004
##	100	0.3639	nan	0.3000	-0.0007
##	120	0.3553	nan	0.3000	-0.0003
##	140	0.3519	nan	0.3000	-0.0020
##	160	0.3452	nan	0.3000	0.0002
##		0.3419	nan	0.3000	-0.0004
##		0.3372	nan	0.3000	-0.0001
##		0.3342		0.3000	-0.0015
			nan		
##		0.3293	nan	0.3000	-0.0009
##		0.3262	nan	0.3000	-0.0012
##	280	0.3213	nan	0.3000	-0.0018
##	300	0.3177	nan	0.3000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0824	nan	0.3000	0.1450
##		0.9137	nan	0.3000	0.0807
##		0.8164	nan	0.3000	0.0455
##					
		0.7335	nan	0.3000	0.0394
##		0.6840	nan	0.3000	0.0220
##		0.6424	nan	0.3000	0.0169
##		0.6009	nan	0.3000	0.0158
##	8	0.5707	nan	0.3000	0.0154
##	9	0.5457	nan	0.3000	0.0121
##	10	0.5237	nan	0.3000	0.0109
##	20	0.4315	nan	0.3000	0.0034
##		0.3967	nan	0.3000	-0.0004
##		0.3825		0.3000	-0.0004
##			nan		-0.0000
		0.3723	nan	0.3000	
##		0.3648	nan	0.3000	-0.0007
##		0.3574	nan	0.3000	-0.0007
##	140	0.3533	nan	0.3000	-0.0006
##	160	0.3491	nan	0.3000	-0.0014
##	180	0.3435	nan	0.3000	-0.0010
##	200	0.3387	nan	0.3000	-0.0004
##	220	0.3359	nan	0.3000	-0.0006
##		0.3319	nan	0.3000	-0.0020
##		0.3289	nan	0.3000	-0.0018
##		0.3235		0.3000	-0.0005
			nan		
##		0.3211	nan	0.3000	-0.0003
##					_
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##		1.0734	nan	0.3000	0.1464
##	2	0.9168	nan	0.3000	0.0708
##	3	0.8056	nan	0.3000	0.0507
##	4	0.7262	nan	0.3000	0.0412
##	5	0.6740	nan	0.3000	0.0236
##		0.6302	nan	0.3000	0.0211
##		0.5940	nan	0.3000	0.0163
##		0.5611	nan	0.3000	0.0139
##		0.5424		0.3000	0.0083
			nan		
##		0.5212	nan	0.3000	0.0114
##		0.4354	nan	0.3000	-0.0017
##		0.3921	nan	0.3000	-0.0003
##		0.3777	nan	0.3000	-0.0020
##	80	0.3674	nan	0.3000	-0.0002
##	100	0.3623	nan	0.3000	-0.0025
##	120	0.3567	nan	0.3000	0.0001
##		0.3528	nan	0.3000	-0.0009
##		0.3489	nan	0.3000	-0.0011
##		0.3444	nan	0.3000	-0.0012
##		0.3414		0.3000	-0.0012
			nan		
##		0.3369	nan	0.3000	-0.0012
##		0.3335	nan	0.3000	-0.0010
##		0.3301	nan	0.3000	-0.0010
##	280	0.3270	nan	0.3000	-0.0004
##	300	0.3245	nan	0.3000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##		1.0717	nan	0.3000	0.1417
##		0.9087	nan	0.3000	0.0811
##		0.8134		0.3000	0.0437
##	3	0.0134	nan	0.3000	0.043/

##	4	0.7363	nan	0.3000	0.0412
##	5	0.6849	nan	0.3000	0.0250
##	6	0.6416	nan	0.3000	0.0219
##	7	0.6038	nan	0.3000	0.0192
##	8	0.5729	nan	0.3000	0.0128
##	9	0.5486		0.3000	0.0089
			nan		
##	10	0.5303	nan	0.3000	0.0087
##	20	0.4359	nan	0.3000	0.0011
##	40	0.3907	nan	0.3000	0.0006
##	60	0.3801	nan	0.3000	-0.0005
##	80	0.3692	nan	0.3000	-0.0010
##	100	0.3624	nan	0.3000	-0.0004
##	120	0.3567		0.3000	-0.0006
			nan		
##	140	0.3527	nan	0.3000	-0.0007
##	160	0.3482	nan	0.3000	-0.0009
##	180	0.3454	nan	0.3000	-0.0006
##	200	0.3412	nan	0.3000	0.0001
##	220	0.3368	nan	0.3000	-0.0009
##	240	0.3337	nan	0.3000	-0.0014
##	260	0.3305	nan	0.3000	-0.0008
##	280	0.3274	nan	0.3000	-0.0023
##	300	0.3256	nan	0.3000	-0.0004
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0429	nan	0.3000	0.1634
##	2	0.8727	nan	0.3000	0.0847
##	3	0.7429	nan	0.3000	0.0623
##	4	0.6651	nan	0.3000	0.0379
	5			0.3000	
##		0.6010	nan		0.0307
##	6	0.5483	nan	0.3000	0.0231
##	7	0.5102	nan	0.3000	0.0170
##	8	0.4834	nan	0.3000	0.0120
##	9	0.4676	nan	0.3000	0.0072
##	10	0.4503	nan	0.3000	0.0064
##	20	0.3945	nan	0.3000	0.0003
##	40	0.3585	nan	0.3000	-0.0006
##	60	0.3363	nan	0.3000	-0.0016
##	80	0.3154	nan	0.3000	-0.0005
##	100	0.2958	nan	0.3000	-0.0004
##	120	0.2809	nan	0.3000	-0.0027
##	140	0.2680	nan	0.3000	-0.0008
##	160	0.2544	nan	0.3000	-0.0007
##	180	0.2438	nan	0.3000	-0.0010
##	200	0.2352	nan	0.3000	-0.0015
##	220	0.2223		0.3000	-0.0013
			nan		
##	240	0.2093	nan	0.3000	-0.0013
##	260	0.2015	nan	0.3000	-0.0000
##	280	0.1910	nan	0.3000	-0.0000
##	300	0.1831	nan	0.3000	-0.0008
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0450	nan	0.3000	0.1588
##	2	0.8561	nan	0.3000	0.0876
##	3	0.7356			
			nan	0.3000	0.0590
##	4	0.6588	nan	0.3000	0.0352
##	5	0.5826	nan	0.3000	0.0362
##	6	0.5409	nan	0.3000	0.0186
##	7	0.5015	nan	0.3000	0.0177
##	8	0.4812	nan	0.3000	0.0079
##	9	0.4602	nan	0.3000	0.0090
##	10	0.4449	nan	0.3000	0.0051
##	20	0.3960	nan	0.3000	-0.0029
	40				
##		0.3582	nan	0.3000	0.0006
##	60	0.3362	nan	0.3000	-0.0023
##	80	0.3215	nan	0.3000	-0.0029
##	100	0.3075	nan	0.3000	-0.0008
##	120	0.2922	nan	0.3000	-0.0003
##	140	0.2789	nan	0.3000	-0.0021
##	160	0.2680	nan	0.3000	-0.0012
##	180	0.2586		0.3000	-0.0012
			nan		
##	200	0.2439	nan	0.3000	-0.0011
##	220	0.2358	nan	0.3000	-0.0022
##	240	0.2266	nan	0.3000	-0.0004
##	260	0.2172	nan	0.3000	-0.0003
##	280	0.2084	nan	0.3000	-0.0008
			nan	0.3000	-0.0015
##	300	(1) . / (1) / (4)			
##	300	0.2029	nan	0.5000	0.0015
##					
## ##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##					

##	2	0.8593	nan	0.3000	0.0885
##	3	0.7464	nan	0.3000	0.0558
##	4	0.6652	nan	0.3000	0.0371
##	5	0.5965		0.3000	0.0284
			nan		
##	6	0.5422	nan	0.3000	0.0240
##	7	0.5082	nan	0.3000	0.0148
##	8	0.4750	nan	0.3000	0.0163
##	9	0.4539	nan	0.3000	0.0078
##	10	0.4410		0.3000	0.0031
			nan		
##	20	0.3946	nan	0.3000	-0.0002
##	40	0.3592	nan	0.3000	-0.0008
##	60	0.3409	nan	0.3000	-0.0019
##	80	0.3278	nan	0.3000	-0.0003
##	100	0.3105	nan	0.3000	-0.0005
##	120	0.2972	nan	0.3000	-0.0006
##	140	0.2865	nan	0.3000	-0.0013
##	160	0.2775	nan	0.3000	-0.0019
##	180	0.2696	nan	0.3000	-0.0016
##	200	0.2586	nan	0.3000	-0.0013
##	220	0.2482	nan	0.3000	-0.0005
##	240	0.2401	nan	0.3000	-0.0012
##	260	0.2313	nan	0.3000	-0.0009
##	280	0.2225	nan	0.3000	-0.0018
##	300	0.2153	nan	0.3000	-0.0028
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
				•	•
##	1	1.0506	nan	0.3000	0.1545
##	2	0.8540	nan	0.3000	0.0950
##	3	0.7399	nan	0.3000	0.0527
##	4	0.6511	nan	0.3000	0.0422
##	5	0.5796	nan	0.3000	0.0336
##	6	0.5345		0.3000	0.0195
			nan		
##	7	0.5079	nan	0.3000	0.0126
##	8	0.4812	nan	0.3000	0.0122
##	9	0.4632	nan	0.3000	0.0065
##	10	0.4530	nan	0.3000	0.0040
##	20	0.3940	nan	0.3000	0.0001
##	40	0.3612	nan	0.3000	-0.0008
##	60	0.3438	nan	0.3000	-0.0017
##	80	0.3271	nan	0.3000	-0.0013
##	100	0.3144	nan	0.3000	-0.0021
##	120	0.3033	nan	0.3000	-0.0010
##	140	0.2898	nan	0.3000	-0.0007
##	160	0.2776	nan	0.3000	-0.0004
##	180	0.2665	nan	0.3000	-0.0013
##	200	0.2571	nan	0.3000	-0.0006
##	220	0.2485	nan	0.3000	-0.0014
##	240	0.2412	nan	0.3000	-0.0009
##	260	0.2313	nan	0.3000	-0.0015
##	280	0.2231	nan	0.3000	-0.0015
##	300	0.2164	nan	0.3000	-0.0007
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0257	nan	0.3000	0.1668
##	2	0.8327	nan	0.3000	0.0950
##	3	0.7021	nan	0.3000	0.0601
##	4	0.6261	nan	0.3000	0.0375
##	5	0.5708	nan	0.3000	0.0269
##	6	0.5234	nan	0.3000	0.0213
##	7	0.4854	nan	0.3000	0.0168
##	8	0.4617	nan	0.3000	0.0102
##	9	0.4448	nan	0.3000	0.0069
##	10	0.4319	nan	0.3000	0.0050
##	20	0.3752	nan	0.3000	-0.0014
##	40	0.3312	nan	0.3000	-0.0007
##	60	0.2985	nan	0.3000	-0.0031
##	80	0.2662	nan	0.3000	-0.0013
##	100	0.2435	nan	0.3000	-0.0017
##	120	0.2251	nan	0.3000	-0.0014
##	140	0.2054	nan	0.3000	-0.0006
##	160	0.1913		0.3000	-0.0002
			nan		
##	180	0.1774	nan	0.3000	-0.0011
##	200	0.1601	nan	0.3000	-0.0010
##	220	0.1507	nan	0.3000	-0.0008
##	240	0.1401	nan	0.3000	-0.0010
##	260	0.1300	nan	0.3000	-0.0004
##	280	0.1222	nan	0.3000	-0.0007
##	300	0.1149	nan	0.3000	-0.0007
	200	0.1149	IIall	0.5000	0.0001
##					

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##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0267	nan	0.3000	0.1711
##	2	0.8315	nan	0.3000	0.0969
##	3	0.7127	nan	0.3000	0.0539
##	4	0.6162	nan	0.3000	0.0459
##	5	0.5641	nan	0.3000	0.0238
##	6	0.5209	nan	0.3000	0.0149
##	7	0.4884	nan	0.3000	0.0145
##	8	0.4652	nan	0.3000	0.0074
##	9	0.4455	nan	0.3000	0.0075
##	10	0.4324	nan	0.3000	0.0054
##	20	0.3826	nan	0.3000	-0.0013
##	40	0.3366	nan	0.3000	-0.0013
##	60	0.3055	nan	0.3000	-0.0028
##	80	0.2821	nan	0.3000	0.0003
##	100	0.2627	nan	0.3000	-0.0015
##	120	0.2466	nan	0.3000	-0.0012
##	140	0.2276	nan	0.3000	-0.0005
##	160	0.2095	nan	0.3000	-0.0014
##	180	0.1977	nan	0.3000	-0.0010
##	200	0.1879	nan	0.3000	-0.0010
##	220	0.1738	nan	0.3000	-0.0014
##	240	0.1642	nan	0.3000	-0.0011
##	260	0.1539	nan	0.3000	-0.0005
##	280	0.1438	nan	0.3000	-0.0009
##	300	0.1335	nan	0.3000	-0.0002
##	300	0.1333	IIaii	0.3000	-0.0002
	T+	T	V-1: dD	C+C:	T
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0198	nan	0.3000	0.1666
##	2	0.8354	nan	0.3000	0.0900
##	3	0.7136	nan	0.3000	0.0567
##	4	0.6334	nan	0.3000	0.0363
##	5	0.5641	nan	0.3000	0.0335
##	6	0.5205	nan	0.3000	0.0177
##	7	0.4894	nan	0.3000	0.0146
##	8	0.4685	nan	0.3000	0.0071
##	9	0.4478	nan	0.3000	0.0083
##	10	0.4308		0.3000	0.0057
##	20	0.3801	nan	0.3000	-0.0011
			nan		
##	40	0.3372	nan	0.3000	-0.0008
##	60	0.3079	nan	0.3000	-0.0034
##	80	0.2862	nan	0.3000	-0.0004
##	100	0.2711	nan	0.3000	-0.0013
##	120	0.2519	nan	0.3000	-0.0011
##	140	0.2371	nan	0.3000	-0.0025
##	160	0.2204	nan	0.3000	-0.0019
##	180	0.2071	nan	0.3000	-0.0015
##	200	0.1960	nan	0.3000	-0.0015
##	220	0.1828	nan	0.3000	-0.0013
##	240	0.1718	nan	0.3000	-0.0008
##	260	0.1636	nan	0.3000	-0.0013
##	280	0.1556	nan	0.3000	-0.0034
##	300	0.1460	nan	0.3000	-0.0012
##	300	012100	nan	0.5000	0.0012
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0308	nan	0.3000	0.1643
##	2	0.8395		0.3000	0.1043
##	3		nan		
		0.7147	nan	0.3000	0.0614
##	4	0.6341	nan	0.3000	0.0383
##	5	0.5662	nan	0.3000	0.0318
##	6	0.5152	nan	0.3000	0.0231
##	7	0.4824	nan	0.3000	0.0134
##	8	0.4594	nan	0.3000	0.0082
##	9	0.4458	nan	0.3000	0.0034
##	10	0.4335	nan	0.3000	0.0039
##	20	0.3767	nan	0.3000	-0.0008
##	40	0.3392	nan	0.3000	-0.0019
##	60	0.3127	nan	0.3000	-0.0026
##	80	0.2846	nan	0.3000	-0.0015
##	100	0.2654	nan	0.3000	-0.0006
##	120	0.2507	nan	0.3000	-0.0034
##	140				
		0.2339	nan	0.3000	-0.0018
##	160	0.2212	nan	0.3000	-0.0011
##	180	0.2094	nan	0.3000	-0.0011
##	200	0.1969	nan	0.3000	-0.0018
##	220	0.1851	nan	0.3000	-0.0014
##	240	0.1767	nan	0.3000	-0.0016
##	260	0.1626	nan	0.3000	-0.0007
##	280	0.1531	nan	0.3000	-0.0004

	200	0 1455			0 0016
##	300	0.1455	nan	0.3000	-0.0016
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0142	nan	0.3000	0.1723
##	2	0.8146	nan	0.3000	0.1723
##	3	0.6853	nan	0.3000	0.0607
##	4	0.6024	nan	0.3000	0.0386
##	5	0.5384	nan	0.3000	0.0310
##	6	0.4955	nan	0.3000	0.0310
##	7	0.4668	nan	0.3000	0.0116
##	8	0.4455	nan	0.3000	0.0065
##	9	0.4322	nan	0.3000	0.0043
##	10	0.4143	nan	0.3000	0.0067
##	20	0.3554	nan	0.3000	-0.0018
##	40	0.3023	nan	0.3000	-0.0011
##	60	0.2692	nan	0.3000	-0.0027
##	80	0.2325	nan	0.3000	0.0003
##	100	0.1972	nan	0.3000	-0.0011
##	120	0.1754	nan	0.3000	-0.0006
##	140	0.1612	nan	0.3000	-0.0007
##	160	0.1427	nan	0.3000	-0.0006
##	180	0.1269	nan	0.3000	-0.0002
##	200	0.1147	nan	0.3000	-0.0006
##	220	0.1055	nan	0.3000	-0.0004
##	240	0.0949	nan	0.3000	-0.0004
##	260	0.0893	nan	0.3000	-0.0003
##	280	0.0812	nan	0.3000	-0.0004
##	300	0.0743	nan	0.3000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0184	nan	0.3000	0.1736
##	2	0.8107	nan	0.3000	0.0971
##	3	0.6814	nan	0.3000	0.0616
##	4	0.5981	nan	0.3000	0.0355
##	5	0.5409	nan	0.3000	0.0263
##	6	0.4989	nan	0.3000	0.0180
##	7	0.4736	nan	0.3000	0.0099
##	8	0.4494	nan	0.3000	0.0084
##	9	0.4290	nan	0.3000	0.0094
##	10	0.4190	nan	0.3000	0.0017
##	20	0.3647	nan	0.3000	-0.0024
##	40	0.3093	nan	0.3000	-0.0009
##	60	0.2746	nan	0.3000	-0.0026
##	80	0.2554	nan	0.3000	-0.0018
##	100	0.2226	nan	0.3000	-0.0019
##	120	0.1986	nan	0.3000	-0.0024
##	140	0.1751	nan	0.3000	-0.0015
##	160	0.1588	nan	0.3000	-0.0011
##	180	0.1463	nan	0.3000	-0.0009
##	200	0.1331	nan	0.3000	0.0001
##	220	0.1189	nan	0.3000	-0.0010
##	240	0.1095	nan	0.3000	-0.0011
##	260	0.0994	nan	0.3000	-0.0008
##	280	0.0906	nan	0.3000	-0.0015
##	300	0.0839	nan	0.3000	-0.0005
##	Iter	TrainDoviance	ValidDoviance	C+onCizo	Improve
##	1	TrainDeviance 1.0069	ValidDeviance nan	StepSize 0.3000	0.1725
##	2	0.8087	nan	0.3000	0.0966
##	3	0.6847	nan	0.3000	0.0578
##	4	0.5996	nan	0.3000	0.0378
##	5	0.5338	nan	0.3000	0.0392
##	6	0.5008	nan	0.3000	0.0303
##	7	0.4730	nan	0.3000	0.0130
##	8	0.4473	nan	0.3000	0.0112
##	9	0.4283	nan	0.3000	0.0068
##	10	0.4191	nan	0.3000	0.0004
##	20	0.3631	nan	0.3000	-0.0012
##	40	0.3132	nan	0.3000	-0.0016
##	60	0.2823	nan	0.3000	-0.0021
##	80	0.2565	nan	0.3000	-0.0012
##	100	0.2338	nan	0.3000	-0.0006
##	120	0.2105	nan	0.3000	-0.0005
##	140	0.1963	nan	0.3000	-0.0040
##	160	0.1785	nan	0.3000	-0.0012
##	180	0.1623	nan	0.3000	-0.0006
##	200	0.1524	nan	0.3000	-0.0011
##	220	0.1402	nan	0.3000	-0.0018
##	240	0.1275	nan	0.3000	-0.0006
I					

##	260	0.1173	nan	0.3000	-0.0006
##	280	0.1073	nan	0.3000	-0.0005
##	300	0.0997	nan	0.3000	-0.0010
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0167	nan	0.3000	0.1726
##	2	0.8086	nan	0.3000	0.0942
##	3	0.6805	nan	0.3000	0.0614
##	4	0.5949	nan	0.3000	0.0419
##	5	0.5368	nan	0.3000	0.0264
##	6	0.4897		0.3000	0.0192
	7		nan		
##		0.4660	nan	0.3000	0.0087
##	8	0.4451	nan	0.3000	0.0083
##	9	0.4260	nan	0.3000	0.0062
##	10	0.4124	nan	0.3000	0.0021
##	20	0.3639	nan	0.3000	-0.0030
##	40	0.3254	nan	0.3000	-0.0014
##	60	0.2904	nan	0.3000	-0.0016
##	80	0.2668	nan	0.3000	-0.0012
##	100	0.2362	nan	0.3000	-0.0032
##	120	0.2148	nan	0.3000	-0.0016
##	140	0.2005	nan	0.3000	-0.0012
	160	0.1844			
##			nan	0.3000	-0.0008
##	180	0.1685	nan	0.3000	-0.0009
##	200	0.1526	nan	0.3000	-0.0008
##	220	0.1404	nan	0.3000	-0.0001
##	240	0.1317	nan	0.3000	-0.0008
##	260	0.1217	nan	0.3000	-0.0018
##	280	0.1135	nan	0.3000	-0.0007
##	300	0.1071	nan	0.3000	-0.0014
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3536	nan	0.0100	0.0059
##	2	1.3423		0.0100	0.0057
	3		nan		
##		1.3308	nan	0.0100	0.0057
##	4	1.3193	nan	0.0100	0.0056
##	5	1.3087	nan	0.0100	0.0055
##	6	1.2977	nan	0.0100	0.0054
##	7	1.2871	nan	0.0100	0.0053
##	8	1.2767	nan	0.0100	0.0052
##	9	1.2663	nan	0.0100	0.0051
##	10	1.2566	nan	0.0100	0.0049
##	20	1.1657	nan	0.0100	0.0041
##	40	1.0265	nan	0.0100	0.0029
##	60	0.9271	nan	0.0100	0.0023
##	80	0.8520		0.0100	0.0016
			nan		
##	100	0.7921	nan	0.0100	0.0013
##	120	0.7426	nan	0.0100	0.0010
##	140	0.7013	nan	0.0100	0.0009
##	160	0.6657	nan	0.0100	0.0008
##	180	0.6350	nan	0.0100	0.0007
##	200	0.6087	nan	0.0100	0.0006
##	220	0.5863	nan	0.0100	0.0004
##	240	0.5660	nan	0.0100	0.0004
##	260	0.5482	nan	0.0100	0.0004
##	280	0.5323	nan	0.0100	0.0004
##	300	0.5186	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3538	nan	0.0100	0.0057
	2				
##		1.3422	nan	0.0100	0.0058
##	3	1.3309	nan	0.0100	0.0056
##	4	1.3198	nan	0.0100	0.0055
##	5	1.3085	nan	0.0100	0.0055
##	6	1.2974	nan	0.0100	0.0054
##	7	1.2867	nan	0.0100	0.0051
##	8	1.2766	nan	0.0100	0.0049
##	9	1.2668	nan	0.0100	0.0050
##	10	1.2567	nan	0.0100	0.0050
##	20	1.1658	nan	0.0100	0.0041
##	40	1.0272	nan	0.0100	0.0029
##	60	0.9265		0.0100	0.0023
			nan		
##	80	0.8519	nan	0.0100	0.0015
##	100	0.7917	nan	0.0100	0.0013
##	120	0.7420	nan	0.0100	0.0011
##	140	0.7002	nan	0.0100	0.0009
##	160	0.6652	nan	0.0100	0.0008
##	180	0.6344	nan	0.0100	0.0007
##	200	0.6081	nan	0.0100	0.0006
1					

##	220	0.5851	nan	0.0100	0.0005
##	240	0.5653	nan	0.0100	0.0005
##	260	0.5474	nan	0.0100	0.0004
##	280	0.5315	nan	0.0100	0.0003
##		0.5178	nan	0.0100	0.0003
##		0.5170	nan	0.0100	0.0003
##		TrainDeviance	ValidDeviance	StepSize	Tmprove
				•	Improve
##		1.3529	nan	0.0100	0.0060
##		1.3409	nan	0.0100	0.0057
##		1.3293	nan	0.0100	0.0056
##		1.3185	nan	0.0100	0.0056
##	5	1.3075	nan	0.0100	0.0054
##	6	1.2968	nan	0.0100	0.0052
##	7	1.2865	nan	0.0100	0.0051
##	8	1.2759	nan	0.0100	0.0051
##	9	1.2658	nan	0.0100	0.0050
##		1.2561	nan	0.0100	0.0049
##		1.1661	nan	0.0100	0.0041
##		1.0275		0.0100	
			nan		0.0029
##		0.9279	nan	0.0100	0.0019
##		0.8528	nan	0.0100	0.0015
##		0.7921	nan	0.0100	0.0013
##		0.7427	nan	0.0100	0.0010
##	140	0.7013	nan	0.0100	0.0009
##	160	0.6659	nan	0.0100	0.0008
##	180	0.6356	nan	0.0100	0.0006
##		0.6097	nan	0.0100	0.0006
##		0.5869	nan	0.0100	0.0004
##		0.5668	nan	0.0100	0.0004
##		0.5489	nan	0.0100	0.0003
##					
		0.5328	nan	0.0100	0.0003
##		0.5188	nan	0.0100	0.0003
##					
##		TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3535	nan	0.0100	0.0056
##	2	1.3418	nan	0.0100	0.0057
##	3	1.3302	nan	0.0100	0.0058
##	4	1.3187	nan	0.0100	0.0056
##	5	1.3075	nan	0.0100	0.0053
##		1.2969	nan	0.0100	0.0055
##		1.2865	nan	0.0100	0.0052
##		1.2761	nan	0.0100	0.0051
##		1.2663			
	9		nan	0.0100	0.0049
##		1.2565	nan	0.0100	0.0049
##		1.1667	nan	0.0100	0.0040
##		1.0273	nan	0.0100	0.0029
##		0.9259	nan	0.0100	0.0021
##	80	0.8513	nan	0.0100	0.0016
##	100	0.7915	nan	0.0100	0.0013
##	120	0.7422	nan	0.0100	0.0011
##	140	0.7002	nan	0.0100	0.0009
##	160	0.6649	nan	0.0100	0.0008
##		0.6342	nan	0.0100	0.0007
##		0.6079	nan	0.0100	0.0006
##		0.5856	nan	0.0100	0.0004
##		0.5658	nan	0.0100	0.0004
##					
		0.5473	nan	0.0100	0.0004
##		0.5316	nan	0.0100	0.0003
##		0.5180	nan	0.0100	0.0003
##		Tani Di	V=1 1.45	C+ · · C ·	Tarre
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##		1.3523	nan	0.0100	0.0064
##		1.3396	nan	0.0100	0.0061
##	3	1.3268	nan	0.0100	0.0061
##	4	1.3148	nan	0.0100	0.0059
##		1.3028	nan	0.0100	0.0060
##		1.2912	nan	0.0100	0.0058
##		1.2799	nan	0.0100	0.0058
##		1.2688	nan	0.0100	0.0055
##		1.2576		0.0100	0.0055
##			nan		
		1.2466	nan	0.0100	0.0053
##		1.1474	nan	0.0100	0.0045
##		0.9914	nan	0.0100	0.0032
##		0.8755	nan	0.0100	0.0024
##		0.7884	nan	0.0100	0.0017
##	100	0.7191	nan	0.0100	0.0016
##	120	0.6611	nan	0.0100	0.0011
##	140	0.6136	nan	0.0100	0.0011
##		0.5744	nan	0.0100	0.0009
4					

##	180	0.5416	nan	0.0100	0.0005
##	200	0.5139	nan	0.0100	0.0004
##	220	0.4910	nan	0.0100	0.0005
##	240	0.4733	nan	0.0100	0.0003
##	260	0.4577	nan	0.0100	0.0003
##	280	0.4454	nan	0.0100	0.0003
##	300	0.4346	nan	0.0100	0.0003
##	500	0.4540	nan	0.0100	0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3519		0.0100	0.0062
			nan		
##	2	1.3394	nan	0.0100	0.0062
##	3	1.3268	nan	0.0100	0.0061
##	4	1.3144	nan	0.0100	0.0061
##	5	1.3024	nan	0.0100	0.0059
##	6	1.2907	nan	0.0100	0.0059
##	7	1.2793	nan	0.0100	0.0057
##	8	1.2678	nan	0.0100	0.0056
##	9	1.2570	nan	0.0100	0.0054
##	10	1.2463	nan	0.0100	0.0053
##	20	1.1470	nan	0.0100	0.0046
##	40	0.9914	nan	0.0100	0.0033
##	60	0.8765	nan	0.0100	0.0024
##	80	0.7882	nan	0.0100	0.0020
##	100	0.7179	nan	0.0100	0.0014
##	120	0.6607	nan	0.0100	0.0015
##	140	0.6120		0.0100	0.0009
##	160	0.5723	nan nan	0.0100	0.0009
			nan		
##	180	0.5400	nan	0.0100	0.0007
##	200	0.5146	nan	0.0100	0.0006
##	220	0.4930	nan	0.0100	0.0004
##	240	0.4745	nan	0.0100	0.0004
##	260	0.4585	nan	0.0100	0.0003
##	280	0.4456	nan	0.0100	0.0002
##	300	0.4343	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3524	nan	0.0100	0.0064
##	2	1.3396	nan	0.0100	0.0062
##	3	1.3271	nan	0.0100	0.0061
##	4	1.3152	nan	0.0100	0.0059
##	5	1.3034	nan	0.0100	0.0058
##	6	1.2916	nan	0.0100	0.0059
##	7	1.2801	nan	0.0100	0.0058
##	8	1.2686	nan	0.0100	0.0056
##	9	1.2577	nan	0.0100	0.0055
##	10	1.2471	nan	0.0100	0.0053
##	20	1.1482	nan	0.0100	0.0046
##	40	0.9920	nan	0.0100	0.0033
##	60	0.8766	nan	0.0100	0.0025
##	80	0.7892	nan	0.0100	0.0018
##	100	0.7202	nan	0.0100	0.0015
##	120	0.6613	nan	0.0100	0.0013
##	140	0.6118		0.0100	0.0013
			nan		
##	160	0.5726	nan	0.0100	0.0008
##	180	0.5400	nan	0.0100	0.0007
##	200	0.5138	nan	0.0100	0.0006
##	220	0.4914	nan	0.0100	0.0005
##	240	0.4737	nan	0.0100	0.0003
##	260	0.4582	nan	0.0100	0.0003
##	280	0.4449	nan	0.0100	0.0002
##	300	0.4340	nan	0.0100	0.0002
##	- .			c. c:	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3521	nan	0.0100	0.0064
##	2	1.3393	nan	0.0100	0.0063
##	3	1.3269	nan	0.0100	0.0061
##	4	1.3148	nan	0.0100	0.0060
##	5	1.3027	nan	0.0100	0.0058
##	6	1.2909	nan	0.0100	0.0056
##	7	1.2795	nan	0.0100	0.0057
##	8	1.2681	nan	0.0100	0.0056
##	9	1.2568	nan	0.0100	0.0056
##	10	1.2460	nan	0.0100	0.0054
##	20	1.1461	nan	0.0100	0.0045
##	40	0.9907	nan	0.0100	0.0032
##	60	0.8757	nan	0.0100	0.0024
##	80	0.7868	nan	0.0100	0.0018
##	100	0.7165	nan	0.0100	0.0016
##	120	0.6596	nan	0.0100	0.0012
""		0.5550	IIIII		

##	140	0.6114	nan	0.0100	0.0010
##	160	0.5718	nan	0.0100	0.0009
##	180	0.5395	nan	0.0100	0.0007
##	200	0.5130	nan	0.0100	0.0005
##	220	0.4905	nan	0.0100	0.0005
##	240	0.4714	nan	0.0100	0.0003
##	260	0.4561	nan	0.0100	0.0003
##	280	0.4438	nan	0.0100	0.0002
##	300	0.4329	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3516	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	0.0065
##	5	1.3000	nan	0.0100	0.0063
##	6	1.2877	nan	0.0100	0.0061
##	7	1.2757		0.0100	0.0061
			nan		
##	8	1.2638	nan	0.0100	0.0059
##	9	1.2522	nan	0.0100	0.0057
##	10	1.2407	nan	0.0100	0.0057
##	20	1.1363	nan	0.0100	0.0048
##	40	0.9727	nan	0.0100	0.0035
##	60	0.8495	nan	0.0100	0.0027
##	80	0.7554	nan	0.0100	0.0020
##	100	0.6824	nan	0.0100	0.0014
##	120	0.6239	nan	0.0100	0.0010
##	140	0.5755	nan	0.0100	0.0011
##	160	0.5365	nan	0.0100	0.0008
##	180	0.5061	nan	0.0100	0.0007
##	200	0.4810	nan	0.0100	0.0004
##	220				
		0.4619	nan	0.0100	0.0005
##	240	0.4459	nan	0.0100	0.0003
##	260	0.4324	nan	0.0100	0.0002
##	280	0.4213	nan	0.0100	0.0001
##	300	0.4118	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0069
##	2	1.3384	nan	0.0100	0.0065
##	3	1.3255	nan	0.0100	0.0063
##	4	1.3131	nan	0.0100	0.0064
##	5	1.3005	nan	0.0100	0.0061
##	6	1.2883		0.0100	0.0061
##	7	1.2761	nan	0.0100	0.0060
			nan		
##	8	1.2643	nan	0.0100	0.0059
##	9	1.2527	nan	0.0100	0.0057
##	10	1.2412	nan	0.0100	0.0057
##	20	1.1370	nan	0.0100	0.0048
##	40	0.9722	nan	0.0100	0.0035
##	60	0.8498	nan	0.0100	0.0026
##	80	0.7559	nan	0.0100	0.0018
##	100	0.6811	nan	0.0100	0.0014
##	120	0.6226	nan	0.0100	0.0011
##	140	0.5747	nan	0.0100	0.0010
##	160	0.5371	nan	0.0100	0.0006
##	180	0.5068	nan	0.0100	0.0007
##	200	0.4816	nan	0.0100	0.0003
##	220	0.4612	nan	0.0100	0.0005
##	240	0.4446	nan	0.0100	0.0002
##	260	0.4313	nan	0.0100	0.0002
##	280	0.4202		0.0100	0.0002
##		0.4111	nan		
	300	0.4111	nan	0.0100	0.0001
##	T+	Trainbanders	Validos de la comi	C+~~C-	Tmm
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3516	nan	0.0100	0.0067
##	2	1.3384	nan	0.0100	0.0063
##	3	1.3251	nan	0.0100	0.0065
##	4	1.3123	nan	0.0100	0.0063
##	5	1.2997	nan	0.0100	0.0060
##	6	1.2877	nan	0.0100	0.0059
##	7	1.2753	nan	0.0100	0.0062
##	8	1.2634	nan	0.0100	0.0059
##	9	1.2516	nan	0.0100	0.0057
##	10	1.2399	nan	0.0100	0.0058
##	20	1.1359	nan	0.0100	0.0048
##	40	0.9722	nan	0.0100	0.0034
##	60	0.8483		0.0100	0.0034
##	80	0.7554	nan nan	0.0100	0.0027
ππ	00	0.7554	nan	0.0100	0.0010

##	100	0.6818	nan	0.0100	0.0017
##	120	0.6235	nan	0.0100	0.0012
##	140	0.5763	nan	0.0100	0.0011
##	160	0.5375	nan	0.0100	0.0007
##	180	0.5065	nan	0.0100	0.0007
##	200	0.4808		0.0100	0.0007
			nan		
##	220	0.4609	nan	0.0100	0.0003
##	240	0.4449	nan	0.0100	0.0004
##	260	0.4318	nan	0.0100	0.0002
##	280	0.4214	nan	0.0100	0.0002
##	300	0.4121	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0067
##	2	1.3378	nan	0.0100	0.0067
##	3	1.3247	nan	0.0100	0.0063
##	4	1.3118	nan	0.0100	0.0063
##	5	1.2993		0.0100	0.0060
			nan		
##	6	1.2869	nan	0.0100	0.0061
##	7	1.2745	nan	0.0100	0.0059
##	8	1.2626	nan	0.0100	0.0057
##	9	1.2508	nan	0.0100	0.0057
##	10	1.2393	nan	0.0100	0.0057
##	20	1.1340	nan	0.0100	0.0048
##	40	0.9706	nan	0.0100	0.0034
##	60	0.8499	nan	0.0100	0.0025
##	80	0.7544	nan	0.0100	0.0022
##	100	0.6813	nan	0.0100	0.0015
##	120	0.6229	nan	0.0100	0.0013
##	140	0.5772	nan	0.0100	0.0013
##	160	0.5385	nan	0.0100	0.0008
##	180	0.5072	nan	0.0100	0.0007
##	200	0.4818	nan	0.0100	0.0004
##	220	0.4618	nan	0.0100	0.0003
##	240	0.4451	nan	0.0100	0.0003
##	260	0.4322	nan	0.0100	0.0002
##	280	0.4215	nan	0.0100	0.0002
##	300	0.4127	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3510	nan	0.0100	0.0070
##	2	1.3370	nan	0.0100	0.0068
##	_				0.0066
	3 4	1.3233	nan	0.0100	
##		1.3097	nan	0.0100	0.0065
##	5	1.2964	nan	0.0100	0.0064
##	6	1.2838	nan	0.0100	0.0061
##	7	1.2714	nan	0.0100	0.0061
##	8	1.2592	nan	0.0100	0.0060
##	9	1.2472	nan	0.0100	0.0061
##	10	1.2352	nan	0.0100	0.0058
##	20	1.1269	nan	0.0100	0.0048
##	40	0.9569	nan	0.0100	0.0035
##	60	0.8310	nan	0.0100	0.0026
##	80	0.7362	nan	0.0100	0.0020
##	100	0.6624	nan	0.0100	0.0015
##	120	0.6039	nan	0.0100	0.0014
##	140	0.5578	nan	0.0100	0.0009
##	160	0.5211	nan	0.0100	0.0003
##	180	0.4921		0.0100	0.0006
##			nan		
	200	0.4677	nan	0.0100	0.0005
##	220	0.4485	nan	0.0100	0.0003
##					
##	240	0.4327	nan	0.0100	0.0002
	260	0.4194	nan	0.0100	0.0001
##	260 280	0.4194 0.4074		0.0100 0.0100	0.0001 0.0001
##	260	0.4194	nan	0.0100	0.0001
	260 280	0.4194 0.4074	nan nan	0.0100 0.0100 0.0100	0.0001 0.0001
##	260 280	0.4194 0.4074	nan nan	0.0100 0.0100	0.0001 0.0001
## ##	260 280 300	0.4194 0.4074 0.3983	nan nan nan	0.0100 0.0100 0.0100	0.0001 0.0001 0.0001
## ## ##	260 280 300 Iter 1	0.4194 0.4074 0.3983 TrainDeviance	nan nan nan ValidDeviance nan	0.0100 0.0100 0.0100 StepSize	0.0001 0.0001 0.0001 Improve
## ## ## ##	260 280 300 Iter 1 2	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374	nan nan nan ValidDeviance nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068
## ## ## ## ##	260 280 300 Iter 1 2 3	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240	nan nan nan ValidDeviance nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0068
## ## ## ## ##	260 280 300 Iter 1 2 3 4	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104	nan nan NalidDeviance nan nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0068 0.0065
## ## ## ## ## ##	260 280 300 Iter 1 2 3 4 5	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104 1.2972	nan nan ValidDeviance nan nan nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0068 0.0065 0.0064
## ## ## ## ## ##	260 280 300 Iter 1 2 3 4 5 6	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104 1.2972 1.2843	nan nan ValidDeviance nan nan nan nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0068 0.0065 0.0064
## ## ## ## ## ##	260 280 300 Iter 1 2 3 4 5 6 7	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104 1.2972 1.2843 1.2716	nan nan ValidDeviance nan nan nan nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0068 0.0065 0.0064 0.0064
## ## ## ## ## ## ##	260 280 300 Iter 1 2 3 4 5 6 7 8	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104 1.2972 1.2843 1.2716 1.2592	nan nan ValidDeviance nan nan nan nan nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0068 0.0065 0.0064 0.0064 0.0061
## ## ## ## ## ## ##	260 280 300 Iter 1 2 3 4 5 6 7 8 9	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104 1.2972 1.2843 1.2716 1.2592 1.2470	nan nan ValidDeviance nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0065 0.0064 0.0064 0.0061 0.0061
## ## ## ## ## ## ##	260 280 300 Iter 1 2 3 4 5 6 7 8 9	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104 1.2972 1.2843 1.2716 1.2592 1.2470 1.2353	nan nan ValidDeviance nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0065 0.0064 0.0064 0.0061 0.0061 0.0059 0.0058
## ## ## ## ## ## ##	260 280 300 Iter 1 2 3 4 5 6 7 8 9 10 20	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104 1.2972 1.2843 1.2716 1.2592 1.2470 1.2353 1.1264	nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0065 0.0064 0.0061 0.0061 0.0059 0.0058 0.0049
## ## ## ## ## ## ##	260 280 300 Iter 1 2 3 4 5 6 7 8 9	0.4194 0.4074 0.3983 TrainDeviance 1.3512 1.3374 1.3240 1.3104 1.2972 1.2843 1.2716 1.2592 1.2470 1.2353	nan nan ValidDeviance nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0001 0.0001 0.0001 Improve 0.0067 0.0068 0.0065 0.0064 0.0064 0.0061 0.0061 0.0059 0.0058

## 6	0.8314	nan	0.0100	0.0026
## 8	0.7358	nan	0.0100	0.0020
## 16		nan	0.0100	0.0015
## 12		nan	0.0100	0.0012
## 14		nan	0.0100	0.0009
## 16			0.0100	0.0007
		nan		
## 18		nan	0.0100	0.0005
## 20		nan	0.0100	0.0004
## 22		nan	0.0100	0.0004
## 24	0.4302	nan	0.0100	0.0003
## 26	0 0.4177	nan	0.0100	0.0002
## 28	0.4069	nan	0.0100	0.0003
## 30	0.3979	nan	0.0100	0.0002
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 1.3510	nan	0.0100	0.0071
##	2 1.3373	nan	0.0100	0.0067
##	3 1.3237	nan	0.0100	0.0064
##		nan	0.0100	0.0065
##	5 1.2970	nan	0.0100	0.0065
##	6 1.2841	nan	0.0100	0.0063
##	7 1.2718	nan	0.0100	0.0062
##	8 1.2595	nan	0.0100	0.0060
##	9 1.2473	nan	0.0100	0.0060
## 1	0 1.2354	nan	0.0100	0.0056
## 2	0 1.1271	nan	0.0100	0.0048
## 4	0 0.9576	nan	0.0100	0.0037
	0 0.8314	nan	0.0100	0.0026
	0 0.7365	nan	0.0100	0.0021
## 10		nan	0.0100	0.0014
## 12		nan	0.0100	0.0014
## 14		nan	0.0100	0.0010
## 16		nan	0.0100	0.0008
## 18		nan	0.0100	0.0005
## 26	0.4673	nan	0.0100	0.0005
## 22	0 0.4481	nan	0.0100	0.0004
## 24	0 0.4326	nan	0.0100	0.0003
## 26	0.4190	nan	0.0100	0.0003
## 28	0.4081	nan	0.0100	0.0002
## 36	0.3986	nan	0.0100	0.0002
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 1.3507	nan		0 0070
		lidii	0.0100	0.00/0
		nan nan	0.0100	0.0070 0.0068
##	2 1.3367	nan	0.0100	0.0068
## ##	2 1.3367 3 1.3234	nan nan	0.0100 0.0100	0.0068 0.0066
## ## ##	2 1.3367 3 1.3234 4 1.3100	nan nan nan	0.0100 0.0100 0.0100	0.0068 0.0066 0.0065
## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0068 0.0066 0.0065 0.0064
## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063
## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063
## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060
## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059
## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059
## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059
## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059
## ## ## ## ## ## ## 2	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059
## ## ## ## ## ## ## ## 6	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037
## ## ## ## ## ## ## ## 6	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025
## ## ## ## ## ## ## ## 8	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0010
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0010 0.0007 0.0006
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.55215 0 0.4919 0 0.4682	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0010 0.0007 0.0006
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.55215 0 0.4919 0 0.4682 0 0.4491	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4682 0 0.4491 0 0.4335	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	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4682 0 0.4491 0 0.4335 0 0.4201	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	0.0068 0.0066 0.0065 0.0064 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4482 0 0.4491 0 0.4335 0 0.4201 0 0.4094	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003 0.0002 0.0001
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4482 0 0.4491 0 0.4335 0 0.4201 0 0.4094	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	0.0068 0.0066 0.0065 0.0064 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4482 0 0.4491 0 0.4335 0 0.4201 0 0.4094	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003 0.0002 0.0001
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4682 0 0.4491 0 0.4335 0 0.4201 0 0.4094 0 0.4001 TrainDeviance	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0069 0.0059 0.0049 0.0037 0.0025 0.0019 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003 0.0002 0.0001
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4682 0 0.4491 0 0.4335 0 0.4201 0 0.4094	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003 0.0002 0.0001
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4682 0 0.4491 0 0.4335 0 0.4201 0 0.4094 0 0.4001 TrainDeviance	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0002 0.0001
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.5215 0 0.4919 0 0.4682 0 0.4491 0 0.4335 0 0.4201 0 0.4094 0 0.4001 TrainDeviance 1 1.2550 2 1.1597	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0001 0.0001
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.4919 0 0.4491 0 0.4492 0 0.4491 0 0.4493 TrainDeviance 1 1.2550 2 1.1597 3 1.0824	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0002 0.0001 0.0001 Improve 0.0555 0.0462 0.0377
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.4919 0 0.4491 0 0.4493 0 0.4491 0 0.4491 0 0.4491 0 0.4491 0 0.401 TrainDeviance 1 1.2550 2 1.1597 3 1.0824 4 1.0211	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0002 0.0001 Improve 0.0555 0.0462 0.0377 0.0308
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.4919 0 0.4491 0 0.4492 0 0.4491 0 0.4335 0 0.4201 0 0.4094 0 0.4001 TrainDeviance 1 1.2550 2 1.1597 3 1.0824 4 1.0211 5 0.9683	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0010 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0001 Improve 0.0555 0.0462 0.0377 0.0308 0.0261
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.4919 0 0.4491 0 0.4335 0 0.4201 0 0.4094 0 0.4001 TrainDeviance 1 1.2550 2 1.1597 3 1.0824 4 1.0211 5 0.9683 6 0.9226	nan	0.0100 0.0100	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0003 0.0001 Improve 0.0555 0.0462 0.0377 0.0308 0.023
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.4919 0 0.4491 0 0.4492 0 0.4491 0 0.4493 0 0.4201 0 0.4094 0 0.4001 TrainDeviance 1 1.2550 2 1.1597 3 1.0824 4 1.0211 5 0.9683 6 0.9226 7 0.8805	nan	0.0100 0.000 0.000 0.000	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0019 0.0015 0.0011 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0003 0.0001 Improve 0.0555 0.0462 0.0377 0.0308 0.023 0.021
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.4919 0 0.4491 0 0.4492 0 0.4491 0 0.4493 0 0.4201 0 0.4094 0 0.4001 TrainDeviance 1 1.2550 2 1.1597 3 1.0824 4 1.0211 5 0.9683 6 0.9226 7 0.8805 8 0.8485	nan	0.0100 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.0068 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0011 0.0015 0.0011 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0003 0.0001 Improve 0.0555 0.0462 0.0377 0.0308 0.0223 0.0201 0.0155
## ## ## ## ## ## ## ## ## ## ## ## ##	2 1.3367 3 1.3234 4 1.3100 5 1.2970 6 1.2841 7 1.2715 8 1.2592 9 1.2471 0 1.2352 0 1.1276 0 0.9591 0 0.8330 0 0.7365 0 0.6626 0 0.6047 0 0.5591 0 0.4919 0 0.4491 0 0.4492 0 0.4491 0 0.4493 0 0.4201 0 0.4094 0 0.4001 TrainDeviance 1 1.2550 2 1.1597 3 1.0824 4 1.0211 5 0.9683 6 0.9226 7 0.8805	nan	0.0100 0.000 0.000 0.000	0.0068 0.0066 0.0065 0.0064 0.0063 0.0062 0.0060 0.0059 0.0059 0.0049 0.0037 0.0025 0.0011 0.0015 0.0011 0.0007 0.0006 0.0005 0.0003 0.0003 0.0003 0.0003 0.0001 Improve 0.0555 0.0462 0.0377 0.0308 0.0223 0.0201

##	20	0.6062	nan	0.1000	0.0059
##	40	0.4652	nan	0.1000	0.0018
##	60	0.4163	nan	0.1000	0.0004
##	80	0.3909	nan	0.1000	0.0004
##	100	0.3788		0.1000	-0.0003
			nan		
##	120	0.3705	nan	0.1000	-0.0001
##	140	0.3654	nan	0.1000	-0.0007
##	160	0.3606	nan	0.1000	-0.0002
##	180	0.3574	nan	0.1000	-0.0005
##	200	0.3548	nan	0.1000	-0.0001
##	220	0.3516	nan	0.1000	-0.0002
##	240	0.3483	nan	0.1000	-0.0003
##	260	0.3463	nan	0.1000	-0.0002
##	280	0.3445	nan	0.1000	-0.0002
##	300	0.3424	nan	0.1000	-0.0003
	300	0.5424	IIali	0.1000	-0.0003
##	T+	Taniabaniaaaa	V-1: dD	C+C	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2507	nan	0.1000	0.0572
##	2	1.1584	nan	0.1000	0.0457
##	3	1.0840	nan	0.1000	0.0381
##	4	1.0205	nan	0.1000	0.0314
##	5	0.9657	nan	0.1000	0.0270
##	6	0.9204	nan	0.1000	0.0229
##	7	0.8804	nan	0.1000	0.0193
##	8	0.8458	nan	0.1000	0.0161
##	9	0.8165	nan	0.1000	0.0136
##	10	0.7861	nan	0.1000	0.0154
##	20	0.6058	nan	0.1000	0.0058
##	40	0.4646	nan	0.1000	0.0008
##	60	0.4149	nan	0.1000	0.0004
##	80	0.3900	nan	0.1000	0.0001
##	100	0.3766	nan	0.1000	-0.0002
##	120	0.3682	nan	0.1000	-0.0001
##	140	0.3644	nan	0.1000	-0.0002
##	160	0.3613	nan	0.1000	-0.0005
##	180	0.3573	nan	0.1000	-0.0000
##	200	0.3544	nan	0.1000	-0.0001
		0.3522			
##	220		nan	0.1000	-0.0007
##	240	0.3495	nan	0.1000	-0.0000
##	260	0.3475	nan	0.1000	-0.0003
##	280	0.3447	nan	0.1000	-0.0000
##	300	0.3426	nan	0.1000	-0.0003
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##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
	Iter 1			StepSize 0.1000	
##		TrainDeviance	ValidDeviance	•	Improve
## ##	1 2	TrainDeviance 1.2532 1.1631	ValidDeviance nan nan	0.1000 0.1000	Improve 0.0569 0.0465
## ## ## ##	1 2 3	TrainDeviance 1.2532 1.1631 1.0872	ValidDeviance nan nan nan	0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380
## ## ## ##	1 2 3 4	TrainDeviance 1.2532 1.1631 1.0872 1.0243	ValidDeviance nan nan nan nan	0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321
## ## ## ## ##	1 2 3 4 5	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674	ValidDeviance nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267
## ## ## ## ##	1 2 3 4 5 6	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213	ValidDeviance nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225
## ## ## ## ## ##	1 2 3 4 5 6 7	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833	ValidDeviance nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175
## ## ## ## ## ##	1 2 3 4 5 6 7 8	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457	ValidDeviance nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181
## ## ## ## ## ##	1 2 3 4 5 6 7 8	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139	ValidDeviance 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005
## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3705 0.3665 0.3614	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005 0.0003 -0.0002 -0.0000
## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005 0.0003 -0.0002 -0.00004 -0.0003
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.0002 -0.00004 -0.0003
######################################	1 2 3 3 4 4 5 5 6 6 7 7 8 8 9 100 200 140 1600 1800 220	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0002 -0.0000 -0.0004 -0.0003 -0.0003 -0.0003
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.0002 -0.0004 -0.0003 -0.0003 -0.0001 -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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003
######################################	1 2 3 3 4 4 5 6 6 7 7 8 8 9 100 200 1400 1600 1800 2200 2400 2600 2800	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 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	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003
######################################	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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.0002 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003
######################################	1 2 3 3 4 4 5 6 6 7 7 8 8 9 100 200 1400 1600 1800 2200 2400 2600 2800	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421 TrainDeviance	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005 0.0003 -0.0002 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003
######################################	1 2 3 4 4 5 6 6 7 8 9 100 200 400 1200 1400 1600 2200 2400 2600 2800 3000 Iter 1	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.0002 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421 TrainDeviance	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005 0.0003 -0.0002 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003
######################################	1 2 3 4 4 5 6 6 7 8 9 100 200 400 1200 1400 1600 2200 2400 2600 2800 3000 Iter 1	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421 TrainDeviance 1.2521	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.00002 -0.0004 -0.0003 -0.0003 -0.0003 -0.0001 -0.0003 -0.0003 -0.0002 -0.00002 -0.00003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003 -0.0003
######################################	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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421 TrainDeviance 1.2521 1.1603	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 -0.0003 -0.0004 -0.0003 -0.0003 -0.0001 -0.0003 -0.0001 -0.0003 -0.0002 -0.0002 -0.0002 -0.0002 -0.0002 -0.0003
######################################	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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421 TrainDeviance 1.2521 1.1603 1.0834 1.0192	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005 0.0003 -0.0002 -0.0004 -0.0003 -0.0003 -0.0003 -0.0003 -0.0002 -0.0003
######################################	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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421 TrainDeviance 1.2521 1.1603 1.0834 1.0192 0.9681	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005 0.0003 -0.0002 -0.0003
######################################	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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421 TrainDeviance 1.2521 1.1603 1.0834 1.0192 0.9681 0.9220	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005 0.0003 -0.0002 -0.0004 -0.0003
######################################	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	TrainDeviance 1.2532 1.1631 1.0872 1.0243 0.9674 0.9213 0.8833 0.8457 0.8139 0.7864 0.6065 0.4660 0.4193 0.3905 0.3780 0.3705 0.3665 0.3614 0.3575 0.3543 0.3516 0.3487 0.3462 0.3438 0.3421 TrainDeviance 1.2521 1.1603 1.0834 1.0192 0.9681	ValidDeviance nan nan nan nan nan nan nan nan nan na	0.1000 0.1000	Improve 0.0569 0.0465 0.0380 0.0321 0.0267 0.0225 0.0175 0.0181 0.0158 0.0130 0.0059 0.0012 0.0003 0.0005 0.0003 -0.0002 -0.0003

##	9	0.8142	nan	0.1000	0.0154
##	10	0.7860	nan	0.1000	0.0137
##	20	0.6057	nan	0.1000	0.0058
##	40	0.4675		0.1000	0.0009
			nan		
##	60	0.4164	nan	0.1000	0.0004
##	80	0.3927	nan	0.1000	-0.0002
##	100	0.3784	nan	0.1000	-0.0001
##	120	0.3699	nan	0.1000	-0.0001
##	140	0.3657	nan	0.1000	-0.0002
##	160	0.3615	nan	0.1000	-0.0001
##	180	0.3579	nan	0.1000	-0.0001
##	200	0.3556	nan	0.1000	-0.0003
##	220	0.3528		0.1000	-0.0002
			nan		
##	240	0.3508	nan	0.1000	-0.0004
##	260	0.3488	nan	0.1000	-0.0003
##	280	0.3473	nan	0.1000	-0.0001
##	300	0.3451	nan	0.1000	-0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2409	nan	0.1000	0.0617
##	2	1.1358	nan	0.1000	0.0504
##	3	1.0522	nan	0.1000	0.0411
##	4	0.9817		0.1000	0.0344
	5		nan		
##		0.9204	nan	0.1000	0.0285
##	6	0.8635	nan	0.1000	0.0282
##	7	0.8164	nan	0.1000	0.0234
##	8	0.7763	nan	0.1000	0.0189
##	9	0.7427	nan	0.1000	0.0154
##	10	0.7099	nan	0.1000	0.0162
##	20	0.5169	nan	0.1000	0.0058
##	40	0.4020	nan	0.1000	0.0005
##	60	0.3702	nan	0.1000	0.0001
##	80				
		0.3550	nan	0.1000	0.0001
##	100	0.3429	nan	0.1000	-0.0001
##	120	0.3329	nan	0.1000	-0.0003
##	140	0.3232	nan	0.1000	-0.0002
##	160	0.3165	nan	0.1000	-0.0001
##	180	0.3106	nan	0.1000	-0.0004
##	200	0.3050	nan	0.1000	-0.0008
##	220	0.2990	nan	0.1000	-0.0001
##	240	0.2920	nan	0.1000	-0.0003
##	260	0.2837	nan	0.1000	-0.0002
##	280	0.2791	nan	0.1000	-0.0003
##	300	0.2732	nan	0.1000	-0.0004
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2404	nan	0.1000	0.0619
##	2	1.1358	nan	0.1000	0.0505
##	3	1.0505	nan	0.1000	0.0417
##	4	0.0022	nan		
##	5	0.9822	IIIII	0.1000	0.0326
##	J	0.9822	nan	0.1000 0.1000	0.0326 0.0305
	6				
##	6	0.9213 0.8689	nan nan	0.1000 0.1000	0.0305 0.0246
##	6 7	0.9213 0.8689 0.8238	nan nan nan	0.1000 0.1000 0.1000	0.0305 0.0246 0.0218
##	6 7 8	0.9213 0.8689 0.8238 0.7809	nan nan nan nan	0.1000 0.1000 0.1000 0.1000	0.0305 0.0246 0.0218 0.0205
## ##	6 7 8 9	0.9213 0.8689 0.8238 0.7809 0.7465	nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166
## ## ##	6 7 8 9 10	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155
## ## ## ##	6 7 8 9 10 20	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090	nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054
## ## ## ##	6 7 8 9 10 20 40	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977	nan nan nan nan nan nan nan	0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005
## ## ## ## ##	6 7 8 9 10 20 40 60	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000
## ## ## ## ##	6 7 8 9 10 20 40 60 80	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004
## ## ## ## ##	6 7 8 9 10 20 40 60 80 100	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004 -0.0002
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004 -0.0002
## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227	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 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004 -0.0002 -0.0002
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004 -0.0002 -0.0002 -0.0002
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3054	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004 -0.0002 -0.0002 -0.0002 -0.0002
## ## ## ## ## ## ##	6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3054 0.3000	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004 -0.0002 -0.0002 -0.0002 -0.0002 -0.0004 -0.0005
######################################	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3098 0.3000 0.2952	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0005
######################################	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240 260	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3098 0.3054 0.3000 0.2952 0.2902	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004 -0.0002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0006 -0.0006
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3098 0.3000 0.2952 0.2902 0.2865	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005
######################################	6 7 8 9 10 20 40 60 80 120 140 160 180 220 240 260	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3098 0.3054 0.3000 0.2952 0.2902	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0004 -0.0002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0006 -0.0006
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3098 0.3000 0.2952 0.2902 0.2865	nan	0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.00000 -0.00002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3098 0.3000 0.2952 0.2902 0.2865	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	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0002 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3227 0.3166 0.3098 0.3098 0.3054 0.3000 0.2952 0.2902 0.2865 0.2817	nan	0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005 -0.0005
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3303 0.3227 0.3166 0.3098 0.3054 0.3000 0.2952 0.2902 0.2865 0.2817	nan	0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0004 -0.0005 -0.0005 -0.0005 -0.0007 -0.0001
######################################	6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300 Iter 1	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3227 0.3166 0.3098 0.3054 0.3000 0.2952 0.2902 0.2865 0.2817	nan	0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0005 -0.0006 -0.0003 -0.0005 -0.0005
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3227 0.3166 0.3098 0.3054 0.3000 0.2952 0.2902 0.2865 0.2817 TrainDeviance 1.2410 1.1376 1.0516	nan	0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0005 -0.0006 -0.0003 -0.0007 -0.0001 Improve 0.0612 0.0507 0.0416
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3 4	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3227 0.3166 0.3098 0.3054 0.3000 0.2952 0.2902 0.2865 0.2817 TrainDeviance 1.2410 1.1376 1.0516 0.9794	nan	0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0005 -0.0006 -0.0003 -0.0007 -0.0001 Improve 0.0612 0.0507 0.0416 0.0344
######################################	6 7 8 9 10 20 40 60 80 120 140 160 220 240 260 280 300 Iter 1 2 3	0.9213 0.8689 0.8238 0.7809 0.7465 0.7138 0.5090 0.3977 0.3672 0.3546 0.3403 0.3227 0.3166 0.3098 0.3054 0.3000 0.2952 0.2902 0.2865 0.2817 TrainDeviance 1.2410 1.1376 1.0516	nan	0.1000 0.1000	0.0305 0.0246 0.0218 0.0205 0.0166 0.0155 0.0054 0.0005 0.0000 -0.0003 -0.0002 -0.0002 -0.0002 -0.0005 -0.0006 -0.0003 -0.0007 -0.0001 Improve 0.0612 0.0507 0.0416

##	7	0.8186	nan	0.1000	0.0218
##	8	0.7785	nan	0.1000	0.0197
##	9	0.7441	nan	0.1000	0.0165
##	10	0.7129	nan	0.1000	0.0152
##	20	0.5074	nan	0.1000	0.0058
##	40	0.3982	nan	0.1000	0.0004
##	60	0.3704	nan	0.1000	-0.0007
##	80	0.3578	nan	0.1000	-0.0008
##	100	0.3469	nan	0.1000	-0.0002
##	120	0.3383	nan	0.1000	-0.0003
##	140	0.3297	nan	0.1000	-0.0003
##	160	0.3235	nan	0.1000	-0.0002
##	180	0.3182	nan	0.1000	-0.0004
##	200	0.3119	nan	0.1000	-0.0004
##	220	0.3065	nan	0.1000	-0.0004
##	240	0.3019	nan	0.1000	-0.0004
##	260				-0.0003
##		0.2965	nan	0.1000	
	280	0.2928	nan	0.1000	-0.0006
##	300	0.2876	nan	0.1000	-0.0005
##	T+	TaniaDavia	V-1 - dD	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2392	nan	0.1000	0.0605
##	2	1.1407	nan	0.1000	0.0490
##	3	1.0550	nan	0.1000	0.0421
##	4	0.9815	nan	0.1000	0.0359
##	5	0.9196	nan	0.1000	0.0295
##	6	0.8669	nan	0.1000	0.0253
##	7	0.8205	nan	0.1000	0.0225
##	8	0.7796	nan	0.1000	0.0201
##	9	0.7473	nan	0.1000	0.0157
##	10	0.7171	nan	0.1000	0.0143
##	20	0.5121	nan	0.1000	0.0047
##	40	0.3980	nan	0.1000	0.0008
##	60	0.3720	nan	0.1000	-0.0001
##	80	0.3597	nan	0.1000	-0.0004
##	100	0.3485	nan	0.1000	-0.0003
##	120	0.3410	nan	0.1000	-0.0003
##	140	0.3331	nan	0.1000	-0.0003
##	160	0.3269	nan	0.1000	-0.0004
##	180	0.3205	nan	0.1000	-0.0004
##	200	0.3149		0.1000	-0.0002
##			nan		
	220	0.3099	nan	0.1000	-0.0001
##	240	0.3044	nan	0.1000	-0.0007
##	260	0.2994	nan	0.1000	-0.0004
##	280	0.2944	nan	0.1000	-0.0005
##	300	0.2908	nan	0.1000	-0.0001
##	- .		V 1 ' 15 '	o. o.	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2326	nan	0.1000	0.0645
##	2	1.1252	nan	0.1000	0.0534
##	3	1.0347	nan	0.1000	0.0426
##	4	0.9598	nan	0.1000	0.0366
##	5	0.8967	nan	0.1000	0.0308
##	6	0.8432	nan	0.1000	0.0276
##	7	0.7923	nan	0.1000	0.0243
##	8	0.7502	nan	0.1000	0.0194
##	9	0.7085	nan	0.1000	0.0203
##	10	0.6756	nan	0.1000	0.0147
##	20	0.4816	nan	0.1000	0.0045
##	40	0.3827	nan	0.1000	0.0002
##	60	0.3512	nan	0.1000	-0.0000
##	80	0.3283	nan	0.1000	-0.0002
##	100	0.3132	nan	0.1000	-0.0001
##	120	0.3011	nan	0.1000	-0.0003
##	140	0.2884	nan	0.1000	-0.0001
##	160	0.2764	nan	0.1000	-0.0003
##	180	0.2680	nan	0.1000	-0.0003
##	200	0.2600	nan	0.1000	-0.0002
##	220	0.2503		0.1000	-0.0001
		0.2404	nan		
##	240		nan	0.1000	-0.0002
##	260	0.2324	nan	0.1000	-0.0002
##	280	0.2253	nan	0.1000	-0.0002
##	300	0.2179	nan	0.1000	-0.0004
##	T .	T	V-1:15	6161	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2368	nan	0.1000	0.0649
##	2	1.1288	nan	0.1000	0.0529
##	3	1.0407	nan	0.1000	0.0448
##	4	0.9613	nan	0.1000	0.0385

##	5	0.8966	nan	0.1000	0.0313
##	6	0.8400	nan	0.1000	0.0273
##	7	0.7917	nan	0.1000	0.0220
##	8	0.7488	nan	0.1000	0.0217
##	9	0.7075	nan	0.1000	0.0207
##	10	0.6715		0.1000	0.0207
			nan		
##	20	0.4786	nan	0.1000	0.0050
##	40	0.3836	nan	0.1000	0.0008
##	60	0.3558	nan	0.1000	-0.0005
##	80	0.3348	nan	0.1000	-0.0008
##	100	0.3213	nan	0.1000	-0.0007
##	120	0.3116	nan	0.1000	-0.0004
##	140	0.3007	nan	0.1000	-0.0006
##	160	0.2904	nan	0.1000	-0.0006
##	180	0.2791	nan	0.1000	-0.0001
##	200	0.2712	nan	0.1000	-0.0002
##	220	0.2618	nan	0.1000	-0.0002
##	240	0.2537	nan	0.1000	-0.0001
##	260	0.2481		0.1000	-0.0002
##	280	0.2416	nan	0.1000	-0.0002
			nan		
##	300	0.2356	nan	0.1000	-0.0004
##		Tuesda Die d	V=12.45 : 1	C± · · C ·	T
## It		TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2328	nan	0.1000	0.0649
##	2	1.1308	nan	0.1000	0.0503
##	3	1.0377	nan	0.1000	0.0451
##	4	0.9632	nan	0.1000	0.0357
##	5	0.8981	nan	0.1000	0.0315
##	6	0.8413	nan	0.1000	0.0270
##	7	0.7923	nan	0.1000	0.0242
##	8	0.7498	nan	0.1000	0.0200
##	9	0.7094	nan	0.1000	0.0199
##	10	0.6738		0.1000	0.0133
			nan		
##	20	0.4787	nan	0.1000	0.0044
##	40	0.3851	nan	0.1000	-0.0001
##	60	0.3546	nan	0.1000	-0.0001
##	80	0.3361	nan	0.1000	-0.0004
##	100	0.3224	nan	0.1000	-0.0006
##	120	0.3110	nan	0.1000	-0.0004
##	140	0.3029	nan	0.1000	-0.0006
##	160	0.2917	nan	0.1000	-0.0004
##	180	0.2820	nan	0.1000	-0.0002
##	200	0.2753	nan	0.1000	-0.0009
##	220	0.2695	nan	0.1000	-0.0004
##	240	0.2615	nan	0.1000	-0.0002
##	260	0.2545	nan	0.1000	-0.0002
	280	0.2484		0.1000	-0.0002
##	300	0.2428	nan	0.1000	
##	300	0.2420	nan	0.1000	-0.0005
##		T	V-1:45 - 1	61 61	T
## It		TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2353	nan	0.1000	0.0644
##	2	1.1318	nan	0.1000	0.0509
##	3	1.0388	nan	0.1000	0.0458
##	4	0.9646	nan	0.1000	0.0360
##	5	0.9006	nan	0.1000	0.0315
##	6	0.8395	nan	0.1000	0.0288
##	7	0.7867	nan	0.1000	0.0247
##	8	0.7438	nan	0.1000	0.0198
##	9	0.7068	nan	0.1000	0.0175
##	10	0.6734	nan	0.1000	0.0147
##	20	0.4779	nan	0.1000	0.0044
##	40	0.3809	nan	0.1000	0.0003
##	60	0.3527	nan	0.1000	-0.0003
##	80	0.3374	nan	0.1000	-0.0003
##					
	100	0.3240	nan	0.1000	-0.0011
##	120	0.3117	nan	0.1000	-0.0004
##	140	0.3024	nan	0.1000	-0.0001
##	160	0.2935	nan	0.1000	-0.0005
##	180	0.2858	nan	0.1000	-0.0005
##	200	0.2786	nan	0.1000	-0.0003
##	220	0.2713	nan	0.1000	-0.0004
##	240	0.2650	nan	0.1000	-0.0006
##	260	0.2589	nan	0.1000	-0.0003
##	280	0.2532	nan	0.1000	-0.0004
##	300	0.2463	nan	0.1000	-0.0008
##	200	0.2403	Hall	0.1000	2.3000
## It	er	TrainDeviance	ValidDeviance	StepSize	Improve
## 10	1	1.2303		0.1000	0.0654
	2		nan	0.1000	0.0549
##	2	1.1214	nan	0.1000	0.0349

##	3	1.0288	nan	0.1000	0.0454
##	4	0.9511	nan	0.1000	0.0370
##	5	0.8840	nan	0.1000	0.0314
##	6	0.8265	nan	0.1000	0.0281
##	7	0.7775	nan	0.1000	0.0227
##	8	0.7327	nan	0.1000	0.0210
##	9	0.6940		0.1000	0.0174
			nan		
##	10	0.6582	nan	0.1000	0.0178
##	20	0.4641	nan	0.1000	0.0049
##	40	0.3678	nan	0.1000	0.0002
##	60	0.3308	nan	0.1000	-0.0006
##	80	0.3104	nan	0.1000	-0.0003
##	100	0.2959	nan	0.1000	-0.0006
##	120	0.2811	nan	0.1000	-0.0006
##	140	0.2659	nan	0.1000	-0.0004
##	160	0.2525	nan	0.1000	-0.0008
##	180	0.2425	nan	0.1000	-0.0004
##	200	0.2299		0.1000	-0.0004
			nan		
##	220	0.2192	nan	0.1000	-0.0005
##	240	0.2065	nan	0.1000	-0.0003
##	260	0.1984	nan	0.1000	-0.0004
##	280	0.1911	nan	0.1000	-0.0004
##	300	0.1828	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2278	nan	0.1000	0.0660
##	2	1.1143	nan	0.1000	0.0547
##	3	1.0207	nan	0.1000	0.0465
##	4	0.9420		0.1000	
	4 5		nan		0.0380
##		0.8780	nan	0.1000	0.0309
##	6	0.8184	nan	0.1000	0.0290
##	7	0.7684	nan	0.1000	0.0240
##	8	0.7250	nan	0.1000	0.0202
##	9	0.6872	nan	0.1000	0.0178
##	10	0.6523	nan	0.1000	0.0161
##	20	0.4622	nan	0.1000	0.0047
##	40	0.3655	nan	0.1000	0.0002
##	60	0.3358	nan	0.1000	-0.0001
##	80	0.3094	nan	0.1000	-0.0003
##	100	0.2941		0.1000	-0.0005
			nan		
##	120	0.2771	nan	0.1000	-0.0006
##	140	0.2660	nan	0.1000	-0.0002
##	160	0.2542	nan	0.1000	-0.0006
##	180	0.2409	nan	0.1000	-0.0004
##	200	0.2310	nan	0.1000	-0.0007
##	220	0.2205	nan	0.1000	-0.0005
##	240	0.2131	nan	0.1000	-0.0005
##	260	0.2059	nan	0.1000	-0.0004
##	280	0.1978	nan	0.1000	-0.0000
##	300	0.1908	nan	0.1000	-0.0004
##	500	0.2000		0.2000	0.000.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2334		0.1000	•
	2		nan		0.0655
##	3	1.1256	nan	0.1000	0.0527
##		1.0319	nan	0.1000	0.0458
##	4	0.9508	nan	0.1000	0.0391
##	5	0.8826	nan	0.1000	0.0336
##	6	0.8248	nan	0.1000	0.0273
##	7	0.7738	nan	0.1000	0.0255
##	8	0.7284	nan	0.1000	0.0211
##	9	0.6902	nan	0.1000	0.0179
##	10	0.6559	nan	0.1000	0.0165
##	20	0.4651	nan	0.1000	0.0043
##	40	0.3685	nan	0.1000	0.0001
##	60	0.3397	nan	0.1000	-0.0006
##	80	0.3163	nan	0.1000	-0.0006
##	100	0.3024		0.1000	-0.0002
##	120	0.2901	nan nan	0.1000	-0.0002
			nan		
##	140	0.2781	nan	0.1000	-0.0008
##	160	0.2678	nan	0.1000	-0.0009
##	180	0.2574	nan	0.1000	-0.0009
##	200	0.2476	nan	0.1000	-0.0008
##	220	0.2362	nan	0.1000	-0.0002
##	240	0.2269	nan	0.1000	-0.0006
##	260	0.2196	nan	0.1000	-0.0006
##	280	0.2117	nan	0.1000	-0.0004
##	300	0.2057	nan	0.1000	-0.0007
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
			-		•

##	1	1.2309	nan	0.1000	0.0672
##	2	1.1202	nan	0.1000	0.0546
##	3	1.0265	nan	0.1000	0.0456
##	4	0.9494	nan	0.1000	0.0376
##	5	0.8831	nan	0.1000	0.0316
##	6	0.8251	nan	0.1000	0.0274
##	7	0.7736		0.1000	0.0249
			nan		
##	8	0.7301	nan	0.1000	0.0208
##	9	0.6908	nan	0.1000	0.0188
##	10	0.6574	nan	0.1000	0.0154
##	20	0.4666	nan	0.1000	0.0052
##	40	0.3677	nan	0.1000	0.0005
##	60	0.3394	nan	0.1000	-0.0003
##	80	0.3193	nan	0.1000	0.0000
##	100	0.3022	nan	0.1000	-0.0002
##	120	0.2894	nan	0.1000	-0.0007
##	140	0.2798	nan	0.1000	-0.0002
##	160	0.2675		0.1000	-0.0002
			nan		
##	180	0.2602	nan	0.1000	-0.0006
##	200	0.2511	nan	0.1000	-0.0007
##	220	0.2434	nan	0.1000	-0.0005
##	240	0.2343	nan	0.1000	-0.0005
##	260	0.2265	nan	0.1000	-0.0004
##	280	0.2210	nan	0.1000	-0.0007
##	300	0.2146	nan	0.1000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0492	nan	0.3000	0.1471
##	2	0.8910	nan	0.3000	0.0778
##	3	0.7932	nan	0.3000	0.0778
##	4				
		0.7145	nan	0.3000	0.0385
##	5	0.6621	nan	0.3000	0.0241
##	6	0.6179	nan	0.3000	0.0229
##	7	0.5826	nan	0.3000	0.0143
##	8	0.5599	nan	0.3000	0.0095
##	9	0.5337	nan	0.3000	0.0134
##	10	0.5143	nan	0.3000	0.0100
##	20	0.4188	nan	0.3000	0.0008
##	40	0.3722	nan	0.3000	0.0003
##	60	0.3578	nan	0.3000	-0.0001
##	80	0.3478	nan	0.3000	-0.0007
##					-0.0007
	100	0.3429	nan	0.3000	
##	120	0.3342	nan	0.3000	-0.0005
##	140	0.3280	nan	0.3000	-0.0000
##	160	0.3247	nan	0.3000	-0.0010
##	180	0.3197	nan	0.3000	0.0002
##	200	0.3158	nan	0.3000	0.0000
##	220	0.3128	nan	0.3000	-0.0005
##	240	0.3096	nan	0.3000	-0.0003
##	260	0.3054	nan	0.3000	-0.0009
##	280	0.3028	nan	0.3000	-0.0007
##	300	0.2991	nan	0.3000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0641	nan	0.3000	0.1547
##	2	0.9021	nan	0.3000	0.0807
##	3	0.8002	nan	0.3000	0.0484
##	4	0.7205	nan	0.3000	0.0392
	5				
##		0.6662	nan	0.3000	0.0234
##	6	0.6212	nan	0.3000	0.0220
##	7	0.5829	nan	0.3000	0.0192
##	8	0.5606	nan	0.3000	0.0098
##	9	0.5295	nan	0.3000	0.0149
##	10	0.5072	nan	0.3000	0.0099
##	20	0.4161	nan	0.3000	0.0011
##	40	0.3724	nan	0.3000	-0.0004
##	60	0.3591	nan	0.3000	-0.0005
##	80	0.3551	nan	0.3000	-0.0017
##	100	0.3465	nan	0.3000	-0.0001
##	120	0.3396	nan	0.3000	-0.0001
##	140	0.3345	nan	0.3000	-0.0007
##	160	0.3280		0.3000	-0.0010
			nan		
##	180	0.3235	nan	0.3000	-0.0011
##	200	0.3200	nan	0.3000	-0.0008
##	220	0.3170	nan	0.3000	-0.0005
##	240	0.3130	nan	0.3000	-0.0006
##	260	0.3095	nan	0.3000	-0.0010
##	280	0.3064	nan	0.3000	-0.0005
##	300	0.3032	nan	0.3000	-0.0005

##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0673	nan	0.3000	0.1494
##	2	0.8999	nan	0.3000	0.0837
##	3	0.8117	nan	0.3000	0.0423
##	4	0.7270	nan	0.3000	0.0407
##	5	0.6688	nan	0.3000	0.0276
##	6 7	0.6201	nan	0.3000	0.0228
##	8	0.5787 0.5542	nan nan	0.3000 0.3000	0.0195 0.0114
##	9	0.5281	nan	0.3000	0.0114
##	10	0.5135	nan	0.3000	0.0059
##	20	0.4140	nan	0.3000	0.0021
##	40	0.3729	nan	0.3000	0.0003
##	60	0.3627	nan	0.3000	-0.0001
##	80	0.3545	nan	0.3000	-0.0015
##	100	0.3503	nan	0.3000	-0.0002
##	120	0.3407	nan	0.3000	-0.0007
##	140	0.3345	nan	0.3000	-0.0009
##	160	0.3314	nan	0.3000	-0.0005
##	180	0.3268	nan	0.3000	-0.0008
##	200 220	0.3227 0.3196	nan	0.3000 0.3000	-0.0012 -0.0004
##	240	0.3165	nan nan	0.3000	-0.0010
##	260	0.3130	nan	0.3000	-0.0015
##	280	0.3091	nan	0.3000	-0.0006
##	300	0.3058	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0561	nan	0.3000	0.1491
##	2	0.8983	nan	0.3000	0.0756
##	3	0.7932	nan	0.3000	0.0497
##	4	0.7178	nan	0.3000	0.0364
##	5 6	0.6624	nan	0.3000	0.0270
##	7	0.6150 0.5891	nan nan	0.3000 0.3000	0.0237 0.0115
##	8	0.5582	nan	0.3000	0.0167
##	9	0.5321	nan	0.3000	0.0107
##	10	0.5109	nan	0.3000	0.0086
##	20	0.4156	nan	0.3000	0.0008
##	40	0.3739	nan	0.3000	-0.0006
##	60	0.3612	nan	0.3000	-0.0006
##	80	0.3526	nan	0.3000	-0.0001
##	100	0.3464	nan	0.3000	-0.0001
##	120 140	0.3410 0.3377	nan nan	0.3000 0.3000	0.0000 -0.0010
##	160	0.3342	nan	0.3000	-0.0010
##	180	0.3293	nan	0.3000	0.0000
##	200	0.3255	nan	0.3000	-0.0005
##	220	0.3223	nan	0.3000	-0.0010
##	240	0.3177	nan	0.3000	-0.0003
##	260	0.3154	nan	0.3000	-0.0016
##	280	0.3104	nan	0.3000	-0.0007
##	300	0.3085	nan	0.3000	-0.0004
##	Ttor	TrainDeviance	ValidDeviance	StepSize	Improve
##	Iter 1	1.0348	nan	0.3000	0.1633
##	2	0.8477	nan	0.3000	0.1033
##	3	0.7265	nan	0.3000	0.0595
##	4	0.6526	nan	0.3000	0.0363
##	5	0.5840	nan	0.3000	0.0332
##	6	0.5286	nan	0.3000	0.0264
##	7	0.4943	nan	0.3000	0.0148
##	8	0.4643	nan	0.3000	0.0136
##	9	0.4425	nan	0.3000	0.0085
##	10 20	0.4321 0.3789	nan	0.3000 0.3000	0.0034 0.0002
##	40	0.3499	nan nan	0.3000	-0.0017
##	60	0.3301	nan	0.3000	-0.0017
##	80	0.3003	nan	0.3000	-0.0004
##	100	0.2847	nan	0.3000	-0.0003
##	120	0.2717	nan	0.3000	-0.0021
##	140	0.2586	nan	0.3000	-0.0004
##	160	0.2482	nan	0.3000	-0.0009
##	180	0.2396	nan	0.3000	-0.0020
##	200	0.2243	nan	0.3000	-0.0008
##	220	0.2179	nan	0.3000	-0.0008
##	240 260	0.2037 0.1924	nan nan	0.3000 0.3000	-0.0009 -0.0007
17#	200	0.1324	IIail	0.5000	-0.0007

##	280	0.1842	nan	0.3000	-0.0007
##	300	0.1748	nan	0.3000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0386	nan	0.3000	0.1629
##	2	0.8441	nan	0.3000	0.0931
##	3	0.7189	nan	0.3000	0.0604
##	4	0.6444			0.0344
			nan	0.3000	
##	5	0.5884	nan	0.3000	0.0257
##	6	0.5315	nan	0.3000	0.0264
##	7	0.4929	nan	0.3000	0.0178
##	8	0.4626	nan	0.3000	0.0138
##	9	0.4451	nan	0.3000	0.0062
##	10	0.4268	nan	0.3000	0.0059
##	20	0.3779	nan	0.3000	-0.0014
##	40	0.3448	nan	0.3000	-0.0009
##	60	0.3213		0.3000	-0.0003
			nan		
##	80	0.3056	nan	0.3000	-0.0003
##	100	0.2885	nan	0.3000	-0.0006
##	120	0.2757	nan	0.3000	-0.0019
##	140	0.2648	nan	0.3000	-0.0020
##	160	0.2560	nan	0.3000	-0.0021
##	180	0.2447	nan	0.3000	-0.0009
##	200	0.2368	nan	0.3000	-0.0004
##	220	0.2273	nan	0.3000	-0.0011
##	240	0.2162		0.3000	-0.0010
			nan		
##	260	0.2053	nan	0.3000	-0.0016
##	280	0.1980	nan	0.3000	-0.0015
##	300	0.1904	nan	0.3000	-0.0008
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0301	nan	0.3000	0.1602
##	2	0.8444	nan	0.3000	0.0929
##	3				
		0.7339	nan	0.3000	0.0527
##	4	0.6526	nan	0.3000	0.0381
##	5	0.5904	nan	0.3000	0.0298
##	6	0.5320	nan	0.3000	0.0272
##	7	0.4971	nan	0.3000	0.0162
##	8	0.4676	nan	0.3000	0.0132
##	9	0.4447	nan	0.3000	0.0077
##	10	0.4278	nan	0.3000	0.0074
##	20	0.3759	nan	0.3000	-0.0006
##	40	0.3437	nan	0.3000	-0.0004
##	60	0.3245	nan	0.3000	-0.0005
##	80	0.3043	nan	0.3000	-0.0003
##	100	0.2900	nan	0.3000	-0.0011
##	120	0.2782	nan	0.3000	-0.0006
##	140	0.2668	nan	0.3000	-0.0008
##	160	0.2554	nan	0.3000	-0.0020
##	180	0.2470	nan	0.3000	-0.0001
##	200	0.2393	nan	0.3000	-0.0010
##	220	0.2303		0.3000	-0.0011
##			nan		
	240	0.2215	nan	0.3000	-0.0006
##	260	0.2125	nan	0.3000	-0.0012
##	280	0.2050	nan	0.3000	-0.0007
##	300	0.1990	nan	0.3000	-0.0015
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0358	nan	0.3000	0.1675
##	2	0.8480	nan	0.3000	0.0917
##	3	0.7289	nan	0.3000	0.0575
##	4	0.6442	nan	0.3000	0.0374
##	5	0.5711		0.3000	0.0374
			nan		
##	6	0.5228	nan	0.3000	0.0225
##	7	0.4898	nan	0.3000	0.0156
##	8	0.4647	nan	0.3000	0.0111
##	9	0.4498	nan	0.3000	0.0054
##	10	0.4313	nan	0.3000	0.0075
##	20	0.3731	nan	0.3000	0.0004
##	40	0.3432	nan	0.3000	-0.0007
##	60	0.3256	nan	0.3000	-0.0010
	80	0.3134			-0.0010
##			nan	0.3000	
##	100	0.2989	nan	0.3000	-0.0014
##	120	0.2858	nan	0.3000	-0.0014
##	140	0.2764	nan	0.3000	-0.0014
##	160	0.2692	nan	0.3000	-0.0015
##	180	0.2579	nan	0.3000	-0.0024
##	200	0.2496	nan	0.3000	-0.0008
##	220	0.2422	nan	0.3000	-0.0007

##	240	0.2350	nan	0.3000	-0.0014
##	260	0.2291	nan	0.3000	-0.0012
##	280	0.2228	nan	0.3000	-0.0005
##	300	0.2153	nan	0.3000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0118	nan	0.3000	0.1754
##	2	0.8192	nan	0.3000	0.0946
##	3	0.6889	nan	0.3000	0.0610
##	4	0.6031	nan	0.3000	0.0390
##	5	0.5467	nan	0.3000	0.0276
##	6	0.4966	nan	0.3000	0.0238
##	7	0.4683	nan	0.3000	0.0117
##	8	0.4449	nan	0.3000	0.0117
##	9	0.4258	nan	0.3000	0.0078
##	10	0.4122	nan	0.3000	0.0051
##	20	0.3537	nan	0.3000	0.0003
##	40	0.3137	nan	0.3000	-0.0014
##	60	0.2776	nan	0.3000	-0.0005
##	80	0.2546	nan	0.3000	-0.0005
##	100	0.2327	nan	0.3000	-0.0009
##	120	0.2119	nan	0.3000	-0.0011
##	140	0.1937	nan	0.3000	-0.0010
##	160	0.1757	nan	0.3000	-0.0009
##	180	0.1629	nan	0.3000	-0.0011
##	200	0.1513	nan	0.3000	-0.0012
##	220	0.1422	nan	0.3000	-0.0002
##	240	0.1301	nan	0.3000	-0.0003
##	260	0.1233	nan	0.3000	-0.0012
##	280	0.1125	nan	0.3000	-0.0013
##	300	0.1036	nan	0.3000	-0.0007
##	300	0.2000		0.5000	0.000.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0152	nan	0.3000	0.1698
##	2	0.8246	nan	0.3000	0.0941
##	3	0.6876	nan	0.3000	0.0630
##	4	0.5990	nan	0.3000	0.0411
##	5	0.5328	nan	0.3000	0.0324
##	6	0.4903	nan	0.3000	0.0324
##	7	0.4640	nan	0.3000	0.0173
##	8	0.4418	nan	0.3000	0.0079
##	9	0.4280	nan	0.3000	0.0073
##	10	0.4092	nan	0.3000	0.0072
##	20	0.3610		0.3000	0.0072
##	40	0.3204	nan nan	0.3000	-0.0026
##	60	0.2829	nan	0.3000	-0.0025
##	80	0.2585	nan	0.3000	-0.0013
##	100	0.2418	nan	0.3000	-0.0013
##	120	0.2220	nan	0.3000	-0.0014
##	140	0.2067	nan	0.3000	-0.0013
##	160	0.1867	nan	0.3000	-0.0015
##	180	0.1742	nan	0.3000	-0.0003
##	200	0.1612	nan	0.3000	-0.0013
##	220	0.1491	nan	0.3000	-0.0006
##	240	0.1408	nan	0.3000	-0.0009
##	260	0.1317	nan	0.3000	-0.0003
##	280	0.1213	nan	0.3000	-0.0011
##	300	0.1139	nan	0.3000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0053	nan	0.3000	0.1704
##	2	0.8223	nan	0.3000	0.0851
##	3	0.6851	nan	0.3000	0.0662
##	4	0.5865	nan	0.3000	0.0452
##	5	0.5338	nan	0.3000	0.0253
##	6	0.4864	nan	0.3000	0.0197
##	7	0.4523	nan	0.3000	0.0155
##	8	0.4313	nan	0.3000	0.0081
##	9	0.4177	nan	0.3000	0.0049
##	10	0.4055	nan	0.3000	0.0054
##	20	0.3579	nan	0.3000	-0.0005
##	40	0.3202	nan	0.3000	-0.0003
##	60	0.2963	nan	0.3000	-0.0003
##	80	0.2747	nan	0.3000	-0.0012
##	100	0.2496	nan	0.3000	-0.0013
##	120	0.2332	nan	0.3000	-0.0012
##	140	0.2190	nan	0.3000	-0.0009
##	160	0.2078	nan	0.3000	-0.0007
##	180	0.1993	nan	0.3000	-0.0014
"π	100	0.1333	iiuii	3.5000	0.0017

##	200	0.1901	nan	0.3000	-0.0012
##	220	0.1770	nan	0.3000	-0.0017
##	240	0.1697	nan	0.3000	-0.0010
##	260	0.1580	nan	0.3000	-0.0015
##	280	0.1509	nan	0.3000	-0.0008
##	300	0.1420		0.3000	-0.0006
	300	0.1420	nan	0.3000	-0.0000
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0218	nan	0.3000	0.1751
##	2	0.8254	nan	0.3000	0.0954
##	3	0.6910	nan	0.3000	0.0596
##	4	0.6032	nan	0.3000	0.0417
##	5	0.5354	nan	0.3000	0.0315
##	6	0.4982	nan	0.3000	0.0175
##	7	0.4618	nan	0.3000	0.0173
##	8	0.4378		0.3000	0.0095
			nan		
##	9	0.4226	nan	0.3000	0.0049
##	10	0.4082	nan	0.3000	0.0065
##	20	0.3611	nan	0.3000	-0.0017
##	40	0.3222	nan	0.3000	-0.0015
##	60	0.2973	nan	0.3000	-0.0018
##	80	0.2716	nan	0.3000	-0.0013
##	100	0.2518	nan	0.3000	-0.0019
##	120	0.2345	nan	0.3000	-0.0017
##	140	0.2180	nan	0.3000	-0.0015
##					
	160	0.2037	nan	0.3000	-0.0009
##	180	0.1931	nan	0.3000	-0.0012
##	200	0.1786	nan	0.3000	-0.0010
##	220	0.1679	nan	0.3000	-0.0012
##	240	0.1585	nan	0.3000	-0.0008
##	260	0.1496	nan	0.3000	-0.0009
##	280	0.1411	nan	0.3000	-0.0012
##	300	0.1330	nan	0.3000	-0.0020
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0097	nan	0.3000	0.1726
##	2	0.8025	nan	0.3000	0.1002
##	3	0.6703	nan	0.3000	0.0592
##	4	0.5810	nan	0.3000	0.0400
##	5	0.5217	nan	0.3000	0.0273
##	6	0.4810	nan	0.3000	0.0191
##	7	0.4479	nan	0.3000	0.0135
##	8	0.4267	nan	0.3000	0.0084
##	9	0.4112	nan	0.3000	0.0041
##	10	0.3975	nan	0.3000	0.0028
##	20	0.3439	nan	0.3000	-0.0010
##	40	0.2896	nan	0.3000	-0.0033
##	60				-0.0033
		0.2555	nan	0.3000	
##	80	0.2299	nan	0.3000	-0.0011
##	100	0.2056	nan	0.3000	-0.0008
##	120	0.1806	nan	0.3000	-0.0011
##	140	0.1611	nan	0.3000	-0.0005
##	160	0.1418	nan	0.3000	-0.0008
##	180	0.1335	nan	0.3000	-0.0019
##	200	0.1215	nan	0.3000	-0.0010
##	220	0.1063	nan	0.3000	-0.0003
##	240	0.0943	nan	0.3000	-0.0010
##	260	0.0870	nan	0.3000	-0.0007
##	280	0.0787	nan	0.3000	-0.0007
##	300	0.0705		0.3000	-0.0007
	שטכ	0.0703	nan	0.3000	-0.0000
##	T+- ·	Two in Day	Vo1 = 40 - 1 -	C+C:	T
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9998	nan	0.3000	0.1779
##	2	0.7974	nan	0.3000	0.0982
##	3	0.6759	nan	0.3000	0.0576
##	4	0.5891	nan	0.3000	0.0414
##	5	0.5274	nan	0.3000	0.0277
##	6	0.4896	nan	0.3000	0.0123
##	7	0.4571	nan	0.3000	0.0124
##	8	0.4350	nan	0.3000	0.0079
##	9	0.4185		0.3000	0.0054
			nan		
##	10	0.4069	nan	0.3000	0.0033
##	20	0.3541	nan	0.3000	-0.0021
##	40	0.3043	nan	0.3000	-0.0035
##	60	0.2672	nan	0.3000	-0.0006
##	80	0.2327	nan	0.3000	-0.0002
##	100	0.2073	nan	0.3000	-0.0004
##	120	0.1866	nan	0.3000	-0.0012
##	140	0.1679	nan	0.3000	-0.0015

## 160	0.1491	nan	0.3000	-0.0012
## 180	0.1332	nan	0.3000	-0.0006
## 200		nan	0.3000	-0.0005
## 220		nan	0.3000	-0.0015
## 240		nan	0.3000	-0.0012
## 260			0.3000	-0.0012
		nan		
## 280		nan	0.3000	-0.0001
## 300	0.0784	nan	0.3000	-0.0007
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
## 1	1.0026	nan	0.3000	0.1781
## 2	0.7935	nan	0.3000	0.1014
## 3	0.6674	nan	0.3000	0.0601
## 4	0.5811	nan	0.3000	0.0411
## 5		nan	0.3000	0.0290
## 6		nan	0.3000	0.0189
##		nan	0.3000	0.0083
## 8			0.3000	0.0086
		nan		
## 9		nan	0.3000	0.0033
## 10		nan	0.3000	0.0012
## 20		nan	0.3000	-0.0004
## 40		nan	0.3000	-0.0012
## 60		nan	0.3000	-0.0004
## 80		nan	0.3000	-0.0023
## 100	0.2239	nan	0.3000	-0.0022
## 120	0.2046	nan	0.3000	-0.0016
## 140	0.1846	nan	0.3000	-0.0021
## 160		nan	0.3000	-0.0022
## 180		nan	0.3000	-0.0020
## 200		nan	0.3000	-0.0020
## 220		nan	0.3000	-0.0017
## 240		nan	0.3000	-0.0009
## 260		nan	0.3000	-0.0009
## 280		nan	0.3000	-0.0009
## 300	0.0929	nan	0.3000	-0.0006
##				
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	0.9965	nan	0.3000	0.1757
## 2	0.7998	nan	0.3000	0.0959
## 3	0.6647	nan	0.3000	0.0631
## 4	0.5804	nan	0.3000	0.0383
## 5	0.5208	nan	0.3000	0.0274
## 6	0.4818	nan	0.3000	0.0167
##		nan	0.3000	0.0130
## 8		nan	0.3000	0.0088
##		nan	0.3000	0.0044
## 10			0.3000	0.0033
## 20		nan	0.3000	-0.0024
		nan		
## 40		nan	0.3000	-0.0013
## 60		nan	0.3000	-0.0034
## 80		nan	0.3000	-0.0017
## 100		nan	0.3000	-0.0043
## 120		nan	0.3000	-0.0014
## 140		nan	0.3000	-0.0020
## 160	0.1685	nan	0.3000	-0.0002
## 180	0.1557	nan	0.3000	-0.0012
## 200	0.1450	nan	0.3000	-0.0010
## 220		nan	0.3000	-0.0018
## 240		nan	0.3000	-0.0013
## 260		nan	0.3000	-0.0010
## 280		nan	0.3000	-0.0008
## 300		nan	0.3000	-0.0007
## 500	0.0550	iidii	3.3000	510007
## Iter	TrainDeviance	ValidDeviance	StepSize	Improve
			•	•
		nan	0.0100	0.0060
## 2		nan	0.0100	0.0057
## 3		nan	0.0100	0.0057
## 4		nan	0.0100	0.0054
## 5		nan	0.0100	0.0054
## 6		nan	0.0100	0.0052
##	1.2882	nan	0.0100	0.0051
## 8	1.2778	nan	0.0100	0.0049
##		nan	0.0100	0.0049
## 10		nan	0.0100	0.0049
## 20		nan	0.0100	0.0041
## 40		nan	0.0100	0.0029
## 60		nan	0.0100	0.0023
## 80			0.0100	0.0021
## 100		nan nan	0.0100	0.0016
## 100	, 0.7970	nan	0.0100	0.0014

##	120	0.7462	nan	0.0100	0.0011
##	140	0.7044	nan	0.0100	0.0009
##	160	0.6692	nan	0.0100	0.0008
##	180	0.6379	nan	0.0100	0.0006
##	200	0.6112	nan	0.0100	0.0006
##	220	0.5881	nan	0.0100	0.0005
##	240	0.5682	nan	0.0100	0.0005
##	260	0.5502	nan	0.0100	0.0004
##	280	0.5345	nan	0.0100	0.0003
##	300	0.5203	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3537	nan	0.0100	0.0058
##	2	1.3423	nan	0.0100	0.0057
##	3	1.3308	nan	0.0100	0.0057
##	4	1.3201	nan	0.0100	0.0053
##	5	1.3096	nan	0.0100	0.0053
##	6	1.2990	nan	0.0100	0.0051
##	7	1.2885	nan	0.0100	0.0052
##	8	1.2783	nan	0.0100	0.0050
##	9	1.2683	nan	0.0100	0.0049
##	10	1.2584	nan	0.0100	0.0047
##	20	1.1702	nan	0.0100	0.0040
##	40	1.0334	nan	0.0100	0.0029
##	60	0.9338	nan	0.0100	0.0023
##	80	0.8575		0.0100	0.0021
	100		nan		
##	120	0.7963	nan	0.0100	0.0013
##		0.7462	nan	0.0100	0.0010
##	140	0.7039	nan	0.0100	0.0010
##	160	0.6682	nan	0.0100	0.0007
##	180	0.6377	nan	0.0100	0.0006
##	200	0.6106	nan	0.0100	0.0005
##	220	0.5877	nan	0.0100	0.0005
##	240	0.5668	nan	0.0100	0.0004
##	260	0.5492	nan	0.0100	0.0004
##	280	0.5331	nan	0.0100	0.0002
##	300	0.5191	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3538	nan	0.0100	0.0058
##	2	1.3423	nan	0.0100	0.0056
##	3	1.3311	nan	0.0100	0.0057
##	4	1.3201	nan	0.0100	0.0055
##	5	1.3092	nan	0.0100	0.0053
##	6	1.2985	nan	0.0100	0.0052
##	7	1.2881	nan	0.0100	0.0051
##	8	1.2783	nan	0.0100	0.0051
##	9	1.2684	nan	0.0100	0.0049
##	10	1.2585	nan	0.0100	0.0048
##	20	1.1698	nan	0.0100	0.0040
##	40	1.0336	nan	0.0100	0.0028
##	60	0.9345	nan	0.0100	0.0020
##	80	0.8584	nan	0.0100	0.0017
##	100	0.7972	nan	0.0100	0.0013
##	120	0.7464	nan	0.0100	0.0010
##	140	0.7040	nan	0.0100	0.0009
##	160	0.6685	nan	0.0100	0.0008
##	180	0.6382	nan	0.0100	0.0007
##	200	0.6116	nan	0.0100	0.0005
##	220	0.5883	nan	0.0100	0.0005
##	240	0.5677	nan	0.0100	0.0005
##	260	0.5494	nan	0.0100	0.0004
##	280	0.5331	nan	0.0100	0.0004
##	300	0.5191	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3540	nan	0.0100	0.0058
##	2	1.3428	nan	0.0100	0.0055
##	3	1.3318	nan	0.0100	0.0056
##	4	1.3207	nan	0.0100	0.0054
##	5	1.3099	nan	0.0100	0.0054
##	6	1.2995	nan	0.0100	0.0054
##	7	1.2892	nan	0.0100	0.0052
##	8	1.2791	nan	0.0100	0.0050
##	9	1.2692	nan	0.0100	0.0049
##	10	1.2592	nan	0.0100	0.0049
##	20	1.1705	nan	0.0100	0.0040
##	40	1.0334	nan	0.0100	0.0048
##	60	0.9348	nan	0.0100	0.0020
., "	50	0.5540	iidii	0.0100	J. JUZI

##	80	0.8587	nan	0.0100	0.0016
##	100	0.7975	nan	0.0100	0.0013
##	120	0.7469	nan	0.0100	0.0011
##	140	0.7050	nan	0.0100	0.0009
##	160	0.6689	nan	0.0100	0.0008
##	180	0.6385		0.0100	0.0006
			nan		
##	200	0.6120	nan	0.0100	0.0006
##	220	0.5888	nan	0.0100	0.0005
##	240	0.5678	nan	0.0100	0.0005
##	260	0.5501	nan	0.0100	0.0004
##	280	0.5343	nan	0.0100	0.0002
##	300	0.5198	nan	0.0100	0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3522	nan	0.0100	0.0065
##	2	1.3390	nan	0.0100	0.0064
##	3	1.3264	nan	0.0100	0.0061
##	4	1.3141	nan	0.0100	0.0060
	5				
##		1.3024	nan	0.0100	0.0059
##	6	1.2906	nan	0.0100	0.0058
##	7	1.2789	nan	0.0100	0.0055
##	8	1.2676	nan	0.0100	0.0056
##	9	1.2568	nan	0.0100	0.0053
##	10	1.2456	nan	0.0100	0.0054
##	20	1.1467	nan	0.0100	0.0046
##	40	0.9929	nan	0.0100	0.0033
##	60	0.8775	nan	0.0100	0.0023
##	80	0.7893	nan	0.0100	0.0021
##	100	0.7193	nan	0.0100	0.0015
##	120	0.6617	nan	0.0100	0.0015
##	140	0.6142	nan	0.0100	0.0013
##	160	0.5732	nan	0.0100	0.0008
##	180	0.5413	nan	0.0100	0.0007
##	200	0.5125	nan	0.0100	0.0006
##	220	0.4906	nan	0.0100	0.0005
##	240	0.4715	nan	0.0100	0.0004
##	260	0.4555	nan	0.0100	0.0003
##	280	0.4423	nan	0.0100	0.0002
##	300	0.4309	nan	0.0100	0.0002
##					
##	- .				
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	Iter 1	TrainDeviance 1.3522	ValidDeviance nan	StepSize 0.0100	Improve 0.0064
##	1	1.3522	nan	0.0100	0.0064
## ##	1 2	1.3522 1.3398	nan nan	0.0100 0.0100	0.0064 0.0061
## ## ##	1 2 3	1.3522 1.3398 1.3272	nan nan nan	0.0100 0.0100 0.0100	0.0064 0.0061 0.0062
## ## ## ##	1 2 3 4	1.3522 1.3398 1.3272 1.3153	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0064 0.0061 0.0062 0.0058
## ## ## ##	1 2 3 4 5	1.3522 1.3398 1.3272 1.3153 1.3029	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059
## ## ## ## ##	1 2 3 4 5 6	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059
## ## ## ## ##	1 2 3 4 5 6 7	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0056
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0056 0.0054
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576	nan nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0056 0.0054
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0056 0.0054 0.0054
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0056 0.0054 0.0054 0.0054
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0046
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0046 0.0033 0.0024
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0046
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0046 0.0033 0.0024
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0046 0.0033 0.0024 0.0019
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0046 0.0033 0.0024 0.0019
## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0046 0.0033 0.0024 0.0019 0.0018
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0033 0.0024 0.0019 0.0018 0.0012 0.0011
## ### ## ## ### ## ## ### ### ########	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397	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	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005
######################################	1 2 3 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 220 240 260 260 260 260 260 260 260 260 260 26	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005
######################################	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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0003
######################################	1 2 3 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 220 240 260 260 260 260 260 260 260 260 260 26	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005
######################################	1 2 3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180 200 240 260 240 260 260 270 280 280 280 280 280 280 280 280 280 28	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0003 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 Signa Signa Sig	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0003 0.0003 0.0001 Improve 0.0065
######################################	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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0003 0.0003 0.0001 Improve 0.0065
######################################	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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance 1.3525 1.3396	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0003 0.0003 0.0001 Improve 0.0065 0.0062
######################################	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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance 1.3525 1.3396 1.3271	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0005 0.0001 Improve 0.0065 0.0062 0.0063
######################################	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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance 1.3525 1.3396 1.3271 1.3150	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0005 0.0001 Improve 0.0065 0.0062 0.0063 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 5	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance 1.3525 1.3396 1.3271 1.3150 1.3028	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0005 0.0001 Improve 0.0065 0.0062 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 5 6	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance 1.3525 1.3396 1.3271 1.3150 1.3028 1.2908	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0001 Improve 0.0065 0.0062 0.0063 0.0061 0.0067 0.0057
#######################################	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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance 1.3525 1.3396 1.3271 1.3150 1.3028 1.2908 1.2795	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0001 Improve 0.0065 0.0062 0.0063 0.0061 0.0061
#######################################	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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance 1.3525 1.3396 1.3271 1.3150 1.3028 1.2908 1.2795 1.2682 1.2575	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0006 0.0005 0.0005 0.0006 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005
#######################################	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	1.3522 1.3398 1.3272 1.3153 1.3029 1.2912 1.2796 1.2684 1.2576 1.2465 1.1469 0.9926 0.8766 0.7899 0.7213 0.6628 0.6146 0.5732 0.5397 0.5128 0.4892 0.4699 0.4538 0.4411 0.4296 TrainDeviance 1.3525 1.3396 1.3271 1.3150 1.3028 1.2908 1.2795 1.2682	nan	0.0100 0.0100	0.0064 0.0061 0.0062 0.0058 0.0059 0.0058 0.0056 0.0054 0.0054 0.0054 0.0054 0.0019 0.0018 0.0012 0.0011 0.0009 0.0006 0.0005

##	40	0.9931	nan	0.0100	0.0034
##	60	0.8792	nan	0.0100	0.0024
##	80	0.7931	nan	0.0100	0.0019
##	100	0.7220	nan	0.0100	0.0015
##	120	0.6650	nan	0.0100	0.0012
##	140	0.6163		0.0100	0.0012
			nan		
##	160	0.5749	nan	0.0100	0.0010
##	180	0.5413	nan	0.0100	0.0007
##	200	0.5143	nan	0.0100	0.0007
##	220	0.4916	nan	0.0100	0.0005
##	240	0.4720	nan	0.0100	0.0004
##	260	0.4556	nan	0.0100	0.0003
##	280	0.4421	nan	0.0100	0.0002
##	300	0.4308	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3522	nan	0.0100	0.0065
##	2	1.3395		0.0100	0.0063
	3		nan		
##		1.3269	nan	0.0100	0.0062
##	4	1.3142	nan	0.0100	0.0062
##	5	1.3018	nan	0.0100	0.0060
##	6	1.2899	nan	0.0100	0.0058
##	7	1.2783	nan	0.0100	0.0057
##	8	1.2670	nan	0.0100	0.0055
##	9	1.2563	nan	0.0100	0.0053
##	10	1.2451	nan	0.0100	0.0055
##	20	1.1463	nan	0.0100	0.0046
##	40	0.9909	nan	0.0100	0.0032
##	60	0.8765	nan	0.0100	0.0032
##	80	0.7889	nan	0.0100	0.0024
##	100	0.7194	nan	0.0100	0.0014
##	120	0.6622	nan	0.0100	0.0012
##	140	0.6121	nan	0.0100	0.0011
##	160	0.5736	nan	0.0100	0.0007
##	180	0.5394	nan	0.0100	0.0007
##	200	0.5118	nan	0.0100	0.0006
##	220	0.4881	nan	0.0100	0.0004
##	240	0.4699	nan	0.0100	0.0003
##	260	0.4546	nan	0.0100	0.0003
##	280	0.4418	nan	0.0100	0.0002
##	300	0.4308	nan	0.0100	0.0002
##	300	0.4500	nan	0.0100	0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##		1.3516			
	1 2		nan	0.0100	0.0067
##					
##		1.3385	nan	0.0100	0.0065
	3	1.3257	nan	0.0100	0.0064
##	3 4	1.3257 1.3128		0.0100 0.0100	0.0064 0.0064
##	3 4 5	1.3257 1.3128 1.3001	nan	0.0100 0.0100 0.0100	0.0064 0.0064 0.0061
	3 4	1.3257 1.3128	nan nan	0.0100 0.0100	0.0064 0.0064
##	3 4 5	1.3257 1.3128 1.3001	nan nan nan	0.0100 0.0100 0.0100	0.0064 0.0064 0.0061
##	3 4 5 6	1.3257 1.3128 1.3001 1.2881	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0064 0.0064 0.0061 0.0060
## ## ##	3 4 5 6 7	1.3257 1.3128 1.3001 1.2881 1.2759	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0060
## ## ## ##	3 4 5 6 7 8	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0060 0.0058
## ## ## ##	3 4 5 6 7 8 9	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0060 0.0058 0.0058
## ## ## ## ##	3 4 5 6 7 8 9	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0060 0.0058 0.0058
## ## ## ## ##	3 4 5 6 7 8 9 10 20	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352	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	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048
## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496	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	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026
## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569	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	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020
## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839	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	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020
## ## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80 100	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242	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	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015
## ## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750	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	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0013
## ## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370	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	0.0064 0.0064 0.0060 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0013 0.0012
## ## ## ## ## ## ## ## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049	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	0.0064 0.0064 0.0060 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007
## ## ## ## ## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803	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	0.0064 0.0061 0.0060 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0005
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600	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	0.0064 0.0061 0.0060 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005
## ### ### ### ### ### ###############	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427	nan	0.0100 0.0100	0.0064 0.0061 0.0060 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0003
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600	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	0.0064 0.0061 0.0060 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005
## ### ### ### ### ### ###############	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427	nan	0.0100 0.0100	0.0064 0.0061 0.0060 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0003
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0003 0.0002
######################################	3 4 4 5 6 6 7 7 8 9 9 10 20 40 60 120 140 160 180 220 240 260 280	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0003 0.0002 0.0002
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 240 260 280 300	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0034 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0003 0.0002 0.0002
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0034 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0003 0.0002 0.0002
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0015 0.0012 0.0007 0.0005 0.0005 0.0005 0.0002 0.0002 0.0002 0.0001
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518 1.3382	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005
######################################	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	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518 1.3382 1.3253	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0034 0.0026 0.0020 0.0015 0.0015 0.0012 0.0007 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005
######################################	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	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518 1.3382 1.3253 1.3127	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0034 0.0026 0.0020 0.0015 0.0015 0.0012 0.0007 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0006 0.0006 0.0006 0.0066 0.0066
######################################	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	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518 1.3382 1.3253 1.3127 1.3004	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005
######################################	3 4 5 6 6 7 8 9 100 200 400 600 800 1200 1400 2200 2400 2600 2800 3000 Iter 1 2 3 3 4 5 6 6	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518 1.3382 1.3253 1.3127 1.3004 1.2877	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0006 0.0061 0.0061
######################################	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	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518 1.3382 1.3253 1.3127 1.3004 1.2877 1.2755	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0005 0.0002 0.0001 Improve 0.0067 0.0067 0.0063 0.0061 0.0060
######################################	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	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518 1.3382 1.3253 1.3127 1.3004 1.2877 1.2755 1.2636	nan	0.0100 0.0100	0.0064 0.0064 0.0060 0.0060 0.0058 0.0058 0.0058 0.0048 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0005 0.0002 0.0001 Improve 0.0067 0.0067 0.0063 0.0061 0.0060 0.0058
######################################	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	1.3257 1.3128 1.3001 1.2881 1.2759 1.2642 1.2525 1.2408 1.1352 0.9712 0.8496 0.7569 0.6839 0.6242 0.5750 0.5370 0.5049 0.4803 0.4600 0.4427 0.4290 0.4176 0.4082 TrainDeviance 1.3518 1.3382 1.3253 1.3127 1.3004 1.2877 1.2755	nan	0.0100 0.0100	0.0064 0.0064 0.0061 0.0060 0.0058 0.0058 0.0058 0.0048 0.0026 0.0020 0.0015 0.0013 0.0012 0.0007 0.0007 0.0005 0.0005 0.0005 0.0002 0.0001 Improve 0.0067 0.0067 0.0063 0.0061 0.0060

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##	10	1.2404	nan	0.0100	0.0056
##	20	1.1354	nan	0.0100	0.0046
##	40	0.9701	nan	0.0100	0.0033
##	60	0.8475	nan	0.0100	0.0033
##	80	0.7546	nan	0.0100	0.0020
##	100	0.6809	nan	0.0100	0.0016
##	120	0.6226	nan	0.0100	0.0012
##	140	0.5766	nan	0.0100	0.0008
##	160	0.5373	nan	0.0100	0.0009
##	180	0.5053	nan	0.0100	0.0007
##	200	0.4794	nan	0.0100	0.0004
##	220	0.4586	nan	0.0100	0.0005
##	240	0.4419		0.0100	
			nan		0.0003
##	260	0.4289	nan	0.0100	0.0002
##	280	0.4173	nan	0.0100	0.0002
##	300	0.4082	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3518	nan	0.0100	0.0068
##	2	1.3386	nan	0.0100	0.0066
##	3	1.3255	nan	0.0100	0.0065
##	4	1.3123			
			nan	0.0100	0.0065
##	5	1.2996	nan	0.0100	0.0060
##	6	1.2871	nan	0.0100	0.0061
##	7	1.2751	nan	0.0100	0.0060
##	8	1.2633	nan	0.0100	0.0058
##	9	1.2521	nan	0.0100	0.0055
##	10	1.2403	nan	0.0100	0.0060
##	20	1.1354	nan	0.0100	0.0047
##	40	0.9714	nan	0.0100	0.0047
##	60	0.8481	nan	0.0100	0.0026
##	80	0.7554	nan	0.0100	0.0020
##	100	0.6829	nan	0.0100	0.0016
##	120	0.6245	nan	0.0100	0.0011
##	140	0.5766	nan	0.0100	0.0009
##	160	0.5378	nan	0.0100	0.0007
##	180	0.5061	nan	0.0100	0.0007
##	200	0.4807		0.0100	0.0004
			nan		
##	220	0.4589	nan	0.0100	0.0003
##	240	0.4412	nan	0.0100	0.0003
##	260	0.4282	nan	0.0100	0.0002
##	280	0.4172	nan	0.0100	0.0002
##	300	0.4077	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##					
""	1	1 3517		0 0100	0 0068
##	1	1.3517	nan	0.0100	0.0068
##	2	1.3384	nan nan	0.0100	0.0065
##	2	1.3384 1.3251	nan nan nan	0.0100 0.0100	0.0065 0.0067
## ##	2 3 4	1.3384 1.3251 1.3123	nan nan nan nan	0.0100 0.0100 0.0100	0.0065 0.0067 0.0062
## ## ##	2 3 4 5	1.3384 1.3251 1.3123 1.2999	nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0065 0.0067 0.0062 0.0062
## ## ## ##	2 3 4 5 6	1.3384 1.3251 1.3123 1.2999 1.2876	nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061
## ## ## ##	2 3 4 5 6 7	1.3384 1.3251 1.3123 1.2999	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0065 0.0067 0.0062 0.0062
## ## ## ##	2 3 4 5 6	1.3384 1.3251 1.3123 1.2999 1.2876	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061
## ## ## ##	2 3 4 5 6 7	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059
## ## ## ## ##	2 3 4 5 6 7 8	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755	nan nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060
## ## ## ## ##	2 3 4 5 6 7 8 9	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397	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	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342	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	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464	nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019
## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205	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	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019
## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205	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	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013
## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013
## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008
## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004
## ## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004
## ## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428	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	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004 0.0004 0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0010 0.0008 0.0005 0.0004 0.0004 0.0004 0.0003 0.0002
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0010 0.0008 0.0005 0.0004 0.0004 0.0004 0.0003 0.0002
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0010 0.0008 0.0005 0.0004 0.0004 0.0004 0.0003 0.0002
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0010 0.0008 0.0005 0.0004 0.0004 0.0004 0.0003 0.0002
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0010 0.0008 0.0005 0.0004 0.0004 0.0004 0.0003 0.0002
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181 0.4085	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0010 0.0008 0.0005 0.0004 0.0004 0.0004 0.0003 0.0002 0.0001
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181 0.4085	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004 0.0004 0.0004 0.0003 0.0002 0.0002
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181 0.4085 TrainDeviance 1.3511 1.3370	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0004 0.0004 0.0004 0.0003 0.0002 0.0002 0.0001 Improve 0.0072 0.0067
######################################	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	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181 0.4085 TrainDeviance 1.3511 1.3370 1.3230	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004 0.0004 0.0003 0.0002 0.0002 0.0001 Improve 0.0072 0.0067 0.0068
######################################	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	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181 0.4085 TrainDeviance 1.3511 1.3370 1.3230 1.3097	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004 0.0003 0.0002 0.0002 0.0002 0.0001 Improve 0.0072 0.0067 0.0068 0.0064
######################################	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	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181 0.4085 TrainDeviance 1.3511 1.3370 1.3230 1.3097 1.2964	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004 0.0003 0.0002 0.0002 0.0002 0.0001 Improve 0.0072 0.0067 0.0068 0.0064 0.0065
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 200 220 240 260 280 300 Iter 1 2 3 4 5 6	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181 0.4085 TrainDeviance 1.3511 1.3370 1.3230 1.3097 1.2964 1.2834	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004 0.0003 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0002 0.0005 0.0065 0.0065
######################################	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	1.3384 1.3251 1.3123 1.2999 1.2876 1.2755 1.2631 1.2515 1.2397 1.1342 0.9688 0.8464 0.7531 0.6795 0.6205 0.5733 0.5355 0.5045 0.4798 0.4592 0.4428 0.4295 0.4181 0.4085 TrainDeviance 1.3511 1.3370 1.3230 1.3097 1.2964	nan	0.0100 0.0100	0.0065 0.0067 0.0062 0.0062 0.0061 0.0059 0.0060 0.0057 0.0057 0.0047 0.0034 0.0026 0.0019 0.0015 0.0013 0.0010 0.0008 0.0005 0.0004 0.0003 0.0002 0.0002 0.0002 0.0001 Improve 0.0072 0.0067 0.0068 0.0064 0.0065

##	8	1.2585	nan	0.0100	0.0061
##	9	1.2463	nan	0.0100	0.0059
##	10	1.2344	nan	0.0100	0.0058
##	20	1.1252		0.0100	0.0050
			nan		
##	40	0.9546	nan	0.0100	0.0035
##	60	0.8308	nan	0.0100	0.0026
##	80	0.7351	nan	0.0100	0.0021
##	100	0.6602	nan	0.0100	0.0016
##	120	0.6018	nan	0.0100	0.0012
##	140	0.5558	nan	0.0100	0.0011
##	160	0.5183	nan	0.0100	0.0008
##	180	0.4885	nan	0.0100	0.0006
##	200	0.4646	nan	0.0100	0.0005
##	220	0.4449	nan	0.0100	0.0003
##	240	0.4287	nan	0.0100	0.0004
##	260	0.4145	nan	0.0100	0.0003
##	280	0.4031	nan	0.0100	0.0002
##	300	0.3937	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515		0.0100	0.0068
			nan		
##	2	1.3372	nan	0.0100	0.0069
##	3	1.3235	nan	0.0100	0.0068
##	4	1.3102	nan	0.0100	0.0066
##	5	1.2970	nan	0.0100	0.0065
##	6	1.2840	nan	0.0100	0.0065
##	7	1.2716	nan	0.0100	0.0060
##	8	1.2597	nan	0.0100	0.0057
	9	1.2476			
##			nan	0.0100	0.0058
##	10	1.2355	nan	0.0100	0.0058
##	20	1.1268	nan	0.0100	0.0048
##	40	0.9557	nan	0.0100	0.0036
##	60	0.8302	nan	0.0100	0.0025
##	80	0.7339	nan	0.0100	0.0020
##	100	0.6587	nan	0.0100	0.0017
##	120	0.6007		0.0100	0.0017
			nan		
##	140	0.5554	nan	0.0100	0.0009
##	160	0.5194	nan	0.0100	0.0008
##	180	0.4897	nan	0.0100	0.0006
##	200	0.4654	nan	0.0100	0.0004
##	220	0.4455	nan	0.0100	0.0003
##	240	0.4288	nan	0.0100	0.0002
##	260	0.4158	nan	0.0100	0.0002
##	280	0.4039	nan	0.0100	0.0001
##	300	0.3943		0.0100	
	300	0.3943	nan	0.0100	0.0002
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3512	nan	0.0100	0.0071
##	2	1.3373	nan	0.0100	0.0068
##	3	1.3238	nan	0.0100	0.0067
##	4	1.3105	nan	0.0100	0.0064
##	5	1.2974	nan	0.0100	0.0065
##	6	1.2846	nan	0.0100	0.0062
##	7	1.2719		0.0100	0.0063
			nan		
##	8	1.2593	nan	0.0100	0.0063
##	9	1.2471	nan	0.0100	0.0059
##	10	1.2349	nan	0.0100	0.0059
##	20	1.1256	nan	0.0100	0.0049
##	40	0.9557	nan	0.0100	0.0036
##	60	0.8301	nan	0.0100	0.0025
##	80	0.7342	nan	0.0100	0.0021
##	100	0.6604	nan	0.0100	0.0015
##	120	0.6022	nan	0.0100	0.0013
##	140	0.5569	nan	0.0100	0.0008
##	160	0.5193	nan	0.0100	0.0007
##	180	0.4892	nan	0.0100	0.0006
##	200	0.4650	nan	0.0100	0.0005
##	220	0.4449	nan	0.0100	0.0003
##	240	0.4293	nan	0.0100	0.0003
##	260	0.4161	nan	0.0100	0.0002
##	280	0.4051	nan	0.0100	0.0002
		0.3954			
##	300	ช.3954	nan	0.0100	0.0001
##	T .	T	W. 1 : 15 · ·	61. 61	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3513	nan	0.0100	0.0069
##	2	1.3374	nan	0.0100	0.0068
##	_	1.3236	nan	0.0100	0.0068
" "	3	1.3230			0.0000
##	4	1.3103		0.0100	0.0064
			nan nan		

##	6	1.2842	nan	0.0100	0.0063
##	7	1.2713	nan	0.0100	0.0063
##	8	1.2590	nan	0.0100	0.0061
##	9	1.2469	nan	0.0100	0.0059
##	10	1.2349	nan	0.0100	0.0059
##	20	1.1272		0.0100	0.0049
			nan		
##	40	0.9579	nan	0.0100	0.0036
##	60	0.8326	nan	0.0100	0.0027
##	80	0.7364	nan	0.0100	0.0019
##	100	0.6617	nan	0.0100	0.0016
##	120	0.6022	nan	0.0100	0.0012
##	140	0.5556	nan	0.0100	0.0011
##	160	0.5184	nan	0.0100	0.0008
##	180	0.4883	nan	0.0100	0.0006
##	200	0.4645	nan	0.0100	0.0005
##	220	0.4441	nan	0.0100	0.0003
##	240	0.4285	nan	0.0100	0.0002
##	260	0.4159	nan	0.0100	0.0002
##	280	0.4056	nan	0.0100	0.0002
##	300	0.3958	nan	0.0100	0.0001
##	500	0.5550		0.0200	0.0001
##	Iter	TrainDeviance	ValidDoviance	C+onCizo	Tmnrovo
			ValidDeviance	StepSize	Improve
##	1	1.2549	nan	0.1000	0.0548
##	2	1.1647	nan	0.1000	0.0454
##	3	1.0902	nan	0.1000	0.0374
##	4	1.0263	nan	0.1000	0.0316
##	5	0.9710	nan	0.1000	0.0264
##	6	0.9246	nan	0.1000	0.0224
##	7	0.8853	nan	0.1000	0.0196
##	8	0.8493	nan	0.1000	0.0175
##	9	0.8174	nan	0.1000	0.0153
##	10	0.7876	nan	0.1000	0.0141
##	20	0.6046	nan	0.1000	0.0069
##	40	0.4654	nan	0.1000	0.0019
##	60	0.4092	nan	0.1000	0.0010
##	80	0.3849	nan	0.1000	0.0001
##	100	0.3713	nan	0.1000	-0.0001
##	120	0.3622	nan	0.1000	-0.0001
##	140	0.3573	nan	0.1000	0.0000
##	160	0.3522	nan	0.1000	-0.0000
##	180	0.3476	nan	0.1000	-0.0002
##	200	0.3434	nan	0.1000	-0.0003
##	220	0.3402	nan	0.1000	-0.0004
##	240	0.3377	nan	0.1000	-0.0002
##	260	0.3353	nan	0.1000	0.0002
		0.3325			
##	280		nan	0.1000	-0.0001
##	300	0.3302	nan	0.1000	-0.0008
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2526	nan	0.1000	0.0558
##	2	1.1614	nan	0.1000	0.0450
##	3	1.0862	nan	0.1000	0.0369
##	4	1.0230	nan	0.1000	0.0311
##	5	0.9689	nan	0.1000	0.0266
##	6	0.9252		0.1000	
			nan		0.0221
##	7	0.8848	nan	0.1000	0.0190
##	8	0.8478	nan	0.1000	0.0174
##	9	0.8179	nan	0.1000	0.0140
##	10	0.7898	nan	0.1000	0.0133
##	20	0.6037	nan	0.1000	0.0057
##	40	0.4635	nan	0.1000	0.0010
##	60	0.4076	nan	0.1000	0.0007
	80				
##		0.3836	nan	0.1000	0.0002
##	100	0.3680	nan	0.1000	-0.0001
##	120	0.3595	nan	0.1000	-0.0002
##	140	0.3531	nan	0.1000	-0.0000
##	160	0.3489	nan	0.1000	-0.0005
##	180	0.3445	nan	0.1000	-0.0000
##	200	0.3418	nan	0.1000	-0.0001
##	220	0.3390		0.1000	-0.0001
			nan		
##	240	0.3363	nan	0.1000	-0.0003
##	260	0.3337	nan	0.1000	-0.0003
##	280	0.3315	nan	0.1000	-0.0000
##	300	0.3298	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2513	nan	0.1000	0.0550
##	2	1.1602		0.1000	0.0350
		1.1602	nan		0.0451
		i M×//	nan	0.1000	m m / / /
##	3	1.0027			0.0373

##	4	1.0186	nan	0.1000	0.0308
##	5	0.9640	nan	0.1000	0.0261
##	6	0.9212	nan	0.1000	0.0219
##	7	0.8818	nan	0.1000	0.0188
##	8	0.8452		0.1000	0.0172
			nan		
##	9	0.8141	nan	0.1000	0.0148
##	10	0.7860	nan	0.1000	0.0139
##	20	0.6065	nan	0.1000	0.0057
##	40	0.4618	nan	0.1000	0.0013
##	60	0.4096	nan	0.1000	0.0012
##	80	0.3854	nan	0.1000	0.0006
##	100	0.3702	nan	0.1000	0.0001
##	120	0.3613	nan	0.1000	-0.0002
##	140	0.3555		0.1000	-0.0002
			nan		
##	160	0.3504	nan	0.1000	-0.0003
##	180	0.3464	nan	0.1000	-0.0003
##	200	0.3422	nan	0.1000	0.0001
##	220	0.3392	nan	0.1000	-0.0000
##	240	0.3374	nan	0.1000	-0.0005
##	260	0.3339	nan	0.1000	0.0001
##	280	0.3315	nan	0.1000	-0.0003
##	300	0.3295	nan	0.1000	-0.0003
##	500	0.3233	nan	0.1000	0.0005
##	Ttor	TrainDeviance	ValidDeviance	Stansiza	Tmprovo
	Iter			StepSize	Improve
##	1	1.2521	nan	0.1000	0.0554
##	2	1.1638	nan	0.1000	0.0453
##	3	1.0883	nan	0.1000	0.0370
##	4	1.0249	nan	0.1000	0.0311
##	5	0.9724	nan	0.1000	0.0258
##	6	0.9242	nan	0.1000	0.0230
##	7	0.8846	nan	0.1000	0.0186
##	8	0.8473		0.1000	0.0177
	9		nan		
##		0.8155	nan	0.1000	0.0151
##	10	0.7847	nan	0.1000	0.0141
##	20	0.6025	nan	0.1000	0.0067
##	40	0.4620	nan	0.1000	0.0017
##	60	0.4102	nan	0.1000	0.0011
##	80	0.3849	nan	0.1000	0.0007
##	100	0.3700	nan	0.1000	0.0001
##	120	0.3615	nan	0.1000	-0.0004
##	140	0.3557		0.1000	-0.0003
##		0.3506	nan	0.1000	
	160		nan		-0.0003
##	180	0.3469	nan	0.1000	-0.0004
##	200	0.3436	nan	0.1000	-0.0005
##	220	0.3407	nan	0.1000	-0.0005
##	240	0.3382	nan	0.1000	-0.0002
##	260	0.3353	nan	0.1000	-0.0001
##	280	0.3332	nan	0.1000	-0.0004
##	300	0.3311	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1			•	0.0606
	2	1.2426	nan	0.1000	
##		1.1405	nan	0.1000	0.0492
##	3	1.0521	nan	0.1000	0.0427
##	4	0.9820	nan	0.1000	0.0354
##	5	0.9225	nan	0.1000	0.0289
##	6	0.8672	nan	0.1000	0.0275
##	7	0.8231	nan	0.1000	0.0220
##	8	0.7836	nan	0.1000	0.0203
##	9	0.7462	nan	0.1000	0.0177
##	10	0.7130	nan	0.1000	0.0164
##	20	0.5071	nan	0.1000	0.0058
##	40	0.3921			
			nan	0.1000	0.0012
##	60	0.3645	nan	0.1000	-0.0000
##	80	0.3485	nan	0.1000	-0.0001
##	100	0.3384	nan	0.1000	-0.0003
##	120	0.3277	nan	0.1000	-0.0004
##	140	0.3183	nan	0.1000	-0.0003
##	160	0.3100	nan	0.1000	-0.0001
##	180	0.3021	nan	0.1000	-0.0003
##	200	0.2944	nan	0.1000	-0.0003
##	220	0.2879	nan	0.1000	-0.0004
##					
	240	0.2815	nan	0.1000	-0.0004
##	260	0.2761	nan	0.1000	-0.0001
##	280	0.2713	nan	0.1000	-0.0003
##	300	0.2666	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2437	nan	0.1000	0.0605
I					

##	2	1.1395	nan	0.1000	0.0517
##	3	1.0543	nan	0.1000	0.0424
##	4	0.9845	nan	0.1000	0.0346
##	5	0.9239	nan	0.1000	0.0301
##	6	0.8704	nan	0.1000	0.0251
##	7	0.8231	nan	0.1000	0.0228
##	8	0.7827	nan	0.1000	0.0223
##	9	0.7466		0.1000	0.0203
	10		nan		
##		0.7133	nan	0.1000	0.0156
##	20	0.5140	nan	0.1000	0.0047
##	40	0.3957	nan	0.1000	0.0015
##	60	0.3685	nan	0.1000	0.0000
##	80	0.3510	nan	0.1000	-0.0005
##	100	0.3401	nan	0.1000	0.0002
##	120	0.3282	nan	0.1000	-0.0005
##	140	0.3196	nan	0.1000	-0.0006
##	160	0.3106	nan	0.1000	0.0000
##	180	0.3047	nan	0.1000	-0.0003
##	200	0.2989	nan	0.1000	-0.0004
##	220	0.2934	nan	0.1000	-0.0003
##	240	0.2881	nan	0.1000	-0.0002
##	260	0.2826	nan	0.1000	-0.0004
##	280	0.2758	nan	0.1000	-0.0004
##	300	0.2719	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2463	nan	0.1000	0.0588
##	2	1.1486	nan	0.1000	0.0488
##	3	1.0629	nan	0.1000	0.0433
##	4	0.9888	nan	0.1000	0.0433
##	5	0.9259	nan	0.1000	0.0301
##	6	0.8720		0.1000	0.0312
##	7	0.8248	nan	0.1000	0.0204
			nan		
##	8	0.7827	nan	0.1000	0.0201
##	9	0.7440	nan	0.1000	0.0186
##	10	0.7131	nan	0.1000	0.0154
##	20	0.5114	nan	0.1000	0.0064
##	40	0.3918	nan	0.1000	0.0012
##	60	0.3594	nan	0.1000	0.0000
##	80	0.3466	nan	0.1000	0.0000
##	100	0.3355	nan	0.1000	-0.0002
##	120	0.3262	nan	0.1000	-0.0001
##	140	0.3186	nan	0.1000	-0.0002
##	160	0.3107	nan	0.1000	-0.0004
##	180	0.3041	nan	0.1000	-0.0001
##	200	0.2987	nan	0.1000	-0.0006
##	220	0.2925	nan	0.1000	-0.0001
##	240	0.2866	nan	0.1000	-0.0002
##	260	0.2814	nan	0.1000	-0.0002
##	280	0.2767	nan	0.1000	-0.0002
##	300	0.2726	nan	0.1000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2384	nan	0.1000	0.0619
##	2	1.1374	nan	0.1000	0.0485
##	3	1.0493	nan	0.1000	0.0425
##	4	0.9765	nan	0.1000	0.0362
##	5	0.9168	nan	0.1000	0.0298
##	6	0.8644	nan	0.1000	0.0255
##	7	0.8193	nan	0.1000	0.0233
##	8	0.7798	nan	0.1000	0.0213
##	9	0.7454		0.1000	0.0163
	10		nan		
##		0.7126	nan	0.1000	0.0154
##	20	0.5105	nan	0.1000	0.0060
##	40	0.3945	nan	0.1000	0.0010
##	60	0.3657	nan	0.1000	0.0000
##	80	0.3502	nan	0.1000	-0.0004
##	100	0.3387	nan	0.1000	-0.0002
##	120	0.3291	nan	0.1000	-0.0008
##	140	0.3212	nan	0.1000	-0.0001
##	160	0.3130	nan	0.1000	-0.0002
##	180	0.3046	nan	0.1000	-0.0001
##	200	0.2975	nan	0.1000	-0.0002
##	220	0.2939	nan	0.1000	-0.0008
##	240	0.2887	nan	0.1000	-0.0004
##	260	0.2821	nan	0.1000	-0.0008
##	280	0.2777	nan	0.1000	-0.0001
##	300	0.2733	nan	0.1000	-0.0004
##					

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	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2361	nan	0.1000	0.0647
##	2	1.1315	nan	0.1000	0.0520
##	3	1.0379	nan	0.1000	0.0458
##	4 5	0.9620	nan	0.1000	0.0366
##	6	0.8962	nan	0.1000	0.0321
##	7	0.8391	nan	0.1000	0.0280
##	8	0.7891 0.7468	nan nan	0.1000 0.1000	0.0240 0.0203
##	9	0.7097	nan	0.1000	0.0203
##	10	0.6795	nan	0.1000	0.0179
##	20	0.4809	nan	0.1000	0.0138
##	40	0.3750	nan	0.1000	-0.0003
##	60	0.3443	nan	0.1000	-0.0003
##	80	0.3221	nan	0.1000	-0.0001
##	100	0.3065	nan	0.1000	-0.0004
##	120	0.2926	nan	0.1000	-0.0003
##	140	0.2787	nan	0.1000	-0.0003
##	160	0.2701	nan	0.1000	-0.0005
##	180	0.2606	nan	0.1000	-0.0003
##	200	0.2500	nan	0.1000	-0.0002
##	220	0.2409	nan	0.1000	-0.0002
##	240	0.2332	nan	0.1000	-0.0002
##	260	0.2250	nan	0.1000	-0.0005
##	280	0.2185	nan	0.1000	-0.0005
##	300	0.2121	nan	0.1000	-0.0002
##	300	0.2121	nan	0.1000	0.0002
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2343	nan	0.1000	0.0642
##	2	1.1272	nan	0.1000	0.0528
##	3	1.0375	nan	0.1000	0.0432
##	4	0.9636	nan	0.1000	0.0365
##	5	0.8997	nan	0.1000	0.0307
##	6	0.8425	nan	0.1000	0.0272
##	7	0.7931	nan	0.1000	0.0232
##	8	0.7526	nan	0.1000	0.0195
##	9	0.7132	nan	0.1000	0.0175
##	10	0.6815	nan	0.1000	0.0156
##	20	0.4815	nan	0.1000	0.0051
##	40	0.3790	nan	0.1000	0.0008
##	60	0.3429	nan	0.1000	0.0001
##	80	0.3249	nan	0.1000	-0.0001
##	100	0.3064	nan	0.1000	-0.0002
##	120	0.2958	nan	0.1000	-0.0000
##	140	0.2851	nan	0.1000	-0.0002
##	160	0.2759	nan	0.1000	-0.0002
##	180	0.2674	nan	0.1000	-0.0001
##	200	0.2586	nan	0.1000	-0.0006
##	220	0.2503	nan	0.1000	-0.0004
##	240	0.2429	nan	0.1000	-0.0005
##	260	0.2362	nan	0.1000	-0.0005
##	280	0.2291	nan	0.1000	-0.0002
##	300	0.2229	nan	0.1000	-0.0001
##	- .			6. 6.	_
##	Iter 1	TrainDeviance 1.2378	ValidDeviance	StepSize 0.1000	Improve 0.0616
##	2		nan		
##	3	1.1320 1.0426	nan nan	0.1000 0.1000	0.0517 0.0442
##	4	0.9660	nan	0.1000	0.0442
##	5	0.8997	nan	0.1000	0.0372
##	6	0.8430	nan	0.1000	0.0327
##	7	0.7916	nan	0.1000	0.0236
##	8	0.7469	nan	0.1000	0.0236
##	9	0.7066	nan	0.1000	0.0190
##	10	0.6727	nan	0.1000	0.0161
##	20	0.4737	nan	0.1000	0.0053
##	40	0.3781	nan	0.1000	0.0004
##	60	0.3518	nan	0.1000	-0.0000
##	80	0.3320	nan	0.1000	0.0000
##	100	0.3172	nan	0.1000	-0.0000
##	120	0.3067	nan	0.1000	-0.0005
##	140	0.2950	nan	0.1000	-0.0005
##	160	0.2832	nan	0.1000	-0.0001
##	180	0.2751	nan	0.1000	-0.0004
##	200	0.2654	nan	0.1000	-0.0006
##	220	0.2579	nan	0.1000	-0.0004
##	240	0.2506	nan	0.1000	-0.0002
##	260	0.2452	nan	0.1000	-0.0003
##	280	0.2389	nan	0.1000	-0.0003

##	300	0.2324	nan	0.1000	-0.0002
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1 2	1.2302 1.1246	nan nan	0.1000 0.1000	0.0661 0.0514
##	3	1.0340	nan	0.1000	0.0314
##	4	0.9561	nan	0.1000	0.0383
##	5	0.8912	nan	0.1000	0.0318
##	6	0.8335	nan	0.1000	0.0282
##	7	0.7835	nan	0.1000	0.0240
##	8	0.7414	nan	0.1000	0.0199
##	9	0.7029	nan	0.1000	0.0172
##	10	0.6663	nan	0.1000	0.0178
##	20	0.4757	nan	0.1000	0.0048
##	40 60	0.3767 0.3476	nan	0.1000 0.1000	0.0007 0.0003
##	80	0.3307	nan nan	0.1000	-0.0003
##	100	0.3189	nan	0.1000	-0.0005
##	120	0.3082	nan	0.1000	-0.0001
##	140	0.2976	nan	0.1000	-0.0003
##	160	0.2885	nan	0.1000	-0.0004
##	180	0.2785	nan	0.1000	-0.0002
##	200	0.2704	nan	0.1000	-0.0006
##	220	0.2623	nan	0.1000	-0.0006
##	240	0.2561 0.2506	nan	0.1000	-0.0003
##	260 280	0.2439	nan nan	0.1000 0.1000	-0.0004 -0.0003
##	300	0.2394	nan	0.1000	-0.0003
##	500	0.200.		0.1200	0.000.
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2299	nan	0.1000	0.0650
##	2	1.1193	nan	0.1000	0.0533
##	3	1.0260	nan	0.1000	0.0465
##	4 5	0.9480	nan	0.1000	0.0374
##	6	0.8777 0.8190	nan nan	0.1000 0.1000	0.0335 0.0274
##	7	0.7677	nan	0.1000	0.0274
##	8	0.7243	nan	0.1000	0.0209
##	9	0.6846	nan	0.1000	0.0193
##	10	0.6519	nan	0.1000	0.0157
##	20	0.4592	nan	0.1000	0.0047
##	40	0.3607	nan	0.1000	0.0002
##	60	0.3246	nan	0.1000	-0.0006
##	80 100	0.2993 0.2820	nan nan	0.1000 0.1000	-0.0005 -0.0009
##	120	0.2683	nan	0.1000	-0.0003
##	140	0.2543	nan	0.1000	-0.0004
##	160	0.2415	nan	0.1000	-0.0001
##	180	0.2309	nan	0.1000	-0.0004
##	200	0.2196	nan	0.1000	-0.0003
##	220	0.2088	nan	0.1000	-0.0006
##	240	0.1988	nan	0.1000	-0.0001
##	260 280	0.1901 0.1817	nan	0.1000 0.1000	-0.0002 -0.0003
##	300	0.1751	nan nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2299	nan	0.1000	0.0667
##	2	1.1187	nan	0.1000	0.0544
##	3 4	1.0250	nan	0.1000	0.0465
##	5	0.9491 0.8828	nan nan	0.1000 0.1000	0.0385 0.0308
##	6	0.8274	nan	0.1000	0.0275
##	7	0.7774	nan	0.1000	0.0273
##	8	0.7337	nan	0.1000	0.0208
##	9	0.6929	nan	0.1000	0.0193
##	10	0.6595	nan	0.1000	0.0163
##	20	0.4630	nan	0.1000	0.0047
##	40 60	0.3657 0.3366	nan	0.1000 0.1000	0.0005
##	80	0.3306 0.3077	nan nan	0.1000	-0.0005 -0.0007
##	100	0.2925	nan	0.1000	-0.0007
##	120	0.2774	nan	0.1000	-0.0002
##	140	0.2622	nan	0.1000	-0.0002
##	160	0.2479	nan	0.1000	-0.0005
##	180	0.2364	nan	0.1000	-0.0007
##	200	0.2266	nan	0.1000	-0.0006
##	220	0.2166 0.2071	nan	0.1000	-0.0003 -0.0003
##	240	0.2071	nan	0.1000	-0.0002

##	260	0.2001	nan	0.1000	-0.0001
##	280	0.1921	nan	0.1000	-0.0004
##	300	0.1862	nan	0.1000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2293	nan	0.1000	0.0678
##	2	1.1177	nan	0.1000	0.0544
##	3	1.0236	nan	0.1000	0.0459
##	4	0.9444	nan	0.1000	0.0379
##	5	0.8786	nan	0.1000	0.0320
##	6	0.8189	nan	0.1000	0.0287
##	7	0.7698	nan	0.1000	0.0226
##	8	0.7270	nan	0.1000	0.0205
##	9	0.6895	nan	0.1000	0.0181
##	10	0.6540	nan	0.1000	0.0168
##	20	0.4596	nan	0.1000	0.0043
##	40	0.3610	nan	0.1000	0.0006
##	60	0.3317	nan	0.1000	-0.0000
##	80	0.3111	nan	0.1000	-0.0006
##	100	0.2956	nan	0.1000	-0.0004
##	120	0.2817	nan	0.1000	-0.0002
##	140	0.2691	nan	0.1000	-0.0002
##	160	0.2582	nan	0.1000	-0.0006
##	180	0.2464	nan	0.1000	-0.0000
##	200	0.2370	nan	0.1000	-0.0002
##	220	0.2370	nan	0.1000	-0.0004
##	240	0.2189	nan	0.1000	-0.0007
##	260	0.2189		0.1000	-0.0004
			nan		
##	280 300	0.2022 0.1959	nan	0.1000	-0.0004 -0.0006
	300	0.1959	nan	0.1000	-0.0000
##	T+~~	TrainDaviere	Validbaud	C+c=C-	Tmm mc···-
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2294	nan	0.1000	0.0670
##	2	1.1181	nan	0.1000	0.0544
##	3	1.0228	nan	0.1000	0.0450
##	4	0.9427	nan	0.1000	0.0386
##	5	0.8748	nan	0.1000	0.0330
##	6	0.8171	nan	0.1000	0.0277
##	7	0.7654	nan	0.1000	0.0251
##	8	0.7209	nan	0.1000	0.0218
##	9	0.6832	nan	0.1000	0.0180
##	10	0.6483	nan	0.1000	0.0164
##	20	0.4634	nan	0.1000	0.0039
##	40	0.3657	nan	0.1000	0.0007
##	60	0.3355	nan	0.1000	-0.0005
##	80	0.3137	nan	0.1000	-0.0001
##	100	0.2973	nan	0.1000	-0.0004
##	120	0.2818	nan	0.1000	-0.0005
##	140	0.2699	nan	0.1000	-0.0008
##	160	0.2582	nan	0.1000	-0.0002
##	180	0.2476	nan	0.1000	-0.0005
##	200	0.2390	nan	0.1000	-0.0007
##	220	0.2304	nan	0.1000	-0.0007
##	240	0.2213	nan	0.1000	-0.0002
##	260	0.2144	nan	0.1000	-0.0008
##	280	0.2074	nan	0.1000	-0.0004
##	300	0.2005	nan	0.1000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0649	nan	0.3000	0.1461
##	2	0.9048	nan	0.3000	0.0810
##	3	0.8104	nan	0.3000	0.0454
##	4	0.7234	nan	0.3000	0.0421
##	5	0.6760	nan	0.3000	0.0227
##	6	0.6224	nan	0.3000	0.0249
##	7	0.5846	nan	0.3000	0.0178
##	8	0.5520	nan	0.3000	0.0135
##	9	0.5301	nan	0.3000	0.0089
##	10	0.5067	nan	0.3000	0.0105
##	20	0.4082	nan	0.3000	0.0011
##	40	0.3638	nan	0.3000	-0.0011
##	60	0.3462	nan	0.3000	-0.0001
##	80	0.3371	nan	0.3000	-0.0000
##	100	0.3302	nan	0.3000	-0.0003
##	120	0.3252	nan	0.3000	-0.0013
##	140	0.3190	nan	0.3000	-0.0027
##	160	0.3127	nan	0.3000	-0.0003
##	180	0.3069		0.3000	-0.0021
##	200	0.3069	nan	0.3000	-0.0014
##	200	0.304/	nan	0.5000	-0.0005

##	220	0.2994	nan	0.3000	-0.0003
##	240	0.2958	nan	0.3000	-0.0008
##	260	0.2921	nan	0.3000	-0.0006
##	280	0.2883	nan	0.3000	-0.0008
##	300	0.2846	nan	0.3000	-0.0014
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0681	nan	0.3000	0.1478
##	2	0.9022	nan	0.3000	0.0820
##	3	0.8021	nan	0.3000	0.0467
##	4	0.7192	nan	0.3000	0.0419
##	5	0.6638	nan	0.3000	0.0258
##	6	0.6215	nan	0.3000	0.0215
##	7	0.5830	nan	0.3000	0.0184
##	8	0.5541	nan	0.3000	0.0149
##	9	0.5325	nan	0.3000	0.0094
##	10	0.5111	nan	0.3000	0.0091
##	20	0.4055	nan	0.3000	0.0014
##	40	0.3609	nan	0.3000	-0.0001
##	60	0.3455	nan	0.3000	-0.0003
##	80	0.3366	nan	0.3000	-0.0012
##	100	0.3301	nan	0.3000	-0.0014
##	120	0.3236	nan	0.3000	-0.0017
##	140	0.3165	nan	0.3000	-0.0012
##	160	0.3124	nan	0.3000	-0.0020
##	180	0.3065	nan	0.3000	-0.0014
##	200	0.3027	nan	0.3000	0.0000
##	200	0.3027	nan	0.3000	-0.0011
##	240	0.2940	nan	0.3000	-0.0011
##	260	0.2893	nan	0.3000	-0.0011
##	280	0.2850		0.3000	-0.0004
##	300		nan		
##	300	0.2823	nan	0.3000	-0.0011
##	Ttor	TrainDoviance	ValidDeviance	C+onCizo	Tmprovo
	Iter	TrainDeviance		StepSize	Improve
##	1	1.0656	nan	0.3000	0.1471
##	2	0.9070	nan	0.3000	0.0797
##	3	0.8076	nan	0.3000	0.0483
##	4	0.7221	nan	0.3000	0.0416
##	5	0.6657	nan	0.3000	0.0248
##	6	0.6131	nan	0.3000	0.0221
##	7	0.5791	nan	0.3000	0.0157
##	8	0.5524	nan	0.3000	0.0119
##	9	0.5292	nan	0.3000	0.0107
##	10	0.5059	nan	0.3000	0.0114
##	20	0.4094	nan	0.3000	0.0011
##	40	0.3669	nan	0.3000	-0.0012
##	60	0.3512	nan	0.3000	-0.0017
##	80	0.3386	nan	0.3000	-0.0003
##	100	0.3299	nan	0.3000	-0.0004
##	120	0.3237	nan	0.3000	-0.0007
##	140	0.3179	nan	0.3000	-0.0013
##	160	0.3131	nan	0.3000	-0.0014
##	180	0.3095	nan	0.3000	-0.0007
##	200	0.3065	nan	0.3000	-0.0010
##	220	0.3018	nan	0.3000	-0.0006
##	240	0.2991	nan	0.3000	-0.0009
##	260	0.2957	nan	0.3000	-0.0012
##	280	0.2935	nan	0.3000	-0.0009
##	300	0.2896	nan	0.3000	-0.0026
##	T1 -	Tunius	V-1445	C+C'	т
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0704	nan	0.3000	0.1484
##	2	0.9030	nan	0.3000	0.0811
##	3	0.8047	nan	0.3000	0.0486
##	4	0.7244	nan	0.3000	0.0422
##	5	0.6680	nan	0.3000	0.0259
##	6	0.6230	nan	0.3000	0.0206
##	7	0.5800	nan	0.3000	0.0173
##	8	0.5508	nan	0.3000	0.0142
##	9	0.5304	nan	0.3000	0.0080
##	10	0.5134	nan	0.3000	0.0073
##	20	0.4072	nan	0.3000	0.0014
##	40	0.3644	nan	0.3000	-0.0006
##	60	0.3489	nan	0.3000	-0.0003
##	80	0.3363	nan	0.3000	-0.0003
##	100	0.3319	nan	0.3000	-0.0009
##	120	0.3237	nan	0.3000	-0.0007
##	140	0.3189	nan	0.3000	-0.0005
##	160	0.3114	nan	0.3000	-0.0006
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##	180	0.3081	nan	0.3000	-0.0007
##	200	0.3042	nan	0.3000	-0.0016
##	220	0.3011	nan	0.3000	-0.0011
##	240	0.2969	nan	0.3000	-0.0021
##	260	0.2937	nan	0.3000	-0.0011
##	280	0.2904		0.3000	-0.0011
			nan		
##	300	0.2864	nan	0.3000	-0.0005
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0267	nan	0.3000	0.1617
##	2	0.8448	nan	0.3000	0.0895
##	3	0.7318	nan	0.3000	0.0548
##	4	0.6422	nan	0.3000	0.0421
##	5	0.5805	nan	0.3000	0.0282
##	6	0.5209	nan	0.3000	0.0286
##	7	0.4948	nan	0.3000	0.0113
##	8	0.4601	nan	0.3000	0.0144
##	9	0.4400		0.3000	0.0075
			nan		
##	10	0.4255	nan	0.3000	0.0065
##	20	0.3705	nan	0.3000	-0.0023
##	40	0.3307	nan	0.3000	-0.0015
##	60	0.3052	nan	0.3000	-0.0013
##	80	0.2870	nan	0.3000	-0.0019
##	100	0.2710	nan	0.3000	0.0001
##	120	0.2573	nan	0.3000	-0.0005
##	140	0.2427	nan	0.3000	-0.0008
##	160	0.2293	nan	0.3000	-0.0008
##	180	0.2143	nan	0.3000	-0.0010
##	200	0.2043	nan	0.3000	-0.0013
##	200	0.1942	nan	0.3000	-0.0003
##	240				-0.0011
		0.1861	nan	0.3000	
##	260	0.1790	nan	0.3000	-0.0007
##	280	0.1669	nan	0.3000	-0.0006
##	300	0.1600	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0467	nan	0.3000	0.1580
##	2	0.8406	nan	0.3000	0.0980
##	3	0.7142	nan	0.3000	0.0599
##	4	0.6416	nan	0.3000	0.0352
##	5	0.5696	nan	0.3000	0.0327
##	6	0.5171	nan	0.3000	0.0222
##	7				0.0147
		0.4826 0.4623	nan	0.3000	
##	8 9		nan	0.3000	0.0076
##		0.4412	nan	0.3000	0.0070
##	10	0.4287	nan	0.3000	0.0040
##	20	0.3657	nan	0.3000	0.0005
##	40	0.3370	nan	0.3000	-0.0012
##	60	0.3119	nan	0.3000	-0.0010
##	80	0.2917	nan	0.3000	-0.0010
##	100	0.2778	nan	0.3000	-0.0004
##	120	0.2626	nan	0.3000	-0.0010
##	140	0.2436	nan	0.3000	-0.0011
##	160	0.2277	nan	0.3000	-0.0006
##	180	0.2181	nan	0.3000	-0.0012
##	200	0.2084	nan	0.3000	-0.0002
##	220	0.1990	nan	0.3000	-0.0018
##	240	0.1905	nan	0.3000	-0.0010
##	260	0.1819		0.3000	-0.0003
			nan		-0.0013
##	280	0.1753	nan	0.3000	
##	300	0.1684	nan	0.3000	-0.0008
##	т.	Tand D	V-1:35	C+ · · C ·	Terri
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0299	nan	0.3000	0.1625
##	2	0.8498	nan	0.3000	0.0888
##	3	0.7249	nan	0.3000	0.0590
##	4	0.6489	nan	0.3000	0.0332
##	5	0.5848	nan	0.3000	0.0305
##	6	0.5367	nan	0.3000	0.0214
##	7	0.5000	nan	0.3000	0.0162
##	8	0.4745	nan	0.3000	0.0101
##	9	0.4454		0.3000	0.0139
##	10		nan		
		0.4247	nan	0.3000	0.0105
##	20	0.3708	nan	0.3000	-0.0012
##	40	0.3327	nan	0.3000	-0.0017
##	60	0.3148	nan	0.3000	0.0001
##	80	0.2973	nan	0.3000	-0.0013
##	100	0.2809	nan	0.3000	-0.0016
##	120	0.2667	nan	0.3000	-0.0002
I .					

##	140	0.2555	nan	0.3000	-0.0006
##	160	0.2465	nan	0.3000	-0.0009
##	180	0.2377	nan	0.3000	-0.0007
##	200	0.2284	nan	0.3000	-0.0010
##	220	0.2205	nan	0.3000	-0.0009
##	240	0.2203		0.3000	-0.0003
			nan		
##	260	0.2037	nan	0.3000	-0.0009
##	280	0.1962	nan	0.3000	-0.0019
##	300	0.1919	nan	0.3000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0465	nan	0.3000	0.1554
##	2	0.8388	nan	0.3000	0.0980
##	3	0.7215	nan	0.3000	0.0539
##	4	0.6390	nan	0.3000	0.0395
##	5	0.5585	nan	0.3000	0.0374
##	6				
	7	0.5211	nan	0.3000	0.0151
##		0.4883	nan	0.3000	0.0138
##	8	0.4632	nan	0.3000	0.0102
##	9	0.4396	nan	0.3000	0.0101
##	10	0.4227	nan	0.3000	0.0061
##	20	0.3697	nan	0.3000	-0.0011
##	40	0.3331	nan	0.3000	-0.0016
##	60	0.3138	nan	0.3000	-0.0013
##	80	0.2988	nan	0.3000	-0.0010
##	100	0.2826	nan	0.3000	-0.0009
##	120	0.2700	nan	0.3000	-0.0012
##	140	0.2569		0.3000	-0.0012
			nan		
##	160	0.2502	nan	0.3000	-0.0011
##	180	0.2443	nan	0.3000	-0.0023
##	200	0.2334	nan	0.3000	-0.0021
##	220	0.2246	nan	0.3000	-0.0013
##	240	0.2171	nan	0.3000	-0.0004
##	260	0.2088	nan	0.3000	-0.0006
##	280	0.2002	nan	0.3000	-0.0022
##	300	0.1949	nan	0.3000	-0.0010
##	500	0.25.5		0.5000	0.0020
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0227		0.3000	0.1686
			nan		
##	2	0.8238	nan	0.3000	0.0969
##	3	0.6884	nan	0.3000	0.0680
##	4	0.6016	nan	0.3000	0.0416
##	5	0.5412	nan	0.3000	0.0283
##	6	0.4950	nan	0.3000	0.0219
##	7	0.4625	nan	0.3000	0.0129
##	8	0.4340	nan	0.3000	0.0118
##	9	0.4213	nan	0.3000	0.0036
##	10	0.4081	nan	0.3000	0.0044
##	20	0.3566	nan	0.3000	-0.0046
##	40	0.3025	nan	0.3000	-0.0014
##	60	0.2674	nan	0.3000	-0.0014
##	80	0.2335		0.3000	-0.0014
			nan		
##	100	0.2104	nan	0.3000	-0.0008
##	120	0.1952	nan	0.3000	-0.0008
##	140	0.1820	nan	0.3000	-0.0009
##	160	0.1693	nan	0.3000	-0.0009
##	180	0.1555	nan	0.3000	-0.0001
##	200	0.1418	nan	0.3000	-0.0009
##	220	0.1307	nan	0.3000	-0.0012
##	240	0.1195	nan	0.3000	-0.0007
##	260	0.1104	nan	0.3000	-0.0002
##	280	0.1040	nan	0.3000	-0.0003
##	300	0.0973	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0221	nan	0.3000	0.1726
##	2			0.3000	0.1012
		0.8187	nan		
##	3	0.7008	nan	0.3000	0.0589
##	4	0.6140	nan	0.3000	0.0431
##	5	0.5427	nan	0.3000	0.0325
##	6	0.4911	nan	0.3000	0.0229
##	7	0.4606	nan	0.3000	0.0113
##	8	0.4367	nan	0.3000	0.0077
##	9	0.4245	nan	0.3000	0.0037
##	10	0.4081	nan	0.3000	0.0061
##	20	0.3513	nan	0.3000	-0.0019
##	40	0.3107	nan	0.3000	-0.0006
##	60	0.2814	nan	0.3000	-0.0000
##	80	0.2571		0.3000	-0.0018
<i>""</i>	00	0.23/1	nan	0.5000	0.0002

##	100	0.2334	nan	0.3000	-0.0011
##	120	0.2128	nan	0.3000	-0.0011
##	140	0.1938	nan	0.3000	-0.0012
##	160	0.1812	nan	0.3000	-0.0013
##	180	0.1675		0.3000	-0.0013
			nan		
##	200	0.1522	nan	0.3000	-0.0011
##	220	0.1418	nan	0.3000	-0.0015
##	240	0.1321	nan	0.3000	-0.0013
##	260	0.1225	nan	0.3000	-0.0005
##	280	0.1142	nan	0.3000	-0.0011
##	300	0.1069	nan	0.3000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0033		0.3000	0.1748
			nan		
##	2	0.8105	nan	0.3000	0.0939
##	3	0.6939	nan	0.3000	0.0554
##	4	0.6080	nan	0.3000	0.0399
##	5	0.5466	nan	0.3000	0.0303
##	6	0.4976	nan	0.3000	0.0221
##	7	0.4617	nan	0.3000	0.0168
##	8	0.4379	nan	0.3000	0.0101
##	9	0.4195	nan	0.3000	0.0038
##	10	0.4048	nan	0.3000	0.0041
##	20	0.3535	nan	0.3000	-0.0041
##	40	0.3119	nan	0.3000	-0.0014
##	60	0.2805	nan	0.3000	-0.0017
##	80	0.2571	nan	0.3000	-0.0016
##	100	0.2387	nan	0.3000	-0.0000
##	120	0.2209	nan	0.3000	-0.0017
##	140	0.2058	nan	0.3000	-0.0010
##	160	0.1938	nan	0.3000	-0.0005
##	180	0.1808	nan	0.3000	-0.0014
##	200	0.1690	nan	0.3000	-0.0009
##	220	0.1586	nan	0.3000	-0.0013
##	240	0.1475	nan	0.3000	-0.0011
##	260	0.1365	nan	0.3000	-0.0009
##	280	0.1302	nan	0.3000	-0.0016
##	300	0.1240	nan	0.3000	-0.0009
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0180	nan	0.3000	0.1678
##	2	0.8137	nan	0.3000	0.1000
##	3	0.6902	nan	0.3000	0.0612
##	4	0.6048		0.3000	0.0386
			nan		
##	5	0.5413	nan	0.3000	0.0290
##	6	0.4948	nan	0.3000	0.0209
##	7	0.4624	nan	0.3000	0.0138
##	8	0.4404	nan	0.3000	0.0078
##	9	0.4243	nan	0.3000	0.0036
##	10	0.4088	nan	0.3000	0.0062
##	20	0.3603	nan	0.3000	-0.0019
##	40	0.3140	nan	0.3000	-0.0010
##	60	0.2825	nan	0.3000	-0.0011
##	80	0.2594	nan	0.3000	-0.0016
##	100	0.2409	nan	0.3000	-0.0013
##	120	0.2211	nan	0.3000	-0.0013
##	140	0.2045	nan	0.3000	-0.0022
##	160	0.1908	nan	0.3000	-0.0004
##	180	0.1802	nan	0.3000	-0.0014
##	200	0.1706	nan	0.3000	-0.0003
##	220	0.1633	nan	0.3000	-0.0011
##	240	0.1525	nan	0.3000	-0.0011
##	260	0.1447	nan	0.3000	-0.0009
##	280	0.1348	nan	0.3000	-0.0004
##	300	0.1282	nan	0.3000	-0.0009
##	200	0.1202	nun	0.5000	5.5555
##	Itar	TrainDeviance	ValidDeviance	StepSize	Tmprove
				•	Improve
##	1	0.9995	nan	0.3000	0.1760
##	2	0.7972	nan	0.3000	0.0974
##	3	0.6688	nan	0.3000	0.0620
		0 5000	nan	0.3000	0.0400
##	4	0.5860			
##	4 5	0.5860	nan	0.3000	0.0285
				0.3000 0.3000	0.0285 0.0156
##	5	0.5222 0.4852	nan nan		0.0156
## ## ##	5 6 7	0.5222 0.4852 0.4598	nan nan nan	0.3000 0.3000	0.0156 0.0089
## ## ##	5 6 7 8	0.5222 0.4852 0.4598 0.4332	nan nan nan nan	0.3000 0.3000 0.3000	0.0156 0.0089 0.0101
## ## ## ##	5 6 7 8 9	0.5222 0.4852 0.4598 0.4332 0.4174	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.0156 0.0089 0.0101 0.0038
## ## ## ## ##	5 6 7 8 9 10	0.5222 0.4852 0.4598 0.4332 0.4174 0.4009	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0156 0.0089 0.0101 0.0038 0.0049
## ## ## ## ##	5 6 7 8 9 10 20	0.5222 0.4852 0.4598 0.4332 0.4174 0.4009 0.3437	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0156 0.0089 0.0101 0.0038 0.0049
## ## ## ## ##	5 6 7 8 9 10	0.5222 0.4852 0.4598 0.4332 0.4174 0.4009	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0156 0.0089 0.0101 0.0038 0.0049

##	60	0.2532	nan	0.3000	-0.0009
##	80	0.2221	nan	0.3000	-0.0012
##	100	0.1947	nan	0.3000	-0.0025
##	120	0.1735	nan	0.3000	-0.0026
##	140	0.1494	nan	0.3000	-0.0003
##	160	0.1339			-0.0003
			nan	0.3000	
##	180	0.1239	nan	0.3000	-0.0010
##	200	0.1099	nan	0.3000	-0.0005
##	220	0.0986	nan	0.3000	-0.0014
##	240	0.0897	nan	0.3000	-0.0009
##	260	0.0816	nan	0.3000	-0.0004
##	280	0.0742	nan	0.3000	-0.0007
##	300	0.0675	nan	0.3000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0064		•	-
			nan	0.3000	0.1805
##	2	0.8032	nan	0.3000	0.0991
##	3	0.6776	nan	0.3000	0.0595
##	4	0.5887	nan	0.3000	0.0405
##	5	0.5210	nan	0.3000	0.0312
##	6	0.4807	nan	0.3000	0.0164
##	7	0.4469	nan	0.3000	0.0155
##	8	0.4273	nan	0.3000	0.0046
##	9	0.4062	nan	0.3000	0.0084
##	10	0.3946	nan	0.3000	0.0039
##	20	0.3332	nan	0.3000	-0.0010
##	40	0.2854	nan	0.3000	-0.0010
##	60	0.2438		0.3000	0.0014
			nan		
##	80	0.2159	nan	0.3000	-0.0009
##	100	0.1944	nan	0.3000	-0.0030
##	120	0.1758	nan	0.3000	-0.0022
##	140	0.1595	nan	0.3000	-0.0020
##	160	0.1470	nan	0.3000	-0.0003
##	180	0.1351	nan	0.3000	-0.0014
##	200	0.1209	nan	0.3000	-0.0004
##	220	0.1085	nan	0.3000	-0.0005
##	240	0.0997	nan	0.3000	-0.0004
##	260	0.0917		0.3000	-0.0009
			nan		
##	280	0.0830	nan	0.3000	-0.0002
##	300	0.0779	nan	0.3000	-0.0007
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0 0055		0 2000	
##		0.9955	nan	0.3000	0.1847
##	2	0.7973	nan nan	0.3000	0.1847 0.0967
##					
	2	0.7973	nan	0.3000	0.0967
##	2 3 4	0.7973 0.6693	nan nan nan	0.3000 0.3000 0.3000	0.0967 0.0618
## ## ##	2 3 4 5	0.7973 0.6693 0.5812 0.5231	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.0967 0.0618 0.0465 0.0240
## ## ## ##	2 3 4 5 6	0.7973 0.6693 0.5812 0.5231 0.4821	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148
## ## ## ##	2 3 4 5 6 7	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108
## ## ## ## ##	2 3 4 5 6 7 8	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094
## ## ## ## ##	2 3 4 5 6 7 8	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019
## ## ## ## ## ##	2 3 4 5 6 7 8 9	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004
## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015
## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015 -0.0010
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015
## ## ## ## ## ## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015 -0.0010
## ## ## ## ## ## ##	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015 -0.0010 -0.0016
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015 -0.0016 -0.0025 -0.0016
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0010 -0.0016 -0.0025 -0.0011
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0025 -0.0004 -0.0027 -0.0015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.00015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.00015
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200 220 240	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.00015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0015
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015 -0.0010 -0.0012 -0.0013 -0.0003 -0.0015 -0.0015
######################################	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	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0014 -0.0007 -0.0004
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985	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	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.00015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0015
######################################	2 3 4 5 6 7 8 9 10 20 40 60 80 120 140 160 180 200 220 240 260 280 300	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0001 -0.0015 -0.0011 -0.0012 -0.0013 -0.0013 -0.0015 -0.0014 -0.0007 -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	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0014 -0.0007
######################################	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	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0001 -0.0015 -0.0011 -0.0012 -0.0013 -0.0013 -0.0015 -0.0014 -0.0007 -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	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0014 -0.0007
######################################	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	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847 TrainDeviance 0.9990	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0014 -0.0007
######################################	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	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847 TrainDeviance 0.9990 0.8004	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0014 -0.0007 Improve 0.1775 0.0987
#######################################	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	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847 TrainDeviance 0.9990 0.8004 0.6754	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0014 -0.0007 Improve 0.1775 0.0987 0.0564
#######################################	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 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847 TrainDeviance 0.9990 0.8004 0.6754 0.5865	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.0004 -0.0027 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0003 -0.0015 -0.0014 -0.0007 Improve 0.1775 0.0987 0.0564 0.0408
#######################################	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 4 5 5 5 6 7 7 7 8 8 9 8 9 9 9 9 1 9 1 9 1 9 1 9 1 9 1 9	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847 TrainDeviance 0.9990 0.8004 0.6754 0.5865 0.5316 0.4855	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.00015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0015 -0.0014 -0.0007 Improve 0.1775 0.0987 0.0564 0.0408 0.0220 0.0188
#######################################	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 4 5 6 7 7 7 8 7 8 8 9 8 9 8 9 9 9 9 9 1 9 1 9 1 9 1 9 1	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847 TrainDeviance 0.9990 0.8004 0.6754 0.5865 0.5316 0.4855 0.4515	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.00015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0015 -0.0014 -0.0007 Improve 0.1775 0.0987 0.0564 0.0408 0.0220 0.0188 0.0145
#######################################	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 4 5 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847 TrainDeviance 0.9990 0.8004 0.6754 0.5865 0.5316 0.4855 0.4515 0.4306	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.00015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0015 -0.0014 -0.0007 Improve 0.1775 0.0987 0.0564 0.0408 0.0220 0.0188 0.0145 0.0071
#######################################	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 4 5 6 7 7 7 8 7 8 8 9 8 9 8 9 9 9 9 9 1 9 1 9 1 9 1 9 1	0.7973 0.6693 0.5812 0.5231 0.4821 0.4509 0.4291 0.4147 0.4030 0.3478 0.2970 0.2548 0.2293 0.2080 0.1880 0.1698 0.1534 0.1409 0.1291 0.1158 0.1072 0.0985 0.0900 0.0847 TrainDeviance 0.9990 0.8004 0.6754 0.5865 0.5316 0.4855 0.4515	nan	0.3000 0.3000	0.0967 0.0618 0.0465 0.0240 0.0148 0.0108 0.0094 0.0019 0.0025 -0.00015 -0.0016 -0.0025 -0.0011 -0.0012 -0.0013 -0.0015 -0.0014 -0.0007 Improve 0.1775 0.0987 0.0564 0.0408 0.0220 0.0188 0.0145

##	20	0.3474	nan	0.3000	-0.0017
##	40	0.2945	nan	0.3000	-0.0025
##	60	0.2577	nan	0.3000	-0.0039
##	80	0.2304	nan	0.3000	-0.0018
##	100	0.2077	nan	0.3000	-0.0013
##	120	0.1885		0.3000	-0.0015
			nan		
##	140	0.1720	nan	0.3000	-0.0007
##	160	0.1621	nan	0.3000	-0.0010
##	180	0.1504	nan	0.3000	0.0005
##	200	0.1389	nan	0.3000	-0.0020
##	220	0.1264	nan	0.3000	-0.0016
##	240	0.1166	nan	0.3000	-0.0013
##	260	0.1058	nan	0.3000	-0.0013
##	280	0.0957	nan	0.3000	-0.0011
##	300	0.0901	nan	0.3000	-0.0009
##	300	0.0301	nan	0.5000	0.0003
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3536	nan	0.0100	0.0059
##	2	1.3419	nan	0.0100	0.0057
##	3	1.3304	nan	0.0100	0.0056
##	4	1.3196	nan	0.0100	0.0054
##	5	1.3088	nan	0.0100	0.0053
##	6	1.2980	nan	0.0100	0.0053
##	7	1.2877	nan	0.0100	0.0052
##	8	1.2774	nan	0.0100	0.0050
##	9	1.2675	nan	0.0100	0.0050
##	10	1.2576	nan	0.0100	0.0049
##	20	1.1682	nan	0.0100	0.0041
##	40	1.0302	nan	0.0100	0.0029
##	60	0.9309	nan	0.0100	0.0023
##	80	0.8551	nan	0.0100	0.0016
##	100	0.7942		0.0100	0.0013
			nan		
##	120	0.7437	nan	0.0100	0.0011
##	140	0.7020	nan	0.0100	0.0009
##	160	0.6668	nan	0.0100	0.0008
##	180	0.6362	nan	0.0100	0.0007
##	200	0.6099	nan	0.0100	0.0005
##	220	0.5866	nan	0.0100	0.0005
##	240	0.5665	nan	0.0100	0.0005
##	260	0.5490	nan	0.0100	0.0004
##	280	0.5331	nan	0.0100	0.0003
##	300	0.5190	nan	0.0100	0.0003
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3536	nan	0.0100	0.0058
##	2	1.3417	nan	0.0100	0.0058
##	3	1.3306			
			nan	0.0100	0.0055
##	4	1.3192	nan	0.0100	0.0055
##	5	1.3083	nan	0.0100	0.0054
##	6	1.2979	nan	0.0100	0.0053
##	7	1.2873	nan	0.0100	0.0052
##	8	1.2768	nan	0.0100	0.0052
##	9	1.2667	nan	0.0100	0.0050
##	10	1.2569	nan	0.0100	0.0049
##	20	1.1674	nan	0.0100	0.0040
##	40	1.0298	nan	0.0100	0.0029
##	60	0.9309	nan	0.0100	0.0019
##	80	0.8544	nan	0.0100	0.0016
##	100	0.7929	nan	0.0100	0.0013
##	120	0.7422	nan	0.0100	0.0010
##	140	0.7000	nan	0.0100	0.0010
##	160	0.6646	nan	0.0100	0.0010
##	180	0.6339		0.0100	0.0007
	200		nan		
##	/ (-) (-)	0.6078	nan	0.0100	0.0006
##		0 5044		0.0100	0.0004
. ++++	220	0.5844	nan	0.0100	0.0004
##	220 240	0.5643	nan	0.0100	0.0004
##	220 240 260	0.5643 0.5470	nan nan	0.0100 0.0100	0.0004 0.0004
## ##	220 240 260 280	0.5643 0.5470 0.5312	nan	0.0100 0.0100 0.0100	0.0004 0.0004 0.0003
## ## ##	220 240 260	0.5643 0.5470	nan nan	0.0100 0.0100	0.0004 0.0004
## ##	220 240 260 280	0.5643 0.5470 0.5312	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0004 0.0004 0.0003
## ## ##	220 240 260 280	0.5643 0.5470 0.5312 0.5171 TrainDeviance	nan nan nan	0.0100 0.0100 0.0100 0.0100 StepSize	0.0004 0.0004 0.0003
## ## ##	220 240 260 280 300 Iter	0.5643 0.5470 0.5312 0.5171	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	0.0004 0.0004 0.0003 0.0003
## ## ## ##	220 240 260 280 300	0.5643 0.5470 0.5312 0.5171 TrainDeviance	nan nan nan nan ValidDeviance	0.0100 0.0100 0.0100 0.0100 StepSize	0.0004 0.0004 0.0003 0.0003
## ## ## ## ##	220 240 260 280 300 Iter	0.5643 0.5470 0.5312 0.5171 TrainDeviance 1.3532	nan nan nan nan ValidDeviance nan	0.0100 0.0100 0.0100 0.0100 StepSize 0.0100	0.0004 0.0004 0.0003 0.0003 Improve 0.0059
## ## ## ## ##	220 240 260 280 300 Iter 1 2	0.5643 0.5470 0.5312 0.5171 TrainDeviance 1.3532 1.3415	nan nan nan nan ValidDeviance nan nan	0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100	0.0004 0.0004 0.0003 0.0003 Improve 0.0059 0.0057
## ## ## ## ## ##	220 240 260 280 300 Iter 1 2	0.5643 0.5470 0.5312 0.5171 TrainDeviance 1.3532 1.3415 1.3303	nan nan nan ValidDeviance nan nan	0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100	0.0004 0.0004 0.0003 0.0003 Improve 0.0059 0.0057 0.0057
## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5	0.5643 0.5470 0.5312 0.5171 TrainDeviance 1.3532 1.3415 1.3303 1.3195 1.3084	nan nan nan ValidDeviance nan nan nan nan	0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100	0.0004 0.0003 0.0003 Tmprove 0.0059 0.0057 0.0057 0.0055 0.0054
## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5 6	0.5643 0.5470 0.5312 0.5171 TrainDeviance 1.3532 1.3415 1.3303 1.3195 1.3084 1.2981	nan nan nan ValidDeviance nan nan nan nan	0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	0.0004 0.0003 0.0003 0.0003 Improve 0.0059 0.0057 0.0057 0.0055 0.0054 0.0052
## ## ## ## ## ##	220 240 260 280 300 Iter 1 2 3 4 5	0.5643 0.5470 0.5312 0.5171 TrainDeviance 1.3532 1.3415 1.3303 1.3195 1.3084	nan nan nan ValidDeviance nan nan nan nan	0.0100 0.0100 0.0100 0.0100 StepSize 0.0100 0.0100 0.0100 0.0100	0.0004 0.0003 0.0003 Tmprove 0.0059 0.0057 0.0057 0.0055 0.0054

##	9	1.2679	nan	0.0100	0.0051
##	10	1.2580	nan	0.0100	0.0049
##	20	1.1687	nan	0.0100	0.0041
##	40	1.0320	nan	0.0100	0.0029
##	60	0.9321	nan	0.0100	0.0020
##	80	0.8561	nan	0.0100	0.0016
##	100	0.7947	nan	0.0100	0.0014
##	120	0.7449	nan	0.0100	0.0010
##	140	0.7029	nan	0.0100	0.0009
##	160	0.6675		0.0100	0.0007
			nan		
##	180	0.6368	nan	0.0100	0.0006
##	200	0.6098	nan	0.0100	0.0005
##	220	0.5870	nan	0.0100	0.0004
##	240	0.5666	nan	0.0100	0.0004
##	260	0.5488	nan	0.0100	0.0004
##	280	0.5327	nan	0.0100	0.0003
##	300	0.5187	nan	0.0100	0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Tmprovo
				•	Improve
##	1	1.3532	nan	0.0100	0.0060
##	2	1.3418	nan	0.0100	0.0057
##	3	1.3304	nan	0.0100	0.0055
##	4	1.3195	nan	0.0100	0.0054
##	5	1.3086	nan	0.0100	0.0054
##	6	1.2979	nan	0.0100	0.0053
##	7	1.2872	nan	0.0100	0.0052
##	8	1.2771	nan	0.0100	0.0050
##	9	1.2674	nan	0.0100	0.0048
##	10	1.2578	nan	0.0100	0.0048
##	20	1.1690	nan	0.0100	0.0040
##	40	1.0319		0.0100	0.0028
			nan		
##	60	0.9323	nan	0.0100	0.0021
##	80	0.8556	nan	0.0100	0.0017
##	100	0.7948	nan	0.0100	0.0013
##	120	0.7442	nan	0.0100	0.0010
##	140	0.7020	nan	0.0100	0.0009
##	160	0.6664	nan	0.0100	0.0007
##	180	0.6357	nan	0.0100	0.0007
##	200	0.6093	nan	0.0100	0.0006
##	220	0.5864	nan	0.0100	0.0005
##	240	0.5660	nan	0.0100	0.0004
##	260	0.5488	nan	0.0100	0.0004
##	280	0.5333	nan	0.0100	0.0003
##	300	0.5193	nan	0.0100	0.0002
##					
##					
	Iter	TrainDeviance	ValidDeviance	StepSize	
			ValidDeviance	StepSize	Improve
##	1	1.3521	nan	0.0100	Improve 0.0065
## ##	1 2	1.3521 1.3395	nan nan	0.0100 0.0100	Improve 0.0065 0.0064
##	1 2 3	1.3521	nan	0.0100	Improve 0.0065
## ##	1 2	1.3521 1.3395	nan nan	0.0100 0.0100	Improve 0.0065 0.0064
## ## ## ##	1 2 3 4	1.3521 1.3395 1.3268 1.3146	nan nan nan nan	0.0100 0.0100 0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058
## ## ## ##	1 2 3 4 5	1.3521 1.3395 1.3268 1.3146 1.3024	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061
## ## ## ## ##	1 2 3 4 5 6	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059
## ## ## ## ##	1 2 3 4 5 6 7	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0058
## ## ## ## ##	1 2 3 4 5 6	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905	nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059
## ## ## ## ##	1 2 3 4 5 6 7	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786	nan nan nan nan nan nan	0.0100 0.0100 0.0100 0.0100 0.0100 0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0058
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553	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 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0058 0.0056
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553	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 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0058 0.0056 0.0056
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441	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	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0058 0.0056 0.0056 0.0055 0.0046
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901	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 0.0065 0.0064 0.0063 0.0058 0.0059 0.0058 0.0056 0.0056 0.0055 0.0046 0.0033
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441	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	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0058 0.0056 0.0056 0.0055 0.0046
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901	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 0.0065 0.0064 0.0063 0.0058 0.0059 0.0058 0.0056 0.0056 0.0055 0.0046 0.0033
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854	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 0.0065 0.0064 0.0063 0.0058 0.0059 0.0058 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854	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 0.0065 0.0064 0.0063 0.0058 0.0059 0.0058 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153	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 0.0065 0.0064 0.0063 0.0058 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854	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 0.0065 0.0064 0.0063 0.0058 0.0059 0.0058 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153	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 0.0065 0.0064 0.0063 0.0058 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014
## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111	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 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006
## ## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731	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	Improve 0.0065 0.0064 0.0063 0.0058 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5404 0.5141	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	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006
## ## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731	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	Improve 0.0065 0.0064 0.0063 0.0058 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5731	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	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 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	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5731 0.5404 0.5141 0.4922 0.4740	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006
######################################	1 2 3 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 220 240 260 260 260 260 260 260 260 260 260 26	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006 0.0005 0.0004 0.0003
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006
######################################	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	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006 0.0005 0.0004 0.0003
######################################	1 2 3 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 260 260 260 260 260 260 260 260 26	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0059 0.0058 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006 0.0005 0.0004 0.0003 0.0002
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 240 240 260 280 300	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006 0.0005 0.0004 0.0003 0.0002 0.0001
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 160 180 200 240 260 280 300 Iter	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358 TrainDeviance	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006 0.0005 0.0004 0.0003 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	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006 0.0005 0.0004 0.0003 0.0002 0.0001
######################################	1 2 3 4 4 5 6 6 7 8 9 10 20 40 160 180 200 240 260 280 300 Iter	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358 TrainDeviance	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006 0.0005 0.0004 0.0003 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	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358 TrainDeviance 1.3522 1.3394	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0006 0.0005 0.0006 0.0005 0.0001 Improve 0.0067 0.0065
######################################	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	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358 TrainDeviance 1.3522 1.3394 1.3269	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0005 0.0006 0.0005 0.0001 Improve 0.0067 0.0065 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 4 4	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358 TrainDeviance 1.3522 1.3394 1.3269 1.3143	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0005 0.0006 0.0005 0.0001 Improve 0.0067 0.0065 0.0061 0.0062
######################################	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	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358 TrainDeviance 1.3522 1.3394 1.3269	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0005 0.0006 0.0005 0.0001 Improve 0.0067 0.0065 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 4 4	1.3521 1.3395 1.3268 1.3146 1.3024 1.2905 1.2786 1.2671 1.2553 1.2441 1.1458 0.9901 0.8739 0.7854 0.7153 0.6570 0.6111 0.5731 0.5404 0.5141 0.4922 0.4740 0.4583 0.4459 0.4358 TrainDeviance 1.3522 1.3394 1.3269 1.3143	nan	0.0100 0.0100	Improve 0.0065 0.0064 0.0063 0.0058 0.0061 0.0059 0.0056 0.0056 0.0055 0.0046 0.0033 0.0024 0.0019 0.0014 0.0012 0.0008 0.0006 0.0005 0.0006 0.0005 0.0001 Improve 0.0067 0.0065 0.0061 0.0062

##	7	1.2784	nan	0.0100	0.0058
##	8	1.2670	nan	0.0100	0.0055
##	9	1.2558	nan	0.0100	0.0056
##	10	1.2448	nan	0.0100	0.0055
##	20	1.1458	nan	0.0100	0.0044
##	40	0.9885	nan	0.0100	0.0033
##	60	0.8734	nan	0.0100	0.0024
##	80	0.7854	nan	0.0100	0.0019
##	100	0.7146	nan	0.0100	0.0014
##	120	0.6573	nan	0.0100	0.0013
##	140	0.6103	nan	0.0100	0.0011
##	160	0.5726	nan	0.0100	0.0007
##	180	0.5409	nan	0.0100	0.0006
##	200	0.5141	nan	0.0100	0.0006
##	220	0.4927	nan	0.0100	0.0004
##	240	0.4747	nan	0.0100	0.0004
	260				
##		0.4592	nan	0.0100	0.0003
##	280	0.4467	nan	0.0100	0.0002
##	300	0.4359	nan	0.0100	0.0002
##	T+	T	V-1: dD	C+C:	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3521	nan	0.0100	0.0065
##	2	1.3393	nan	0.0100	0.0064
##	3	1.3266	nan	0.0100	0.0063
##	4	1.3142	nan	0.0100	0.0062
##	5	1.3022	nan	0.0100	0.0060
##	6	1.2904	nan	0.0100	0.0058
##	7	1.2789	nan	0.0100	0.0058
##	8	1.2676	nan	0.0100	0.0055
##	9	1.2562	nan	0.0100	0.0056
##	10	1.2454	nan	0.0100	0.0054
##	20	1.1452	nan	0.0100	0.0045
##	40	0.9900	nan	0.0100	0.0033
##	60	0.8752	nan	0.0100	0.0025
##	80	0.7865	nan	0.0100	0.0018
##	100	0.7174	nan	0.0100	0.0015
##	120	0.6582	nan	0.0100	0.0011
##	140	0.6114	nan	0.0100	0.0009
##	160	0.5722	nan	0.0100	0.0007
##	180	0.5410	nan	0.0100	0.0007
##	200	0.5140		0.0100	0.0005
##			nan		
	220	0.4926	nan	0.0100	0.0004
##	240	0.4749	nan	0.0100	0.0004
##	260	0.4599	nan	0.0100	0.0003
##	280	0.4465	nan	0.0100	0.0002
##	300	0.4358	nan	0.0100	0.0002
##	- .			c. c:	_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3521	nan	0.0100	0.0065
##	2	1.3392	nan	0.0100	0.0065
##	3	1.3265	nan	0.0100	0.0063
##	4	1.3141	nan	0.0100	0.0062
##	5	1.3018	nan	0.0100	0.0061
##	6	1.2899	nan	0.0100	0.0057
##	7	1.2784	nan	0.0100	0.0057
##	8	1.2670	nan	0.0100	0.0057
##	9	1.2561	nan	0.0100	0.0055
##	10	1.2453	nan	0.0100	0.0052
##	20	1.1469	nan	0.0100	0.0046
##	40	0.9907	nan	0.0100	0.0033
##	60	0.8758	nan	0.0100	0.0024
##	80	0.7872	nan	0.0100	0.0017
##	100	0.7176	nan	0.0100	0.0016
##	120	0.6594	nan	0.0100	0.0012
##	140	0.6109	nan	0.0100	0.0009
##	160	0.5720	nan	0.0100	0.0009
##	180	0.5399	nan	0.0100	0.0006
##	200	0.5137	nan	0.0100	0.0006
##	220	0.4923	nan	0.0100	0.0004
##	240	0.4744	nan	0.0100	0.0004
##	260	0.4592	nan	0.0100	0.0004
##	280	0.4469	nan	0.0100	0.0003
##	300	0.4362	nan	0.0100	0.0002
##	200	0.4302	IIail	0.0100	0.0001
##	Iter	TrainDeviance	ValidDeviance	StepSize	Tmnrovo
##	iter 1			0.0100	Improve
	2	1.3517	nan		0.0068
##		1.3380	nan	0.0100	0.0069
##	3	1.3246	nan	0.0100	0.0068
##	4	1.3114	nan	0.0100	0.0065

##	5	1.2984	nan	0.0100	0.0064
##	6	1.2858	nan	0.0100	0.0062
##	7	1.2733	nan	0.0100	0.0061
##	8	1.2615	nan	0.0100	0.0057
##	9	1.2499	nan	0.0100	0.0058
##	10	1.2384	nan	0.0100	0.0056
##	20	1.1317	nan	0.0100	0.0048
##	40	0.9669	nan	0.0100	0.0036
##	60	0.8435	nan	0.0100	0.0027
##	80	0.7512	nan	0.0100	0.0021
##	100	0.6783	nan	0.0100	0.0015
##	120	0.6210	nan	0.0100	0.0012
##	140				0.0012
		0.5748	nan	0.0100	
##	160	0.5377	nan	0.0100	0.0009
##	180	0.5073	nan	0.0100	0.0006
##	200	0.4830	nan	0.0100	0.0003
##	220	0.4634	nan	0.0100	0.0004
##	240	0.4472	nan	0.0100	0.0003
##	260	0.4339	nan	0.0100	0.0002
##	280	0.4228	nan	0.0100	0.0002
##	300	0.4137	nan	0.0100	0.0001
##	500	0207		0.0200	0.0002
	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmprovo
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3513	nan	0.0100	0.0070
##	2	1.3375	nan	0.0100	0.0067
##	3	1.3237	nan	0.0100	0.0066
##	4	1.3105	nan	0.0100	0.0065
##	5	1.2974	nan	0.0100	0.0064
##	6	1.2851	nan	0.0100	0.0059
##	7	1.2729	nan	0.0100	0.0061
##	8	1.2608	nan	0.0100	0.0059
##	9	1.2492	nan	0.0100	0.0057
##	10	1.2376	nan	0.0100	0.0058
##	20	1.1323	nan	0.0100	0.0046
##	40	0.9676	nan	0.0100	0.0034
##	60	0.8458	nan	0.0100	0.0027
##	80	0.7524	nan	0.0100	0.0020
##	100	0.6805	nan	0.0100	0.0015
##	120	0.6229	nan	0.0100	0.0012
##					
	140	0.5769	nan	0.0100	0.0010
##	160	0.5391	nan	0.0100	0.0008
##	180	0.5081	nan	0.0100	0.0007
##	200	0.4837	nan	0.0100	0.0004
##	220	0.4645	nan	0.0100	0.0005
##	240	0.4488	nan	0.0100	0.0003
##	260	0.4356	nan	0.0100	0.0002
##	280	0.4252	nan	0.0100	0.0002
##	300	0.4160	nan	0.0100	0.0001
	300	0.4100	IIdii	0.0100	0.0001
##	T	T	V-1146 - 1	61 61	T
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3515	nan	0.0100	0.0068
##	2	1.3380	nan	0.0100	0.0065
##	3	1.3240	nan	0.0100	0.0067
##	4	1.3108	nan	0.0100	0.0067
##	5	1.2982	nan	0.0100	0.0064
##	6	1.2852	nan	0.0100	0.0063
##	7	1.2729	nan	0.0100	0.0062
##	8	1.2606	nan	0.0100	0.0060
##	9	1.2486		0.0100	0.0060
			nan		
##	10	1.2368	nan	0.0100	0.0057
##	20	1.1317	nan	0.0100	0.0049
##	40	0.9666	nan	0.0100	0.0036
##	60	0.8445	nan	0.0100	0.0025
##	80	0.7515	nan	0.0100	0.0019
##	100	0.6799	nan	0.0100	0.0016
##	120	0.6234	nan	0.0100	0.0013
##	140	0.5779	nan	0.0100	0.0013
##	160	0.5403		0.0100	0.0011
			nan		
##	180	0.5091	nan	0.0100	0.0005
##	200	0.4838	nan	0.0100	0.0004
##	220	0.4646	nan	0.0100	0.0004
##	240	0.4490	nan	0.0100	0.0003
##	260	0.4359	nan	0.0100	0.0003
##	280	0.4244	nan	0.0100	0.0003
##	300	0.4157	nan	0.0100	0.0002
##	200	311137	nan	3.0100	L
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
	1	1.3511		0.0100	0.0070
##			nan		
##	2	1.3376	nan	0.0100	0.0065

##	3	1.3242	nan	0.0100	0.0065
##	4	1.3111	nan	0.0100	0.0063
##	5	1.2983	nan	0.0100	0.0063
##	6	1.2854	nan	0.0100	0.0064
##	7	1.2732	nan	0.0100	0.0062
##	8				
		1.2608	nan	0.0100	0.0061
##	9	1.2487	nan	0.0100	0.0059
##	10	1.2367	nan	0.0100	0.0058
##	20	1.1314	nan	0.0100	0.0050
##	40	0.9676	nan	0.0100	0.0034
##	60	0.8453	nan	0.0100	0.0026
##	80	0.7510	nan	0.0100	0.0019
##	100	0.6784	nan	0.0100	0.0016
##	120	0.6214	nan	0.0100	0.0012
##	140	0.5762	nan	0.0100	0.0012
##	160	0.5391		0.0100	0.0012
			nan		
##	180	0.5079	nan	0.0100	0.0007
##	200	0.4836	nan	0.0100	0.0004
##	220	0.4642	nan	0.0100	0.0004
##	240	0.4485	nan	0.0100	0.0003
##	260	0.4353	nan	0.0100	0.0002
##	280	0.4242	nan	0.0100	0.0002
##	300	0.4156	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3508	nan	0.0100	0.0072
	2				
##	3	1.3370	nan	0.0100	0.0068
##		1.3230	nan	0.0100	0.0068
##	4	1.3094	nan	0.0100	0.0065
##	5	1.2962	nan	0.0100	0.0065
##	6	1.2830	nan	0.0100	0.0064
##	7	1.2701	nan	0.0100	0.0062
##	8	1.2579	nan	0.0100	0.0061
##	9	1.2457	nan	0.0100	0.0062
##	10	1.2336	nan	0.0100	0.0061
##	20	1.1241	nan	0.0100	0.0050
##	40	0.9529	nan	0.0100	0.0034
##	60				
		0.8283	nan	0.0100	0.0025
##	80	0.7335	nan	0.0100	0.0020
##	100	0.6603	nan	0.0100	0.0015
##	120	0.6036	nan	0.0100	0.0011
##	140	0.5585	nan	0.0100	0.0008
##	160	0.5227	nan	0.0100	0.0007
##	180	0.4941	nan	0.0100	0.0005
##	200	0.4701	nan	0.0100	0.0004
##	220	0.4514	nan	0.0100	0.0002
##	240	0.4358	nan	0.0100	0.0003
##	260	0.4228	nan	0.0100	0.0002
##	280	0.4119	nan	0.0100	0.0002
##	300	0.4028		0.0100	0.0002
##	300	0.4020	nan	0.0100	0.0002
	Ttor	TrainDoviance	ValidDoviance	C+onCizo	Tmnrovo
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3511	nan	0.0100	0.0071
##	2	1.3372	nan	0.0100	0.0070
##	3	1.3233	nan	0.0100	0.0067
##	4	1.3100	nan	0.0100	0.0066
##	5	1.2968	nan	0.0100	0.0065
##	6	1.2841	nan	0.0100	0.0062
##	7	1.2712	nan	0.0100	0.0064
##	8	1.2587	nan	0.0100	0.0063
##	9	1.2464	nan	0.0100	0.0061
##	10	1.2342	nan	0.0100	0.0060
##	20	1.1255	nan	0.0100	0.0048
##	40	0.9554	nan	0.0100	0.0035
##	60	0.8294	nan	0.0100	0.0033
##	80 100	0.7333	nan	0.0100	0.0019
##	100	0.6600	nan	0.0100	0.0015
##	120	0.6028	nan	0.0100	0.0011
##	140	0.5581	nan	0.0100	0.0009
##	160	0.5223	nan	0.0100	0.0006
##	180	0.4936	nan	0.0100	0.0005
##	200	0.4698	nan	0.0100	0.0004
##	220	0.4501	nan	0.0100	0.0002
##	240	0.4346	nan	0.0100	0.0002
##	260	0.4215	nan	0.0100	0.0003
##	280	0.4108	nan	0.0100	0.0003
##	300	0.4016	nan	0.0100	0.0001
##	200	0.4010	IIaii	5.0100	0.0002
	T+or	TrainDovieses	Validoviana	C+onCi	Tmpresse
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve

##	1	1.3509	nan	0.0100	0.0072
##	2	1.3367	nan	0.0100	0.0070
##	3	1.3229	nan	0.0100	0.0068
##	4	1.3092	nan	0.0100	0.0068
##	5	1.2959	nan	0.0100	0.0065
##	6	1.2832		0.0100	0.0064
			nan		
##	7	1.2704	nan	0.0100	0.0063
##	8	1.2580	nan	0.0100	0.0059
##	9	1.2456	nan	0.0100	0.0060
##	10	1.2335	nan	0.0100	0.0060
##	20	1.1246	nan	0.0100	0.0049
##	40	0.9539	nan	0.0100	0.0037
##	60	0.8285	nan	0.0100	0.0026
##	80	0.7338	nan	0.0100	0.0021
##	100	0.6604	nan	0.0100	0.0014
##	120	0.6039	nan	0.0100	0.0011
##	140	0.5585	nan	0.0100	0.0009
##					
	160	0.5213	nan	0.0100	0.0007
##	180	0.4927	nan	0.0100	0.0006
##	200	0.4692	nan	0.0100	0.0004
##	220	0.4508	nan	0.0100	0.0003
##	240	0.4349	nan	0.0100	0.0002
##	260	0.4222	nan	0.0100	0.0002
##	280	0.4122	nan	0.0100	0.0001
##	300	0.4031	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.3511	nan	0.0100	0.0069
##	2	1.3370	nan	0.0100	0.0070
##	3	1.3230	nan	0.0100	0.0070
##	4	1.3095			
			nan	0.0100	0.0066
##	5	1.2961	nan	0.0100	0.0064
##	6	1.2832	nan	0.0100	0.0064
##	7	1.2703	nan	0.0100	0.0064
##	8	1.2577	nan	0.0100	0.0061
##	9	1.2454	nan	0.0100	0.0061
##	10	1.2333	nan	0.0100	0.0060
##	20	1.1239	nan	0.0100	0.0051
##	40	0.9538	nan	0.0100	0.0035
##	60	0.8282	nan	0.0100	0.0026
##	80	0.7327	nan	0.0100	0.0021
##	100	0.6592	nan	0.0100	0.0021
##	120	0.6013	nan	0.0100	0.0013
##	140	0.5567	nan	0.0100	0.0009
##	160	0.5209	nan	0.0100	0.0007
##	180	0.4926	nan	0.0100	0.0006
##	200	0.4692	nan	0.0100	0.0004
##	220	0.4506	nan	0.0100	0.0003
##	240	0.4352	nan	0.0100	0.0002
##	260	0.4225	nan	0.0100	0.0002
##	280	0.4120	nan	0.0100	0.0002
##	300	0.4033	nan	0.0100	0.0001
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2522	nan	0.1000	0.0559
##	2	1.1581	nan	0.1000	0.0454
##	3	1.0829	nan	0.1000	0.0370
##	4	1.0196	nan	0.1000	0.0370
##	5	0.9666		0.1000	0.0311
	6		nan		
##	о 7	0.9210	nan	0.1000	0.0219
		0.8822	nan	0.1000	0.0187
##	8	0.8463	nan	0.1000	0.0178
##	9	0.8157	nan	0.1000	0.0147
##	10	0.7862	nan	0.1000	0.0140
##	20	0.6011	nan	0.1000	0.0062
##	40	0.4654	nan	0.1000	0.0006
##	60	0.4147	nan	0.1000	0.0005
##	80	0.3945	nan	0.1000	-0.0000
##	100	0.3807	nan	0.1000	-0.0001
##	120	0.3718	nan	0.1000	-0.0000
##	140	0.3659	nan	0.1000	-0.0002
##	160	0.3602	nan	0.1000	-0.0002
##	180	0.3558	nan	0.1000	-0.0001
##	200	0.3531	nan	0.1000	-0.0002
##	220	0.3505	nan	0.1000	-0.0001
##	240	0.3478	nan	0.1000	-0.0002
##	260	0.3455	nan	0.1000	-0.0003
##	280	0.3433	nan	0.1000	-0.0001
##	300	0.3411	nan	0.1000	-0.0006

##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2542	nan	0.1000	0.0562
##	2	1.1618	nan	0.1000	0.0458
##	3	1.0882	nan	0.1000	0.0376
##	4	1.0247	nan	0.1000	0.0308
##	5	0.9707	nan	0.1000	0.0252
##	6 7	0.9244	nan	0.1000	0.0239
##	8	0.8836 0.8458	nan nan	0.1000 0.1000	0.0201 0.0170
##	9	0.8134	nan	0.1000	0.0170
##	10	0.7837	nan	0.1000	0.0134
##	20	0.6038	nan	0.1000	0.0056
##	40	0.4670	nan	0.1000	0.0018
##	60	0.4159	nan	0.1000	-0.0000
##	80	0.3945	nan	0.1000	0.0001
##	100	0.3818	nan	0.1000	-0.0003
##	120	0.3733	nan	0.1000	-0.0000
##	140	0.3684	nan	0.1000	-0.0001
##	160	0.3642	nan	0.1000	-0.0003
##	180	0.3612	nan	0.1000	-0.0002
##	200 220	0.3580 0.3550	nan	0.1000 0.1000	-0.0002 -0.0004
##	240	0.3530	nan nan	0.1000	-0.0004
##	260	0.3507	nan	0.1000	0.0002
##	280	0.3480	nan	0.1000	-0.0004
##	300	0.3456	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2540	nan	0.1000	0.0560
##	2	1.1619	nan	0.1000	0.0437
##	3	1.0849	nan	0.1000	0.0388
##	4	1.0208	nan	0.1000	0.0311
##	5 6	0.9679	nan	0.1000	0.0262
##	7	0.9210 0.8802	nan nan	0.1000 0.1000	0.0220 0.0192
##	8	0.8463	nan	0.1000	0.0156
##	9	0.8133	nan	0.1000	0.0166
##	10	0.7838	nan	0.1000	0.0137
##	20	0.6029	nan	0.1000	0.0053
##	40	0.4632	nan	0.1000	0.0011
##	60	0.4174	nan	0.1000	0.0005
##	80	0.3947	nan	0.1000	0.0002
##	100	0.3833	nan	0.1000	0.0001
##	120 140	0.3749 0.3688	nan	0.1000 0.1000	-0.0005 -0.0001
##	160	0.3653	nan nan	0.1000	-0.0001
##	180	0.3611	nan	0.1000	-0.0005
##	200	0.3579	nan	0.1000	-0.0003
##	220	0.3553	nan	0.1000	-0.0003
##	240	0.3525	nan	0.1000	-0.0002
##	260	0.3497	nan	0.1000	-0.0002
##	280	0.3476	nan	0.1000	-0.0001
##	300	0.3459	nan	0.1000	-0.0001
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2539	nan	0.1000	0.0565
##	2	1.1635	nan	0.1000	0.0456
##	3	1.0863	nan	0.1000	0.0372
##	4	1.0225	nan	0.1000	0.0310
##	5	0.9689	nan	0.1000	0.0262
##	6	0.9262	nan	0.1000	0.0200
##	7	0.8847	nan	0.1000	0.0209
##	8	0.8478	nan	0.1000	0.0182
##	9	0.8176	nan	0.1000	0.0150
##	10 20	0.7879 0.6046	nan	0.1000 0.1000	0.0146 0.0064
##	40	0.4646	nan nan	0.1000	0.0019
##	60	0.4179	nan	0.1000	0.0019
##	80	0.3955	nan	0.1000	-0.0001
##	100	0.3828	nan	0.1000	-0.0004
##	120	0.3745	nan	0.1000	-0.0000
##	140	0.3692	nan	0.1000	-0.0007
##	160	0.3644	nan	0.1000	-0.0001
##	180	0.3607	nan	0.1000	-0.0002
##	200	0.3578	nan	0.1000	-0.0002
##	220	0.3549	nan	0.1000	-0.0002
##	240 260	0.3525 0.3494	nan nan	0.1000 0.1000	-0.0003 -0.0004
17#	200	0.3434	IIail	0.1000	-0.0004

##	280	0.3472	nan	0.1000	-0.0003
##	300	0.3452	nan	0.1000	-0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Tmprovo
##	1	1.2457	nan	0.1000	Improve 0.0583
##	2	1.1387	nan	0.1000	0.0515
##	3	1.0542	nan	0.1000	0.0428
##	4	0.9814	nan	0.1000	0.0360
##	5	0.9198	nan	0.1000	0.0302
##	6	0.8677	nan	0.1000	0.0243
##	7	0.8188	nan	0.1000	0.0236
##	8	0.7805	nan	0.1000	0.0188
##	9	0.7426	nan	0.1000	0.0188
##	10	0.7062	nan	0.1000	0.0179
##	20	0.5134	nan	0.1000	0.0066
##	40	0.4038	nan	0.1000	0.0006
##	60	0.3748	nan	0.1000	0.0002
##	80	0.3632	nan	0.1000	-0.0001
##	100	0.3480	nan	0.1000	-0.0003
##	120	0.3379	nan	0.1000	-0.0005
##	140	0.3297	nan	0.1000	-0.0002
##	160	0.3217	nan	0.1000	-0.0006
##	180	0.3121	nan	0.1000	-0.0005
##	200 220	0.3068 0.2994	nan	0.1000 0.1000	-0.0001
##	240	0.2924	nan	0.1000	-0.0002 -0.0001
##	260	0.2864	nan nan	0.1000	-0.0001
##	280	0.2818	nan	0.1000	-0.0001
##	300	0.2766	nan	0.1000	-0.0002
##	500	0.2700	nan	0.1000	-0.0004
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2432	nan	0.1000	0.0619
##	2	1.1381	nan	0.1000	0.0509
##	3	1.0511	nan	0.1000	0.0412
##	4	0.9818	nan	0.1000	0.0352
##	5	0.9189	nan	0.1000	0.0298
##	6	0.8655	nan	0.1000	0.0253
##	7	0.8190	nan	0.1000	0.0233
##	8	0.7764	nan	0.1000	0.0208
##	9	0.7407	nan	0.1000	0.0175
##	10	0.7080	nan	0.1000	0.0156
##	20	0.5091	nan	0.1000	0.0066
##	40	0.4005	nan	0.1000	0.0010
##	60	0.3729	nan	0.1000	-0.0001
##	100	0.3616	nan	0.1000	0.0001
##	100 120	0.3514 0.3415	nan	0.1000 0.1000	0.0002 -0.0001
##	140	0.3305	nan nan	0.1000	-0.0001
##	160	0.3219	nan	0.1000	-0.0001
##	180	0.3151	nan	0.1000	-0.0004
##	200	0.3091	nan	0.1000	-0.0007
##	220	0.3038	nan	0.1000	-0.0004
##	240	0.2962	nan	0.1000	-0.0007
##	260	0.2899	nan	0.1000	-0.0002
##	280	0.2848	nan	0.1000	-0.0003
##	300	0.2794	nan	0.1000	-0.0002
##					_
	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2409	nan	0.1000	0.0612
##	2	1.1442	nan	0.1000	0.0476
##	3	1.0601	nan	0.1000	0.0398
##	4 5	0.9869 0.9257	nan	0.1000	0.0370
##	6	0.9257 0.8703	nan nan	0.1000 0.1000	0.0301 0.0274
##	7	0.8269	nan nan	0.1000	0.0274
##	8	0.7849	nan	0.1000	0.0218
##	9	0.7484	nan	0.1000	0.0202
##	10	0.7145	nan	0.1000	0.0170
##	20	0.5113	nan	0.1000	0.0050
##	40	0.4042	nan	0.1000	0.0006
##	60	0.3765	nan	0.1000	-0.0000
##	80	0.3622	nan	0.1000	-0.0004
##	100	0.3514	nan	0.1000	-0.0002
##	120	0.3430	nan	0.1000	-0.0011
##	140	0.3347	nan	0.1000	-0.0005
##	160	0.3296	nan	0.1000	-0.0004
##	180	0.3222	nan	0.1000	-0.0003
##	200	0.3163	nan	0.1000	-0.0002
##	220	0.3093	nan	0.1000	-0.0002

##	240	0.3035	nan	0.1000	-0.0005
##	260	0.2984	nan	0.1000	-0.0004
##	280	0.2950	nan	0.1000	-0.0004
##	300	0.2900	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2402	nan	0.1000	0.0610
##	2	1.1388	nan	0.1000	0.0484
##	3	1.0589	nan	0.1000	0.0406
##	4	0.9842	nan	0.1000	0.0383
##	5	0.9200	nan	0.1000	0.0309
##	6	0.8690	nan	0.1000	0.0251
##	7	0.8233	nan	0.1000	0.0227
##	8	0.7801	nan	0.1000	0.0204
##	9	0.7459	nan	0.1000	0.0166
##	10	0.7136	nan	0.1000	0.0149
##	20	0.5062	nan	0.1000	0.0060
##	40	0.4020	nan	0.1000	0.0002
##	60	0.3747	nan	0.1000	-0.0000
##	80	0.3622	nan	0.1000	-0.0001
##	100	0.3524	nan	0.1000	-0.0001
##	120	0.3448	nan	0.1000	-0.0003
##	140	0.3348	nan	0.1000	-0.0002
##	160	0.3285	nan	0.1000	-0.0003
##	180	0.3229	nan	0.1000	-0.0006
##	200	0.3168	nan	0.1000	-0.0003
##	220	0.3111	nan	0.1000	-0.0003
##	240	0.3068	nan	0.1000	-0.0007
##	260	0.3026	nan	0.1000	-0.0004
##	280	0.2976	nan	0.1000	-0.0004
##	300	0.2925	nan	0.1000	-0.0002
##	500	0.2323	nan	0.1000	-0.0002
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2328		0.1000	0.0656
			nan		
##	2	1.1264	nan	0.1000	0.0528
##		1.0350	nan	0.1000	0.0441
##	4	0.9599	nan	0.1000	0.0370
##	5	0.8931	nan	0.1000	0.0313
##	6	0.8363	nan	0.1000	0.0269
##	7	0.7858	nan	0.1000	0.0256
##	8	0.7417	nan	0.1000	0.0211
##	9	0.7012	nan	0.1000	0.0196
##	10	0.6672	nan	0.1000	0.0158
##	20	0.4802	nan	0.1000	0.0053
##	40	0.3835	nan	0.1000	0.0009
##	60	0.3548	nan	0.1000	-0.0004
##	80	0.3391	nan	0.1000	-0.0002
##	100	0.3243	nan	0.1000	-0.0004
##	120	0.3071	nan	0.1000	-0.0001
##	140	0.2954	nan	0.1000	-0.0002
##	160	0.2789	nan	0.1000	-0.0003
##	180	0.2685	nan	0.1000	-0.0007
##	200	0.2572	nan	0.1000	-0.0004
##	220	0.2493	nan	0.1000	-0.0005
##	240	0.2417	nan	0.1000	-0.0004
##	260	0.2334	nan	0.1000	-0.0006
##	280	0.2259	nan	0.1000	-0.0001
##	300	0.2196	nan	0.1000	-0.0005
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2285	nan	0.1000	0.0659
##	2	1.1180	nan	0.1000	0.0537
##	3	1.0291	nan	0.1000	0.0431
##	4	0.9517	nan	0.1000	0.0373
##	5	0.8880	nan	0.1000	0.0318
##	6	0.8340	nan	0.1000	0.0271
##	7	0.7852	nan	0.1000	0.0243
##	8	0.7400	nan	0.1000	0.0213
##	9	0.7026	nan	0.1000	0.0174
##	10	0.6688	nan	0.1000	0.0161
##	20	0.4821	nan	0.1000	0.0049
##	40	0.3894	nan	0.1000	-0.0003
##	60	0.3613	nan	0.1000	-0.0000
##	80	0.3424	nan	0.1000	-0.0002
##	100	0.3303	nan	0.1000	-0.0007
##	120	0.3147	nan	0.1000	-0.0004
##	140	0.3007	nan	0.1000	-0.0010
##	160	0.2891	nan	0.1000	-0.0002
##	180	0.2795	nan	0.1000	-0.0001
1					

##	200	0.2723	nan	0.1000	-0.0004
##	220	0.2628	nan	0.1000	-0.0004
##	240	0.2547	nan	0.1000	-0.0005
##	260	0.2487	nan	0.1000	-0.0004
##	280	0.2433	nan	0.1000	-0.0005
##	300	0.2370	nan	0.1000	-0.0003
	300	0.2370	IIaII	0.1000	-0.0002
##	T1	T	V-1:48 - 1	61 61	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2329	nan	0.1000	0.0635
##	2	1.1251	nan	0.1000	0.0531
##	3	1.0330	nan	0.1000	0.0444
##	4	0.9577	nan	0.1000	0.0370
##	5	0.8898	nan	0.1000	0.0323
##	6	0.8342	nan	0.1000	0.0267
##	7	0.7855	nan	0.1000	0.0235
##	8	0.7410	nan	0.1000	0.0206
##	9	0.7048	nan	0.1000	0.0169
##	10	0.6689	nan	0.1000	0.0167
##	20	0.4813	nan	0.1000	0.0047
##	40				
		0.3873	nan	0.1000	-0.0002
##	60	0.3628	nan	0.1000	-0.0008
##	80	0.3444	nan	0.1000	-0.0002
##	100	0.3294	nan	0.1000	-0.0005
##	120	0.3183	nan	0.1000	-0.0003
##	140	0.3062	nan	0.1000	-0.0005
##	160	0.2956	nan	0.1000	-0.0007
##	180	0.2862	nan	0.1000	-0.0007
##	200	0.2766	nan	0.1000	-0.0001
##	220	0.2689	nan	0.1000	-0.0008
##	240	0.2605	nan	0.1000	-0.0004
##	260	0.2530	nan	0.1000	-0.0006
##	280	0.2476	nan	0.1000	-0.0008
##	300	0.2413		0.1000	0.0001
	300	0.2413	nan	0.1000	0.0001
##	T1	T	V-1:48 - 1	61 61	T
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2338	nan	0.1000	0.0672
##	2	1.1256	nan	0.1000	0.0543
##	3	1.0334	nan	0.1000	0.0456
##	4	0.9587	nan	0.1000	0.0363
##	5	0.8931	nan	0.1000	0.0317
##	6	0.8335	nan	0.1000	0.0285
##	7	0.7864	nan	0.1000	0.0228
##	8	0.7424	nan	0.1000	0.0212
##	9	0.7026	nan	0.1000	0.0190
##	10	0.6696	nan	0.1000	0.0160
##	20	0.4818	nan	0.1000	0.0043
##	40	0.3873	nan	0.1000	0.0003
##	60	0.3610	nan	0.1000	-0.0004
##	80	0.3427	nan	0.1000	-0.0004
##	100	0.3302	nan	0.1000	-0.0001
##	120	0.3164		0.1000	-0.0001
			nan		
##	140	0.3039	nan	0.1000	-0.0006
##	160	0.2914	nan	0.1000	-0.0003
##	180	0.2828	nan	0.1000	-0.0010
##	200	0.2743	nan	0.1000	-0.0007
##	220	0.2675	nan	0.1000	-0.0004
##	240	0.2596	nan	0.1000	-0.0003
##	260	0.2543	nan	0.1000	-0.0006
##	280	0.2488	nan	0.1000	-0.0001
##	300	0.2442	nan	0.1000	-0.0003
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2307	nan	0.1000	0.0669
##	2	1.1203	nan	0.1000	0.0555
##	3	1.0265	nan	0.1000	0.0452
##	4	0.9475	nan	0.1000	0.0390
##	5	0.8790	nan	0.1000	0.0331
##	6	0.8214	nan	0.1000	0.0268
	7				
##		0.7711	nan	0.1000	0.0236
##	8	0.7289	nan	0.1000	0.0206
##	9	0.6886	nan	0.1000	0.0193
##	10	0.6544	nan	0.1000	0.0166
##	20	0.4676	nan	0.1000	0.0059
##	40	0.3751	nan	0.1000	-0.0001
##	60	0.3421	nan	0.1000	-0.0007
##	80	0.3156	nan	0.1000	0.0000
##	100	0.2974	nan	0.1000	-0.0001
##	120	0.2778	nan	0.1000	0.0000
##	140	0.2610	nan	0.1000	-0.0002
I					

##	160	0.2462	nan	0.1000	-0.0005
##	180	0.2327	nan	0.1000	-0.0006
##	200	0.2226	nan	0.1000	-0.0006
##	220	0.2126	nan	0.1000	-0.0002
##	240	0.2040	nan	0.1000	-0.0005
##	260	0.1940	nan	0.1000	-0.0003
##	280	0.1858	nan	0.1000	-0.0004
##	300	0.1790	nan	0.1000	-0.0005
##					
## I	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2268	nan	0.1000	0.0674
##	2	1.1130	nan	0.1000	0.0542
##	3	1.0198	nan	0.1000	0.0453
##	4	0.9415	nan	0.1000	0.0361
##	5	0.8728	nan	0.1000	0.0301
##	6	0.8120		0.1000	0.0327
##	7	0.7630	nan	0.1000	0.0236
##	8		nan		
		0.7218	nan	0.1000	0.0198
##	9	0.6836	nan	0.1000	0.0174
##	10	0.6498	nan	0.1000	0.0147
##	20	0.4664	nan	0.1000	0.0043
##	40	0.3761	nan	0.1000	-0.0002
##	60	0.3444	nan	0.1000	-0.0002
##	80	0.3230	nan	0.1000	-0.0001
##	100	0.3036	nan	0.1000	-0.0001
##	120	0.2839	nan	0.1000	-0.0003
##	140	0.2700	nan	0.1000	-0.0001
##	160	0.2595	nan	0.1000	-0.0002
##	180	0.2457	nan	0.1000	-0.0003
##	200	0.2355	nan	0.1000	-0.0003
##	220	0.2265	nan	0.1000	-0.0004
##	240	0.2180	nan	0.1000	-0.0004
##	260	0.2106	nan	0.1000	-0.0004
##	280	0.2041	nan	0.1000	-0.0007
##	300	0.1956	nan	0.1000	-0.0000
##					
## I	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2268	nan	0.1000	0.0662
##	2	1.1154	nan	0.1000	0.0545
##	3	1.0201	nan	0.1000	0.0458
##	4	0.9428	nan	0.1000	0.0371
##	5	0.8770	nan	0.1000	0.0331
##	6	0.8182	nan	0.1000	0.0280
##	7	0.7695		0.1000	0.0240
##	8	0.7262	nan nan	0.1000	0.0240
##	9	0.6864		0.1000	0.0189
##	10	0.6521	nan	0.1000	0.0158
##	20	0.4664	nan	0.1000	0.0158
##	40		nan		
		0.3735	nan	0.1000	-0.0001
##	60	0.3423	nan	0.1000	-0.0006
##	80	0.3226	nan	0.1000	-0.0012
##	100	0.3072	nan	0.1000	-0.0004
##	120	0.2898	nan	0.1000	-0.0009
##	140	0.2775	nan	0.1000	-0.0002
##	160	0.2663	nan	0.1000	-0.0004
##	180	0.2553	nan	0.1000	-0.0007
##	200	0.2440	nan	0.1000	0.0000
##	220	0.2359	nan	0.1000	-0.0004
##	240	0.2274	nan	0.1000	-0.0005
##	260	0.2187	nan	0.1000	-0.0002
##	280	0.2108	nan	0.1000	-0.0004
##	300	0.2041	nan	0.1000	-0.0005
##		Tand D	V=1 1.45	C+ C :	Tarre
	iter 1	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.2284	nan	0.1000	0.0672
##	2	1.1163	nan	0.1000	0.0550
##	3	1.0226	nan	0.1000	0.0466
##	4	0.9430	nan	0.1000	0.0383
##	5	0.8774	nan	0.1000	0.0315
##	6	0.8190	nan	0.1000	0.0283
##	7	0.7694	nan	0.1000	0.0236
##	8	0.7258	nan	0.1000	0.0216
##	9	0.6851	nan	0.1000	0.0185
##	10	0.6500	nan	0.1000	0.0155
##	20	0.4648	nan	0.1000	0.0042
##	40	0.3750	nan	0.1000	0.0001
##	60	0.3431	nan	0.1000	-0.0001
##	80	0.3235	nan	0.1000	-0.0008
##	100	0.3100	nan	0.1000	-0.0008

##	120	0.2962	nan	0.1000	-0.0002
##	140	0.2820	nan	0.1000	-0.0005
##	160	0.2709	nan	0.1000	-0.0011
##	180	0.2606	nan	0.1000	-0.0009
##	200	0.2513	nan	0.1000	-0.0007
##	220	0.2424	nan	0.1000	-0.0002
##	240	0.2338	nan	0.1000	-0.0005
##	260	0.2270	nan	0.1000	-0.0010
##	280	0.2189	nan	0.1000	-0.0003
##	300	0.2124	nan	0.1000	-0.0002
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0573	nan	0.3000	0.1488
##	2	0.8997	nan	0.3000	0.0792
##	3	0.8040	nan	0.3000	0.0472
##	4	0.7232	nan	0.3000	0.0399
##	5	0.6677	nan	0.3000	0.0258
##	6	0.6152	nan	0.3000	0.0253
##	7	0.5819	nan	0.3000	0.0149
##	8	0.5539	nan	0.3000	0.0143
##	9	0.5279	nan	0.3000	0.0111
##	10	0.5038	nan	0.3000	0.0117
##	20	0.4186	nan	0.3000	0.0107
##	40	0.3747	nan	0.3000	0.0023
##	60				
		0.3632	nan	0.3000	-0.0009
##	80 100	0.3512	nan	0.3000	-0.0003
##	100	0.3453	nan	0.3000	-0.0008
##	120	0.3391	nan	0.3000	-0.0016
##	140	0.3332	nan	0.3000	-0.0006
##	160	0.3275	nan	0.3000	-0.0008
##	180	0.3241	nan	0.3000	-0.0009
##	200	0.3192	nan	0.3000	-0.0005
##	220	0.3154	nan	0.3000	-0.0016
##	240	0.3109	nan	0.3000	-0.0004
##	260	0.3064	nan	0.3000	-0.0001
##	280	0.3028	nan	0.3000	-0.0014
##	300	0.2993	nan	0.3000	-0.0006
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0727	nan	0.3000	0.1539
##	2	0.9065	nan	0.3000	0.0824
##	3	0.8053	nan	0.3000	0.0491
##	4	0.7156	nan	0.3000	0.0403
##	5	0.6640	nan	0.3000	0.0242
##	6	0.6160	nan	0.3000	0.0237
##	7	0.5813	nan	0.3000	0.0157
##	8	0.5487	nan	0.3000	0.0160
##	9	0.5255	nan	0.3000	0.0075
##	10	0.5056	nan	0.3000	0.0075
##	20	0.4151	nan	0.3000	0.0012
##	40	0.3801	nan	0.3000	0.0001
##	60	0.3639	nan	0.3000	-0.0006
##	80	0.3555	nan	0.3000	-0.0003
##	100	0.3492	nan	0.3000	-0.0015
##	120	0.3432	nan	0.3000	-0.0009
##	140	0.3378	nan	0.3000	-0.0003
##	160	0.3340	nan	0.3000	-0.0014
##	180	0.3284	nan	0.3000	-0.0005
##	200	0.3241	nan	0.3000	-0.0013
##	220	0.3186	nan	0.3000	-0.0001
##	240	0.3147	nan	0.3000	-0.0004
##	260	0.3111	nan	0.3000	-0.0011
##	280	0.3072	nan	0.3000	-0.0002
##	300	0.3043	nan	0.3000	-0.0007
##	300	0.50.5		0.5000	0.000,
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0603	nan	0.3000	0.1469
##	2	0.8934	nan	0.3000	0.0804
##	3	0.7971	nan	0.3000	0.0464
##	4	0.7111	nan	0.3000	0.0404
##	5	0.6619		0.3000	0.0224
##	6	0.6173	nan	0.3000	0.0224
##	7	0.5808	nan		0.0208
##	8		nan	0.3000	
		0.5457 0.5231	nan	0.3000	0.0155
##	9	0.5231	nan	0.3000	0.0106
##	10	0.5021	nan	0.3000	0.0104
##	20	0.4133	nan	0.3000	0.0025
##	40 60	0.3774	nan	0.3000	-0.0000
##	60	0.3639	nan	0.3000	-0.0003

##	80	0.3550	nan	0.3000	-0.0002
##	100	0.3476	nan	0.3000	-0.0006
##	120	0.3435	nan	0.3000	-0.0026
##	140	0.3360	nan	0.3000	-0.0005
##	160	0.3323	nan	0.3000	-0.0004
##	180	0.3283		0.3000	-0.0022
			nan		
##	200	0.3234	nan	0.3000	-0.0011
##	220	0.3201	nan	0.3000	-0.0005
##	240	0.3148	nan	0.3000	-0.0002
##	260	0.3110	nan	0.3000	-0.0004
##	280	0.3078	nan	0.3000	-0.0005
##	300	0.3048	nan	0.3000	-0.0005
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0766	nan	0.3000	0.1511
##	2	0.9077		0.3000	0.0843
			nan		
##	3	0.8053	nan	0.3000	0.0486
##	4	0.7171	nan	0.3000	0.0368
##	5	0.6623	nan	0.3000	0.0266
##	6	0.6157	nan	0.3000	0.0254
##	7	0.5839	nan	0.3000	0.0150
##	8	0.5527	nan	0.3000	0.0139
##	9	0.5269	nan	0.3000	0.0116
##	10	0.5009	nan	0.3000	0.0118
##	20	0.4154	nan	0.3000	-0.0001
##	40	0.3708	nan	0.3000	-0.0007
##	60	0.3585	nan	0.3000	-0.0007
##	80	0.3516	nan	0.3000	-0.0008
##	100	0.3441	nan	0.3000	-0.0005
##	120	0.3386	nan	0.3000	-0.0006
##	140	0.3336	nan	0.3000	-0.0010
##	160	0.3282	nan	0.3000	-0.0015
##	180	0.3239	nan	0.3000	-0.0009
##	200	0.3204	nan	0.3000	0.0005
##	220	0.3143	nan	0.3000	-0.0009
##	240	0.3121	nan	0.3000	-0.0001
##	260	0.3088	nan	0.3000	-0.0009
##	280	0.3046	nan	0.3000	-0.0018
##	300	0.3017	nan	0.3000	-0.0010
	300	0.3017	IIaII	0.3000	-0.0004
##	T	TrainDeviance	V-1146 - 1	61 61	T
##	Iter				
			ValidDeviance	StepSize	Improve
##	1	1.0294	nan	0.3000	0.1647
## ##	1 2			•	•
	1 2 3	1.0294 0.8416 0.7133	nan	0.3000	0.1647 0.0888 0.0625
##	1 2 3 4	1.0294 0.8416	nan nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351
## ##	1 2 3	1.0294 0.8416 0.7133	nan nan nan	0.3000 0.3000 0.3000	0.1647 0.0888 0.0625
## ## ##	1 2 3 4	1.0294 0.8416 0.7133 0.6365	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.1647 0.0888 0.0625 0.0351
## ## ## ##	1 2 3 4 5	1.0294 0.8416 0.7133 0.6365 0.5691	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320
## ## ## ## ##	1 2 3 4 5 6 7	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185
## ## ## ## ##	1 2 3 4 5 6 7 8	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084
## ## ## ## ## ##	1 2 3 4 5 6 7 8	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003
## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003
## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0019
## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0019 -0.0017
## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0019 -0.0017 -0.0017
## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017
## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0012 -0.0011
## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017
## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341	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	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0012 -0.0011
## ## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 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 0.3000 0.3000 0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0007 -0.0017 -0.0017 -0.0017 -0.0011 -0.0011
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.00017 -0.0017 -0.0017 -0.0012 -0.0011 -0.0013 -0.0010
## ## ## ## ## ## ## ## ## ## ## ## ##	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0012 -0.0011 -0.0013 -0.0010 -0.0010 -0.0010
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0017 -0.0017 -0.0017 -0.0012 -0.0011 -0.0013 -0.0010 -0.0004 -0.0003 -0.0010
######################################	1 2 3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.00017 -0.0017 -0.0017 -0.0012 -0.0011 -0.0013 -0.0010 -0.0010 -0.0004 -0.0003
######################################	1 2 3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240 260 280 290 200 200 200 200 200 200 200 200 20	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0010 -0.0004 -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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 -0.0003 -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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.00017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 -0.0003 -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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 Improve 0.1664 0.0896
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 Improve 0.1664 0.0896 0.0615
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157 0.6256	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 Improve 0.1664 0.0896 0.0615 0.0408
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 Improve 0.1664 0.0896 0.0615
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157 0.6256	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 Improve 0.1664 0.0896 0.0615 0.0408
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157 0.6256 0.5618	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0003 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 Improve 0.1664 0.0896 0.0615 0.0408 0.0281
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157 0.6256 0.5618 0.5172	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 Improve 0.1664 0.0896 0.0615 0.0408 0.0281 0.0209
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157 0.6256 0.5618 0.5172 0.4871	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.00017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 Improve 0.1664 0.0896 0.0615 0.0408 0.0281 0.0209 0.0147
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157 0.6256 0.5618 0.5172 0.4871 0.4621	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 -0.0003 -0.0004
######################################	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	1.0294 0.8416 0.7133 0.6365 0.5691 0.5215 0.4843 0.4632 0.4427 0.4295 0.3771 0.3511 0.3264 0.3020 0.2878 0.2701 0.2576 0.2456 0.2341 0.2231 0.2126 0.2010 0.1913 0.1838 0.1764 TrainDeviance 1.0283 0.8445 0.7157 0.6256 0.5618 0.5172 0.4871 0.4621 0.4508	nan	0.3000 0.3000	0.1647 0.0888 0.0625 0.0351 0.0320 0.0225 0.0185 0.0084 0.0089 0.0044 0.0003 -0.0007 -0.0017 -0.0017 -0.0017 -0.0011 -0.0013 -0.0010 -0.0004 -0.0003 -0.0004

##	40	0.3551	nan	0.3000	-0.0034
##	60	0.3303	nan	0.3000	-0.0023
##	80	0.3125	nan	0.3000	0.0001
##	100	0.3013	nan	0.3000	-0.0053
##	120	0.2882		0.3000	-0.0008
			nan		
##	140	0.2733	nan	0.3000	-0.0012
##	160	0.2605	nan	0.3000	-0.0004
##	180	0.2508	nan	0.3000	-0.0009
##	200	0.2392	nan	0.3000	-0.0005
##	220	0.2313	nan	0.3000	-0.0028
##	240	0.2216	nan	0.3000	-0.0008
##	260	0.2124	nan	0.3000	-0.0010
##	280	0.2048	nan	0.3000	-0.0013
##	300	0.1957	nan	0.3000	-0.0014
##	300	0.1337	nun	0.5000	0.0014
	T+on	TrainDaviance	ValidDaviance	C+05C+-0	Tmnmaura
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0258	nan	0.3000	0.1687
##	2	0.8439	nan	0.3000	0.0899
##	3	0.7163	nan	0.3000	0.0598
##	4	0.6384	nan	0.3000	0.0390
##	5	0.5641	nan	0.3000	0.0361
##	6	0.5153	nan	0.3000	0.0219
##	7	0.4881	nan	0.3000	0.0092
##	8	0.4650	nan	0.3000	0.0086
##	9	0.4444	nan	0.3000	0.0098
##	10	0.4272		0.3000	0.0098
			nan		
##	20	0.3819	nan	0.3000	-0.0004
##	40	0.3508	nan	0.3000	-0.0016
##	60	0.3331	nan	0.3000	-0.0025
##	80	0.3166	nan	0.3000	-0.0015
##	100	0.3013	nan	0.3000	-0.0010
##	120	0.2832	nan	0.3000	-0.0009
##	140	0.2707	nan	0.3000	-0.0013
##	160	0.2587	nan	0.3000	-0.0012
##	180	0.2493	nan	0.3000	-0.0006
##	200	0.2403	nan	0.3000	-0.0004
##	220	0.2305	nan	0.3000	-0.0008
##	240	0.2238	nan	0.3000	-0.0009
##	260	0.2152	nan	0.3000	-0.0016
##	280	0.2103	nan	0.3000	-0.0009
##	300	0.2021	nan	0.3000	-0.0011
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0430	nan	0.3000	0.1571
##	_				0.13/1
##	2	0.8553			
	2	0.8553 0.7310	nan	0.3000	0.0953
	3	0.7310	nan nan	0.3000 0.3000	0.0953 0.0606
##	3 4	0.7310 0.6480	nan nan nan	0.3000 0.3000 0.3000	0.0953 0.0606 0.0362
## ##	3 4 5	0.7310 0.6480 0.5775	nan nan nan nan	0.3000 0.3000 0.3000 0.3000	0.0953 0.0606 0.0362 0.0365
## ## ##	3 4 5 6	0.7310 0.6480 0.5775 0.5272	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242
## ## ##	3 4 5 6 7	0.7310 0.6480 0.5775 0.5272 0.4975	nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141
## ## ## ##	3 4 5 6 7 8	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109
## ## ## ## ##	3 4 5 6 7 8 9	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480	nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081
## ## ## ## ##	3 4 5 6 7 8 9	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480	nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049
## ## ## ## ## ##	3 4 5 6 7 8 9 10 20	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007
## ## ## ## ##	3 4 5 6 7 8 9 10 20 40	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480	nan nan nan nan nan nan nan nan	0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049
## ## ## ## ## ##	3 4 5 6 7 8 9 10 20	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007
## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008
## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016
## ## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009
## ## ## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80 100	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023 -0.0011
## ## ## ## ## ## ## ##	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023 -0.0011
######################################	3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022
######################################	3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180 200	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039
######################################	3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180 200 200 200	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437 0.2364	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006
######################################	3 4 5 6 7 7 8 9 10 20 40 60 80 100 120 140 160 180 200 200 200	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 220 240	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437 0.2364	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0016 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006
######################################	3 4 4 5 6 6 7 7 8 8 9 10 20 40 60 120 140 160 180 220 240 260	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437 0.2364 0.2285	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0006
######################################	3 4 4 5 6 6 7 7 8 9 9 10 20 40 60 120 140 160 180 220 240 260 280	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437 0.2364 0.2285 0.2205	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	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 180 200 240 260 280 300	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007 -0.0009
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 200 220 240 260 280 300	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007 -0.0009
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007 -0.0009
######################################	3 4 5 6 7 8 9 10 20 40 60 80 100 120 140 160 220 240 260 280 300 Iter 1 2	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2582 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147 TrainDeviance 1.0139 0.8269	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0006 -0.0007 -0.0009 Improve 0.1726 0.0895
######################################	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	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147 TrainDeviance 1.0139 0.8269 0.7050	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007 -0.0009 Improve 0.1726 0.0895 0.0586
######################################	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	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147 TrainDeviance 1.0139 0.8269 0.7050 0.6122	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007 -0.0009 Improve 0.1726 0.0895 0.0586 0.0433
######################################	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	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147 TrainDeviance 1.0139 0.8269 0.7050 0.6122 0.5334	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0006 -0.0007 -0.0007 -0.0009 Improve 0.1726 0.0895 0.0586 0.0433 0.0335
######################################	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	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147 TrainDeviance 1.0139 0.8269 0.7050 0.6122 0.5334 0.4947	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007 -0.0009 Improve 0.1726 0.0895 0.0586 0.0433 0.0335 0.0163
######################################	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	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147 TrainDeviance 1.0139 0.8269 0.7050 0.6122 0.5334	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0006 -0.0007 -0.0007 -0.0009 Improve 0.1726 0.0895 0.0586 0.0433 0.0335
######################################	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	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147 TrainDeviance 1.0139 0.8269 0.7050 0.6122 0.5334 0.4947	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007 -0.0009 Improve 0.1726 0.0895 0.0586 0.0433 0.0335 0.0163
######################################	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	0.7310 0.6480 0.5775 0.5272 0.4975 0.4698 0.4480 0.4348 0.3781 0.3524 0.3317 0.3132 0.2993 0.2870 0.2762 0.2672 0.2546 0.2437 0.2364 0.2285 0.2205 0.2147 TrainDeviance 1.0139 0.8269 0.7050 0.6122 0.5334 0.4947 0.4639	nan	0.3000 0.3000	0.0953 0.0606 0.0362 0.0365 0.0242 0.0141 0.0109 0.0081 0.0049 -0.0007 -0.0008 -0.0011 -0.0009 -0.0023 -0.0011 -0.0025 -0.0022 -0.0039 -0.0006 -0.0007 -0.0007 -0.0009 Improve 0.1726 0.0895 0.0586 0.0433 0.0335 0.0163

##	10 0	.4060	nan	0.3000	0.0037
##	20 0	.3604	nan	0.3000	-0.0007
##		.3186	nan	0.3000	-0.0007
##		.2785	nan	0.3000	-0.0021
##		.2517	nan	0.3000	-0.0014
		.2302	nan	0.3000	-0.0004
## 1	L20 0	.2129	nan	0.3000	-0.0012
## 1	L40 0	.1974	nan	0.3000	-0.0018
## 1	160 0	.1844	nan	0.3000	-0.0012
		.1682	nan	0.3000	-0.0011
		. 1535	nan	0.3000	-0.0006
				0.3000	-0.0000
		1405	nan		
		.1316	nan	0.3000	-0.0009
## 2	260 0	.1237	nan	0.3000	-0.0006
## 2	280 0	.1146	nan	0.3000	-0.0010
## 3	800 0	.1096	nan	0.3000	-0.0004
##					
## Iter	- TrainDev	iance	ValidDeviance	StepSize	Improve
##		.0058	nan	0.3000	0.1801
##		.8076			0.0954
			nan	0.3000	
##		.6826	nan	0.3000	0.0615
##		.6030	nan	0.3000	0.0371
##	5 0	.5423	nan	0.3000	0.0280
##	6 0	. 4939	nan	0.3000	0.0249
##	7 0	.4656	nan	0.3000	0.0116
##		.4409	nan	0.3000	0.0101
##		.4266	nan	0.3000	0.0034
##		.4142			0.0034
			nan	0.3000	
##		.3663	nan	0.3000	-0.0010
##		.3175	nan	0.3000	-0.0017
##	60 0	.2856	nan	0.3000	-0.0010
##	80 0	.2682	nan	0.3000	-0.0013
## 1	100 0	.2497	nan	0.3000	-0.0012
## 1		.2327	nan	0.3000	-0.0010
		.2167	nan	0.3000	-0.0015
		1971	nan	0.3000	-0.0017
		. 1856	nan	0.3000	-0.0020
## 2	200 0	. 1731	nan	0.3000	-0.0009
## 2	220 0	.1601	nan	0.3000	-0.0013
## 2	240 0	.1507	nan	0.3000	-0.0012
## 2	260 0	.1388	nan	0.3000	-0.0003
## 2	280 0	.1303		0 2000	0 0011
	.00 0		nan	0.3000	-0.0011
			nan nan	0.3000 0.3000	-0.0011 -0.0012
## 3		. 1223	nan nan	0.3000	-0.0011
## 3 ##	800 0	.1223	nan	0.3000	-0.0012
## 3 ## ## Iter	300 0 TrainDev	.1223 riance	nan ValidDeviance	0.3000 StepSize	-0.0012 Improve
## 3 ## ## Iter ##	300 0 - TrainDev 1 0	1223 riance 1.9991	nan ValidDeviance nan	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798
## 3 ## ## Iter ##	TrainDev 1 0 2 0	iance .9991	nan ValidDeviance	0.3000 StepSize 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870
## 3 ## ## Iter ##	TrainDev 1 0 2 0 3 0	1223 riance 1.9991	nan ValidDeviance nan	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798
## 3 ## ## Iter ##	TrainDev 1 0 2 0 3 0	iance .9991	nan ValidDeviance nan nan	0.3000 StepSize 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870
## 3 ## ## Iter ## ##	TrainDev 1 0 2 0 3 0 4 0	iance 1.9991 1.8126 1.6897	nan ValidDeviance nan nan nan	0.3000 StepSize 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593
## 3 ## ## Iter ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0	iance .9991 .8126 .6897	nan ValidDeviance nan nan nan	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400
## 3 ## Iter ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0	riance 0.9991 0.8126 0.6897 0.6043 0.5473	nan ValidDeviance nan nan nan nan	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272
## 3 ## Iter ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0	riance 0.9991 0.8126 0.6897 0.6043 0.5473 0.5012	nan ValidDeviance nan nan nan nan nan nan nan	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117
## 3 ## Iter ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545	nan ValidDeviance nan nan nan nan nan nan nan nan	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039
## 3 ## Iter ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350	nan ValidDeviance nan nan nan nan nan nan nan nan nan	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055
## 3 ## Iter ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051
## 3 ## ## Iter ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017
## 3 ## Iter ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039
## 3 ## ## Iter ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0009
## 3 ## ## Iter ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0009
## 3 ## ## Iter ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0009
## 3 ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 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	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0009
## 3 ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 80 0 80 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2829 1.2608	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 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	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0009 -0.0011 -0.0010
## 3 ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 00 0 00 00 0 00 00 0	iance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2829 1.2608 1.2431 1.2279	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0010 -0.0012 -0.0012
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 80 0 80 0 80 0 80 0 80 0 8	riance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2608 1.2279 1.2126	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 00 20 0 00 40 0 60 0 00 80 0 80 0	riance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2608 1.2279 1.2126 1.2027	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 10 0 10 0 10 0 10 0 10 0 10 0 1	riance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2608 1.2126 1.2279 1.2126 1.2027 1.1920	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0017 -0.0013
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 60 0 60 0 80 0 60 0 60 0 6	riance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2829 1.2608 1.2126 1.2279 1.2126 1.2027 1.1920 1.1794	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0012 -0.0012 -0.0025 -0.0011 -0.0013 -0.0008
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 120 0 140 0 160 0 180 0 1	riance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2829 1.2608 1.2126 1.2279 1.2126 1.2027 1.1920 1.1794 1.1679	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0017 -0.0013 -0.0013 -0.0008
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 60 0 60 0 60 0 60 0 60 0 6	riance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2829 1.2608 1.2126 1.2279 1.2126 1.2027 1.1920 1.1794	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0017 -0.0013 -0.0008
## 3 ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 60 0 60 0 60 0 60 0 60 0 6	riance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2829 1.2608 1.2126 1.2279 1.2126 1.2027 1.1920 1.1794 1.1679	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0017 -0.0013 -0.0013 -0.0008
## 3 ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 0 120 0 140 0 120 0 140 0 120 0 140 0 120 0 140 0 120 0 140 0 120 0 140 0 120 0	ince .9991 .8126 .6897 .6043 .5473 .5012 .4709 .4545 .4350 .4216 .3658 .3263 .2991 .2829 .2608 .2431 .2279 .2126 .2027 .1920 .1794 .1679 .1569 .1494	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0017 -0.0013 -0.0013 -0.0008 -0.0009
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 0 120 0 140 0 120 0 140 0 120 0 140 0 120 0 140 0 120 0 140 0 120 0 140 0 120 0	riance 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2829 1.2608 1.2126 1.2279 1.2126 1.2027 1.1920 1.1794 1.1679 1.1569	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0017 -0.0013 -0.0013 -0.0008 -0.0009 -0.0009
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1	ince .9991 .8126 .6897 .6043 .5473 .5012 .4709 .4545 .4350 .4216 .3658 .3263 .2991 .2829 .2608 .2431 .2279 .2126 .2027 .1920 .1794 .1679 .1569 .1494 .1411	nan ValidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0008 -0.0009 -0.0009 -0.0009
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev TrainDev TrainDev TrainDev TrainDev TrainDev TrainDev TrainDev	innce 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2608 1.2431 1.2279 1.2126 1.2027 1.1920 1.1794 1.1679 1.1569 1.1494 1.1411 1.1ance	NalidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0009 -0.0009 -0.0009
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 00 20 0 00 40 0 00 20 0	innce .9991 .8126 .6897 .6043 .5473 .5012 .4709 .4545 .4350 .4216 .3658 .3263 .2991 .2829 .2608 .2431 .2279 .2126 .2027 .1920 .1794 .1679 .1569 .1494 .1411	NalidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0009 -0.0009 -0.0009 -0.0009
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 60 0 80 0 60 0 80 0 60 0 6	innce .9991 .8126 .6897 .6043 .5473 .5012 .4709 .4545 .4350 .4216 .3658 .3263 .2991 .2829 .2608 .2431 .2279 .2126 .2027 .1920 .1794 .1679 .1569 .1494 .1411	NalidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0009 -0.0009 -0.0009 -0.0009 -0.0009 Improve 0.1756 0.0958
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 60 0 80 0 60 0 60 0 60 0 6	innce .9991 .8126 .6897 .6043 .5473 .5012 .4709 .4545 .4350 .4216 .3658 .3263 .2991 .2829 .2608 .2431 .2279 .2126 .2027 .1920 .1794 .1679 .1569 .1494 .1411 .1ance0060 .8116 .6848	NalidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0009 -0.0009 -0.0009 -0.0009 -0.0009 Improve 0.1756 0.0958 0.0619
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 00 20 0 00 40 0 00 20 0	innce .9991 .8126 .6897 .6043 .5473 .5012 .4709 .4545 .4350 .4216 .3658 .3263 .2991 .2829 .2608 .2431 .2279 .2126 .2027 .1920 .1794 .1679 .1569 .1494 .1411	NalidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0009 -0.0009 -0.0009 -0.0009 -0.0009 Improve 0.1756 0.0958
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 60 0 80 0 60 0 80 0 60 0 6	innce .9991 .8126 .6897 .6043 .5473 .5012 .4709 .4545 .4350 .4216 .3658 .3263 .2991 .2829 .2608 .2431 .2279 .2126 .2027 .1920 .1794 .1679 .1569 .1494 .1411 .1ance0060 .8116 .6848	NalidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0009 -0.0009 -0.0009 -0.0009 -0.0009 Improve 0.1756 0.0958 0.0619
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 60 0 80 0 60 0 80 0 60 0 6	innce 1.9991 1.8126 1.6897 1.6043 1.5473 1.5012 1.4709 1.4545 1.4350 1.4216 1.3658 1.3263 1.2991 1.2829 1.2608 1.2431 1.2279 1.2126 1.2027 1.1920 1.1794 1.1679 1.1569 1.1494 1.1411 1.1ance 1.0060 1.8116 1.6848 1.5995	NalidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0009 -0.0009 -0.0009 -0.0009 -0.0009 Improve 0.1756 0.0958 0.0619 0.0415
## 3 ## ## Iter ## ## ## ## ## ## ## ## ## ## ## ## ##	TrainDev 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 20 0 40 0 60 0 80 0 60 0 80 0 60 0 80 0 60 0 6	innce .9991 .8126 .6897 .6043 .5473 .5012 .4709 .4545 .4350 .4216 .3658 .3263 .2991 .2829 .2608 .2431 .2279 .2126 .2027 .1920 .1794 .1679 .1569 .1494 .1411 .1ance0060 .8116 .6848 .5995	NalidDeviance nan nan nan nan nan nan nan nan nan na	0.3000 StepSize 0.3000	-0.0012 Improve 0.1798 0.0870 0.0593 0.0400 0.0272 0.0209 0.0117 0.0039 0.0055 0.0051 -0.0017 -0.0039 -0.0011 -0.0010 -0.0012 -0.0025 -0.0011 -0.0013 -0.0013 -0.0009 -0.0009 -0.0009 Improve 0.1756 0.0958 0.0619 0.0415 0.0241

##	8	0.4410	nan	0.3000	0.0096
##	9	0.4231	nan	0.3000	0.0065
##	10	0.4086	nan	0.3000	0.0027
##	20	0.3622	nan	0.3000	-0.0035
##	40	0.3229			-0.0018
			nan	0.3000	
##	60	0.2954	nan	0.3000	-0.0006
##	80	0.2731	nan	0.3000	-0.0007
##	100	0.2545	nan	0.3000	-0.0008
##	120	0.2419	nan	0.3000	-0.0008
##	140	0.2258	nan	0.3000	-0.0017
##	160	0.2136	nan	0.3000	-0.0005
##	180	0.2007	nan	0.3000	-0.0011
##	200	0.1907	nan	0.3000	-0.0006
				0.3000	
##	220	0.1794	nan		-0.0011
##	240	0.1670	nan	0.3000	-0.0016
##	260	0.1576	nan	0.3000	-0.0011
##	280	0.1491	nan	0.3000	-0.0010
##	300	0.1407	nan	0.3000	-0.0010
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	1.0004	nan	0.3000	0.1829
##	2	0.8061	nan	0.3000	0.0948
	3				
##		0.6705	nan	0.3000	0.0635
##	4	0.5837	nan	0.3000	0.0413
##	5	0.5295	nan	0.3000	0.0248
##	6	0.4848	nan	0.3000	0.0196
##	7	0.4537	nan	0.3000	0.0140
##	8	0.4308	nan	0.3000	0.0070
##	9	0.4173	nan	0.3000	0.0056
##	10	0.4047	nan	0.3000	0.0030
##	20	0.3468	nan	0.3000	-0.0000
##	40	0.2874	nan	0.3000	-0.0017
##	60	0.2451	nan	0.3000	-0.0017
##	80	0.2141	nan	0.3000	-0.0008
##	100	0.1916	nan	0.3000	-0.0016
##	120	0.1696	nan	0.3000	0.0003
##	140	0.1496	nan	0.3000	-0.0003
##	160	0.1327	nan	0.3000	-0.0015
##	180	0.1194	nan	0.3000	-0.0019
##	200	0.1088	nan	0.3000	-0.0028
##	220	0.0981	nan	0.3000	-0.0008
##	240	0.0884	nan	0.3000	-0.0005
##	260	0.0814	nan	0.3000	-0.0006
##	280	0.0731	nan	0.3000	-0.0005
##	300	0.0670	nan	0.3000	-0.0004
##					
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9937	nan	0.3000	0.1829
##	2	0.7914	nan	0.3000	0.0968
##	3 4	0.6679	nan	0.3000	0.0596
##		0.5871	nan	0.3000	0.0386
##	5	0.5283	nan	0.3000	0.0271
##	6	0.4842	nan	0.3000	0.0185
##	7	0.4521	nan	0.3000	0.0135
##	8	0.4327	nan	0.3000	0.0069
##	9	0.4124	nan	0.3000	0.0053
##	10	0.4035	nan	0.3000	0.0023
##	20	0.3548	nan	0.3000	-0.0011
##	40	0.3032	nan	0.3000	-0.0016
##	60	0.2662	nan	0.3000	-0.0022
##	80	0.2369		0.3000	-0.0022
			nan		
##	100	0.2113	nan	0.3000	-0.0014
##	120	0.1892	nan	0.3000	-0.0026
##	140	0.1680	nan	0.3000	-0.0014
##	160	0.1506	nan	0.3000	-0.0008
##	180	0.1362	nan	0.3000	-0.0007
##	200	0.1235	nan	0.3000	-0.0011
##	220	0.1114	nan	0.3000	-0.0003
##	240	0.1030	nan	0.3000	-0.0010
##	260	0.0966	nan	0.3000	-0.0010
##	280	0.0885	nan	0.3000	-0.0006
##	300	0.0832	nan	0.3000	-0.0007
##					_
##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
##	1	0.9921	nan	0.3000	0.1832
##	2	0.7941	nan	0.3000	0.0993
				0 2000	0 0500
##	3	0.6728	nan	0.3000	0.0593
## ##	3 4		nan nan	0.3000	0.0593
		0.6728 0.5836 0.5234			

### 7						
### 7	##	6	0.4877	nan	0.3000	0.0131
### 9	##	7	0.4610	nan	0.3000	0.0089
### 10	##	8	0.4363	nan	0.3000	0.0099
### 10	##		0.4213	nan	0.3000	0.0053
## 20	##			nan		0.0037
### 40	##			nan		-0.0014
### 60	##			nan		-0.0012
## 100	##					-0.0006
### 100	##					-0.0007
### 120 0.1991	##					-0.0019
### 140	##					-0.0008
### 160	##					-0.0017
### 180						
### 200						
## 220	##					
### 240						
### 260						
## 280 0.0979 nan 0.3000 -0.000 ## 300 0.0910 nan 0.3000 -0.000 ## Iter TrainDeviance ValidDeviance StepSize Improv ## 1 1 1.0020 nan 0.3000 0.176 ## 2 0.7998 nan 0.3000 0.094 ## 3 0.6759 nan 0.3000 0.0300 ## 5 0.5275 nan 0.3000 0.025 ## 6 0.4851 nan 0.3000 0.017 ## 7 0.4562 nan 0.3000 0.012 ## 9 0.4166 nan 0.3000 0.016 ## 40 0.3055 nan 0.3000 0.001 ## 40 0.3055 nan 0.3000 0.001 ## 40 0.3055 nan 0.3000 0.001 ## 40 0.3055 nan 0.3000 0.002 ## 40 0.2712 nan 0.3000 -0.002 ## 40 0.2742 nan 0.3000 -0.001 ## 100 0.2242 nan 0.3000 -0.001 ## 120 0.2050 nan 0.3000 -0.001 ## 140 0.1925 nan 0.3000 -0.002 ## 140 0.1720 nan 0.3000 -0.002 ## 140 0.1925 nan 0.3000 -0.002 ## 150 0.1468 nan 0.3000 -0.002 ## 160 0.1720 nan 0.3000 -0.002 ## 180 0.1564 nan 0.3000 -0.002 ## 200 0.1468 nan 0.3000 -0.003 ## 200 0.1468 nan 0.3000 -0.003 ## 30 0.0991 nan 0.3000 -0.003 ## 30 0.0991 nan 0.3000 0.003						
### 300 0.0910 nan 0.3000 -0.000 ## ### Iter TrainDeviance ValidDeviance StepSize Improv ## 1 1.0020 nan 0.3000 0.176 ### 2 0.7998 nan 0.3000 0.095 ### 3 0.6759 nan 0.3000 0.043 ### 5 0.5275 nan 0.3000 0.025 ### 6 0.4851 nan 0.3000 0.017 ### 7 0.4562 nan 0.3000 0.012 ### 9 0.4166 nan 0.3000 0.001 ### 10 0.4026 nan 0.3000 0.005 ### 40 0.3055 nan 0.3000 0.005 ### 40 0.3055 nan 0.3000 0.005 ### 80 0.2485 nan 0.3000 -0.001 ### 80 0.2485 nan 0.3000 -0.001 ### 100 0.2242 nan 0.3000 -0.001 ### 100 0.2242 nan 0.3000 -0.001 ### 140 0.1925 nan 0.3000 -0.001 ### 140 0.1925 nan 0.3000 -0.001 ### 180 0.1564 nan 0.3000 -0.001 ### 180 0.1564 nan 0.3000 -0.002 ### 200 0.3468 nan 0.3000 -0.001 ### 200 0.1468 nan 0.3000 -0.001 ### 200 0.1468 nan 0.3000 -0.002 ### 280 0.1668 nan 0.3000 -0.002 ### 280 0.1668 nan 0.3000 -0.002 ### 280 0.1068 nan 0.3000 -0.001 ### 300 0.0991 nan 0.3000 -0.001 ### 40 0.10264 nan 0.3000 -0.001 ### 30 0.556 ### 30 0.1068 nan 0.3000 -0.002 ### 30 0.0991 nan 0.3000 -0.001 ### 30 0.0991 nan 0.3000 -0.001 ### 30 0.0991 nan 0.3000 0.003 ### 30 0.0991 nan 0.3000 0.003 ### 30 0.0991 nan 0.3000 0.003 ### 30 0.6853 nan 0.3000 0.003 ### 40 0.1066 nan 0.3000 0.003 ### 40 0.1066 nan 0.3000 0.003 ### 40 0.1060 nan 0.3000 0.003 ### 50 0.5466 nan 0.3000 0.003 ### 50 0.54761 nan 0.3000 0.003 ### 50 0.5466 nan 0.3000 0.003 ### 50 0.5466 nan 0.3000 0.003 ### 50 0.5466 nan 0.3000 0.003 ### 50 0.58666 nan 0.3000 0.003 ### 50 0.5466 nan 0.3000 0.003 ### 50 0.58666 nan 0.3000 0.003 ### 50 0.5466 nan 0.3000 0.003 ### 50 0.5466 nan 0.3000 0.003 ### 50 0.4438 nan 0.3000 0.004	##					
### Iter TrainDeviance ValidDeviance StepSize Improvement of the step of the s	##					-0.0008
## Iter TrainDeviance ValidDeviance StepSize Improvement of the province of the provement o	##	300	0.0910	nan	0.3000	-0.0005
### 1 1.0020	##					
### 2 0.7998				ValidDeviance		Improve
###	##		1.0020	nan	0.3000	0.1766
###	##	2	0.7998	nan	0.3000	0.0946
### 4 0.5875	##			nan		0.0580
### 5 0.5275	##					0.0430
### 6	##					0.0259
### 7 0.4562	##					0.0179
### 8 0.4332	##					
### 9 0.4166	##					
### 10 0.4026						
## 20 0.3499						
## 40 0.3055	##					
## 60 0.2712	##					-0.0025
## 80 0.2485	##					-0.0018
### 100 0.2242 nan 0.3000 -0.002 ### 120 0.2050 nan 0.3000 -0.001 ### 140 0.1925 nan 0.3000 -0.002 ### 180 0.1720 nan 0.3000 -0.001 ### 200 0.1468 nan 0.3000 -0.002 ### 220 0.1365 nan 0.3000 -0.002 ### 240 0.1264 nan 0.3000 -0.002 ### 280 0.1177 nan 0.3000 -0.001 ### 300 0.0991 nan 0.3000 -0.001 ### 1 1 1.0212 nan 0.3000 -0.001 ### 2 0.8233 nan 0.3000 0.168 ### 2 0.8233 nan 0.3000 0.093 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.003 ### 5 0.5466 nan 0.3000 0.031 ### 6 0.5073 nan 0.3000 0.013 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.008 ### 9 0.4338 nan 0.3000 0.008 ### 9 0.4338 nan 0.3000 0.008	##					-0.0016
### 120 0.2050	##			nan		-0.0019
### 140 0.1925	##	100	0.2242	nan	0.3000	-0.0021
### 140 0.1925	##	120	0.2050	nan	0.3000	-0.0019
### 160 0.1720 nan 0.3000 -0.002 ### 180 0.1564 nan 0.3000 -0.001 ### 200 0.1468 nan 0.3000 -0.002 ### 240 0.1264 nan 0.3000 -0.002 ### 260 0.1177 nan 0.3000 -0.001 ### 300 0.0991 nan 0.3000 -0.001 ### Iter TrainDeviance ValidDeviance StepSize Improv ### 1 1.0212 nan 0.3000 0.168 ### 2 0.8233 nan 0.3000 0.093 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.033 ### 5 0.5466 nan 0.3000 0.031 ### 6 0.5073 nan 0.3000 0.013 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.014 ### 9 0.4338 nan 0.3000 0.008	##	140			0.3000	-0.0005
### 180 0.1564 nan 0.3000 -0.001 ### 200 0.1468 nan 0.3000 -0.002 ### 220 0.1365 nan 0.3000 -0.002 ### 240 0.1264 nan 0.3000 -0.002 ### 280 0.1068 nan 0.3000 -0.002 ### 300 0.0991 nan 0.3000 -0.001 ### ### Iter TrainDeviance ValidDeviance StepSize Improv ### 2 0.8233 nan 0.3000 0.168 ### 2 0.8233 nan 0.3000 0.093 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.065 ### 5 0.5466 nan 0.3000 0.031 ### 6 0.5073 nan 0.3000 0.017 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.014 ### 9 0.4338 nan 0.3000 0.008	##					-0.0026
### 200 0.1468 nan 0.3000 -0.0000 ### 220 0.1365 nan 0.3000 -0.0000 ### 240 0.1264 nan 0.3000 -0.0000 ### 280 0.1068 nan 0.3000 -0.0000 ### 300 0.0991 nan 0.3000 -0.0001 ### Iter TrainDeviance ValidDeviance StepSize Improv ### 1 1.0212 nan 0.3000 0.168 ### 2 0.8233 nan 0.3000 0.0993 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.065 ### 5 0.5466 nan 0.3000 0.033 ### 6 0.5073 nan 0.3000 0.017 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.013 ### 9 0.4338 nan 0.3000 0.008	##					-0.0010
### 220 0.1365 nan 0.3000 -0.002 ### 240 0.1264 nan 0.3000 -0.000 ### 280 0.1177 nan 0.3000 -0.000 ### 300 0.0991 nan 0.3000 -0.001 ### Iter TrainDeviance ValidDeviance StepSize Improv ### 1 1.0212 nan 0.3000 0.168 ### 2 0.8233 nan 0.3000 0.093 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.033 ### 5 0.5466 nan 0.3000 0.033 ### 6 0.5073 nan 0.3000 0.017 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.013 ### 9 0.4338 nan 0.3000 0.008	##					-0.0002
### 240 0.1264 nan 0.3000 -0.0000 ### 260 0.1177 nan 0.3000 -0.0010 ### 300 0.1068 nan 0.3000 -0.00010 ### Iter TrainDeviance ValidDeviance StepSize Improv ### 1 1.0212 nan 0.3000 0.168 ### 2 0.8233 nan 0.3000 0.093 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.033 ### 5 0.5466 nan 0.3000 0.031 ### 6 0.5073 nan 0.3000 0.017 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.013 ### 9 0.4338 nan 0.3000 0.008						
### 260 0.1177 nan 0.3000 -0.001 ### 280 0.1068 nan 0.3000 -0.0001 ### 300 0.0991 nan 0.3000 -0.0001 ### Iter TrainDeviance ValidDeviance StepSize Improv ### 1 1.0212 nan 0.3000 0.168 ### 2 0.8233 nan 0.3000 0.093 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.033 ### 5 0.5466 nan 0.3000 0.031 ### 6 0.5073 nan 0.3000 0.017 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.013 ### 9 0.4338 nan 0.3000 0.008						
## 280 0.1068 nan 0.3000 -0.0001 ## 300 0.0991 nan 0.3000 -0.0001 ## ## Iter TrainDeviance ValidDeviance StepSize Improv ## 1 1.0212 nan 0.3000 0.168 ## 2 0.8233 nan 0.3000 0.093 ## 3 0.6853 nan 0.3000 0.065 ## 4 0.6106 nan 0.3000 0.033 ## 5 0.5466 nan 0.3000 0.031 ## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.013 ## 9 0.4338 nan 0.3000 0.008						
## 300 0.0991 nan 0.3000 -0.001 ## ## Iter TrainDeviance ValidDeviance StepSize Improv ## 1 1.0212 nan 0.3000 0.168 ## 2 0.8233 nan 0.3000 0.093 ## 3 0.6853 nan 0.3000 0.065 ## 4 0.6106 nan 0.3000 0.033 ## 5 0.5466 nan 0.3000 0.031 ## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008 ## 9 0.4338 nan 0.3000 0.008						
## Iter TrainDeviance ValidDeviance StepSize Improv ## 1 1.0212 nan 0.3000 0.168 ## 2 0.8233 nan 0.3000 0.093 ## 3 0.6853 nan 0.3000 0.065 ## 4 0.6106 nan 0.3000 0.033 ## 5 0.5466 nan 0.3000 0.031 ## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008 ## 9 0.4338 nan 0.3000 0.008	##					-0.0003
## Iter TrainDeviance ValidDeviance StepSize Improv ## 1 1.0212 nan 0.3000 0.168 ## 2 0.8233 nan 0.3000 0.093 ## 3 0.6853 nan 0.3000 0.065 ## 4 0.6106 nan 0.3000 0.033 ## 5 0.5466 nan 0.3000 0.031 ## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008	##	300	0.0991	nan	0.3000	-0.0011
## 1 1.0212 nan 0.3000 0.168 ## 2 0.8233 nan 0.3000 0.093 ## 3 0.6853 nan 0.3000 0.065 ## 4 0.6106 nan 0.3000 0.033 ## 5 0.5466 nan 0.3000 0.031 ## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008 ## 10 0.4195 nan 0.3000 0.004	##					
### 2 0.8233 nan 0.3000 0.093 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.033 ### 5 0.5466 nan 0.3000 0.031 ### 6 0.5073 nan 0.3000 0.017 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.011 ### 9 0.4338 nan 0.3000 0.008 ### 10 0.4195 nan 0.3000 0.004	##	Iter	TrainDeviance	ValidDeviance	StepSize	Improve
### 2 0.8233 nan 0.3000 0.093 ### 3 0.6853 nan 0.3000 0.065 ### 4 0.6106 nan 0.3000 0.033 ### 5 0.5466 nan 0.3000 0.031 ### 6 0.5073 nan 0.3000 0.017 ### 7 0.4761 nan 0.3000 0.013 ### 8 0.4521 nan 0.3000 0.011 ### 9 0.4338 nan 0.3000 0.008 ### 10 0.4195 nan 0.3000 0.004	##	1	1.0212		0.3000	0.1685
## 3 0.6853 nan 0.3000 0.065 ## 4 0.6106 nan 0.3000 0.033 ## 5 0.5466 nan 0.3000 0.031 ## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008 ## 10 0.4195 nan 0.3000 0.004	##					0.0935
## 4 0.6106 nan 0.3000 0.033 ## 5 0.5466 nan 0.3000 0.031 ## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008 ## 10 0.4195 nan 0.3000 0.004	##					0.0656
## 5 0.5466 nan 0.3000 0.031 ## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008	##					0.0331
## 6 0.5073 nan 0.3000 0.017 ## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008 ## 10 0.4195 nan 0.3000 0.004						
## 7 0.4761 nan 0.3000 0.013 ## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008 ## 10 0.4195 nan 0.3000 0.004						
## 8 0.4521 nan 0.3000 0.011 ## 9 0.4338 nan 0.3000 0.008 ## 10 0.4195 nan 0.3000 0.004						
## 9 0.4338 nan 0.3000 0.008 ## 10 0.4195 nan 0.3000 0.004						
## 10 0.4195 nan 0.3000 0.004	##					0.0113
	##					0.0089
## 20 0.3701 nan 0.3000 -0.002	##			nan		0.0048
	##	20	0.3701	nan	0.3000	-0.0025

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

[#] confusion matrix of the GBM model
confusionMatrix(gbm.preds, test\$Class)

```
## Confusion Matrix and Statistics
##
##
            Reference
## Prediction Cammeo Osmancik
##
    Cammeo
                451
                         36
                         618
##
    0smancik
                 38
##
##
                 Accuracy : 0.9353
##
                   95% CI: (0.9194, 0.9488)
##
      No Information Rate : 0.5722
##
      P-Value [Acc > NIR] : <2e-16
##
##
                    Kappa : 0.8677
##
##
   Mcnemar's Test P-Value : 0.9075
##
##
              Sensitivity : 0.9223
##
              Specificity: 0.9450
           Pos Pred Value : 0.9261
##
           Neg Pred Value : 0.9421
##
               Prevalence: 0.4278
##
##
           Detection Rate: 0.3946
      Detection Prevalence : 0.4261
##
##
        Balanced Accuracy : 0.9336
##
          'Positive' Class : Cammeo
##
```

##