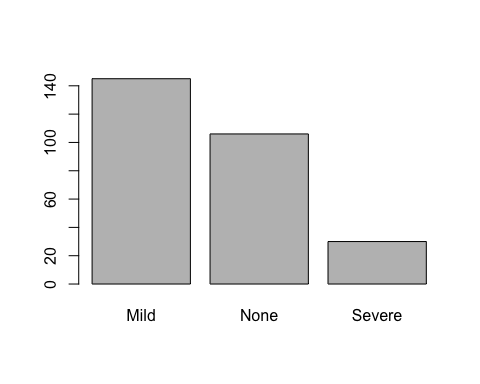
Ex13

Chathrua Gunasekara

1.a

## Loading required package: lattice  
## Loading required package: ggplot2



## [1] 82

## [1] 281 102

## NULL

## Loading required package: mda  
## Loading required package: class  
## Loaded mda 0.4-4

## Warning: model fit failed for Resample01: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses=2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses=2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses=2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses=2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample19: subclasses=2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample19: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses=2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses=2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses=4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample25: subclasses=3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample25: subclasses=5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(trainX, y = trainY, method = "mda", metric =  
## "Kappa", : missing values found in aggregated results

## Mixture Discriminant Analysis   
##   
## 225 samples  
## 96 predictor  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## subclasses Accuracy Kappa Accuracy SD Kappa SD   
## 1 0.4147867 0.06493779 0.05669857 0.08595415  
## 2 0.4277151 0.06700816 0.05111693 0.06732612  
## 3 0.4374076 0.07329685 0.04431482 0.06023438  
## 4 0.4054427 0.06048915 0.03079522 0.04659925  
## 5 NaN NaN NA NA  
##   
## Kappa was used to select the optimal model using the largest value.  
## The final value used for the model was subclasses = 3.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 19 10 4  
## None 8 9 1  
## Severe 2 2 1  
##   
## Overall Statistics  
##   
## Accuracy : 0.5179   
## 95% CI : (0.3803, 0.6534)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.5537   
##   
## Kappa : 0.1462   
## Mcnemar's Test P-Value : 0.7477   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.6552 0.4286 0.16667  
## Specificity 0.4815 0.7429 0.92000  
## Pos Pred Value 0.5758 0.5000 0.20000  
## Neg Pred Value 0.5652 0.6842 0.90196  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.3393 0.1607 0.01786  
## Detection Prevalence 0.5893 0.3214 0.08929  
## Balanced Accuracy 0.5683 0.5857 0.54333

## Loading required package: pROC  
## Type 'citation("pROC")' for a citation.  
##   
## Attaching package: 'pROC'  
##   
## The following objects are masked from 'package:stats':  
##   
## cov, smooth, var

## Loading required package: nnet

## Warning: model fit failed for Resample01: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample01: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample01: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample01: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample02: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample02: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample02: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample02: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample03: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample03: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample03: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample03: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample04: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample04: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample04: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample04: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample05: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample05: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample05: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample05: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample06: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample06: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample06: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample06: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample07: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample07: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample07: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample07: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample08: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample08: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample08: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample08: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample09: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample09: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample09: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample09: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample10: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample10: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample10: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample10: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample11: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample11: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample11: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample11: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample12: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample12: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample12: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample12: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample13: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample13: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample13: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample13: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample14: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample14: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample14: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample14: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample15: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample15: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample15: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample15: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample16: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample16: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample16: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample16: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample17: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample17: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample17: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample17: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample18: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample18: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample18: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample18: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample19: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample19: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample19: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample19: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample20: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample20: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample20: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample20: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample21: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample21: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample21: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample21: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample22: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample22: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample22: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample22: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample23: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample23: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample23: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample23: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample24: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample24: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample24: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample24: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample25: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample25: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample25: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning: model fit failed for Resample25: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1003) weights

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(x = trainX, y = trainY, method = "nnet", metric =  
## "Kappa", : missing values found in aggregated results

## Neural Network   
##   
## 225 samples  
## 96 predictor  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## Pre-processing: spatial sign transformation, scaled, centered   
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## size decay Accuracy Kappa Accuracy SD Kappa SD   
## 1 0.0 0.4289141 0.0326286744 0.09046435 0.085089226  
## 1 0.1 0.4488504 0.0065908322 0.04784009 0.069368524  
## 1 1.0 0.4900995 0.0214201266 0.04118108 0.068311965  
## 1 2.0 0.5029356 0.0008028098 0.07226298 0.004014049  
## 2 0.0 0.4224692 0.0263324553 0.05417358 0.083776274  
## 2 0.1 0.4441252 0.0219952243 0.04907348 0.077544251  
## 2 1.0 0.4784681 0.0133524153 0.04216281 0.061618224  
## 2 2.0 0.4993217 -0.0035939612 0.07255492 0.013751678  
## 3 0.0 0.4220420 0.0099264254 0.05745205 0.070112890  
## 3 0.1 0.4546246 0.0371646791 0.04424304 0.078261700  
## 3 1.0 0.4749915 0.0061792996 0.04338129 0.065036370  
## 3 2.0 0.4984615 -0.0049410626 0.07274019 0.017130833  
## 4 0.0 0.4301676 0.0163476185 0.04810335 0.073331794  
## 4 0.1 0.4484326 0.0331254150 0.04333530 0.064402697  
## 4 1.0 0.4780298 0.0126032943 0.04135043 0.060410239  
## 4 2.0 0.4984038 -0.0050865747 0.07307422 0.018720649  
## 5 0.0 0.4484554 0.0379517062 0.05341058 0.089050974  
## 5 0.1 0.4523138 0.0326610353 0.04655052 0.077394198  
## 5 1.0 0.4779409 0.0123757800 0.04289210 0.062601752  
## 5 2.0 0.4979737 -0.0057569824 0.07319486 0.020312547  
## 6 0.0 0.4392410 0.0309454524 0.05007085 0.090590772  
## 6 0.1 0.4538082 0.0389608252 0.04894743 0.076238627  
## 6 1.0 0.4783955 0.0134134909 0.04331914 0.063832173  
## 6 2.0 0.4979737 -0.0057569824 0.07319486 0.020312547  
## 7 0.0 0.4426953 0.0356449332 0.04332702 0.072506991  
## 7 0.1 0.4549272 0.0396251087 0.04113125 0.070632513  
## 7 1.0 0.4783955 0.0134134909 0.04331914 0.063832173  
## 7 2.0 0.4979737 -0.0057569824 0.07319486 0.020312547  
## 8 0.0 0.4474534 0.0429320305 0.05686522 0.086465269  
## 8 0.1 0.4596388 0.0501357557 0.04721988 0.077082002  
## 8 1.0 0.4783955 0.0134134909 0.04331914 0.063832173  
## 8 2.0 0.4979737 -0.0057569824 0.07319486 0.020312547  
## 9 0.0 0.4451103 0.0399837461 0.05620099 0.087278518  
## 9 0.1 0.4604926 0.0468617317 0.03951483 0.075658770  
## 9 1.0 0.4778549 0.0124674485 0.04312219 0.063219644  
## 9 2.0 0.4984038 -0.0050865747 0.07307422 0.018720649  
## 10 0.0 NaN NaN NA NA  
## 10 0.1 NaN NaN NA NA  
## 10 1.0 NaN NaN NA NA  
## 10 2.0 NaN NaN NA NA  
##   
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were size = 8 and decay = 0.1.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 13 14 4  
## None 12 6 1  
## Severe 4 1 1  
##   
## Overall Statistics  
##   
## Accuracy : 0.3571   
## 95% CI : (0.2336, 0.4964)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.9947   
##   
## Kappa : -0.1188   
## Mcnemar's Test P-Value : 0.9847   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.4483 0.2857 0.16667  
## Specificity 0.3333 0.6286 0.90000  
## Pos Pred Value 0.4194 0.3158 0.16667  
## Neg Pred Value 0.3600 0.5946 0.90000  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.2321 0.1071 0.01786  
## Detection Prevalence 0.5536 0.3393 0.10714  
## Balanced Accuracy 0.3908 0.4571 0.53333

## Loading required package: earth  
## Loading required package: plotmo  
## Loading required package: plotrix

## Flexible Discriminant Analysis   
##   
## 225 samples  
## 96 predictor  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## nprune Accuracy Kappa Accuracy SD Kappa SD   
## 2 0.4843196 -0.003962183 0.04530814 0.01929693  
## 36 0.4410598 0.051349193 0.05225346 0.07378753  
## 70 0.4363862 0.045437160 0.04918482 0.06809160  
##   
## Tuning parameter 'degree' was held constant at a value of 1  
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were degree = 1 and nprune = 36.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 27 19 6  
## None 1 0 0  
## Severe 1 2 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.4821   
## 95% CI : (0.3466, 0.6197)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.7482   
##   
## Kappa : -0.022   
## Mcnemar's Test P-Value : 7.278e-05   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.93103 0.00000 0.00000  
## Specificity 0.07407 0.97143 0.94000  
## Pos Pred Value 0.51923 0.00000 0.00000  
## Neg Pred Value 0.50000 0.61818 0.88679  
## Prevalence 0.51786 0.37500 0.10714  
## Detection Rate 0.48214 0.00000 0.00000  
## Detection Prevalence 0.92857 0.01786 0.05357  
## Balanced Accuracy 0.50255 0.48571 0.47000

## Loading required package: MASS  
##   
## Attaching package: 'MASS'  
##   
## The following object is masked \_by\_ '.GlobalEnv':  
##   
## chem

## Support Vector Machines with Radial Basis Function Kernel   
##   
## 225 samples  
## 96 predictor  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## C Accuracy Kappa Accuracy SD Kappa SD   
## 0.0625 0.5171104 0.000000000 0.03860716 0.000000000  
## 0.1250 0.5171104 0.000000000 0.03860716 0.000000000  
## 0.2500 0.5156470 -0.001722114 0.03755418 0.008610568  
## 0.5000 0.5107838 -0.001328210 0.04249330 0.027563390  
## 1.0000 0.5115916 0.024426365 0.04176020 0.050071981  
## 2.0000 0.5001446 0.037918432 0.04206716 0.069697305  
## 4.0000 0.4843849 0.033514757 0.04531722 0.087764414  
## 8.0000 0.4771573 0.040511740 0.04595516 0.081643973  
## 16.0000 0.4735959 0.051543997 0.03781532 0.064658633  
##   
## Tuning parameter 'sigma' was held constant at a value of 0.002659542  
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were sigma = 0.002659542 and C = 16.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 24 13 4  
## None 4 7 1  
## Severe 1 1 1  
##   
## Overall Statistics  
##   
## Accuracy : 0.5714   
## 95% CI : (0.4322, 0.7029)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.25235   
##   
## Kappa : 0.1986   
## Mcnemar's Test P-Value : 0.08715   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.8276 0.3333 0.16667  
## Specificity 0.3704 0.8571 0.96000  
## Pos Pred Value 0.5854 0.5833 0.33333  
## Neg Pred Value 0.6667 0.6818 0.90566  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.4286 0.1250 0.01786  
## Detection Prevalence 0.7321 0.2143 0.05357  
## Balanced Accuracy 0.5990 0.5952 0.56333

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## -0.111613616297131, : k = 251 exceeds number 225 of patterns

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## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 351 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 351 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 351 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 351 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 351 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 351 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 26 15 6  
## None 3 5 0  
## Severe 0 1 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.5536   
## 95% CI : (0.4147, 0.6866)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.344843   
##   
## Kappa : 0.1245   
## Mcnemar's Test P-Value : 0.001817   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.8966 0.23810 0.00000  
## Specificity 0.2222 0.91429 0.98000  
## Pos Pred Value 0.5532 0.62500 0.00000  
## Neg Pred Value 0.6667 0.66667 0.89091  
## Prevalence 0.5179 0.37500 0.10714  
## Detection Rate 0.4643 0.08929 0.00000  
## Detection Prevalence 0.8393 0.14286 0.01786  
## Balanced Accuracy 0.5594 0.57619 0.49000

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning: model fit failed for Resample01: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z82, Z122, Z133, Z146, Z147, Z156

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning: model fit failed for Resample02: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z82, Z122, Z125, Z133, Z135, Z140, Z146, Z147, Z176

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample03: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z82, Z122, Z132, Z133, Z146, Z147, Z156, Z164

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning: model fit failed for Resample04: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z61, Z82, Z133, Z146, Z147, Z156, Z164

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 87

## Warning: model fit failed for Resample05: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z12, Z17, Z23, Z33, Z36, Z61, Z80, Z93, Z122, Z125, Z133, Z135, Z146, Z147, Z153, Z164, Z176

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning: model fit failed for Resample06: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z33, Z35, Z36, Z61, Z82, Z85, Z105, Z125, Z133, Z135, Z146, Z147, Z156

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning: model fit failed for Resample07: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z82, Z122, Z125, Z132, Z133, Z135, Z145, Z146, Z147, Z164

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample08: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z61, Z94, Z127, Z133, Z142, Z146, Z147, Z156, Z176

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning: model fit failed for Resample09: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z10, Z17, Z23, Z28, Z36, Z61, Z75, Z79, Z128, Z133, Z136, Z140, Z146, Z147, Z153, Z176

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning: model fit failed for Resample10: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z1, Z12, Z17, Z36, Z61, Z80, Z105, Z122, Z125, Z133, Z135, Z146, Z147, Z156, Z164

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning: model fit failed for Resample11: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z6, Z17, Z33, Z36, Z48, Z64, Z79, Z82, Z94, Z122, Z125, Z133, Z135, Z136, Z140, Z146, Z147, Z149, Z158, Z164, Z180

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 88

## Warning: model fit failed for Resample12: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z10, Z17, Z36, Z61, Z79, Z122, Z133, Z136, Z145, Z146, Z147, Z152, Z156

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning: model fit failed for Resample13: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z82, Z125, Z133, Z135, Z146, Z147, Z156, Z164

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample14: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z122, Z133, Z140, Z146, Z147, Z164, Z176

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning: model fit failed for Resample15: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z53, Z82, Z122, Z132, Z133, Z145, Z146, Z147, Z156, Z164, Z176

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:90[[90L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning: model fit failed for Resample16: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z132, Z133, Z145, Z146, Z147, Z156, Z164, Z176

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning: model fit failed for Resample17: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z79, Z82, Z122, Z133, Z136, Z146, Z147, Z152, Z156

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning: model fit failed for Resample18: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z21, Z28, Z36, Z82, Z133, Z146, Z147, Z176

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning: model fit failed for Resample19: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z125, Z133, Z135, Z146, Z147, Z156

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning: model fit failed for Resample20: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z125, Z133, Z135, Z140, Z145, Z146, Z147, Z153, Z164

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning: model fit failed for Resample21: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z82, Z122, Z133, Z145, Z146, Z147, Z176

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning: model fit failed for Resample22: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z6, Z10, Z12, Z17, Z36, Z48, Z64, Z75, Z79, Z122, Z125, Z133, Z135, Z136, Z146, Z147, Z149, Z158, Z164

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning: model fit failed for Resample23: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z10, Z17, Z28, Z36, Z61, Z79, Z133, Z136, Z145, Z146, Z147, Z169

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning: model fit failed for Resample24: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z82, Z132, Z133, Z146, Z147, Z156

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning: model fit failed for Resample25: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z133, Z146, Z147

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(trainX, trainY, method = "nb", metric = "Kappa"):  
## missing values found in aggregated results

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 3 5 0  
## None 2 4 0  
## Severe 24 12 6  
##   
## Overall Statistics  
##   
## Accuracy : 0.2321   
## 95% CI : (0.1298, 0.3642)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 1   
##   
## Kappa : 0.0467   
## Mcnemar's Test P-Value : 4.003e-08   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.10345 0.19048 1.0000  
## Specificity 0.81481 0.94286 0.2800  
## Pos Pred Value 0.37500 0.66667 0.1429  
## Neg Pred Value 0.45833 0.66000 1.0000  
## Prevalence 0.51786 0.37500 0.1071  
## Detection Rate 0.05357 0.07143 0.1071  
## Detection Prevalence 0.14286 0.10714 0.7500  
## Balanced Accuracy 0.45913 0.56667 0.6400

## [1] 58

## [1] 35 50

## Warning: model fit failed for Resample01: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample01: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample01: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample01: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample02: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample02: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample02: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample02: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample03: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample03: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample03: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample03: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample04: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample04: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample04: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample04: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample05: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample05: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample05: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample05: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample06: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample06: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample06: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample06: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample07: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample07: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample07: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample07: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample08: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample08: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample08: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample08: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample09: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample09: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample09: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample09: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample10: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample10: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample10: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample10: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample11: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample11: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample11: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample11: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample12: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample12: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample12: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample12: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample13: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample13: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample13: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample13: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample14: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample14: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample14: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample14: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample15: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample15: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample15: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample15: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample16: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample16: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample16: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample16: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample17: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample17: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample17: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample17: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample18: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample18: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample18: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample18: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample19: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample19: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample19: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample19: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample20: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample20: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample20: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample20: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample21: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample21: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample21: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample21: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample22: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample22: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample22: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample22: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample23: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample23: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample23: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample23: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample24: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample24: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample24: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample24: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample25: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample25: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample25: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning: model fit failed for Resample25: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (1093) weights

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(x = trainX, y = trainY, method = "nnet", metric =  
## "Kappa", : missing values found in aggregated results

## Neural Network   
##   
## 225 samples  
## 105 predictors  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## Pre-processing: spatial sign transformation, scaled, centered   
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## size decay Accuracy Kappa Accuracy SD Kappa SD   
## 1 0.0 0.4791269 0.102355378 0.08738008 0.08399034  
## 1 0.1 0.5186098 0.120208159 0.05996692 0.10020157  
## 1 1.0 0.5283384 0.110310362 0.03697889 0.06142435  
## 1 2.0 0.5029356 0.000000000 0.07226298 0.00000000  
## 2 0.0 0.4836989 0.127047281 0.05939415 0.09082574  
## 2 0.1 0.5116284 0.138530042 0.05204443 0.08541850  
## 2 1.0 0.5354879 0.127176490 0.04196815 0.06221845  
## 2 2.0 0.5021523 0.004052420 0.07250622 0.02055499  
## 3 0.0 0.4808241 0.125835011 0.04603017 0.07433910  
## 3 0.1 0.5297344 0.169617446 0.05428543 0.08865068  
## 3 1.0 0.5335120 0.123839769 0.04091515 0.05983177  
## 3 2.0 0.5021523 0.004583647 0.07250622 0.02190829  
## 4 0.0 0.5065482 0.150589493 0.04208838 0.05836272  
## 4 0.1 0.5430114 0.193278588 0.05559476 0.09180738  
## 4 1.0 0.5368955 0.130157235 0.04267344 0.06269515  
## 4 2.0 0.5010776 0.003441959 0.07290574 0.02505076  
## 5 0.0 0.5026228 0.144578982 0.05586718 0.08841960  
## 5 0.1 0.5271110 0.167517134 0.05020357 0.07973505  
## 5 1.0 0.5383009 0.133067312 0.04167413 0.06041822  
## 5 2.0 0.5020321 0.005712420 0.07330668 0.02647680  
## 6 0.0 0.5087324 0.151459994 0.04426198 0.07420264  
## 6 0.1 0.5399249 0.188269975 0.05541446 0.09569420  
## 6 1.0 0.5373783 0.131282141 0.04307221 0.06384480  
## 6 2.0 0.5015926 0.004983321 0.07345512 0.02791667  
## 7 0.0 0.5037264 0.147860070 0.03432254 0.06544204  
## 7 0.1 0.5347410 0.176512005 0.05313342 0.09253102  
## 7 1.0 0.5368845 0.130422850 0.04380432 0.06526009  
## 7 2.0 0.5015926 0.004983321 0.07345512 0.02791667  
## 8 0.0 0.5029135 0.138649291 0.04603067 0.07046233  
## 8 0.1 0.5342132 0.180626819 0.06045026 0.10085417  
## 8 1.0 0.5368845 0.130422850 0.04380432 0.06526009  
## 8 2.0 0.5015926 0.004983321 0.07345512 0.02791667  
## 9 0.0 0.5125610 0.155411512 0.04494627 0.08188507  
## 9 0.1 0.5370560 0.184670581 0.05848439 0.09415498  
## 9 1.0 0.5373723 0.131301051 0.04301283 0.06352940  
## 9 2.0 0.5015926 0.004983321 0.07345512 0.02791667  
## 10 0.0 NaN NaN NA NA  
## 10 0.1 NaN NaN NA NA  
## 10 1.0 NaN NaN NA NA  
## 10 2.0 NaN NaN NA NA  
##   
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were size = 4 and decay = 0.1.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 22 12 6  
## None 3 9 0  
## Severe 4 0 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.5536   
## 95% CI : (0.4147, 0.6866)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.3448   
##   
## Kappa : 0.1765   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.7586 0.4286 0.00000  
## Specificity 0.3333 0.9143 0.92000  
## Pos Pred Value 0.5500 0.7500 0.00000  
## Neg Pred Value 0.5625 0.7273 0.88462  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.3929 0.1607 0.00000  
## Detection Prevalence 0.7143 0.2143 0.07143  
## Balanced Accuracy 0.5460 0.6714 0.46000

## Flexible Discriminant Analysis   
##   
## 225 samples  
## 105 predictors  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## nprune Accuracy Kappa Accuracy SD Kappa SD   
## 2 0.5178724 0.06125785 0.04585858 0.09202018  
## 36 0.4787378 0.11924323 0.05842275 0.08434389  
## 71 0.4657642 0.10512528 0.05193621 0.06864108  
##   
## Tuning parameter 'degree' was held constant at a value of 1  
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were degree = 1 and nprune = 36.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 18 13 6  
## None 6 7 0  
## Severe 5 1 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.4464   
## 95% CI : (0.3134, 0.5853)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.8856   
##   
## Kappa : 0.0103   
## Mcnemar's Test P-Value : 0.2994   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.6207 0.3333 0.0000  
## Specificity 0.2963 0.8286 0.8800  
## Pos Pred Value 0.4865 0.5385 0.0000  
## Neg Pred Value 0.4211 0.6744 0.8800  
## Prevalence 0.5179 0.3750 0.1071  
## Detection Rate 0.3214 0.1250 0.0000  
## Detection Prevalence 0.6607 0.2321 0.1071  
## Balanced Accuracy 0.4585 0.5810 0.4400

## Support Vector Machines with Radial Basis Function Kernel   
##   
## 225 samples  
## 105 predictors  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## C Accuracy Kappa Accuracy SD Kappa SD   
## 0.0625 0.5251496 0.000000000 0.03099527 0.00000000  
## 0.1250 0.5251496 0.000000000 0.03099527 0.00000000  
## 0.2500 0.5221787 -0.002537377 0.02654963 0.01852002  
## 0.5000 0.5219748 0.035058494 0.03408026 0.05557143  
## 1.0000 0.5252859 0.080474417 0.04035312 0.07066843  
## 2.0000 0.5364897 0.129638866 0.03141763 0.06085893  
## 4.0000 0.5523283 0.175927344 0.03867910 0.07669361  
## 8.0000 0.5495208 0.183504102 0.04068905 0.08018388  
## 16.0000 0.5515288 0.200526764 0.05554212 0.09994108  
##   
## Tuning parameter 'sigma' was held constant at a value of 0.002460238  
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were sigma = 0.002460238 and C = 16.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 23 12 5  
## None 5 9 0  
## Severe 1 0 1  
##   
## Overall Statistics  
##   
## Accuracy : 0.5893   
## 95% CI : (0.4498, 0.719)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.1747   
##   
## Kappa : 0.2287   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.7931 0.4286 0.16667  
## Specificity 0.3704 0.8571 0.98000  
## Pos Pred Value 0.5750 0.6429 0.50000  
## Neg Pred Value 0.6250 0.7143 0.90741  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.4107 0.1607 0.01786  
## Detection Prevalence 0.7143 0.2500 0.03571  
## Balanced Accuracy 0.5817 0.6429 0.57333

## Warning in knn3Train(train = structure(c(-0.113036150673737,  
## -0.113036150673737, : k = 251 exceeds number 225 of patterns

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## -0.113036150673737, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.113036150673737,  
## -0.113036150673737, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.113036150673737,  
## -0.113036150673737, : k = 351 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.113036150673737,  
## -0.113036150673737, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.113036150673737,  
## -0.113036150673737, : k = 451 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.113036150673737,  
## -0.113036150673737, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.113036150673737,  
## -0.113036150673737, : k = 301 exceeds number 225 of patterns

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## -0.113036150673737, : k = 351 exceeds number 225 of patterns

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## -0.113036150673737, : k = 401 exceeds number 225 of patterns

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## -0.113036150673737, : k = 251 exceeds number 225 of patterns

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## -0.113036150673737, : k = 351 exceeds number 225 of patterns

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## -0.113036150673737, : k = 401 exceeds number 225 of patterns

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## -0.113036150673737, : k = 351 exceeds number 225 of patterns

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## -0.113036150673737, : k = 401 exceeds number 225 of patterns

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## -0.113036150673737, : k = 451 exceeds number 225 of patterns

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## -0.113036150673737, : k = 351 exceeds number 225 of patterns

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## -0.113036150673737, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.113036150673737,  
## -0.113036150673737, : k = 451 exceeds number 225 of patterns

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 19 9 5  
## None 10 12 0  
## Severe 0 0 1  
##   
## Overall Statistics  
##   
## Accuracy : 0.5714   
## 95% CI : (0.4322, 0.7029)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.2524   
##   
## Kappa : 0.2145   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.6552 0.5714 0.16667  
## Specificity 0.4815 0.7143 1.00000  
## Pos Pred Value 0.5758 0.5455 1.00000  
## Neg Pred Value 0.5652 0.7353 0.90909  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.3393 0.2143 0.01786  
## Detection Prevalence 0.5893 0.3929 0.01786  
## Balanced Accuracy 0.5683 0.6429 0.58333

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 86

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 87

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 88

## Warning: model fit failed for Resample01: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X53, X61, X66, X109, X131

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning: model fit failed for Resample02: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X51, X53, X90, X109, X131, X177, X179

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning: model fit failed for Resample03: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X109, X131

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning: model fit failed for Resample04: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X51, X109, X131, X167, X188

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning: model fit failed for Resample05: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X105, X109, X131

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning: model fit failed for Resample06: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X51, X63, X71, X87, X90, X109, X131, X154

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning: model fit failed for Resample07: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X61, X66, X109, X118, X131, X177

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 86

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 87

## Warning: model fit failed for Resample08: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X71, X109, X131, X167

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:71[[71L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning: model fit failed for Resample09: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X109, X131

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning: model fit failed for Resample10: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X83, X102, X105, X109, X131, X164, X167, X176

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning: model fit failed for Resample11: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X27, X83, X102, X105, X109, X131

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning: model fit failed for Resample12: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X51, X61, X66, X69, X102, X109, X131, X164, X191

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:79[[79L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning: model fit failed for Resample13: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X51, X53, X109, X131, X164, X167, X170, X177, X179

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning: model fit failed for Resample14: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X87, X109, X131, X164, X167

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning: model fit failed for Resample15: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X109, X131, X167

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning: model fit failed for Resample16: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X109, X131, X188

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning: model fit failed for Resample17: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X63, X69, X71, X97, X102, X109, X113, X131, X167

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning: model fit failed for Resample18: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X53, X71, X109, X131, X164, X167

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning: model fit failed for Resample19: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X53, X71, X83, X105, X109, X131

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning: model fit failed for Resample20: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X90, X105, X109, X131, X164, X167

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample21: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X97, X109, X113, X131, X167

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning: model fit failed for Resample22: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X109, X131, X153, X167

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:82[[82L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning: model fit failed for Resample23: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X51, X97, X104, X109, X113, X131, X164

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:77[[77L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning: model fit failed for Resample24: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X97, X109, X113, X131, X164

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning: model fit failed for Resample25: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: X3, X4, X69, X97, X102, X105, X109, X113, X131, X165, X167, X176, X191

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(trainX, trainY, method = "nb", metric = "Kappa"):  
## missing values found in aggregated results

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 28 19 6  
## None 1 2 0  
## Severe 0 0 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.5357   
## 95% CI : (0.3974, 0.6701)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.4475   
##   
## Kappa : 0.0521   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.96552 0.09524 0.0000  
## Specificity 0.07407 0.97143 1.0000  
## Pos Pred Value 0.52830 0.66667 NaN  
## Neg Pred Value 0.66667 0.64151 0.8929  
## Prevalence 0.51786 0.37500 0.1071  
## Detection Rate 0.50000 0.03571 0.0000  
## Detection Prevalence 0.94643 0.05357 0.0000  
## Balanced Accuracy 0.51980 0.53333 0.5000

## [1] 140

## [1] 132 148 162

## Call:  
## mda(formula = trainY ~ ., data = train)  
##   
## Dimension: 8   
##   
## Percent Between-Group Variance Explained:  
## v1 v2 v3 v4 v5 v6 v7 v8   
## 51.41 70.37 83.16 90.68 94.38 97.26 98.91 100.00   
##   
## Degrees of Freedom (per dimension): 203   
##   
## Training Misclassification Error: 0 ( N = 225 )  
##   
## Deviance: 0.004

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 8 5 3  
## None 11 6 2  
## Severe 10 10 1  
##   
## Overall Statistics  
##   
## Accuracy : 0.2679   
## 95% CI : (0.1583, 0.403)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.999960   
##   
## Kappa : -0.0694   
## Mcnemar's Test P-Value : 0.009964   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.2759 0.2857 0.16667  
## Specificity 0.7037 0.6286 0.60000  
## Pos Pred Value 0.5000 0.3158 0.04762  
## Neg Pred Value 0.4750 0.5946 0.85714  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.1429 0.1071 0.01786  
## Detection Prevalence 0.2857 0.3393 0.37500  
## Balanced Accuracy 0.4898 0.4571 0.38333

## Warning: model fit failed for Resample01: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample01: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample01: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample01: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample02: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample02: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample02: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample02: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample03: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample03: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample03: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample03: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample04: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample04: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample04: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample04: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample05: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample05: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample05: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample05: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample06: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample06: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample06: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample06: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample07: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample07: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample07: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample07: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample08: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample08: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample08: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample08: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample09: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample09: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample09: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample09: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample10: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample10: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample10: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample10: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample11: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample11: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample11: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample11: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample12: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample12: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample12: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample12: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample13: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample13: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample13: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample13: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample14: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample14: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample14: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample14: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample15: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample15: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample15: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample15: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample16: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample16: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample16: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample16: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample17: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample17: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample17: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample17: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample18: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample18: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample18: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample18: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample19: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample19: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample19: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample19: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample20: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample20: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample20: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample20: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample21: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample21: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample21: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample21: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample22: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample22: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample22: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample22: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample23: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample23: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample23: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample23: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample24: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample24: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample24: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample24: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample25: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample25: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample25: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning: model fit failed for Resample25: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (2063) weights

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(x = trainX, y = trainY, method = "nnet", metric =  
## "Kappa", : missing values found in aggregated results

## Neural Network   
##   
## 225 samples  
## 202 predictors  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## Pre-processing: spatial sign transformation, scaled, centered   
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## size decay Accuracy Kappa Accuracy SD Kappa SD   
## 1 0.0 0.4274488 0.065483476 0.09382933 0.077727636  
## 1 0.1 0.4986924 0.090791463 0.06083973 0.101809826  
## 1 1.0 0.5230410 0.083212127 0.03925633 0.068388004  
## 1 2.0 0.5033657 0.001880574 0.07257610 0.007828939  
## 2 0.0 0.4533643 0.101049791 0.07406344 0.070298314  
## 2 0.1 0.5183359 0.137521368 0.05404445 0.094577751  
## 2 1.0 0.5223744 0.089063098 0.03361530 0.060551294  
## 2 2.0 0.5043710 0.004590000 0.06292094 0.015618311  
## 3 0.0 0.4976920 0.130522382 0.04967508 0.085076904  
## 3 0.1 0.5119641 0.128476545 0.05313383 0.091710299  
## 3 1.0 0.5233425 0.091747525 0.03366243 0.060626073  
## 3 2.0 0.5043853 0.004371709 0.06188425 0.016403546  
## 4 0.0 0.4870402 0.118951439 0.05696988 0.082595139  
## 4 0.1 0.5123861 0.127911581 0.05111497 0.088721946  
## 4 1.0 0.5224139 0.089688177 0.03361932 0.060125184  
## 4 2.0 0.5043853 0.004371709 0.06188425 0.016403546  
## 5 0.0 0.5022436 0.133001748 0.04284413 0.078236375  
## 5 0.1 0.5125150 0.128611684 0.05161546 0.090539711  
## 5 1.0 0.5233647 0.092346301 0.03541827 0.064382722  
## 5 2.0 0.5048297 0.004819723 0.06080126 0.017265815  
## 6 0.0 0.4994870 0.130406645 0.04513084 0.080894187  
## 6 0.1 0.5129747 0.129581773 0.05067180 0.088618478  
## 6 1.0 0.5233987 0.092197930 0.03526296 0.064695451  
## 6 2.0 0.5052742 0.005272959 0.05978129 0.018376364  
## 7 0.0 0.5061702 0.135752676 0.06083601 0.086375126  
## 7 0.1 0.5134570 0.129966949 0.05079418 0.089483960  
## 7 1.0 0.5238091 0.092871268 0.03576186 0.065314830  
## 7 2.0 0.5057186 0.005731507 0.05882762 0.019702527  
## 8 0.0 0.5150936 0.147568772 0.04503570 0.074913784  
## 8 0.1 0.5134850 0.130077540 0.05094197 0.089118497  
## 8 1.0 0.5238091 0.092871268 0.03576186 0.065314830  
## 8 2.0 0.5057186 0.005731507 0.05882762 0.019702527  
## 9 0.0 0.5078618 0.134835709 0.04569062 0.079175309  
## 9 0.1 0.5134509 0.130076506 0.05072288 0.089138146  
## 9 1.0 0.5243029 0.093842061 0.03559302 0.065296967  
## 9 2.0 0.5057186 0.005731507 0.05882762 0.019702527  
## 10 0.0 NaN NaN NA NA  
## 10 0.1 NaN NaN NA NA  
## 10 1.0 NaN NaN NA NA  
## 10 2.0 NaN NaN NA NA  
##   
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were size = 8 and decay = 0.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 14 9 4  
## None 13 8 1  
## Severe 2 4 1  
##   
## Overall Statistics  
##   
## Accuracy : 0.4107   
## 95% CI : (0.281, 0.5502)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.9591   
##   
## Kappa : 5e-04   
## Mcnemar's Test P-Value : 0.3627   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.4828 0.3810 0.16667  
## Specificity 0.5185 0.6000 0.88000  
## Pos Pred Value 0.5185 0.3636 0.14286  
## Neg Pred Value 0.4828 0.6176 0.89796  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.2500 0.1429 0.01786  
## Detection Prevalence 0.4821 0.3929 0.12500  
## Balanced Accuracy 0.5006 0.4905 0.52333

## Warning in fda(.outcome ~ ., data = dat, method = earth, degree =  
## param$degree, : degenerate problem; no discrimination

## Warning in max(dimension): no non-missing arguments to max; returning -Inf

## Warning: predictions failed for Resample22: nprune= 2, degree=1 Error in terms.default(object) : no terms component nor attribute

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Flexible Discriminant Analysis   
##   
## 225 samples  
## 202 predictors  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## nprune Accuracy Kappa Accuracy SD Kappa SD   
## 2 0.4842208 0.02672497 0.06454618 0.04571475  
## 37 0.4537964 0.08561639 0.05480315 0.08682668  
## 72 0.4373753 0.06327978 0.04487558 0.06389907  
##   
## Tuning parameter 'degree' was held constant at a value of 1  
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were degree = 1 and nprune = 37.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 18 9 3  
## None 7 10 2  
## Severe 4 2 1  
##   
## Overall Statistics  
##   
## Accuracy : 0.5179   
## 95% CI : (0.3803, 0.6534)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.5537   
##   
## Kappa : 0.1715   
## Mcnemar's Test P-Value : 0.9417   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.6207 0.4762 0.16667  
## Specificity 0.5556 0.7429 0.88000  
## Pos Pred Value 0.6000 0.5263 0.14286  
## Neg Pred Value 0.5769 0.7027 0.89796  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.3214 0.1786 0.01786  
## Detection Prevalence 0.5357 0.3393 0.12500  
## Balanced Accuracy 0.5881 0.6095 0.52333

## Support Vector Machines with Radial Basis Function Kernel   
##   
## 225 samples  
## 202 predictors  
## 3 classes: 'Mild', 'None', 'Severe'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 225, 225, 225, 225, 225, 225, ...   
##   
## Resampling results across tuning parameters:  
##   
## C Accuracy Kappa Accuracy SD Kappa SD   
## 0.0625 0.5161627 0.00000000 0.05079740 0.00000000  
## 0.1250 0.5161627 0.00000000 0.05079740 0.00000000  
## 0.2500 0.5200658 0.01551249 0.05314801 0.02721980  
## 0.5000 0.5210362 0.04503402 0.05433581 0.05850820  
## 1.0000 0.5363241 0.10270984 0.05064125 0.06630468  
## 2.0000 0.5428912 0.13849510 0.04239866 0.07074444  
## 4.0000 0.5407333 0.14902599 0.03307569 0.05265658  
## 8.0000 0.5374777 0.16401137 0.04667891 0.07340084  
## 16.0000 0.5324779 0.16689264 0.05105146 0.08011997  
##   
## Tuning parameter 'sigma' was held constant at a value of 0.001396314  
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were sigma = 0.001396314 and C = 16.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 20 13 4  
## None 8 6 0  
## Severe 1 2 2  
##   
## Overall Statistics  
##   
## Accuracy : 0.5   
## 95% CI : (0.3634, 0.6366)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.6562   
##   
## Kappa : 0.0983   
## Mcnemar's Test P-Value : 0.1725   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.6897 0.2857 0.33333  
## Specificity 0.3704 0.7714 0.94000  
## Pos Pred Value 0.5405 0.4286 0.40000  
## Neg Pred Value 0.5263 0.6429 0.92157  
## Prevalence 0.5179 0.3750 0.10714  
## Detection Rate 0.3571 0.1071 0.03571  
## Detection Prevalence 0.6607 0.2500 0.08929  
## Balanced Accuracy 0.5300 0.5286 0.63667

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
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## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 351 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

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## -0.111613616297131, : k = 401 exceeds number 225 of patterns

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## -0.111613616297131, : k = 451 exceeds number 225 of patterns

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## -0.111613616297131, : k = 251 exceeds number 225 of patterns

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## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(-0.111613616297131,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(0.635134626071769,  
## -0.111613616297131, : k = 251 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(0.635134626071769,  
## -0.111613616297131, : k = 301 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(0.635134626071769,  
## -0.111613616297131, : k = 351 exceeds number 225 of patterns

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## -0.111613616297131, : k = 401 exceeds number 225 of patterns

## Warning in knn3Train(train = structure(c(0.635134626071769,  
## -0.111613616297131, : k = 451 exceeds number 225 of patterns

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 22 16 5  
## None 7 5 1  
## Severe 0 0 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.4821   
## 95% CI : (0.3466, 0.6197)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.7482   
##   
## Kappa : -0.005   
## Mcnemar's Test P-Value : 0.0231   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.7586 0.23810 0.0000  
## Specificity 0.2222 0.77143 1.0000  
## Pos Pred Value 0.5116 0.38462 NaN  
## Neg Pred Value 0.4615 0.62791 0.8929  
## Prevalence 0.5179 0.37500 0.1071  
## Detection Rate 0.3929 0.08929 0.0000  
## Detection Prevalence 0.7679 0.23214 0.0000  
## Balanced Accuracy 0.4904 0.50476 0.5000

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning: model fit failed for Resample01: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z125, Z133, Z135, Z146, Z147

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:78[[78L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning: model fit failed for Resample02: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z10, Z17, Z36, Z48, Z64, Z79, Z94, Z125, Z128, Z133, Z135, Z136, Z146, Z147, Z149, Z153, Z159, X3, X4, X38, X97, X113, X176, X188

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning: model fit failed for Resample03: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z125, Z128, Z133, Z135, Z146, Z147, Z153, Z156, X3, X4, X38, X72

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 87

## Warning in FUN(1:88[[88L]], ...): Numerical 0 probability for all classes  
## with observation 88

## Warning: model fit failed for Resample04: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z105, Z122, Z125, Z128, Z133, Z135, Z146, Z147, Z153, X3, X4, X47, X66, X104, X131

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:76[[76L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning: model fit failed for Resample05: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z85, Z125, Z133, Z135, Z144, Z145, Z146, Z147, Z169, X3, X4, X38, X131

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample06: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z7, Z17, Z28, Z36, Z57, Z82, Z122, Z125, Z133, Z135, Z145, Z146, Z147, Z164, Z169, Z176, X27, X38, X61, X66, X69, X83, X109, X155, X164, X167, X191

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:73[[73L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning: model fit failed for Resample07: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z94, Z122, Z125, Z133, Z135, Z145, Z146, Z147, Z169, X4, X97, X113, X131

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning: model fit failed for Resample08: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z75, Z94, Z125, Z128, Z133, Z135, Z146, Z147, Z153, Z156, X38, X69, X97, X113, X131

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:81[[81L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning: model fit failed for Resample09: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z36, Z75, Z80, Z85, Z122, Z125, Z132, Z133, Z135, Z140, Z146, Z147, Z153, X3, X4, X69, X131, X191

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 86

## Warning in FUN(1:87[[87L]], ...): Numerical 0 probability for all classes  
## with observation 87

## Warning: model fit failed for Resample10: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z21, Z28, Z33, Z35, Z36, Z61, Z94, Z116, Z125, Z127, Z132, Z133, Z135, Z142, Z145, Z146, Z147, Z156, Z169, X38, X53, X69, X97, X113, X131, X154

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample11: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z6, Z10, Z17, Z36, Z48, Z56, Z64, Z79, Z94, Z116, Z122, Z125, Z133, Z135, Z136, Z145, Z146, Z147, Z148, Z149, Z152, Z158, Z169, Z176, Z180, Z181, X38, X69, X131, X188

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:74[[74L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning: model fit failed for Resample12: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z10, Z12, Z17, Z36, Z48, Z64, Z79, Z105, Z122, Z125, Z133, Z135, Z136, Z144, Z145, Z146, Z147, Z148, Z149, Z152, Z156, Z158, Z164, Z169, X51, X61, X66, X177, X188

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:84[[84L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning: model fit failed for Resample13: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z6, Z10, Z17, Z18, Z19, Z23, Z33, Z34, Z35, Z36, Z46, Z48, Z50, Z52, Z59, Z61, Z64, Z75, Z79, Z85, Z97, Z98, Z99, Z103, Z105, Z111, Z117, Z121, Z122, Z125, Z128, Z131, Z133, Z134, Z135, Z136, Z144, Z145, Z146, Z147, Z148, Z149, Z151, Z152, Z153, Z156, Z158, Z169, Z174, X27, X38, X47, X53, X66, X69, X72, X118, X131, X153, X188

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample14: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z12, Z17, Z28, Z36, Z57, Z122, Z125, Z133, Z135, Z146, Z147, Z153, X4, X51, X66

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 86

## Warning: model fit failed for Resample15: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z35, Z36, Z61, Z82, Z122, Z125, Z133, Z135, Z146, Z147, Z156, Z176, X4, X27, X38, X53, X69

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning: model fit failed for Resample16: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z10, Z17, Z18, Z23, Z33, Z34, Z36, Z46, Z48, Z50, Z53, Z61, Z64, Z79, Z105, Z111, Z117, Z125, Z133, Z135, Z136, Z145, Z146, Z147, Z149, Z151, Z153, Z159, Z164, Z169, X131, X188

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample17: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z35, Z36, Z61, Z85, Z122, Z125, Z133, Z135, Z146, Z147, X3, X4, X61, X66

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 86

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 87

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 88

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 89

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 91

## Warning in FUN(1:92[[92L]], ...): Numerical 0 probability for all classes  
## with observation 92

## Warning: model fit failed for Resample18: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z48, Z64, Z79, Z94, Z125, Z133, Z135, Z136, Z146, Z147, Z149, Z173, X97, X113, X176, X188

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning: model fit failed for Resample19: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z12, Z17, Z36, Z122, Z125, Z133, Z135, Z145, Z146, Z147, Z169, X3, X4, X51

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
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## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 86

## Warning: model fit failed for Resample20: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z28, Z35, Z36, Z61, Z85, Z94, Z125, Z133, Z135, Z146, Z147, Z156, X3, X4, X38, X53, X105

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:83[[83L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning: model fit failed for Resample21: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z33, Z36, Z53, Z61, Z85, Z105, Z125, Z133, Z135, Z146, Z147, Z156, Z176, X3, X4, X38, X47, X53, X131, X179

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:85[[85L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning: model fit failed for Resample22: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z21, Z28, Z36, Z75, Z80, Z94, Z125, Z132, Z133, Z135, Z140, Z146, Z147, Z153, Z156, X3, X4, X69, X130, X131

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 86

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 87

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 88

## Warning in FUN(1:89[[89L]], ...): Numerical 0 probability for all classes  
## with observation 89

## Warning: model fit failed for Resample23: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z10, Z17, Z36, Z48, Z64, Z79, Z125, Z128, Z133, Z135, Z136, Z146, Z147, Z149, Z153, Z156, X4, X131, X153, X188

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 75

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:80[[80L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning: model fit failed for Resample24: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z17, Z36, Z105, Z125, Z133, Z135, Z145, Z146, Z147, Z169, X3, X4, X72

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 24

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 32

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 54

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 56

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 57

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 58

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 59

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 60

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 61

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 62

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 63

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 64

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 65

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 66

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 67

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 68

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 69

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 70

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 71

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 72

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 73

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 74

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 76

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 77

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 78

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 79

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 80

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 81

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 82

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 83

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 84

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 85

## Warning in FUN(1:86[[86L]], ...): Numerical 0 probability for all classes  
## with observation 86

## Warning: model fit failed for Resample25: usekernel=FALSE, fL=0 Error in NaiveBayes.default(x, y, usekernel = param$usekernel, fL = param$fL, :   
## Zero variances for at least one class in variables: Z12, Z17, Z36, Z75, Z94, Z125, Z133, Z135, Z146, Z147, Z153, X38, X51, X69, X97, X113

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(trainX, trainY, method = "nb", metric = "Kappa"):  
## missing values found in aggregated results

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 1

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 2

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 3

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 4

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 5

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 6

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 7

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 8

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 9

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 10

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 11

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 12

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 13

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 14

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 15

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 16

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 17

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 18

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 19

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 20

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 21

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 22

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 23

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 25

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 26

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 27

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 28

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 29

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 30

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 31

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 33

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 34

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 35

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 36

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 37

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 38

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 39

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 40

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 41

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 42

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 43

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 44

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 45

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 46

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 47

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 48

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 49

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 50

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 51

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 52

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 53

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 54

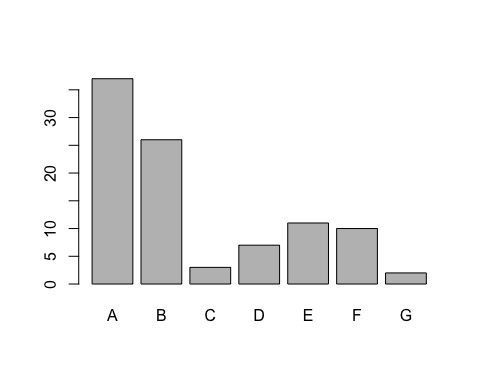
## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 55

## Warning in FUN(1:56[[56L]], ...): Numerical 0 probability for all classes  
## with observation 56

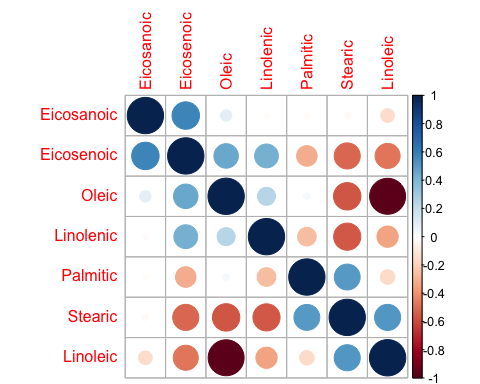
## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction Mild None Severe  
## Mild 18 15 5  
## None 5 3 1  
## Severe 6 3 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.375   
## 95% CI : (0.2492, 0.5145)  
## No Information Rate : 0.5179   
## P-Value [Acc > NIR] : 0.9887   
##   
## Kappa : -0.0944   
## Mcnemar's Test P-Value : 0.1073   
##   
## Statistics by Class:  
##   
## Class: Mild Class: None Class: Severe  
## Sensitivity 0.6207 0.14286 0.0000  
## Specificity 0.2593 0.82857 0.8200  
## Pos Pred Value 0.4737 0.33333 0.0000  
## Neg Pred Value 0.3889 0.61702 0.8723  
## Prevalence 0.5179 0.37500 0.1071  
## Detection Rate 0.3214 0.05357 0.0000  
## Detection Prevalence 0.6786 0.16071 0.1607  
## Balanced Accuracy 0.4400 0.48571 0.4100

2.a. Becuase the extream class imbalance the data set should be split using stratified sampling.

data(oil)  
barplot(table(oilType))



library(corrplot)  
corrplot(cor(fattyAcids), order = "hclust")



fattyAcids <- fattyAcids[,-findCorrelation(cor(fattyAcids))]  
  
trainIndex <- createDataPartition(oilType, p = 0.75,list = FALSE,times = 1)  
trainX <-fattyAcids[trainIndex,]  
trainY <- as.factor(oilType[trainIndex])  
testX<-fattyAcids[-trainIndex,]  
testY <-as.factor(oilType[-trainIndex])

## Warning: model fit failed for Resample01: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample01: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample02: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample03: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample04: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample05: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample06: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample07: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample08: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample09: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample10: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample11: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample12: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

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## Warning: model fit failed for Resample13: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample13: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample14: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample15: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample16: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

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## Warning: model fit failed for Resample17: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample17: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

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## Warning: model fit failed for Resample18: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample18: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample19: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample19: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample19: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample19: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample19: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

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## Warning: model fit failed for Resample19: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample20: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample21: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample22: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample23: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses= 5 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses= 6 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample24: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample25: subclasses= 2 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample25: subclasses= 3 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample25: subclasses= 4 Error in kmeans(xx, start) : initial centers are not distinct

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## Warning: model fit failed for Resample25: subclasses= 7 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample25: subclasses= 8 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample25: subclasses= 9 Error in kmeans(xx, start) : initial centers are not distinct

## Warning: model fit failed for Resample25: subclasses=10 Error in kmeans(xx, start) : initial centers are not distinct

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(trainX, y = trainY, method = "mda", metric =  
## "Kappa", : missing values found in aggregated results

## Mixture Discriminant Analysis   
##   
## 74 samples  
## 6 predictor  
## 7 classes: 'A', 'B', 'C', 'D', 'E', 'F', 'G'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 74, 74, 74, 74, 74, 74, ...   
##   
## Resampling results across tuning parameters:  
##   
## subclasses Accuracy Kappa Accuracy SD Kappa SD   
## 1 0.9161515 0.8864904 0.03701026 0.04862322  
## 2 NaN NaN NA NA  
## 3 NaN NaN NA NA  
## 4 NaN NaN NA NA  
## 5 NaN NaN NA NA  
## 6 NaN NaN NA NA  
## 7 NaN NaN NA NA  
## 8 NaN NaN NA NA  
## 9 NaN NaN NA NA  
## 10 NaN NaN NA NA  
##   
## Kappa was used to select the optimal model using the largest value.  
## The final value used for the model was subclasses = 1.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction A B C D E F G  
## A 9 0 0 0 0 0 0  
## B 0 6 0 0 0 0 0  
## C 0 0 1 0 0 0 0  
## D 0 0 0 1 0 0 0  
## E 0 0 0 0 2 0 0  
## F 0 0 0 0 0 2 0  
## G 0 0 0 0 0 0 1  
##   
## Overall Statistics  
##   
## Accuracy : 1   
## 95% CI : (0.8456, 1)  
## No Information Rate : 0.4091   
## P-Value [Acc > NIR] : 2.884e-09   
##   
## Kappa : 1   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: A Class: B Class: C Class: D Class: E Class: F  
## Sensitivity 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Specificity 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Pos Pred Value 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Neg Pred Value 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Rate 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Balanced Accuracy 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Class: G  
## Sensitivity 1.00000  
## Specificity 1.00000  
## Pos Pred Value 1.00000  
## Neg Pred Value 1.00000  
## Prevalence 0.04545  
## Detection Rate 0.04545  
## Detection Prevalence 0.04545  
## Balanced Accuracy 1.00000

## ROC curve variable importance  
##   
## variables are sorted by maximum importance across the classes  
## A B C D E F G  
## Palmitic 1 1.00 1 1 1 1.0000 1  
## Eicosanoic 1 0.95 1 1 1 1.0000 1  
## Eicosenoic 1 1.00 1 1 1 0.7708 1  
## Stearic 1 1.00 1 1 1 1.0000 1  
## Linolenic 1 1.00 1 1 1 1.0000 1  
## Oleic 1 1.00 1 1 1 1.0000 1

## Warning: model fit failed for Resample01: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample01: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample01: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample01: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample01: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample01: size= 6, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample01: size= 7, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample01: size= 8, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample01: size= 9, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample01: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample01: size= 6, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample01: size= 7, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample01: size= 8, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample01: size= 9, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample01: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample01: size= 6, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample01: size= 7, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample01: size= 8, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample01: size= 9, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample01: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

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## = param$decay, : group 'G' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample02: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample02: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample02: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample02: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample02: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (136) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

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## Warning: model fit failed for Resample03: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample04: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample04: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## too many (136) weights

## Warning: model fit failed for Resample05: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample05: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample05: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample05: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample05: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample05: size= 6, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample06: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample06: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample06: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (110) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample06: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample06: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample06: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample07: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample07: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample07: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample07: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample07: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample07: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample08: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample08: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample08: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample08: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample08: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample08: size= 6, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample09: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample09: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample09: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (110) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample09: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample09: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample09: size= 6, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample09: size= 7, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (97) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample09: size= 8, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (110) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample09: size= 9, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample09: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (136) weights

## Warning: model fit failed for Resample10: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample10: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample10: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample10: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample10: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample10: size= 6, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample11: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample12: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample16: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (136) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (89) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (101) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (113) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (125) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size= 7, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (89) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size= 8, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (101) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size= 9, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (113) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (125) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size= 7, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample17: size= 8, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample17: size= 9, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (113) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning: model fit failed for Resample17: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (125) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## = param$decay, : groups 'C' 'G' are empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample17: size= 7, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## too many (125) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

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## = param$decay, : group 'C' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (97) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (110) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (136) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

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## = param$decay, : group 'C' is empty

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## Warning: model fit failed for Resample18: size= 6, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 7, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (97) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 8, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (110) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 9, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (136) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

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## = param$decay, : group 'C' is empty

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## Warning: model fit failed for Resample18: size= 6, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample18: size= 8, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (110) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 9, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample18: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 6, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 7, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (97) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size= 8, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (110) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## Warning: model fit failed for Resample18: size= 9, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'C' is empty

## Warning: model fit failed for Resample18: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (136) weights

## Warning: model fit failed for Resample19: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample19: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample19: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample19: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample19: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample19: size= 6, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample19: size= 7, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample19: size= 8, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample19: size= 9, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample19: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample19: size= 6, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample19: size= 7, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample19: size= 8, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample19: size= 9, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample19: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample19: size= 6, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample19: size= 7, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample19: size= 8, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample19: size= 9, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample19: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample20: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample20: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample20: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample20: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample20: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample20: size= 6, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample20: size= 7, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample20: size= 8, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample20: size= 9, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample20: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample20: size= 6, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample20: size= 7, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample20: size= 8, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample20: size= 9, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample20: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample20: size= 6, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample20: size= 7, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample20: size= 8, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample20: size= 9, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample20: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample21: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample21: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample21: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample21: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample21: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample21: size= 6, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample21: size= 7, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample21: size= 8, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample21: size= 9, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample21: size=10, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample21: size= 6, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample21: size= 7, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample21: size= 8, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample21: size= 9, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample21: size=10, decay=1.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample21: size= 6, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample21: size= 7, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample21: size= 8, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample21: size= 9, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (133) weights

## Warning: model fit failed for Resample21: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample22: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample22: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (105) weights

## Warning: model fit failed for Resample22: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (119) weights

## Warning: model fit failed for Resample22: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## Warning: model fit failed for Resample23: size=10, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (147) weights

## Warning: model fit failed for Resample24: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (91) weights

## Warning: model fit failed for Resample24: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## too many (147) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample25: size= 6, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample25: size= 7, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (97) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample25: size= 8, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (110) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample25: size= 9, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (123) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample25: size=10, decay=0.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (136) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

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## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample25: size= 9, decay=0.1 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
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## = param$decay, : group 'G' is empty

## Warning: model fit failed for Resample25: size= 6, decay=2.0 Error in nnet.default(x, y, w, softmax = TRUE, ...) :   
## too many (84) weights

## Warning in nnet.formula(.outcome ~ ., data = dat, size = param$size, decay  
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## too many (136) weights

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Warning in train.default(x = trainX, y = trainY, method = "nnet", metric =  
## "Kappa", : missing values found in aggregated results

## Neural Network   
##   
## 74 samples  
## 6 predictor  
## 7 classes: 'A', 'B', 'C', 'D', 'E', 'F', 'G'   
##   
## Pre-processing: spatial sign transformation, scaled, centered   
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 74, 74, 74, 74, 74, 74, ...   
##   
## Resampling results across tuning parameters:  
##   
## size decay Accuracy Kappa Accuracy SD Kappa SD   
## 1 0.0 0.6648709 0.53220892 0.12725584 0.16326816  
## 1 0.1 0.6034026 0.42832571 0.09864739 0.10237257  
## 1 1.0 0.4788766 0.22225076 0.13627824 0.18084217  
## 1 2.0 0.3825314 0.04138541 0.09946313 0.10046983  
## 2 0.0 0.7847494 0.70290788 0.10038603 0.12938637  
## 2 0.1 0.7972934 0.71769315 0.09614430 0.12608159  
## 2 1.0 0.6405966 0.45934245 0.12557477 0.15839886  
## 2 2.0 0.4998284 0.21904659 0.16346514 0.23090603  
## 3 0.0 0.8257587 0.76143528 0.09841432 0.13151277  
## 3 0.1 0.8872770 0.84322670 0.07569126 0.10293584  
## 3 1.0 0.6652906 0.49815946 0.10883236 0.13954455  
## 3 2.0 0.4877551 0.21357216 0.15010191 0.20258803  
## 4 0.0 0.8496706 0.79350459 0.05941586 0.07631097  
## 4 0.1 0.8836937 0.83842959 0.07810702 0.10747324  
## 4 1.0 0.6807899 0.52594808 0.12044635 0.16102161  
## 4 2.0 0.5139497 0.24550291 0.14266015 0.20779285  
## 5 0.0 0.8619856 0.80961708 0.08170524 0.11257604  
## 5 0.1 0.8840383 0.83923357 0.07861164 0.10758950  
## 5 1.0 0.6855950 0.53180160 0.11675353 0.15810992  
## 5 2.0 0.5236643 0.26001319 0.14881456 0.22140435  
## 6 0.0 0.6538462 0.51950719 NA NA  
## 6 0.1 0.7307692 0.63672655 NA NA  
## 6 1.0 0.6153846 0.48207171 NA NA  
## 6 2.0 0.4230769 0.08878505 NA NA  
## 7 0.0 NaN NaN NA NA  
## 7 0.1 NaN NaN NA NA  
## 7 1.0 NaN NaN NA NA  
## 7 2.0 NaN NaN NA NA  
## 8 0.0 NaN NaN NA NA  
## 8 0.1 NaN NaN NA NA  
## 8 1.0 NaN NaN NA NA  
## 8 2.0 NaN NaN NA NA  
## 9 0.0 NaN NaN NA NA  
## 9 0.1 NaN NaN NA NA  
## 9 1.0 NaN NaN NA NA  
## 9 2.0 NaN NaN NA NA  
## 10 0.0 NaN NaN NA NA  
## 10 0.1 NaN NaN NA NA  
## 10 1.0 NaN NaN NA NA  
## 10 2.0 NaN NaN NA NA  
##   
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were size = 3 and decay = 0.1.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction A B C D E F G  
## A 9 0 1 0 0 0 0  
## B 0 6 0 0 0 0 0  
## C 0 0 0 0 0 0 0  
## D 0 0 0 1 0 0 0  
## E 0 0 0 0 2 0 0  
## F 0 0 0 0 0 2 1  
## G 0 0 0 0 0 0 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.9091   
## 95% CI : (0.7084, 0.9888)  
## No Information Rate : 0.4091   
## P-Value [Acc > NIR] : 1.485e-06   
##   
## Kappa : 0.8732   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: A Class: B Class: C Class: D Class: E Class: F  
## Sensitivity 1.0000 1.0000 0.00000 1.00000 1.00000 1.00000  
## Specificity 0.9231 1.0000 1.00000 1.00000 1.00000 0.95000  
## Pos Pred Value 0.9000 1.0000 NaN 1.00000 1.00000 0.66667  
## Neg Pred Value 1.0000 1.0000 0.95455 1.00000 1.00000 1.00000  
## Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Rate 0.4091 0.2727 0.00000 0.04545 0.09091 0.09091  
## Detection Prevalence 0.4545 0.2727 0.00000 0.04545 0.09091 0.13636  
## Balanced Accuracy 0.9615 1.0000 0.50000 1.00000 1.00000 0.97500  
## Class: G  
## Sensitivity 0.00000  
## Specificity 1.00000  
## Pos Pred Value NaN  
## Neg Pred Value 0.95455  
## Prevalence 0.04545  
## Detection Rate 0.00000  
## Detection Prevalence 0.00000  
## Balanced Accuracy 0.50000

## Flexible Discriminant Analysis   
##   
## 74 samples  
## 6 predictor  
## 7 classes: 'A', 'B', 'C', 'D', 'E', 'F', 'G'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 74, 74, 74, 74, 74, 74, ...   
##   
## Resampling results across tuning parameters:  
##   
## nprune Accuracy Kappa Accuracy SD Kappa SD   
## 2 0.4783785 0.2758981 0.11389900 0.13503427  
## 8 0.9003355 0.8660768 0.06291922 0.08277870  
## 14 0.9064062 0.8748848 0.06737884 0.08818778  
##   
## Tuning parameter 'degree' was held constant at a value of 1  
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were degree = 1 and nprune = 14.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction A B C D E F G  
## A 9 0 0 0 0 0 0  
## B 0 6 0 0 0 0 0  
## C 0 0 1 0 0 0 0  
## D 0 0 0 1 0 0 0  
## E 0 0 0 0 2 0 0  
## F 0 0 0 0 0 2 0  
## G 0 0 0 0 0 0 1  
##   
## Overall Statistics  
##   
## Accuracy : 1   
## 95% CI : (0.8456, 1)  
## No Information Rate : 0.4091   
## P-Value [Acc > NIR] : 2.884e-09   
##   
## Kappa : 1   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: A Class: B Class: C Class: D Class: E Class: F  
## Sensitivity 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Specificity 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Pos Pred Value 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Neg Pred Value 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Rate 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Balanced Accuracy 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Class: G  
## Sensitivity 1.00000  
## Specificity 1.00000  
## Pos Pred Value 1.00000  
## Neg Pred Value 1.00000  
## Prevalence 0.04545  
## Detection Rate 0.04545  
## Detection Prevalence 0.04545  
## Balanced Accuracy 1.00000

## fda variable importance  
##   
## Overall  
## Oleic 100.00  
## Palmitic 91.98  
## Linolenic 82.23  
## Stearic 70.35  
## Eicosanoic 14.40  
## Eicosenoic 0.00

## Support Vector Machines with Radial Basis Function Kernel   
##   
## 74 samples  
## 6 predictor  
## 7 classes: 'A', 'B', 'C', 'D', 'E', 'F', 'G'   
##   
## No pre-processing  
## Resampling: Bootstrapped (25 reps)   
##   
## Summary of sample sizes: 74, 74, 74, 74, 74, 74, ...   
##   
## Resampling results across tuning parameters:  
##   
## C Accuracy Kappa Accuracy SD Kappa SD   
## 0.0625 0.3466740 0.01823256 0.09134151 0.09116279  
## 0.1250 0.3588824 0.03630477 0.08975440 0.09814134  
## 0.2500 0.5654854 0.36061138 0.12483022 0.17177148  
## 0.5000 0.8181702 0.74610561 0.10097075 0.14126267  
## 1.0000 0.9009410 0.86371734 0.05208114 0.07468266  
## 2.0000 0.9277646 0.90186379 0.04436734 0.06144111  
## 4.0000 0.9322922 0.90823733 0.04541202 0.06295994  
## 8.0000 0.9363110 0.91369080 0.04670017 0.06431233  
## 16.0000 0.9363110 0.91370881 0.04908696 0.06758431  
##   
## Tuning parameter 'sigma' was held constant at a value of 0.03111062  
## Kappa was used to select the optimal model using the largest value.  
## The final values used for the model were sigma = 0.03111062 and C = 16.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction A B C D E F G  
## A 9 0 0 0 0 0 0  
## B 0 6 0 0 0 0 0  
## C 0 0 1 0 0 0 0  
## D 0 0 0 1 0 0 0  
## E 0 0 0 0 2 0 0  
## F 0 0 0 0 0 2 0  
## G 0 0 0 0 0 0 1  
##   
## Overall Statistics  
##   
## Accuracy : 1   
## 95% CI : (0.8456, 1)  
## No Information Rate : 0.4091   
## P-Value [Acc > NIR] : 2.884e-09   
##   
## Kappa : 1   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: A Class: B Class: C Class: D Class: E Class: F  
## Sensitivity 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Specificity 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Pos Pred Value 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Neg Pred Value 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Rate 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Balanced Accuracy 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Class: G  
## Sensitivity 1.00000  
## Specificity 1.00000  
## Pos Pred Value 1.00000  
## Neg Pred Value 1.00000  
## Prevalence 0.04545  
## Detection Rate 0.04545  
## Detection Prevalence 0.04545  
## Balanced Accuracy 1.00000

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 12.2, 12.2, 9.8, 9.8, 9.7, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 10, 12.2,  
## : k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 10, 10, 9.8,  
## : k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 9.8, : k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 11.1, 9.3, 11.2,  
## : k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k= 1 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample06: k= 5 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample06: k= 9 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample06: k= 13 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample06: k= 17 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample06: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample06: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample06: k= 41 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample06: k= 61 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 81 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k= 81 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 151 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=151 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 201 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=201 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 251 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=251 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 301 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=301 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 351 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=351 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 401 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=401 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 10, 9.8,  
## : k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample06: k=451 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 9.8, 11.5, 11.1,  
## : k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k= 1 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample08: k= 5 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample08: k= 9 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample08: k= 13 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample08: k= 17 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample08: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample08: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample08: k= 41 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample08: k= 61 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 81 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k= 81 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 151 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=151 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 201 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=201 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 251 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=251 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 301 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=301 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 351 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=351 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 401 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=401 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 12.2, 11.5,  
## 11.5, : k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample08: k=451 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L, :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 9.7, 9.7, 11.1, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 9.7, 11.1, 11.1, 10, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 12.2, 12.2, 9.8, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 12.2, 12.2, 9.8, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 10, 12.2, 9.8, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 9.8, 11.1, 11.1, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 10, 10, 10, 12.2,  
## 11.5, : k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 9.7, 11.1, 11.5, 11.1, 9.3,  
## : k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k= 1 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample18: k= 5 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample18: k= 9 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample18: k= 13 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample18: k= 17 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample18: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample18: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample18: k= 41 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample18: k= 61 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 81 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k= 81 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 151 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=151 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 201 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=201 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 251 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=251 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 301 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=301 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 351 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=351 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 401 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=401 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(11.1, 10, 10, 9.8, 9.8, 9.8,  
## 11.5, : k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample18: k=451 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 1 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 5 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 9 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 13 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 17 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 41 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample19: k= 61 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 81 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k= 81 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 151 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=151 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 201 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=201 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 251 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=251 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 301 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=301 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 351 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=351 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 401 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=401 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 12.2, 9.8, 11.5, 11.5,  
## : k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample19: k=451 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 10, 10, 12.2, 12.2, :  
## k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(11.1, 11.1, 12.2, 11.1, 11.1,  
## 11.6, : k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 12.2, :  
## k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k= 1 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample23: k= 5 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample23: k= 9 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample23: k= 13 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample23: k= 17 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample23: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample23: k= 21 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample23: k= 41 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning: predictions failed for Resample23: k= 61 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 81 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k= 81 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 101 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=101 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 151 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=151 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 201 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=201 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 251 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=251 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 301 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=301 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 351 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=351 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 401 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=401 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(9.7, 11.1, 9.8, 11.5, 9.7, 9.7, :  
## k = 451 exceeds number 74 of patterns

## Warning: predictions failed for Resample23: k=451 Error in `colnames<-`(`\*tmp\*`, value = structure(c(1L, 2L, 4L, 5L, 6L), .Label = c("A", :   
## length of 'dimnames' [2] not equal to array extent

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(10, 12.2, 12.2, 12.2, 12.2, 9.8,  
## : k = 451 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 81 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 101 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 151 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 201 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 251 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 301 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 351 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 401 exceeds number 74 of patterns

## Warning in knn3Train(train = structure(c(9.7, 11.1, 11.1, 10, 10, 11.5, :  
## k = 451 exceeds number 74 of patterns

## Warning in nominalTrainWorkflow(x = x, y = y, wts = weights, info =  
## trainInfo, : There were missing values in resampled performance measures.

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction A B C D E F G  
## A 9 0 0 0 0 0 1  
## B 0 6 0 0 0 0 0  
## C 0 0 1 0 0 0 0  
## D 0 0 0 1 0 0 0  
## E 0 0 0 0 2 0 0  
## F 0 0 0 0 0 2 0  
## G 0 0 0 0 0 0 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.9545   
## 95% CI : (0.7716, 0.9988)  
## No Information Rate : 0.4091   
## P-Value [Acc > NIR] : 9.454e-08   
##   
## Kappa : 0.9368   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: A Class: B Class: C Class: D Class: E Class: F  
## Sensitivity 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Specificity 0.9231 1.0000 1.00000 1.00000 1.00000 1.00000  
## Pos Pred Value 0.9000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Neg Pred Value 1.0000 1.0000 1.00000 1.00000 1.00000 1.00000  
## Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Rate 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Prevalence 0.4545 0.2727 0.04545 0.04545 0.09091 0.09091  
## Balanced Accuracy 0.9615 1.0000 1.00000 1.00000 1.00000 1.00000  
## Class: G  
## Sensitivity 0.00000  
## Specificity 1.00000  
## Pos Pred Value NaN  
## Neg Pred Value 0.95455  
## Prevalence 0.04545  
## Detection Rate 0.00000  
## Detection Prevalence 0.00000  
## Balanced Accuracy 0.50000

## Confusion Matrix and Statistics  
##   
## Reference  
## Prediction A B C D E F G  
## A 9 0 0 0 1 0 1  
## B 0 6 0 0 0 0 0  
## C 0 0 1 0 0 0 0  
## D 0 0 0 1 0 0 0  
## E 0 0 0 0 1 0 0  
## F 0 0 0 0 0 2 0  
## G 0 0 0 0 0 0 0  
##   
## Overall Statistics  
##   
## Accuracy : 0.9091   
## 95% CI : (0.7084, 0.9888)  
## No Information Rate : 0.4091   
## P-Value [Acc > NIR] : 1.485e-06   
##   
## Kappa : 0.871   
## Mcnemar's Test P-Value : NA   
##   
## Statistics by Class:  
##   
## Class: A Class: B Class: C Class: D Class: E Class: F  
## Sensitivity 1.0000 1.0000 1.00000 1.00000 0.50000 1.00000  
## Specificity 0.8462 1.0000 1.00000 1.00000 1.00000 1.00000  
## Pos Pred Value 0.8182 1.0000 1.00000 1.00000 1.00000 1.00000  
## Neg Pred Value 1.0000 1.0000 1.00000 1.00000 0.95238 1.00000  
## Prevalence 0.4091 0.2727 0.04545 0.04545 0.09091 0.09091  
## Detection Rate 0.4091 0.2727 0.04545 0.04545 0.04545 0.09091  
## Detection Prevalence 0.5000 0.2727 0.04545 0.04545 0.04545 0.09091  
## Balanced Accuracy 0.9231 1.0000 1.00000 1.00000 0.75000 1.00000  
## Class: G  
## Sensitivity 0.00000  
## Specificity 1.00000  
## Pos Pred Value NaN  
## Neg Pred Value 0.95455  
## Prevalence 0.04545  
## Detection Rate 0.00000  
## Detection Prevalence 0.00000  
## Balanced Accuracy 0.50000