

# Introduction to Mushroom Learning

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Figure 1: source: <https://blog.goodeggs.com/blog/cooking-different-types-of-mushrooms>

Collecting mushrooms recently gained popularity (which you can see on Instagram and mushroom picking blogs). Since mushrooms come in many different colors and shapes, their edibility for humans is not necessarily obvious. Naturally, instead of asking your grandparents for advice, a statistical analysis is the way to go to find out whether a mushroom is edible or poisonous given certain attributes.

## Mushroom attributes

Our main goal is to classify each mushroom into one of the two classes “edible” or “poisonous” by using machine learning methods. For this task, we can use various mushroom attributes like cap, gill, stalk, odor, population or habitat. The cap shape, e.g., can be either “bell”, “conical”, “convex”, “flat”, “knobbed” or “sunken” (see table below). The dataset contains 8124 observations with 22 nominal features.

## Dataset Overview

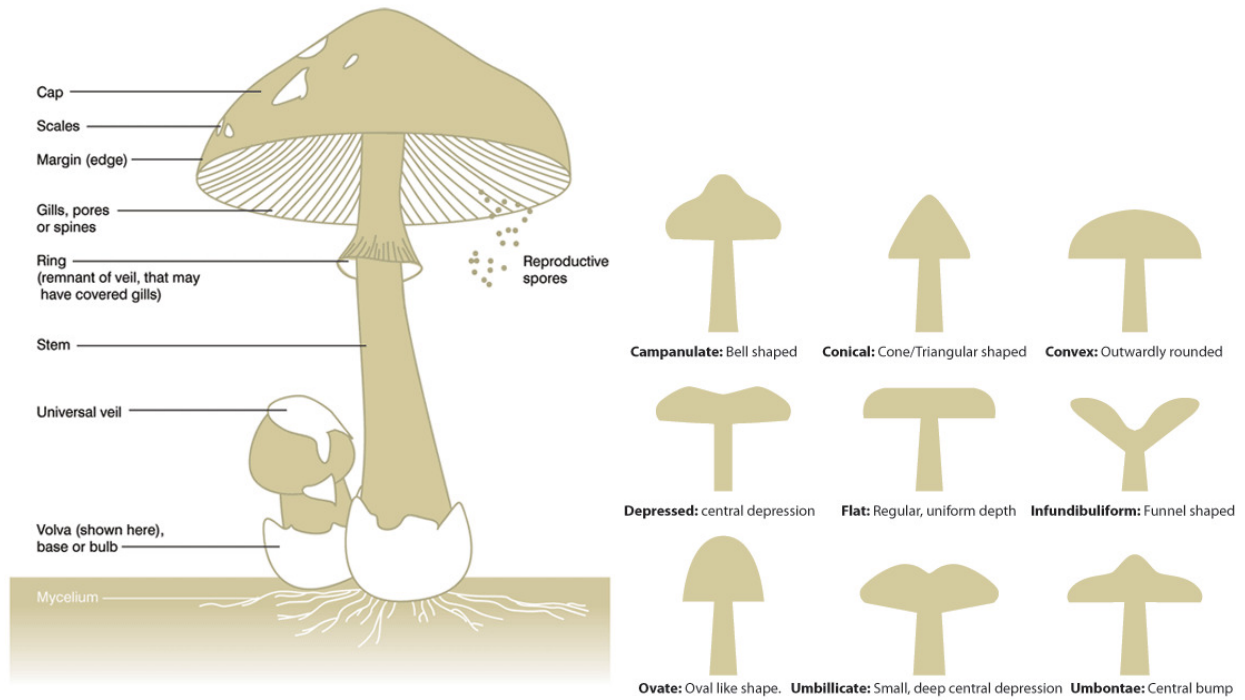


Figure 2: source: <https://www.mushroomdiary.co.uk/mushroom-identification/>

Variable	Encoding
classes	edible=e, poisonous=p
cap-shape	bell=b, conical=c, convex=x, flat=f, knobbed=k, sunken=s
cap-surface	fibrous=f, grooves=g, scaly=y, smooth=s
cap-color	brown=n, buff=b, cinnamon=c, gray=g, green=r, pink=p, purple=u, red=e, white=w, yellow=y
bruises	bruises=t, no=f

Variable	Encoding
odor	almond=a, anise=l, creosote=c, fishy=y, foul=f, musty=m, none=n, pungent=p, spicy=s
gill-attachment	attached=a, descending=d, free=f, notched=n
gill-spacing	close=c, crowded=w, distant=d
gill-size	broad=b, narrow=n
gill-color	black=k, brown=n, buff=b, chocolate=h, gray=g, green=r, orange=o, pink=p, purple=u, red=e, white=w, yellow=y
stalk-shape	enlarging=e, tapering=t
stalk-root	bulbous=b, club=c, cup=u, equal=e, rhi- zomorphs=z, rooted=r, missing=?
stalk-surface-above-ring	fibrous=f, scaly=y, silky=k, smooth=s
stalk-surface-below-ring	fibrous=f, scaly=y, silky=k, smooth=s

Variable	Encoding
stalk-color-above-ring	brown=n, buff=b, cinnamon=c, gray=g, orange=o, pink=p, red=e, white=w, yellow=y
stalk-color-below-ring	brown=n, buff=b, cinnamon=c, gray=g, orange=o, pink=p, red=e, white=w, yellow=y
veil-type	partial=p, universal=u
veil-color	brown=n, orange=o, white=w, yellow=y
ring-number	none=n, one=o, two=t
ring-type	cobwebby=c, evanescent=e, flaring=f, large=l, none=n, pendant=p, sheathing=s, zone=z
spore-print-color	black=k, brown=n, buff=b, chocolate=h, green=r, orange=o, purple=u, white=w, yellow=y
population	abundant=a, clustered=c, numerous=n, scattered=s, several=v, solitary=y

Variable	Encoding
habitat	grasses=g, leaves=l, meadows=m, paths=p, urban=u, waste=w, woods=d

```
#Overview of data
head(mushrooms_data)
```

```
##      class cap.shape cap.surface cap.color bruises   odor gill.attachment
## 1 poisonous      x          s          n          t pungent          f
## 2  edible      x          s          y          t  almond          f
## 3  edible      b          s          w          t  anise          f
## 4 poisonous      x          y          w          t pungent          f
## 5  edible      x          s          g          f   none          f
## 6  edible      x          y          y          t  almond          f
##  gill.spacing gill.size gill.color stalk.shape stalk.root
## 1           c          n    black          e          e
## 2           c          b    black          e          c
## 3           c          b   brown          e          c
## 4           c          n   brown          e          e
## 5           w          b    black          t          e
## 6           c          b   brown          e          c
##  stalk.surface.above.ring stalk.surface.below.ring stalk.color.above.ring
## 1                      s                      s                      w
## 2                      s                      s                      w
## 3                      s                      s                      w
## 4                      s                      s                      w
## 5                      s                      s                      w
## 6                      s                      s                      w
##  stalk.color.below.ring veil.color ring.number ring.type spore.print.color
## 1                      w          w          o          p          k
## 2                      w          w          o          p          n
## 3                      w          w          o          p          n
## 4                      w          w          o          p          k
## 5                      w          w          o          e          n
## 6                      w          w          o          p          k
##  population habitat
## 1          s      u
## 2          n      g
## 3          n      m
## 4          s      u
## 5          a      g
## 6          n      g
```

```
summary(mushrooms_data)
```

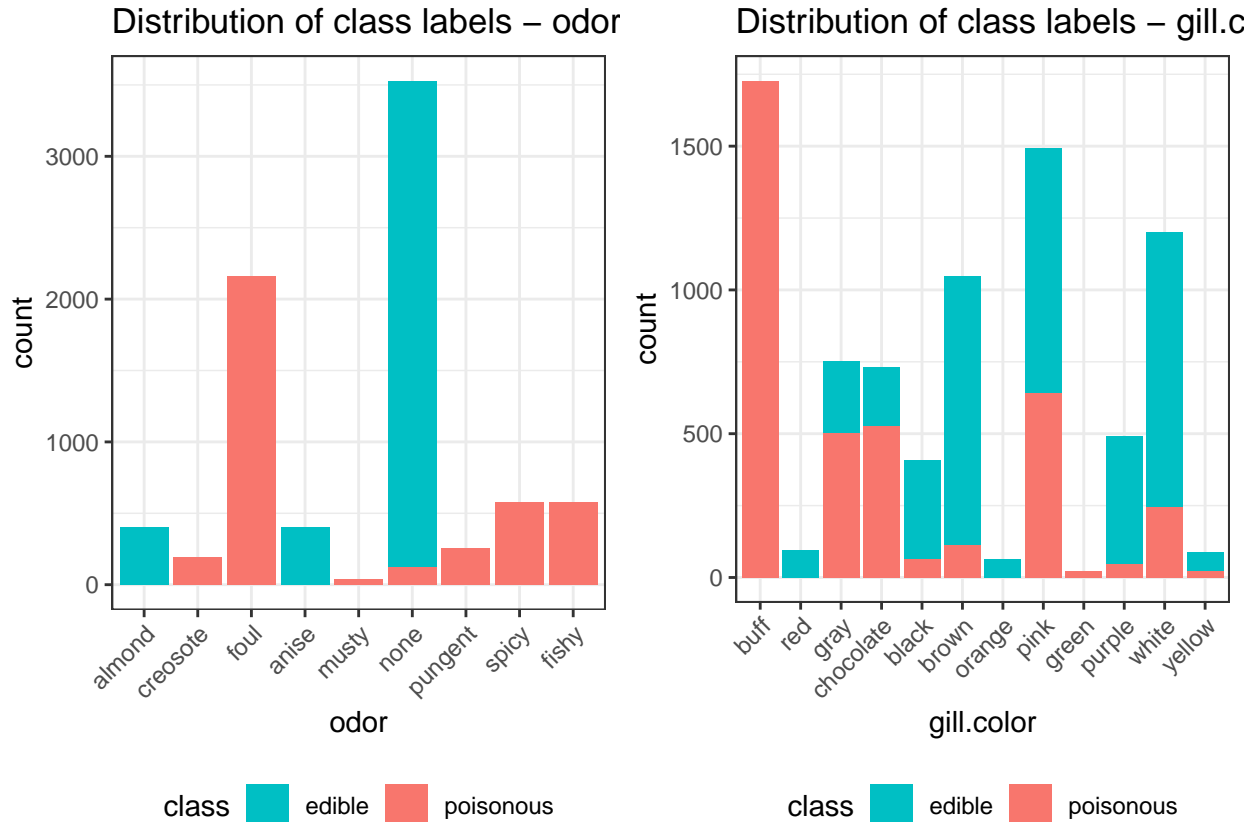
```
##      class      cap.shape cap.surface  cap.color  bruises      odor
##  edible   :4208  b: 452    f:2320    n      :2284  f:4748  none   :3528
##  poisonous:3916  c:  4     g:  4     g      :1840  t:3376  foul   :2160
```

```

##          f:3152      s:2556      e      :1500          spicy : 576
##          k: 828      y:3244      y      :1072          fishy  : 576
##          s:  32              w      :1040          almond : 400
##          x:3656              b      : 168          anise   : 400
##                                (Other): 220          (Other): 484
## gill.attachment gill.spacing gill.size      gill.color  stalk.shape stalk.root
## a: 210          c:6812      b:5612  buff      :1728  e:3516  ?:2480
## f:7914          w:1312      n:2512  pink      :1492  t:4608  b:3776
##                                white   :1202          c: 556
##                                brown   :1048          e:1120
##                                gray    : 752          r: 192
##                                chocolate: 732
##                                (Other) :1170
## stalk.surface.above.ring stalk.surface.below.ring stalk.color.above.ring
## f: 552          f: 600              w      :4464
## k:2372          k:2304              p      :1872
## s:5176          s:4936              g      : 576
## y: 24          y: 284              n      : 448
##                                b      : 432
##                                o      : 192
##                                (Other): 140
## stalk.color.below.ring veil.color ring.number ring.type spore.print.color
## w      :4384          n: 96      n: 36      e:2776  w      :2388
## p      :1872          o: 96      o:7488  f: 48  n      :1968
## g      : 576          w:7924      t: 600      l:1296  k      :1872
## n      : 512          y: 8              n: 36  h      :1632
## b      : 432              p:3968  r      : 72
## o      : 192              b      : 48
## (Other): 156              (Other): 144
## population habitat
## a: 384      d:3148
## c: 340      g:2148
## n: 400      l: 832
## s:1248      m: 292
## v:4040      p:1144
## y:1712      u: 368
##          w: 192

```

In order to get a better feeling for our mushrooms, let us do some plotting. As can be seen in the barplot below, odor seems to be quite a good indicator whether a mushroom is poisonous or edible. According to this simple descriptive visualization, pungent, spicy or fishy odors clearly identify poisonous mushrooms.



## Mushroom Learning

Machine learning analyses focus in particular on two aspects: First, on comparing performances of different machine learning methods such as k-nearest neighbors (KNN) or Random Forests on a specific data set and second, tuning hyper parameters for some of the used methods.

## Evaluation Framework

mlr3 is a machine learning (our in our case mushroom learning) framework in R offering a uniform interface for all necessary steps like defining a task, training a learner, predicting new data and evaluating learner performance. A task in mlr3 contains the data as well as meta information such as the name of the target variable and the task type - in our case “classification”.

```
# Construct Classification Task
task_mushrooms = TaskClassif$new(id = "mushrooms_data",
                                  backend = mushrooms_data,
                                  target = "class",
                                  positive = "edible") #
```

Additionally to building a machine learning model for predicting the classes, it is crucial to obtain a realistic generalization error (GE) for our estimates. Therefore, we decided to employ a nested resampling strategy with 5-fold cross validation (CV) in the inner loop and 10-fold CV in the outer loop. The number of folds was chosen to balance the bias and variance of our estimate while still achieving a reasonable run time.

```
# Resampling Strategies
# 5 fold cross validation for inner loop
resampling_inner_5CV = rsmp("cv", folds = 5L)
```

```
# 10 fold cross validation for outer loop
resampling_outer_10CV = rsmp("cv", folds = 10L)
```

Model tuning will be based on the AUC since our focus is to correctly classify as many classifications as possible. Nevertheless, printing other measures is also useful for assessing the performances of other aspects such as falsely predicting an actually poisonous mushroom as edible.

For the second part of the project - hyperparameter tuning - we chose grid search because the range of possible hyperparameter values is discrete and rather small. More precisely, the random forest hyperparameter mtry (i.e., the number of variables randomly sampled as candidates at each split) is evaluated in the entire range of 1 to 21 and k in KNN (number of neighbors considered) is tested between 1 and 50.

```
# Performance Measures
measures = list(
  msr("classif.auc",
    id = "AUC"),
  msr("classif.fpr",
    id = "False Positive Rate"), # false positive rate especially interesting
  # for our falsely edible (although actually poisonous) classification
  msr("classif.sensitivity",
    id = "Sensitivity"),
  msr("classif.specificity",
    id = "Specificity"),
  msr("classif.ce",
    id = "MMCE")
)

# Choose optimization algorithm:
tuner_grid_search_knn = tnr("grid_search", resolution = 50)
tuner_grid_search_mtry = tnr("grid_search", resolution = 21)

# evaluate performance on AUC:
measures_tuning = msr("classif.auc", id = "AUC")
# Set when to terminate:
terminator_knn = term("evals", n_evals = 50)
# since almost all mtry values lead to very good results we evaluate 1 to 21 features as opposed to a t
terminator_mtry = term("evals", n_evals = 21)
```

## Choosing Algorithms

A relevant property of our dataset is that all features are nominal and thus multinomially distributed. Therefore, linear and quadratic discriminant analyses (LDA and QDA) are not possible due to the violated assumption of normally distributed features. We will compare featureless, naive bayes, KNN, logistic regression, decision tree and random forest models since they are all suitable for binary classification with nominal features.

In the following part, we define our inner loop of the nested resampling process in order to tune the chosen hyperparameters. Only the random forest (mtry) and KNN (k) have hyperparameters which will be tuned in a 5-fold-cv.

```
# Autotune knn -----
# Define learner:
learner_knn = lrn("classif.kknn", predict_type = "prob")

# tune the chosen hyperparameter k with these boundaries:
param_k = ParamSet$new(
```



```

list(
  ParamInt$new("k", lower = 1L, upper = 50)
)
)

# Set up autotuner instance with the predefined setups
tuner_knn = AutoTuner$new(
  learner = learner_knn,
  resampling = resampling_inner_5CV,
  measures = measures_tuning,
  tune_ps = param_k,
  terminator = terminator_knn,
  tuner = tuner_grid_search_knn
)

# Autotune Random Forest -----
# Define learner:
learner_ranger = lrn("classif.ranger", predict_type = "prob", importance = "impurity")

# we will try all configurations: 1 to 21 features.
param_mtry = ParamSet$new(
  list(
    ParamInt$new("mtry", lower = 1L, upper = 21L)
  )
)

# Set up autotuner instance with the predefined setups
tuner_ranger = AutoTuner$new(
  learner = learner_ranger,
  resampling = resampling_inner_5CV,
  measures = measures_tuning,
  tune_ps = param_mtry,
  terminator = terminator_mtry,
  tuner = tuner_grid_search_mtry
)

(learners = list(lrn("classif.featureless", predict_type = "prob"),
  lrn("classif.naive_bayes", predict_type = "prob"),
  lrn("classif.rpart", predict_type = "prob"),
  lrn("classif.log_reg", predict_type = "prob"),
  tuner_ranger,
  tuner_knn))

## [[1]]
## <LearnerClassifFeatureless:classif.featureless>
## * Model: -
## * Parameters: method=mode
## * Packages: -
## * Predict Type: prob
## * Feature types: logical, integer, numeric, character, factor, ordered
## * Properties: importance, missings, multiclass, selected_features,

```

```

## twoclass
##
## [[2]]
## <LearnerClassifNaiveBayes:classif.naive_bayes>
## * Model: -
## * Parameters: list()
## * Packages: e1071
## * Predict Type: prob
## * Feature types: logical, integer, numeric, factor
## * Properties: multiclass, twoclass
##
## [[3]]
## <LearnerClassifRpart:classif.rpart>
## * Model: -
## * Parameters: xval=0
## * Packages: rpart
## * Predict Type: prob
## * Feature types: logical, integer, numeric, factor, ordered
## * Properties: importance, missings, multiclass, selected_features,
## twoclass, weights
##
## [[4]]
## <LearnerClassifLogReg:classif.log_reg>
## * Model: -
## * Parameters: list()
## * Packages: stats
## * Predict Type: prob
## * Feature types: logical, integer, numeric, character, factor, ordered
## * Properties: twoclass, weights
##
## [[5]]
## <AutoTuner:classif.ranger.tuned>
## * Model: -
## * Parameters: importance=impurity
## * Packages: ranger
## * Predict Type: prob
## * Feature types: logical, integer, numeric, character, factor, ordered
## * Properties: importance, multiclass, oob_error, twoclass, weights
##
## [[6]]
## <AutoTuner:classif.kknn.tuned>
## * Model: -
## * Parameters: list()
## * Packages: kknn
## * Predict Type: prob
## * Feature types: logical, integer, numeric, factor, ordered
## * Properties: multiclass, twoclass

```

## Benchmark Results

The final benchmark of all 6 methods, which is the outer loop of our nested resampling with a 10-fold-cv, is shown below. In this step the GE as well as other performance measures of the algorithms are compared.

```

design = benchmark_grid(
  tasks = task_mushrooms,

```

```

    learners = learners,
    resamplings = resampling_outer_10CV
)

bmr = benchmark(design, store_models = TRUE)

```

```

## INFO [21:50:21.201] Benchmark with 60 resampling iterations
## INFO [21:50:21.235] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 1/10)
## INFO [21:50:21.272] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 2/10)
## INFO [21:50:21.292] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 3/10)
## INFO [21:50:21.310] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 4/10)
## INFO [21:50:21.329] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 5/10)
## INFO [21:50:21.348] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 6/10)
## INFO [21:50:21.367] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 7/10)
## INFO [21:50:21.386] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 8/10)
## INFO [21:50:21.405] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 9/10)
## INFO [21:50:21.424] Applying learner 'classif.featureless' on task 'mushrooms_data' (iter 10/10)
## INFO [21:50:21.443] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 1/10)
## INFO [21:50:22.024] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 2/10)
## INFO [21:50:22.580] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 3/10)
## INFO [21:50:23.132] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 4/10)
## INFO [21:50:23.683] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 5/10)
## INFO [21:50:24.230] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 6/10)
## INFO [21:50:24.784] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 7/10)
## INFO [21:50:25.338] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 8/10)
## INFO [21:50:25.948] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 9/10)
## INFO [21:50:26.498] Applying learner 'classif.naive_bayes' on task 'mushrooms_data' (iter 10/10)
## INFO [21:50:27.041] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 1/10)
## INFO [21:50:27.112] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 2/10)
## INFO [21:50:27.174] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 3/10)
## INFO [21:50:27.233] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 4/10)
## INFO [21:50:27.500] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 5/10)
## INFO [21:50:27.554] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 6/10)
## INFO [21:50:27.609] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 7/10)
## INFO [21:50:27.667] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 8/10)
## INFO [21:50:27.720] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 9/10)
## INFO [21:50:27.778] Applying learner 'classif.rpart' on task 'mushrooms_data' (iter 10/10)
## INFO [21:50:27.831] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 1/10)

## Warning: glm.fit: algorithm did not converge

## Warning in predict.lm(object, newdata, se.fit, scale = 1, type = if (type == :
## prediction from a rank-deficient fit may be misleading

## INFO [21:50:30.234] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 2/10)

## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading

## INFO [21:50:32.394] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 3/10)

## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading

## INFO [21:50:34.367] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 4/10)

```

```

## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading
## INFO [21:50:36.536] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 5/10)
## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading
## INFO [21:50:38.691] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 6/10)
## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading
## INFO [21:50:40.860] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 7/10)
## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading
## INFO [21:50:42.840] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 8/10)
## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading
## INFO [21:50:45.005] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 9/10)
## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading
## INFO [21:50:47.151] Applying learner 'classif.log_reg' on task 'mushrooms_data' (iter 10/10)
## Warning: glm.fit: algorithm did not converge

## Warning: prediction from a rank-deficient fit may be misleading
## INFO [21:50:49.110] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 1/10)
## INFO [21:50:49.171] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:50:49.173] Terminator settings: n_evals=21
## INFO [21:50:49.181] Evaluating 1 configurations
## INFO [21:50:49.184] mtry
## INFO [21:50:49.184] 16
## INFO [21:50:49.218] Benchmark with 5 resampling iterations
## INFO [21:50:49.219] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:50:49.711] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:50:50.195] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:50:50.679] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:50:51.149] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:50:51.659] Finished benchmark
## INFO [21:50:51.675] Result of batch 1:
## INFO [21:50:51.678] mtry AUC
## INFO [21:50:51.678] 16 1
## INFO [21:50:51.680] 1 configurations evaluated
## INFO [21:50:51.757] Evaluating 1 configurations
## INFO [21:50:51.759] mtry
## INFO [21:50:51.759] 12

```

```

## INFO [21:50:51.791] Benchmark with 5 resampling iterations
## INFO [21:50:51.792] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:50:52.227] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:50:52.661] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:50:53.087] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:50:53.505] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:50:53.962] Finished benchmark
## INFO [21:50:53.975] Result of batch 2:
## INFO [21:50:53.978]   mtry AUC
## INFO [21:50:53.978]     12  1
## INFO [21:50:53.981] 2 configurations evaluated
## INFO [21:50:53.993] Evaluating 1 configurations
## INFO [21:50:53.996]   mtry
## INFO [21:50:53.996]     19
## INFO [21:50:54.028] Benchmark with 5 resampling iterations
## INFO [21:50:54.029] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:50:54.557] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:50:55.060] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:50:55.564] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:50:56.057] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:50:56.613] Finished benchmark
## INFO [21:50:56.626] Result of batch 3:
## INFO [21:50:56.629]   mtry AUC
## INFO [21:50:56.629]     19  1
## INFO [21:50:56.631] 3 configurations evaluated
## INFO [21:50:56.642] Evaluating 1 configurations
## INFO [21:50:56.645]   mtry
## INFO [21:50:56.645]     4
## INFO [21:50:56.676] Benchmark with 5 resampling iterations
## INFO [21:50:56.677] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:50:57.004] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:50:57.324] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:50:57.644] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:50:57.960] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:50:58.289] Finished benchmark
## INFO [21:50:58.303] Result of batch 4:
## INFO [21:50:58.305]   mtry AUC
## INFO [21:50:58.305]     4  1
## INFO [21:50:58.307] 4 configurations evaluated
## INFO [21:50:58.320] Evaluating 1 configurations
## INFO [21:50:58.323]   mtry
## INFO [21:50:58.323]     5
## INFO [21:50:58.361] Benchmark with 5 resampling iterations
## INFO [21:50:58.362] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:50:58.733] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:50:59.071] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:50:59.408] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:50:59.744] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:00.088] Finished benchmark
## INFO [21:51:00.101] Result of batch 5:
## INFO [21:51:00.104]   mtry AUC
## INFO [21:51:00.104]     5  1
## INFO [21:51:00.105] 5 configurations evaluated
## INFO [21:51:00.117] Evaluating 1 configurations

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## INFO [21:51:00.119] mtry
## INFO [21:51:00.119] 21
## INFO [21:51:00.152] Benchmark with 5 resampling iterations
## INFO [21:51:00.153] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:00.715] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:01.248] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:01.937] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:02.493] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:03.180] Finished benchmark
## INFO [21:51:03.197] Result of batch 6:
## INFO [21:51:03.202] mtry AUC
## INFO [21:51:03.202] 21 1
## INFO [21:51:03.205] 6 configurations evaluated
## INFO [21:51:03.222] Evaluating 1 configurations
## INFO [21:51:03.226] mtry
## INFO [21:51:03.226] 1
## INFO [21:51:03.261] Benchmark with 5 resampling iterations
## INFO [21:51:03.262] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:03.578] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:03.897] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:04.224] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:04.503] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:04.825] Finished benchmark
## INFO [21:51:04.839] Result of batch 7:
## INFO [21:51:04.843] mtry AUC
## INFO [21:51:04.843] 1 0.9999936
## INFO [21:51:04.845] 7 configurations evaluated
## INFO [21:51:04.857] Evaluating 1 configurations
## INFO [21:51:04.860] mtry
## INFO [21:51:04.860] 17
## INFO [21:51:04.892] Benchmark with 5 resampling iterations
## INFO [21:51:04.893] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:05.388] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:05.944] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:06.422] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:06.910] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:07.391] Finished benchmark
## INFO [21:51:07.405] Result of batch 8:
## INFO [21:51:07.407] mtry AUC
## INFO [21:51:07.407] 17 1
## INFO [21:51:07.409] 8 configurations evaluated
## INFO [21:51:07.422] Evaluating 1 configurations
## INFO [21:51:07.424] mtry
## INFO [21:51:07.424] 11
## INFO [21:51:07.456] Benchmark with 5 resampling iterations
## INFO [21:51:07.457] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:07.857] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:08.246] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:08.639] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:09.048] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:09.458] Finished benchmark
## INFO [21:51:09.472] Result of batch 9:
## INFO [21:51:09.475] mtry AUC
## INFO [21:51:09.475] 11 1

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## INFO [21:51:09.477] 9 configurations evaluated
## INFO [21:51:09.489] Evaluating 1 configurations
## INFO [21:51:09.491] mtry
## INFO [21:51:09.491] 7
## INFO [21:51:09.523] Benchmark with 5 resampling iterations
## INFO [21:51:09.524] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:09.879] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:10.235] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:10.576] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:10.954] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:11.342] Finished benchmark
## INFO [21:51:11.355] Result of batch 10:
## INFO [21:51:11.358] mtry AUC
## INFO [21:51:11.358] 7 1
## INFO [21:51:11.360] 10 configurations evaluated
## INFO [21:51:11.371] Evaluating 1 configurations
## INFO [21:51:11.373] mtry
## INFO [21:51:11.373] 3
## INFO [21:51:11.405] Benchmark with 5 resampling iterations
## INFO [21:51:11.406] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:11.735] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:12.062] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:12.383] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:12.706] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:13.039] Finished benchmark
## INFO [21:51:13.052] Result of batch 11:
## INFO [21:51:13.055] mtry AUC
## INFO [21:51:13.055] 3 1
## INFO [21:51:13.057] 11 configurations evaluated
## INFO [21:51:13.068] Evaluating 1 configurations
## INFO [21:51:13.071] mtry
## INFO [21:51:13.071] 13
## INFO [21:51:13.103] Benchmark with 5 resampling iterations
## INFO [21:51:13.104] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:13.540] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:13.975] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:14.400] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:14.848] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:15.288] Finished benchmark
## INFO [21:51:15.302] Result of batch 12:
## INFO [21:51:15.305] mtry AUC
## INFO [21:51:15.305] 13 1
## INFO [21:51:15.307] 12 configurations evaluated
## INFO [21:51:15.319] Evaluating 1 configurations
## INFO [21:51:15.321] mtry
## INFO [21:51:15.321] 9
## INFO [21:51:15.353] Benchmark with 5 resampling iterations
## INFO [21:51:15.354] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:15.733] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:16.126] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:16.503] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:16.912] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:17.322] Finished benchmark
## INFO [21:51:17.335] Result of batch 13:

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## INFO [21:51:17.338] mtry AUC
## INFO [21:51:17.338] 9 1
## INFO [21:51:17.340] 13 configurations evaluated
## INFO [21:51:17.351] Evaluating 1 configurations
## INFO [21:51:17.354] mtry
## INFO [21:51:17.354] 10
## INFO [21:51:17.386] Benchmark with 5 resampling iterations
## INFO [21:51:17.387] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:17.790] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:18.193] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:18.590] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:18.979] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:19.378] Finished benchmark
## INFO [21:51:19.391] Result of batch 14:
## INFO [21:51:19.394] mtry AUC
## INFO [21:51:19.394] 10 1
## INFO [21:51:19.396] 14 configurations evaluated
## INFO [21:51:19.408] Evaluating 1 configurations
## INFO [21:51:19.410] mtry
## INFO [21:51:19.410] 14
## INFO [21:51:19.451] Benchmark with 5 resampling iterations
## INFO [21:51:19.452] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:19.956] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:20.506] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:21.025] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:21.526] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:22.052] Finished benchmark
## INFO [21:51:22.068] Result of batch 15:
## INFO [21:51:22.070] mtry AUC
## INFO [21:51:22.070] 14 1
## INFO [21:51:22.072] 15 configurations evaluated
## INFO [21:51:22.084] Evaluating 1 configurations
## INFO [21:51:22.087] mtry
## INFO [21:51:22.087] 2
## INFO [21:51:22.122] Benchmark with 5 resampling iterations
## INFO [21:51:22.124] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:22.463] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:22.840] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:23.192] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:23.534] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:23.894] Finished benchmark
## INFO [21:51:23.909] Result of batch 16:
## INFO [21:51:23.912] mtry AUC
## INFO [21:51:23.912] 2 1
## INFO [21:51:23.914] 16 configurations evaluated
## INFO [21:51:23.928] Evaluating 1 configurations
## INFO [21:51:23.930] mtry
## INFO [21:51:23.930] 18
## INFO [21:51:23.965] Benchmark with 5 resampling iterations
## INFO [21:51:23.967] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:24.535] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:25.080] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:25.634] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:26.192] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:51:26.695] Finished benchmark
## INFO [21:51:26.708] Result of batch 17:
## INFO [21:51:26.711] mtry AUC
## INFO [21:51:26.711] 18 1
## INFO [21:51:26.713] 17 configurations evaluated
## INFO [21:51:26.726] Evaluating 1 configurations
## INFO [21:51:26.729] mtry
## INFO [21:51:26.729] 6
## INFO [21:51:26.763] Benchmark with 5 resampling iterations
## INFO [21:51:26.765] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:27.117] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:27.481] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:27.838] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:28.179] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:28.530] Finished benchmark
## INFO [21:51:28.544] Result of batch 18:
## INFO [21:51:28.546] mtry AUC
## INFO [21:51:28.546] 6 1
## INFO [21:51:28.548] 18 configurations evaluated
## INFO [21:51:28.561] Evaluating 1 configurations
## INFO [21:51:28.563] mtry
## INFO [21:51:28.563] 20
## INFO [21:51:28.868] Benchmark with 5 resampling iterations
## INFO [21:51:28.869] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:29.429] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:29.987] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:30.528] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:31.094] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:31.685] Finished benchmark
## INFO [21:51:31.699] Result of batch 19:
## INFO [21:51:31.702] mtry AUC
## INFO [21:51:31.702] 20 1
## INFO [21:51:31.704] 19 configurations evaluated
## INFO [21:51:31.717] Evaluating 1 configurations
## INFO [21:51:31.720] mtry
## INFO [21:51:31.720] 15
## INFO [21:51:31.753] Benchmark with 5 resampling iterations
## INFO [21:51:31.754] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:32.245] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:32.737] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:33.217] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:33.670] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:34.148] Finished benchmark
## INFO [21:51:34.163] Result of batch 20:
## INFO [21:51:34.163] mtry AUC
## INFO [21:51:34.163] 15 1
## INFO [21:51:34.163] 20 configurations evaluated
## INFO [21:51:34.179] Evaluating 1 configurations
## INFO [21:51:34.179] mtry
## INFO [21:51:34.179] 8
## INFO [21:51:34.210] Benchmark with 5 resampling iterations
## INFO [21:51:34.210] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:34.595] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:34.958] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:51:35.317] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:35.678] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:36.062] Finished benchmark
## INFO [21:51:36.077] Result of batch 21:
## INFO [21:51:36.077]   mtry AUC
## INFO [21:51:36.077]     8   1
## INFO [21:51:36.077] 21 configurations evaluated
## INFO [21:51:36.093] Finished tuning after 21 evals
## INFO [21:51:36.187] Tuned x: mtry=7
## INFO [21:51:36.187] Tuned y: AUC=1
## INFO [21:51:36.628] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 2/10)
## INFO [21:51:36.679] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:51:36.679] Terminator settings: n_evals=21
## INFO [21:51:36.694] Evaluating 1 configurations
## INFO [21:51:36.694]   mtry
## INFO [21:51:36.694]     9
## INFO [21:51:36.741] Benchmark with 5 resampling iterations
## INFO [21:51:36.741] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:37.125] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:37.516] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:37.887] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:38.274] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:38.695] Finished benchmark
## INFO [21:51:38.711] Result of batch 1:
## INFO [21:51:38.711]   mtry AUC
## INFO [21:51:38.711]     9   1
## INFO [21:51:38.711] 1 configurations evaluated
## INFO [21:51:38.727] Evaluating 1 configurations
## INFO [21:51:38.727]   mtry
## INFO [21:51:38.727]     1
## INFO [21:51:38.758] Benchmark with 5 resampling iterations
## INFO [21:51:38.758] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:39.055] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:39.329] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:39.626] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:39.909] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:40.203] Finished benchmark
## INFO [21:51:40.218] Result of batch 2:
## INFO [21:51:40.218]   mtry   AUC
## INFO [21:51:40.218]     1 0.9999944
## INFO [21:51:40.218] 2 configurations evaluated
## INFO [21:51:40.234] Evaluating 1 configurations
## INFO [21:51:40.234]   mtry
## INFO [21:51:40.234]    21
## INFO [21:51:40.265] Benchmark with 5 resampling iterations
## INFO [21:51:40.265] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:40.812] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:41.343] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:41.890] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:42.418] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:42.991] Finished benchmark
## INFO [21:51:42.991] Result of batch 3:
## INFO [21:51:43.007]   mtry AUC
## INFO [21:51:43.007]    21   1

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## INFO [21:51:43.009] 3 configurations evaluated
## INFO [21:51:43.019] Evaluating 1 configurations
## INFO [21:51:43.019] mtry
## INFO [21:51:43.019] 17
## INFO [21:51:43.050] Benchmark with 5 resampling iterations
## INFO [21:51:43.050] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:43.526] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:44.010] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:44.507] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:44.956] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:45.471] Finished benchmark
## INFO [21:51:45.471] Result of batch 4:
## INFO [21:51:45.487] mtry AUC
## INFO [21:51:45.487] 17 1
## INFO [21:51:45.487] 4 configurations evaluated
## INFO [21:51:45.487] Evaluating 1 configurations
## INFO [21:51:45.503] mtry
## INFO [21:51:45.503] 16
## INFO [21:51:45.534] Benchmark with 5 resampling iterations
## INFO [21:51:45.534] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:46.018] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:46.499] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:46.945] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:47.409] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:47.877] Finished benchmark
## INFO [21:51:47.877] Result of batch 5:
## INFO [21:51:47.893] mtry AUC
## INFO [21:51:47.893] 16 1
## INFO [21:51:47.893] 5 configurations evaluated
## INFO [21:51:47.893] Evaluating 1 configurations
## INFO [21:51:47.909] mtry
## INFO [21:51:47.909] 18
## INFO [21:51:47.940] Benchmark with 5 resampling iterations
## INFO [21:51:47.940] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:48.421] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:48.933] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:49.429] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:49.923] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:50.420] Finished benchmark
## INFO [21:51:50.435] Result of batch 6:
## INFO [21:51:50.435] mtry AUC
## INFO [21:51:50.435] 18 1
## INFO [21:51:50.435] 6 configurations evaluated
## INFO [21:51:50.451] Evaluating 1 configurations
## INFO [21:51:50.451] mtry
## INFO [21:51:50.451] 13
## INFO [21:51:50.482] Benchmark with 5 resampling iterations
## INFO [21:51:50.482] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:50.920] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:51.335] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:51.757] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:52.175] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:52.609] Finished benchmark
## INFO [21:51:52.625] Result of batch 7:

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## INFO [21:51:52.625] mtry AUC
## INFO [21:51:52.625] 13 1
## INFO [21:51:52.625] 7 configurations evaluated
## INFO [21:51:52.640] Evaluating 1 configurations
## INFO [21:51:52.640] mtry
## INFO [21:51:52.640] 3
## INFO [21:51:52.672] Benchmark with 5 resampling iterations
## INFO [21:51:52.672] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:52.984] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:53.297] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:53.609] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:53.922] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:54.250] Finished benchmark
## INFO [21:51:54.265] Result of batch 8:
## INFO [21:51:54.265] mtry AUC
## INFO [21:51:54.265] 3 1
## INFO [21:51:54.265] 8 configurations evaluated
## INFO [21:51:54.281] Evaluating 1 configurations
## INFO [21:51:54.281] mtry
## INFO [21:51:54.281] 20
## INFO [21:51:54.312] Benchmark with 5 resampling iterations
## INFO [21:51:54.312] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:54.850] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:55.362] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:55.878] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:56.396] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:56.931] Finished benchmark
## INFO [21:51:56.946] Result of batch 9:
## INFO [21:51:56.946] mtry AUC
## INFO [21:51:56.946] 20 1
## INFO [21:51:56.946] 9 configurations evaluated
## INFO [21:51:56.962] Evaluating 1 configurations
## INFO [21:51:56.962] mtry
## INFO [21:51:56.962] 6
## INFO [21:51:56.993] Benchmark with 5 resampling iterations
## INFO [21:51:56.993] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:57.346] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:57.690] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:58.018] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:51:58.371] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:51:58.721] Finished benchmark
## INFO [21:51:58.736] Result of batch 10:
## INFO [21:51:58.736] mtry AUC
## INFO [21:51:58.736] 6 1
## INFO [21:51:58.736] 10 configurations evaluated
## INFO [21:51:58.752] Evaluating 1 configurations
## INFO [21:51:58.752] mtry
## INFO [21:51:58.752] 11
## INFO [21:51:58.783] Benchmark with 5 resampling iterations
## INFO [21:51:58.783] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:51:59.189] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:51:59.580] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:51:59.967] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:00.399] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:52:00.803] Finished benchmark
## INFO [21:52:00.803] Result of batch 11:
## INFO [21:52:00.818] mtry AUC
## INFO [21:52:00.818] 11 1
## INFO [21:52:00.818] 11 configurations evaluated
## INFO [21:52:00.818] Evaluating 1 configurations
## INFO [21:52:00.834] mtry
## INFO [21:52:00.834] 10
## INFO [21:52:00.862] Benchmark with 5 resampling iterations
## INFO [21:52:00.862] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:01.227] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:01.633] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:02.024] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:02.430] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:02.830] Finished benchmark
## INFO [21:52:02.845] Result of batch 12:
## INFO [21:52:02.845] mtry AUC
## INFO [21:52:02.845] 10 1
## INFO [21:52:02.845] 12 configurations evaluated
## INFO [21:52:02.861] Evaluating 1 configurations
## INFO [21:52:02.861] mtry
## INFO [21:52:02.861] 7
## INFO [21:52:02.892] Benchmark with 5 resampling iterations
## INFO [21:52:02.892] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:03.236] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:03.580] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:03.945] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:04.289] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:04.661] Finished benchmark
## INFO [21:52:04.676] Result of batch 13:
## INFO [21:52:04.676] mtry AUC
## INFO [21:52:04.676] 7 1
## INFO [21:52:04.676] 13 configurations evaluated
## INFO [21:52:04.692] Evaluating 1 configurations
## INFO [21:52:04.692] mtry
## INFO [21:52:04.692] 12
## INFO [21:52:04.723] Benchmark with 5 resampling iterations
## INFO [21:52:04.723] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:05.135] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:05.569] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:05.972] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:06.378] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:06.812] Finished benchmark
## INFO [21:52:06.828] Result of batch 14:
## INFO [21:52:06.844] mtry AUC
## INFO [21:52:06.844] 12 1
## INFO [21:52:06.844] 14 configurations evaluated
## INFO [21:52:06.844] Evaluating 1 configurations
## INFO [21:52:06.859] mtry
## INFO [21:52:06.859] 19
## INFO [21:52:06.891] Benchmark with 5 resampling iterations
## INFO [21:52:06.891] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:07.399] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:07.914] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:52:08.410] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:08.926] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:09.442] Finished benchmark
## INFO [21:52:09.442] Result of batch 15:
## INFO [21:52:09.457]   mtry AUC
## INFO [21:52:09.457]   19   1
## INFO [21:52:09.457] 15 configurations evaluated
## INFO [21:52:09.473] Evaluating 1 configurations
## INFO [21:52:09.473]   mtry
## INFO [21:52:09.473]    5
## INFO [21:52:09.520] Benchmark with 5 resampling iterations
## INFO [21:52:09.520] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:09.855] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:10.173] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:10.492] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:10.828] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:11.171] Finished benchmark
## INFO [21:52:11.171] Result of batch 16:
## INFO [21:52:11.187]   mtry AUC
## INFO [21:52:11.187]    5   1
## INFO [21:52:11.187] 16 configurations evaluated
## INFO [21:52:11.187] Evaluating 1 configurations
## INFO [21:52:11.203]   mtry
## INFO [21:52:11.203]   15
## INFO [21:52:11.234] Benchmark with 5 resampling iterations
## INFO [21:52:11.234] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:11.699] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:12.149] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:12.602] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:13.071] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:13.532] Finished benchmark
## INFO [21:52:13.547] Result of batch 17:
## INFO [21:52:13.547]   mtry AUC
## INFO [21:52:13.547]   15   1
## INFO [21:52:13.547] 17 configurations evaluated
## INFO [21:52:13.563] Evaluating 1 configurations
## INFO [21:52:13.563]   mtry
## INFO [21:52:13.563]   14
## INFO [21:52:13.594] Benchmark with 5 resampling iterations
## INFO [21:52:13.594] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:14.044] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:14.473] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:14.921] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:15.348] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:15.801] Finished benchmark
## INFO [21:52:15.816] Result of batch 18:
## INFO [21:52:15.816]   mtry AUC
## INFO [21:52:15.816]   14   1
## INFO [21:52:15.816] 18 configurations evaluated
## INFO [21:52:15.832] Evaluating 1 configurations
## INFO [21:52:15.832]   mtry
## INFO [21:52:15.832]    2
## INFO [21:52:15.863] Benchmark with 5 resampling iterations
## INFO [21:52:15.863] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)

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## INFO [21:52:16.160] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:16.469] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:16.770] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:17.067] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:17.379] Finished benchmark
## INFO [21:52:17.395] Result of batch 19:
## INFO [21:52:17.395]   mtry AUC
## INFO [21:52:17.395]     2   1
## INFO [21:52:17.395] 19 configurations evaluated
## INFO [21:52:17.411] Evaluating 1 configurations
## INFO [21:52:17.411]   mtry
## INFO [21:52:17.411]     8
## INFO [21:52:17.442] Benchmark with 5 resampling iterations
## INFO [21:52:17.442] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:17.801] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:18.157] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:18.516] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:18.888] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:19.272] Finished benchmark
## INFO [21:52:19.288] Result of batch 20:
## INFO [21:52:19.288]   mtry AUC
## INFO [21:52:19.288]     8   1
## INFO [21:52:19.288] 20 configurations evaluated
## INFO [21:52:19.303] Evaluating 1 configurations
## INFO [21:52:19.303]   mtry
## INFO [21:52:19.303]     4
## INFO [21:52:19.335] Benchmark with 5 resampling iterations
## INFO [21:52:19.335] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:19.663] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:19.984] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:20.312] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:20.640] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:20.968] Finished benchmark
## INFO [21:52:20.984] Result of batch 21:
## INFO [21:52:20.984]   mtry AUC
## INFO [21:52:20.984]     4   1
## INFO [21:52:20.984] 21 configurations evaluated
## INFO [21:52:21.009] Finished tuning after 21 evals
## INFO [21:52:21.091] Tuned x: mtry=17
## INFO [21:52:21.091] Tuned y: AUC=1
## INFO [21:52:21.685] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 3/10)
## INFO [21:52:21.731] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:52:21.731] Terminator settings: n_evals=21
## INFO [21:52:21.731] Evaluating 1 configurations
## INFO [21:52:21.731]   mtry
## INFO [21:52:21.731]     1
## INFO [21:52:21.778] Benchmark with 5 resampling iterations
## INFO [21:52:21.778] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:22.044] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:22.325] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:22.591] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:22.853] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:23.166] Finished benchmark
## INFO [21:52:23.181] Result of batch 1:

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## INFO [21:52:23.181] mtry          AUC
## INFO [21:52:23.181]      1 0.9999948
## INFO [21:52:23.181] 1 configurations evaluated
## INFO [21:52:23.197] Evaluating 1 configurations
## INFO [21:52:23.197] mtry
## INFO [21:52:23.197]      14
## INFO [21:52:23.231] Benchmark with 5 resampling iterations
## INFO [21:52:23.231] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:23.665] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:24.091] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:24.541] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:25.016] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:25.469] Finished benchmark
## INFO [21:52:25.484] Result of batch 2:
## INFO [21:52:25.484] mtry AUC
## INFO [21:52:25.484]      14  1
## INFO [21:52:25.500] 2 configurations evaluated
## INFO [21:52:25.500] Evaluating 1 configurations
## INFO [21:52:25.500] mtry
## INFO [21:52:25.500]      3
## INFO [21:52:25.531] Benchmark with 5 resampling iterations
## INFO [21:52:25.547] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:25.849] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:26.174] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:26.490] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:26.830] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:27.143] Finished benchmark
## INFO [21:52:27.158] Result of batch 3:
## INFO [21:52:27.158] mtry AUC
## INFO [21:52:27.158]      3  1
## INFO [21:52:27.158] 3 configurations evaluated
## INFO [21:52:27.174] Evaluating 1 configurations
## INFO [21:52:27.174] mtry
## INFO [21:52:27.174]      10
## INFO [21:52:27.205] Benchmark with 5 resampling iterations
## INFO [21:52:27.205] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:27.586] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:27.973] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:28.352] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:28.724] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:29.134] Finished benchmark
## INFO [21:52:29.149] Result of batch 4:
## INFO [21:52:29.149] mtry AUC
## INFO [21:52:29.149]      10  1
## INFO [21:52:29.149] 4 configurations evaluated
## INFO [21:52:29.165] Evaluating 1 configurations
## INFO [21:52:29.165] mtry
## INFO [21:52:29.165]      17
## INFO [21:52:29.196] Benchmark with 5 resampling iterations
## INFO [21:52:29.196] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:29.665] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:30.140] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:30.633] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:31.110] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:52:31.602] Finished benchmark
## INFO [21:52:31.618] Result of batch 5:
## INFO [21:52:31.618]   mtry AUC
## INFO [21:52:31.618]   17   1
## INFO [21:52:31.618] 5 configurations evaluated
## INFO [21:52:31.633] Evaluating 1 configurations
## INFO [21:52:31.633]   mtry
## INFO [21:52:31.633]   2
## INFO [21:52:31.680] Benchmark with 5 resampling iterations
## INFO [21:52:31.680] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:31.977] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:32.274] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:32.567] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:32.883] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:33.179] Finished benchmark
## INFO [21:52:33.195] Result of batch 6:
## INFO [21:52:33.195]   mtry AUC
## INFO [21:52:33.195]   2   1
## INFO [21:52:33.211] 6 configurations evaluated
## INFO [21:52:33.211] Evaluating 1 configurations
## INFO [21:52:33.226]   mtry
## INFO [21:52:33.226]  20
## INFO [21:52:33.258] Benchmark with 5 resampling iterations
## INFO [21:52:33.258] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:33.770] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:34.313] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:34.826] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:35.358] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:35.890] Finished benchmark
## INFO [21:52:35.897] Result of batch 7:
## INFO [21:52:35.897]   mtry AUC
## INFO [21:52:35.897]  20   1
## INFO [21:52:35.897] 7 configurations evaluated
## INFO [21:52:35.913] Evaluating 1 configurations
## INFO [21:52:35.913]   mtry
## INFO [21:52:35.913]  21
## INFO [21:52:35.944] Benchmark with 5 resampling iterations
## INFO [21:52:35.944] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:36.479] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:37.025] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:37.581] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:38.121] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:38.664] Finished benchmark
## INFO [21:52:38.680] Result of batch 8:
## INFO [21:52:38.696]   mtry AUC
## INFO [21:52:38.696]  21   1
## INFO [21:52:38.696] 8 configurations evaluated
## INFO [21:52:38.696] Evaluating 1 configurations
## INFO [21:52:38.711]   mtry
## INFO [21:52:38.711]   9
## INFO [21:52:38.742] Benchmark with 5 resampling iterations
## INFO [21:52:38.742] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:39.117] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:39.489] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:52:39.888] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:40.261] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:40.629] Finished benchmark
## INFO [21:52:40.645] Result of batch 9:
## INFO [21:52:40.645]   mtry AUC
## INFO [21:52:40.645]     9   1
## INFO [21:52:40.645] 9 configurations evaluated
## INFO [21:52:40.660] Evaluating 1 configurations
## INFO [21:52:40.660]   mtry
## INFO [21:52:40.660]     7
## INFO [21:52:40.692] Benchmark with 5 resampling iterations
## INFO [21:52:40.692] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:41.035] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:41.395] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:41.738] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:42.104] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:42.475] Finished benchmark
## INFO [21:52:42.475] Result of batch 10:
## INFO [21:52:42.491]   mtry AUC
## INFO [21:52:42.491]     7   1
## INFO [21:52:42.491] 10 configurations evaluated
## INFO [21:52:42.491] Evaluating 1 configurations
## INFO [21:52:42.507]   mtry
## INFO [21:52:42.507]    12
## INFO [21:52:42.538] Benchmark with 5 resampling iterations
## INFO [21:52:42.538] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:42.948] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:43.350] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:43.745] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:44.152] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:44.573] Finished benchmark
## INFO [21:52:44.589] Result of batch 11:
## INFO [21:52:44.589]   mtry AUC
## INFO [21:52:44.589]    12   1
## INFO [21:52:44.604] 11 configurations evaluated
## INFO [21:52:44.604] Evaluating 1 configurations
## INFO [21:52:44.604]   mtry
## INFO [21:52:44.604]    15
## INFO [21:52:44.636] Benchmark with 5 resampling iterations
## INFO [21:52:44.651] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:45.092] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:45.542] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:45.995] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:46.429] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:46.910] Finished benchmark
## INFO [21:52:46.926] Result of batch 12:
## INFO [21:52:46.926]   mtry AUC
## INFO [21:52:46.926]    15   1
## INFO [21:52:46.926] 12 configurations evaluated
## INFO [21:52:46.941] Evaluating 1 configurations
## INFO [21:52:46.941]   mtry
## INFO [21:52:46.941]     4
## INFO [21:52:46.973] Benchmark with 5 resampling iterations
## INFO [21:52:46.973] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)

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## INFO [21:52:47.316] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:47.629] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:47.954] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:48.266] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:48.594] Finished benchmark
## INFO [21:52:48.610] Result of batch 13:
## INFO [21:52:48.610] mtry AUC
## INFO [21:52:48.610] 4 1
## INFO [21:52:48.610] 13 configurations evaluated
## INFO [21:52:48.625] Evaluating 1 configurations
## INFO [21:52:48.625] mtry
## INFO [21:52:48.625] 16
## INFO [21:52:48.657] Benchmark with 5 resampling iterations
## INFO [21:52:48.657] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:49.132] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:49.613] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:50.088] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:50.534] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:51.012] Finished benchmark
## INFO [21:52:51.028] Result of batch 14:
## INFO [21:52:51.028] mtry AUC
## INFO [21:52:51.028] 16 1
## INFO [21:52:51.028] 14 configurations evaluated
## INFO [21:52:51.043] Evaluating 1 configurations
## INFO [21:52:51.043] mtry
## INFO [21:52:51.043] 18
## INFO [21:52:51.090] Benchmark with 5 resampling iterations
## INFO [21:52:51.090] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:51.583] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:52.076] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:52.557] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:53.045] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:53.545] Finished benchmark
## INFO [21:52:53.561] Result of batch 15:
## INFO [21:52:53.561] mtry AUC
## INFO [21:52:53.561] 18 1
## INFO [21:52:53.561] 15 configurations evaluated
## INFO [21:52:53.576] Evaluating 1 configurations
## INFO [21:52:53.576] mtry
## INFO [21:52:53.576] 13
## INFO [21:52:53.607] Benchmark with 5 resampling iterations
## INFO [21:52:53.607] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:54.045] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:54.463] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:54.882] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:55.304] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:55.737] Finished benchmark
## INFO [21:52:55.752] Result of batch 16:
## INFO [21:52:55.752] mtry AUC
## INFO [21:52:55.752] 13 1
## INFO [21:52:55.752] 16 configurations evaluated
## INFO [21:52:55.768] Evaluating 1 configurations
## INFO [21:52:55.768] mtry
## INFO [21:52:55.768] 5

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## INFO [21:52:55.799] Benchmark with 5 resampling iterations
## INFO [21:52:55.799] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:56.140] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:56.489] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:56.817] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:57.144] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:57.488] Finished benchmark
## INFO [21:52:57.488] Result of batch 17:
## INFO [21:52:57.503]   mtry AUC
## INFO [21:52:57.503]     5   1
## INFO [21:52:57.503] 17 configurations evaluated
## INFO [21:52:57.519] Evaluating 1 configurations
## INFO [21:52:57.519]   mtry
## INFO [21:52:57.519]     6
## INFO [21:52:57.550] Benchmark with 5 resampling iterations
## INFO [21:52:57.550] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:57.878] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:52:58.245] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:52:58.585] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:52:58.941] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:52:59.291] Finished benchmark
## INFO [21:52:59.307] Result of batch 18:
## INFO [21:52:59.307]   mtry AUC
## INFO [21:52:59.307]     6   1
## INFO [21:52:59.307] 18 configurations evaluated
## INFO [21:52:59.323] Evaluating 1 configurations
## INFO [21:52:59.323]   mtry
## INFO [21:52:59.323]    11
## INFO [21:52:59.354] Benchmark with 5 resampling iterations
## INFO [21:52:59.354] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:52:59.745] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:00.160] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:00.551] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:00.957] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:01.372] Finished benchmark
## INFO [21:53:01.388] Result of batch 19:
## INFO [21:53:01.388]   mtry AUC
## INFO [21:53:01.388]    11   1
## INFO [21:53:01.388] 19 configurations evaluated
## INFO [21:53:01.403] Evaluating 1 configurations
## INFO [21:53:01.403]   mtry
## INFO [21:53:01.403]     8
## INFO [21:53:01.435] Benchmark with 5 resampling iterations
## INFO [21:53:01.435] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:01.793] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:02.168] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:02.539] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:02.880] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:03.255] Finished benchmark
## INFO [21:53:03.270] Result of batch 20:
## INFO [21:53:03.270]   mtry AUC
## INFO [21:53:03.270]     8   1
## INFO [21:53:03.270] 20 configurations evaluated
## INFO [21:53:03.286] Evaluating 1 configurations

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## INFO [21:53:03.286] mtry
## INFO [21:53:03.286] 19
## INFO [21:53:03.330] Benchmark with 5 resampling iterations
## INFO [21:53:03.330] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:03.830] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:04.342] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:04.870] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:05.379] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:05.904] Finished benchmark
## INFO [21:53:05.919] Result of batch 21:
## INFO [21:53:05.919] mtry AUC
## INFO [21:53:05.919] 19 1
## INFO [21:53:05.919] 21 configurations evaluated
## INFO [21:53:05.935] Finished tuning after 21 evals
## INFO [21:53:06.057] Tuned x: mtry=3
## INFO [21:53:06.057] Tuned y: AUC=1
## INFO [21:53:06.444] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 4/10)
## INFO [21:53:06.475] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:53:06.475] Terminator settings: n_evals=21
## INFO [21:53:06.491] Evaluating 1 configurations
## INFO [21:53:06.498] mtry
## INFO [21:53:06.498] 8
## INFO [21:53:06.532] Benchmark with 5 resampling iterations
## INFO [21:53:06.532] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:06.876] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:07.235] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:07.626] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:08.001] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:08.363] Finished benchmark
## INFO [21:53:08.379] Result of batch 1:
## INFO [21:53:08.379] mtry AUC
## INFO [21:53:08.379] 8 1
## INFO [21:53:08.379] 1 configurations evaluated
## INFO [21:53:08.394] Evaluating 1 configurations
## INFO [21:53:08.394] mtry
## INFO [21:53:08.394] 5
## INFO [21:53:08.426] Benchmark with 5 resampling iterations
## INFO [21:53:08.426] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:08.766] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:09.101] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:09.414] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:09.773] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:10.110] Finished benchmark
## INFO [21:53:10.110] Result of batch 2:
## INFO [21:53:10.126] mtry AUC
## INFO [21:53:10.126] 5 1
## INFO [21:53:10.126] 2 configurations evaluated
## INFO [21:53:10.142] Evaluating 1 configurations
## INFO [21:53:10.142] mtry
## INFO [21:53:10.142] 11
## INFO [21:53:10.173] Benchmark with 5 resampling iterations
## INFO [21:53:10.173] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:10.555] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:10.961] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:53:11.344] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:11.766] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:12.187] Finished benchmark
## INFO [21:53:12.203] Result of batch 3:
## INFO [21:53:12.203]   mtry AUC
## INFO [21:53:12.203]   11   1
## INFO [21:53:12.203] 3 configurations evaluated
## INFO [21:53:12.219] Evaluating 1 configurations
## INFO [21:53:12.219]   mtry
## INFO [21:53:12.219]   16
## INFO [21:53:12.250] Benchmark with 5 resampling iterations
## INFO [21:53:12.250] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:12.712] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:13.158] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:13.624] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:14.111] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:14.596] Finished benchmark
## INFO [21:53:14.611] Result of batch 4:
## INFO [21:53:14.611]   mtry AUC
## INFO [21:53:14.611]   16   1
## INFO [21:53:14.611] 4 configurations evaluated
## INFO [21:53:14.627] Evaluating 1 configurations
## INFO [21:53:14.627]   mtry
## INFO [21:53:14.627]   10
## INFO [21:53:14.658] Benchmark with 5 resampling iterations
## INFO [21:53:14.658] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:15.049] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:15.421] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:15.815] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:16.199] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:16.611] Finished benchmark
## INFO [21:53:16.627] Result of batch 5:
## INFO [21:53:16.627]   mtry AUC
## INFO [21:53:16.627]   10   1
## INFO [21:53:16.627] 5 configurations evaluated
## INFO [21:53:16.642] Evaluating 1 configurations
## INFO [21:53:16.642]   mtry
## INFO [21:53:16.642]   20
## INFO [21:53:16.674] Benchmark with 5 resampling iterations
## INFO [21:53:16.674] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:17.205] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:17.729] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:18.237] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:18.771] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:19.315] Finished benchmark
## INFO [21:53:19.315] Result of batch 6:
## INFO [21:53:19.331]   mtry AUC
## INFO [21:53:19.331]   20   1
## INFO [21:53:19.331] 6 configurations evaluated
## INFO [21:53:19.346] Evaluating 1 configurations
## INFO [21:53:19.346]   mtry
## INFO [21:53:19.346]   7
## INFO [21:53:19.377] Benchmark with 5 resampling iterations
## INFO [21:53:19.377] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)

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## INFO [21:53:19.721] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:20.081] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:20.434] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:20.793] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:21.165] Finished benchmark
## INFO [21:53:21.180] Result of batch 7:
## INFO [21:53:21.180]   mtry AUC
## INFO [21:53:21.180]     7   1
## INFO [21:53:21.180] 7 configurations evaluated
## INFO [21:53:21.196] Evaluating 1 configurations
## INFO [21:53:21.196]   mtry
## INFO [21:53:21.196]    19
## INFO [21:53:21.227] Benchmark with 5 resampling iterations
## INFO [21:53:21.227] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:21.739] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:22.239] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:22.736] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:23.243] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:23.755] Finished benchmark
## INFO [21:53:23.771] Result of batch 8:
## INFO [21:53:23.771]   mtry AUC
## INFO [21:53:23.771]    19   1
## INFO [21:53:23.786] 8 configurations evaluated
## INFO [21:53:23.786] Evaluating 1 configurations
## INFO [21:53:23.802]   mtry
## INFO [21:53:23.802]     6
## INFO [21:53:23.833] Benchmark with 5 resampling iterations
## INFO [21:53:23.833] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:24.165] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:24.493] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:24.837] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:25.177] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:25.521] Finished benchmark
## INFO [21:53:25.778] Result of batch 9:
## INFO [21:53:25.794]   mtry AUC
## INFO [21:53:25.794]     6   1
## INFO [21:53:25.794] 9 configurations evaluated
## INFO [21:53:25.809] Evaluating 1 configurations
## INFO [21:53:25.809]   mtry
## INFO [21:53:25.809]    18
## INFO [21:53:25.841] Benchmark with 5 resampling iterations
## INFO [21:53:25.841] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:26.315] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:26.794] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:27.278] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:27.778] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:28.288] Finished benchmark
## INFO [21:53:28.303] Result of batch 10:
## INFO [21:53:28.303]   mtry AUC
## INFO [21:53:28.303]    18   1
## INFO [21:53:28.303] 10 configurations evaluated
## INFO [21:53:28.319] Evaluating 1 configurations
## INFO [21:53:28.319]   mtry
## INFO [21:53:28.319]    13

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## INFO [21:53:28.350] Benchmark with 5 resampling iterations
## INFO [21:53:28.366] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:28.772] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:29.178] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:29.597] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:30.026] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:30.460] Finished benchmark
## INFO [21:53:30.476] Result of batch 11:
## INFO [21:53:30.476]   mtry AUC
## INFO [21:53:30.476]   13   1
## INFO [21:53:30.476] 11 configurations evaluated
## INFO [21:53:30.491] Evaluating 1 configurations
## INFO [21:53:30.491]   mtry
## INFO [21:53:30.491]   14
## INFO [21:53:30.538] Benchmark with 5 resampling iterations
## INFO [21:53:30.538] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:30.978] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:31.424] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:31.848] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:32.294] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:32.729] Finished benchmark
## INFO [21:53:32.744] Result of batch 12:
## INFO [21:53:32.744]   mtry AUC
## INFO [21:53:32.744]   14   1
## INFO [21:53:32.744] 12 configurations evaluated
## INFO [21:53:32.760] Evaluating 1 configurations
## INFO [21:53:32.760]   mtry
## INFO [21:53:32.760]   17
## INFO [21:53:32.791] Benchmark with 5 resampling iterations
## INFO [21:53:32.807] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:33.269] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:33.734] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:34.203] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:34.685] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:35.178] Finished benchmark
## INFO [21:53:35.178] Result of batch 13:
## INFO [21:53:35.194]   mtry AUC
## INFO [21:53:35.194]   17   1
## INFO [21:53:35.194] 13 configurations evaluated
## INFO [21:53:35.209] Evaluating 1 configurations
## INFO [21:53:35.209]   mtry
## INFO [21:53:35.209]   21
## INFO [21:53:35.240] Benchmark with 5 resampling iterations
## INFO [21:53:35.240] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:35.765] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:36.303] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:36.834] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:37.377] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:37.940] Finished benchmark
## INFO [21:53:37.940] Result of batch 14:
## INFO [21:53:37.955]   mtry AUC
## INFO [21:53:37.955]   21   1
## INFO [21:53:37.955] 14 configurations evaluated
## INFO [21:53:37.955] Evaluating 1 configurations

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## INFO [21:53:37.971] mtry
## INFO [21:53:37.971] 4
## INFO [21:53:38.002] Benchmark with 5 resampling iterations
## INFO [21:53:38.002] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:38.315] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:38.627] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:38.955] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:39.274] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:39.596] Finished benchmark
## INFO [21:53:39.611] Result of batch 15:
## INFO [21:53:39.611] mtry AUC
## INFO [21:53:39.611] 4 1
## INFO [21:53:39.611] 15 configurations evaluated
## INFO [21:53:39.627] Evaluating 1 configurations
## INFO [21:53:39.627] mtry
## INFO [21:53:39.627] 1
## INFO [21:53:39.674] Benchmark with 5 resampling iterations
## INFO [21:53:39.674] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:39.965] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:40.236] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:40.517] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:40.783] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:41.064] Finished benchmark
## INFO [21:53:41.080] Result of batch 16:
## INFO [21:53:41.080] mtry AUC
## INFO [21:53:41.080] 1 0.9999906
## INFO [21:53:41.080] 16 configurations evaluated
## INFO [21:53:41.095] Evaluating 1 configurations
## INFO [21:53:41.095] mtry
## INFO [21:53:41.095] 15
## INFO [21:53:41.127] Benchmark with 5 resampling iterations
## INFO [21:53:41.127] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:41.592] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:42.045] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:42.475] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:42.940] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:43.400] Finished benchmark
## INFO [21:53:43.415] Result of batch 17:
## INFO [21:53:43.415] mtry AUC
## INFO [21:53:43.415] 15 1
## INFO [21:53:43.415] 17 configurations evaluated
## INFO [21:53:43.431] Evaluating 1 configurations
## INFO [21:53:43.431] mtry
## INFO [21:53:43.431] 12
## INFO [21:53:43.462] Benchmark with 5 resampling iterations
## INFO [21:53:43.462] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:43.868] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:44.271] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:44.683] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:45.102] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:45.517] Finished benchmark
## INFO [21:53:45.533] Result of batch 18:
## INFO [21:53:45.533] mtry AUC
## INFO [21:53:45.533] 12 1

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## INFO [21:53:45.533] 18 configurations evaluated
## INFO [21:53:45.548] Evaluating 1 configurations
## INFO [21:53:45.548] mtry
## INFO [21:53:45.548] 3
## INFO [21:53:45.580] Benchmark with 5 resampling iterations
## INFO [21:53:45.580] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:45.886] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:46.199] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:46.511] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:46.824] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:47.136] Finished benchmark
## INFO [21:53:47.152] Result of batch 19:
## INFO [21:53:47.152] mtry AUC
## INFO [21:53:47.152] 3 1
## INFO [21:53:47.168] 19 configurations evaluated
## INFO [21:53:47.168] Evaluating 1 configurations
## INFO [21:53:47.168] mtry
## INFO [21:53:47.168] 9
## INFO [21:53:47.206] Benchmark with 5 resampling iterations
## INFO [21:53:47.206] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:47.578] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:47.965] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:48.330] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:48.690] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:49.077] Finished benchmark
## INFO [21:53:49.093] Result of batch 20:
## INFO [21:53:49.093] mtry AUC
## INFO [21:53:49.093] 9 1
## INFO [21:53:49.093] 20 configurations evaluated
## INFO [21:53:49.108] Evaluating 1 configurations
## INFO [21:53:49.108] mtry
## INFO [21:53:49.108] 2
## INFO [21:53:49.140] Benchmark with 5 resampling iterations
## INFO [21:53:49.140] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:49.449] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:49.746] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:50.055] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:50.367] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:50.692] Finished benchmark
## INFO [21:53:50.708] Result of batch 21:
## INFO [21:53:50.708] mtry AUC
## INFO [21:53:50.708] 2 1
## INFO [21:53:50.708] 21 configurations evaluated
## INFO [21:53:50.723] Finished tuning after 21 evals
## INFO [21:53:50.801] Tuned x: mtry=19
## INFO [21:53:50.817] Tuned y: AUC=1
## INFO [21:53:51.442] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 5/10)
## INFO [21:53:51.489] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:53:51.489] Terminator settings: n_evals=21
## INFO [21:53:51.489] Evaluating 1 configurations
## INFO [21:53:51.489] mtry
## INFO [21:53:51.489] 7
## INFO [21:53:51.536] Benchmark with 5 resampling iterations
## INFO [21:53:51.536] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)

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## INFO [21:53:51.876] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:52.220] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:52.579] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:52.914] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:53.285] Finished benchmark
## INFO [21:53:53.301] Result of batch 1:
## INFO [21:53:53.301]   mtry AUC
## INFO [21:53:53.301]     7   1
## INFO [21:53:53.301] 1 configurations evaluated
## INFO [21:53:53.316] Evaluating 1 configurations
## INFO [21:53:53.316]   mtry
## INFO [21:53:53.316]     4
## INFO [21:53:53.347] Benchmark with 5 resampling iterations
## INFO [21:53:53.347] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:53.672] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:53.988] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:54.310] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:54.623] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:54.948] Finished benchmark
## INFO [21:53:54.963] Result of batch 2:
## INFO [21:53:54.963]   mtry AUC
## INFO [21:53:54.963]     4   1
## INFO [21:53:54.979] 2 configurations evaluated
## INFO [21:53:54.979] Evaluating 1 configurations
## INFO [21:53:54.995]   mtry
## INFO [21:53:54.995]     1
## INFO [21:53:55.026] Benchmark with 5 resampling iterations
## INFO [21:53:55.026] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:55.295] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:55.576] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:55.857] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:56.138] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:56.420] Finished benchmark
## INFO [21:53:56.435] Result of batch 3:
## INFO [21:53:56.435]   mtry      AUC
## INFO [21:53:56.435]     1 0.9999888
## INFO [21:53:56.435] 3 configurations evaluated
## INFO [21:53:56.451] Evaluating 1 configurations
## INFO [21:53:56.451]   mtry
## INFO [21:53:56.451]    12
## INFO [21:53:56.482] Benchmark with 5 resampling iterations
## INFO [21:53:56.482] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:56.900] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:57.303] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:57.725] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:53:58.128] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:53:58.553] Finished benchmark
## INFO [21:53:58.569] Result of batch 4:
## INFO [21:53:58.569]   mtry AUC
## INFO [21:53:58.569]    12   1
## INFO [21:53:58.569] 4 configurations evaluated
## INFO [21:53:58.584] Evaluating 1 configurations
## INFO [21:53:58.584]   mtry
## INFO [21:53:58.584]    10

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## INFO [21:53:58.616] Benchmark with 5 resampling iterations
## INFO [21:53:58.616] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:53:59.003] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:53:59.381] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:53:59.768] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:00.151] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:00.560] Finished benchmark
## INFO [21:54:00.560] Result of batch 5:
## INFO [21:54:00.576]   mtry AUC
## INFO [21:54:00.576]   10   1
## INFO [21:54:00.576] 5 configurations evaluated
## INFO [21:54:00.591] Evaluating 1 configurations
## INFO [21:54:00.591]   mtry
## INFO [21:54:00.591]   18
## INFO [21:54:00.622] Benchmark with 5 resampling iterations
## INFO [21:54:00.622] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:01.110] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:01.606] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:02.111] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:02.595] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:03.079] Finished benchmark
## INFO [21:54:03.095] Result of batch 6:
## INFO [21:54:03.095]   mtry AUC
## INFO [21:54:03.095]   18   1
## INFO [21:54:03.111] 6 configurations evaluated
## INFO [21:54:03.111] Evaluating 1 configurations
## INFO [21:54:03.111]   mtry
## INFO [21:54:03.111]   11
## INFO [21:54:03.142] Benchmark with 5 resampling iterations
## INFO [21:54:03.157] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:03.532] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:03.935] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:04.326] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:04.723] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:05.125] Finished benchmark
## INFO [21:54:05.141] Result of batch 7:
## INFO [21:54:05.141]   mtry AUC
## INFO [21:54:05.141]   11   1
## INFO [21:54:05.141] 7 configurations evaluated
## INFO [21:54:05.156] Evaluating 1 configurations
## INFO [21:54:05.156]   mtry
## INFO [21:54:05.156]   5
## INFO [21:54:05.188] Benchmark with 5 resampling iterations
## INFO [21:54:05.188] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:05.520] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:05.829] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:06.160] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:06.504] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:06.832] Finished benchmark
## INFO [21:54:06.848] Result of batch 8:
## INFO [21:54:06.864]   mtry AUC
## INFO [21:54:06.864]   5   1
## INFO [21:54:06.864] 8 configurations evaluated
## INFO [21:54:06.864] Evaluating 1 configurations

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## INFO [21:54:06.879] mtry
## INFO [21:54:06.879] 9
## INFO [21:54:06.910] Benchmark with 5 resampling iterations
## INFO [21:54:06.910] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:07.285] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:07.657] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:08.035] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:08.411] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:08.786] Finished benchmark
## INFO [21:54:08.802] Result of batch 9:
## INFO [21:54:08.802] mtry AUC
## INFO [21:54:08.802] 9 1
## INFO [21:54:08.802] 9 configurations evaluated
## INFO [21:54:08.817] Evaluating 1 configurations
## INFO [21:54:08.817] mtry
## INFO [21:54:08.817] 3
## INFO [21:54:08.848] Benchmark with 5 resampling iterations
## INFO [21:54:08.848] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:09.161] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:09.473] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:09.802] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:10.092] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:10.411] Finished benchmark
## INFO [21:54:10.426] Result of batch 10:
## INFO [21:54:10.426] mtry AUC
## INFO [21:54:10.426] 3 1
## INFO [21:54:10.426] 10 configurations evaluated
## INFO [21:54:10.442] Evaluating 1 configurations
## INFO [21:54:10.442] mtry
## INFO [21:54:10.442] 20
## INFO [21:54:10.473] Benchmark with 5 resampling iterations
## INFO [21:54:10.473] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:10.989] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:11.520] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:12.042] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:12.566] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:13.088] Finished benchmark
## INFO [21:54:13.104] Result of batch 11:
## INFO [21:54:13.104] mtry AUC
## INFO [21:54:13.104] 20 1
## INFO [21:54:13.104] 11 configurations evaluated
## INFO [21:54:13.120] Evaluating 1 configurations
## INFO [21:54:13.120] mtry
## INFO [21:54:13.120] 14
## INFO [21:54:13.153] Benchmark with 5 resampling iterations
## INFO [21:54:13.153] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:13.589] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:14.026] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:14.470] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:14.908] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:15.392] Finished benchmark
## INFO [21:54:15.408] Result of batch 12:
## INFO [21:54:15.408] mtry AUC
## INFO [21:54:15.408] 14 1

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## INFO [21:54:15.408] 12 configurations evaluated
## INFO [21:54:15.423] Evaluating 1 configurations
## INFO [21:54:15.423] mtry
## INFO [21:54:15.423] 13
## INFO [21:54:15.455] Benchmark with 5 resampling iterations
## INFO [21:54:15.455] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:15.892] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:16.298] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:16.726] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:17.145] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:17.570] Finished benchmark
## INFO [21:54:17.586] Result of batch 13:
## INFO [21:54:17.586] mtry AUC
## INFO [21:54:17.586] 13 1
## INFO [21:54:17.586] 13 configurations evaluated
## INFO [21:54:17.602] Evaluating 1 configurations
## INFO [21:54:17.602] mtry
## INFO [21:54:17.602] 16
## INFO [21:54:17.633] Benchmark with 5 resampling iterations
## INFO [21:54:17.633] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:18.087] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:18.564] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:19.026] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:19.488] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:19.971] Finished benchmark
## INFO [21:54:19.986] Result of batch 14:
## INFO [21:54:19.986] mtry AUC
## INFO [21:54:19.986] 16 1
## INFO [21:54:19.986] 14 configurations evaluated
## INFO [21:54:20.002] Evaluating 1 configurations
## INFO [21:54:20.002] mtry
## INFO [21:54:20.002] 17
## INFO [21:54:20.033] Benchmark with 5 resampling iterations
## INFO [21:54:20.033] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:20.508] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:20.995] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:21.479] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:21.964] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:22.444] Finished benchmark
## INFO [21:54:22.460] Result of batch 15:
## INFO [21:54:22.460] mtry AUC
## INFO [21:54:22.460] 17 1
## INFO [21:54:22.460] 15 configurations evaluated
## INFO [21:54:22.476] Evaluating 1 configurations
## INFO [21:54:22.476] mtry
## INFO [21:54:22.476] 15
## INFO [21:54:22.507] Benchmark with 5 resampling iterations
## INFO [21:54:22.507] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:22.944] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:23.394] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:23.863] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:24.328] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:24.793] Finished benchmark
## INFO [21:54:24.808] Result of batch 16:

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## INFO [21:54:24.808] mtry AUC
## INFO [21:54:24.808] 15 1
## INFO [21:54:24.808] 16 configurations evaluated
## INFO [21:54:24.824] Evaluating 1 configurations
## INFO [21:54:24.824] mtry
## INFO [21:54:24.824] 19
## INFO [21:54:24.855] Benchmark with 5 resampling iterations
## INFO [21:54:24.855] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:25.352] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:25.864] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:26.371] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:26.886] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:27.398] Finished benchmark
## INFO [21:54:27.414] Result of batch 17:
## INFO [21:54:27.414] mtry AUC
## INFO [21:54:27.414] 19 1
## INFO [21:54:27.414] 17 configurations evaluated
## INFO [21:54:27.430] Evaluating 1 configurations
## INFO [21:54:27.430] mtry
## INFO [21:54:27.430] 6
## INFO [21:54:27.461] Benchmark with 5 resampling iterations
## INFO [21:54:27.461] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:27.820] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:28.145] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:28.489] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:28.813] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:29.173] Finished benchmark
## INFO [21:54:29.188] Result of batch 18:
## INFO [21:54:29.188] mtry AUC
## INFO [21:54:29.188] 6 1
## INFO [21:54:29.188] 18 configurations evaluated
## INFO [21:54:29.204] Evaluating 1 configurations
## INFO [21:54:29.204] mtry
## INFO [21:54:29.204] 8
## INFO [21:54:29.235] Benchmark with 5 resampling iterations
## INFO [21:54:29.235] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:29.590] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:29.949] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:30.309] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:30.706] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:31.077] Finished benchmark
## INFO [21:54:31.093] Result of batch 19:
## INFO [21:54:31.093] mtry AUC
## INFO [21:54:31.093] 8 1
## INFO [21:54:31.093] 19 configurations evaluated
## INFO [21:54:31.108] Evaluating 1 configurations
## INFO [21:54:31.108] mtry
## INFO [21:54:31.108] 21
## INFO [21:54:31.139] Benchmark with 5 resampling iterations
## INFO [21:54:31.139] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:31.688] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:32.249] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:32.773] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:33.320] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:54:33.862] Finished benchmark
## INFO [21:54:33.878] Result of batch 20:
## INFO [21:54:33.878]   mtry AUC
## INFO [21:54:33.878]     21   1
## INFO [21:54:33.894] 20 configurations evaluated
## INFO [21:54:33.894] Evaluating 1 configurations
## INFO [21:54:33.894]   mtry
## INFO [21:54:33.894]     2
## INFO [21:54:33.925] Benchmark with 5 resampling iterations
## INFO [21:54:33.941] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:34.250] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:34.550] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:34.847] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:35.143] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:35.452] Finished benchmark
## INFO [21:54:35.468] Result of batch 21:
## INFO [21:54:35.468]   mtry AUC
## INFO [21:54:35.468]     2   1
## INFO [21:54:35.468] 21 configurations evaluated
## INFO [21:54:35.484] Finished tuning after 21 evals
## INFO [21:54:35.574] Tuned x: mtry=3
## INFO [21:54:35.574] Tuned y: AUC=1
## INFO [21:54:35.965] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 6/10)
## INFO [21:54:36.009] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:54:36.011] Terminator settings: n_evals=21
## INFO [21:54:36.016] Evaluating 1 configurations
## INFO [21:54:36.018]   mtry
## INFO [21:54:36.018]     21
## INFO [21:54:36.049] Benchmark with 5 resampling iterations
## INFO [21:54:36.065] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:36.596] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:37.155] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:37.724] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:38.252] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:38.803] Finished benchmark
## INFO [21:54:38.819] Result of batch 1:
## INFO [21:54:38.819]   mtry AUC
## INFO [21:54:38.819]     21   1
## INFO [21:54:38.819] 1 configurations evaluated
## INFO [21:54:38.834] Evaluating 1 configurations
## INFO [21:54:38.834]   mtry
## INFO [21:54:38.834]     13
## INFO [21:54:38.865] Benchmark with 5 resampling iterations
## INFO [21:54:38.865] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:39.287] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:39.709] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:40.169] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:40.631] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:41.076] Finished benchmark
## INFO [21:54:41.092] Result of batch 2:
## INFO [21:54:41.092]   mtry AUC
## INFO [21:54:41.092]     13   1
## INFO [21:54:41.092] 2 configurations evaluated
## INFO [21:54:41.107] Evaluating 1 configurations

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## INFO [21:54:41.107] mtry
## INFO [21:54:41.107] 16
## INFO [21:54:41.138] Benchmark with 5 resampling iterations
## INFO [21:54:41.138] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:41.600] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:42.077] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:42.530] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:42.995] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:43.476] Finished benchmark
## INFO [21:54:43.476] Result of batch 3:
## INFO [21:54:43.492] mtry AUC
## INFO [21:54:43.492] 16 1
## INFO [21:54:43.492] 3 configurations evaluated
## INFO [21:54:43.492] Evaluating 1 configurations
## INFO [21:54:43.508] mtry
## INFO [21:54:43.508] 11
## INFO [21:54:43.539] Benchmark with 5 resampling iterations
## INFO [21:54:43.539] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:43.969] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:44.360] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:44.747] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:45.158] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:45.565] Finished benchmark
## INFO [21:54:45.580] Result of batch 4:
## INFO [21:54:45.580] mtry AUC
## INFO [21:54:45.580] 11 1
## INFO [21:54:45.580] 4 configurations evaluated
## INFO [21:54:45.596] Evaluating 1 configurations
## INFO [21:54:45.596] mtry
## INFO [21:54:45.596] 4
## INFO [21:54:45.627] Benchmark with 5 resampling iterations
## INFO [21:54:45.627] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:45.940] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:46.280] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:46.589] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:46.923] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:47.263] Finished benchmark
## INFO [21:54:47.279] Result of batch 5:
## INFO [21:54:47.279] mtry AUC
## INFO [21:54:47.279] 4 1
## INFO [21:54:47.279] 5 configurations evaluated
## INFO [21:54:47.295] Evaluating 1 configurations
## INFO [21:54:47.295] mtry
## INFO [21:54:47.295] 18
## INFO [21:54:47.326] Benchmark with 5 resampling iterations
## INFO [21:54:47.326] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:47.814] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:48.315] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:48.815] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:49.294] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:49.803] Finished benchmark
## INFO [21:54:49.819] Result of batch 6:
## INFO [21:54:49.819] mtry AUC
## INFO [21:54:49.819] 18 1

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## INFO [21:54:49.819] 6 configurations evaluated
## INFO [21:54:49.834] Evaluating 1 configurations
## INFO [21:54:49.834] mtry
## INFO [21:54:49.834] 15
## INFO [21:54:49.865] Benchmark with 5 resampling iterations
## INFO [21:54:49.865] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:50.309] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:50.793] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:51.243] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:51.677] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:52.142] Finished benchmark
## INFO [21:54:52.158] Result of batch 7:
## INFO [21:54:52.158] mtry AUC
## INFO [21:54:52.158] 15 1
## INFO [21:54:52.158] 7 configurations evaluated
## INFO [21:54:52.174] Evaluating 1 configurations
## INFO [21:54:52.174] mtry
## INFO [21:54:52.174] 3
## INFO [21:54:52.205] Benchmark with 5 resampling iterations
## INFO [21:54:52.205] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:52.517] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:52.820] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:53.133] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:53.442] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:53.758] Finished benchmark
## INFO [21:54:53.774] Result of batch 8:
## INFO [21:54:53.774] mtry AUC
## INFO [21:54:53.774] 3 1
## INFO [21:54:53.774] 8 configurations evaluated
## INFO [21:54:53.789] Evaluating 1 configurations
## INFO [21:54:53.789] mtry
## INFO [21:54:53.789] 1
## INFO [21:54:53.821] Benchmark with 5 resampling iterations
## INFO [21:54:53.821] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:54.102] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:54.368] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:54.649] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:54.914] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:55.192] Finished benchmark
## INFO [21:54:55.207] Result of batch 9:
## INFO [21:54:55.207] mtry AUC
## INFO [21:54:55.207] 1 0.9999659
## INFO [21:54:55.207] 9 configurations evaluated
## INFO [21:54:55.223] Evaluating 1 configurations
## INFO [21:54:55.223] mtry
## INFO [21:54:55.223] 9
## INFO [21:54:55.254] Benchmark with 5 resampling iterations
## INFO [21:54:55.254] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:55.629] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:56.001] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:56.370] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:56.723] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:57.110] Finished benchmark
## INFO [21:54:57.137] Result of batch 10:

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## INFO [21:54:57.140] mtry AUC
## INFO [21:54:57.140] 9 1
## INFO [21:54:57.142] 10 configurations evaluated
## INFO [21:54:57.152] Evaluating 1 configurations
## INFO [21:54:57.152] mtry
## INFO [21:54:57.152] 17
## INFO [21:54:57.183] Benchmark with 5 resampling iterations
## INFO [21:54:57.183] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:54:57.667] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:54:58.167] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:54:58.664] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:54:59.129] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:54:59.610] Finished benchmark
## INFO [21:54:59.626] Result of batch 11:
## INFO [21:54:59.626] mtry AUC
## INFO [21:54:59.626] 17 1
## INFO [21:54:59.626] 11 configurations evaluated
## INFO [21:54:59.642] Evaluating 1 configurations
## INFO [21:54:59.642] mtry
## INFO [21:54:59.642] 6
## INFO [21:54:59.673] Benchmark with 5 resampling iterations
## INFO [21:54:59.673] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:00.032] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:00.372] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:00.716] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:01.060] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:01.416] Finished benchmark
## INFO [21:55:01.416] Result of batch 12:
## INFO [21:55:01.432] mtry AUC
## INFO [21:55:01.432] 6 1
## INFO [21:55:01.432] 12 configurations evaluated
## INFO [21:55:01.432] Evaluating 1 configurations
## INFO [21:55:01.447] mtry
## INFO [21:55:01.447] 14
## INFO [21:55:01.478] Benchmark with 5 resampling iterations
## INFO [21:55:01.478] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:01.913] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:02.350] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:02.788] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:03.218] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:03.683] Finished benchmark
## INFO [21:55:03.693] Result of batch 13:
## INFO [21:55:03.693] mtry AUC
## INFO [21:55:03.693] 14 1
## INFO [21:55:03.693] 13 configurations evaluated
## INFO [21:55:03.709] Evaluating 1 configurations
## INFO [21:55:03.709] mtry
## INFO [21:55:03.709] 12
## INFO [21:55:03.740] Benchmark with 5 resampling iterations
## INFO [21:55:03.740] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:04.146] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:04.580] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:04.985] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:05.376] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:55:05.841] Finished benchmark
## INFO [21:55:05.857] Result of batch 14:
## INFO [21:55:05.857]   mtry AUC
## INFO [21:55:05.857]     12   1
## INFO [21:55:05.857] 14 configurations evaluated
## INFO [21:55:05.873] Evaluating 1 configurations
## INFO [21:55:05.873]   mtry
## INFO [21:55:05.873]     19
## INFO [21:55:05.904] Benchmark with 5 resampling iterations
## INFO [21:55:05.904] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:06.416] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:06.928] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:07.424] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:07.920] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:08.420] Finished benchmark
## INFO [21:55:08.436] Result of batch 15:
## INFO [21:55:08.436]   mtry AUC
## INFO [21:55:08.436]     19   1
## INFO [21:55:08.451] 15 configurations evaluated
## INFO [21:55:08.451] Evaluating 1 configurations
## INFO [21:55:08.451]   mtry
## INFO [21:55:08.451]     20
## INFO [21:55:08.498] Benchmark with 5 resampling iterations
## INFO [21:55:08.498] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:09.026] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:09.542] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:10.066] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:10.612] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:11.136] Finished benchmark
## INFO [21:55:11.152] Result of batch 16:
## INFO [21:55:11.152]   mtry AUC
## INFO [21:55:11.152]     20   1
## INFO [21:55:11.152] 16 configurations evaluated
## INFO [21:55:11.168] Evaluating 1 configurations
## INFO [21:55:11.168]   mtry
## INFO [21:55:11.168]      5
## INFO [21:55:11.199] Benchmark with 5 resampling iterations
## INFO [21:55:11.199] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:11.533] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:11.862] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:12.186] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:12.514] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:12.858] Finished benchmark
## INFO [21:55:12.858] Result of batch 17:
## INFO [21:55:12.874]   mtry AUC
## INFO [21:55:12.874]      5   1
## INFO [21:55:12.874] 17 configurations evaluated
## INFO [21:55:12.889] Evaluating 1 configurations
## INFO [21:55:12.889]   mtry
## INFO [21:55:12.889]      7
## INFO [21:55:12.921] Benchmark with 5 resampling iterations
## INFO [21:55:12.921] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:13.280] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:13.620] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:55:13.964] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:14.308] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:14.667] Finished benchmark
## INFO [21:55:14.683] Result of batch 18:
## INFO [21:55:14.683]   mtry AUC
## INFO [21:55:14.683]     7   1
## INFO [21:55:14.683] 18 configurations evaluated
## INFO [21:55:14.698] Evaluating 1 configurations
## INFO [21:55:14.698]   mtry
## INFO [21:55:14.698]    10
## INFO [21:55:14.730] Benchmark with 5 resampling iterations
## INFO [21:55:14.745] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:15.133] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:15.519] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:15.901] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:16.292] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:16.679] Finished benchmark
## INFO [21:55:16.694] Result of batch 19:
## INFO [21:55:16.694]   mtry AUC
## INFO [21:55:16.694]    10   1
## INFO [21:55:16.694] 19 configurations evaluated
## INFO [21:55:16.710] Evaluating 1 configurations
## INFO [21:55:16.710]   mtry
## INFO [21:55:16.710]     2
## INFO [21:55:16.741] Benchmark with 5 resampling iterations
## INFO [21:55:16.741] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:17.054] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:17.351] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:17.648] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:17.955] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:18.267] Finished benchmark
## INFO [21:55:18.295] Result of batch 20:
## INFO [21:55:18.295]   mtry AUC
## INFO [21:55:18.295]     2   1
## INFO [21:55:18.295] 20 configurations evaluated
## INFO [21:55:18.311] Evaluating 1 configurations
## INFO [21:55:18.311]   mtry
## INFO [21:55:18.311]     8
## INFO [21:55:18.342] Benchmark with 5 resampling iterations
## INFO [21:55:18.342] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:18.701] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:19.060] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:19.423] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:19.782] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:20.154] Finished benchmark
## INFO [21:55:20.169] Result of batch 21:
## INFO [21:55:20.169]   mtry AUC
## INFO [21:55:20.169]     8   1
## INFO [21:55:20.169] 21 configurations evaluated
## INFO [21:55:20.185] Finished tuning after 21 evals
## INFO [21:55:20.279] Tuned x: mtry=16
## INFO [21:55:20.279] Tuned y: AUC=1
## INFO [21:55:20.857] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 7/10)
## INFO [21:55:20.904] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'

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## INFO [21:55:20.904] Terminator settings: n_evals=21
## INFO [21:55:20.919] Evaluating 1 configurations
## INFO [21:55:20.919] mtry
## INFO [21:55:20.919] 16
## INFO [21:55:20.951] Benchmark with 5 resampling iterations
## INFO [21:55:20.951] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:21.426] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:21.876] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:22.348] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:22.812] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:23.291] Finished benchmark
## INFO [21:55:23.314] Result of batch 1:
## INFO [21:55:23.317] mtry AUC
## INFO [21:55:23.317] 16 1
## INFO [21:55:23.318] 1 configurations evaluated
## INFO [21:55:23.318] Evaluating 1 configurations
## INFO [21:55:23.334] mtry
## INFO [21:55:23.334] 5
## INFO [21:55:23.365] Benchmark with 5 resampling iterations
## INFO [21:55:23.365] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:23.690] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:24.028] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:24.356] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:24.684] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:25.022] Finished benchmark
## INFO [21:55:25.038] Result of batch 2:
## INFO [21:55:25.038] mtry AUC
## INFO [21:55:25.038] 5 1
## INFO [21:55:25.038] 2 configurations evaluated
## INFO [21:55:25.053] Evaluating 1 configurations
## INFO [21:55:25.053] mtry
## INFO [21:55:25.053] 12
## INFO [21:55:25.085] Benchmark with 5 resampling iterations
## INFO [21:55:25.085] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:25.493] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:25.899] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:26.305] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:26.696] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:27.114] Finished benchmark
## INFO [21:55:27.130] Result of batch 3:
## INFO [21:55:27.146] mtry AUC
## INFO [21:55:27.146] 12 1
## INFO [21:55:27.146] 3 configurations evaluated
## INFO [21:55:27.146] Evaluating 1 configurations
## INFO [21:55:27.161] mtry
## INFO [21:55:27.161] 7
## INFO [21:55:27.193] Benchmark with 5 resampling iterations
## INFO [21:55:27.193] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:27.539] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:27.883] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:28.242] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:28.582] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:28.942] Finished benchmark
## INFO [21:55:28.957] Result of batch 4:

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## INFO [21:55:28.957] mtry AUC
## INFO [21:55:28.957] 7 1
## INFO [21:55:28.957] 4 configurations evaluated
## INFO [21:55:28.973] Evaluating 1 configurations
## INFO [21:55:28.973] mtry
## INFO [21:55:28.973] 6
## INFO [21:55:29.004] Benchmark with 5 resampling iterations
## INFO [21:55:29.004] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:29.345] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:29.676] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:30.044] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:30.388] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:30.763] Finished benchmark
## INFO [21:55:30.763] Result of batch 5:
## INFO [21:55:30.779] mtry AUC
## INFO [21:55:30.779] 6 1
## INFO [21:55:30.779] 5 configurations evaluated
## INFO [21:55:30.779] Evaluating 1 configurations
## INFO [21:55:30.794] mtry
## INFO [21:55:30.794] 14
## INFO [21:55:30.826] Benchmark with 5 resampling iterations
## INFO [21:55:30.826] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:31.260] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:31.691] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:32.123] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:32.561] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:32.999] Finished benchmark
## INFO [21:55:33.015] Result of batch 6:
## INFO [21:55:33.031] mtry AUC
## INFO [21:55:33.031] 14 1
## INFO [21:55:33.033] 6 configurations evaluated
## INFO [21:55:33.043] Evaluating 1 configurations
## INFO [21:55:33.043] mtry
## INFO [21:55:33.043] 18
## INFO [21:55:33.074] Benchmark with 5 resampling iterations
## INFO [21:55:33.074] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:33.567] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:34.060] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:34.544] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:35.035] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:35.521] Finished benchmark
## INFO [21:55:35.536] Result of batch 7:
## INFO [21:55:35.536] mtry AUC
## INFO [21:55:35.536] 18 1
## INFO [21:55:35.536] 7 configurations evaluated
## INFO [21:55:35.552] Evaluating 1 configurations
## INFO [21:55:35.552] mtry
## INFO [21:55:35.552] 17
## INFO [21:55:35.583] Benchmark with 5 resampling iterations
## INFO [21:55:35.583] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:36.064] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:36.551] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:37.036] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:37.498] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:55:37.998] Finished benchmark
## INFO [21:55:38.013] Result of batch 8:
## INFO [21:55:38.013] mtry AUC
## INFO [21:55:38.013] 17 1
## INFO [21:55:38.013] 8 configurations evaluated
## INFO [21:55:38.032] Evaluating 1 configurations
## INFO [21:55:38.034] mtry
## INFO [21:55:38.034] 20
## INFO [21:55:38.057] Benchmark with 5 resampling iterations
## INFO [21:55:38.057] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:38.581] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:39.113] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:39.653] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:40.192] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:40.720] Finished benchmark
## INFO [21:55:40.736] Result of batch 9:
## INFO [21:55:40.736] mtry AUC
## INFO [21:55:40.736] 20 1
## INFO [21:55:40.736] 9 configurations evaluated
## INFO [21:55:40.761] Evaluating 1 configurations
## INFO [21:55:40.763] mtry
## INFO [21:55:40.763] 8
## INFO [21:55:40.796] Benchmark with 5 resampling iterations
## INFO [21:55:40.796] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:41.157] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:41.513] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:41.876] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:42.251] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:42.626] Finished benchmark
## INFO [21:55:42.642] Result of batch 10:
## INFO [21:55:42.642] mtry AUC
## INFO [21:55:42.642] 8 1
## INFO [21:55:42.642] 10 configurations evaluated
## INFO [21:55:42.657] Evaluating 1 configurations
## INFO [21:55:42.657] mtry
## INFO [21:55:42.657] 10
## INFO [21:55:42.689] Benchmark with 5 resampling iterations
## INFO [21:55:42.689] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:43.064] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:43.467] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:43.842] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:44.248] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:44.634] Finished benchmark
## INFO [21:55:44.650] Result of batch 11:
## INFO [21:55:44.650] mtry AUC
## INFO [21:55:44.650] 10 1
## INFO [21:55:44.650] 11 configurations evaluated
## INFO [21:55:44.678] Evaluating 1 configurations
## INFO [21:55:44.678] mtry
## INFO [21:55:44.678] 9
## INFO [21:55:44.724] Benchmark with 5 resampling iterations
## INFO [21:55:44.724] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:45.099] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:45.477] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:55:45.837] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:46.212] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:46.599] Finished benchmark
## INFO [21:55:46.615] Result of batch 12:
## INFO [21:55:46.615]   mtry AUC
## INFO [21:55:46.615]     9  1
## INFO [21:55:46.630] 12 configurations evaluated
## INFO [21:55:46.630] Evaluating 1 configurations
## INFO [21:55:46.646]   mtry
## INFO [21:55:46.646]     1
## INFO [21:55:46.677] Benchmark with 5 resampling iterations
## INFO [21:55:46.677] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:46.943] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:47.224] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:47.505] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:47.786] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:48.058] Finished benchmark
## INFO [21:55:48.074] Result of batch 13:
## INFO [21:55:48.074]   mtry   AUC
## INFO [21:55:48.074]     1 0.9999955
## INFO [21:55:48.074] 13 configurations evaluated
## INFO [21:55:48.089] Evaluating 1 configurations
## INFO [21:55:48.089]   mtry
## INFO [21:55:48.089]     4
## INFO [21:55:48.121] Benchmark with 5 resampling iterations
## INFO [21:55:48.121] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:48.445] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:48.758] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:49.089] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:49.415] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:49.762] Finished benchmark
## INFO [21:55:49.778] Result of batch 14:
## INFO [21:55:49.778]   mtry AUC
## INFO [21:55:49.778]     4  1
## INFO [21:55:49.778] 14 configurations evaluated
## INFO [21:55:49.793] Evaluating 1 configurations
## INFO [21:55:49.793]   mtry
## INFO [21:55:49.793]     2
## INFO [21:55:49.824] Benchmark with 5 resampling iterations
## INFO [21:55:49.824] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:50.131] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:50.449] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:50.746] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:51.058] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:51.371] Finished benchmark
## INFO [21:55:51.386] Result of batch 15:
## INFO [21:55:51.386]   mtry AUC
## INFO [21:55:51.386]     2  1
## INFO [21:55:51.386] 15 configurations evaluated
## INFO [21:55:51.402] Evaluating 1 configurations
## INFO [21:55:51.402]   mtry
## INFO [21:55:51.402]    11
## INFO [21:55:51.433] Benchmark with 5 resampling iterations
## INFO [21:55:51.433] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)

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## INFO [21:55:51.839] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:52.242] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:52.636] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:53.026] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:53.429] Finished benchmark
## INFO [21:55:53.445] Result of batch 16:
## INFO [21:55:53.445]   mtry AUC
## INFO [21:55:53.445]   11   1
## INFO [21:55:53.445] 16 configurations evaluated
## INFO [21:55:53.460] Evaluating 1 configurations
## INFO [21:55:53.460]   mtry
## INFO [21:55:53.460]   13
## INFO [21:55:53.492] Benchmark with 5 resampling iterations
## INFO [21:55:53.492] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:53.913] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:54.357] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:54.776] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:55.199] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:55.623] Finished benchmark
## INFO [21:55:55.639] Result of batch 17:
## INFO [21:55:55.654]   mtry AUC
## INFO [21:55:55.654]   13   1
## INFO [21:55:55.654] 17 configurations evaluated
## INFO [21:55:55.654] Evaluating 1 configurations
## INFO [21:55:55.670]   mtry
## INFO [21:55:55.670]   19
## INFO [21:55:55.701] Benchmark with 5 resampling iterations
## INFO [21:55:55.701] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:56.217] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:56.712] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:55:57.240] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:55:57.743] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:55:58.259] Finished benchmark
## INFO [21:55:58.274] Result of batch 18:
## INFO [21:55:58.274]   mtry AUC
## INFO [21:55:58.274]   19   1
## INFO [21:55:58.274] 18 configurations evaluated
## INFO [21:55:58.290] Evaluating 1 configurations
## INFO [21:55:58.290]   mtry
## INFO [21:55:58.290]   21
## INFO [21:55:58.321] Benchmark with 5 resampling iterations
## INFO [21:55:58.321] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:55:58.868] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:55:59.396] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:00.271] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:00.799] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:01.345] Finished benchmark
## INFO [21:56:01.361] Result of batch 19:
## INFO [21:56:01.361]   mtry AUC
## INFO [21:56:01.361]   21   1
## INFO [21:56:01.377] 19 configurations evaluated
## INFO [21:56:01.377] Evaluating 1 configurations
## INFO [21:56:01.377]   mtry
## INFO [21:56:01.377]   3

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## INFO [21:56:01.424] Benchmark with 5 resampling iterations
## INFO [21:56:01.424] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:01.720] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:02.033] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:02.345] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:02.638] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:02.966] Finished benchmark
## INFO [21:56:02.991] Result of batch 20:
## INFO [21:56:02.994]   mtry AUC
## INFO [21:56:02.994]     3   1
## INFO [21:56:02.996] 20 configurations evaluated
## INFO [21:56:03.002] Evaluating 1 configurations
## INFO [21:56:03.002]   mtry
## INFO [21:56:03.002]    15
## INFO [21:56:03.033] Benchmark with 5 resampling iterations
## INFO [21:56:03.033] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:03.502] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:03.936] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:04.389] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:04.839] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:05.300] Finished benchmark
## INFO [21:56:05.316] Result of batch 21:
## INFO [21:56:05.316]   mtry AUC
## INFO [21:56:05.316]    15   1
## INFO [21:56:05.316] 21 configurations evaluated
## INFO [21:56:05.342] Finished tuning after 21 evals
## INFO [21:56:05.423] Tuned x: mtry=8
## INFO [21:56:05.423] Tuned y: AUC=1
## INFO [21:56:05.863] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 8/10)
## INFO [21:56:05.910] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:56:05.910] Terminator settings: n_evals=21
## INFO [21:56:05.910] Evaluating 1 configurations
## INFO [21:56:05.925]   mtry
## INFO [21:56:05.925]    10
## INFO [21:56:05.956] Benchmark with 5 resampling iterations
## INFO [21:56:05.956] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:06.347] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:06.718] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:07.102] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:07.478] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:07.874] Finished benchmark
## INFO [21:56:07.890] Result of batch 1:
## INFO [21:56:07.890]   mtry AUC
## INFO [21:56:07.890]    10   1
## INFO [21:56:07.890] 1 configurations evaluated
## INFO [21:56:07.905] Evaluating 1 configurations
## INFO [21:56:07.905]   mtry
## INFO [21:56:07.905]    16
## INFO [21:56:07.952] Benchmark with 5 resampling iterations
## INFO [21:56:07.952] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:08.421] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:08.871] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:09.336] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:09.789] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:56:10.255] Finished benchmark
## INFO [21:56:10.255] Result of batch 2:
## INFO [21:56:10.270] mtry AUC
## INFO [21:56:10.270] 16 1
## INFO [21:56:10.270] 2 configurations evaluated
## INFO [21:56:10.286] Evaluating 1 configurations
## INFO [21:56:10.286] mtry
## INFO [21:56:10.286] 7
## INFO [21:56:10.317] Benchmark with 5 resampling iterations
## INFO [21:56:10.317] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:10.677] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:11.017] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:11.373] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:11.720] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:12.080] Finished benchmark
## INFO [21:56:12.095] Result of batch 3:
## INFO [21:56:12.095] mtry AUC
## INFO [21:56:12.095] 7 1
## INFO [21:56:12.095] 3 configurations evaluated
## INFO [21:56:12.111] Evaluating 1 configurations
## INFO [21:56:12.111] mtry
## INFO [21:56:12.111] 2
## INFO [21:56:12.142] Benchmark with 5 resampling iterations
## INFO [21:56:12.142] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:12.455] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:12.763] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:13.057] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:13.360] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:13.673] Finished benchmark
## INFO [21:56:13.688] Result of batch 4:
## INFO [21:56:13.688] mtry AUC
## INFO [21:56:13.688] 2 1
## INFO [21:56:13.688] 4 configurations evaluated
## INFO [21:56:13.714] Evaluating 1 configurations
## INFO [21:56:13.716] mtry
## INFO [21:56:13.716] 13
## INFO [21:56:13.747] Benchmark with 5 resampling iterations
## INFO [21:56:13.747] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:14.169] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:14.591] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:15.017] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:15.444] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:15.864] Finished benchmark
## INFO [21:56:15.879] Result of batch 5:
## INFO [21:56:15.895] mtry AUC
## INFO [21:56:15.895] 13 1
## INFO [21:56:15.895] 5 configurations evaluated
## INFO [21:56:15.895] Evaluating 1 configurations
## INFO [21:56:15.910] mtry
## INFO [21:56:15.910] 19
## INFO [21:56:15.942] Benchmark with 5 resampling iterations
## INFO [21:56:15.942] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:16.470] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:16.972] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:56:17.504] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:18.004] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:18.513] Finished benchmark
## INFO [21:56:18.528] Result of batch 6:
## INFO [21:56:18.528]   mtry AUC
## INFO [21:56:18.528]   19   1
## INFO [21:56:18.544] 6 configurations evaluated
## INFO [21:56:18.544] Evaluating 1 configurations
## INFO [21:56:18.544]   mtry
## INFO [21:56:18.544]   12
## INFO [21:56:18.591] Benchmark with 5 resampling iterations
## INFO [21:56:18.591] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:18.980] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:19.391] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:19.797] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:20.198] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:20.620] Finished benchmark
## INFO [21:56:20.636] Result of batch 7:
## INFO [21:56:20.636]   mtry AUC
## INFO [21:56:20.636]   12   1
## INFO [21:56:20.636] 7 configurations evaluated
## INFO [21:56:20.651] Evaluating 1 configurations
## INFO [21:56:20.651]   mtry
## INFO [21:56:20.651]   9
## INFO [21:56:20.682] Benchmark with 5 resampling iterations
## INFO [21:56:20.682] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:21.057] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:21.445] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:21.823] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:22.198] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:22.569] Finished benchmark
## INFO [21:56:22.585] Result of batch 8:
## INFO [21:56:22.585]   mtry AUC
## INFO [21:56:22.585]   9   1
## INFO [21:56:22.585] 8 configurations evaluated
## INFO [21:56:22.601] Evaluating 1 configurations
## INFO [21:56:22.601]   mtry
## INFO [21:56:22.601]   18
## INFO [21:56:22.632] Benchmark with 5 resampling iterations
## INFO [21:56:22.632] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:23.125] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:23.607] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:24.092] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:24.585] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:25.095] Finished benchmark
## INFO [21:56:25.110] Result of batch 9:
## INFO [21:56:25.110]   mtry AUC
## INFO [21:56:25.110]   18   1
## INFO [21:56:25.110] 9 configurations evaluated
## INFO [21:56:25.127] Evaluating 1 configurations
## INFO [21:56:25.130]   mtry
## INFO [21:56:25.130]   11
## INFO [21:56:25.154] Benchmark with 5 resampling iterations
## INFO [21:56:25.154] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)

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## INFO [21:56:25.554] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:25.967] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:26.383] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:26.827] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:27.261] Finished benchmark
## INFO [21:56:27.277] Result of batch 10:
## INFO [21:56:27.277] mtry AUC
## INFO [21:56:27.277] 11 1
## INFO [21:56:27.277] 10 configurations evaluated
## INFO [21:56:27.292] Evaluating 1 configurations
## INFO [21:56:27.292] mtry
## INFO [21:56:27.292] 15
## INFO [21:56:27.324] Benchmark with 5 resampling iterations
## INFO [21:56:27.324] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:27.764] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:28.217] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:28.663] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:29.110] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:29.577] Finished benchmark
## INFO [21:56:29.593] Result of batch 11:
## INFO [21:56:29.593] mtry AUC
## INFO [21:56:29.593] 15 1
## INFO [21:56:29.593] 11 configurations evaluated
## INFO [21:56:29.608] Evaluating 1 configurations
## INFO [21:56:29.608] mtry
## INFO [21:56:29.608] 4
## INFO [21:56:29.640] Benchmark with 5 resampling iterations
## INFO [21:56:29.640] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:29.968] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:30.298] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:30.610] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:30.950] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:31.263] Finished benchmark
## INFO [21:56:31.279] Result of batch 12:
## INFO [21:56:31.279] mtry AUC
## INFO [21:56:31.279] 4 1
## INFO [21:56:31.279] 12 configurations evaluated
## INFO [21:56:31.294] Evaluating 1 configurations
## INFO [21:56:31.294] mtry
## INFO [21:56:31.294] 20
## INFO [21:56:31.325] Benchmark with 5 resampling iterations
## INFO [21:56:31.325] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:31.857] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:32.369] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:32.916] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:33.421] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:33.962] Finished benchmark
## INFO [21:56:33.978] Result of batch 13:
## INFO [21:56:33.978] mtry AUC
## INFO [21:56:33.978] 20 1
## INFO [21:56:33.978] 13 configurations evaluated
## INFO [21:56:33.994] Evaluating 1 configurations
## INFO [21:56:33.994] mtry
## INFO [21:56:33.994] 6

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## INFO [21:56:34.025] Benchmark with 5 resampling iterations
## INFO [21:56:34.025] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:34.384] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:34.709] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:35.042] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:35.376] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:35.716] Finished benchmark
## INFO [21:56:35.732] Result of batch 14:
## INFO [21:56:35.732]   mtry AUC
## INFO [21:56:35.732]     6   1
## INFO [21:56:35.732] 14 configurations evaluated
## INFO [21:56:35.747] Evaluating 1 configurations
## INFO [21:56:35.747]   mtry
## INFO [21:56:35.747]     5
## INFO [21:56:35.779] Benchmark with 5 resampling iterations
## INFO [21:56:35.779] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:36.107] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:36.425] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:36.759] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:37.075] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:37.425] Finished benchmark
## INFO [21:56:37.441] Result of batch 15:
## INFO [21:56:37.441]   mtry AUC
## INFO [21:56:37.441]     5   1
## INFO [21:56:37.457] 15 configurations evaluated
## INFO [21:56:37.457] Evaluating 1 configurations
## INFO [21:56:37.472]   mtry
## INFO [21:56:37.472]     1
## INFO [21:56:37.503] Benchmark with 5 resampling iterations
## INFO [21:56:37.503] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:37.785] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:38.050] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:38.332] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:38.597] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:38.885] Finished benchmark
## INFO [21:56:38.900] Result of batch 16:
## INFO [21:56:38.900]   mtry      AUC
## INFO [21:56:38.900]     1 0.9999891
## INFO [21:56:38.900] 16 configurations evaluated
## INFO [21:56:38.916] Evaluating 1 configurations
## INFO [21:56:38.916]   mtry
## INFO [21:56:38.916]    21
## INFO [21:56:38.947] Benchmark with 5 resampling iterations
## INFO [21:56:38.947] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:39.481] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:40.022] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:40.557] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:41.119] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:41.678] Finished benchmark
## INFO [21:56:41.678] Result of batch 17:
## INFO [21:56:41.694]   mtry AUC
## INFO [21:56:41.694]    21   1
## INFO [21:56:41.694] 17 configurations evaluated
## INFO [21:56:41.710] Evaluating 1 configurations

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## INFO [21:56:41.710] mtry
## INFO [21:56:41.710] 14
## INFO [21:56:41.741] Benchmark with 5 resampling iterations
## INFO [21:56:41.741] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:42.191] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:42.616] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:43.049] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:43.475] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:43.913] Finished benchmark
## INFO [21:56:43.928] Result of batch 18:
## INFO [21:56:43.928] mtry AUC
## INFO [21:56:43.928] 14 1
## INFO [21:56:43.928] 18 configurations evaluated
## INFO [21:56:43.944] Evaluating 1 configurations
## INFO [21:56:43.944] mtry
## INFO [21:56:43.944] 17
## INFO [21:56:43.975] Benchmark with 5 resampling iterations
## INFO [21:56:43.975] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:44.472] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:44.937] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:45.418] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:45.899] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:46.380] Finished benchmark
## INFO [21:56:46.395] Result of batch 19:
## INFO [21:56:46.411] mtry AUC
## INFO [21:56:46.411] 17 1
## INFO [21:56:46.411] 19 configurations evaluated
## INFO [21:56:46.411] Evaluating 1 configurations
## INFO [21:56:46.427] mtry
## INFO [21:56:46.427] 3
## INFO [21:56:46.458] Benchmark with 5 resampling iterations
## INFO [21:56:46.458] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:46.770] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:47.090] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:47.384] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:47.696] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:48.046] Finished benchmark
## INFO [21:56:48.062] Result of batch 20:
## INFO [21:56:48.062] mtry AUC
## INFO [21:56:48.062] 3 1
## INFO [21:56:48.062] 20 configurations evaluated
## INFO [21:56:48.077] Evaluating 1 configurations
## INFO [21:56:48.077] mtry
## INFO [21:56:48.077] 8
## INFO [21:56:48.108] Benchmark with 5 resampling iterations
## INFO [21:56:48.108] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:48.468] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:48.843] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:49.202] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:49.568] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:49.940] Finished benchmark
## INFO [21:56:49.956] Result of batch 21:
## INFO [21:56:49.956] mtry AUC
## INFO [21:56:49.956] 8 1

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## INFO [21:56:49.956] 21 configurations evaluated
## INFO [21:56:49.972] Finished tuning after 21 evals
## INFO [21:56:50.047] Tuned x: mtry=3
## INFO [21:56:50.047] Tuned y: AUC=1
## INFO [21:56:50.443] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 9/10)
## INFO [21:56:50.474] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:56:50.474] Terminator settings: n_evals=21
## INFO [21:56:50.490] Evaluating 1 configurations
## INFO [21:56:50.490]   mtry
## INFO [21:56:50.490]     16
## INFO [21:56:50.521] Benchmark with 5 resampling iterations
## INFO [21:56:50.521] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:50.990] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:51.471] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:51.939] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:52.408] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:52.889] Finished benchmark
## INFO [21:56:52.889] Result of batch 1:
## INFO [21:56:52.905]   mtry AUC
## INFO [21:56:52.905]     16   1
## INFO [21:56:52.905] 1 configurations evaluated
## INFO [21:56:52.920] Evaluating 1 configurations
## INFO [21:56:52.920]   mtry
## INFO [21:56:52.920]     17
## INFO [21:56:52.951] Benchmark with 5 resampling iterations
## INFO [21:56:52.951] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:53.432] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:53.945] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:54.422] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:54.906] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:55.403] Finished benchmark
## INFO [21:56:55.419] Result of batch 2:
## INFO [21:56:55.419]   mtry AUC
## INFO [21:56:55.419]     17   1
## INFO [21:56:55.434] 2 configurations evaluated
## INFO [21:56:55.434] Evaluating 1 configurations
## INFO [21:56:55.434]   mtry
## INFO [21:56:55.434]     14
## INFO [21:56:55.481] Benchmark with 5 resampling iterations
## INFO [21:56:55.481] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:55.925] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:56.365] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:56.799] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:57.245] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:57.677] Finished benchmark
## INFO [21:56:57.693] Result of batch 3:
## INFO [21:56:57.693]   mtry AUC
## INFO [21:56:57.693]     14   1
## INFO [21:56:57.693] 3 configurations evaluated
## INFO [21:56:57.709] Evaluating 1 configurations
## INFO [21:56:57.709]   mtry
## INFO [21:56:57.709]     7
## INFO [21:56:57.740] Benchmark with 5 resampling iterations
## INFO [21:56:57.740] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)

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## INFO [21:56:58.084] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:56:58.455] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:56:58.799] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:56:59.149] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:56:59.504] Finished benchmark
## INFO [21:56:59.520] Result of batch 4:
## INFO [21:56:59.520]   mtry AUC
## INFO [21:56:59.520]     7   1
## INFO [21:56:59.520] 4 configurations evaluated
## INFO [21:56:59.536] Evaluating 1 configurations
## INFO [21:56:59.536]   mtry
## INFO [21:56:59.536]    12
## INFO [21:56:59.567] Benchmark with 5 resampling iterations
## INFO [21:56:59.567] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:56:59.962] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:00.387] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:00.793] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:01.212] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:01.677] Finished benchmark
## INFO [21:57:01.693] Result of batch 5:
## INFO [21:57:01.693]   mtry AUC
## INFO [21:57:01.693]    12   1
## INFO [21:57:01.693] 5 configurations evaluated
## INFO [21:57:01.708] Evaluating 1 configurations
## INFO [21:57:01.708]   mtry
## INFO [21:57:01.708]    21
## INFO [21:57:01.740] Benchmark with 5 resampling iterations
## INFO [21:57:01.740] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:02.280] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:02.810] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:03.356] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:03.901] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:04.447] Finished benchmark
## INFO [21:57:04.463] Result of batch 6:
## INFO [21:57:04.463]   mtry AUC
## INFO [21:57:04.463]    21   1
## INFO [21:57:04.463] 6 configurations evaluated
## INFO [21:57:04.479] Evaluating 1 configurations
## INFO [21:57:04.479]   mtry
## INFO [21:57:04.479]    11
## INFO [21:57:04.510] Benchmark with 5 resampling iterations
## INFO [21:57:04.510] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:04.913] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:05.303] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:05.706] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:06.100] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:06.506] Finished benchmark
## INFO [21:57:06.522] Result of batch 7:
## INFO [21:57:06.522]   mtry AUC
## INFO [21:57:06.522]    11   1
## INFO [21:57:06.522] 7 configurations evaluated
## INFO [21:57:06.537] Evaluating 1 configurations
## INFO [21:57:06.537]   mtry
## INFO [21:57:06.537]    10

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## INFO [21:57:06.569] Benchmark with 5 resampling iterations
## INFO [21:57:06.569] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:06.944] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:07.334] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:07.734] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:08.137] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:08.546] Finished benchmark
## INFO [21:57:08.562] Result of batch 8:
## INFO [21:57:08.562]   mtry AUC
## INFO [21:57:08.562]    10   1
## INFO [21:57:08.562] 8 configurations evaluated
## INFO [21:57:08.577] Evaluating 1 configurations
## INFO [21:57:08.577]   mtry
## INFO [21:57:08.577]    3
## INFO [21:57:08.608] Benchmark with 5 resampling iterations
## INFO [21:57:08.624] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:08.937] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:09.249] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:09.546] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:09.858] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:10.208] Finished benchmark
## INFO [21:57:10.224] Result of batch 9:
## INFO [21:57:10.224]   mtry AUC
## INFO [21:57:10.224]    3   1
## INFO [21:57:10.224] 9 configurations evaluated
## INFO [21:57:10.240] Evaluating 1 configurations
## INFO [21:57:10.240]   mtry
## INFO [21:57:10.240]    2
## INFO [21:57:10.271] Benchmark with 5 resampling iterations
## INFO [21:57:10.271] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:10.580] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:10.877] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:11.182] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:11.479] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:11.807] Finished benchmark
## INFO [21:57:11.822] Result of batch 10:
## INFO [21:57:11.822]   mtry AUC
## INFO [21:57:11.822]    2   1
## INFO [21:57:11.822] 10 configurations evaluated
## INFO [21:57:11.845] Evaluating 1 configurations
## INFO [21:57:11.847]   mtry
## INFO [21:57:11.847]   13
## INFO [21:57:11.866] Benchmark with 5 resampling iterations
## INFO [21:57:11.882] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:12.304] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:12.721] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:13.155] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:13.580] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:14.002] Finished benchmark
## INFO [21:57:14.018] Result of batch 11:
## INFO [21:57:14.018]   mtry AUC
## INFO [21:57:14.018]   13   1
## INFO [21:57:14.018] 11 configurations evaluated
## INFO [21:57:14.034] Evaluating 1 configurations

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## INFO [21:57:14.034] mtry
## INFO [21:57:14.034] 6
## INFO [21:57:14.065] Benchmark with 5 resampling iterations
## INFO [21:57:14.065] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:14.409] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:14.749] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:15.095] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:15.447] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:15.807] Finished benchmark
## INFO [21:57:15.807] Result of batch 12:
## INFO [21:57:15.822] mtry AUC
## INFO [21:57:15.822] 6 1
## INFO [21:57:15.822] 12 configurations evaluated
## INFO [21:57:15.838] Evaluating 1 configurations
## INFO [21:57:15.838] mtry
## INFO [21:57:15.838] 20
## INFO [21:57:15.869] Benchmark with 5 resampling iterations
## INFO [21:57:15.869] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:16.391] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:16.923] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:17.470] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:18.013] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:18.557] Finished benchmark
## INFO [21:57:18.572] Result of batch 13:
## INFO [21:57:18.572] mtry AUC
## INFO [21:57:18.572] 20 1
## INFO [21:57:18.572] 13 configurations evaluated
## INFO [21:57:18.588] Evaluating 1 configurations
## INFO [21:57:18.588] mtry
## INFO [21:57:18.588] 8
## INFO [21:57:18.619] Benchmark with 5 resampling iterations
## INFO [21:57:18.619] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:18.994] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:19.354] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:19.729] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:20.104] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:20.472] Finished benchmark
## INFO [21:57:20.487] Result of batch 14:
## INFO [21:57:20.487] mtry AUC
## INFO [21:57:20.487] 8 1
## INFO [21:57:20.487] 14 configurations evaluated
## INFO [21:57:20.503] Evaluating 1 configurations
## INFO [21:57:20.503] mtry
## INFO [21:57:20.503] 1
## INFO [21:57:20.534] Benchmark with 5 resampling iterations
## INFO [21:57:20.534] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:20.800] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:21.081] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:21.362] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:21.644] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:21.925] Finished benchmark
## INFO [21:57:21.941] Result of batch 15:
## INFO [21:57:21.941] mtry AUC
## INFO [21:57:21.941] 1 0.9999929

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## INFO [21:57:21.941] 15 configurations evaluated
## INFO [21:57:21.956] Evaluating 1 configurations
## INFO [21:57:21.956] mtry
## INFO [21:57:21.956] 15
## INFO [21:57:21.987] Benchmark with 5 resampling iterations
## INFO [21:57:21.987] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:22.437] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:22.884] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:23.344] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:23.793] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:24.237] Finished benchmark
## INFO [21:57:24.253] Result of batch 16:
## INFO [21:57:24.253] mtry AUC
## INFO [21:57:24.253] 15 1
## INFO [21:57:24.253] 16 configurations evaluated
## INFO [21:57:24.268] Evaluating 1 configurations
## INFO [21:57:24.268] mtry
## INFO [21:57:24.268] 5
## INFO [21:57:24.315] Benchmark with 5 resampling iterations
## INFO [21:57:24.315] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:24.675] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:24.999] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:25.323] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:25.652] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:25.993] Finished benchmark
## INFO [21:57:26.008] Result of batch 17:
## INFO [21:57:26.008] mtry AUC
## INFO [21:57:26.008] 5 1
## INFO [21:57:26.024] 17 configurations evaluated
## INFO [21:57:26.024] Evaluating 1 configurations
## INFO [21:57:26.040] mtry
## INFO [21:57:26.040] 19
## INFO [21:57:26.071] Benchmark with 5 resampling iterations
## INFO [21:57:26.071] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:26.574] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:27.074] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:27.589] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:28.101] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:28.617] Finished benchmark
## INFO [21:57:28.633] Result of batch 18:
## INFO [21:57:28.633] mtry AUC
## INFO [21:57:28.633] 19 1
## INFO [21:57:28.633] 18 configurations evaluated
## INFO [21:57:28.648] Evaluating 1 configurations
## INFO [21:57:28.648] mtry
## INFO [21:57:28.648] 9
## INFO [21:57:28.680] Benchmark with 5 resampling iterations
## INFO [21:57:28.680] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:29.070] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:29.426] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:29.801] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:30.183] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:30.570] Finished benchmark
## INFO [21:57:30.570] Result of batch 19:

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## INFO [21:57:30.585] mtry AUC
## INFO [21:57:30.585] 9 1
## INFO [21:57:30.585] 19 configurations evaluated
## INFO [21:57:30.601] Evaluating 1 configurations
## INFO [21:57:30.601] mtry
## INFO [21:57:30.601] 4
## INFO [21:57:30.632] Benchmark with 5 resampling iterations
## INFO [21:57:30.632] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:30.960] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:31.272] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:31.597] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:31.925] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:32.271] Finished benchmark
## INFO [21:57:32.271] Result of batch 20:
## INFO [21:57:32.287] mtry AUC
## INFO [21:57:32.287] 4 1
## INFO [21:57:32.287] 20 configurations evaluated
## INFO [21:57:32.303] Evaluating 1 configurations
## INFO [21:57:32.305] mtry
## INFO [21:57:32.305] 18
## INFO [21:57:32.331] Benchmark with 5 resampling iterations
## INFO [21:57:32.331] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:32.818] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:33.315] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:33.815] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:34.299] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:34.799] Finished benchmark
## INFO [21:57:34.815] Result of batch 21:
## INFO [21:57:34.815] mtry AUC
## INFO [21:57:34.815] 18 1
## INFO [21:57:34.830] 21 configurations evaluated
## INFO [21:57:34.830] Finished tuning after 21 evals
## INFO [21:57:34.940] Tuned x: mtry=9
## INFO [21:57:34.940] Tuned y: AUC=1
## INFO [21:57:35.417] Applying learner 'classif.ranger.tuned' on task 'mushrooms_data' (iter 10/10)
## INFO [21:57:35.449] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:57:35.449] Terminator settings: n_evals=21
## INFO [21:57:35.464] Evaluating 1 configurations
## INFO [21:57:35.464] mtry
## INFO [21:57:35.464] 1
## INFO [21:57:35.496] Benchmark with 5 resampling iterations
## INFO [21:57:35.496] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:35.779] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:36.069] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:36.347] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:36.623] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:36.935] Finished benchmark
## INFO [21:57:36.951] Result of batch 1:
## INFO [21:57:36.951] mtry AUC
## INFO [21:57:36.951] 1 0.9999891
## INFO [21:57:36.951] 1 configurations evaluated
## INFO [21:57:36.966] Evaluating 1 configurations
## INFO [21:57:36.966] mtry
## INFO [21:57:36.966] 2

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## INFO [21:57:36.998] Benchmark with 5 resampling iterations
## INFO [21:57:37.013] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:37.294] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:37.607] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:37.904] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:38.192] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:38.501] Finished benchmark
## INFO [21:57:38.517] Result of batch 2:
## INFO [21:57:38.517]   mtry AUC
## INFO [21:57:38.517]     2   1
## INFO [21:57:38.517] 2 configurations evaluated
## INFO [21:57:38.532] Evaluating 1 configurations
## INFO [21:57:38.532]   mtry
## INFO [21:57:38.532]     4
## INFO [21:57:38.576] Benchmark with 5 resampling iterations
## INFO [21:57:38.576] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:38.888] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:39.224] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:39.536] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:39.864] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:40.187] Finished benchmark
## INFO [21:57:40.203] Result of batch 3:
## INFO [21:57:40.203]   mtry AUC
## INFO [21:57:40.203]     4   1
## INFO [21:57:40.203] 3 configurations evaluated
## INFO [21:57:40.219] Evaluating 1 configurations
## INFO [21:57:40.219]   mtry
## INFO [21:57:40.219]    19
## INFO [21:57:40.250] Benchmark with 5 resampling iterations
## INFO [21:57:40.250] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:40.761] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:41.292] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:41.788] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:42.299] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:42.846] Finished benchmark
## INFO [21:57:42.846] Result of batch 4:
## INFO [21:57:42.862]   mtry AUC
## INFO [21:57:42.862]    19   1
## INFO [21:57:42.862] 4 configurations evaluated
## INFO [21:57:42.878] Evaluating 1 configurations
## INFO [21:57:42.878]   mtry
## INFO [21:57:42.878]     3
## INFO [21:57:42.909] Benchmark with 5 resampling iterations
## INFO [21:57:42.909] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:43.206] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:43.518] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:43.828] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:44.128] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:44.440] Finished benchmark
## INFO [21:57:44.456] Result of batch 5:
## INFO [21:57:44.456]   mtry AUC
## INFO [21:57:44.456]     3   1
## INFO [21:57:44.471] 5 configurations evaluated
## INFO [21:57:44.471] Evaluating 1 configurations

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## INFO [21:57:44.471] mtry
## INFO [21:57:44.471] 10
## INFO [21:57:44.518] Benchmark with 5 resampling iterations
## INFO [21:57:44.518] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:44.902] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:45.277] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:45.664] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:46.036] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:46.427] Finished benchmark
## INFO [21:57:46.442] Result of batch 6:
## INFO [21:57:46.442] mtry AUC
## INFO [21:57:46.442] 10 1
## INFO [21:57:46.442] 6 configurations evaluated
## INFO [21:57:46.466] Evaluating 1 configurations
## INFO [21:57:46.468] mtry
## INFO [21:57:46.468] 5
## INFO [21:57:46.486] Benchmark with 5 resampling iterations
## INFO [21:57:46.501] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:46.829] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:47.151] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:47.538] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:47.866] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:48.194] Finished benchmark
## INFO [21:57:48.212] Result of batch 7:
## INFO [21:57:48.212] mtry AUC
## INFO [21:57:48.212] 5 1
## INFO [21:57:48.212] 7 configurations evaluated
## INFO [21:57:48.228] Evaluating 1 configurations
## INFO [21:57:48.228] mtry
## INFO [21:57:48.228] 17
## INFO [21:57:48.259] Benchmark with 5 resampling iterations
## INFO [21:57:48.259] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:48.747] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:49.225] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:49.716] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:50.200] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:50.685] Finished benchmark
## INFO [21:57:50.700] Result of batch 8:
## INFO [21:57:50.700] mtry AUC
## INFO [21:57:50.700] 17 1
## INFO [21:57:50.700] 8 configurations evaluated
## INFO [21:57:50.716] Evaluating 1 configurations
## INFO [21:57:50.716] mtry
## INFO [21:57:50.716] 14
## INFO [21:57:50.747] Benchmark with 5 resampling iterations
## INFO [21:57:50.763] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:51.194] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:51.638] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:52.076] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:52.510] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:52.947] Finished benchmark
## INFO [21:57:52.963] Result of batch 9:
## INFO [21:57:52.963] mtry AUC
## INFO [21:57:52.963] 14 1

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## INFO [21:57:52.963] 9 configurations evaluated
## INFO [21:57:52.978] Evaluating 1 configurations
## INFO [21:57:52.978] mtry
## INFO [21:57:52.978] 15
## INFO [21:57:53.010] Benchmark with 5 resampling iterations
## INFO [21:57:53.010] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:53.443] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:53.893] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:54.348] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:54.802] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:55.260] Finished benchmark
## INFO [21:57:55.276] Result of batch 10:
## INFO [21:57:55.276] mtry AUC
## INFO [21:57:55.276] 15 1
## INFO [21:57:55.276] 10 configurations evaluated
## INFO [21:57:55.291] Evaluating 1 configurations
## INFO [21:57:55.291] mtry
## INFO [21:57:55.291] 20
## INFO [21:57:55.322] Benchmark with 5 resampling iterations
## INFO [21:57:55.322] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:55.854] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:56.394] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:56.916] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:57.444] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:57.972] Finished benchmark
## INFO [21:57:57.987] Result of batch 11:
## INFO [21:57:57.987] mtry AUC
## INFO [21:57:57.987] 20 1
## INFO [21:57:57.987] 11 configurations evaluated
## INFO [21:57:58.003] Evaluating 1 configurations
## INFO [21:57:58.003] mtry
## INFO [21:57:58.003] 6
## INFO [21:57:58.034] Benchmark with 5 resampling iterations
## INFO [21:57:58.034] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:57:58.362] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:57:58.706] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:57:59.050] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:57:59.390] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:57:59.749] Finished benchmark
## INFO [21:57:59.765] Result of batch 12:
## INFO [21:57:59.765] mtry AUC
## INFO [21:57:59.765] 6 1
## INFO [21:57:59.765] 12 configurations evaluated
## INFO [21:57:59.781] Evaluating 1 configurations
## INFO [21:57:59.781] mtry
## INFO [21:57:59.781] 21
## INFO [21:57:59.812] Benchmark with 5 resampling iterations
## INFO [21:57:59.812] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:00.374] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:00.918] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:01.465] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:01.991] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:02.547] Finished benchmark
## INFO [21:58:02.563] Result of batch 13:

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## INFO [21:58:02.563] mtry AUC
## INFO [21:58:02.563] 21 1
## INFO [21:58:02.579] 13 configurations evaluated
## INFO [21:58:02.579] Evaluating 1 configurations
## INFO [21:58:02.594] mtry
## INFO [21:58:02.594] 7
## INFO [21:58:02.625] Benchmark with 5 resampling iterations
## INFO [21:58:02.625] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:02.968] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:03.324] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:03.682] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:04.031] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:04.406] Finished benchmark
## INFO [21:58:04.422] Result of batch 14:
## INFO [21:58:04.422] mtry AUC
## INFO [21:58:04.422] 7 1
## INFO [21:58:04.422] 14 configurations evaluated
## INFO [21:58:04.437] Evaluating 1 configurations
## INFO [21:58:04.437] mtry
## INFO [21:58:04.437] 11
## INFO [21:58:04.468] Benchmark with 5 resampling iterations
## INFO [21:58:04.468] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:04.871] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:05.281] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:05.684] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:06.071] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:06.456] Finished benchmark
## INFO [21:58:06.472] Result of batch 15:
## INFO [21:58:06.472] mtry AUC
## INFO [21:58:06.472] 11 1
## INFO [21:58:06.487] 15 configurations evaluated
## INFO [21:58:06.487] Evaluating 1 configurations
## INFO [21:58:06.503] mtry
## INFO [21:58:06.503] 16
## INFO [21:58:06.534] Benchmark with 5 resampling iterations
## INFO [21:58:06.534] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:07.000] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:07.465] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:07.922] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:08.387] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:08.859] Finished benchmark
## INFO [21:58:08.874] Result of batch 16:
## INFO [21:58:08.874] mtry AUC
## INFO [21:58:08.874] 16 1
## INFO [21:58:08.890] 16 configurations evaluated
## INFO [21:58:08.890] Evaluating 1 configurations
## INFO [21:58:08.890] mtry
## INFO [21:58:08.890] 9
## INFO [21:58:08.937] Benchmark with 5 resampling iterations
## INFO [21:58:08.937] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:09.296] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:09.671] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:10.058] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:10.417] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:58:10.804] Finished benchmark
## INFO [21:58:10.820] Result of batch 17:
## INFO [21:58:10.820] mtry AUC
## INFO [21:58:10.820] 9 1
## INFO [21:58:10.820] 17 configurations evaluated
## INFO [21:58:10.836] Evaluating 1 configurations
## INFO [21:58:10.836] mtry
## INFO [21:58:10.836] 13
## INFO [21:58:10.867] Benchmark with 5 resampling iterations
## INFO [21:58:10.867] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:11.307] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:11.729] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:12.166] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:12.585] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:13.006] Finished benchmark
## INFO [21:58:13.022] Result of batch 18:
## INFO [21:58:13.038] mtry AUC
## INFO [21:58:13.038] 13 1
## INFO [21:58:13.040] 18 configurations evaluated
## INFO [21:58:13.050] Evaluating 1 configurations
## INFO [21:58:13.050] mtry
## INFO [21:58:13.050] 18
## INFO [21:58:13.082] Benchmark with 5 resampling iterations
## INFO [21:58:13.082] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:13.582] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:14.089] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:14.585] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:15.076] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:15.592] Finished benchmark
## INFO [21:58:15.608] Result of batch 19:
## INFO [21:58:15.608] mtry AUC
## INFO [21:58:15.608] 18 1
## INFO [21:58:15.608] 19 configurations evaluated
## INFO [21:58:15.634] Evaluating 1 configurations
## INFO [21:58:15.635] mtry
## INFO [21:58:15.635] 12
## INFO [21:58:15.667] Benchmark with 5 resampling iterations
## INFO [21:58:15.667] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:16.085] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:16.518] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:16.936] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:17.347] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:17.753] Finished benchmark
## INFO [21:58:17.769] Result of batch 20:
## INFO [21:58:17.769] mtry AUC
## INFO [21:58:17.769] 12 1
## INFO [21:58:17.769] 20 configurations evaluated
## INFO [21:58:17.784] Evaluating 1 configurations
## INFO [21:58:17.784] mtry
## INFO [21:58:17.784] 8
## INFO [21:58:17.815] Benchmark with 5 resampling iterations
## INFO [21:58:17.831] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:18.190] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:18.550] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:58:18.921] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:19.281] Applying learner 'classif.ranger' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:19.649] Finished benchmark
## INFO [21:58:19.665] Result of batch 21:
## INFO [21:58:19.665]   mtry AUC
## INFO [21:58:19.665]     8   1
## INFO [21:58:19.665] 21 configurations evaluated
## INFO [21:58:19.685] Finished tuning after 21 evals
## INFO [21:58:19.771] Tuned x: mtry=12
## INFO [21:58:19.786] Tuned y: AUC=1
## INFO [21:58:20.286] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 1/10)
## INFO [21:58:20.365] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [21:58:20.365] Terminator settings: n_evals=50
## INFO [21:58:20.380] Evaluating 1 configurations
## INFO [21:58:20.380]   k
## INFO [21:58:20.380]  10
## INFO [21:58:20.396] Benchmark with 5 resampling iterations
## INFO [21:58:20.396] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:20.949] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:21.540] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:22.465] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:23.024] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:23.577] Finished benchmark
## INFO [21:58:23.593] Result of batch 1:
## INFO [21:58:23.593]   k AUC
## INFO [21:58:23.593]  10   1
## INFO [21:58:23.593] 1 configurations evaluated
## INFO [21:58:23.608] Evaluating 1 configurations
## INFO [21:58:23.608]   k
## INFO [21:58:23.608]  33
## INFO [21:58:23.639] Benchmark with 5 resampling iterations
## INFO [21:58:23.639] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:24.359] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:25.119] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:25.877] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:26.624] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:27.362] Finished benchmark
## INFO [21:58:27.377] Result of batch 2:
## INFO [21:58:27.377]   k AUC
## INFO [21:58:27.377]  33   1
## INFO [21:58:27.393] 2 configurations evaluated
## INFO [21:58:27.393] Evaluating 1 configurations
## INFO [21:58:27.409]   k
## INFO [21:58:27.409]  43
## INFO [21:58:27.424] Benchmark with 5 resampling iterations
## INFO [21:58:27.424] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:28.221] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:29.068] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:29.868] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:30.681] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:31.512] Finished benchmark
## INFO [21:58:31.528] Result of batch 3:
## INFO [21:58:31.528]   k AUC
## INFO [21:58:31.528]  43   1

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## INFO [21:58:31.528] 3 configurations evaluated
## INFO [21:58:31.544] Evaluating 1 configurations
## INFO [21:58:31.544] k
## INFO [21:58:31.544] 20
## INFO [21:58:31.559] Benchmark with 5 resampling iterations
## INFO [21:58:31.575] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:32.187] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:33.219] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:33.863] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:34.507] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:35.163] Finished benchmark
## INFO [21:58:35.178] Result of batch 4:
## INFO [21:58:35.178] k AUC
## INFO [21:58:35.178] 20 1
## INFO [21:58:35.194] 4 configurations evaluated
## INFO [21:58:35.194] Evaluating 1 configurations
## INFO [21:58:35.210] k
## INFO [21:58:35.210] 24
## INFO [21:58:35.225] Benchmark with 5 resampling iterations
## INFO [21:58:35.225] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:35.919] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:36.588] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:37.263] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:37.966] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:38.645] Finished benchmark
## INFO [21:58:38.660] Result of batch 5:
## INFO [21:58:38.660] k AUC
## INFO [21:58:38.660] 24 1
## INFO [21:58:38.660] 5 configurations evaluated
## INFO [21:58:38.676] Evaluating 1 configurations
## INFO [21:58:38.676] k
## INFO [21:58:38.676] 23
## INFO [21:58:38.707] Benchmark with 5 resampling iterations
## INFO [21:58:38.707] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:39.364] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:40.032] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:40.717] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:41.392] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:42.083] Finished benchmark
## INFO [21:58:42.083] Result of batch 6:
## INFO [21:58:42.098] k AUC
## INFO [21:58:42.098] 23 1
## INFO [21:58:42.098] 6 configurations evaluated
## INFO [21:58:42.114] Evaluating 1 configurations
## INFO [21:58:42.114] k
## INFO [21:58:42.114] 47
## INFO [21:58:42.130] Benchmark with 5 resampling iterations
## INFO [21:58:42.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:42.958] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:43.823] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:44.668] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:45.508] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:46.358] Finished benchmark
## INFO [21:58:46.386] Result of batch 7:

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## INFO [21:58:46.386] k AUC
## INFO [21:58:46.386] 47 1
## INFO [21:58:46.386] 7 configurations evaluated
## INFO [21:58:46.402] Evaluating 1 configurations
## INFO [21:58:46.402] k
## INFO [21:58:46.402] 48
## INFO [21:58:46.417] Benchmark with 5 resampling iterations
## INFO [21:58:46.417] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:47.248] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:48.458] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:49.283] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:50.141] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:50.991] Finished benchmark
## INFO [21:58:51.007] Result of batch 8:
## INFO [21:58:51.007] k AUC
## INFO [21:58:51.007] 48 0.9999996
## INFO [21:58:51.007] 8 configurations evaluated
## INFO [21:58:51.023] Evaluating 1 configurations
## INFO [21:58:51.023] k
## INFO [21:58:51.023] 21
## INFO [21:58:51.038] Benchmark with 5 resampling iterations
## INFO [21:58:51.038] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:51.707] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:52.367] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:53.023] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:53.685] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:54.355] Finished benchmark
## INFO [21:58:54.371] Result of batch 9:
## INFO [21:58:54.371] k AUC
## INFO [21:58:54.371] 21 1
## INFO [21:58:54.371] 9 configurations evaluated
## INFO [21:58:54.389] Evaluating 1 configurations
## INFO [21:58:54.389] k
## INFO [21:58:54.389] 29
## INFO [21:58:54.405] Benchmark with 5 resampling iterations
## INFO [21:58:54.405] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:55.108] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:55.827] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:58:56.549] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:58:57.286] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:58:58.020] Finished benchmark
## INFO [21:58:58.036] Result of batch 10:
## INFO [21:58:58.036] k AUC
## INFO [21:58:58.036] 29 1
## INFO [21:58:58.036] 10 configurations evaluated
## INFO [21:58:58.051] Evaluating 1 configurations
## INFO [21:58:58.051] k
## INFO [21:58:58.051] 39
## INFO [21:58:58.067] Benchmark with 5 resampling iterations
## INFO [21:58:58.067] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:58:58.833] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:58:59.645] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:00.458] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:01.238] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [21:59:02.035] Finished benchmark
## INFO [21:59:02.051] Result of batch 11:
## INFO [21:59:02.051]   k AUC
## INFO [21:59:02.051] 39   1
## INFO [21:59:02.051] 11 configurations evaluated
## INFO [21:59:02.066] Evaluating 1 configurations
## INFO [21:59:02.066]   k
## INFO [21:59:02.066] 46
## INFO [21:59:02.082] Benchmark with 5 resampling iterations
## INFO [21:59:02.082] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:02.910] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:03.773] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:04.948] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:05.798] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:06.627] Finished benchmark
## INFO [21:59:06.643] Result of batch 12:
## INFO [21:59:06.643]   k AUC
## INFO [21:59:06.643] 46   1
## INFO [21:59:06.658] 12 configurations evaluated
## INFO [21:59:06.658] Evaluating 1 configurations
## INFO [21:59:06.674]   k
## INFO [21:59:06.674] 19
## INFO [21:59:06.689] Benchmark with 5 resampling iterations
## INFO [21:59:06.689] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:07.330] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:07.977] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:08.615] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:09.290] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:09.961] Finished benchmark
## INFO [21:59:09.977] Result of batch 13:
## INFO [21:59:09.977]   k AUC
## INFO [21:59:09.977] 19   1
## INFO [21:59:09.977] 13 configurations evaluated
## INFO [21:59:09.993] Evaluating 1 configurations
## INFO [21:59:09.993]   k
## INFO [21:59:09.993] 44
## INFO [21:59:10.008] Benchmark with 5 resampling iterations
## INFO [21:59:10.008] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:10.830] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:11.814] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:12.689] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:13.505] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:14.336] Finished benchmark
## INFO [21:59:14.352] Result of batch 14:
## INFO [21:59:14.352]   k AUC
## INFO [21:59:14.352] 44   1
## INFO [21:59:14.352] 14 configurations evaluated
## INFO [21:59:14.368] Evaluating 1 configurations
## INFO [21:59:14.368]   k
## INFO [21:59:14.368] 9
## INFO [21:59:14.383] Benchmark with 5 resampling iterations
## INFO [21:59:14.383] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:14.930] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:15.503] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [21:59:16.032] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:16.597] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:17.144] Finished benchmark
## INFO [21:59:17.160] Result of batch 15:
## INFO [21:59:17.160] k AUC
## INFO [21:59:17.160] 9 1
## INFO [21:59:17.160] 15 configurations evaluated
## INFO [21:59:17.175] Evaluating 1 configurations
## INFO [21:59:17.175] k
## INFO [21:59:17.175] 45
## INFO [21:59:17.191] Benchmark with 5 resampling iterations
## INFO [21:59:17.191] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:18.010] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:18.866] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:19.697] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:20.891] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:21.720] Finished benchmark
## INFO [21:59:21.736] Result of batch 16:
## INFO [21:59:21.736] k AUC
## INFO [21:59:21.736] 45 1
## INFO [21:59:21.751] 16 configurations evaluated
## INFO [21:59:21.751] Evaluating 1 configurations
## INFO [21:59:21.767] k
## INFO [21:59:21.767] 42
## INFO [21:59:21.783] Benchmark with 5 resampling iterations
## INFO [21:59:21.783] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:22.580] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:23.392] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:24.204] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:25.032] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:25.835] Finished benchmark
## INFO [21:59:25.851] Result of batch 17:
## INFO [21:59:25.851] k AUC
## INFO [21:59:25.851] 42 1
## INFO [21:59:25.851] 17 configurations evaluated
## INFO [21:59:25.866] Evaluating 1 configurations
## INFO [21:59:25.866] k
## INFO [21:59:25.866] 1
## INFO [21:59:25.882] Benchmark with 5 resampling iterations
## INFO [21:59:25.882] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:26.347] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:26.819] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:27.288] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:27.757] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:28.248] Finished benchmark
## INFO [21:59:28.264] Result of batch 18:
## INFO [21:59:28.264] k AUC
## INFO [21:59:28.264] 1 1
## INFO [21:59:28.264] 18 configurations evaluated
## INFO [21:59:28.279] Evaluating 1 configurations
## INFO [21:59:28.279] k
## INFO [21:59:28.279] 14
## INFO [21:59:28.311] Benchmark with 5 resampling iterations
## INFO [21:59:28.311] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [21:59:28.870] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:29.483] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:30.077] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:30.671] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:31.277] Finished benchmark
## INFO [21:59:31.277] Result of batch 19:
## INFO [21:59:31.293] k AUC
## INFO [21:59:31.293] 14 1
## INFO [21:59:31.293] 19 configurations evaluated
## INFO [21:59:31.308] Evaluating 1 configurations
## INFO [21:59:31.308] k
## INFO [21:59:31.308] 5
## INFO [21:59:31.339] Benchmark with 5 resampling iterations
## INFO [21:59:31.339] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:31.827] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:32.358] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:32.890] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:33.412] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:33.940] Finished benchmark
## INFO [21:59:33.955] Result of batch 20:
## INFO [21:59:33.955] k AUC
## INFO [21:59:33.955] 5 1
## INFO [21:59:33.955] 20 configurations evaluated
## INFO [21:59:33.971] Evaluating 1 configurations
## INFO [21:59:33.971] k
## INFO [21:59:33.971] 22
## INFO [21:59:33.996] Benchmark with 5 resampling iterations
## INFO [21:59:33.997] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:34.645] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:35.661] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:36.333] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:36.995] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:37.683] Finished benchmark
## INFO [21:59:37.699] Result of batch 21:
## INFO [21:59:37.699] k AUC
## INFO [21:59:37.699] 22 1
## INFO [21:59:37.699] 21 configurations evaluated
## INFO [21:59:37.715] Evaluating 1 configurations
## INFO [21:59:37.715] k
## INFO [21:59:37.715] 8
## INFO [21:59:37.730] Benchmark with 5 resampling iterations
## INFO [21:59:37.730] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:38.261] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:38.808] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:39.361] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:39.921] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:40.467] Finished benchmark
## INFO [21:59:40.483] Result of batch 22:
## INFO [21:59:40.483] k AUC
## INFO [21:59:40.483] 8 1
## INFO [21:59:40.483] 22 configurations evaluated
## INFO [21:59:40.498] Evaluating 1 configurations
## INFO [21:59:40.498] k
## INFO [21:59:40.498] 3

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## INFO [21:59:40.514] Benchmark with 5 resampling iterations
## INFO [21:59:40.514] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:41.096] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:41.596] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:42.125] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:42.628] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:43.112] Finished benchmark
## INFO [21:59:43.128] Result of batch 23:
## INFO [21:59:43.128] k AUC
## INFO [21:59:43.128] 3 1
## INFO [21:59:43.143] 23 configurations evaluated
## INFO [21:59:43.143] Evaluating 1 configurations
## INFO [21:59:43.143] k
## INFO [21:59:43.143] 7
## INFO [21:59:43.175] Benchmark with 5 resampling iterations
## INFO [21:59:43.175] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:43.706] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:44.259] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:44.787] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:45.335] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:45.869] Finished benchmark
## INFO [21:59:45.884] Result of batch 24:
## INFO [21:59:45.884] k AUC
## INFO [21:59:45.884] 7 1
## INFO [21:59:45.884] 24 configurations evaluated
## INFO [21:59:45.900] Evaluating 1 configurations
## INFO [21:59:45.900] k
## INFO [21:59:45.900] 18
## INFO [21:59:45.915] Benchmark with 5 resampling iterations
## INFO [21:59:45.915] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:46.547] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:47.185] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:47.812] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:48.812] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:49.444] Finished benchmark
## INFO [21:59:49.460] Result of batch 25:
## INFO [21:59:49.460] k AUC
## INFO [21:59:49.460] 18 1
## INFO [21:59:49.460] 25 configurations evaluated
## INFO [21:59:49.476] Evaluating 1 configurations
## INFO [21:59:49.476] k
## INFO [21:59:49.476] 11
## INFO [21:59:49.491] Benchmark with 5 resampling iterations
## INFO [21:59:49.491] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:50.053] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:50.635] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:51.182] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:51.766] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:52.325] Finished benchmark
## INFO [21:59:52.341] Result of batch 26:
## INFO [21:59:52.341] k AUC
## INFO [21:59:52.341] 11 1
## INFO [21:59:52.341] 26 configurations evaluated
## INFO [21:59:52.357] Evaluating 1 configurations

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## INFO [21:59:52.357] k
## INFO [21:59:52.357] 13
## INFO [21:59:52.372] Benchmark with 5 resampling iterations
## INFO [21:59:52.372] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:52.969] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:53.579] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:54.179] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:54.754] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:55.339] Finished benchmark
## INFO [21:59:55.354] Result of batch 27:
## INFO [21:59:55.354] k AUC
## INFO [21:59:55.354] 13 1
## INFO [21:59:55.354] 27 configurations evaluated
## INFO [21:59:55.370] Evaluating 1 configurations
## INFO [21:59:55.370] k
## INFO [21:59:55.370] 41
## INFO [21:59:55.385] Benchmark with 5 resampling iterations
## INFO [21:59:55.385] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [21:59:56.182] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [21:59:56.985] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [21:59:57.798] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [21:59:58.597] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [21:59:59.398] Finished benchmark
## INFO [21:59:59.413] Result of batch 28:
## INFO [21:59:59.413] k AUC
## INFO [21:59:59.413] 41 1
## INFO [21:59:59.413] 28 configurations evaluated
## INFO [21:59:59.429] Evaluating 1 configurations
## INFO [21:59:59.429] k
## INFO [21:59:59.429] 49
## INFO [21:59:59.445] Benchmark with 5 resampling iterations
## INFO [21:59:59.445] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:00.319] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:01.182] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:02.045] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:02.905] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:03.799] Finished benchmark
## INFO [22:00:03.814] Result of batch 29:
## INFO [22:00:03.814] k AUC
## INFO [22:00:03.814] 49 0.9999996
## INFO [22:00:03.814] 29 configurations evaluated
## INFO [22:00:03.830] Evaluating 1 configurations
## INFO [22:00:03.830] k
## INFO [22:00:03.830] 40
## INFO [22:00:03.845] Benchmark with 5 resampling iterations
## INFO [22:00:03.845] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:04.630] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:05.427] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:06.242] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:07.042] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:07.839] Finished benchmark
## INFO [22:00:07.855] Result of batch 30:
## INFO [22:00:07.855] k AUC
## INFO [22:00:07.855] 40 1

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## INFO [22:00:07.855] 30 configurations evaluated
## INFO [22:00:07.870] Evaluating 1 configurations
## INFO [22:00:07.870] k
## INFO [22:00:07.870] 25
## INFO [22:00:07.886] Benchmark with 5 resampling iterations
## INFO [22:00:07.886] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:08.564] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:09.267] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:09.955] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:10.654] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:11.342] Finished benchmark
## INFO [22:00:11.357] Result of batch 31:
## INFO [22:00:11.357] k AUC
## INFO [22:00:11.357] 25 1
## INFO [22:00:11.357] 31 configurations evaluated
## INFO [22:00:11.373] Evaluating 1 configurations
## INFO [22:00:11.373] k
## INFO [22:00:11.373] 12
## INFO [22:00:11.388] Benchmark with 5 resampling iterations
## INFO [22:00:11.404] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:11.973] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:12.542] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:13.131] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:13.722] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:14.287] Finished benchmark
## INFO [22:00:14.303] Result of batch 32:
## INFO [22:00:14.303] k AUC
## INFO [22:00:14.303] 12 1
## INFO [22:00:14.303] 32 configurations evaluated
## INFO [22:00:14.319] Evaluating 1 configurations
## INFO [22:00:14.319] k
## INFO [22:00:14.319] 15
## INFO [22:00:14.350] Benchmark with 5 resampling iterations
## INFO [22:00:14.350] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:14.928] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:15.568] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:16.197] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:16.794] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:17.403] Finished benchmark
## INFO [22:00:17.419] Result of batch 33:
## INFO [22:00:17.419] k AUC
## INFO [22:00:17.419] 15 1
## INFO [22:00:17.419] 33 configurations evaluated
## INFO [22:00:17.434] Evaluating 1 configurations
## INFO [22:00:17.434] k
## INFO [22:00:17.434] 35
## INFO [22:00:17.450] Benchmark with 5 resampling iterations
## INFO [22:00:17.450] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:18.184] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:18.977] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:19.731] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:20.878] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:21.643] Finished benchmark
## INFO [22:00:21.659] Result of batch 34:

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## INFO [22:00:21.659] k AUC
## INFO [22:00:21.659] 35 1
## INFO [22:00:21.659] 34 configurations evaluated
## INFO [22:00:21.675] Evaluating 1 configurations
## INFO [22:00:21.675] k
## INFO [22:00:21.675] 50
## INFO [22:00:21.706] Benchmark with 5 resampling iterations
## INFO [22:00:21.706] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:22.565] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:23.425] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:24.290] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:25.181] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:26.056] Finished benchmark
## INFO [22:00:26.072] Result of batch 35:
## INFO [22:00:26.072] k AUC
## INFO [22:00:26.072] 50 0.9999996
## INFO [22:00:26.072] 35 configurations evaluated
## INFO [22:00:26.088] Evaluating 1 configurations
## INFO [22:00:26.088] k
## INFO [22:00:26.088] 28
## INFO [22:00:26.103] Benchmark with 5 resampling iterations
## INFO [22:00:26.103] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:26.791] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:27.538] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:28.244] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:28.963] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:29.666] Finished benchmark
## INFO [22:00:29.682] Result of batch 36:
## INFO [22:00:29.682] k AUC
## INFO [22:00:29.682] 28 1
## INFO [22:00:29.682] 36 configurations evaluated
## INFO [22:00:29.697] Evaluating 1 configurations
## INFO [22:00:29.697] k
## INFO [22:00:29.697] 26
## INFO [22:00:29.713] Benchmark with 5 resampling iterations
## INFO [22:00:29.728] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:30.401] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:31.117] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:31.791] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:32.495] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:33.201] Finished benchmark
## INFO [22:00:33.216] Result of batch 37:
## INFO [22:00:33.216] k AUC
## INFO [22:00:33.216] 26 1
## INFO [22:00:33.216] 37 configurations evaluated
## INFO [22:00:33.232] Evaluating 1 configurations
## INFO [22:00:33.232] k
## INFO [22:00:33.232] 2
## INFO [22:00:33.248] Benchmark with 5 resampling iterations
## INFO [22:00:33.263] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:33.735] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:34.235] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:34.735] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:35.245] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:00:35.711] Finished benchmark
## INFO [22:00:35.727] Result of batch 38:
## INFO [22:00:35.727] k AUC
## INFO [22:00:35.727] 2 1
## INFO [22:00:35.727] 38 configurations evaluated
## INFO [22:00:35.742] Evaluating 1 configurations
## INFO [22:00:35.742] k
## INFO [22:00:35.742] 6
## INFO [22:00:35.774] Benchmark with 5 resampling iterations
## INFO [22:00:35.774] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:36.277] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:36.824] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:37.355] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:37.892] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:38.405] Finished benchmark
## INFO [22:00:38.421] Result of batch 39:
## INFO [22:00:38.421] k AUC
## INFO [22:00:38.421] 6 1
## INFO [22:00:38.421] 39 configurations evaluated
## INFO [22:00:38.436] Evaluating 1 configurations
## INFO [22:00:38.436] k
## INFO [22:00:38.436] 36
## INFO [22:00:38.452] Benchmark with 5 resampling iterations
## INFO [22:00:38.452] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:39.205] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:39.971] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:40.770] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:41.524] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:42.289] Finished benchmark
## INFO [22:00:42.305] Result of batch 40:
## INFO [22:00:42.305] k AUC
## INFO [22:00:42.305] 36 1
## INFO [22:00:42.305] 40 configurations evaluated
## INFO [22:00:42.321] Evaluating 1 configurations
## INFO [22:00:42.321] k
## INFO [22:00:42.321] 17
## INFO [22:00:42.336] Benchmark with 5 resampling iterations
## INFO [22:00:42.352] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:42.968] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:43.605] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:44.234] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:44.855] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:45.481] Finished benchmark
## INFO [22:00:45.481] Result of batch 41:
## INFO [22:00:45.497] k AUC
## INFO [22:00:45.497] 17 1
## INFO [22:00:45.497] 41 configurations evaluated
## INFO [22:00:45.497] Evaluating 1 configurations
## INFO [22:00:45.512] k
## INFO [22:00:45.512] 30
## INFO [22:00:45.528] Benchmark with 5 resampling iterations
## INFO [22:00:45.528] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:46.247] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:46.981] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:00:47.737] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:48.472] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:49.206] Finished benchmark
## INFO [22:00:49.222] Result of batch 42:
## INFO [22:00:49.222]   k AUC
## INFO [22:00:49.222] 30   1
## INFO [22:00:49.222] 42 configurations evaluated
## INFO [22:00:49.238] Evaluating 1 configurations
## INFO [22:00:49.238]   k
## INFO [22:00:49.238] 27
## INFO [22:00:49.253] Benchmark with 5 resampling iterations
## INFO [22:00:49.253] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:49.947] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:50.662] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:51.353] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:52.072] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:52.779] Finished benchmark
## INFO [22:00:52.795] Result of batch 43:
## INFO [22:00:52.795]   k AUC
## INFO [22:00:52.795] 27   1
## INFO [22:00:52.795] 43 configurations evaluated
## INFO [22:00:52.810] Evaluating 1 configurations
## INFO [22:00:52.810]   k
## INFO [22:00:52.810] 31
## INFO [22:00:52.826] Benchmark with 5 resampling iterations
## INFO [22:00:52.826] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:53.547] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:54.281] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:55.394] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:00:56.116] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:00:56.866] Finished benchmark
## INFO [22:00:56.882] Result of batch 44:
## INFO [22:00:56.882]   k AUC
## INFO [22:00:56.882] 31   1
## INFO [22:00:56.882] 44 configurations evaluated
## INFO [22:00:56.898] Evaluating 1 configurations
## INFO [22:00:56.898]   k
## INFO [22:00:56.898] 38
## INFO [22:00:56.913] Benchmark with 5 resampling iterations
## INFO [22:00:56.913] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:00:57.663] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:00:58.445] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:00:59.226] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:00.015] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:00.779] Finished benchmark
## INFO [22:01:00.795] Result of batch 45:
## INFO [22:01:00.811]   k AUC
## INFO [22:01:00.811] 38   1
## INFO [22:01:00.811] 45 configurations evaluated
## INFO [22:01:00.811] Evaluating 1 configurations
## INFO [22:01:00.826]   k
## INFO [22:01:00.826] 37
## INFO [22:01:00.842] Benchmark with 5 resampling iterations
## INFO [22:01:00.842] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:01:01.592] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:02.395] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:03.173] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:03.957] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:04.723] Finished benchmark
## INFO [22:01:04.739] Result of batch 46:
## INFO [22:01:04.739]   k AUC
## INFO [22:01:04.739] 37   1
## INFO [22:01:04.739] 46 configurations evaluated
## INFO [22:01:04.754] Evaluating 1 configurations
## INFO [22:01:04.754]   k
## INFO [22:01:04.754]   4
## INFO [22:01:04.770] Benchmark with 5 resampling iterations
## INFO [22:01:04.786] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:05.301] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:05.808] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:06.323] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:06.823] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:07.330] Finished benchmark
## INFO [22:01:07.345] Result of batch 47:
## INFO [22:01:07.361]   k AUC
## INFO [22:01:07.361]   4   1
## INFO [22:01:07.361] 47 configurations evaluated
## INFO [22:01:07.361] Evaluating 1 configurations
## INFO [22:01:07.377]   k
## INFO [22:01:07.377]  16
## INFO [22:01:07.392] Benchmark with 5 resampling iterations
## INFO [22:01:07.392] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:07.983] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:08.611] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:09.220] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:09.853] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:10.450] Finished benchmark
## INFO [22:01:10.465] Result of batch 48:
## INFO [22:01:10.465]   k AUC
## INFO [22:01:10.465]  16   1
## INFO [22:01:10.465] 48 configurations evaluated
## INFO [22:01:10.481] Evaluating 1 configurations
## INFO [22:01:10.481]   k
## INFO [22:01:10.481]  32
## INFO [22:01:10.497] Benchmark with 5 resampling iterations
## INFO [22:01:10.497] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:11.234] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:11.969] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:12.709] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:13.460] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:14.210] Finished benchmark
## INFO [22:01:14.226] Result of batch 49:
## INFO [22:01:14.230]   k AUC
## INFO [22:01:14.230]  32   1
## INFO [22:01:14.231] 49 configurations evaluated
## INFO [22:01:14.238] Evaluating 1 configurations
## INFO [22:01:14.238]   k
## INFO [22:01:14.238]  34

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## INFO [22:01:14.254] Benchmark with 5 resampling iterations
## INFO [22:01:14.254] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:14.995] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:15.792] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:16.526] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:17.307] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:18.058] Finished benchmark
## INFO [22:01:18.074] Result of batch 50:
## INFO [22:01:18.074]   k AUC
## INFO [22:01:18.074] 34   1
## INFO [22:01:18.074] 50 configurations evaluated
## INFO [22:01:18.090] Finished tuning after 50 evals
## INFO [22:01:18.293] Tuned x: k=1
## INFO [22:01:18.293] Tuned y: AUC=1
## INFO [22:01:18.652] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 2/10)
## INFO [22:01:18.683] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:01:18.683] Terminator settings: n_evals=50
## INFO [22:01:18.699] Evaluating 1 configurations
## INFO [22:01:18.699]   k
## INFO [22:01:18.699] 37
## INFO [22:01:18.715] Benchmark with 5 resampling iterations
## INFO [22:01:18.715] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:19.480] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:20.259] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:21.027] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:21.824] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:22.637] Finished benchmark
## INFO [22:01:22.652] Result of batch 1:
## INFO [22:01:22.652]   k AUC
## INFO [22:01:22.652] 37   1
## INFO [22:01:22.652] 1 configurations evaluated
## INFO [22:01:22.668] Evaluating 1 configurations
## INFO [22:01:22.668]   k
## INFO [22:01:22.668] 29
## INFO [22:01:22.684] Benchmark with 5 resampling iterations
## INFO [22:01:22.684] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:23.390] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:24.143] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:24.862] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:25.612] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:26.738] Finished benchmark
## INFO [22:01:26.753] Result of batch 2:
## INFO [22:01:26.753]   k AUC
## INFO [22:01:26.753] 29   1
## INFO [22:01:26.753] 2 configurations evaluated
## INFO [22:01:26.769] Evaluating 1 configurations
## INFO [22:01:26.769]   k
## INFO [22:01:26.769] 40
## INFO [22:01:26.785] Benchmark with 5 resampling iterations
## INFO [22:01:26.785] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:27.566] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:28.365] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:29.150] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:29.963] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:01:30.798] Finished benchmark
## INFO [22:01:30.813] Result of batch 3:
## INFO [22:01:30.813]   k AUC
## INFO [22:01:30.813] 40   1
## INFO [22:01:30.813] 3 configurations evaluated
## INFO [22:01:30.829] Evaluating 1 configurations
## INFO [22:01:30.829]   k
## INFO [22:01:30.829] 30
## INFO [22:01:30.844] Benchmark with 5 resampling iterations
## INFO [22:01:30.844] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:31.563] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:32.297] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:33.032] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:33.782] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:34.536] Finished benchmark
## INFO [22:01:34.552] Result of batch 4:
## INFO [22:01:34.552]   k AUC
## INFO [22:01:34.552] 30   1
## INFO [22:01:34.552] 4 configurations evaluated
## INFO [22:01:34.567] Evaluating 1 configurations
## INFO [22:01:34.567]   k
## INFO [22:01:34.567] 19
## INFO [22:01:34.583] Benchmark with 5 resampling iterations
## INFO [22:01:34.583] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:35.196] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:35.856] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:36.485] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:37.138] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:37.798] Finished benchmark
## INFO [22:01:37.813] Result of batch 5:
## INFO [22:01:37.813]   k AUC
## INFO [22:01:37.813] 19   1
## INFO [22:01:37.813] 5 configurations evaluated
## INFO [22:01:37.829] Evaluating 1 configurations
## INFO [22:01:37.829]   k
## INFO [22:01:37.829] 11
## INFO [22:01:37.845] Benchmark with 5 resampling iterations
## INFO [22:01:37.845] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:38.392] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:38.961] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:39.505] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:40.117] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:40.681] Finished benchmark
## INFO [22:01:40.697] Result of batch 6:
## INFO [22:01:40.697]   k AUC
## INFO [22:01:40.697] 11   1
## INFO [22:01:40.697] 6 configurations evaluated
## INFO [22:01:40.712] Evaluating 1 configurations
## INFO [22:01:40.712]   k
## INFO [22:01:40.712] 35
## INFO [22:01:40.728] Benchmark with 5 resampling iterations
## INFO [22:01:40.728] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:41.476] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:42.242] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:01:43.023] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:43.804] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:44.586] Finished benchmark
## INFO [22:01:44.602] Result of batch 7:
## INFO [22:01:44.602]   k AUC
## INFO [22:01:44.602] 35   1
## INFO [22:01:44.602] 7 configurations evaluated
## INFO [22:01:44.617] Evaluating 1 configurations
## INFO [22:01:44.617]   k
## INFO [22:01:44.617] 10
## INFO [22:01:44.648] Benchmark with 5 resampling iterations
## INFO [22:01:44.648] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:45.180] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:45.749] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:46.296] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:46.871] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:47.452] Finished benchmark
## INFO [22:01:47.468] Result of batch 8:
## INFO [22:01:47.468]   k AUC
## INFO [22:01:47.468] 10   1
## INFO [22:01:47.468] 8 configurations evaluated
## INFO [22:01:47.483] Evaluating 1 configurations
## INFO [22:01:47.483]   k
## INFO [22:01:47.483] 1
## INFO [22:01:47.499] Benchmark with 5 resampling iterations
## INFO [22:01:47.499] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:47.968] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:48.458] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:48.911] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:49.409] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:49.881] Finished benchmark
## INFO [22:01:49.896] Result of batch 9:
## INFO [22:01:49.896]   k AUC
## INFO [22:01:49.896] 1   1
## INFO [22:01:49.912] 9 configurations evaluated
## INFO [22:01:49.912] Evaluating 1 configurations
## INFO [22:01:49.912]   k
## INFO [22:01:49.912] 50
## INFO [22:01:49.943] Benchmark with 5 resampling iterations
## INFO [22:01:49.943] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:50.777] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:51.662] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:52.512] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:53.398] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:54.293] Finished benchmark
## INFO [22:01:54.308] Result of batch 10:
## INFO [22:01:54.308]   k      AUC
## INFO [22:01:54.308] 50 0.9999955
## INFO [22:01:54.308] 10 configurations evaluated
## INFO [22:01:54.324] Evaluating 1 configurations
## INFO [22:01:54.324]   k
## INFO [22:01:54.324] 39
## INFO [22:01:54.340] Benchmark with 5 resampling iterations
## INFO [22:01:54.340] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:01:55.096] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:56.271] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:01:57.068] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:01:57.871] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:01:58.669] Finished benchmark
## INFO [22:01:58.685] Result of batch 11:
## INFO [22:01:58.700]   k AUC
## INFO [22:01:58.700] 39   1
## INFO [22:01:58.700] 11 configurations evaluated
## INFO [22:01:58.716] Evaluating 1 configurations
## INFO [22:01:58.716]   k
## INFO [22:01:58.716] 13
## INFO [22:01:58.732] Benchmark with 5 resampling iterations
## INFO [22:01:58.732] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:01:59.310] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:01:59.888] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:00.497] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:01.113] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:01.691] Finished benchmark
## INFO [22:02:01.706] Result of batch 12:
## INFO [22:02:01.706]   k AUC
## INFO [22:02:01.706] 13   1
## INFO [22:02:01.722] 12 configurations evaluated
## INFO [22:02:01.722] Evaluating 1 configurations
## INFO [22:02:01.738]   k
## INFO [22:02:01.738] 45
## INFO [22:02:01.753] Benchmark with 5 resampling iterations
## INFO [22:02:01.753] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:02.556] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:03.412] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:04.244] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:05.079] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:05.926] Finished benchmark
## INFO [22:02:05.941] Result of batch 13:
## INFO [22:02:05.941]   k      AUC
## INFO [22:02:05.941] 45 0.9999989
## INFO [22:02:05.941] 13 configurations evaluated
## INFO [22:02:05.957] Evaluating 1 configurations
## INFO [22:02:05.957]   k
## INFO [22:02:05.957] 3
## INFO [22:02:05.981] Benchmark with 5 resampling iterations
## INFO [22:02:05.982] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:06.460] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:06.976] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:07.460] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:07.966] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:08.498] Finished benchmark
## INFO [22:02:08.514] Result of batch 14:
## INFO [22:02:08.530]   k AUC
## INFO [22:02:08.530] 3   1
## INFO [22:02:08.530] 14 configurations evaluated
## INFO [22:02:08.530] Evaluating 1 configurations
## INFO [22:02:08.545]   k
## INFO [22:02:08.545] 26

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## INFO [22:02:08.561] Benchmark with 5 resampling iterations
## INFO [22:02:08.561] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:09.233] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:09.967] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:10.661] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:11.383] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:12.102] Finished benchmark
## INFO [22:02:12.118] Result of batch 15:
## INFO [22:02:12.118]   k AUC
## INFO [22:02:12.118] 26  1
## INFO [22:02:12.118] 15 configurations evaluated
## INFO [22:02:12.133] Evaluating 1 configurations
## INFO [22:02:12.133]   k
## INFO [22:02:12.133] 46
## INFO [22:02:12.165] Benchmark with 5 resampling iterations
## INFO [22:02:12.165] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:12.983] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:13.797] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:14.640] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:15.477] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:16.351] Finished benchmark
## INFO [22:02:16.351] Result of batch 16:
## INFO [22:02:16.367]   k      AUC
## INFO [22:02:16.367] 46 0.9999989
## INFO [22:02:16.367] 16 configurations evaluated
## INFO [22:02:16.383] Evaluating 1 configurations
## INFO [22:02:16.383]   k
## INFO [22:02:16.383] 34
## INFO [22:02:16.398] Benchmark with 5 resampling iterations
## INFO [22:02:16.398] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:17.148] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:17.920] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:18.686] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:19.452] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:20.244] Finished benchmark
## INFO [22:02:20.260] Result of batch 17:
## INFO [22:02:20.260]   k AUC
## INFO [22:02:20.260] 34  1
## INFO [22:02:20.260] 17 configurations evaluated
## INFO [22:02:20.275] Evaluating 1 configurations
## INFO [22:02:20.275]   k
## INFO [22:02:20.275] 22
## INFO [22:02:20.308] Benchmark with 5 resampling iterations
## INFO [22:02:20.308] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:20.960] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:21.639] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:22.296] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:22.974] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:23.662] Finished benchmark
## INFO [22:02:23.662] Result of batch 18:
## INFO [22:02:23.677]   k AUC
## INFO [22:02:23.677] 22  1
## INFO [22:02:23.677] 18 configurations evaluated
## INFO [22:02:23.693] Evaluating 1 configurations

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## INFO [22:02:23.693] k
## INFO [22:02:23.693] 23
## INFO [22:02:23.709] Benchmark with 5 resampling iterations
## INFO [22:02:23.709] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:24.396] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:25.074] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:26.106] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:26.794] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:27.497] Finished benchmark
## INFO [22:02:27.512] Result of batch 19:
## INFO [22:02:27.512] k AUC
## INFO [22:02:27.512] 23 1
## INFO [22:02:27.512] 19 configurations evaluated
## INFO [22:02:27.528] Evaluating 1 configurations
## INFO [22:02:27.528] k
## INFO [22:02:27.528] 44
## INFO [22:02:27.549] Benchmark with 5 resampling iterations
## INFO [22:02:27.550] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:28.325] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:29.175] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:29.988] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:30.804] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:31.651] Finished benchmark
## INFO [22:02:31.667] Result of batch 20:
## INFO [22:02:31.667] k AUC
## INFO [22:02:31.667] 44 0.9999989
## INFO [22:02:31.667] 20 configurations evaluated
## INFO [22:02:31.682] Evaluating 1 configurations
## INFO [22:02:31.682] k
## INFO [22:02:31.682] 27
## INFO [22:02:31.698] Benchmark with 5 resampling iterations
## INFO [22:02:31.698] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:32.401] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:33.122] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:33.814] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:34.517] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:35.251] Finished benchmark
## INFO [22:02:35.267] Result of batch 21:
## INFO [22:02:35.267] k AUC
## INFO [22:02:35.267] 27 1
## INFO [22:02:35.267] 21 configurations evaluated
## INFO [22:02:35.283] Evaluating 1 configurations
## INFO [22:02:35.283] k
## INFO [22:02:35.283] 43
## INFO [22:02:35.298] Benchmark with 5 resampling iterations
## INFO [22:02:35.298] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:36.095] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:36.923] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:37.726] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:38.568] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:39.383] Finished benchmark
## INFO [22:02:39.399] Result of batch 22:
## INFO [22:02:39.414] k AUC
## INFO [22:02:39.414] 43 0.9999989

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## INFO [22:02:39.414] 22 configurations evaluated
## INFO [22:02:39.430] Evaluating 1 configurations
## INFO [22:02:39.430] k
## INFO [22:02:39.430] 4
## INFO [22:02:39.445] Benchmark with 5 resampling iterations
## INFO [22:02:39.445] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:39.945] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:40.464] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:40.976] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:41.499] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:42.014] Finished benchmark
## INFO [22:02:42.030] Result of batch 23:
## INFO [22:02:42.030] k AUC
## INFO [22:02:42.030] 4 1
## INFO [22:02:42.030] 23 configurations evaluated
## INFO [22:02:42.046] Evaluating 1 configurations
## INFO [22:02:42.046] k
## INFO [22:02:42.046] 7
## INFO [22:02:42.061] Benchmark with 5 resampling iterations
## INFO [22:02:42.061] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:42.583] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:43.142] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:43.662] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:44.225] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:44.756] Finished benchmark
## INFO [22:02:44.771] Result of batch 24:
## INFO [22:02:44.771] k AUC
## INFO [22:02:44.771] 7 1
## INFO [22:02:44.787] 24 configurations evaluated
## INFO [22:02:44.787] Evaluating 1 configurations
## INFO [22:02:44.803] k
## INFO [22:02:44.803] 32
## INFO [22:02:44.818] Benchmark with 5 resampling iterations
## INFO [22:02:44.818] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:45.533] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:46.315] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:47.049] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:47.805] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:48.567] Finished benchmark
## INFO [22:02:48.583] Result of batch 25:
## INFO [22:02:48.583] k AUC
## INFO [22:02:48.583] 32 1
## INFO [22:02:48.583] 25 configurations evaluated
## INFO [22:02:48.601] Evaluating 1 configurations
## INFO [22:02:48.603] k
## INFO [22:02:48.603] 16
## INFO [22:02:48.619] Benchmark with 5 resampling iterations
## INFO [22:02:48.619] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:49.228] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:49.838] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:50.440] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:51.078] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:51.690] Finished benchmark
## INFO [22:02:51.705] Result of batch 26:

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## INFO [22:02:51.721] k AUC
## INFO [22:02:51.721] 16 1
## INFO [22:02:51.721] 26 configurations evaluated
## INFO [22:02:51.737] Evaluating 1 configurations
## INFO [22:02:51.737] k
## INFO [22:02:51.737] 36
## INFO [22:02:51.752] Benchmark with 5 resampling iterations
## INFO [22:02:51.752] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:52.518] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:53.271] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:54.056] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:54.837] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:02:56.016] Finished benchmark
## INFO [22:02:56.032] Result of batch 27:
## INFO [22:02:56.032] k AUC
## INFO [22:02:56.032] 36 1
## INFO [22:02:56.032] 27 configurations evaluated
## INFO [22:02:56.048] Evaluating 1 configurations
## INFO [22:02:56.048] k
## INFO [22:02:56.048] 41
## INFO [22:02:56.063] Benchmark with 5 resampling iterations
## INFO [22:02:56.063] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:02:56.848] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:02:57.651] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:02:58.461] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:02:59.292] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:00.120] Finished benchmark
## INFO [22:03:00.142] Result of batch 28:
## INFO [22:03:00.142] k AUC
## INFO [22:03:00.142] 41 1
## INFO [22:03:00.142] 28 configurations evaluated
## INFO [22:03:00.158] Evaluating 1 configurations
## INFO [22:03:00.158] k
## INFO [22:03:00.158] 5
## INFO [22:03:00.173] Benchmark with 5 resampling iterations
## INFO [22:03:00.173] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:00.686] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:01.220] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:01.736] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:02.283] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:02.805] Finished benchmark
## INFO [22:03:02.820] Result of batch 29:
## INFO [22:03:02.820] k AUC
## INFO [22:03:02.820] 5 1
## INFO [22:03:02.820] 29 configurations evaluated
## INFO [22:03:02.836] Evaluating 1 configurations
## INFO [22:03:02.836] k
## INFO [22:03:02.836] 33
## INFO [22:03:02.852] Benchmark with 5 resampling iterations
## INFO [22:03:02.852] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:03.583] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:04.336] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:05.102] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:05.856] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:03:06.624] Finished benchmark
## INFO [22:03:06.640] Result of batch 30:
## INFO [22:03:06.640]   k AUC
## INFO [22:03:06.640] 33   1
## INFO [22:03:06.640] 30 configurations evaluated
## INFO [22:03:06.656] Evaluating 1 configurations
## INFO [22:03:06.656]   k
## INFO [22:03:06.656] 17
## INFO [22:03:06.671] Benchmark with 5 resampling iterations
## INFO [22:03:06.671] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:07.281] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:07.918] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:08.528] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:09.180] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:09.809] Finished benchmark
## INFO [22:03:09.824] Result of batch 31:
## INFO [22:03:09.824]   k AUC
## INFO [22:03:09.824] 17   1
## INFO [22:03:09.840] 31 configurations evaluated
## INFO [22:03:09.840] Evaluating 1 configurations
## INFO [22:03:09.856]   k
## INFO [22:03:09.856] 31
## INFO [22:03:09.871] Benchmark with 5 resampling iterations
## INFO [22:03:09.871] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:10.606] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:11.347] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:12.079] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:12.816] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:13.566] Finished benchmark
## INFO [22:03:13.582] Result of batch 32:
## INFO [22:03:13.597]   k AUC
## INFO [22:03:13.597] 31   1
## INFO [22:03:13.597] 32 configurations evaluated
## INFO [22:03:13.597] Evaluating 1 configurations
## INFO [22:03:13.613]   k
## INFO [22:03:13.613] 49
## INFO [22:03:13.629] Benchmark with 5 resampling iterations
## INFO [22:03:13.629] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:14.485] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:15.348] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:16.198] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:17.070] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:17.948] Finished benchmark
## INFO [22:03:17.963] Result of batch 33:
## INFO [22:03:17.963]   k      AUC
## INFO [22:03:17.963] 49 0.9999977
## INFO [22:03:17.963] 33 configurations evaluated
## INFO [22:03:17.979] Evaluating 1 configurations
## INFO [22:03:17.979]   k
## INFO [22:03:17.979] 12
## INFO [22:03:17.995] Benchmark with 5 resampling iterations
## INFO [22:03:17.995] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:18.542] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:19.142] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:03:19.704] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:20.314] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:20.892] Finished benchmark
## INFO [22:03:20.908] Result of batch 34:
## INFO [22:03:20.908]   k AUC
## INFO [22:03:20.908] 12   1
## INFO [22:03:20.908] 34 configurations evaluated
## INFO [22:03:20.923] Evaluating 1 configurations
## INFO [22:03:20.923]   k
## INFO [22:03:20.923]   2
## INFO [22:03:20.939] Benchmark with 5 resampling iterations
## INFO [22:03:20.939] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:21.423] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:21.908] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:22.392] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:23.282] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:23.764] Finished benchmark
## INFO [22:03:23.779] Result of batch 35:
## INFO [22:03:23.779]   k AUC
## INFO [22:03:23.779]   2   1
## INFO [22:03:23.779] 35 configurations evaluated
## INFO [22:03:23.795] Evaluating 1 configurations
## INFO [22:03:23.795]   k
## INFO [22:03:23.795]  42
## INFO [22:03:23.826] Benchmark with 5 resampling iterations
## INFO [22:03:23.826] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:24.626] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:25.423] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:26.239] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:27.055] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:27.899] Finished benchmark
## INFO [22:03:27.914] Result of batch 36:
## INFO [22:03:27.914]   k      AUC
## INFO [22:03:27.914] 42 0.9999989
## INFO [22:03:27.914] 36 configurations evaluated
## INFO [22:03:27.930] Evaluating 1 configurations
## INFO [22:03:27.930]   k
## INFO [22:03:27.930]  14
## INFO [22:03:27.946] Benchmark with 5 resampling iterations
## INFO [22:03:27.946] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:28.530] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:29.136] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:29.717] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:30.342] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:30.936] Finished benchmark
## INFO [22:03:30.952] Result of batch 37:
## INFO [22:03:30.952]   k AUC
## INFO [22:03:30.952] 14   1
## INFO [22:03:30.952] 37 configurations evaluated
## INFO [22:03:30.967] Evaluating 1 configurations
## INFO [22:03:30.967]   k
## INFO [22:03:30.967]   9
## INFO [22:03:30.999] Benchmark with 5 resampling iterations
## INFO [22:03:30.999] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:03:31.530] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:32.083] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:32.627] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:33.177] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:33.755] Finished benchmark
## INFO [22:03:33.771] Result of batch 38:
## INFO [22:03:33.771] k AUC
## INFO [22:03:33.771] 9 1
## INFO [22:03:33.771] 38 configurations evaluated
## INFO [22:03:33.786] Evaluating 1 configurations
## INFO [22:03:33.786] k
## INFO [22:03:33.786] 24
## INFO [22:03:33.802] Benchmark with 5 resampling iterations
## INFO [22:03:33.802] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:34.458] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:35.161] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:35.836] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:36.527] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:37.230] Finished benchmark
## INFO [22:03:37.230] Result of batch 39:
## INFO [22:03:37.246] k AUC
## INFO [22:03:37.246] 24 1
## INFO [22:03:37.246] 39 configurations evaluated
## INFO [22:03:37.262] Evaluating 1 configurations
## INFO [22:03:37.262] k
## INFO [22:03:37.262] 38
## INFO [22:03:37.277] Benchmark with 5 resampling iterations
## INFO [22:03:37.277] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:38.065] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:38.831] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:39.628] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:40.431] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:41.225] Finished benchmark
## INFO [22:03:41.241] Result of batch 40:
## INFO [22:03:41.256] k AUC
## INFO [22:03:41.256] 38 1
## INFO [22:03:41.256] 40 configurations evaluated
## INFO [22:03:41.272] Evaluating 1 configurations
## INFO [22:03:41.272] k
## INFO [22:03:41.272] 48
## INFO [22:03:41.290] Benchmark with 5 resampling iterations
## INFO [22:03:41.290] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:42.103] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:42.953] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:43.827] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:44.718] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:45.955] Finished benchmark
## INFO [22:03:45.971] Result of batch 41:
## INFO [22:03:45.971] k AUC
## INFO [22:03:45.971] 48 0.9999989
## INFO [22:03:45.987] 41 configurations evaluated
## INFO [22:03:45.987] Evaluating 1 configurations
## INFO [22:03:46.002] k
## INFO [22:03:46.002] 47

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## INFO [22:03:46.018] Benchmark with 5 resampling iterations
## INFO [22:03:46.018] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:46.819] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:47.663] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:48.509] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:49.373] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:50.216] Finished benchmark
## INFO [22:03:50.232] Result of batch 42:
## INFO [22:03:50.232]   k      AUC
## INFO [22:03:50.232] 47 0.9999989
## INFO [22:03:50.248] 42 configurations evaluated
## INFO [22:03:50.248] Evaluating 1 configurations
## INFO [22:03:50.248]   k
## INFO [22:03:50.248] 6
## INFO [22:03:50.279] Benchmark with 5 resampling iterations
## INFO [22:03:50.279] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:50.785] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:51.333] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:51.864] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:52.411] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:52.933] Finished benchmark
## INFO [22:03:52.948] Result of batch 43:
## INFO [22:03:52.948]   k AUC
## INFO [22:03:52.948] 6 1
## INFO [22:03:52.948] 43 configurations evaluated
## INFO [22:03:52.964] Evaluating 1 configurations
## INFO [22:03:52.964]   k
## INFO [22:03:52.964] 28
## INFO [22:03:52.995] Benchmark with 5 resampling iterations
## INFO [22:03:52.995] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:54.074] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:54.792] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:55.503] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:56.234] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:03:56.955] Finished benchmark
## INFO [22:03:56.971] Result of batch 44:
## INFO [22:03:56.971]   k AUC
## INFO [22:03:56.971] 28 1
## INFO [22:03:56.971] 44 configurations evaluated
## INFO [22:03:56.987] Evaluating 1 configurations
## INFO [22:03:56.987]   k
## INFO [22:03:56.987] 21
## INFO [22:03:57.002] Benchmark with 5 resampling iterations
## INFO [22:03:57.002] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:03:57.643] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:03:58.321] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:03:58.978] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:03:59.634] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:00.340] Finished benchmark
## INFO [22:04:00.343] Result of batch 45:
## INFO [22:04:00.343]   k AUC
## INFO [22:04:00.343] 21 1
## INFO [22:04:00.359] 45 configurations evaluated
## INFO [22:04:00.359] Evaluating 1 configurations

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## INFO [22:04:00.375] k
## INFO [22:04:00.375] 25
## INFO [22:04:00.390] Benchmark with 5 resampling iterations
## INFO [22:04:00.390] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:01.079] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:01.785] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:02.457] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:03.166] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:03.870] Finished benchmark
## INFO [22:04:03.886] Result of batch 46:
## INFO [22:04:03.886] k AUC
## INFO [22:04:03.886] 25 1
## INFO [22:04:03.886] 46 configurations evaluated
## INFO [22:04:03.901] Evaluating 1 configurations
## INFO [22:04:03.901] k
## INFO [22:04:03.901] 18
## INFO [22:04:03.917] Benchmark with 5 resampling iterations
## INFO [22:04:03.932] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:04.557] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:05.198] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:05.820] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:06.476] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:07.113] Finished benchmark
## INFO [22:04:07.129] Result of batch 47:
## INFO [22:04:07.129] k AUC
## INFO [22:04:07.129] 18 1
## INFO [22:04:07.129] 47 configurations evaluated
## INFO [22:04:07.145] Evaluating 1 configurations
## INFO [22:04:07.145] k
## INFO [22:04:07.145] 8
## INFO [22:04:07.176] Benchmark with 5 resampling iterations
## INFO [22:04:07.176] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:07.710] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:08.257] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:08.804] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:09.375] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:09.920] Finished benchmark
## INFO [22:04:09.935] Result of batch 48:
## INFO [22:04:09.935] k AUC
## INFO [22:04:09.935] 8 1
## INFO [22:04:09.935] 48 configurations evaluated
## INFO [22:04:09.951] Evaluating 1 configurations
## INFO [22:04:09.951] k
## INFO [22:04:09.951] 20
## INFO [22:04:09.966] Benchmark with 5 resampling iterations
## INFO [22:04:09.966] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:10.603] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:11.259] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:11.888] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:12.563] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:13.234] Finished benchmark
## INFO [22:04:13.266] Result of batch 49:
## INFO [22:04:13.266] k AUC
## INFO [22:04:13.266] 20 1

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## INFO [22:04:13.266] 49 configurations evaluated
## INFO [22:04:13.281] Evaluating 1 configurations
## INFO [22:04:13.281] k
## INFO [22:04:13.281] 15
## INFO [22:04:13.297] Benchmark with 5 resampling iterations
## INFO [22:04:13.297] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:13.881] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:14.487] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:15.085] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:15.707] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:16.300] Finished benchmark
## INFO [22:04:16.316] Result of batch 50:
## INFO [22:04:16.331] k AUC
## INFO [22:04:16.331] 15 1
## INFO [22:04:16.331] 50 configurations evaluated
## INFO [22:04:16.331] Finished tuning after 50 evals
## INFO [22:04:16.525] Tuned x: k=15
## INFO [22:04:16.525] Tuned y: AUC=1
## INFO [22:04:17.007] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 3/10)
## INFO [22:04:17.022] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:04:17.038] Terminator settings: n_evals=50
## INFO [22:04:17.038] Evaluating 1 configurations
## INFO [22:04:17.038] k
## INFO [22:04:17.038] 39
## INFO [22:04:17.054] Benchmark with 5 resampling iterations
## INFO [22:04:17.054] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:17.838] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:18.635] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:19.420] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:20.236] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:21.033] Finished benchmark
## INFO [22:04:21.048] Result of batch 1:
## INFO [22:04:21.048] k AUC
## INFO [22:04:21.048] 39 0.9999989
## INFO [22:04:21.048] 1 configurations evaluated
## INFO [22:04:21.064] Evaluating 1 configurations
## INFO [22:04:21.064] k
## INFO [22:04:21.064] 18
## INFO [22:04:21.080] Benchmark with 5 resampling iterations
## INFO [22:04:21.080] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:21.711] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:22.364] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:22.976] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:23.633] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:24.279] Finished benchmark
## INFO [22:04:24.295] Result of batch 2:
## INFO [22:04:24.295] k AUC
## INFO [22:04:24.295] 18 1
## INFO [22:04:24.295] 2 configurations evaluated
## INFO [22:04:24.311] Evaluating 1 configurations
## INFO [22:04:24.311] k
## INFO [22:04:24.311] 2
## INFO [22:04:24.326] Benchmark with 5 resampling iterations
## INFO [22:04:24.342] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:04:25.201] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:25.686] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:26.186] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:26.676] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:27.173] Finished benchmark
## INFO [22:04:27.188] Result of batch 3:
## INFO [22:04:27.188]   k AUC
## INFO [22:04:27.188]   2   1
## INFO [22:04:27.188] 3 configurations evaluated
## INFO [22:04:27.204] Evaluating 1 configurations
## INFO [22:04:27.204]   k
## INFO [22:04:27.204]  14
## INFO [22:04:27.219] Benchmark with 5 resampling iterations
## INFO [22:04:27.219] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:27.802] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:28.427] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:29.011] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:29.630] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:30.230] Finished benchmark
## INFO [22:04:30.246] Result of batch 4:
## INFO [22:04:30.246]   k AUC
## INFO [22:04:30.246]  14   1
## INFO [22:04:30.246] 4 configurations evaluated
## INFO [22:04:30.261] Evaluating 1 configurations
## INFO [22:04:30.261]   k
## INFO [22:04:30.261]   9
## INFO [22:04:30.277] Benchmark with 5 resampling iterations
## INFO [22:04:30.277] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:30.816] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:31.363] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:31.941] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:32.494] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:33.041] Finished benchmark
## INFO [22:04:33.057] Result of batch 5:
## INFO [22:04:33.057]   k AUC
## INFO [22:04:33.057]   9   1
## INFO [22:04:33.073] 5 configurations evaluated
## INFO [22:04:33.073] Evaluating 1 configurations
## INFO [22:04:33.088]   k
## INFO [22:04:33.088]  26
## INFO [22:04:33.104] Benchmark with 5 resampling iterations
## INFO [22:04:33.104] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:33.791] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:34.482] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:35.189] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:35.939] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:36.632] Finished benchmark
## INFO [22:04:36.648] Result of batch 6:
## INFO [22:04:36.648]   k AUC
## INFO [22:04:36.648]  26   1
## INFO [22:04:36.648] 6 configurations evaluated
## INFO [22:04:36.664] Evaluating 1 configurations
## INFO [22:04:36.664]   k
## INFO [22:04:36.664]  31

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## INFO [22:04:36.679] Benchmark with 5 resampling iterations
## INFO [22:04:36.679] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:37.410] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:38.132] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:38.882] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:39.636] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:40.389] Finished benchmark
## INFO [22:04:40.405] Result of batch 7:
## INFO [22:04:40.405]   k AUC
## INFO [22:04:40.405] 31   1
## INFO [22:04:40.405] 7 configurations evaluated
## INFO [22:04:40.420] Evaluating 1 configurations
## INFO [22:04:40.420]   k
## INFO [22:04:40.420]   3
## INFO [22:04:40.436] Benchmark with 5 resampling iterations
## INFO [22:04:40.436] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:40.915] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:41.440] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:41.937] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:42.437] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:42.952] Finished benchmark
## INFO [22:04:42.968] Result of batch 8:
## INFO [22:04:42.968]   k AUC
## INFO [22:04:42.968]  3   1
## INFO [22:04:42.968] 8 configurations evaluated
## INFO [22:04:42.983] Evaluating 1 configurations
## INFO [22:04:42.983]   k
## INFO [22:04:42.983]  12
## INFO [22:04:42.999] Benchmark with 5 resampling iterations
## INFO [22:04:42.999] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:43.577] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:44.162] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:44.737] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:45.318] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:46.287] Finished benchmark
## INFO [22:04:46.303] Result of batch 9:
## INFO [22:04:46.319]   k AUC
## INFO [22:04:46.319] 12   1
## INFO [22:04:46.319] 9 configurations evaluated
## INFO [22:04:46.319] Evaluating 1 configurations
## INFO [22:04:46.334]   k
## INFO [22:04:46.334]  34
## INFO [22:04:46.350] Benchmark with 5 resampling iterations
## INFO [22:04:46.350] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:47.080] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:47.835] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:48.616] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:49.372] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:50.123] Finished benchmark
## INFO [22:04:50.139] Result of batch 10:
## INFO [22:04:50.139]   k AUC
## INFO [22:04:50.139] 34   1
## INFO [22:04:50.154] 10 configurations evaluated
## INFO [22:04:50.154] Evaluating 1 configurations

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## INFO [22:04:50.170] k
## INFO [22:04:50.170] 4
## INFO [22:04:50.185] Benchmark with 5 resampling iterations
## INFO [22:04:50.185] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:50.701] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:51.216] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:51.722] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:52.250] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:52.754] Finished benchmark
## INFO [22:04:52.770] Result of batch 11:
## INFO [22:04:52.770] k AUC
## INFO [22:04:52.770] 4 1
## INFO [22:04:52.770] 11 configurations evaluated
## INFO [22:04:52.785] Evaluating 1 configurations
## INFO [22:04:52.785] k
## INFO [22:04:52.785] 40
## INFO [22:04:52.801] Benchmark with 5 resampling iterations
## INFO [22:04:52.801] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:53.598] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:54.401] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:55.198] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:56.030] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:04:56.795] Finished benchmark
## INFO [22:04:56.811] Result of batch 12:
## INFO [22:04:56.811] k AUC
## INFO [22:04:56.811] 40 0.9999989
## INFO [22:04:56.827] 12 configurations evaluated
## INFO [22:04:56.827] Evaluating 1 configurations
## INFO [22:04:56.842] k
## INFO [22:04:56.842] 21
## INFO [22:04:56.858] Benchmark with 5 resampling iterations
## INFO [22:04:56.858] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:04:57.515] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:04:58.186] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:04:58.827] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:04:59.490] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:00.177] Finished benchmark
## INFO [22:05:00.193] Result of batch 13:
## INFO [22:05:00.193] k AUC
## INFO [22:05:00.193] 21 1
## INFO [22:05:00.193] 13 configurations evaluated
## INFO [22:05:00.209] Evaluating 1 configurations
## INFO [22:05:00.209] k
## INFO [22:05:00.209] 16
## INFO [22:05:00.224] Benchmark with 5 resampling iterations
## INFO [22:05:00.224] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:00.849] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:01.471] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:02.083] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:02.705] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:03.336] Finished benchmark
## INFO [22:05:03.352] Result of batch 14:
## INFO [22:05:03.352] k AUC
## INFO [22:05:03.352] 16 1

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## INFO [22:05:03.352] 14 configurations evaluated
## INFO [22:05:03.367] Evaluating 1 configurations
## INFO [22:05:03.367] k
## INFO [22:05:03.367] 33
## INFO [22:05:03.383] Benchmark with 5 resampling iterations
## INFO [22:05:03.383] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:04.148] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:04.883] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:05.640] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:06.387] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:07.156] Finished benchmark
## INFO [22:05:07.171] Result of batch 15:
## INFO [22:05:07.171] k AUC
## INFO [22:05:07.171] 33 1
## INFO [22:05:07.171] 15 configurations evaluated
## INFO [22:05:07.187] Evaluating 1 configurations
## INFO [22:05:07.187] k
## INFO [22:05:07.187] 47
## INFO [22:05:07.203] Benchmark with 5 resampling iterations
## INFO [22:05:07.203] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:08.021] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:08.846] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:09.736] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:10.988] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:11.817] Finished benchmark
## INFO [22:05:11.832] Result of batch 16:
## INFO [22:05:11.832] k AUC
## INFO [22:05:11.832] 47 0.9999989
## INFO [22:05:11.832] 16 configurations evaluated
## INFO [22:05:11.848] Evaluating 1 configurations
## INFO [22:05:11.848] k
## INFO [22:05:11.848] 22
## INFO [22:05:11.863] Benchmark with 5 resampling iterations
## INFO [22:05:11.863] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:12.535] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:13.214] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:13.870] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:14.542] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:15.198] Finished benchmark
## INFO [22:05:15.213] Result of batch 17:
## INFO [22:05:15.213] k AUC
## INFO [22:05:15.213] 22 1
## INFO [22:05:15.213] 17 configurations evaluated
## INFO [22:05:15.229] Evaluating 1 configurations
## INFO [22:05:15.229] k
## INFO [22:05:15.229] 32
## INFO [22:05:15.260] Benchmark with 5 resampling iterations
## INFO [22:05:15.260] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:16.011] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:16.745] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:17.486] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:18.251] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:19.001] Finished benchmark
## INFO [22:05:19.017] Result of batch 18:

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## INFO [22:05:19.017] k AUC
## INFO [22:05:19.017] 32 1
## INFO [22:05:19.017] 18 configurations evaluated
## INFO [22:05:19.032] Evaluating 1 configurations
## INFO [22:05:19.032] k
## INFO [22:05:19.032] 35
## INFO [22:05:19.048] Benchmark with 5 resampling iterations
## INFO [22:05:19.048] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:19.788] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:20.561] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:21.352] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:22.108] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:22.904] Finished benchmark
## INFO [22:05:22.920] Result of batch 19:
## INFO [22:05:22.920] k AUC
## INFO [22:05:22.920] 35 1
## INFO [22:05:22.920] 19 configurations evaluated
## INFO [22:05:22.935] Evaluating 1 configurations
## INFO [22:05:22.935] k
## INFO [22:05:22.935] 8
## INFO [22:05:22.951] Benchmark with 5 resampling iterations
## INFO [22:05:22.951] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:23.501] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:24.048] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:24.601] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:25.144] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:25.695] Finished benchmark
## INFO [22:05:25.711] Result of batch 20:
## INFO [22:05:25.711] k AUC
## INFO [22:05:25.711] 8 1
## INFO [22:05:25.726] 20 configurations evaluated
## INFO [22:05:25.726] Evaluating 1 configurations
## INFO [22:05:25.742] k
## INFO [22:05:25.742] 15
## INFO [22:05:25.758] Benchmark with 5 resampling iterations
## INFO [22:05:25.758] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:26.336] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:26.945] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:27.561] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:28.186] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:28.796] Finished benchmark
## INFO [22:05:28.811] Result of batch 21:
## INFO [22:05:28.811] k AUC
## INFO [22:05:28.811] 15 1
## INFO [22:05:28.811] 21 configurations evaluated
## INFO [22:05:28.831] Evaluating 1 configurations
## INFO [22:05:28.831] k
## INFO [22:05:28.831] 48
## INFO [22:05:28.846] Benchmark with 5 resampling iterations
## INFO [22:05:28.862] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:29.706] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:30.546] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:31.393] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:32.305] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:05:33.150] Finished benchmark
## INFO [22:05:33.165] Result of batch 22:
## INFO [22:05:33.165] k AUC
## INFO [22:05:33.165] 48 0.9999989
## INFO [22:05:33.165] 22 configurations evaluated
## INFO [22:05:33.181] Evaluating 1 configurations
## INFO [22:05:33.181] k
## INFO [22:05:33.181] 6
## INFO [22:05:33.196] Benchmark with 5 resampling iterations
## INFO [22:05:33.196] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:33.712] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:34.259] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:35.200] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:35.719] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:36.265] Finished benchmark
## INFO [22:05:36.281] Result of batch 23:
## INFO [22:05:36.281] k AUC
## INFO [22:05:36.281] 6 1
## INFO [22:05:36.281] 23 configurations evaluated
## INFO [22:05:36.297] Evaluating 1 configurations
## INFO [22:05:36.297] k
## INFO [22:05:36.297] 28
## INFO [22:05:36.312] Benchmark with 5 resampling iterations
## INFO [22:05:36.312] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:37.015] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:37.722] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:38.459] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:39.178] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:39.903] Finished benchmark
## INFO [22:05:39.919] Result of batch 24:
## INFO [22:05:39.919] k AUC
## INFO [22:05:39.919] 28 1
## INFO [22:05:39.919] 24 configurations evaluated
## INFO [22:05:39.934] Evaluating 1 configurations
## INFO [22:05:39.934] k
## INFO [22:05:39.934] 11
## INFO [22:05:39.950] Benchmark with 5 resampling iterations
## INFO [22:05:39.950] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:40.521] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:41.090] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:41.669] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:42.253] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:42.812] Finished benchmark
## INFO [22:05:42.827] Result of batch 25:
## INFO [22:05:42.827] k AUC
## INFO [22:05:42.827] 11 1
## INFO [22:05:42.827] 25 configurations evaluated
## INFO [22:05:42.846] Evaluating 1 configurations
## INFO [22:05:42.846] k
## INFO [22:05:42.846] 50
## INFO [22:05:42.862] Benchmark with 5 resampling iterations
## INFO [22:05:42.862] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:43.722] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:44.597] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:05:45.456] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:46.337] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:47.203] Finished benchmark
## INFO [22:05:47.218] Result of batch 26:
## INFO [22:05:47.218] k AUC
## INFO [22:05:47.218] 50 0.9999989
## INFO [22:05:47.218] 26 configurations evaluated
## INFO [22:05:47.234] Evaluating 1 configurations
## INFO [22:05:47.234] k
## INFO [22:05:47.234] 23
## INFO [22:05:47.249] Benchmark with 5 resampling iterations
## INFO [22:05:47.249] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:47.933] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:48.609] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:49.297] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:49.975] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:50.655] Finished benchmark
## INFO [22:05:50.656] Result of batch 27:
## INFO [22:05:50.672] k AUC
## INFO [22:05:50.672] 23 1
## INFO [22:05:50.672] 27 configurations evaluated
## INFO [22:05:50.672] Evaluating 1 configurations
## INFO [22:05:50.687] k
## INFO [22:05:50.687] 45
## INFO [22:05:50.703] Benchmark with 5 resampling iterations
## INFO [22:05:50.703] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:51.515] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:52.350] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:53.178] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:54.006] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:54.825] Finished benchmark
## INFO [22:05:54.841] Result of batch 28:
## INFO [22:05:54.841] k AUC
## INFO [22:05:54.841] 45 0.9999989
## INFO [22:05:54.841] 28 configurations evaluated
## INFO [22:05:54.856] Evaluating 1 configurations
## INFO [22:05:54.856] k
## INFO [22:05:54.856] 1
## INFO [22:05:54.872] Benchmark with 5 resampling iterations
## INFO [22:05:54.872] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:05:55.337] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:55.822] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:56.685] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:57.169] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:05:57.638] Finished benchmark
## INFO [22:05:57.654] Result of batch 29:
## INFO [22:05:57.669] k AUC
## INFO [22:05:57.669] 1 1
## INFO [22:05:57.672] 29 configurations evaluated
## INFO [22:05:57.682] Evaluating 1 configurations
## INFO [22:05:57.682] k
## INFO [22:05:57.682] 10
## INFO [22:05:57.697] Benchmark with 5 resampling iterations
## INFO [22:05:57.697] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:05:58.247] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:05:58.794] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:05:59.357] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:05:59.926] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:00.494] Finished benchmark
## INFO [22:06:00.509] Result of batch 30:
## INFO [22:06:00.525]   k AUC
## INFO [22:06:00.525] 10  1
## INFO [22:06:00.525] 30 configurations evaluated
## INFO [22:06:00.525] Evaluating 1 configurations
## INFO [22:06:00.540]   k
## INFO [22:06:00.540] 42
## INFO [22:06:00.556] Benchmark with 5 resampling iterations
## INFO [22:06:00.556] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:01.348] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:02.165] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:02.973] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:03.807] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:04.600] Finished benchmark
## INFO [22:06:04.616] Result of batch 31:
## INFO [22:06:04.616]   k      AUC
## INFO [22:06:04.616] 42 0.9999989
## INFO [22:06:04.616] 31 configurations evaluated
## INFO [22:06:04.631] Evaluating 1 configurations
## INFO [22:06:04.631]   k
## INFO [22:06:04.631] 5
## INFO [22:06:04.663] Benchmark with 5 resampling iterations
## INFO [22:06:04.663] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:05.182] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:05.698] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:06.235] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:06.747] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:07.299] Finished benchmark
## INFO [22:06:07.299] Result of batch 32:
## INFO [22:06:07.314]   k AUC
## INFO [22:06:07.314] 5  1
## INFO [22:06:07.314] 32 configurations evaluated
## INFO [22:06:07.330] Evaluating 1 configurations
## INFO [22:06:07.330]   k
## INFO [22:06:07.330] 36
## INFO [22:06:07.345] Benchmark with 5 resampling iterations
## INFO [22:06:07.345] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:08.095] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:08.861] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:09.655] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:10.408] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:11.227] Finished benchmark
## INFO [22:06:11.242] Result of batch 33:
## INFO [22:06:11.242]   k AUC
## INFO [22:06:11.242] 36  1
## INFO [22:06:11.242] 33 configurations evaluated
## INFO [22:06:11.258] Evaluating 1 configurations
## INFO [22:06:11.258]   k
## INFO [22:06:11.258] 29

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## INFO [22:06:11.274] Benchmark with 5 resampling iterations
## INFO [22:06:11.274] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:11.989] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:12.711] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:13.446] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:14.186] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:14.890] Finished benchmark
## INFO [22:06:14.905] Result of batch 34:
## INFO [22:06:14.905]   k AUC
## INFO [22:06:14.905] 29  1
## INFO [22:06:14.905] 34 configurations evaluated
## INFO [22:06:14.921] Evaluating 1 configurations
## INFO [22:06:14.921]   k
## INFO [22:06:14.921] 38
## INFO [22:06:14.952] Benchmark with 5 resampling iterations
## INFO [22:06:14.952] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:15.718] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:16.515] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:17.693] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:18.475] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:19.271] Finished benchmark
## INFO [22:06:19.287] Result of batch 35:
## INFO [22:06:19.287]   k AUC
## INFO [22:06:19.287] 38  1
## INFO [22:06:19.287] 35 configurations evaluated
## INFO [22:06:19.303] Evaluating 1 configurations
## INFO [22:06:19.303]   k
## INFO [22:06:19.303] 30
## INFO [22:06:19.318] Benchmark with 5 resampling iterations
## INFO [22:06:19.318] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:20.043] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:20.778] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:21.513] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:22.246] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:22.980] Finished benchmark
## INFO [22:06:22.996] Result of batch 36:
## INFO [22:06:22.996]   k AUC
## INFO [22:06:22.996] 30  1
## INFO [22:06:22.996] 36 configurations evaluated
## INFO [22:06:23.012] Evaluating 1 configurations
## INFO [22:06:23.012]   k
## INFO [22:06:23.012] 46
## INFO [22:06:23.027] Benchmark with 5 resampling iterations
## INFO [22:06:23.027] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:23.837] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:24.668] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:25.508] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:26.352] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:27.218] Finished benchmark
## INFO [22:06:27.233] Result of batch 37:
## INFO [22:06:27.233]   k      AUC
## INFO [22:06:27.233] 46 0.9999989
## INFO [22:06:27.233] 37 configurations evaluated
## INFO [22:06:27.249] Evaluating 1 configurations

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## INFO [22:06:27.249] k
## INFO [22:06:27.249] 7
## INFO [22:06:27.277] Benchmark with 5 resampling iterations
## INFO [22:06:27.277] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:27.781] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:28.327] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:28.874] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:29.412] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:29.956] Finished benchmark
## INFO [22:06:29.971] Result of batch 38:
## INFO [22:06:29.971] k AUC
## INFO [22:06:29.971] 7 1
## INFO [22:06:29.971] 38 configurations evaluated
## INFO [22:06:29.987] Evaluating 1 configurations
## INFO [22:06:29.987] k
## INFO [22:06:29.987] 19
## INFO [22:06:30.003] Benchmark with 5 resampling iterations
## INFO [22:06:30.003] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:30.644] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:31.287] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:31.933] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:32.602] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:33.247] Finished benchmark
## INFO [22:06:33.262] Result of batch 39:
## INFO [22:06:33.262] k AUC
## INFO [22:06:33.262] 19 1
## INFO [22:06:33.278] 39 configurations evaluated
## INFO [22:06:33.278] Evaluating 1 configurations
## INFO [22:06:33.294] k
## INFO [22:06:33.294] 44
## INFO [22:06:33.309] Benchmark with 5 resampling iterations
## INFO [22:06:33.309] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:34.106] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:34.916] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:35.744] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:36.966] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:37.794] Finished benchmark
## INFO [22:06:37.810] Result of batch 40:
## INFO [22:06:37.810] k AUC
## INFO [22:06:37.810] 44 0.9999989
## INFO [22:06:37.810] 40 configurations evaluated
## INFO [22:06:37.825] Evaluating 1 configurations
## INFO [22:06:37.825] k
## INFO [22:06:37.825] 49
## INFO [22:06:37.841] Benchmark with 5 resampling iterations
## INFO [22:06:37.841] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:38.685] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:39.535] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:40.395] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:41.285] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:42.144] Finished benchmark
## INFO [22:06:42.160] Result of batch 41:
## INFO [22:06:42.160] k AUC
## INFO [22:06:42.160] 49 0.9999989

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## INFO [22:06:42.160] 41 configurations evaluated
## INFO [22:06:42.176] Evaluating 1 configurations
## INFO [22:06:42.176] k
## INFO [22:06:42.176] 17
## INFO [22:06:42.191] Benchmark with 5 resampling iterations
## INFO [22:06:42.191] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:42.801] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:43.438] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:44.050] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:44.691] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:45.322] Finished benchmark
## INFO [22:06:45.338] Result of batch 42:
## INFO [22:06:45.338] k AUC
## INFO [22:06:45.338] 17 1
## INFO [22:06:45.338] 42 configurations evaluated
## INFO [22:06:45.353] Evaluating 1 configurations
## INFO [22:06:45.353] k
## INFO [22:06:45.353] 13
## INFO [22:06:45.369] Benchmark with 5 resampling iterations
## INFO [22:06:45.369] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:45.956] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:46.541] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:47.135] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:47.734] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:48.335] Finished benchmark
## INFO [22:06:48.350] Result of batch 43:
## INFO [22:06:48.350] k AUC
## INFO [22:06:48.350] 13 1
## INFO [22:06:48.350] 43 configurations evaluated
## INFO [22:06:48.366] Evaluating 1 configurations
## INFO [22:06:48.366] k
## INFO [22:06:48.366] 25
## INFO [22:06:48.382] Benchmark with 5 resampling iterations
## INFO [22:06:48.382] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:49.060] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:49.744] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:50.451] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:51.150] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:51.856] Finished benchmark
## INFO [22:06:51.872] Result of batch 44:
## INFO [22:06:51.872] k AUC
## INFO [22:06:51.872] 25 1
## INFO [22:06:51.872] 44 configurations evaluated
## INFO [22:06:51.887] Evaluating 1 configurations
## INFO [22:06:51.887] k
## INFO [22:06:51.887] 37
## INFO [22:06:51.903] Benchmark with 5 resampling iterations
## INFO [22:06:51.919] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:52.673] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:53.470] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:54.242] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:55.023] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:55.795] Finished benchmark
## INFO [22:06:55.811] Result of batch 45:

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## INFO [22:06:55.811] k AUC
## INFO [22:06:55.811] 37 1
## INFO [22:06:55.826] 45 configurations evaluated
## INFO [22:06:55.826] Evaluating 1 configurations
## INFO [22:06:55.826] k
## INFO [22:06:55.826] 24
## INFO [22:06:55.858] Benchmark with 5 resampling iterations
## INFO [22:06:55.858] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:06:56.933] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:06:57.608] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:06:58.342] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:06:59.036] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:06:59.720] Finished benchmark
## INFO [22:06:59.736] Result of batch 46:
## INFO [22:06:59.736] k AUC
## INFO [22:06:59.736] 24 1
## INFO [22:06:59.736] 46 configurations evaluated
## INFO [22:06:59.751] Evaluating 1 configurations
## INFO [22:06:59.751] k
## INFO [22:06:59.751] 41
## INFO [22:06:59.767] Benchmark with 5 resampling iterations
## INFO [22:06:59.767] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:00.599] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:01.387] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:02.180] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:03.012] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:03.824] Finished benchmark
## INFO [22:07:03.840] Result of batch 47:
## INFO [22:07:03.856] k AUC
## INFO [22:07:03.856] 41 0.9999989
## INFO [22:07:03.858] 47 configurations evaluated
## INFO [22:07:03.862] Evaluating 1 configurations
## INFO [22:07:03.862] k
## INFO [22:07:03.862] 27
## INFO [22:07:03.877] Benchmark with 5 resampling iterations
## INFO [22:07:03.877] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:04.578] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:05.284] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:06.005] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:06.708] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:07.412] Finished benchmark
## INFO [22:07:07.412] Result of batch 48:
## INFO [22:07:07.427] k AUC
## INFO [22:07:07.427] 27 1
## INFO [22:07:07.427] 48 configurations evaluated
## INFO [22:07:07.443] Evaluating 1 configurations
## INFO [22:07:07.443] k
## INFO [22:07:07.443] 43
## INFO [22:07:07.459] Benchmark with 5 resampling iterations
## INFO [22:07:07.459] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:08.271] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:09.074] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:09.903] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:10.741] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:07:11.544] Finished benchmark
## INFO [22:07:11.560] Result of batch 49:
## INFO [22:07:11.560]    k      AUC
## INFO [22:07:11.560]  43 0.9999989
## INFO [22:07:11.560] 49 configurations evaluated
## INFO [22:07:11.575] Evaluating 1 configurations
## INFO [22:07:11.575]    k
## INFO [22:07:11.575]  20
## INFO [22:07:11.606] Benchmark with 5 resampling iterations
## INFO [22:07:11.606] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:12.247] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:12.894] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:13.547] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:14.191] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:14.848] Finished benchmark
## INFO [22:07:14.863] Result of batch 50:
## INFO [22:07:14.863]    k AUC
## INFO [22:07:14.863]  20  1
## INFO [22:07:14.863] 50 configurations evaluated
## INFO [22:07:14.879] Finished tuning after 50 evals
## INFO [22:07:15.066] Tuned x: k=5
## INFO [22:07:15.066] Tuned y: AUC=1
## INFO [22:07:15.463] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 4/10)
## INFO [22:07:15.495] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:07:15.495] Terminator settings: n_evals=50
## INFO [22:07:15.495] Evaluating 1 configurations
## INFO [22:07:15.510]    k
## INFO [22:07:15.510]  19
## INFO [22:07:15.526] Benchmark with 5 resampling iterations
## INFO [22:07:15.526] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:16.191] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:16.839] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:17.464] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:18.111] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:18.780] Finished benchmark
## INFO [22:07:18.795] Result of batch 1:
## INFO [22:07:18.795]    k AUC
## INFO [22:07:18.795]  19  1
## INFO [22:07:18.795] 1 configurations evaluated
## INFO [22:07:18.811] Evaluating 1 configurations
## INFO [22:07:18.811]    k
## INFO [22:07:18.811]  43
## INFO [22:07:18.827] Benchmark with 5 resampling iterations
## INFO [22:07:18.827] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:19.673] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:20.520] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:21.314] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:22.132] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:22.935] Finished benchmark
## INFO [22:07:22.951] Result of batch 2:
## INFO [22:07:22.967]    k AUC
## INFO [22:07:22.967]  43  1
## INFO [22:07:22.967] 2 configurations evaluated
## INFO [22:07:22.982] Evaluating 1 configurations

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## INFO [22:07:22.982] k
## INFO [22:07:22.982] 33
## INFO [22:07:22.998] Benchmark with 5 resampling iterations
## INFO [22:07:22.998] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:23.729] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:24.483] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:25.217] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:25.979] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:26.729] Finished benchmark
## INFO [22:07:26.744] Result of batch 3:
## INFO [22:07:26.760] k AUC
## INFO [22:07:26.760] 33 1
## INFO [22:07:26.762] 3 configurations evaluated
## INFO [22:07:26.773] Evaluating 1 configurations
## INFO [22:07:26.773] k
## INFO [22:07:26.773] 45
## INFO [22:07:26.789] Benchmark with 5 resampling iterations
## INFO [22:07:26.789] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:27.607] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:28.436] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:29.248] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:30.083] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:30.904] Finished benchmark
## INFO [22:07:30.920] Result of batch 4:
## INFO [22:07:30.920] k AUC
## INFO [22:07:30.920] 45 0.9999989
## INFO [22:07:30.928] 4 configurations evaluated
## INFO [22:07:30.940] Evaluating 1 configurations
## INFO [22:07:30.942] k
## INFO [22:07:30.942] 23
## INFO [22:07:30.958] Benchmark with 5 resampling iterations
## INFO [22:07:30.958] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:31.614] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:32.286] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:32.977] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:33.636] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:34.308] Finished benchmark
## INFO [22:07:34.340] Result of batch 5:
## INFO [22:07:34.340] k AUC
## INFO [22:07:34.340] 23 1
## INFO [22:07:34.340] 5 configurations evaluated
## INFO [22:07:34.355] Evaluating 1 configurations
## INFO [22:07:34.355] k
## INFO [22:07:34.355] 48
## INFO [22:07:34.371] Benchmark with 5 resampling iterations
## INFO [22:07:34.371] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:35.214] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:36.073] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:36.902] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:37.753] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:38.611] Finished benchmark
## INFO [22:07:38.627] Result of batch 6:
## INFO [22:07:38.627] k AUC
## INFO [22:07:38.627] 48 0.9999989

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## INFO [22:07:38.627] 6 configurations evaluated
## INFO [22:07:38.643] Evaluating 1 configurations
## INFO [22:07:38.643] k
## INFO [22:07:38.643] 35
## INFO [22:07:38.658] Benchmark with 5 resampling iterations
## INFO [22:07:38.658] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:39.393] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:40.170] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:40.932] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:41.705] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:42.479] Finished benchmark
## INFO [22:07:42.495] Result of batch 7:
## INFO [22:07:42.495] k AUC
## INFO [22:07:42.495] 35 1
## INFO [22:07:42.495] 7 configurations evaluated
## INFO [22:07:42.511] Evaluating 1 configurations
## INFO [22:07:42.511] k
## INFO [22:07:42.511] 44
## INFO [22:07:42.526] Benchmark with 5 resampling iterations
## INFO [22:07:42.526] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:43.339] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:44.573] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:45.382] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:46.199] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:47.027] Finished benchmark
## INFO [22:07:47.042] Result of batch 8:
## INFO [22:07:47.042] k AUC
## INFO [22:07:47.042] 44 0.9999989
## INFO [22:07:47.042] 8 configurations evaluated
## INFO [22:07:47.058] Evaluating 1 configurations
## INFO [22:07:47.074] k
## INFO [22:07:47.074] 29
## INFO [22:07:47.089] Benchmark with 5 resampling iterations
## INFO [22:07:47.089] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:47.789] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:48.527] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:49.231] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:49.934] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:50.662] Finished benchmark
## INFO [22:07:50.678] Result of batch 9:
## INFO [22:07:50.678] k AUC
## INFO [22:07:50.678] 29 1
## INFO [22:07:50.678] 9 configurations evaluated
## INFO [22:07:50.693] Evaluating 1 configurations
## INFO [22:07:50.693] k
## INFO [22:07:50.693] 46
## INFO [22:07:50.724] Benchmark with 5 resampling iterations
## INFO [22:07:50.724] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:51.543] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:52.378] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:53.238] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:54.066] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:54.885] Finished benchmark
## INFO [22:07:54.900] Result of batch 10:

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## INFO [22:07:54.900] k AUC
## INFO [22:07:54.900] 46 0.9999989
## INFO [22:07:54.900] 10 configurations evaluated
## INFO [22:07:54.916] Evaluating 1 configurations
## INFO [22:07:54.916] k
## INFO [22:07:54.916] 40
## INFO [22:07:54.947] Benchmark with 5 resampling iterations
## INFO [22:07:54.947] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:55.705] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:07:56.513] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:07:57.299] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:07:58.086] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:07:58.896] Finished benchmark
## INFO [22:07:58.914] Result of batch 11:
## INFO [22:07:58.917] k AUC
## INFO [22:07:58.917] 40 1
## INFO [22:07:58.919] 11 configurations evaluated
## INFO [22:07:58.924] Evaluating 1 configurations
## INFO [22:07:58.924] k
## INFO [22:07:58.924] 13
## INFO [22:07:58.939] Benchmark with 5 resampling iterations
## INFO [22:07:58.939] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:07:59.508] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:00.118] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:00.712] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:01.318] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:01.899] Finished benchmark
## INFO [22:08:01.915] Result of batch 12:
## INFO [22:08:01.915] k AUC
## INFO [22:08:01.915] 13 1
## INFO [22:08:01.915] 12 configurations evaluated
## INFO [22:08:01.930] Evaluating 1 configurations
## INFO [22:08:01.930] k
## INFO [22:08:01.930] 10
## INFO [22:08:01.946] Benchmark with 5 resampling iterations
## INFO [22:08:01.946] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:02.477] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:03.077] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:03.621] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:04.188] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:04.734] Finished benchmark
## INFO [22:08:04.750] Result of batch 13:
## INFO [22:08:04.750] k AUC
## INFO [22:08:04.750] 10 1
## INFO [22:08:04.750] 13 configurations evaluated
## INFO [22:08:04.766] Evaluating 1 configurations
## INFO [22:08:04.766] k
## INFO [22:08:04.766] 49
## INFO [22:08:04.781] Benchmark with 5 resampling iterations
## INFO [22:08:04.781] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:05.625] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:06.466] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:07.360] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:08.235] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:08:09.085] Finished benchmark
## INFO [22:08:09.101] Result of batch 14:
## INFO [22:08:09.101] k AUC
## INFO [22:08:09.101] 49 0.9999989
## INFO [22:08:09.101] 14 configurations evaluated
## INFO [22:08:09.116] Evaluating 1 configurations
## INFO [22:08:09.116] k
## INFO [22:08:09.116] 39
## INFO [22:08:09.147] Benchmark with 5 resampling iterations
## INFO [22:08:09.147] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:09.926] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:10.710] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:11.507] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:12.395] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:13.195] Finished benchmark
## INFO [22:08:13.210] Result of batch 15:
## INFO [22:08:13.210] k AUC
## INFO [22:08:13.210] 39 1
## INFO [22:08:13.210] 15 configurations evaluated
## INFO [22:08:13.226] Evaluating 1 configurations
## INFO [22:08:13.226] k
## INFO [22:08:13.226] 28
## INFO [22:08:13.242] Benchmark with 5 resampling iterations
## INFO [22:08:13.242] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:13.945] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:14.651] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:15.373] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:16.092] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:16.811] Finished benchmark
## INFO [22:08:16.826] Result of batch 16:
## INFO [22:08:16.826] k AUC
## INFO [22:08:16.826] 28 1
## INFO [22:08:16.826] 16 configurations evaluated
## INFO [22:08:16.842] Evaluating 1 configurations
## INFO [22:08:16.842] k
## INFO [22:08:16.842] 8
## INFO [22:08:16.858] Benchmark with 5 resampling iterations
## INFO [22:08:16.858] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:17.373] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:17.911] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:18.455] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:18.989] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:19.536] Finished benchmark
## INFO [22:08:19.552] Result of batch 17:
## INFO [22:08:19.552] k AUC
## INFO [22:08:19.552] 8 1
## INFO [22:08:19.552] 17 configurations evaluated
## INFO [22:08:19.567] Evaluating 1 configurations
## INFO [22:08:19.567] k
## INFO [22:08:19.567] 5
## INFO [22:08:19.583] Benchmark with 5 resampling iterations
## INFO [22:08:19.583] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:20.089] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:20.617] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:08:21.121] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:21.668] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:22.183] Finished benchmark
## INFO [22:08:22.199] Result of batch 18:
## INFO [22:08:22.199] k AUC
## INFO [22:08:22.199] 5 1
## INFO [22:08:22.199] 18 configurations evaluated
## INFO [22:08:22.214] Evaluating 1 configurations
## INFO [22:08:22.214] k
## INFO [22:08:22.214] 15
## INFO [22:08:22.230] Benchmark with 5 resampling iterations
## INFO [22:08:22.230] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:22.815] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:23.421] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:24.018] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:24.596] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:25.212] Finished benchmark
## INFO [22:08:25.227] Result of batch 19:
## INFO [22:08:25.227] k AUC
## INFO [22:08:25.227] 15 1
## INFO [22:08:25.227] 19 configurations evaluated
## INFO [22:08:25.243] Evaluating 1 configurations
## INFO [22:08:25.243] k
## INFO [22:08:25.243] 21
## INFO [22:08:25.259] Benchmark with 5 resampling iterations
## INFO [22:08:25.259] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:25.896] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:26.556] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:27.625] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:28.278] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:28.953] Finished benchmark
## INFO [22:08:28.969] Result of batch 20:
## INFO [22:08:28.969] k AUC
## INFO [22:08:28.969] 21 1
## INFO [22:08:28.969] 20 configurations evaluated
## INFO [22:08:28.985] Evaluating 1 configurations
## INFO [22:08:28.985] k
## INFO [22:08:28.985] 50
## INFO [22:08:29.016] Benchmark with 5 resampling iterations
## INFO [22:08:29.016] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:29.844] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:30.703] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:31.704] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:32.541] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:33.401] Finished benchmark
## INFO [22:08:33.419] Result of batch 21:
## INFO [22:08:33.419] k AUC
## INFO [22:08:33.419] 50 0.9999989
## INFO [22:08:33.419] 21 configurations evaluated
## INFO [22:08:33.435] Evaluating 1 configurations
## INFO [22:08:33.435] k
## INFO [22:08:33.435] 27
## INFO [22:08:33.451] Benchmark with 5 resampling iterations
## INFO [22:08:33.451] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:08:34.142] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:34.845] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:35.548] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:36.258] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:36.958] Finished benchmark
## INFO [22:08:36.973] Result of batch 22:
## INFO [22:08:36.973]   k AUC
## INFO [22:08:36.973] 27   1
## INFO [22:08:36.973] 22 configurations evaluated
## INFO [22:08:36.989] Evaluating 1 configurations
## INFO [22:08:36.989]   k
## INFO [22:08:36.989] 26
## INFO [22:08:37.005] Benchmark with 5 resampling iterations
## INFO [22:08:37.020] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:37.680] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:38.414] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:39.092] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:39.796] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:40.484] Finished benchmark
## INFO [22:08:40.499] Result of batch 23:
## INFO [22:08:40.499]   k AUC
## INFO [22:08:40.499] 26   1
## INFO [22:08:40.515] 23 configurations evaluated
## INFO [22:08:40.515] Evaluating 1 configurations
## INFO [22:08:40.531]   k
## INFO [22:08:40.531] 38
## INFO [22:08:40.546] Benchmark with 5 resampling iterations
## INFO [22:08:40.546] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:41.315] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:42.108] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:42.908] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:43.674] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:44.471] Finished benchmark
## INFO [22:08:44.471] Result of batch 24:
## INFO [22:08:44.486]   k AUC
## INFO [22:08:44.486] 38   1
## INFO [22:08:44.486] 24 configurations evaluated
## INFO [22:08:44.502] Evaluating 1 configurations
## INFO [22:08:44.502]   k
## INFO [22:08:44.502] 1
## INFO [22:08:44.518] Benchmark with 5 resampling iterations
## INFO [22:08:44.518] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:44.977] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:45.443] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:45.899] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:46.368] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:46.821] Finished benchmark
## INFO [22:08:46.837] Result of batch 25:
## INFO [22:08:46.837]   k AUC
## INFO [22:08:46.837] 1   1
## INFO [22:08:46.837] 25 configurations evaluated
## INFO [22:08:46.852] Evaluating 1 configurations
## INFO [22:08:46.852]   k
## INFO [22:08:46.852] 11

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## INFO [22:08:46.868] Benchmark with 5 resampling iterations
## INFO [22:08:46.868] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:47.437] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:48.011] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:48.562] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:49.125] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:49.703] Finished benchmark
## INFO [22:08:49.718] Result of batch 26:
## INFO [22:08:49.718]   k AUC
## INFO [22:08:49.718] 11   1
## INFO [22:08:49.718] 26 configurations evaluated
## INFO [22:08:49.734] Evaluating 1 configurations
## INFO [22:08:49.734]   k
## INFO [22:08:49.734] 42
## INFO [22:08:49.750] Benchmark with 5 resampling iterations
## INFO [22:08:49.750] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:50.544] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:51.360] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:52.267] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:53.060] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:53.876] Finished benchmark
## INFO [22:08:53.892] Result of batch 27:
## INFO [22:08:53.892]   k AUC
## INFO [22:08:53.892] 42   1
## INFO [22:08:53.907] 27 configurations evaluated
## INFO [22:08:53.907] Evaluating 1 configurations
## INFO [22:08:53.923]   k
## INFO [22:08:53.923] 20
## INFO [22:08:53.939] Benchmark with 5 resampling iterations
## INFO [22:08:53.939] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:54.548] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:55.207] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:55.852] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:56.493] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:08:57.212] Finished benchmark
## INFO [22:08:57.228] Result of batch 28:
## INFO [22:08:57.228]   k AUC
## INFO [22:08:57.228] 20   1
## INFO [22:08:57.228] 28 configurations evaluated
## INFO [22:08:57.243] Evaluating 1 configurations
## INFO [22:08:57.243]   k
## INFO [22:08:57.243] 22
## INFO [22:08:57.259] Benchmark with 5 resampling iterations
## INFO [22:08:57.259] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:08:57.900] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:08:58.587] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:08:59.240] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:08:59.900] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:00.587] Finished benchmark
## INFO [22:09:00.615] Result of batch 29:
## INFO [22:09:00.615]   k AUC
## INFO [22:09:00.615] 22   1
## INFO [22:09:00.615] 29 configurations evaluated
## INFO [22:09:00.631] Evaluating 1 configurations

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## INFO [22:09:00.631] k
## INFO [22:09:00.631] 3
## INFO [22:09:00.646] Benchmark with 5 resampling iterations
## INFO [22:09:00.646] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:01.115] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:01.606] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:02.102] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:02.590] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:03.106] Finished benchmark
## INFO [22:09:03.122] Result of batch 30:
## INFO [22:09:03.122] k AUC
## INFO [22:09:03.122] 3 1
## INFO [22:09:03.122] 30 configurations evaluated
## INFO [22:09:03.137] Evaluating 1 configurations
## INFO [22:09:03.137] k
## INFO [22:09:03.137] 6
## INFO [22:09:03.153] Benchmark with 5 resampling iterations
## INFO [22:09:03.153] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:03.653] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:04.200] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:04.721] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:05.249] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:05.769] Finished benchmark
## INFO [22:09:05.784] Result of batch 31:
## INFO [22:09:05.784] k AUC
## INFO [22:09:05.784] 6 1
## INFO [22:09:05.784] 31 configurations evaluated
## INFO [22:09:05.800] Evaluating 1 configurations
## INFO [22:09:05.800] k
## INFO [22:09:05.800] 36
## INFO [22:09:05.815] Benchmark with 5 resampling iterations
## INFO [22:09:05.815] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:06.597] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:07.771] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:08.541] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:09.291] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:10.079] Finished benchmark
## INFO [22:09:10.094] Result of batch 32:
## INFO [22:09:10.094] k AUC
## INFO [22:09:10.094] 36 1
## INFO [22:09:10.094] 32 configurations evaluated
## INFO [22:09:10.110] Evaluating 1 configurations
## INFO [22:09:10.110] k
## INFO [22:09:10.110] 17
## INFO [22:09:10.125] Benchmark with 5 resampling iterations
## INFO [22:09:10.141] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:10.731] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:11.360] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:11.970] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:12.595] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:13.228] Finished benchmark
## INFO [22:09:13.235] Result of batch 33:
## INFO [22:09:13.235] k AUC
## INFO [22:09:13.235] 17 1

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## INFO [22:09:13.235] 33 configurations evaluated
## INFO [22:09:13.251] Evaluating 1 configurations
## INFO [22:09:13.251] k
## INFO [22:09:13.251] 7
## INFO [22:09:13.266] Benchmark with 5 resampling iterations
## INFO [22:09:13.282] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:13.798] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:14.345] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:14.882] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:15.410] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:15.952] Finished benchmark
## INFO [22:09:15.957] Result of batch 34:
## INFO [22:09:15.957] k AUC
## INFO [22:09:15.957] 7 1
## INFO [22:09:15.957] 34 configurations evaluated
## INFO [22:09:15.973] Evaluating 1 configurations
## INFO [22:09:15.973] k
## INFO [22:09:15.973] 16
## INFO [22:09:16.004] Benchmark with 5 resampling iterations
## INFO [22:09:16.004] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:16.617] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:17.226] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:17.833] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:18.445] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:19.055] Finished benchmark
## INFO [22:09:19.070] Result of batch 35:
## INFO [22:09:19.086] k AUC
## INFO [22:09:19.086] 16 1
## INFO [22:09:19.086] 35 configurations evaluated
## INFO [22:09:19.086] Evaluating 1 configurations
## INFO [22:09:19.101] k
## INFO [22:09:19.101] 34
## INFO [22:09:19.117] Benchmark with 5 resampling iterations
## INFO [22:09:19.117] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:19.842] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:20.604] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:21.358] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:22.139] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:22.893] Finished benchmark
## INFO [22:09:22.909] Result of batch 36:
## INFO [22:09:22.909] k AUC
## INFO [22:09:22.909] 34 1
## INFO [22:09:22.909] 36 configurations evaluated
## INFO [22:09:22.924] Evaluating 1 configurations
## INFO [22:09:22.924] k
## INFO [22:09:22.924] 47
## INFO [22:09:22.940] Benchmark with 5 resampling iterations
## INFO [22:09:22.940] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:23.759] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:24.587] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:25.434] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:26.281] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:27.109] Finished benchmark
## INFO [22:09:27.124] Result of batch 37:

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## INFO [22:09:27.124] k AUC
## INFO [22:09:27.124] 47 0.9999989
## INFO [22:09:27.124] 37 configurations evaluated
## INFO [22:09:27.140] Evaluating 1 configurations
## INFO [22:09:27.140] k
## INFO [22:09:27.140] 9
## INFO [22:09:27.156] Benchmark with 5 resampling iterations
## INFO [22:09:27.156] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:27.693] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:28.252] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:28.803] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:29.350] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:29.872] Finished benchmark
## INFO [22:09:29.887] Result of batch 38:
## INFO [22:09:29.887] k AUC
## INFO [22:09:29.887] 9 1
## INFO [22:09:29.903] 38 configurations evaluated
## INFO [22:09:29.918] Evaluating 1 configurations
## INFO [22:09:29.918] k
## INFO [22:09:29.918] 31
## INFO [22:09:29.934] Benchmark with 5 resampling iterations
## INFO [22:09:29.934] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:30.638] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:31.388] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:32.122] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:32.859] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:33.582] Finished benchmark
## INFO [22:09:33.598] Result of batch 39:
## INFO [22:09:33.598] k AUC
## INFO [22:09:33.598] 31 1
## INFO [22:09:33.598] 39 configurations evaluated
## INFO [22:09:33.613] Evaluating 1 configurations
## INFO [22:09:33.613] k
## INFO [22:09:33.613] 18
## INFO [22:09:33.629] Benchmark with 5 resampling iterations
## INFO [22:09:33.629] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:34.238] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:34.902] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:35.523] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:36.136] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:36.777] Finished benchmark
## INFO [22:09:36.792] Result of batch 40:
## INFO [22:09:36.792] k AUC
## INFO [22:09:36.792] 18 1
## INFO [22:09:36.792] 40 configurations evaluated
## INFO [22:09:36.808] Evaluating 1 configurations
## INFO [22:09:36.808] k
## INFO [22:09:36.808] 2
## INFO [22:09:36.824] Benchmark with 5 resampling iterations
## INFO [22:09:36.839] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:37.300] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:37.785] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:38.265] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:38.753] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:09:39.238] Finished benchmark
## INFO [22:09:39.253] Result of batch 41:
## INFO [22:09:39.253] k AUC
## INFO [22:09:39.253] 2 1
## INFO [22:09:39.253] 41 configurations evaluated
## INFO [22:09:39.269] Evaluating 1 configurations
## INFO [22:09:39.269] k
## INFO [22:09:39.269] 30
## INFO [22:09:39.285] Benchmark with 5 resampling iterations
## INFO [22:09:39.285] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:39.994] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:40.740] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:41.478] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:42.197] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:42.935] Finished benchmark
## INFO [22:09:42.951] Result of batch 42:
## INFO [22:09:42.951] k AUC
## INFO [22:09:42.951] 30 1
## INFO [22:09:42.966] 42 configurations evaluated
## INFO [22:09:42.966] Evaluating 1 configurations
## INFO [22:09:42.982] k
## INFO [22:09:42.982] 41
## INFO [22:09:42.997] Benchmark with 5 resampling iterations
## INFO [22:09:42.997] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:43.766] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:44.579] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:45.363] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:46.570] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:47.373] Finished benchmark
## INFO [22:09:47.389] Result of batch 43:
## INFO [22:09:47.404] k AUC
## INFO [22:09:47.404] 41 1
## INFO [22:09:47.404] 43 configurations evaluated
## INFO [22:09:47.420] Evaluating 1 configurations
## INFO [22:09:47.420] k
## INFO [22:09:47.420] 14
## INFO [22:09:47.435] Benchmark with 5 resampling iterations
## INFO [22:09:47.435] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:48.011] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:48.608] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:49.186] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:49.779] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:50.369] Finished benchmark
## INFO [22:09:50.385] Result of batch 44:
## INFO [22:09:50.385] k AUC
## INFO [22:09:50.385] 14 1
## INFO [22:09:50.385] 44 configurations evaluated
## INFO [22:09:50.401] Evaluating 1 configurations
## INFO [22:09:50.401] k
## INFO [22:09:50.401] 32
## INFO [22:09:50.416] Benchmark with 5 resampling iterations
## INFO [22:09:50.416] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:51.201] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:51.951] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:09:52.692] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:53.443] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:54.614] Finished benchmark
## INFO [22:09:54.630] Result of batch 45:
## INFO [22:09:54.630]   k AUC
## INFO [22:09:54.630] 32   1
## INFO [22:09:54.630] 45 configurations evaluated
## INFO [22:09:54.646] Evaluating 1 configurations
## INFO [22:09:54.646]   k
## INFO [22:09:54.646] 24
## INFO [22:09:54.677] Benchmark with 5 resampling iterations
## INFO [22:09:54.677] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:55.318] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:56.005] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:56.677] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:09:57.364] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:09:58.099] Finished benchmark
## INFO [22:09:58.114] Result of batch 46:
## INFO [22:09:58.114]   k AUC
## INFO [22:09:58.114] 24   1
## INFO [22:09:58.130] 46 configurations evaluated
## INFO [22:09:58.130] Evaluating 1 configurations
## INFO [22:09:58.130]   k
## INFO [22:09:58.130] 4
## INFO [22:09:58.161] Benchmark with 5 resampling iterations
## INFO [22:09:58.161] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:09:58.636] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:09:59.165] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:09:59.652] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:00.215] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:00.736] Finished benchmark
## INFO [22:10:00.751] Result of batch 47:
## INFO [22:10:00.751]   k AUC
## INFO [22:10:00.751] 4   1
## INFO [22:10:00.751] 47 configurations evaluated
## INFO [22:10:00.771] Evaluating 1 configurations
## INFO [22:10:00.771]   k
## INFO [22:10:00.771] 12
## INFO [22:10:00.786] Benchmark with 5 resampling iterations
## INFO [22:10:00.786] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:01.349] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:01.926] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:02.489] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:03.083] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:03.651] Finished benchmark
## INFO [22:10:03.667] Result of batch 48:
## INFO [22:10:03.667]   k AUC
## INFO [22:10:03.667] 12   1
## INFO [22:10:03.667] 48 configurations evaluated
## INFO [22:10:03.683] Evaluating 1 configurations
## INFO [22:10:03.683]   k
## INFO [22:10:03.683] 25
## INFO [22:10:03.714] Benchmark with 5 resampling iterations
## INFO [22:10:03.714] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:10:04.386] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:05.073] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:05.761] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:06.436] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:07.174] Finished benchmark
## INFO [22:10:07.189] Result of batch 49:
## INFO [22:10:07.189]   k AUC
## INFO [22:10:07.189] 25   1
## INFO [22:10:07.189] 49 configurations evaluated
## INFO [22:10:07.205] Evaluating 1 configurations
## INFO [22:10:07.205]   k
## INFO [22:10:07.205] 37
## INFO [22:10:07.220] Benchmark with 5 resampling iterations
## INFO [22:10:07.220] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:07.955] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:08.742] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:09.524] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:10.289] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:11.093] Finished benchmark
## INFO [22:10:11.109] Result of batch 50:
## INFO [22:10:11.109]   k AUC
## INFO [22:10:11.109] 37   1
## INFO [22:10:11.109] 50 configurations evaluated
## INFO [22:10:11.124] Finished tuning after 50 evals
## INFO [22:10:11.312] Tuned x: k=1
## INFO [22:10:11.312] Tuned y: AUC=1
## INFO [22:10:11.684] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 5/10)
## INFO [22:10:11.715] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:10:11.715] Terminator settings: n_evals=50
## INFO [22:10:11.715] Evaluating 1 configurations
## INFO [22:10:11.731]   k
## INFO [22:10:11.731] 23
## INFO [22:10:11.746] Benchmark with 5 resampling iterations
## INFO [22:10:11.746] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:12.422] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:13.143] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:13.815] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:14.471] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:15.143] Finished benchmark
## INFO [22:10:15.158] Result of batch 1:
## INFO [22:10:15.158]   k AUC
## INFO [22:10:15.158] 23   1
## INFO [22:10:15.174] 1 configurations evaluated
## INFO [22:10:15.190] Evaluating 1 configurations
## INFO [22:10:15.190]   k
## INFO [22:10:15.190] 28
## INFO [22:10:15.205] Benchmark with 5 resampling iterations
## INFO [22:10:15.221] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:15.927] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:16.674] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:17.381] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:18.100] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:18.825] Finished benchmark
## INFO [22:10:18.840] Result of batch 2:

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## INFO [22:10:18.840] k AUC
## INFO [22:10:18.840] 28 1
## INFO [22:10:18.840] 2 configurations evaluated
## INFO [22:10:18.856] Evaluating 1 configurations
## INFO [22:10:18.856] k
## INFO [22:10:18.856] 45
## INFO [22:10:18.871] Benchmark with 5 resampling iterations
## INFO [22:10:18.871] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:19.716] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:20.591] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:21.413] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:22.238] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:23.080] Finished benchmark
## INFO [22:10:23.095] Result of batch 3:
## INFO [22:10:23.095] k AUC
## INFO [22:10:23.095] 45 0.9999936
## INFO [22:10:23.095] 3 configurations evaluated
## INFO [22:10:23.111] Evaluating 1 configurations
## INFO [22:10:23.111] k
## INFO [22:10:23.111] 27
## INFO [22:10:23.126] Benchmark with 5 resampling iterations
## INFO [22:10:23.126] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:23.845] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:24.579] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:25.283] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:25.982] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:26.689] Finished benchmark
## INFO [22:10:26.705] Result of batch 4:
## INFO [22:10:26.720] k AUC
## INFO [22:10:26.720] 27 1
## INFO [22:10:26.720] 4 configurations evaluated
## INFO [22:10:26.720] Evaluating 1 configurations
## INFO [22:10:26.736] k
## INFO [22:10:26.736] 10
## INFO [22:10:26.751] Benchmark with 5 resampling iterations
## INFO [22:10:26.751] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:27.298] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:27.876] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:28.430] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:29.007] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:29.570] Finished benchmark
## INFO [22:10:29.586] Result of batch 5:
## INFO [22:10:29.586] k AUC
## INFO [22:10:29.586] 10 1
## INFO [22:10:29.586] 5 configurations evaluated
## INFO [22:10:29.601] Evaluating 1 configurations
## INFO [22:10:29.601] k
## INFO [22:10:29.601] 21
## INFO [22:10:29.632] Benchmark with 5 resampling iterations
## INFO [22:10:29.632] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:30.289] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:30.980] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:31.624] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:32.280] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:10:33.358] Finished benchmark
## INFO [22:10:33.374] Result of batch 6:
## INFO [22:10:33.374]   k AUC
## INFO [22:10:33.374] 21   1
## INFO [22:10:33.374] 6 configurations evaluated
## INFO [22:10:33.389] Evaluating 1 configurations
## INFO [22:10:33.389]   k
## INFO [22:10:33.389] 34
## INFO [22:10:33.421] Benchmark with 5 resampling iterations
## INFO [22:10:33.421] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:34.171] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:34.968] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:35.718] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:36.484] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:37.218] Finished benchmark
## INFO [22:10:37.234] Result of batch 7:
## INFO [22:10:37.234]   k AUC
## INFO [22:10:37.234] 34   1
## INFO [22:10:37.234] 7 configurations evaluated
## INFO [22:10:37.249] Evaluating 1 configurations
## INFO [22:10:37.249]   k
## INFO [22:10:37.249] 24
## INFO [22:10:37.265] Benchmark with 5 resampling iterations
## INFO [22:10:37.265] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:38.015] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:38.733] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:39.396] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:40.084] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:40.772] Finished benchmark
## INFO [22:10:40.772] Result of batch 8:
## INFO [22:10:40.787]   k AUC
## INFO [22:10:40.787] 24   1
## INFO [22:10:40.787] 8 configurations evaluated
## INFO [22:10:40.803] Evaluating 1 configurations
## INFO [22:10:40.803]   k
## INFO [22:10:40.803] 26
## INFO [22:10:40.818] Benchmark with 5 resampling iterations
## INFO [22:10:40.818] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:41.528] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:42.246] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:42.934] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:43.609] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:44.316] Finished benchmark
## INFO [22:10:44.331] Result of batch 9:
## INFO [22:10:44.331]   k AUC
## INFO [22:10:44.331] 26   1
## INFO [22:10:44.331] 9 configurations evaluated
## INFO [22:10:44.347] Evaluating 1 configurations
## INFO [22:10:44.347]   k
## INFO [22:10:44.347] 25
## INFO [22:10:44.362] Benchmark with 5 resampling iterations
## INFO [22:10:44.362] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:45.066] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:45.781] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:10:46.466] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:47.156] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:47.843] Finished benchmark
## INFO [22:10:47.859] Result of batch 10:
## INFO [22:10:47.859]   k AUC
## INFO [22:10:47.859] 25  1
## INFO [22:10:47.874] 10 configurations evaluated
## INFO [22:10:47.874] Evaluating 1 configurations
## INFO [22:10:47.890]   k
## INFO [22:10:47.890] 18
## INFO [22:10:47.906] Benchmark with 5 resampling iterations
## INFO [22:10:47.906] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:48.534] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:49.194] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:49.819] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:50.459] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:51.091] Finished benchmark
## INFO [22:10:51.106] Result of batch 11:
## INFO [22:10:51.106]   k AUC
## INFO [22:10:51.106] 18  1
## INFO [22:10:51.106] 11 configurations evaluated
## INFO [22:10:51.122] Evaluating 1 configurations
## INFO [22:10:51.122]   k
## INFO [22:10:51.122] 48
## INFO [22:10:51.153] Benchmark with 5 resampling iterations
## INFO [22:10:51.153] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:52.016] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:52.875] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:53.722] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:54.585] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:55.428] Finished benchmark
## INFO [22:10:55.444] Result of batch 12:
## INFO [22:10:55.444]   k      AUC
## INFO [22:10:55.444] 48 0.9999903
## INFO [22:10:55.444] 12 configurations evaluated
## INFO [22:10:55.460] Evaluating 1 configurations
## INFO [22:10:55.460]   k
## INFO [22:10:55.460] 8
## INFO [22:10:55.475] Benchmark with 5 resampling iterations
## INFO [22:10:55.475] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:10:56.040] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:56.580] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:10:57.127] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:10:57.658] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:10:58.205] Finished benchmark
## INFO [22:10:58.220] Result of batch 13:
## INFO [22:10:58.220]   k AUC
## INFO [22:10:58.220] 8  1
## INFO [22:10:58.220] 13 configurations evaluated
## INFO [22:10:58.236] Evaluating 1 configurations
## INFO [22:10:58.236]   k
## INFO [22:10:58.236] 33
## INFO [22:10:58.267] Benchmark with 5 resampling iterations
## INFO [22:10:58.267] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:10:59.017] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:10:59.802] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:00.570] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:01.327] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:02.055] Finished benchmark
## INFO [22:11:02.071] Result of batch 14:
## INFO [22:11:02.071]   k AUC
## INFO [22:11:02.071] 33  1
## INFO [22:11:02.071] 14 configurations evaluated
## INFO [22:11:02.087] Evaluating 1 configurations
## INFO [22:11:02.087]   k
## INFO [22:11:02.087] 40
## INFO [22:11:02.102] Benchmark with 5 resampling iterations
## INFO [22:11:02.102] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:02.915] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:03.762] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:04.562] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:05.359] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:06.155] Finished benchmark
## INFO [22:11:06.155] Result of batch 15:
## INFO [22:11:06.171]   k      AUC
## INFO [22:11:06.171] 40 0.999997
## INFO [22:11:06.171] 15 configurations evaluated
## INFO [22:11:06.187] Evaluating 1 configurations
## INFO [22:11:06.187]   k
## INFO [22:11:06.187] 47
## INFO [22:11:06.202] Benchmark with 5 resampling iterations
## INFO [22:11:06.202] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:07.069] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:07.948] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:08.773] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:09.729] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:10.579] Finished benchmark
## INFO [22:11:10.595] Result of batch 16:
## INFO [22:11:10.595]   k      AUC
## INFO [22:11:10.595] 47 0.9999903
## INFO [22:11:10.595] 16 configurations evaluated
## INFO [22:11:10.610] Evaluating 1 configurations
## INFO [22:11:10.610]   k
## INFO [22:11:10.610] 38
## INFO [22:11:10.626] Benchmark with 5 resampling iterations
## INFO [22:11:10.626] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:11.441] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:12.241] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:13.022] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:13.791] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:14.981] Finished benchmark
## INFO [22:11:14.997] Result of batch 17:
## INFO [22:11:14.997]   k AUC
## INFO [22:11:14.997] 38  1
## INFO [22:11:15.013] 17 configurations evaluated
## INFO [22:11:15.013] Evaluating 1 configurations
## INFO [22:11:15.028]   k
## INFO [22:11:15.028] 5

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## INFO [22:11:15.044] Benchmark with 5 resampling iterations
## INFO [22:11:15.044] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:15.559] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:16.100] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:16.616] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:17.132] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:17.682] Finished benchmark
## INFO [22:11:17.698] Result of batch 18:
## INFO [22:11:17.698]   k AUC
## INFO [22:11:17.698]   5   1
## INFO [22:11:17.698] 18 configurations evaluated
## INFO [22:11:17.713] Evaluating 1 configurations
## INFO [22:11:17.713]   k
## INFO [22:11:17.713]  17
## INFO [22:11:17.729] Benchmark with 5 resampling iterations
## INFO [22:11:17.729] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:18.354] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:19.007] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:19.626] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:20.266] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:20.882] Finished benchmark
## INFO [22:11:20.898] Result of batch 19:
## INFO [22:11:20.913]   k AUC
## INFO [22:11:20.913]  17   1
## INFO [22:11:20.913] 19 configurations evaluated
## INFO [22:11:20.929] Evaluating 1 configurations
## INFO [22:11:20.929]   k
## INFO [22:11:20.929]  44
## INFO [22:11:20.944] Benchmark with 5 resampling iterations
## INFO [22:11:20.944] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:21.773] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:22.663] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:23.467] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:24.295] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:25.092] Finished benchmark
## INFO [22:11:25.108] Result of batch 20:
## INFO [22:11:25.108]   k      AUC
## INFO [22:11:25.108]  44 0.9999951
## INFO [22:11:25.108] 20 configurations evaluated
## INFO [22:11:25.123] Evaluating 1 configurations
## INFO [22:11:25.123]   k
## INFO [22:11:25.123]  20
## INFO [22:11:25.139] Benchmark with 5 resampling iterations
## INFO [22:11:25.155] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:25.817] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:26.485] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:27.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:27.990] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:28.674] Finished benchmark
## INFO [22:11:28.690] Result of batch 21:
## INFO [22:11:28.690]   k AUC
## INFO [22:11:28.690]  20   1
## INFO [22:11:28.690] 21 configurations evaluated
## INFO [22:11:28.706] Evaluating 1 configurations

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## INFO [22:11:28.706] k
## INFO [22:11:28.706] 32
## INFO [22:11:28.721] Benchmark with 5 resampling iterations
## INFO [22:11:28.721] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:29.490] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:30.271] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:31.006] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:31.756] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:32.506] Finished benchmark
## INFO [22:11:32.522] Result of batch 22:
## INFO [22:11:32.522] k AUC
## INFO [22:11:32.522] 32 1
## INFO [22:11:32.522] 22 configurations evaluated
## INFO [22:11:32.537] Evaluating 1 configurations
## INFO [22:11:32.537] k
## INFO [22:11:32.537] 50
## INFO [22:11:32.553] Benchmark with 5 resampling iterations
## INFO [22:11:32.553] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:33.444] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:34.350] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:35.209] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:36.059] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:36.918] Finished benchmark
## INFO [22:11:36.934] Result of batch 23:
## INFO [22:11:36.934] k AUC
## INFO [22:11:36.934] 50 0.9999869
## INFO [22:11:36.950] 23 configurations evaluated
## INFO [22:11:36.950] Evaluating 1 configurations
## INFO [22:11:36.965] k
## INFO [22:11:36.965] 30
## INFO [22:11:36.981] Benchmark with 5 resampling iterations
## INFO [22:11:36.981] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:37.700] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:38.472] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:39.190] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:39.924] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:40.649] Finished benchmark
## INFO [22:11:40.665] Result of batch 24:
## INFO [22:11:40.665] k AUC
## INFO [22:11:40.665] 30 1
## INFO [22:11:40.665] 24 configurations evaluated
## INFO [22:11:40.681] Evaluating 1 configurations
## INFO [22:11:40.681] k
## INFO [22:11:40.681] 14
## INFO [22:11:40.696] Benchmark with 5 resampling iterations
## INFO [22:11:40.696] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:41.302] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:41.931] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:42.525] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:43.103] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:43.700] Finished benchmark
## INFO [22:11:43.716] Result of batch 25:
## INFO [22:11:43.716] k AUC
## INFO [22:11:43.716] 14 1

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## INFO [22:11:43.731] 25 configurations evaluated
## INFO [22:11:43.731] Evaluating 1 configurations
## INFO [22:11:43.747] k
## INFO [22:11:43.747] 16
## INFO [22:11:43.762] Benchmark with 5 resampling iterations
## INFO [22:11:43.762] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:44.374] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:45.015] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:45.624] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:46.234] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:46.849] Finished benchmark
## INFO [22:11:46.865] Result of batch 26:
## INFO [22:11:46.865] k AUC
## INFO [22:11:46.865] 16 1
## INFO [22:11:46.865] 26 configurations evaluated
## INFO [22:11:46.881] Evaluating 1 configurations
## INFO [22:11:46.881] k
## INFO [22:11:46.881] 13
## INFO [22:11:46.912] Benchmark with 5 resampling iterations
## INFO [22:11:46.912] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:47.519] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:48.115] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:48.694] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:49.309] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:49.899] Finished benchmark
## INFO [22:11:49.915] Result of batch 27:
## INFO [22:11:49.915] k AUC
## INFO [22:11:49.915] 13 1
## INFO [22:11:49.930] 27 configurations evaluated
## INFO [22:11:49.930] Evaluating 1 configurations
## INFO [22:11:49.946] k
## INFO [22:11:49.946] 3
## INFO [22:11:49.962] Benchmark with 5 resampling iterations
## INFO [22:11:49.962] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:50.466] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:50.982] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:51.497] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:52.003] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:52.941] Finished benchmark
## INFO [22:11:52.957] Result of batch 28:
## INFO [22:11:52.957] k AUC
## INFO [22:11:52.957] 3 1
## INFO [22:11:52.957] 28 configurations evaluated
## INFO [22:11:52.973] Evaluating 1 configurations
## INFO [22:11:52.973] k
## INFO [22:11:52.973] 6
## INFO [22:11:52.988] Benchmark with 5 resampling iterations
## INFO [22:11:52.988] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:53.520] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:54.051] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:54.620] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:55.148] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:11:55.682] Finished benchmark
## INFO [22:11:55.702] Result of batch 29:

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## INFO [22:11:55.705] k AUC
## INFO [22:11:55.705] 6 1
## INFO [22:11:55.707] 29 configurations evaluated
## INFO [22:11:55.719] Evaluating 1 configurations
## INFO [22:11:55.722] k
## INFO [22:11:55.722] 49
## INFO [22:11:55.725] Benchmark with 5 resampling iterations
## INFO [22:11:55.741] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:11:56.585] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:11:57.479] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:11:58.326] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:11:59.185] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:00.017] Finished benchmark
## INFO [22:12:00.032] Result of batch 30:
## INFO [22:12:00.032] k AUC
## INFO [22:12:00.032] 49 0.9999888
## INFO [22:12:00.032] 30 configurations evaluated
## INFO [22:12:00.048] Evaluating 1 configurations
## INFO [22:12:00.048] k
## INFO [22:12:00.048] 43
## INFO [22:12:00.063] Benchmark with 5 resampling iterations
## INFO [22:12:00.063] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:00.907] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:01.757] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:02.551] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:03.382] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:04.179] Finished benchmark
## INFO [22:12:04.195] Result of batch 31:
## INFO [22:12:04.211] k AUC
## INFO [22:12:04.211] 43 0.9999966
## INFO [22:12:04.213] 31 configurations evaluated
## INFO [22:12:04.217] Evaluating 1 configurations
## INFO [22:12:04.217] k
## INFO [22:12:04.217] 31
## INFO [22:12:04.232] Benchmark with 5 resampling iterations
## INFO [22:12:04.248] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:04.979] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:05.842] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:06.576] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:07.392] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:08.208] Finished benchmark
## INFO [22:12:08.223] Result of batch 32:
## INFO [22:12:08.223] k AUC
## INFO [22:12:08.223] 31 1
## INFO [22:12:08.223] 32 configurations evaluated
## INFO [22:12:08.239] Evaluating 1 configurations
## INFO [22:12:08.239] k
## INFO [22:12:08.239] 15
## INFO [22:12:08.255] Benchmark with 5 resampling iterations
## INFO [22:12:08.255] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:08.864] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:09.480] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:10.102] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:10.699] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:12:11.308] Finished benchmark
## INFO [22:12:11.324] Result of batch 33:
## INFO [22:12:11.339] k AUC
## INFO [22:12:11.339] 15 1
## INFO [22:12:11.339] 33 configurations evaluated
## INFO [22:12:11.339] Evaluating 1 configurations
## INFO [22:12:11.355] k
## INFO [22:12:11.355] 35
## INFO [22:12:11.370] Benchmark with 5 resampling iterations
## INFO [22:12:11.370] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:12.142] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:12.955] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:13.721] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:14.477] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:15.240] Finished benchmark
## INFO [22:12:15.245] Result of batch 34:
## INFO [22:12:15.245] k AUC
## INFO [22:12:15.245] 35 1
## INFO [22:12:15.245] 34 configurations evaluated
## INFO [22:12:15.261] Evaluating 1 configurations
## INFO [22:12:15.261] k
## INFO [22:12:15.261] 4
## INFO [22:12:15.292] Benchmark with 5 resampling iterations
## INFO [22:12:15.292] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:15.796] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:16.343] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:16.835] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:17.363] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:17.897] Finished benchmark
## INFO [22:12:17.913] Result of batch 35:
## INFO [22:12:17.913] k AUC
## INFO [22:12:17.913] 4 1
## INFO [22:12:17.929] 35 configurations evaluated
## INFO [22:12:17.929] Evaluating 1 configurations
## INFO [22:12:17.944] k
## INFO [22:12:17.944] 19
## INFO [22:12:17.960] Benchmark with 5 resampling iterations
## INFO [22:12:17.960] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:18.616] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:19.279] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:19.932] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:20.576] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:21.216] Finished benchmark
## INFO [22:12:21.232] Result of batch 36:
## INFO [22:12:21.232] k AUC
## INFO [22:12:21.232] 19 1
## INFO [22:12:21.232] 36 configurations evaluated
## INFO [22:12:21.248] Evaluating 1 configurations
## INFO [22:12:21.248] k
## INFO [22:12:21.248] 7
## INFO [22:12:21.263] Benchmark with 5 resampling iterations
## INFO [22:12:21.263] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:21.810] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:22.354] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:12:22.904] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:23.435] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:23.982] Finished benchmark
## INFO [22:12:23.998] Result of batch 37:
## INFO [22:12:23.998] k AUC
## INFO [22:12:23.998] 7 1
## INFO [22:12:23.998] 37 configurations evaluated
## INFO [22:12:24.014] Evaluating 1 configurations
## INFO [22:12:24.014] k
## INFO [22:12:24.014] 42
## INFO [22:12:24.045] Benchmark with 5 resampling iterations
## INFO [22:12:24.045] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:24.861] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:26.129] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:27.026] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:27.824] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:28.636] Finished benchmark
## INFO [22:12:28.652] Result of batch 38:
## INFO [22:12:28.652] k AUC
## INFO [22:12:28.652] 42 0.999997
## INFO [22:12:28.652] 38 configurations evaluated
## INFO [22:12:28.667] Evaluating 1 configurations
## INFO [22:12:28.667] k
## INFO [22:12:28.667] 22
## INFO [22:12:28.683] Benchmark with 5 resampling iterations
## INFO [22:12:28.683] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:29.371] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:30.055] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:30.715] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:31.371] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:32.049] Finished benchmark
## INFO [22:12:32.065] Result of batch 39:
## INFO [22:12:32.065] k AUC
## INFO [22:12:32.065] 22 1
## INFO [22:12:32.065] 39 configurations evaluated
## INFO [22:12:32.080] Evaluating 1 configurations
## INFO [22:12:32.080] k
## INFO [22:12:32.080] 9
## INFO [22:12:32.096] Benchmark with 5 resampling iterations
## INFO [22:12:32.096] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:32.655] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:33.206] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:33.737] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:34.331] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:34.875] Finished benchmark
## INFO [22:12:34.890] Result of batch 40:
## INFO [22:12:34.890] k AUC
## INFO [22:12:34.890] 9 1
## INFO [22:12:34.906] 40 configurations evaluated
## INFO [22:12:34.906] Evaluating 1 configurations
## INFO [22:12:34.921] k
## INFO [22:12:34.921] 36
## INFO [22:12:34.937] Benchmark with 5 resampling iterations
## INFO [22:12:34.937] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:12:35.737] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:36.534] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:37.302] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:38.087] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:38.884] Finished benchmark
## INFO [22:12:38.884] Result of batch 41:
## INFO [22:12:38.900] k AUC
## INFO [22:12:38.900] 36 1
## INFO [22:12:38.900] 41 configurations evaluated
## INFO [22:12:38.916] Evaluating 1 configurations
## INFO [22:12:38.916] k
## INFO [22:12:38.916] 37
## INFO [22:12:38.931] Benchmark with 5 resampling iterations
## INFO [22:12:38.931] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:39.719] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:40.547] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:41.313] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:42.101] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:42.867] Finished benchmark
## INFO [22:12:42.882] Result of batch 42:
## INFO [22:12:42.882] k AUC
## INFO [22:12:42.882] 37 1
## INFO [22:12:42.882] 42 configurations evaluated
## INFO [22:12:42.898] Evaluating 1 configurations
## INFO [22:12:42.898] k
## INFO [22:12:42.898] 1
## INFO [22:12:42.929] Benchmark with 5 resampling iterations
## INFO [22:12:42.929] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:43.398] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:43.882] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:44.351] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:44.847] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:45.323] Finished benchmark
## INFO [22:12:45.338] Result of batch 43:
## INFO [22:12:45.338] k AUC
## INFO [22:12:45.338] 1 1
## INFO [22:12:45.338] 43 configurations evaluated
## INFO [22:12:45.354] Evaluating 1 configurations
## INFO [22:12:45.354] k
## INFO [22:12:45.354] 46
## INFO [22:12:45.369] Benchmark with 5 resampling iterations
## INFO [22:12:45.369] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:46.214] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:47.214] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:48.026] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:48.869] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:49.688] Finished benchmark
## INFO [22:12:49.704] Result of batch 44:
## INFO [22:12:49.704] k AUC
## INFO [22:12:49.704] 46 0.9999929
## INFO [22:12:49.704] 44 configurations evaluated
## INFO [22:12:49.720] Evaluating 1 configurations
## INFO [22:12:49.720] k
## INFO [22:12:49.720] 41

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## INFO [22:12:49.735] Benchmark with 5 resampling iterations
## INFO [22:12:49.735] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:50.564] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:51.426] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:52.223] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:53.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:53.926] Finished benchmark
## INFO [22:12:53.942] Result of batch 45:
## INFO [22:12:53.958]   k      AUC
## INFO [22:12:53.958] 41 0.999997
## INFO [22:12:53.958] 45 configurations evaluated
## INFO [22:12:53.973] Evaluating 1 configurations
## INFO [22:12:53.973]   k
## INFO [22:12:53.973] 29
## INFO [22:12:53.989] Benchmark with 5 resampling iterations
## INFO [22:12:53.989] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:54.730] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:55.480] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:56.214] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:12:56.933] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:12:57.667] Finished benchmark
## INFO [22:12:57.683] Result of batch 46:
## INFO [22:12:57.683]   k AUC
## INFO [22:12:57.683] 29  1
## INFO [22:12:57.683] 46 configurations evaluated
## INFO [22:12:57.698] Evaluating 1 configurations
## INFO [22:12:57.698]   k
## INFO [22:12:57.698] 11
## INFO [22:12:57.714] Benchmark with 5 resampling iterations
## INFO [22:12:57.714] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:12:58.292] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:12:59.324] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:12:59.886] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:00.456] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:01.028] Finished benchmark
## INFO [22:13:01.043] Result of batch 47:
## INFO [22:13:01.043]   k AUC
## INFO [22:13:01.043] 11  1
## INFO [22:13:01.043] 47 configurations evaluated
## INFO [22:13:01.059] Evaluating 1 configurations
## INFO [22:13:01.059]   k
## INFO [22:13:01.059] 12
## INFO [22:13:01.074] Benchmark with 5 resampling iterations
## INFO [22:13:01.074] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:01.659] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:02.284] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:02.862] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:03.437] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:04.019] Finished benchmark
## INFO [22:13:04.035] Result of batch 48:
## INFO [22:13:04.050]   k AUC
## INFO [22:13:04.050] 12  1
## INFO [22:13:04.050] 48 configurations evaluated
## INFO [22:13:04.050] Evaluating 1 configurations

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## INFO [22:13:04.066] k
## INFO [22:13:04.066] 39
## INFO [22:13:04.081] Benchmark with 5 resampling iterations
## INFO [22:13:04.081] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:04.878] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:05.713] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:06.495] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:07.276] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:08.507] Finished benchmark
## INFO [22:13:08.522] Result of batch 49:
## INFO [22:13:08.522] k AUC
## INFO [22:13:08.522] 39 0.9999985
## INFO [22:13:08.522] 49 configurations evaluated
## INFO [22:13:08.538] Evaluating 1 configurations
## INFO [22:13:08.538] k
## INFO [22:13:08.538] 2
## INFO [22:13:08.554] Benchmark with 5 resampling iterations
## INFO [22:13:08.554] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:09.041] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:09.541] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:10.026] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:10.532] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:11.011] Finished benchmark
## INFO [22:13:11.026] Result of batch 50:
## INFO [22:13:11.026] k AUC
## INFO [22:13:11.026] 2 1
## INFO [22:13:11.042] 50 configurations evaluated
## INFO [22:13:11.042] Finished tuning after 50 evals
## INFO [22:13:11.232] Tuned x: k=37
## INFO [22:13:11.232] Tuned y: AUC=1
## INFO [22:13:11.782] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 6/10)
## INFO [22:13:11.798] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:13:11.798] Terminator settings: n_evals=50
## INFO [22:13:11.813] Evaluating 1 configurations
## INFO [22:13:11.813] k
## INFO [22:13:11.813] 19
## INFO [22:13:11.829] Benchmark with 5 resampling iterations
## INFO [22:13:11.829] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:12.501] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:13.173] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:13.791] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:14.485] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:15.126] Finished benchmark
## INFO [22:13:15.142] Result of batch 1:
## INFO [22:13:15.157] k AUC
## INFO [22:13:15.157] 19 1
## INFO [22:13:15.157] 1 configurations evaluated
## INFO [22:13:15.173] Evaluating 1 configurations
## INFO [22:13:15.173] k
## INFO [22:13:15.173] 34
## INFO [22:13:15.189] Benchmark with 5 resampling iterations
## INFO [22:13:15.189] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:15.985] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:16.758] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:13:17.492] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:18.242] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:19.009] Finished benchmark
## INFO [22:13:19.024] Result of batch 2:
## INFO [22:13:19.024]   k AUC
## INFO [22:13:19.024] 34   1
## INFO [22:13:19.040] 2 configurations evaluated
## INFO [22:13:19.040] Evaluating 1 configurations
## INFO [22:13:19.055]   k
## INFO [22:13:19.055] 42
## INFO [22:13:19.071] Benchmark with 5 resampling iterations
## INFO [22:13:19.071] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:19.884] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:20.718] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:21.515] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:22.327] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:23.147] Finished benchmark
## INFO [22:13:23.163] Result of batch 3:
## INFO [22:13:23.178]   k      AUC
## INFO [22:13:23.178] 42 0.9999989
## INFO [22:13:23.178] 3 configurations evaluated
## INFO [22:13:23.178] Evaluating 1 configurations
## INFO [22:13:23.194]   k
## INFO [22:13:23.194] 41
## INFO [22:13:23.210] Benchmark with 5 resampling iterations
## INFO [22:13:23.210] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:24.007] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:24.851] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:25.663] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:26.554] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:27.367] Finished benchmark
## INFO [22:13:27.382] Result of batch 4:
## INFO [22:13:27.382]   k      AUC
## INFO [22:13:27.382] 41 0.9999989
## INFO [22:13:27.382] 4 configurations evaluated
## INFO [22:13:27.398] Evaluating 1 configurations
## INFO [22:13:27.398]   k
## INFO [22:13:27.398] 27
## INFO [22:13:27.429] Benchmark with 5 resampling iterations
## INFO [22:13:27.429] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:28.148] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:28.945] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:29.632] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:30.335] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:31.039] Finished benchmark
## INFO [22:13:31.055] Result of batch 5:
## INFO [22:13:31.055]   k AUC
## INFO [22:13:31.055] 27   1
## INFO [22:13:31.055] 5 configurations evaluated
## INFO [22:13:31.086] Evaluating 1 configurations
## INFO [22:13:31.086]   k
## INFO [22:13:31.086] 26
## INFO [22:13:31.101] Benchmark with 5 resampling iterations
## INFO [22:13:31.101] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:13:31.810] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:32.545] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:33.224] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:33.927] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:35.084] Finished benchmark
## INFO [22:13:35.084] Result of batch 6:
## INFO [22:13:35.099] k AUC
## INFO [22:13:35.099] 26 1
## INFO [22:13:35.099] 6 configurations evaluated
## INFO [22:13:35.115] Evaluating 1 configurations
## INFO [22:13:35.115] k
## INFO [22:13:35.115] 32
## INFO [22:13:35.130] Benchmark with 5 resampling iterations
## INFO [22:13:35.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:35.874] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:36.655] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:37.374] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:38.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:38.876] Finished benchmark
## INFO [22:13:38.902] Result of batch 7:
## INFO [22:13:38.905] k AUC
## INFO [22:13:38.905] 32 1
## INFO [22:13:38.907] 7 configurations evaluated
## INFO [22:13:38.912] Evaluating 1 configurations
## INFO [22:13:38.912] k
## INFO [22:13:38.912] 47
## INFO [22:13:38.928] Benchmark with 5 resampling iterations
## INFO [22:13:38.928] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:39.818] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:40.684] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:41.528] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:42.367] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:43.227] Finished benchmark
## INFO [22:13:43.243] Result of batch 8:
## INFO [22:13:43.243] k AUC
## INFO [22:13:43.243] 47 0.9999974
## INFO [22:13:43.243] 8 configurations evaluated
## INFO [22:13:43.258] Evaluating 1 configurations
## INFO [22:13:43.258] k
## INFO [22:13:43.258] 46
## INFO [22:13:43.290] Benchmark with 5 resampling iterations
## INFO [22:13:43.290] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:44.168] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:45.024] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:46.388] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:47.222] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:48.066] Finished benchmark
## INFO [22:13:48.081] Result of batch 9:
## INFO [22:13:48.081] k AUC
## INFO [22:13:48.081] 46 0.9999978
## INFO [22:13:48.081] 9 configurations evaluated
## INFO [22:13:48.097] Evaluating 1 configurations
## INFO [22:13:48.097] k
## INFO [22:13:48.097] 43

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## INFO [22:13:48.113] Benchmark with 5 resampling iterations
## INFO [22:13:48.128] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:48.956] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:49.806] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:50.619] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:51.546] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:52.365] Finished benchmark
## INFO [22:13:52.381] Result of batch 10:
## INFO [22:13:52.381]   k      AUC
## INFO [22:13:52.381] 43 0.9999989
## INFO [22:13:52.396] 10 configurations evaluated
## INFO [22:13:52.399] Evaluating 1 configurations
## INFO [22:13:52.399]   k
## INFO [22:13:52.399] 18
## INFO [22:13:52.430] Benchmark with 5 resampling iterations
## INFO [22:13:52.430] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:53.055] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:53.727] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:54.336] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:54.965] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:55.609] Finished benchmark
## INFO [22:13:55.624] Result of batch 11:
## INFO [22:13:55.624]   k AUC
## INFO [22:13:55.624] 18  1
## INFO [22:13:55.624] 11 configurations evaluated
## INFO [22:13:55.640] Evaluating 1 configurations
## INFO [22:13:55.640]   k
## INFO [22:13:55.640] 28
## INFO [22:13:55.655] Benchmark with 5 resampling iterations
## INFO [22:13:55.655] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:56.405] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:13:57.140] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:13:57.856] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:13:58.546] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:13:59.265] Finished benchmark
## INFO [22:13:59.281] Result of batch 12:
## INFO [22:13:59.281]   k AUC
## INFO [22:13:59.281] 28  1
## INFO [22:13:59.296] 12 configurations evaluated
## INFO [22:13:59.296] Evaluating 1 configurations
## INFO [22:13:59.296]   k
## INFO [22:13:59.296] 9
## INFO [22:13:59.328] Benchmark with 5 resampling iterations
## INFO [22:13:59.328] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:13:59.890] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:00.455] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:00.999] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:01.533] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:02.096] Finished benchmark
## INFO [22:14:02.111] Result of batch 13:
## INFO [22:14:02.111]   k AUC
## INFO [22:14:02.111] 9  1
## INFO [22:14:02.111] 13 configurations evaluated
## INFO [22:14:02.127] Evaluating 1 configurations

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## INFO [22:14:02.127] k
## INFO [22:14:02.127] 3
## INFO [22:14:02.143] Benchmark with 5 resampling iterations
## INFO [22:14:02.143] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:02.658] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:03.180] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:03.662] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:04.180] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:04.712] Finished benchmark
## INFO [22:14:04.712] Result of batch 14:
## INFO [22:14:04.727] k AUC
## INFO [22:14:04.727] 3 1
## INFO [22:14:04.727] 14 configurations evaluated
## INFO [22:14:04.743] Evaluating 1 configurations
## INFO [22:14:04.743] k
## INFO [22:14:04.743] 38
## INFO [22:14:04.759] Benchmark with 5 resampling iterations
## INFO [22:14:04.759] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:05.562] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:06.387] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:07.155] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:07.937] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:08.733] Finished benchmark
## INFO [22:14:08.749] Result of batch 15:
## INFO [22:14:08.749] k AUC
## INFO [22:14:08.749] 38 1
## INFO [22:14:08.749] 15 configurations evaluated
## INFO [22:14:08.765] Evaluating 1 configurations
## INFO [22:14:08.765] k
## INFO [22:14:08.765] 20
## INFO [22:14:08.780] Benchmark with 5 resampling iterations
## INFO [22:14:08.796] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:09.940] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:10.662] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:11.302] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:11.949] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:12.606] Finished benchmark
## INFO [22:14:12.622] Result of batch 16:
## INFO [22:14:12.637] k AUC
## INFO [22:14:12.637] 20 1
## INFO [22:14:12.637] 16 configurations evaluated
## INFO [22:14:12.653] Evaluating 1 configurations
## INFO [22:14:12.653] k
## INFO [22:14:12.653] 13
## INFO [22:14:12.668] Benchmark with 5 resampling iterations
## INFO [22:14:12.668] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:13.262] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:13.856] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:14.425] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:15.015] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:15.612] Finished benchmark
## INFO [22:14:15.628] Result of batch 17:
## INFO [22:14:15.643] k AUC
## INFO [22:14:15.643] 13 1

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## INFO [22:14:15.643] 17 configurations evaluated
## INFO [22:14:15.659] Evaluating 1 configurations
## INFO [22:14:15.659] k
## INFO [22:14:15.659] 22
## INFO [22:14:15.675] Benchmark with 5 resampling iterations
## INFO [22:14:15.675] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:16.359] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:17.049] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:17.693] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:18.365] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:19.043] Finished benchmark
## INFO [22:14:19.059] Result of batch 18:
## INFO [22:14:19.059] k AUC
## INFO [22:14:19.059] 22 1
## INFO [22:14:19.059] 18 configurations evaluated
## INFO [22:14:19.074] Evaluating 1 configurations
## INFO [22:14:19.074] k
## INFO [22:14:19.074] 2
## INFO [22:14:19.090] Benchmark with 5 resampling iterations
## INFO [22:14:19.090] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:19.587] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:20.090] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:20.559] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:21.071] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:21.555] Finished benchmark
## INFO [22:14:21.571] Result of batch 19:
## INFO [22:14:21.571] k AUC
## INFO [22:14:21.571] 2 1
## INFO [22:14:21.571] 19 configurations evaluated
## INFO [22:14:21.587] Evaluating 1 configurations
## INFO [22:14:21.587] k
## INFO [22:14:21.587] 7
## INFO [22:14:21.618] Benchmark with 5 resampling iterations
## INFO [22:14:21.618] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:22.180] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:22.718] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:23.246] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:23.781] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:24.328] Finished benchmark
## INFO [22:14:24.343] Result of batch 20:
## INFO [22:14:24.343] k AUC
## INFO [22:14:24.343] 7 1
## INFO [22:14:24.343] 20 configurations evaluated
## INFO [22:14:24.359] Evaluating 1 configurations
## INFO [22:14:24.359] k
## INFO [22:14:24.359] 50
## INFO [22:14:24.390] Benchmark with 5 resampling iterations
## INFO [22:14:24.390] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:25.287] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:26.162] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:27.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:27.980] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:28.887] Finished benchmark
## INFO [22:14:28.903] Result of batch 21:

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## INFO [22:14:28.903] k AUC
## INFO [22:14:28.903] 50 0.9999951
## INFO [22:14:28.903] 21 configurations evaluated
## INFO [22:14:28.918] Evaluating 1 configurations
## INFO [22:14:28.918] k
## INFO [22:14:28.918] 6
## INFO [22:14:28.934] Benchmark with 5 resampling iterations
## INFO [22:14:28.934] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:29.496] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:30.028] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:30.560] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:31.074] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:31.637] Finished benchmark
## INFO [22:14:31.653] Result of batch 22:
## INFO [22:14:31.653] k AUC
## INFO [22:14:31.653] 6 1
## INFO [22:14:31.653] 22 configurations evaluated
## INFO [22:14:31.668] Evaluating 1 configurations
## INFO [22:14:31.668] k
## INFO [22:14:31.668] 1
## INFO [22:14:31.684] Benchmark with 5 resampling iterations
## INFO [22:14:31.684] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:32.168] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:32.643] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:33.109] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:33.581] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:34.066] Finished benchmark
## INFO [22:14:34.081] Result of batch 23:
## INFO [22:14:34.081] k AUC
## INFO [22:14:34.081] 1 1
## INFO [22:14:34.081] 23 configurations evaluated
## INFO [22:14:34.097] Evaluating 1 configurations
## INFO [22:14:34.097] k
## INFO [22:14:34.097] 36
## INFO [22:14:34.112] Benchmark with 5 resampling iterations
## INFO [22:14:34.112] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:34.911] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:35.703] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:36.450] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:37.212] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:38.087] Finished benchmark
## INFO [22:14:38.109] Result of batch 24:
## INFO [22:14:38.109] k AUC
## INFO [22:14:38.109] 36 1
## INFO [22:14:38.109] 24 configurations evaluated
## INFO [22:14:38.125] Evaluating 1 configurations
## INFO [22:14:38.125] k
## INFO [22:14:38.125] 15
## INFO [22:14:38.141] Benchmark with 5 resampling iterations
## INFO [22:14:38.141] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:39.203] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:39.796] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:40.390] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:41.002] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:14:41.616] Finished benchmark
## INFO [22:14:41.632] Result of batch 25:
## INFO [22:14:41.632]   k AUC
## INFO [22:14:41.632]   15   1
## INFO [22:14:41.632] 25 configurations evaluated
## INFO [22:14:41.648] Evaluating 1 configurations
## INFO [22:14:41.648]   k
## INFO [22:14:41.648]   16
## INFO [22:14:41.663] Benchmark with 5 resampling iterations
## INFO [22:14:41.679] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:42.304] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:42.929] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:43.529] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:44.139] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:44.779] Finished benchmark
## INFO [22:14:44.795] Result of batch 26:
## INFO [22:14:44.795]   k AUC
## INFO [22:14:44.795]   16   1
## INFO [22:14:44.795] 26 configurations evaluated
## INFO [22:14:44.810] Evaluating 1 configurations
## INFO [22:14:44.810]   k
## INFO [22:14:44.810]   14
## INFO [22:14:44.826] Benchmark with 5 resampling iterations
## INFO [22:14:44.826] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:45.435] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:46.038] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:46.629] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:47.241] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:47.835] Finished benchmark
## INFO [22:14:47.850] Result of batch 27:
## INFO [22:14:47.850]   k AUC
## INFO [22:14:47.850]   14   1
## INFO [22:14:47.850] 27 configurations evaluated
## INFO [22:14:47.866] Evaluating 1 configurations
## INFO [22:14:47.882]   k
## INFO [22:14:47.882]   24
## INFO [22:14:47.897] Benchmark with 5 resampling iterations
## INFO [22:14:47.897] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:48.607] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:49.295] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:49.967] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:50.660] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:51.347] Finished benchmark
## INFO [22:14:51.363] Result of batch 28:
## INFO [22:14:51.363]   k AUC
## INFO [22:14:51.363]   24   1
## INFO [22:14:51.363] 28 configurations evaluated
## INFO [22:14:51.378] Evaluating 1 configurations
## INFO [22:14:51.378]   k
## INFO [22:14:51.378]   25
## INFO [22:14:51.394] Benchmark with 5 resampling iterations
## INFO [22:14:51.394] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:52.100] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:52.835] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:14:53.497] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:54.185] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:54.904] Finished benchmark
## INFO [22:14:54.919] Result of batch 29:
## INFO [22:14:54.919]   k AUC
## INFO [22:14:54.919] 25   1
## INFO [22:14:54.919] 29 configurations evaluated
## INFO [22:14:54.935] Evaluating 1 configurations
## INFO [22:14:54.935]   k
## INFO [22:14:54.935] 37
## INFO [22:14:54.951] Benchmark with 5 resampling iterations
## INFO [22:14:54.951] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:55.738] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:14:56.648] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:14:57.385] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:14:58.166] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:14:58.963] Finished benchmark
## INFO [22:14:58.978] Result of batch 30:
## INFO [22:14:58.978]   k AUC
## INFO [22:14:58.978] 37   1
## INFO [22:14:58.978] 30 configurations evaluated
## INFO [22:14:58.994] Evaluating 1 configurations
## INFO [22:14:58.994]   k
## INFO [22:14:58.994] 48
## INFO [22:14:59.010] Benchmark with 5 resampling iterations
## INFO [22:14:59.010] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:14:59.891] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:00.804] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:01.629] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:02.491] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:03.466] Finished benchmark
## INFO [22:15:03.482] Result of batch 31:
## INFO [22:15:03.482]   k      AUC
## INFO [22:15:03.482] 48 0.9999955
## INFO [22:15:03.482] 31 configurations evaluated
## INFO [22:15:03.497] Evaluating 1 configurations
## INFO [22:15:03.497]   k
## INFO [22:15:03.497] 39
## INFO [22:15:03.513] Benchmark with 5 resampling iterations
## INFO [22:15:03.529] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:04.341] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:05.153] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:05.938] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:06.707] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:07.520] Finished benchmark
## INFO [22:15:07.520] Result of batch 32:
## INFO [22:15:07.535]   k AUC
## INFO [22:15:07.535] 39   1
## INFO [22:15:07.535] 32 configurations evaluated
## INFO [22:15:07.551] Evaluating 1 configurations
## INFO [22:15:07.551]   k
## INFO [22:15:07.551] 45
## INFO [22:15:07.567] Benchmark with 5 resampling iterations
## INFO [22:15:07.567] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:15:08.432] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:09.730] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:10.542] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:11.383] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:12.226] Finished benchmark
## INFO [22:15:12.242] Result of batch 33:
## INFO [22:15:12.242]   k      AUC
## INFO [22:15:12.242] 45 0.9999989
## INFO [22:15:12.242] 33 configurations evaluated
## INFO [22:15:12.258] Evaluating 1 configurations
## INFO [22:15:12.258]   k
## INFO [22:15:12.258] 12
## INFO [22:15:12.289] Benchmark with 5 resampling iterations
## INFO [22:15:12.289] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:12.883] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:13.457] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:14.024] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:14.633] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:15.211] Finished benchmark
## INFO [22:15:15.233] Result of batch 34:
## INFO [22:15:15.233]   k AUC
## INFO [22:15:15.233] 12  1
## INFO [22:15:15.233] 34 configurations evaluated
## INFO [22:15:15.249] Evaluating 1 configurations
## INFO [22:15:15.249]   k
## INFO [22:15:15.249] 17
## INFO [22:15:15.265] Benchmark with 5 resampling iterations
## INFO [22:15:15.265] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:15.899] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:16.577] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:17.186] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:17.827] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:18.452] Finished benchmark
## INFO [22:15:18.468] Result of batch 35:
## INFO [22:15:18.468]   k AUC
## INFO [22:15:18.468] 17  1
## INFO [22:15:18.483] 35 configurations evaluated
## INFO [22:15:18.483] Evaluating 1 configurations
## INFO [22:15:18.499]   k
## INFO [22:15:18.499] 29
## INFO [22:15:18.514] Benchmark with 5 resampling iterations
## INFO [22:15:18.514] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:19.256] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:19.990] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:20.693] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:21.427] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:22.158] Finished benchmark
## INFO [22:15:22.158] Result of batch 36:
## INFO [22:15:22.174]   k AUC
## INFO [22:15:22.174] 29  1
## INFO [22:15:22.174] 36 configurations evaluated
## INFO [22:15:22.189] Evaluating 1 configurations
## INFO [22:15:22.189]   k
## INFO [22:15:22.189] 31

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## INFO [22:15:22.205] Benchmark with 5 resampling iterations
## INFO [22:15:22.205] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:22.974] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:23.740] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:24.461] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:25.184] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:25.962] Finished benchmark
## INFO [22:15:25.977] Result of batch 37:
## INFO [22:15:25.977]   k AUC
## INFO [22:15:25.977] 31  1
## INFO [22:15:25.977] 37 configurations evaluated
## INFO [22:15:25.993] Evaluating 1 configurations
## INFO [22:15:25.993]   k
## INFO [22:15:25.993]  8
## INFO [22:15:26.009] Benchmark with 5 resampling iterations
## INFO [22:15:26.024] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:26.571] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:27.120] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:27.655] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:28.199] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:28.750] Finished benchmark
## INFO [22:15:28.750] Result of batch 38:
## INFO [22:15:28.765]   k AUC
## INFO [22:15:28.765]  8  1
## INFO [22:15:28.765] 38 configurations evaluated
## INFO [22:15:28.781] Evaluating 1 configurations
## INFO [22:15:28.781]   k
## INFO [22:15:28.781] 11
## INFO [22:15:28.797] Benchmark with 5 resampling iterations
## INFO [22:15:28.797] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:29.390] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:29.968] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:30.531] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:31.091] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:31.666] Finished benchmark
## INFO [22:15:31.682] Result of batch 39:
## INFO [22:15:31.682]   k AUC
## INFO [22:15:31.682] 11  1
## INFO [22:15:31.682] 39 configurations evaluated
## INFO [22:15:31.698] Evaluating 1 configurations
## INFO [22:15:31.698]   k
## INFO [22:15:31.698] 40
## INFO [22:15:31.713] Benchmark with 5 resampling iterations
## INFO [22:15:31.713] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:32.544] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:33.363] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:34.142] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:34.957] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:35.770] Finished benchmark
## INFO [22:15:35.785] Result of batch 40:
## INFO [22:15:35.785]   k AUC
## INFO [22:15:35.785] 40  1
## INFO [22:15:35.785] 40 configurations evaluated
## INFO [22:15:35.801] Evaluating 1 configurations

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## INFO [22:15:35.801] k
## INFO [22:15:35.801] 4
## INFO [22:15:35.817] Benchmark with 5 resampling iterations
## INFO [22:15:35.817] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:36.345] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:36.847] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:37.363] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:37.879] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:38.400] Finished benchmark
## INFO [22:15:38.416] Result of batch 41:
## INFO [22:15:38.416] k AUC
## INFO [22:15:38.416] 4 1
## INFO [22:15:38.416] 41 configurations evaluated
## INFO [22:15:38.432] Evaluating 1 configurations
## INFO [22:15:38.432] k
## INFO [22:15:38.432] 10
## INFO [22:15:38.447] Benchmark with 5 resampling iterations
## INFO [22:15:38.447] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:39.037] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:39.604] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:40.151] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:40.714] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:41.270] Finished benchmark
## INFO [22:15:41.286] Result of batch 42:
## INFO [22:15:41.302] k AUC
## INFO [22:15:41.302] 10 1
## INFO [22:15:41.302] 42 configurations evaluated
## INFO [22:15:41.317] Evaluating 1 configurations
## INFO [22:15:41.317] k
## INFO [22:15:41.317] 35
## INFO [22:15:41.338] Benchmark with 5 resampling iterations
## INFO [22:15:41.339] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:42.114] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:42.895] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:43.636] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:44.386] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:45.183] Finished benchmark
## INFO [22:15:45.198] Result of batch 43:
## INFO [22:15:45.198] k AUC
## INFO [22:15:45.198] 35 1
## INFO [22:15:45.198] 43 configurations evaluated
## INFO [22:15:45.214] Evaluating 1 configurations
## INFO [22:15:45.214] k
## INFO [22:15:45.214] 5
## INFO [22:15:45.230] Benchmark with 5 resampling iterations
## INFO [22:15:45.230] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:45.761] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:46.286] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:46.799] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:47.317] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:47.848] Finished benchmark
## INFO [22:15:47.864] Result of batch 44:
## INFO [22:15:47.864] k AUC
## INFO [22:15:47.864] 5 1

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## INFO [22:15:47.864] 44 configurations evaluated
## INFO [22:15:47.879] Evaluating 1 configurations
## INFO [22:15:47.879] k
## INFO [22:15:47.879] 30
## INFO [22:15:47.911] Benchmark with 5 resampling iterations
## INFO [22:15:47.911] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:48.651] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:49.402] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:50.121] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:50.856] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:51.608] Finished benchmark
## INFO [22:15:51.624] Result of batch 45:
## INFO [22:15:51.624] k AUC
## INFO [22:15:51.624] 30 1
## INFO [22:15:51.624] 45 configurations evaluated
## INFO [22:15:51.640] Evaluating 1 configurations
## INFO [22:15:51.640] k
## INFO [22:15:51.640] 21
## INFO [22:15:51.671] Benchmark with 5 resampling iterations
## INFO [22:15:51.671] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:52.377] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:53.049] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:53.712] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:54.415] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:55.087] Finished benchmark
## INFO [22:15:55.103] Result of batch 46:
## INFO [22:15:55.103] k AUC
## INFO [22:15:55.103] 21 1
## INFO [22:15:55.103] 46 configurations evaluated
## INFO [22:15:55.118] Evaluating 1 configurations
## INFO [22:15:55.118] k
## INFO [22:15:55.118] 23
## INFO [22:15:55.134] Benchmark with 5 resampling iterations
## INFO [22:15:55.134] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:55.853] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:15:56.528] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:15:57.187] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:15:57.937] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:15:58.600] Finished benchmark
## INFO [22:15:58.616] Result of batch 47:
## INFO [22:15:58.631] k AUC
## INFO [22:15:58.631] 23 1
## INFO [22:15:58.631] 47 configurations evaluated
## INFO [22:15:58.636] Evaluating 1 configurations
## INFO [22:15:58.636] k
## INFO [22:15:58.636] 33
## INFO [22:15:58.667] Benchmark with 5 resampling iterations
## INFO [22:15:58.667] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:15:59.433] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:00.214] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:00.970] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:01.702] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:02.470] Finished benchmark
## INFO [22:16:02.470] Result of batch 48:

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## INFO [22:16:02.486] k AUC
## INFO [22:16:02.486] 33 1
## INFO [22:16:02.486] 48 configurations evaluated
## INFO [22:16:02.502] Evaluating 1 configurations
## INFO [22:16:02.502] k
## INFO [22:16:02.502] 44
## INFO [22:16:02.517] Benchmark with 5 resampling iterations
## INFO [22:16:02.517] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:03.377] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:04.224] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:05.009] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:05.837] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:06.715] Finished benchmark
## INFO [22:16:06.731] Result of batch 49:
## INFO [22:16:06.731] k AUC
## INFO [22:16:06.731] 44 0.9999989
## INFO [22:16:06.731] 49 configurations evaluated
## INFO [22:16:06.746] Evaluating 1 configurations
## INFO [22:16:06.746] k
## INFO [22:16:06.746] 49
## INFO [22:16:06.762] Benchmark with 5 resampling iterations
## INFO [22:16:06.778] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:07.656] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:08.537] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:09.362] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:10.209] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:11.090] Finished benchmark
## INFO [22:16:11.106] Result of batch 50:
## INFO [22:16:11.106] k AUC
## INFO [22:16:11.106] 49 0.9999951
## INFO [22:16:11.106] 50 configurations evaluated
## INFO [22:16:11.121] Finished tuning after 50 evals
## INFO [22:16:11.309] Tuned x: k=8
## INFO [22:16:11.309] Tuned y: AUC=1
## INFO [22:16:11.711] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 7/10)
## INFO [22:16:11.742] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:16:11.742] Terminator settings: n_evals=50
## INFO [22:16:11.742] Evaluating 1 configurations
## INFO [22:16:11.742] k
## INFO [22:16:11.742] 8
## INFO [22:16:11.758] Benchmark with 5 resampling iterations
## INFO [22:16:11.774] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:12.340] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:12.887] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:13.456] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:13.984] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:14.535] Finished benchmark
## INFO [22:16:14.551] Result of batch 1:
## INFO [22:16:14.566] k AUC
## INFO [22:16:14.566] 8 1
## INFO [22:16:14.566] 1 configurations evaluated
## INFO [22:16:14.566] Evaluating 1 configurations
## INFO [22:16:14.582] k
## INFO [22:16:14.582] 46

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## INFO [22:16:14.597] Benchmark with 5 resampling iterations
## INFO [22:16:14.597] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:15.441] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:16.316] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:17.676] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:18.495] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:19.344] Finished benchmark
## INFO [22:16:19.344] Result of batch 2:
## INFO [22:16:19.360]   k AUC
## INFO [22:16:19.360] 46   1
## INFO [22:16:19.360] 2 configurations evaluated
## INFO [22:16:19.375] Evaluating 1 configurations
## INFO [22:16:19.375]   k
## INFO [22:16:19.375] 6
## INFO [22:16:19.391] Benchmark with 5 resampling iterations
## INFO [22:16:19.391] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:19.947] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:20.463] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:20.985] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:21.528] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:22.048] Finished benchmark
## INFO [22:16:22.064] Result of batch 3:
## INFO [22:16:22.079]   k AUC
## INFO [22:16:22.079] 6   1
## INFO [22:16:22.079] 3 configurations evaluated
## INFO [22:16:22.079] Evaluating 1 configurations
## INFO [22:16:22.095]   k
## INFO [22:16:22.095] 2
## INFO [22:16:22.110] Benchmark with 5 resampling iterations
## INFO [22:16:22.110] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:22.610] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:23.110] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:23.602] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:24.098] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:24.586] Finished benchmark
## INFO [22:16:24.602] Result of batch 4:
## INFO [22:16:24.602]   k AUC
## INFO [22:16:24.602] 2   1
## INFO [22:16:24.602] 4 configurations evaluated
## INFO [22:16:24.617] Evaluating 1 configurations
## INFO [22:16:24.617]   k
## INFO [22:16:24.617] 43
## INFO [22:16:24.633] Benchmark with 5 resampling iterations
## INFO [22:16:24.633] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:25.461] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:26.320] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:27.133] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:27.930] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:28.765] Finished benchmark
## INFO [22:16:28.780] Result of batch 5:
## INFO [22:16:28.780]   k AUC
## INFO [22:16:28.780] 43   1
## INFO [22:16:28.780] 5 configurations evaluated
## INFO [22:16:28.796] Evaluating 1 configurations

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## INFO [22:16:28.796] k
## INFO [22:16:28.796] 5
## INFO [22:16:28.811] Benchmark with 5 resampling iterations
## INFO [22:16:28.811] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:29.340] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:29.874] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:30.389] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:30.936] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:31.452] Finished benchmark
## INFO [22:16:31.467] Result of batch 6:
## INFO [22:16:31.467] k AUC
## INFO [22:16:31.467] 5 1
## INFO [22:16:31.467] 6 configurations evaluated
## INFO [22:16:31.483] Evaluating 1 configurations
## INFO [22:16:31.483] k
## INFO [22:16:31.483] 33
## INFO [22:16:31.499] Benchmark with 5 resampling iterations
## INFO [22:16:31.514] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:32.271] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:33.068] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:33.803] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:34.543] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:35.321] Finished benchmark
## INFO [22:16:35.336] Result of batch 7:
## INFO [22:16:35.336] k AUC
## INFO [22:16:35.336] 33 1
## INFO [22:16:35.336] 7 configurations evaluated
## INFO [22:16:35.352] Evaluating 1 configurations
## INFO [22:16:35.352] k
## INFO [22:16:35.352] 20
## INFO [22:16:35.368] Benchmark with 5 resampling iterations
## INFO [22:16:35.368] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:36.013] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:36.669] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:37.331] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:37.953] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:38.628] Finished benchmark
## INFO [22:16:38.643] Result of batch 8:
## INFO [22:16:38.659] k AUC
## INFO [22:16:38.659] 20 1
## INFO [22:16:38.659] 8 configurations evaluated
## INFO [22:16:38.659] Evaluating 1 configurations
## INFO [22:16:38.675] k
## INFO [22:16:38.675] 11
## INFO [22:16:38.690] Benchmark with 5 resampling iterations
## INFO [22:16:38.690] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:39.253] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:39.837] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:40.396] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:40.978] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:41.584] Finished benchmark
## INFO [22:16:41.599] Result of batch 9:
## INFO [22:16:41.599] k AUC
## INFO [22:16:41.599] 11 1

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## INFO [22:16:41.599] 9 configurations evaluated
## INFO [22:16:41.615] Evaluating 1 configurations
## INFO [22:16:41.615] k
## INFO [22:16:41.615] 26
## INFO [22:16:41.630] Benchmark with 5 resampling iterations
## INFO [22:16:41.630] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:42.324] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:43.100] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:43.809] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:44.498] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:45.217] Finished benchmark
## INFO [22:16:45.232] Result of batch 10:
## INFO [22:16:45.232] k AUC
## INFO [22:16:45.232] 26 1
## INFO [22:16:45.232] 10 configurations evaluated
## INFO [22:16:45.248] Evaluating 1 configurations
## INFO [22:16:45.248] k
## INFO [22:16:45.248] 35
## INFO [22:16:45.263] Benchmark with 5 resampling iterations
## INFO [22:16:45.263] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:46.045] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:46.808] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:47.567] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:48.348] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:49.101] Finished benchmark
## INFO [22:16:49.116] Result of batch 11:
## INFO [22:16:49.116] k AUC
## INFO [22:16:49.116] 35 1
## INFO [22:16:49.116] 11 configurations evaluated
## INFO [22:16:49.132] Evaluating 1 configurations
## INFO [22:16:49.132] k
## INFO [22:16:49.132] 22
## INFO [22:16:49.163] Benchmark with 5 resampling iterations
## INFO [22:16:49.163] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:49.824] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:50.511] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:51.186] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:51.838] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:52.580] Finished benchmark
## INFO [22:16:52.596] Result of batch 12:
## INFO [22:16:52.596] k AUC
## INFO [22:16:52.596] 22 1
## INFO [22:16:52.596] 12 configurations evaluated
## INFO [22:16:52.611] Evaluating 1 configurations
## INFO [22:16:52.611] k
## INFO [22:16:52.611] 49
## INFO [22:16:52.627] Benchmark with 5 resampling iterations
## INFO [22:16:52.627] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:53.486] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:54.434] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:55.277] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:16:56.128] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:16:57.000] Finished benchmark
## INFO [22:16:57.015] Result of batch 13:

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## INFO [22:16:57.023] k AUC
## INFO [22:16:57.023] 49 1
## INFO [22:16:57.025] 13 configurations evaluated
## INFO [22:16:57.033] Evaluating 1 configurations
## INFO [22:16:57.033] k
## INFO [22:16:57.033] 45
## INFO [22:16:57.049] Benchmark with 5 resampling iterations
## INFO [22:16:57.049] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:16:58.018] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:16:58.861] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:16:59.689] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:00.537] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:01.378] Finished benchmark
## INFO [22:17:01.394] Result of batch 14:
## INFO [22:17:01.394] k AUC
## INFO [22:17:01.394] 45 1
## INFO [22:17:01.394] 14 configurations evaluated
## INFO [22:17:01.409] Evaluating 1 configurations
## INFO [22:17:01.409] k
## INFO [22:17:01.409] 17
## INFO [22:17:01.425] Benchmark with 5 resampling iterations
## INFO [22:17:01.425] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:02.050] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:02.688] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:03.332] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:03.941] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:04.572] Finished benchmark
## INFO [22:17:04.588] Result of batch 15:
## INFO [22:17:04.588] k AUC
## INFO [22:17:04.588] 17 1
## INFO [22:17:04.588] 15 configurations evaluated
## INFO [22:17:04.603] Evaluating 1 configurations
## INFO [22:17:04.603] k
## INFO [22:17:04.603] 39
## INFO [22:17:04.635] Benchmark with 5 resampling iterations
## INFO [22:17:04.635] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:05.429] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:06.226] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:07.020] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:07.833] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:08.633] Finished benchmark
## INFO [22:17:08.649] Result of batch 16:
## INFO [22:17:08.649] k AUC
## INFO [22:17:08.649] 39 1
## INFO [22:17:08.649] 16 configurations evaluated
## INFO [22:17:08.664] Evaluating 1 configurations
## INFO [22:17:08.664] k
## INFO [22:17:08.664] 30
## INFO [22:17:08.680] Benchmark with 5 resampling iterations
## INFO [22:17:08.680] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:09.433] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:10.246] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:10.977] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:11.709] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:17:12.455] Finished benchmark
## INFO [22:17:12.471] Result of batch 17:
## INFO [22:17:12.471]   k AUC
## INFO [22:17:12.471] 30   1
## INFO [22:17:12.471] 17 configurations evaluated
## INFO [22:17:12.487] Evaluating 1 configurations
## INFO [22:17:12.487]   k
## INFO [22:17:12.487] 44
## INFO [22:17:12.518] Benchmark with 5 resampling iterations
## INFO [22:17:12.518] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:13.333] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:14.681] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:15.497] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:16.321] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:17.137] Finished benchmark
## INFO [22:17:17.153] Result of batch 18:
## INFO [22:17:17.153]   k AUC
## INFO [22:17:17.153] 44   1
## INFO [22:17:17.168] 18 configurations evaluated
## INFO [22:17:17.168] Evaluating 1 configurations
## INFO [22:17:17.184]   k
## INFO [22:17:17.184] 15
## INFO [22:17:17.199] Benchmark with 5 resampling iterations
## INFO [22:17:17.199] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:17.797] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:18.407] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:19.016] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:19.629] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:20.226] Finished benchmark
## INFO [22:17:20.242] Result of batch 19:
## INFO [22:17:20.242]   k AUC
## INFO [22:17:20.242] 15   1
## INFO [22:17:20.242] 19 configurations evaluated
## INFO [22:17:20.257] Evaluating 1 configurations
## INFO [22:17:20.257]   k
## INFO [22:17:20.257] 38
## INFO [22:17:20.273] Benchmark with 5 resampling iterations
## INFO [22:17:20.273] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:21.070] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:21.851] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:22.648] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:23.414] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:24.201] Finished benchmark
## INFO [22:17:24.201] Result of batch 20:
## INFO [22:17:24.217]   k AUC
## INFO [22:17:24.217] 38   1
## INFO [22:17:24.217] 20 configurations evaluated
## INFO [22:17:24.232] Evaluating 1 configurations
## INFO [22:17:24.232]   k
## INFO [22:17:24.232] 18
## INFO [22:17:24.248] Benchmark with 5 resampling iterations
## INFO [22:17:24.248] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:24.870] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:25.529] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:17:26.186] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:26.811] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:27.436] Finished benchmark
## INFO [22:17:27.451] Result of batch 21:
## INFO [22:17:27.451]   k AUC
## INFO [22:17:27.451] 18   1
## INFO [22:17:27.467] 21 configurations evaluated
## INFO [22:17:27.467] Evaluating 1 configurations
## INFO [22:17:27.482]   k
## INFO [22:17:27.482] 21
## INFO [22:17:27.498] Benchmark with 5 resampling iterations
## INFO [22:17:27.498] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:28.173] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:28.849] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:29.505] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:30.167] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:30.821] Finished benchmark
## INFO [22:17:30.836] Result of batch 22:
## INFO [22:17:30.836]   k AUC
## INFO [22:17:30.836] 21   1
## INFO [22:17:30.836] 22 configurations evaluated
## INFO [22:17:30.852] Evaluating 1 configurations
## INFO [22:17:30.852]   k
## INFO [22:17:30.852] 34
## INFO [22:17:30.867] Benchmark with 5 resampling iterations
## INFO [22:17:30.867] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:31.636] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:32.402] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:33.155] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:33.909] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:34.690] Finished benchmark
## INFO [22:17:34.706] Result of batch 23:
## INFO [22:17:34.706]   k AUC
## INFO [22:17:34.706] 34   1
## INFO [22:17:34.706] 23 configurations evaluated
## INFO [22:17:34.721] Evaluating 1 configurations
## INFO [22:17:34.721]   k
## INFO [22:17:34.721] 13
## INFO [22:17:34.737] Benchmark with 5 resampling iterations
## INFO [22:17:34.737] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:35.331] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:35.906] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:36.518] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:37.096] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:37.674] Finished benchmark
## INFO [22:17:37.690] Result of batch 24:
## INFO [22:17:37.706]   k AUC
## INFO [22:17:37.706] 13   1
## INFO [22:17:37.706] 24 configurations evaluated
## INFO [22:17:37.721] Evaluating 1 configurations
## INFO [22:17:37.721]   k
## INFO [22:17:37.721] 32
## INFO [22:17:37.737] Benchmark with 5 resampling iterations
## INFO [22:17:37.737] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:17:38.500] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:39.253] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:39.987] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:40.725] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:41.478] Finished benchmark
## INFO [22:17:41.494] Result of batch 25:
## INFO [22:17:41.509]   k AUC
## INFO [22:17:41.509] 32   1
## INFO [22:17:41.509] 25 configurations evaluated
## INFO [22:17:41.509] Evaluating 1 configurations
## INFO [22:17:41.525]   k
## INFO [22:17:41.525] 7
## INFO [22:17:41.541] Benchmark with 5 resampling iterations
## INFO [22:17:41.541] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:42.072] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:42.619] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:43.142] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:43.689] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:44.251] Finished benchmark
## INFO [22:17:44.267] Result of batch 26:
## INFO [22:17:44.267]   k AUC
## INFO [22:17:44.267] 7   1
## INFO [22:17:44.267] 26 configurations evaluated
## INFO [22:17:44.282] Evaluating 1 configurations
## INFO [22:17:44.282]   k
## INFO [22:17:44.282] 3
## INFO [22:17:44.298] Benchmark with 5 resampling iterations
## INFO [22:17:44.298] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:44.798] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:45.298] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:45.814] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:46.304] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:46.816] Finished benchmark
## INFO [22:17:46.832] Result of batch 27:
## INFO [22:17:46.832]   k AUC
## INFO [22:17:46.832] 3   1
## INFO [22:17:46.832] 27 configurations evaluated
## INFO [22:17:46.847] Evaluating 1 configurations
## INFO [22:17:46.847]   k
## INFO [22:17:46.847] 28
## INFO [22:17:46.863] Benchmark with 5 resampling iterations
## INFO [22:17:46.863] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:47.602] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:48.320] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:49.014] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:50.218] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:50.937] Finished benchmark
## INFO [22:17:50.937] Result of batch 28:
## INFO [22:17:50.952]   k AUC
## INFO [22:17:50.952] 28   1
## INFO [22:17:50.952] 28 configurations evaluated
## INFO [22:17:50.968] Evaluating 1 configurations
## INFO [22:17:50.968]   k
## INFO [22:17:50.968] 4

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## INFO [22:17:50.983] Benchmark with 5 resampling iterations
## INFO [22:17:50.983] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:51.496] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:52.027] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:52.533] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:53.046] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:53.581] Finished benchmark
## INFO [22:17:53.596] Result of batch 29:
## INFO [22:17:53.596]   k AUC
## INFO [22:17:53.596]   4   1
## INFO [22:17:53.596] 29 configurations evaluated
## INFO [22:17:53.612] Evaluating 1 configurations
## INFO [22:17:53.612]   k
## INFO [22:17:53.612]  12
## INFO [22:17:53.627] Benchmark with 5 resampling iterations
## INFO [22:17:53.627] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:54.237] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:54.821] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:55.411] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:55.978] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:17:56.587] Finished benchmark
## INFO [22:17:56.603] Result of batch 30:
## INFO [22:17:56.603]   k AUC
## INFO [22:17:56.603]  12   1
## INFO [22:17:56.603] 30 configurations evaluated
## INFO [22:17:56.618] Evaluating 1 configurations
## INFO [22:17:56.618]   k
## INFO [22:17:56.618]  25
## INFO [22:17:56.634] Benchmark with 5 resampling iterations
## INFO [22:17:56.634] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:17:57.329] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:17:58.029] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:17:58.735] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:17:59.423] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:00.204] Finished benchmark
## INFO [22:18:00.220] Result of batch 31:
## INFO [22:18:00.223]   k AUC
## INFO [22:18:00.223]  25   1
## INFO [22:18:00.225] 31 configurations evaluated
## INFO [22:18:00.232] Evaluating 1 configurations
## INFO [22:18:00.232]   k
## INFO [22:18:00.232]  37
## INFO [22:18:00.248] Benchmark with 5 resampling iterations
## INFO [22:18:00.248] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:01.047] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:01.829] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:02.698] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:03.479] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:04.245] Finished benchmark
## INFO [22:18:04.261] Result of batch 32:
## INFO [22:18:04.261]   k AUC
## INFO [22:18:04.261]  37   1
## INFO [22:18:04.276] 32 configurations evaluated
## INFO [22:18:04.276] Evaluating 1 configurations

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## INFO [22:18:04.276] k
## INFO [22:18:04.276] 23
## INFO [22:18:04.308] Benchmark with 5 resampling iterations
## INFO [22:18:04.308] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:04.964] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:05.663] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:06.341] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:07.013] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:07.676] Finished benchmark
## INFO [22:18:07.691] Result of batch 33:
## INFO [22:18:07.691] k AUC
## INFO [22:18:07.691] 23 1
## INFO [22:18:07.691] 33 configurations evaluated
## INFO [22:18:07.707] Evaluating 1 configurations
## INFO [22:18:07.707] k
## INFO [22:18:07.707] 36
## INFO [22:18:07.723] Benchmark with 5 resampling iterations
## INFO [22:18:07.739] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:08.613] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:09.425] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:10.175] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:10.957] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:11.742] Finished benchmark
## INFO [22:18:11.754] Result of batch 34:
## INFO [22:18:11.754] k AUC
## INFO [22:18:11.754] 36 1
## INFO [22:18:11.754] 34 configurations evaluated
## INFO [22:18:11.769] Evaluating 1 configurations
## INFO [22:18:11.769] k
## INFO [22:18:11.769] 29
## INFO [22:18:11.785] Benchmark with 5 resampling iterations
## INFO [22:18:11.785] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:12.519] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:13.323] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:14.039] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:14.745] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:15.479] Finished benchmark
## INFO [22:18:15.495] Result of batch 35:
## INFO [22:18:15.495] k AUC
## INFO [22:18:15.495] 29 1
## INFO [22:18:15.495] 35 configurations evaluated
## INFO [22:18:15.511] Evaluating 1 configurations
## INFO [22:18:15.511] k
## INFO [22:18:15.511] 9
## INFO [22:18:15.526] Benchmark with 5 resampling iterations
## INFO [22:18:15.526] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:16.089] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:16.647] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:17.214] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:17.745] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:18.329] Finished benchmark
## INFO [22:18:18.345] Result of batch 36:
## INFO [22:18:18.345] k AUC
## INFO [22:18:18.345] 9 1

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## INFO [22:18:18.345] 36 configurations evaluated
## INFO [22:18:18.361] Evaluating 1 configurations
## INFO [22:18:18.361] k
## INFO [22:18:18.361] 19
## INFO [22:18:18.376] Benchmark with 5 resampling iterations
## INFO [22:18:18.376] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:19.029] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:19.689] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:20.803] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:21.430] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:22.074] Finished benchmark
## INFO [22:18:22.090] Result of batch 37:
## INFO [22:18:22.090] k AUC
## INFO [22:18:22.090] 19 1
## INFO [22:18:22.090] 37 configurations evaluated
## INFO [22:18:22.105] Evaluating 1 configurations
## INFO [22:18:22.105] k
## INFO [22:18:22.105] 14
## INFO [22:18:22.137] Benchmark with 5 resampling iterations
## INFO [22:18:22.137] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:22.746] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:23.340] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:23.931] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:24.543] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:25.152] Finished benchmark
## INFO [22:18:25.168] Result of batch 38:
## INFO [22:18:25.168] k AUC
## INFO [22:18:25.168] 14 1
## INFO [22:18:25.168] 38 configurations evaluated
## INFO [22:18:25.183] Evaluating 1 configurations
## INFO [22:18:25.183] k
## INFO [22:18:25.183] 47
## INFO [22:18:25.199] Benchmark with 5 resampling iterations
## INFO [22:18:25.199] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:26.049] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:26.971] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:27.800] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:28.634] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:29.478] Finished benchmark
## INFO [22:18:29.493] Result of batch 39:
## INFO [22:18:29.493] k AUC
## INFO [22:18:29.493] 47 1
## INFO [22:18:29.493] 39 configurations evaluated
## INFO [22:18:29.509] Evaluating 1 configurations
## INFO [22:18:29.509] k
## INFO [22:18:29.509] 40
## INFO [22:18:29.525] Benchmark with 5 resampling iterations
## INFO [22:18:29.525] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:30.340] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:31.156] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:32.047] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:32.847] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:33.679] Finished benchmark
## INFO [22:18:33.694] Result of batch 40:

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## INFO [22:18:33.694] k AUC
## INFO [22:18:33.694] 40 1
## INFO [22:18:33.694] 40 configurations evaluated
## INFO [22:18:33.710] Evaluating 1 configurations
## INFO [22:18:33.710] k
## INFO [22:18:33.710] 31
## INFO [22:18:33.726] Benchmark with 5 resampling iterations
## INFO [22:18:33.726] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:34.476] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:35.232] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:35.951] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:36.701] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:37.451] Finished benchmark
## INFO [22:18:37.467] Result of batch 41:
## INFO [22:18:37.483] k AUC
## INFO [22:18:37.483] 31 1
## INFO [22:18:37.483] 41 configurations evaluated
## INFO [22:18:37.483] Evaluating 1 configurations
## INFO [22:18:37.498] k
## INFO [22:18:37.498] 10
## INFO [22:18:37.514] Benchmark with 5 resampling iterations
## INFO [22:18:37.514] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:38.058] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:38.623] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:39.185] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:39.732] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:40.301] Finished benchmark
## INFO [22:18:40.322] Result of batch 42:
## INFO [22:18:40.325] k AUC
## INFO [22:18:40.325] 10 1
## INFO [22:18:40.327] 42 configurations evaluated
## INFO [22:18:40.329] Evaluating 1 configurations
## INFO [22:18:40.329] k
## INFO [22:18:40.329] 16
## INFO [22:18:40.360] Benchmark with 5 resampling iterations
## INFO [22:18:40.360] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:41.004] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:41.613] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:42.223] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:42.845] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:43.458] Finished benchmark
## INFO [22:18:43.458] Result of batch 43:
## INFO [22:18:43.474] k AUC
## INFO [22:18:43.474] 16 1
## INFO [22:18:43.474] 43 configurations evaluated
## INFO [22:18:43.489] Evaluating 1 configurations
## INFO [22:18:43.489] k
## INFO [22:18:43.489] 42
## INFO [22:18:43.505] Benchmark with 5 resampling iterations
## INFO [22:18:43.505] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:44.333] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:45.167] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:45.980] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:46.793] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:18:47.621] Finished benchmark
## INFO [22:18:47.637] Result of batch 44:
## INFO [22:18:47.637]   k AUC
## INFO [22:18:47.637] 42   1
## INFO [22:18:47.652] 44 configurations evaluated
## INFO [22:18:47.652] Evaluating 1 configurations
## INFO [22:18:47.668]   k
## INFO [22:18:47.668] 27
## INFO [22:18:47.684] Benchmark with 5 resampling iterations
## INFO [22:18:47.684] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:48.417] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:49.121] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:49.830] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:50.577] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:51.361] Finished benchmark
## INFO [22:18:51.377] Result of batch 45:
## INFO [22:18:51.377]   k AUC
## INFO [22:18:51.377] 27   1
## INFO [22:18:51.393] 45 configurations evaluated
## INFO [22:18:51.393] Evaluating 1 configurations
## INFO [22:18:51.408]   k
## INFO [22:18:51.408] 41
## INFO [22:18:51.429] Benchmark with 5 resampling iterations
## INFO [22:18:51.430] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:52.417] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:53.362] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:54.187] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:54.991] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:18:55.788] Finished benchmark
## INFO [22:18:55.803] Result of batch 46:
## INFO [22:18:55.803]   k AUC
## INFO [22:18:55.803] 41   1
## INFO [22:18:55.803] 46 configurations evaluated
## INFO [22:18:55.819] Evaluating 1 configurations
## INFO [22:18:55.819]   k
## INFO [22:18:55.819] 48
## INFO [22:18:55.850] Benchmark with 5 resampling iterations
## INFO [22:18:55.851] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:18:56.731] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:18:57.610] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:18:58.460] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:18:59.316] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:00.194] Finished benchmark
## INFO [22:19:00.209] Result of batch 47:
## INFO [22:19:00.209]   k AUC
## INFO [22:19:00.209] 48   1
## INFO [22:19:00.209] 47 configurations evaluated
## INFO [22:19:00.225] Evaluating 1 configurations
## INFO [22:19:00.225]   k
## INFO [22:19:00.225] 24
## INFO [22:19:00.241] Benchmark with 5 resampling iterations
## INFO [22:19:00.241] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:00.934] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:01.666] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:19:02.341] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:03.028] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:03.722] Finished benchmark
## INFO [22:19:03.738] Result of batch 48:
## INFO [22:19:03.738]   k AUC
## INFO [22:19:03.738] 24   1
## INFO [22:19:03.738] 48 configurations evaluated
## INFO [22:19:03.753] Evaluating 1 configurations
## INFO [22:19:03.753]   k
## INFO [22:19:03.753] 50
## INFO [22:19:03.769] Benchmark with 5 resampling iterations
## INFO [22:19:03.769] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:04.660] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:05.566] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:06.418] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:07.281] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:08.125] Finished benchmark
## INFO [22:19:08.141] Result of batch 49:
## INFO [22:19:08.156]   k AUC
## INFO [22:19:08.156] 50   1
## INFO [22:19:08.156] 49 configurations evaluated
## INFO [22:19:08.156] Evaluating 1 configurations
## INFO [22:19:08.172]   k
## INFO [22:19:08.172] 1
## INFO [22:19:08.187] Benchmark with 5 resampling iterations
## INFO [22:19:08.187] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:08.678] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:09.159] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:09.632] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:10.116] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:10.585] Finished benchmark
## INFO [22:19:10.601] Result of batch 50:
## INFO [22:19:10.601]   k AUC
## INFO [22:19:10.601] 1   1
## INFO [22:19:10.601] 50 configurations evaluated
## INFO [22:19:10.617] Finished tuning after 50 evals
## INFO [22:19:10.804] Tuned x: k=8
## INFO [22:19:10.804] Tuned y: AUC=1
## INFO [22:19:11.204] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 8/10)
## INFO [22:19:11.235] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:19:11.235] Terminator settings: n_evals=50
## INFO [22:19:11.235] Evaluating 1 configurations
## INFO [22:19:11.235]   k
## INFO [22:19:11.235] 24
## INFO [22:19:11.266] Benchmark with 5 resampling iterations
## INFO [22:19:11.266] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:11.960] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:12.670] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:13.339] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:13.998] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:14.701] Finished benchmark
## INFO [22:19:14.701] Result of batch 1:
## INFO [22:19:14.717]   k AUC
## INFO [22:19:14.717] 24   1

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## INFO [22:19:14.717] 1 configurations evaluated
## INFO [22:19:14.732] Evaluating 1 configurations
## INFO [22:19:14.732] k
## INFO [22:19:14.732] 50
## INFO [22:19:14.748] Benchmark with 5 resampling iterations
## INFO [22:19:14.748] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:15.748] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:16.689] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:17.536] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:18.432] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:19.289] Finished benchmark
## INFO [22:19:19.304] Result of batch 2:
## INFO [22:19:19.304] k AUC
## INFO [22:19:19.304] 50 0.9999951
## INFO [22:19:19.304] 2 configurations evaluated
## INFO [22:19:19.320] Evaluating 1 configurations
## INFO [22:19:19.320] k
## INFO [22:19:19.320] 49
## INFO [22:19:19.335] Benchmark with 5 resampling iterations
## INFO [22:19:19.335] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:20.230] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:21.592] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:22.424] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:23.252] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:24.177] Finished benchmark
## INFO [22:19:24.193] Result of batch 3:
## INFO [22:19:24.193] k AUC
## INFO [22:19:24.193] 49 0.9999962
## INFO [22:19:24.193] 3 configurations evaluated
## INFO [22:19:24.209] Evaluating 1 configurations
## INFO [22:19:24.209] k
## INFO [22:19:24.209] 18
## INFO [22:19:24.224] Benchmark with 5 resampling iterations
## INFO [22:19:24.224] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:24.868] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:25.509] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:26.125] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:26.743] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:27.390] Finished benchmark
## INFO [22:19:27.406] Result of batch 4:
## INFO [22:19:27.422] k AUC
## INFO [22:19:27.422] 18 1
## INFO [22:19:27.422] 4 configurations evaluated
## INFO [22:19:27.422] Evaluating 1 configurations
## INFO [22:19:27.437] k
## INFO [22:19:27.437] 13
## INFO [22:19:27.453] Benchmark with 5 resampling iterations
## INFO [22:19:27.453] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:28.031] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:28.631] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:29.191] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:29.772] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:30.397] Finished benchmark
## INFO [22:19:30.397] Result of batch 5:

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## INFO [22:19:30.412] k AUC
## INFO [22:19:30.412] 13 1
## INFO [22:19:30.412] 5 configurations evaluated
## INFO [22:19:30.428] Evaluating 1 configurations
## INFO [22:19:30.428] k
## INFO [22:19:30.428] 17
## INFO [22:19:30.444] Benchmark with 5 resampling iterations
## INFO [22:19:30.444] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:31.075] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:31.702] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:32.315] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:32.925] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:33.556] Finished benchmark
## INFO [22:19:33.572] Result of batch 6:
## INFO [22:19:33.572] k AUC
## INFO [22:19:33.572] 17 1
## INFO [22:19:33.572] 6 configurations evaluated
## INFO [22:19:33.587] Evaluating 1 configurations
## INFO [22:19:33.603] k
## INFO [22:19:33.603] 37
## INFO [22:19:33.619] Benchmark with 5 resampling iterations
## INFO [22:19:33.619] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:34.443] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:35.228] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:35.985] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:36.766] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:37.643] Finished benchmark
## INFO [22:19:37.659] Result of batch 7:
## INFO [22:19:37.659] k AUC
## INFO [22:19:37.659] 37 1
## INFO [22:19:37.659] 7 configurations evaluated
## INFO [22:19:37.675] Evaluating 1 configurations
## INFO [22:19:37.675] k
## INFO [22:19:37.675] 46
## INFO [22:19:37.690] Benchmark with 5 resampling iterations
## INFO [22:19:37.690] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:38.540] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:39.397] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:40.244] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:41.062] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:41.891] Finished benchmark
## INFO [22:19:41.907] Result of batch 8:
## INFO [22:19:41.907] k AUC
## INFO [22:19:41.907] 46 1
## INFO [22:19:41.923] 8 configurations evaluated
## INFO [22:19:41.923] Evaluating 1 configurations
## INFO [22:19:41.938] k
## INFO [22:19:41.938] 32
## INFO [22:19:41.954] Benchmark with 5 resampling iterations
## INFO [22:19:41.954] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:42.738] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:43.500] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:44.236] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:44.970] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:19:45.720] Finished benchmark
## INFO [22:19:45.735] Result of batch 9:
## INFO [22:19:45.735]   k AUC
## INFO [22:19:45.735] 32   1
## INFO [22:19:45.735] 9 configurations evaluated
## INFO [22:19:45.751] Evaluating 1 configurations
## INFO [22:19:45.751]   k
## INFO [22:19:45.751] 15
## INFO [22:19:45.767] Benchmark with 5 resampling iterations
## INFO [22:19:45.767] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:46.859] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:47.459] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:48.037] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:48.646] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:49.255] Finished benchmark
## INFO [22:19:49.271] Result of batch 10:
## INFO [22:19:49.271]   k AUC
## INFO [22:19:49.271] 15   1
## INFO [22:19:49.271] 10 configurations evaluated
## INFO [22:19:49.287] Evaluating 1 configurations
## INFO [22:19:49.287]   k
## INFO [22:19:49.287] 23
## INFO [22:19:49.302] Benchmark with 5 resampling iterations
## INFO [22:19:49.302] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:49.980] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:50.684] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:51.337] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:52.024] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:52.715] Finished benchmark
## INFO [22:19:52.731] Result of batch 11:
## INFO [22:19:52.731]   k AUC
## INFO [22:19:52.731] 23   1
## INFO [22:19:52.731] 11 configurations evaluated
## INFO [22:19:52.746] Evaluating 1 configurations
## INFO [22:19:52.746]   k
## INFO [22:19:52.746] 5
## INFO [22:19:52.762] Benchmark with 5 resampling iterations
## INFO [22:19:52.762] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:53.296] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:53.828] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:19:54.328] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:54.843] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:55.374] Finished benchmark
## INFO [22:19:55.390] Result of batch 12:
## INFO [22:19:55.390]   k AUC
## INFO [22:19:55.390] 5   1
## INFO [22:19:55.406] 12 configurations evaluated
## INFO [22:19:55.406] Evaluating 1 configurations
## INFO [22:19:55.421]   k
## INFO [22:19:55.421] 48
## INFO [22:19:55.437] Benchmark with 5 resampling iterations
## INFO [22:19:55.437] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:19:56.297] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:19:57.194] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:19:58.038] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:19:58.882] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:19:59.754] Finished benchmark
## INFO [22:19:59.770] Result of batch 13:
## INFO [22:19:59.770] k AUC
## INFO [22:19:59.770] 48 0.9999962
## INFO [22:19:59.770] 13 configurations evaluated
## INFO [22:19:59.785] Evaluating 1 configurations
## INFO [22:19:59.785] k
## INFO [22:19:59.785] 30
## INFO [22:19:59.813] Benchmark with 5 resampling iterations
## INFO [22:19:59.813] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:00.585] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:01.331] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:02.050] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:02.791] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:03.506] Finished benchmark
## INFO [22:20:03.522] Result of batch 14:
## INFO [22:20:03.537] k AUC
## INFO [22:20:03.537] 30 1
## INFO [22:20:03.537] 14 configurations evaluated
## INFO [22:20:03.553] Evaluating 1 configurations
## INFO [22:20:03.553] k
## INFO [22:20:03.553] 43
## INFO [22:20:03.568] Benchmark with 5 resampling iterations
## INFO [22:20:03.575] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:04.385] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:05.251] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:06.158] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:06.970] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:07.908] Finished benchmark
## INFO [22:20:07.924] Result of batch 15:
## INFO [22:20:07.924] k AUC
## INFO [22:20:07.924] 43 1
## INFO [22:20:07.924] 15 configurations evaluated
## INFO [22:20:07.939] Evaluating 1 configurations
## INFO [22:20:07.939] k
## INFO [22:20:07.939] 47
## INFO [22:20:07.955] Benchmark with 5 resampling iterations
## INFO [22:20:07.971] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:08.830] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:09.722] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:10.605] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:11.463] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:12.416] Finished benchmark
## INFO [22:20:12.432] Result of batch 16:
## INFO [22:20:12.432] k AUC
## INFO [22:20:12.432] 47 0.9999985
## INFO [22:20:12.447] 16 configurations evaluated
## INFO [22:20:12.447] Evaluating 1 configurations
## INFO [22:20:12.463] k
## INFO [22:20:12.463] 1
## INFO [22:20:12.478] Benchmark with 5 resampling iterations
## INFO [22:20:12.478] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:20:12.969] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:13.435] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:13.891] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:14.360] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:14.829] Finished benchmark
## INFO [22:20:14.844] Result of batch 17:
## INFO [22:20:14.844]   k AUC
## INFO [22:20:14.844]   1   1
## INFO [22:20:14.844] 17 configurations evaluated
## INFO [22:20:14.860] Evaluating 1 configurations
## INFO [22:20:14.860]   k
## INFO [22:20:14.860]  11
## INFO [22:20:14.891] Benchmark with 5 resampling iterations
## INFO [22:20:14.891] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:15.460] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:16.035] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:16.586] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:17.148] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:17.742] Finished benchmark
## INFO [22:20:17.757] Result of batch 18:
## INFO [22:20:17.757]   k AUC
## INFO [22:20:17.757]  11   1
## INFO [22:20:17.757] 18 configurations evaluated
## INFO [22:20:17.773] Evaluating 1 configurations
## INFO [22:20:17.773]   k
## INFO [22:20:17.773]  40
## INFO [22:20:17.789] Benchmark with 5 resampling iterations
## INFO [22:20:17.789] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:18.582] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:19.507] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:20.311] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:21.104] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:22.375] Finished benchmark
## INFO [22:20:22.391] Result of batch 19:
## INFO [22:20:22.391]   k AUC
## INFO [22:20:22.391]  40   1
## INFO [22:20:22.391] 19 configurations evaluated
## INFO [22:20:22.407] Evaluating 1 configurations
## INFO [22:20:22.407]   k
## INFO [22:20:22.407]   8
## INFO [22:20:22.435] Benchmark with 5 resampling iterations
## INFO [22:20:22.435] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:22.982] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:23.529] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:24.083] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:24.611] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:25.161] Finished benchmark
## INFO [22:20:25.161] Result of batch 20:
## INFO [22:20:25.176]   k AUC
## INFO [22:20:25.176]   8   1
## INFO [22:20:25.176] 20 configurations evaluated
## INFO [22:20:25.192] Evaluating 1 configurations
## INFO [22:20:25.192]   k
## INFO [22:20:25.192]  34

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## INFO [22:20:25.223] Benchmark with 5 resampling iterations
## INFO [22:20:25.223] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:25.986] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:26.770] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:27.524] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:28.258] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:29.030] Finished benchmark
## INFO [22:20:29.046] Result of batch 21:
## INFO [22:20:29.046]   k AUC
## INFO [22:20:29.046] 34   1
## INFO [22:20:29.061] 21 configurations evaluated
## INFO [22:20:29.061] Evaluating 1 configurations
## INFO [22:20:29.077]   k
## INFO [22:20:29.077] 21
## INFO [22:20:29.092] Benchmark with 5 resampling iterations
## INFO [22:20:29.092] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:29.749] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:30.437] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:31.077] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:31.722] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:32.397] Finished benchmark
## INFO [22:20:32.397] Result of batch 22:
## INFO [22:20:32.412]   k AUC
## INFO [22:20:32.412] 21   1
## INFO [22:20:32.412] 22 configurations evaluated
## INFO [22:20:32.428] Evaluating 1 configurations
## INFO [22:20:32.428]   k
## INFO [22:20:32.428] 16
## INFO [22:20:32.443] Benchmark with 5 resampling iterations
## INFO [22:20:32.443] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:33.100] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:33.709] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:34.315] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:34.913] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:35.553] Finished benchmark
## INFO [22:20:35.569] Result of batch 23:
## INFO [22:20:35.569]   k AUC
## INFO [22:20:35.569] 16   1
## INFO [22:20:35.569] 23 configurations evaluated
## INFO [22:20:35.584] Evaluating 1 configurations
## INFO [22:20:35.584]   k
## INFO [22:20:35.584] 9
## INFO [22:20:35.600] Benchmark with 5 resampling iterations
## INFO [22:20:35.600] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:36.147] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:36.706] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:37.241] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:37.788] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:38.353] Finished benchmark
## INFO [22:20:38.369] Result of batch 24:
## INFO [22:20:38.369]   k AUC
## INFO [22:20:38.369] 9   1
## INFO [22:20:38.369] 24 configurations evaluated
## INFO [22:20:38.385] Evaluating 1 configurations

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## INFO [22:20:38.385] k
## INFO [22:20:38.385] 38
## INFO [22:20:38.400] Benchmark with 5 resampling iterations
## INFO [22:20:38.400] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:39.198] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:40.045] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:40.810] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:41.582] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:42.379] Finished benchmark
## INFO [22:20:42.395] Result of batch 25:
## INFO [22:20:42.411] k AUC
## INFO [22:20:42.411] 38 1
## INFO [22:20:42.411] 25 configurations evaluated
## INFO [22:20:42.426] Evaluating 1 configurations
## INFO [22:20:42.426] k
## INFO [22:20:42.426] 14
## INFO [22:20:42.442] Benchmark with 5 resampling iterations
## INFO [22:20:42.442] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:43.036] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:43.629] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:44.227] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:44.808] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:45.402] Finished benchmark
## INFO [22:20:45.417] Result of batch 26:
## INFO [22:20:45.417] k AUC
## INFO [22:20:45.417] 14 1
## INFO [22:20:45.433] 26 configurations evaluated
## INFO [22:20:45.433] Evaluating 1 configurations
## INFO [22:20:45.448] k
## INFO [22:20:45.448] 19
## INFO [22:20:45.464] Benchmark with 5 resampling iterations
## INFO [22:20:45.464] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:46.105] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:46.780] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:47.408] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:48.049] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:48.696] Finished benchmark
## INFO [22:20:48.711] Result of batch 27:
## INFO [22:20:48.727] k AUC
## INFO [22:20:48.727] 19 1
## INFO [22:20:48.727] 27 configurations evaluated
## INFO [22:20:48.727] Evaluating 1 configurations
## INFO [22:20:48.743] k
## INFO [22:20:48.743] 28
## INFO [22:20:48.758] Benchmark with 5 resampling iterations
## INFO [22:20:48.758] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:49.473] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:50.196] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:50.930] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:51.624] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:52.359] Finished benchmark
## INFO [22:20:52.375] Result of batch 28:
## INFO [22:20:52.375] k AUC
## INFO [22:20:52.375] 28 1

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## INFO [22:20:52.375] 28 configurations evaluated
## INFO [22:20:52.390] Evaluating 1 configurations
## INFO [22:20:52.390] k
## INFO [22:20:52.390] 6
## INFO [22:20:52.406] Benchmark with 5 resampling iterations
## INFO [22:20:52.406] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:52.937] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:53.484] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:53.990] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:54.533] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:55.055] Finished benchmark
## INFO [22:20:55.071] Result of batch 29:
## INFO [22:20:55.071] k AUC
## INFO [22:20:55.071] 6 1
## INFO [22:20:55.071] 29 configurations evaluated
## INFO [22:20:55.087] Evaluating 1 configurations
## INFO [22:20:55.087] k
## INFO [22:20:55.087] 31
## INFO [22:20:55.102] Benchmark with 5 resampling iterations
## INFO [22:20:55.102] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:55.852] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:56.609] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:20:57.406] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:20:58.125] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:20:58.859] Finished benchmark
## INFO [22:20:58.875] Result of batch 30:
## INFO [22:20:58.875] k AUC
## INFO [22:20:58.875] 31 1
## INFO [22:20:58.890] 30 configurations evaluated
## INFO [22:20:58.890] Evaluating 1 configurations
## INFO [22:20:58.906] k
## INFO [22:20:58.906] 2
## INFO [22:20:58.921] Benchmark with 5 resampling iterations
## INFO [22:20:58.921] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:20:59.403] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:20:59.906] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:00.390] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:00.890] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:01.381] Finished benchmark
## INFO [22:21:01.397] Result of batch 31:
## INFO [22:21:01.397] k AUC
## INFO [22:21:01.397] 2 1
## INFO [22:21:01.397] 31 configurations evaluated
## INFO [22:21:01.412] Evaluating 1 configurations
## INFO [22:21:01.412] k
## INFO [22:21:01.412] 33
## INFO [22:21:01.443] Benchmark with 5 resampling iterations
## INFO [22:21:01.443] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:02.205] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:02.990] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:03.762] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:04.509] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:05.262] Finished benchmark
## INFO [22:21:05.278] Result of batch 32:

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## INFO [22:21:05.294] k AUC
## INFO [22:21:05.294] 33 1
## INFO [22:21:05.294] 32 configurations evaluated
## INFO [22:21:05.294] Evaluating 1 configurations
## INFO [22:21:05.309] k
## INFO [22:21:05.309] 3
## INFO [22:21:05.325] Benchmark with 5 resampling iterations
## INFO [22:21:05.325] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:05.825] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:06.316] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:06.828] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:07.301] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:08.285] Finished benchmark
## INFO [22:21:08.301] Result of batch 33:
## INFO [22:21:08.301] k AUC
## INFO [22:21:08.301] 3 1
## INFO [22:21:08.316] 33 configurations evaluated
## INFO [22:21:08.316] Evaluating 1 configurations
## INFO [22:21:08.332] k
## INFO [22:21:08.332] 45
## INFO [22:21:08.347] Benchmark with 5 resampling iterations
## INFO [22:21:08.347] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:09.166] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:10.041] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:10.854] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:11.778] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:12.627] Finished benchmark
## INFO [22:21:12.642] Result of batch 34:
## INFO [22:21:12.642] k AUC
## INFO [22:21:12.642] 45 1
## INFO [22:21:12.642] 34 configurations evaluated
## INFO [22:21:12.658] Evaluating 1 configurations
## INFO [22:21:12.658] k
## INFO [22:21:12.658] 29
## INFO [22:21:12.689] Benchmark with 5 resampling iterations
## INFO [22:21:12.689] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:13.423] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:14.148] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:14.867] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:15.586] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:16.373] Finished benchmark
## INFO [22:21:16.389] Result of batch 35:
## INFO [22:21:16.404] k AUC
## INFO [22:21:16.404] 29 1
## INFO [22:21:16.404] 35 configurations evaluated
## INFO [22:21:16.420] Evaluating 1 configurations
## INFO [22:21:16.420] k
## INFO [22:21:16.420] 44
## INFO [22:21:16.436] Benchmark with 5 resampling iterations
## INFO [22:21:16.436] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:17.311] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:18.639] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:19.449] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:20.374] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:21:21.233] Finished benchmark
## INFO [22:21:21.249] Result of batch 36:
## INFO [22:21:21.249]   k AUC
## INFO [22:21:21.249] 44   1
## INFO [22:21:21.249] 36 configurations evaluated
## INFO [22:21:21.271] Evaluating 1 configurations
## INFO [22:21:21.271]   k
## INFO [22:21:21.271] 20
## INFO [22:21:21.286] Benchmark with 5 resampling iterations
## INFO [22:21:21.286] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:21.955] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:22.630] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:23.271] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:23.902] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:24.570] Finished benchmark
## INFO [22:21:24.586] Result of batch 37:
## INFO [22:21:24.586]   k AUC
## INFO [22:21:24.586] 20   1
## INFO [22:21:24.586] 37 configurations evaluated
## INFO [22:21:24.601] Evaluating 1 configurations
## INFO [22:21:24.601]   k
## INFO [22:21:24.601] 27
## INFO [22:21:24.617] Benchmark with 5 resampling iterations
## INFO [22:21:24.617] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:25.336] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:26.056] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:26.806] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:27.516] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:28.232] Finished benchmark
## INFO [22:21:28.247] Result of batch 38:
## INFO [22:21:28.247]   k AUC
## INFO [22:21:28.247] 27   1
## INFO [22:21:28.247] 38 configurations evaluated
## INFO [22:21:28.263] Evaluating 1 configurations
## INFO [22:21:28.263]   k
## INFO [22:21:28.263] 4
## INFO [22:21:28.292] Benchmark with 5 resampling iterations
## INFO [22:21:28.293] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:28.829] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:29.329] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:29.835] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:30.344] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:30.853] Finished benchmark
## INFO [22:21:30.869] Result of batch 39:
## INFO [22:21:30.869]   k AUC
## INFO [22:21:30.869] 4   1
## INFO [22:21:30.884] 39 configurations evaluated
## INFO [22:21:30.884] Evaluating 1 configurations
## INFO [22:21:30.900]   k
## INFO [22:21:30.900] 39
## INFO [22:21:30.916] Benchmark with 5 resampling iterations
## INFO [22:21:30.916] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:31.744] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:32.545] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:21:33.310] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:34.091] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:34.894] Finished benchmark
## INFO [22:21:34.910] Result of batch 40:
## INFO [22:21:34.910]   k AUC
## INFO [22:21:34.910] 39   1
## INFO [22:21:34.910] 40 configurations evaluated
## INFO [22:21:34.925] Evaluating 1 configurations
## INFO [22:21:34.925]   k
## INFO [22:21:34.925] 42
## INFO [22:21:34.957] Benchmark with 5 resampling iterations
## INFO [22:21:34.957] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:35.816] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:36.660] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:37.448] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:38.256] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:39.088] Finished benchmark
## INFO [22:21:39.104] Result of batch 41:
## INFO [22:21:39.104]   k AUC
## INFO [22:21:39.104] 42   1
## INFO [22:21:39.104] 41 configurations evaluated
## INFO [22:21:39.120] Evaluating 1 configurations
## INFO [22:21:39.120]   k
## INFO [22:21:39.120] 10
## INFO [22:21:39.151] Benchmark with 5 resampling iterations
## INFO [22:21:39.151] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:39.698] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:40.282] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:40.845] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:41.403] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:41.950] Finished benchmark
## INFO [22:21:41.966] Result of batch 42:
## INFO [22:21:41.966]   k AUC
## INFO [22:21:41.966] 10   1
## INFO [22:21:41.982] 42 configurations evaluated
## INFO [22:21:41.982] Evaluating 1 configurations
## INFO [22:21:41.997]   k
## INFO [22:21:41.997] 22
## INFO [22:21:42.013] Benchmark with 5 resampling iterations
## INFO [22:21:42.013] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:42.675] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:43.363] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:44.035] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:44.691] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:45.381] Finished benchmark
## INFO [22:21:45.397] Result of batch 43:
## INFO [22:21:45.397]   k AUC
## INFO [22:21:45.397] 22   1
## INFO [22:21:45.397] 43 configurations evaluated
## INFO [22:21:45.413] Evaluating 1 configurations
## INFO [22:21:45.413]   k
## INFO [22:21:45.413] 41
## INFO [22:21:45.428] Benchmark with 5 resampling iterations
## INFO [22:21:45.428] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:21:46.245] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:47.117] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:47.992] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:48.795] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:49.592] Finished benchmark
## INFO [22:21:49.608] Result of batch 44:
## INFO [22:21:49.608]   k AUC
## INFO [22:21:49.608] 41   1
## INFO [22:21:49.608] 44 configurations evaluated
## INFO [22:21:49.623] Evaluating 1 configurations
## INFO [22:21:49.623]   k
## INFO [22:21:49.623] 25
## INFO [22:21:49.639] Benchmark with 5 resampling iterations
## INFO [22:21:49.639] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:50.342] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:51.036] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:51.704] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:52.380] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:53.084] Finished benchmark
## INFO [22:21:53.099] Result of batch 45:
## INFO [22:21:53.099]   k AUC
## INFO [22:21:53.099] 25   1
## INFO [22:21:53.099] 45 configurations evaluated
## INFO [22:21:53.115] Evaluating 1 configurations
## INFO [22:21:53.115]   k
## INFO [22:21:53.115] 36
## INFO [22:21:53.130] Benchmark with 5 resampling iterations
## INFO [22:21:53.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:53.915] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:54.715] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:55.481] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:56.237] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:21:57.022] Finished benchmark
## INFO [22:21:57.038] Result of batch 46:
## INFO [22:21:57.038]   k AUC
## INFO [22:21:57.038] 36   1
## INFO [22:21:57.038] 46 configurations evaluated
## INFO [22:21:57.054] Evaluating 1 configurations
## INFO [22:21:57.054]   k
## INFO [22:21:57.054] 26
## INFO [22:21:57.069] Benchmark with 5 resampling iterations
## INFO [22:21:57.069] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:21:57.850] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:21:58.607] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:21:59.306] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:21:59.998] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:00.717] Finished benchmark
## INFO [22:22:00.732] Result of batch 47:
## INFO [22:22:00.732]   k AUC
## INFO [22:22:00.732] 26   1
## INFO [22:22:00.732] 47 configurations evaluated
## INFO [22:22:00.748] Evaluating 1 configurations
## INFO [22:22:00.748]   k
## INFO [22:22:00.748] 35

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## INFO [22:22:00.764] Benchmark with 5 resampling iterations
## INFO [22:22:00.764] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:01.532] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:02.305] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:03.102] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:03.843] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:04.624] Finished benchmark
## INFO [22:22:04.640] Result of batch 48:
## INFO [22:22:04.640]   k AUC
## INFO [22:22:04.640] 35   1
## INFO [22:22:04.640] 48 configurations evaluated
## INFO [22:22:04.656] Evaluating 1 configurations
## INFO [22:22:04.656]   k
## INFO [22:22:04.656] 12
## INFO [22:22:04.671] Benchmark with 5 resampling iterations
## INFO [22:22:04.671] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:05.249] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:05.827] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:06.396] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:06.974] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:08.037] Finished benchmark
## INFO [22:22:08.052] Result of batch 49:
## INFO [22:22:08.068]   k AUC
## INFO [22:22:08.068] 12   1
## INFO [22:22:08.068] 49 configurations evaluated
## INFO [22:22:08.068] Evaluating 1 configurations
## INFO [22:22:08.084]   k
## INFO [22:22:08.084] 7
## INFO [22:22:08.099] Benchmark with 5 resampling iterations
## INFO [22:22:08.099] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:08.637] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:09.180] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:09.715] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:10.247] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:10.793] Finished benchmark
## INFO [22:22:10.809] Result of batch 50:
## INFO [22:22:10.809]   k AUC
## INFO [22:22:10.809] 7   1
## INFO [22:22:10.809] 50 configurations evaluated
## INFO [22:22:10.825] Finished tuning after 50 evals
## INFO [22:22:11.003] Tuned x: k=4
## INFO [22:22:11.003] Tuned y: AUC=1
## INFO [22:22:11.409] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 9/10)
## INFO [22:22:11.436] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:22:11.437] Terminator settings: n_evals=50
## INFO [22:22:11.437] Evaluating 1 configurations
## INFO [22:22:11.437]   k
## INFO [22:22:11.437] 30
## INFO [22:22:11.453] Benchmark with 5 resampling iterations
## INFO [22:22:11.453] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:12.191] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:12.941] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:13.650] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:14.380] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:22:15.103] Finished benchmark
## INFO [22:22:15.103] Result of batch 1:
## INFO [22:22:15.119] k AUC
## INFO [22:22:15.119] 30 1
## INFO [22:22:15.119] 1 configurations evaluated
## INFO [22:22:15.134] Evaluating 1 configurations
## INFO [22:22:15.134] k
## INFO [22:22:15.134] 44
## INFO [22:22:15.150] Benchmark with 5 resampling iterations
## INFO [22:22:15.150] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:16.000] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:16.856] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:17.656] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:18.491] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:19.347] Finished benchmark
## INFO [22:22:19.363] Result of batch 2:
## INFO [22:22:19.363] k AUC
## INFO [22:22:19.363] 44 1
## INFO [22:22:19.363] 2 configurations evaluated
## INFO [22:22:19.378] Evaluating 1 configurations
## INFO [22:22:19.378] k
## INFO [22:22:19.378] 22
## INFO [22:22:19.409] Benchmark with 5 resampling iterations
## INFO [22:22:19.409] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:20.068] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:20.740] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:21.431] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:22.108] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:22.762] Finished benchmark
## INFO [22:22:22.778] Result of batch 3:
## INFO [22:22:22.778] k AUC
## INFO [22:22:22.778] 22 1
## INFO [22:22:22.778] 3 configurations evaluated
## INFO [22:22:22.793] Evaluating 1 configurations
## INFO [22:22:22.793] k
## INFO [22:22:22.793] 40
## INFO [22:22:22.809] Benchmark with 5 resampling iterations
## INFO [22:22:22.809] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:23.645] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:24.488] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:25.270] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:26.073] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:26.872] Finished benchmark
## INFO [22:22:26.888] Result of batch 4:
## INFO [22:22:26.888] k AUC
## INFO [22:22:26.888] 40 1
## INFO [22:22:26.888] 4 configurations evaluated
## INFO [22:22:26.903] Evaluating 1 configurations
## INFO [22:22:26.903] k
## INFO [22:22:26.903] 24
## INFO [22:22:26.935] Benchmark with 5 resampling iterations
## INFO [22:22:26.935] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:27.626] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:28.314] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:22:29.005] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:29.742] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:30.429] Finished benchmark
## INFO [22:22:30.445] Result of batch 5:
## INFO [22:22:30.445]   k AUC
## INFO [22:22:30.445] 24   1
## INFO [22:22:30.445] 5 configurations evaluated
## INFO [22:22:30.460] Evaluating 1 configurations
## INFO [22:22:30.460]   k
## INFO [22:22:30.460] 21
## INFO [22:22:30.476] Benchmark with 5 resampling iterations
## INFO [22:22:30.476] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:31.140] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:31.795] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:32.455] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:33.111] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:33.773] Finished benchmark
## INFO [22:22:33.773] Result of batch 6:
## INFO [22:22:33.789]   k AUC
## INFO [22:22:33.789] 21   1
## INFO [22:22:33.789] 6 configurations evaluated
## INFO [22:22:33.805] Evaluating 1 configurations
## INFO [22:22:33.805]   k
## INFO [22:22:33.805] 49
## INFO [22:22:33.820] Benchmark with 5 resampling iterations
## INFO [22:22:33.820] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:34.711] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:35.586] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:36.455] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:37.299] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:38.143] Finished benchmark
## INFO [22:22:38.159] Result of batch 7:
## INFO [22:22:38.174]   k AUC
## INFO [22:22:38.174] 49   1
## INFO [22:22:38.174] 7 configurations evaluated
## INFO [22:22:38.190] Evaluating 1 configurations
## INFO [22:22:38.190]   k
## INFO [22:22:38.190] 33
## INFO [22:22:38.206] Benchmark with 5 resampling iterations
## INFO [22:22:38.206] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:38.962] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:39.759] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:40.509] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:41.249] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:42.006] Finished benchmark
## INFO [22:22:42.016] Result of batch 8:
## INFO [22:22:42.016]   k AUC
## INFO [22:22:42.016] 33   1
## INFO [22:22:42.016] 8 configurations evaluated
## INFO [22:22:42.032] Evaluating 1 configurations
## INFO [22:22:42.032]   k
## INFO [22:22:42.032] 14
## INFO [22:22:42.047] Benchmark with 5 resampling iterations
## INFO [22:22:42.063] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:22:42.672] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:43.250] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:43.862] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:44.453] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:45.085] Finished benchmark
## INFO [22:22:45.100] Result of batch 9:
## INFO [22:22:45.100]   k AUC
## INFO [22:22:45.100] 14   1
## INFO [22:22:45.100] 9 configurations evaluated
## INFO [22:22:45.116] Evaluating 1 configurations
## INFO [22:22:45.116]   k
## INFO [22:22:45.116] 47
## INFO [22:22:45.132] Benchmark with 5 resampling iterations
## INFO [22:22:45.132] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:45.991] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:46.870] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:47.717] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:48.582] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:49.423] Finished benchmark
## INFO [22:22:49.439] Result of batch 10:
## INFO [22:22:49.439]   k AUC
## INFO [22:22:49.439] 47   1
## INFO [22:22:49.454] 10 configurations evaluated
## INFO [22:22:49.454] Evaluating 1 configurations
## INFO [22:22:49.470]   k
## INFO [22:22:49.470] 48
## INFO [22:22:49.486] Benchmark with 5 resampling iterations
## INFO [22:22:49.486] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:50.348] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:51.223] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:52.088] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:52.960] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:53.807] Finished benchmark
## INFO [22:22:53.823] Result of batch 11:
## INFO [22:22:53.823]   k AUC
## INFO [22:22:53.823] 48   1
## INFO [22:22:53.823] 11 configurations evaluated
## INFO [22:22:53.838] Evaluating 1 configurations
## INFO [22:22:53.838]   k
## INFO [22:22:53.838] 31
## INFO [22:22:53.854] Benchmark with 5 resampling iterations
## INFO [22:22:53.854] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:54.626] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:55.878] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:22:56.750] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:22:57.491] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:22:58.226] Finished benchmark
## INFO [22:22:58.245] Result of batch 12:
## INFO [22:22:58.245]   k AUC
## INFO [22:22:58.245] 31   1
## INFO [22:22:58.245] 12 configurations evaluated
## INFO [22:22:58.260] Evaluating 1 configurations
## INFO [22:22:58.260]   k
## INFO [22:22:58.260] 37

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## INFO [22:22:58.285] Benchmark with 5 resampling iterations
## INFO [22:22:58.285] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:22:59.069] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:22:59.897] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:00.694] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:01.503] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:02.275] Finished benchmark
## INFO [22:23:02.291] Result of batch 13:
## INFO [22:23:02.291]   k AUC
## INFO [22:23:02.291] 37   1
## INFO [22:23:02.291] 13 configurations evaluated
## INFO [22:23:02.307] Evaluating 1 configurations
## INFO [22:23:02.307]   k
## INFO [22:23:02.307]   3
## INFO [22:23:02.322] Benchmark with 5 resampling iterations
## INFO [22:23:02.338] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:02.834] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:03.338] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:03.838] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:04.353] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:04.844] Finished benchmark
## INFO [22:23:04.860] Result of batch 14:
## INFO [22:23:04.860]   k AUC
## INFO [22:23:04.860]  3   1
## INFO [22:23:04.875] 14 configurations evaluated
## INFO [22:23:04.875] Evaluating 1 configurations
## INFO [22:23:04.891]   k
## INFO [22:23:04.891]  36
## INFO [22:23:04.907] Benchmark with 5 resampling iterations
## INFO [22:23:04.907] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:05.704] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:06.498] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:07.254] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:08.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:08.895] Finished benchmark
## INFO [22:23:08.911] Result of batch 15:
## INFO [22:23:08.911]   k AUC
## INFO [22:23:08.911] 36   1
## INFO [22:23:08.911] 15 configurations evaluated
## INFO [22:23:08.926] Evaluating 1 configurations
## INFO [22:23:08.926]   k
## INFO [22:23:08.926]  25
## INFO [22:23:08.942] Benchmark with 5 resampling iterations
## INFO [22:23:08.942] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:09.636] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:10.336] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:11.042] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:11.730] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:12.424] Finished benchmark
## INFO [22:23:12.439] Result of batch 16:
## INFO [22:23:12.439]   k AUC
## INFO [22:23:12.439] 25   1
## INFO [22:23:12.439] 16 configurations evaluated
## INFO [22:23:12.455] Evaluating 1 configurations

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## INFO [22:23:12.455] k
## INFO [22:23:12.455] 29
## INFO [22:23:12.486] Benchmark with 5 resampling iterations
## INFO [22:23:12.486] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:13.268] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:14.018] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:14.718] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:15.468] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:16.174] Finished benchmark
## INFO [22:23:16.189] Result of batch 17:
## INFO [22:23:16.189] k AUC
## INFO [22:23:16.189] 29 1
## INFO [22:23:16.189] 17 configurations evaluated
## INFO [22:23:16.205] Evaluating 1 configurations
## INFO [22:23:16.205] k
## INFO [22:23:16.205] 46
## INFO [22:23:16.221] Benchmark with 5 resampling iterations
## INFO [22:23:16.221] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:17.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:17.990] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:18.851] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:19.699] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:20.528] Finished benchmark
## INFO [22:23:20.543] Result of batch 18:
## INFO [22:23:20.543] k AUC
## INFO [22:23:20.543] 46 1
## INFO [22:23:20.559] 18 configurations evaluated
## INFO [22:23:20.559] Evaluating 1 configurations
## INFO [22:23:20.574] k
## INFO [22:23:20.574] 27
## INFO [22:23:20.590] Benchmark with 5 resampling iterations
## INFO [22:23:20.590] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:21.290] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:22.028] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:22.731] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:23.441] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:24.144] Finished benchmark
## INFO [22:23:24.160] Result of batch 19:
## INFO [22:23:24.160] k AUC
## INFO [22:23:24.160] 27 1
## INFO [22:23:24.160] 19 configurations evaluated
## INFO [22:23:24.175] Evaluating 1 configurations
## INFO [22:23:24.175] k
## INFO [22:23:24.175] 15
## INFO [22:23:24.207] Benchmark with 5 resampling iterations
## INFO [22:23:24.207] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:24.816] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:25.425] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:26.041] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:26.650] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:27.244] Finished benchmark
## INFO [22:23:27.260] Result of batch 20:
## INFO [22:23:27.275] k AUC
## INFO [22:23:27.275] 15 1

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## INFO [22:23:27.275] 20 configurations evaluated
## INFO [22:23:27.275] Evaluating 1 configurations
## INFO [22:23:27.291] k
## INFO [22:23:27.291] 10
## INFO [22:23:27.306] Benchmark with 5 resampling iterations
## INFO [22:23:27.306] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:27.853] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:28.406] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:28.982] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:29.548] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:30.110] Finished benchmark
## INFO [22:23:30.110] Result of batch 21:
## INFO [22:23:30.126] k AUC
## INFO [22:23:30.126] 10 1
## INFO [22:23:30.126] 21 configurations evaluated
## INFO [22:23:30.141] Evaluating 1 configurations
## INFO [22:23:30.141] k
## INFO [22:23:30.141] 34
## INFO [22:23:30.157] Benchmark with 5 resampling iterations
## INFO [22:23:30.157] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:30.913] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:31.697] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:32.462] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:33.219] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:33.965] Finished benchmark
## INFO [22:23:33.981] Result of batch 22:
## INFO [22:23:33.981] k AUC
## INFO [22:23:33.981] 34 1
## INFO [22:23:33.996] 22 configurations evaluated
## INFO [22:23:33.996] Evaluating 1 configurations
## INFO [22:23:34.012] k
## INFO [22:23:34.012] 50
## INFO [22:23:34.027] Benchmark with 5 resampling iterations
## INFO [22:23:34.027] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:35.047] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:35.922] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:36.797] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:37.657] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:38.538] Finished benchmark
## INFO [22:23:38.553] Result of batch 23:
## INFO [22:23:38.553] k AUC
## INFO [22:23:38.553] 50 0.9999996
## INFO [22:23:38.553] 23 configurations evaluated
## INFO [22:23:38.569] Evaluating 1 configurations
## INFO [22:23:38.569] k
## INFO [22:23:38.569] 2
## INFO [22:23:38.585] Benchmark with 5 resampling iterations
## INFO [22:23:38.585] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:39.066] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:39.569] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:40.069] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:40.569] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:41.061] Finished benchmark
## INFO [22:23:41.077] Result of batch 24:

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## INFO [22:23:41.077] k AUC
## INFO [22:23:41.077] 2 1
## INFO [22:23:41.077] 24 configurations evaluated
## INFO [22:23:41.092] Evaluating 1 configurations
## INFO [22:23:41.092] k
## INFO [22:23:41.092] 26
## INFO [22:23:41.108] Benchmark with 5 resampling iterations
## INFO [22:23:41.124] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:41.827] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:43.030] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:43.706] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:44.412] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:45.131] Finished benchmark
## INFO [22:23:45.146] Result of batch 25:
## INFO [22:23:45.146] k AUC
## INFO [22:23:45.146] 26 1
## INFO [22:23:45.146] 25 configurations evaluated
## INFO [22:23:45.162] Evaluating 1 configurations
## INFO [22:23:45.162] k
## INFO [22:23:45.162] 1
## INFO [22:23:45.178] Benchmark with 5 resampling iterations
## INFO [22:23:45.178] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:45.631] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:46.106] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:46.571] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:47.059] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:47.528] Finished benchmark
## INFO [22:23:47.528] Result of batch 26:
## INFO [22:23:47.543] k AUC
## INFO [22:23:47.543] 1 1
## INFO [22:23:47.543] 26 configurations evaluated
## INFO [22:23:47.559] Evaluating 1 configurations
## INFO [22:23:47.559] k
## INFO [22:23:47.559] 38
## INFO [22:23:47.575] Benchmark with 5 resampling iterations
## INFO [22:23:47.575] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:48.362] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:49.155] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:49.972] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:50.775] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:51.597] Finished benchmark
## INFO [22:23:51.597] Result of batch 27:
## INFO [22:23:51.613] k AUC
## INFO [22:23:51.613] 38 1
## INFO [22:23:51.613] 27 configurations evaluated
## INFO [22:23:51.628] Evaluating 1 configurations
## INFO [22:23:51.628] k
## INFO [22:23:51.628] 19
## INFO [22:23:51.644] Benchmark with 5 resampling iterations
## INFO [22:23:51.644] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:52.276] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:52.916] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:53.579] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:54.220] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:23:54.876] Finished benchmark
## INFO [22:23:54.892] Result of batch 28:
## INFO [22:23:54.892]   k AUC
## INFO [22:23:54.892] 19   1
## INFO [22:23:54.892] 28 configurations evaluated
## INFO [22:23:54.907] Evaluating 1 configurations
## INFO [22:23:54.907]   k
## INFO [22:23:54.907]   6
## INFO [22:23:54.923] Benchmark with 5 resampling iterations
## INFO [22:23:54.923] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:55.454] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:55.960] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:56.510] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:23:57.039] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:23:57.570] Finished benchmark
## INFO [22:23:57.586] Result of batch 29:
## INFO [22:23:57.586]   k AUC
## INFO [22:23:57.586]   6   1
## INFO [22:23:57.586] 29 configurations evaluated
## INFO [22:23:57.602] Evaluating 1 configurations
## INFO [22:23:57.602]   k
## INFO [22:23:57.602]  20
## INFO [22:23:57.617] Benchmark with 5 resampling iterations
## INFO [22:23:57.617] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:23:58.289] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:23:58.942] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:23:59.602] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:00.258] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:01.398] Finished benchmark
## INFO [22:24:01.414] Result of batch 30:
## INFO [22:24:01.414]   k AUC
## INFO [22:24:01.414]  20   1
## INFO [22:24:01.414] 30 configurations evaluated
## INFO [22:24:01.431] Evaluating 1 configurations
## INFO [22:24:01.431]   k
## INFO [22:24:01.431]  43
## INFO [22:24:01.447] Benchmark with 5 resampling iterations
## INFO [22:24:01.463] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:02.390] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:03.234] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:04.027] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:04.843] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:05.702] Finished benchmark
## INFO [22:24:05.722] Result of batch 31:
## INFO [22:24:05.724]   k AUC
## INFO [22:24:05.724]  43   1
## INFO [22:24:05.724] 31 configurations evaluated
## INFO [22:24:05.740] Evaluating 1 configurations
## INFO [22:24:05.740]   k
## INFO [22:24:05.740]  45
## INFO [22:24:05.755] Benchmark with 5 resampling iterations
## INFO [22:24:05.755] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:06.608] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:07.459] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:24:08.294] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:09.119] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:09.935] Finished benchmark
## INFO [22:24:09.950] Result of batch 32:
## INFO [22:24:09.950]   k AUC
## INFO [22:24:09.950] 45   1
## INFO [22:24:09.950] 32 configurations evaluated
## INFO [22:24:09.966] Evaluating 1 configurations
## INFO [22:24:09.966]   k
## INFO [22:24:09.966] 23
## INFO [22:24:09.982] Benchmark with 5 resampling iterations
## INFO [22:24:09.982] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:10.669] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:11.370] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:12.032] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:12.726] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:13.398] Finished benchmark
## INFO [22:24:13.414] Result of batch 33:
## INFO [22:24:13.414]   k AUC
## INFO [22:24:13.414] 23   1
## INFO [22:24:13.414] 33 configurations evaluated
## INFO [22:24:13.429] Evaluating 1 configurations
## INFO [22:24:13.429]   k
## INFO [22:24:13.429] 42
## INFO [22:24:13.445] Benchmark with 5 resampling iterations
## INFO [22:24:13.461] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:14.273] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:15.076] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:15.905] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:16.702] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:17.514] Finished benchmark
## INFO [22:24:17.530] Result of batch 34:
## INFO [22:24:17.530]   k AUC
## INFO [22:24:17.530] 42   1
## INFO [22:24:17.530] 34 configurations evaluated
## INFO [22:24:17.546] Evaluating 1 configurations
## INFO [22:24:17.546]   k
## INFO [22:24:17.546] 5
## INFO [22:24:17.561] Benchmark with 5 resampling iterations
## INFO [22:24:17.561] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:18.074] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:18.593] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:19.140] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:19.655] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:20.161] Finished benchmark
## INFO [22:24:20.177] Result of batch 35:
## INFO [22:24:20.177]   k AUC
## INFO [22:24:20.177] 5   1
## INFO [22:24:20.193] 35 configurations evaluated
## INFO [22:24:20.193] Evaluating 1 configurations
## INFO [22:24:20.208]   k
## INFO [22:24:20.208] 12
## INFO [22:24:20.224] Benchmark with 5 resampling iterations
## INFO [22:24:20.224] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:24:20.818] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:21.385] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:21.978] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:22.547] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:23.122] Finished benchmark
## INFO [22:24:23.137] Result of batch 36:
## INFO [22:24:23.153]   k AUC
## INFO [22:24:23.153] 12   1
## INFO [22:24:23.153] 36 configurations evaluated
## INFO [22:24:23.153] Evaluating 1 configurations
## INFO [22:24:23.168]   k
## INFO [22:24:23.168] 28
## INFO [22:24:23.184] Benchmark with 5 resampling iterations
## INFO [22:24:23.184] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:23.891] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:24.625] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:25.332] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:26.037] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:26.753] Finished benchmark
## INFO [22:24:26.768] Result of batch 37:
## INFO [22:24:26.768]   k AUC
## INFO [22:24:26.768] 28   1
## INFO [22:24:26.784] 37 configurations evaluated
## INFO [22:24:26.784] Evaluating 1 configurations
## INFO [22:24:26.799]   k
## INFO [22:24:26.799] 35
## INFO [22:24:26.815] Benchmark with 5 resampling iterations
## INFO [22:24:26.815] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:28.069] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:28.838] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:29.604] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:30.373] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:31.126] Finished benchmark
## INFO [22:24:31.142] Result of batch 38:
## INFO [22:24:31.142]   k AUC
## INFO [22:24:31.142] 35   1
## INFO [22:24:31.142] 38 configurations evaluated
## INFO [22:24:31.157] Evaluating 1 configurations
## INFO [22:24:31.157]   k
## INFO [22:24:31.157] 39
## INFO [22:24:31.173] Benchmark with 5 resampling iterations
## INFO [22:24:31.173] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:31.982] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:32.785] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:33.566] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:34.363] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:35.167] Finished benchmark
## INFO [22:24:35.182] Result of batch 39:
## INFO [22:24:35.182]   k AUC
## INFO [22:24:35.182] 39   1
## INFO [22:24:35.182] 39 configurations evaluated
## INFO [22:24:35.198] Evaluating 1 configurations
## INFO [22:24:35.198]   k
## INFO [22:24:35.198] 18

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## INFO [22:24:35.213] Benchmark with 5 resampling iterations
## INFO [22:24:35.213] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:35.854] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:36.501] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:37.144] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:37.784] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:38.409] Finished benchmark
## INFO [22:24:38.424] Result of batch 40:
## INFO [22:24:38.424]   k AUC
## INFO [22:24:38.424] 18   1
## INFO [22:24:38.424] 40 configurations evaluated
## INFO [22:24:38.440] Evaluating 1 configurations
## INFO [22:24:38.440]   k
## INFO [22:24:38.440]   9
## INFO [22:24:38.471] Benchmark with 5 resampling iterations
## INFO [22:24:38.471] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:39.562] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:40.099] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:40.659] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:41.209] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:41.740] Finished benchmark
## INFO [22:24:41.756] Result of batch 41:
## INFO [22:24:41.771]   k AUC
## INFO [22:24:41.771]   9   1
## INFO [22:24:41.771] 41 configurations evaluated
## INFO [22:24:41.787] Evaluating 1 configurations
## INFO [22:24:41.787]   k
## INFO [22:24:41.787]  41
## INFO [22:24:41.803] Benchmark with 5 resampling iterations
## INFO [22:24:41.803] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:42.653] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:43.765] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:44.577] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:45.486] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:46.287] Finished benchmark
## INFO [22:24:46.303] Result of batch 42:
## INFO [22:24:46.303]   k AUC
## INFO [22:24:46.303] 41   1
## INFO [22:24:46.303] 42 configurations evaluated
## INFO [22:24:46.319] Evaluating 1 configurations
## INFO [22:24:46.319]   k
## INFO [22:24:46.319]  13
## INFO [22:24:46.334] Benchmark with 5 resampling iterations
## INFO [22:24:46.334] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:46.912] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:47.513] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:48.088] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:48.716] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:49.294] Finished benchmark
## INFO [22:24:49.310] Result of batch 43:
## INFO [22:24:49.310]   k AUC
## INFO [22:24:49.310] 13   1
## INFO [22:24:49.310] 43 configurations evaluated
## INFO [22:24:49.325] Evaluating 1 configurations

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## INFO [22:24:49.325] k
## INFO [22:24:49.325] 4
## INFO [22:24:49.341] Benchmark with 5 resampling iterations
## INFO [22:24:49.341] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:49.847] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:50.359] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:50.864] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:51.379] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:51.897] Finished benchmark
## INFO [22:24:51.913] Result of batch 44:
## INFO [22:24:51.913] k AUC
## INFO [22:24:51.913] 4 1
## INFO [22:24:51.913] 44 configurations evaluated
## INFO [22:24:51.928] Evaluating 1 configurations
## INFO [22:24:51.928] k
## INFO [22:24:51.928] 17
## INFO [22:24:51.944] Benchmark with 5 resampling iterations
## INFO [22:24:51.944] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:52.585] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:53.206] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:53.835] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:54.460] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:55.091] Finished benchmark
## INFO [22:24:55.107] Result of batch 45:
## INFO [22:24:55.107] k AUC
## INFO [22:24:55.107] 17 1
## INFO [22:24:55.107] 45 configurations evaluated
## INFO [22:24:55.122] Evaluating 1 configurations
## INFO [22:24:55.122] k
## INFO [22:24:55.122] 32
## INFO [22:24:55.138] Benchmark with 5 resampling iterations
## INFO [22:24:55.138] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:55.888] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:24:56.648] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:24:57.373] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:24:58.126] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:24:58.845] Finished benchmark
## INFO [22:24:58.861] Result of batch 46:
## INFO [22:24:58.876] k AUC
## INFO [22:24:58.876] 32 1
## INFO [22:24:58.876] 46 configurations evaluated
## INFO [22:24:58.892] Evaluating 1 configurations
## INFO [22:24:58.892] k
## INFO [22:24:58.892] 16
## INFO [22:24:58.908] Benchmark with 5 resampling iterations
## INFO [22:24:58.908] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:24:59.529] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:00.143] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:00.752] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:01.377] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:01.995] Finished benchmark
## INFO [22:25:02.011] Result of batch 47:
## INFO [22:25:02.011] k AUC
## INFO [22:25:02.011] 16 1

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## INFO [22:25:02.011] 47 configurations evaluated
## INFO [22:25:02.026] Evaluating 1 configurations
## INFO [22:25:02.026] k
## INFO [22:25:02.026] 11
## INFO [22:25:02.042] Benchmark with 5 resampling iterations
## INFO [22:25:02.042] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:02.612] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:03.237] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:03.799] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:04.397] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:04.948] Finished benchmark
## INFO [22:25:04.963] Result of batch 48:
## INFO [22:25:04.979] k AUC
## INFO [22:25:04.979] 11 1
## INFO [22:25:04.979] 48 configurations evaluated
## INFO [22:25:04.994] Evaluating 1 configurations
## INFO [22:25:04.994] k
## INFO [22:25:04.994] 7
## INFO [22:25:05.010] Benchmark with 5 resampling iterations
## INFO [22:25:05.010] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:05.541] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:06.072] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:06.607] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:07.151] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:07.688] Finished benchmark
## INFO [22:25:07.704] Result of batch 49:
## INFO [22:25:07.719] k AUC
## INFO [22:25:07.719] 7 1
## INFO [22:25:07.719] 49 configurations evaluated
## INFO [22:25:07.735] Evaluating 1 configurations
## INFO [22:25:07.735] k
## INFO [22:25:07.735] 8
## INFO [22:25:07.751] Benchmark with 5 resampling iterations
## INFO [22:25:07.751] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:08.282] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:08.829] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:09.360] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:09.913] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:10.457] Finished benchmark
## INFO [22:25:10.472] Result of batch 50:
## INFO [22:25:10.472] k AUC
## INFO [22:25:10.472] 8 1
## INFO [22:25:10.472] 50 configurations evaluated
## INFO [22:25:10.488] Finished tuning after 50 evals
## INFO [22:25:10.675] Tuned x: k=41
## INFO [22:25:10.675] Tuned y: AUC=1
## INFO [22:25:11.226] Applying learner 'classif.kknn.tuned' on task 'mushrooms_data' (iter 10/10)
## INFO [22:25:11.257] Starting to tune 1 parameters with '<TunerGridSearch>' and '<TerminatorEvals>'
## INFO [22:25:11.257] Terminator settings: n_evals=50
## INFO [22:25:11.257] Evaluating 1 configurations
## INFO [22:25:11.257] k
## INFO [22:25:11.257] 25
## INFO [22:25:11.273] Benchmark with 5 resampling iterations
## INFO [22:25:11.288] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:25:12.495] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:13.226] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:13.917] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:14.589] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:15.283] Finished benchmark
## INFO [22:25:15.298] Result of batch 1:
## INFO [22:25:15.298]   k AUC
## INFO [22:25:15.298] 25   1
## INFO [22:25:15.298] 1 configurations evaluated
## INFO [22:25:15.314] Evaluating 1 configurations
## INFO [22:25:15.314]   k
## INFO [22:25:15.314] 20
## INFO [22:25:15.330] Benchmark with 5 resampling iterations
## INFO [22:25:15.330] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:15.986] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:16.655] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:17.295] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:17.939] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:18.598] Finished benchmark
## INFO [22:25:18.598] Result of batch 2:
## INFO [22:25:18.614]   k AUC
## INFO [22:25:18.614] 20   1
## INFO [22:25:18.614] 2 configurations evaluated
## INFO [22:25:18.630] Evaluating 1 configurations
## INFO [22:25:18.630]   k
## INFO [22:25:18.630] 28
## INFO [22:25:18.645] Benchmark with 5 resampling iterations
## INFO [22:25:18.645] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:19.364] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:20.098] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:20.801] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:21.504] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:22.229] Finished benchmark
## INFO [22:25:22.229] Result of batch 3:
## INFO [22:25:22.245]   k AUC
## INFO [22:25:22.245] 28   1
## INFO [22:25:22.245] 3 configurations evaluated
## INFO [22:25:22.261] Evaluating 1 configurations
## INFO [22:25:22.261]   k
## INFO [22:25:22.261] 47
## INFO [22:25:22.276] Benchmark with 5 resampling iterations
## INFO [22:25:22.276] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:23.244] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:24.103] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:24.982] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:25.844] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:26.684] Finished benchmark
## INFO [22:25:26.684] Result of batch 4:
## INFO [22:25:26.700]   k AUC
## INFO [22:25:26.700] 47   1
## INFO [22:25:26.700] 4 configurations evaluated
## INFO [22:25:26.716] Evaluating 1 configurations
## INFO [22:25:26.716]   k
## INFO [22:25:26.716] 1

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## INFO [22:25:26.731] Benchmark with 5 resampling iterations
## INFO [22:25:26.731] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:27.200] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:27.684] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:28.144] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:28.625] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:29.113] Finished benchmark
## INFO [22:25:29.129] Result of batch 5:
## INFO [22:25:29.129] k AUC
## INFO [22:25:29.129] 1 1
## INFO [22:25:29.129] 5 configurations evaluated
## INFO [22:25:29.144] Evaluating 1 configurations
## INFO [22:25:29.144] k
## INFO [22:25:29.144] 45
## INFO [22:25:29.160] Benchmark with 5 resampling iterations
## INFO [22:25:29.160] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:30.004] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:30.847] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:31.656] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:32.516] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:33.341] Finished benchmark
## INFO [22:25:33.341] Result of batch 6:
## INFO [22:25:33.356] k AUC
## INFO [22:25:33.356] 45 1
## INFO [22:25:33.356] 6 configurations evaluated
## INFO [22:25:33.372] Evaluating 1 configurations
## INFO [22:25:33.372] k
## INFO [22:25:33.372] 39
## INFO [22:25:33.388] Benchmark with 5 resampling iterations
## INFO [22:25:33.388] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:34.187] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:35.000] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:35.781] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:36.565] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:37.459] Finished benchmark
## INFO [22:25:37.475] Result of batch 7:
## INFO [22:25:37.475] k AUC
## INFO [22:25:37.475] 39 1
## INFO [22:25:37.475] 7 configurations evaluated
## INFO [22:25:37.490] Evaluating 1 configurations
## INFO [22:25:37.490] k
## INFO [22:25:37.490] 5
## INFO [22:25:37.522] Benchmark with 5 resampling iterations
## INFO [22:25:37.522] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:38.037] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:38.591] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:39.118] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:39.622] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:40.154] Finished benchmark
## INFO [22:25:40.169] Result of batch 8:
## INFO [22:25:40.169] k AUC
## INFO [22:25:40.169] 5 1
## INFO [22:25:40.169] 8 configurations evaluated
## INFO [22:25:40.185] Evaluating 1 configurations

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## INFO [22:25:40.185] k
## INFO [22:25:40.185] 2
## INFO [22:25:40.200] Benchmark with 5 resampling iterations
## INFO [22:25:40.200] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:40.685] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:41.191] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:41.688] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:42.207] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:42.723] Finished benchmark
## INFO [22:25:42.723] Result of batch 9:
## INFO [22:25:42.739] k AUC
## INFO [22:25:42.739] 2 1
## INFO [22:25:42.739] 9 configurations evaluated
## INFO [22:25:42.754] Evaluating 1 configurations
## INFO [22:25:42.754] k
## INFO [22:25:42.754] 41
## INFO [22:25:42.770] Benchmark with 5 resampling iterations
## INFO [22:25:42.770] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:43.573] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:44.398] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:45.198] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:45.995] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:46.796] Finished benchmark
## INFO [22:25:46.811] Result of batch 10:
## INFO [22:25:46.811] k AUC
## INFO [22:25:46.811] 41 1
## INFO [22:25:46.811] 10 configurations evaluated
## INFO [22:25:46.827] Evaluating 1 configurations
## INFO [22:25:46.827] k
## INFO [22:25:46.827] 3
## INFO [22:25:46.843] Benchmark with 5 resampling iterations
## INFO [22:25:46.843] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:47.892] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:48.392] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:48.899] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:49.396] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:49.896] Finished benchmark
## INFO [22:25:49.911] Result of batch 11:
## INFO [22:25:49.927] k AUC
## INFO [22:25:49.927] 3 1
## INFO [22:25:49.927] 11 configurations evaluated
## INFO [22:25:49.927] Evaluating 1 configurations
## INFO [22:25:49.943] k
## INFO [22:25:49.943] 26
## INFO [22:25:49.958] Benchmark with 5 resampling iterations
## INFO [22:25:49.958] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:50.665] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:51.384] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:52.087] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:52.759] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:53.462] Finished benchmark
## INFO [22:25:53.478] Result of batch 12:
## INFO [22:25:53.478] k AUC
## INFO [22:25:53.478] 26 1

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## INFO [22:25:53.493] 12 configurations evaluated
## INFO [22:25:53.493] Evaluating 1 configurations
## INFO [22:25:53.509] k
## INFO [22:25:53.509] 9
## INFO [22:25:53.525] Benchmark with 5 resampling iterations
## INFO [22:25:53.525] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:54.570] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:55.114] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:55.659] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:56.212] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:25:56.819] Finished benchmark
## INFO [22:25:56.834] Result of batch 13:
## INFO [22:25:56.834] k AUC
## INFO [22:25:56.834] 9 1
## INFO [22:25:56.834] 13 configurations evaluated
## INFO [22:25:56.850] Evaluating 1 configurations
## INFO [22:25:56.850] k
## INFO [22:25:56.850] 23
## INFO [22:25:56.866] Benchmark with 5 resampling iterations
## INFO [22:25:56.866] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:25:57.541] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:25:58.213] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:25:58.875] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:25:59.563] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:00.266] Finished benchmark
## INFO [22:26:00.282] Result of batch 14:
## INFO [22:26:00.282] k AUC
## INFO [22:26:00.282] 23 1
## INFO [22:26:00.282] 14 configurations evaluated
## INFO [22:26:00.297] Evaluating 1 configurations
## INFO [22:26:00.297] k
## INFO [22:26:00.297] 33
## INFO [22:26:00.313] Benchmark with 5 resampling iterations
## INFO [22:26:00.313] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:01.069] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:01.864] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:02.602] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:03.352] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:04.121] Finished benchmark
## INFO [22:26:04.137] Result of batch 15:
## INFO [22:26:04.137] k AUC
## INFO [22:26:04.137] 33 1
## INFO [22:26:04.137] 15 configurations evaluated
## INFO [22:26:04.153] Evaluating 1 configurations
## INFO [22:26:04.153] k
## INFO [22:26:04.153] 46
## INFO [22:26:04.168] Benchmark with 5 resampling iterations
## INFO [22:26:04.168] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:05.015] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:05.890] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:06.706] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:07.553] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:08.396] Finished benchmark
## INFO [22:26:08.412] Result of batch 16:

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## INFO [22:26:08.412] k AUC
## INFO [22:26:08.412] 46 1
## INFO [22:26:08.412] 16 configurations evaluated
## INFO [22:26:08.428] Evaluating 1 configurations
## INFO [22:26:08.428] k
## INFO [22:26:08.428] 49
## INFO [22:26:08.443] Benchmark with 5 resampling iterations
## INFO [22:26:08.443] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:09.459] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:10.337] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:11.262] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:12.106] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:12.978] Finished benchmark
## INFO [22:26:12.994] Result of batch 17:
## INFO [22:26:12.994] k AUC
## INFO [22:26:12.994] 49 0.9999993
## INFO [22:26:13.009] 17 configurations evaluated
## INFO [22:26:13.009] Evaluating 1 configurations
## INFO [22:26:13.025] k
## INFO [22:26:13.025] 24
## INFO [22:26:13.040] Benchmark with 5 resampling iterations
## INFO [22:26:13.040] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:13.715] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:14.434] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:15.156] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:15.847] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:16.550] Finished benchmark
## INFO [22:26:16.565] Result of batch 18:
## INFO [22:26:16.565] k AUC
## INFO [22:26:16.565] 24 1
## INFO [22:26:16.565] 18 configurations evaluated
## INFO [22:26:16.581] Evaluating 1 configurations
## INFO [22:26:16.581] k
## INFO [22:26:16.581] 8
## INFO [22:26:16.597] Benchmark with 5 resampling iterations
## INFO [22:26:16.597] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:17.134] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:17.678] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:18.213] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:18.776] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:19.307] Finished benchmark
## INFO [22:26:19.322] Result of batch 19:
## INFO [22:26:19.338] k AUC
## INFO [22:26:19.338] 8 1
## INFO [22:26:19.338] 19 configurations evaluated
## INFO [22:26:19.354] Evaluating 1 configurations
## INFO [22:26:19.354] k
## INFO [22:26:19.354] 17
## INFO [22:26:19.369] Benchmark with 5 resampling iterations
## INFO [22:26:19.369] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:19.985] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:20.626] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:21.251] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:21.876] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

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## INFO [22:26:22.523] Finished benchmark
## INFO [22:26:22.539] Result of batch 20:
## INFO [22:26:22.539]   k AUC
## INFO [22:26:22.539] 17   1
## INFO [22:26:22.539] 20 configurations evaluated
## INFO [22:26:22.554] Evaluating 1 configurations
## INFO [22:26:22.554]   k
## INFO [22:26:22.554] 12
## INFO [22:26:22.570] Benchmark with 5 resampling iterations
## INFO [22:26:22.570] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:23.148] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:23.742] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:24.320] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:24.904] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:25.494] Finished benchmark
## INFO [22:26:25.510] Result of batch 21:
## INFO [22:26:25.510]   k AUC
## INFO [22:26:25.510] 12   1
## INFO [22:26:25.510] 21 configurations evaluated
## INFO [22:26:25.526] Evaluating 1 configurations
## INFO [22:26:25.526]   k
## INFO [22:26:25.526] 35
## INFO [22:26:25.541] Benchmark with 5 resampling iterations
## INFO [22:26:25.541] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:26.360] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:27.144] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:27.910] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:28.813] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:29.769] Finished benchmark
## INFO [22:26:29.784] Result of batch 22:
## INFO [22:26:29.784]   k AUC
## INFO [22:26:29.784] 35   1
## INFO [22:26:29.784] 22 configurations evaluated
## INFO [22:26:29.800] Evaluating 1 configurations
## INFO [22:26:29.800]   k
## INFO [22:26:29.800] 30
## INFO [22:26:29.815] Benchmark with 5 resampling iterations
## INFO [22:26:29.815] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:30.581] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:31.350] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:32.087] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:32.837] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:33.624] Finished benchmark
## INFO [22:26:33.624] Result of batch 23:
## INFO [22:26:33.640]   k AUC
## INFO [22:26:33.640] 30   1
## INFO [22:26:33.640] 23 configurations evaluated
## INFO [22:26:33.656] Evaluating 1 configurations
## INFO [22:26:33.656]   k
## INFO [22:26:33.656] 18
## INFO [22:26:33.680] Benchmark with 5 resampling iterations
## INFO [22:26:33.681] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:34.312] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:34.984] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)

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## INFO [22:26:35.609] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:36.218] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:36.871] Finished benchmark
## INFO [22:26:36.886] Result of batch 24:
## INFO [22:26:36.886]   k AUC
## INFO [22:26:36.886] 18   1
## INFO [22:26:36.886] 24 configurations evaluated
## INFO [22:26:36.902] Evaluating 1 configurations
## INFO [22:26:36.917]   k
## INFO [22:26:36.917] 22
## INFO [22:26:36.933] Benchmark with 5 resampling iterations
## INFO [22:26:36.933] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:37.605] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:38.279] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:38.940] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:39.612] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:40.290] Finished benchmark
## INFO [22:26:40.305] Result of batch 25:
## INFO [22:26:40.305]   k AUC
## INFO [22:26:40.305] 22   1
## INFO [22:26:40.305] 25 configurations evaluated
## INFO [22:26:40.321] Evaluating 1 configurations
## INFO [22:26:40.321]   k
## INFO [22:26:40.321] 40
## INFO [22:26:40.337] Benchmark with 5 resampling iterations
## INFO [22:26:40.337] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:41.146] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:41.970] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:42.747] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:43.572] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:44.372] Finished benchmark
## INFO [22:26:44.388] Result of batch 26:
## INFO [22:26:44.388]   k AUC
## INFO [22:26:44.388] 40   1
## INFO [22:26:44.388] 26 configurations evaluated
## INFO [22:26:44.403] Evaluating 1 configurations
## INFO [22:26:44.403]   k
## INFO [22:26:44.403] 43
## INFO [22:26:44.435] Benchmark with 5 resampling iterations
## INFO [22:26:44.435] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:45.253] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:46.110] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:46.931] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:47.734] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:48.543] Finished benchmark
## INFO [22:26:48.559] Result of batch 27:
## INFO [22:26:48.559]   k AUC
## INFO [22:26:48.559] 43   1
## INFO [22:26:48.559] 27 configurations evaluated
## INFO [22:26:48.575] Evaluating 1 configurations
## INFO [22:26:48.575]   k
## INFO [22:26:48.575] 10
## INFO [22:26:48.590] Benchmark with 5 resampling iterations
## INFO [22:26:48.590] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)

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## INFO [22:26:49.156] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:49.734] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:50.287] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:50.847] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:51.413] Finished benchmark
## INFO [22:26:51.428] Result of batch 28:
## INFO [22:26:51.428]   k AUC
## INFO [22:26:51.428] 10   1
## INFO [22:26:51.428] 28 configurations evaluated
## INFO [22:26:51.444] Evaluating 1 configurations
## INFO [22:26:51.444]   k
## INFO [22:26:51.444] 27
## INFO [22:26:51.459] Benchmark with 5 resampling iterations
## INFO [22:26:51.459] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:52.197] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:52.916] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:53.616] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:54.323] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:55.026] Finished benchmark
## INFO [22:26:55.054] Result of batch 29:
## INFO [22:26:55.054]   k AUC
## INFO [22:26:55.054] 27   1
## INFO [22:26:55.054] 29 configurations evaluated
## INFO [22:26:55.069] Evaluating 1 configurations
## INFO [22:26:55.069]   k
## INFO [22:26:55.069] 15
## INFO [22:26:55.085] Benchmark with 5 resampling iterations
## INFO [22:26:55.085] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:55.694] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:56.335] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:26:56.929] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:26:57.526] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:26:58.151] Finished benchmark
## INFO [22:26:58.166] Result of batch 30:
## INFO [22:26:58.166]   k AUC
## INFO [22:26:58.166] 15   1
## INFO [22:26:58.166] 30 configurations evaluated
## INFO [22:26:58.182] Evaluating 1 configurations
## INFO [22:26:58.182]   k
## INFO [22:26:58.182] 36
## INFO [22:26:58.198] Benchmark with 5 resampling iterations
## INFO [22:26:58.198] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:26:58.979] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:26:59.776] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:00.589] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:01.329] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:02.132] Finished benchmark
## INFO [22:27:02.151] Result of batch 31:
## INFO [22:27:02.151]   k AUC
## INFO [22:27:02.151] 36   1
## INFO [22:27:02.151] 31 configurations evaluated
## INFO [22:27:02.167] Evaluating 1 configurations
## INFO [22:27:02.167]   k
## INFO [22:27:02.167] 37

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## INFO [22:27:02.198] Benchmark with 5 resampling iterations
## INFO [22:27:02.198] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:02.978] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:03.781] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:04.560] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:05.515] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:06.287] Finished benchmark
## INFO [22:27:06.303] Result of batch 32:
## INFO [22:27:06.303]   k AUC
## INFO [22:27:06.303] 37   1
## INFO [22:27:06.303] 32 configurations evaluated
## INFO [22:27:06.319] Evaluating 1 configurations
## INFO [22:27:06.319]   k
## INFO [22:27:06.319] 32
## INFO [22:27:06.334] Benchmark with 5 resampling iterations
## INFO [22:27:06.334] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:07.081] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:07.850] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:08.600] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:09.337] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:10.091] Finished benchmark
## INFO [22:27:10.107] Result of batch 33:
## INFO [22:27:10.107]   k AUC
## INFO [22:27:10.107] 32   1
## INFO [22:27:10.107] 33 configurations evaluated
## INFO [22:27:10.122] Evaluating 1 configurations
## INFO [22:27:10.122]   k
## INFO [22:27:10.122] 21
## INFO [22:27:10.154] Benchmark with 5 resampling iterations
## INFO [22:27:10.154] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:10.826] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:11.497] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:12.154] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:12.825] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:13.488] Finished benchmark
## INFO [22:27:13.504] Result of batch 34:
## INFO [22:27:13.520]   k AUC
## INFO [22:27:13.520] 21   1
## INFO [22:27:13.520] 34 configurations evaluated
## INFO [22:27:13.520] Evaluating 1 configurations
## INFO [22:27:13.535]   k
## INFO [22:27:13.535] 4
## INFO [22:27:13.551] Benchmark with 5 resampling iterations
## INFO [22:27:13.551] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:14.051] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:14.582] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:15.104] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:15.616] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:16.151] Finished benchmark
## INFO [22:27:16.167] Result of batch 35:
## INFO [22:27:16.167]   k AUC
## INFO [22:27:16.167] 4   1
## INFO [22:27:16.167] 35 configurations evaluated
## INFO [22:27:16.183] Evaluating 1 configurations

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## INFO [22:27:16.183] k
## INFO [22:27:16.183] 13
## INFO [22:27:16.214] Benchmark with 5 resampling iterations
## INFO [22:27:16.214] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:16.808] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:17.408] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:18.502] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:19.065] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:19.674] Finished benchmark
## INFO [22:27:19.690] Result of batch 36:
## INFO [22:27:19.690] k AUC
## INFO [22:27:19.690] 13 1
## INFO [22:27:19.690] 36 configurations evaluated
## INFO [22:27:19.705] Evaluating 1 configurations
## INFO [22:27:19.705] k
## INFO [22:27:19.705] 16
## INFO [22:27:19.721] Benchmark with 5 resampling iterations
## INFO [22:27:19.721] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:20.321] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:20.977] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:21.571] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:22.177] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:22.802] Finished benchmark
## INFO [22:27:22.818] Result of batch 37:
## INFO [22:27:22.818] k AUC
## INFO [22:27:22.818] 16 1
## INFO [22:27:22.818] 37 configurations evaluated
## INFO [22:27:22.833] Evaluating 1 configurations
## INFO [22:27:22.833] k
## INFO [22:27:22.833] 7
## INFO [22:27:22.865] Benchmark with 5 resampling iterations
## INFO [22:27:22.865] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:23.396] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:23.943] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:24.480] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:25.024] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:25.559] Finished benchmark
## INFO [22:27:25.575] Result of batch 38:
## INFO [22:27:25.575] k AUC
## INFO [22:27:25.575] 7 1
## INFO [22:27:25.590] 38 configurations evaluated
## INFO [22:27:25.590] Evaluating 1 configurations
## INFO [22:27:25.606] k
## INFO [22:27:25.606] 48
## INFO [22:27:25.621] Benchmark with 5 resampling iterations
## INFO [22:27:25.621] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:26.481] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:27.356] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:28.184] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:29.043] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:29.906] Finished benchmark
## INFO [22:27:29.921] Result of batch 39:
## INFO [22:27:29.921] k AUC
## INFO [22:27:29.921] 48 0.9999996

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## INFO [22:27:29.921] 39 configurations evaluated
## INFO [22:27:29.937] Evaluating 1 configurations
## INFO [22:27:29.937] k
## INFO [22:27:29.937] 38
## INFO [22:27:29.953] Benchmark with 5 resampling iterations
## INFO [22:27:29.953] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:30.737] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:31.565] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:32.343] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:33.130] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:33.944] Finished benchmark
## INFO [22:27:33.944] Result of batch 40:
## INFO [22:27:33.959] k AUC
## INFO [22:27:33.959] 38 1
## INFO [22:27:33.959] 40 configurations evaluated
## INFO [22:27:33.975] Evaluating 1 configurations
## INFO [22:27:33.975] k
## INFO [22:27:33.975] 44
## INFO [22:27:33.990] Benchmark with 5 resampling iterations
## INFO [22:27:33.990] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:34.818] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:35.747] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:36.575] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:37.535] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:38.354] Finished benchmark
## INFO [22:27:38.369] Result of batch 41:
## INFO [22:27:38.369] k AUC
## INFO [22:27:38.369] 44 1
## INFO [22:27:38.385] 41 configurations evaluated
## INFO [22:27:38.385] Evaluating 1 configurations
## INFO [22:27:38.401] k
## INFO [22:27:38.401] 31
## INFO [22:27:38.422] Benchmark with 5 resampling iterations
## INFO [22:27:38.423] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:39.150] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:39.916] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:40.641] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:41.372] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:42.113] Finished benchmark
## INFO [22:27:42.129] Result of batch 42:
## INFO [22:27:42.129] k AUC
## INFO [22:27:42.129] 31 1
## INFO [22:27:42.129] 42 configurations evaluated
## INFO [22:27:42.144] Evaluating 1 configurations
## INFO [22:27:42.144] k
## INFO [22:27:42.144] 11
## INFO [22:27:42.160] Benchmark with 5 resampling iterations
## INFO [22:27:42.160] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:42.722] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:43.307] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:43.882] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:44.432] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:45.010] Finished benchmark
## INFO [22:27:45.025] Result of batch 43:

```

```

## INFO [22:27:45.025] k AUC
## INFO [22:27:45.025] 11 1
## INFO [22:27:45.025] 43 configurations evaluated
## INFO [22:27:45.041] Evaluating 1 configurations
## INFO [22:27:45.041] k
## INFO [22:27:45.041] 6
## INFO [22:27:45.057] Benchmark with 5 resampling iterations
## INFO [22:27:45.057] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:45.594] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:46.138] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:46.676] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:47.207] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:47.739] Finished benchmark
## INFO [22:27:47.754] Result of batch 44:
## INFO [22:27:47.754] k AUC
## INFO [22:27:47.754] 6 1
## INFO [22:27:47.770] 44 configurations evaluated
## INFO [22:27:47.770] Evaluating 1 configurations
## INFO [22:27:47.785] k
## INFO [22:27:47.785] 50
## INFO [22:27:47.801] Benchmark with 5 resampling iterations
## INFO [22:27:47.801] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:48.673] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:49.551] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:50.479] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:51.336] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:52.198] Finished benchmark
## INFO [22:27:52.213] Result of batch 45:
## INFO [22:27:52.213] k AUC
## INFO [22:27:52.213] 50 0.9999993
## INFO [22:27:52.213] 45 configurations evaluated
## INFO [22:27:52.229] Evaluating 1 configurations
## INFO [22:27:52.229] k
## INFO [22:27:52.229] 29
## INFO [22:27:52.245] Benchmark with 5 resampling iterations
## INFO [22:27:52.245] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:52.979] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:53.713] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:54.432] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:55.139] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:27:55.986] Finished benchmark
## INFO [22:27:56.001] Result of batch 46:
## INFO [22:27:56.001] k AUC
## INFO [22:27:56.001] 29 1
## INFO [22:27:56.001] 46 configurations evaluated
## INFO [22:27:56.017] Evaluating 1 configurations
## INFO [22:27:56.017] k
## INFO [22:27:56.017] 42
## INFO [22:27:56.032] Benchmark with 5 resampling iterations
## INFO [22:27:56.032] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:27:56.857] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:27:57.685] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:27:58.501] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:27:59.270] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)

```

```

## INFO [22:28:00.098] Finished benchmark
## INFO [22:28:00.114] Result of batch 47:
## INFO [22:28:00.129] k AUC
## INFO [22:28:00.129] 42 1
## INFO [22:28:00.129] 47 configurations evaluated
## INFO [22:28:00.145] Evaluating 1 configurations
## INFO [22:28:00.145] k
## INFO [22:28:00.145] 19
## INFO [22:28:00.160] Benchmark with 5 resampling iterations
## INFO [22:28:00.160] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:28:00.808] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:28:01.461] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:28:02.105] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:28:02.730] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:28:03.400] Finished benchmark
## INFO [22:28:03.415] Result of batch 48:
## INFO [22:28:03.415] k AUC
## INFO [22:28:03.415] 19 1
## INFO [22:28:03.415] 48 configurations evaluated
## INFO [22:28:03.431] Evaluating 1 configurations
## INFO [22:28:03.431] k
## INFO [22:28:03.431] 14
## INFO [22:28:03.447] Benchmark with 5 resampling iterations
## INFO [22:28:03.447] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:28:04.056] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:28:04.662] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:28:05.353] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:28:05.931] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:28:06.532] Finished benchmark
## INFO [22:28:06.548] Result of batch 49:
## INFO [22:28:06.548] k AUC
## INFO [22:28:06.548] 14 1
## INFO [22:28:06.563] 49 configurations evaluated
## INFO [22:28:06.563] Evaluating 1 configurations
## INFO [22:28:06.579] k
## INFO [22:28:06.579] 34
## INFO [22:28:06.594] Benchmark with 5 resampling iterations
## INFO [22:28:06.594] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 1/5)
## INFO [22:28:07.338] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 2/5)
## INFO [22:28:08.126] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 3/5)
## INFO [22:28:08.923] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 4/5)
## INFO [22:28:09.692] Applying learner 'classif.kknn' on task 'mushrooms_data' (iter 5/5)
## INFO [22:28:10.461] Finished benchmark
## INFO [22:28:10.461] Result of batch 50:
## INFO [22:28:10.477] k AUC
## INFO [22:28:10.477] 34 1
## INFO [22:28:10.477] 50 configurations evaluated
## INFO [22:28:10.492] Finished tuning after 50 evals
## INFO [22:28:10.664] Tuned x: k=6
## INFO [22:28:10.664] Tuned y: AUC=1
## INFO [22:28:11.164] Finished benchmark

```

When nominal features are included in a logistic regression each category is binary encoded. However, if in one category every single observation points to the same target variable class (edible or poisonous), the

model does not converge. In this case the separation leads to the non-existence of - or rather infinitely high - maximum likelihood estimates, since the probability for an observation to belong to a specific class is exactly 1. As this is what happens for some categories such as “spicy odor” the model fit is not quite stable and interpreting the coefficients might be misleading.

Apart from this, no errors or warnings occurred during resampling when printing the benchmark result `print(bmr)`.

```
print(bmr)
```

```
## <BenchmarkResult> of 60 rows with 6 resampling runs
##   nr      task_id      learner_id resampling_id iters warnings errors
##   1 mushrooms_data classif.featureless      cv      10         0        0
##   2 mushrooms_data classif.naive_bayes      cv      10         0        0
##   3 mushrooms_data      classif.rpart      cv      10         0        0
##   4 mushrooms_data      classif.log_reg      cv      10         0        0
##   5 mushrooms_data classif.ranger.tuned      cv      10         0        0
##   6 mushrooms_data      classif.kknn.tuned      cv      10         0        0
```

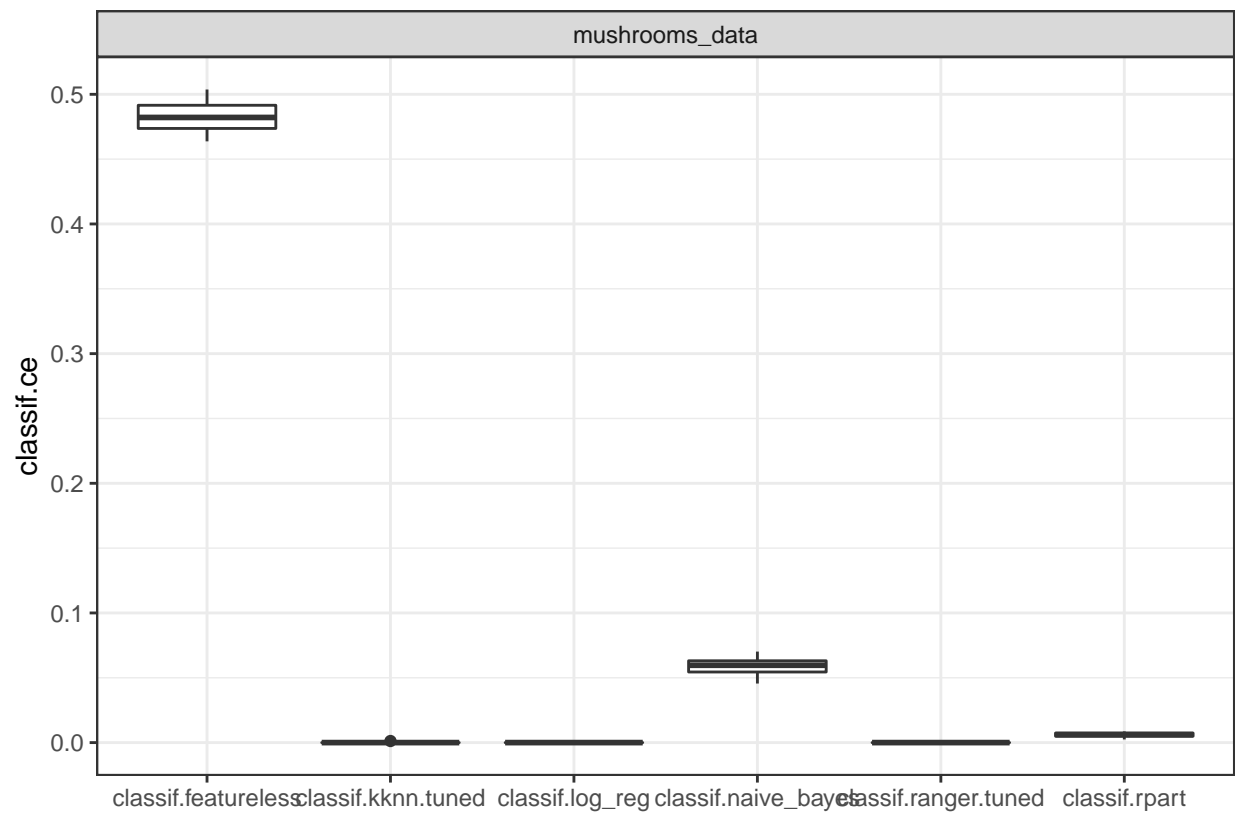
In the following table we can see how every algorithm (excluding featureless) leads to nearly perfect classification results and thus to an AUC to 1 or almost 1. As expected, a featureless model stays at a classification error (CE) of close to 0.5 since the most common class label will be predicted for every observation regardless of features and our classes are almost equally distributed (51.8% edible vs. 48.2% poisonous). The logistic regression (`log_reg`), random forest (`ranger`) and KNN (`kknn`) all have an AUC of 1.0000000. However, if you look at the False Positive Rate (FPR) of KNN, it is not exactly zero and therefore the AUC cannot be exactly 1 and has been rounded. Even a single, usually rather unstable, decision tree (`rpart`) leads to incredible results and a FPR of only 1.2%. Since there are some features which can separate the classes very well, these results should not be too surprising, though. Therefore we conclude that there is no real need to further tune hyperparameters or choose a too complex model.

```
tab_learner_performance = bmr$aggregate(measures)
# tab_learner_performance[, learner_id:MMCE]
tab_learner_performance %>% select(learner_id:MMCE)
```

```
##           learner_id resampling_id iters      AUC False Positive Rate
## 1:  classif.featureless      cv      10 0.5000000      1.0000000000
## 2:  classif.naive_bayes      cv      10 0.9960508      0.1156206472
## 3:      classif.rpart      cv      10 0.9938725      0.0122550286
## 4:      classif.log_reg      cv      10 1.0000000      0.0000000000
## 5:  classif.ranger.tuned      cv      10 1.0000000      0.0000000000
## 6:      classif.kknn.tuned      cv      10 1.0000000      0.0002564103
##      Sensitivity Specificity      MMCE
## 1:      1.000000      0.0000000 0.4820289447
## 2:      0.993594      0.8843794 0.0589604578
## 3:      1.000000      0.9877450 0.0059081490
## 4:      1.000000      1.0000000 0.0000000000
## 5:      1.000000      1.0000000 0.0000000000
## 6:      1.000000      0.9997436 0.0001231527
```

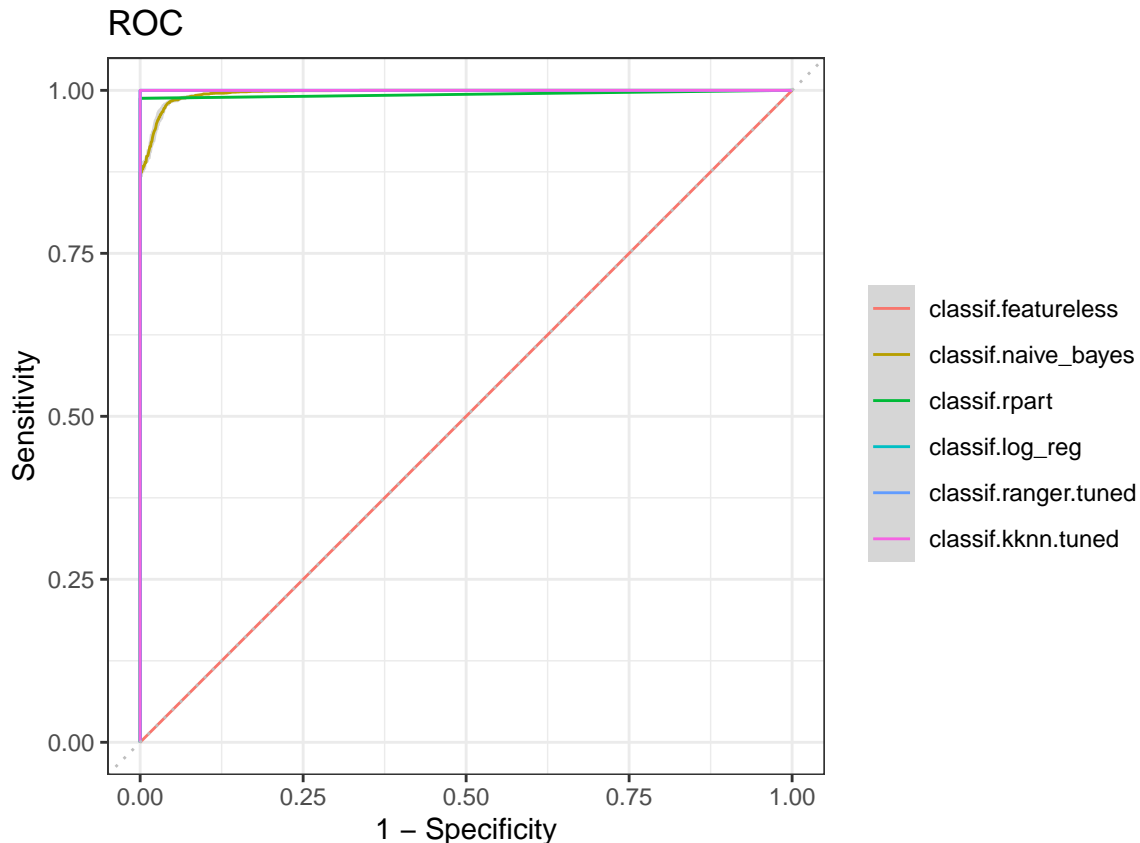
In the first plot we can see how the CE is distributed among the different CV folds for the various algorithms and in the second plot the ROC curve is displayed.

```
autoplot(bmr)
```



```
autoplot(bmr, type = "roc")
```





## Final model

All steps so far answered the question which model with which hyperparameters yields good results with a now known generalization error. However to obtain the best possible predictions, training with all available data points is needed. Our previous models showed:

- \* Naive Bayes has a worse FPR than other models, which is relevant considering a mushroom which is falsely classified as edible might lead to poisoning or even death
- \* Perfect classification results for random forest and logistic regression
- \* Logistic regression has convergence issues
- \* Almost perfect classification for KNN and decision tree

Even though a single tree would be the most useful and applicable model when picking mushrooms in real life, we chose the random forest as final model since it can perfectly classify all observations and has no stability issues such as the logistic regression.

```
# Train tuner_ranger once again using the same specs as before
tuner_ranger$tuning_instance

tuner_ranger$train(task_mushrooms)
# AUC performance for parameter combinations:
tuner_ranger$tuning_instance$archive(unnest = "params") %>%
  select(mtry, AUC) %>%
  arrange(mtry)
# Pretty much every combination works perfectly

tuner_ranger$tuning_result # Winning mtrz is 11 although we could use
# 2-21 and achieve the same perfect performance
```

```

# use these parameters for our final winner model with winner specs:
learner_final = lrn("classif.ranger", predict_type = "prob")
learner_final$param_set$values = tuner_ranger$tuning_result$params

# Fit winner model to entire data set
learner_final$train(task_mushrooms)

```

To prevent the random forest from being too much of a black box algorithm, the variable importance is shown in the plot below. As suspected in the descriptive part, odor is clearly a good indicator for mushroom edibility.

```

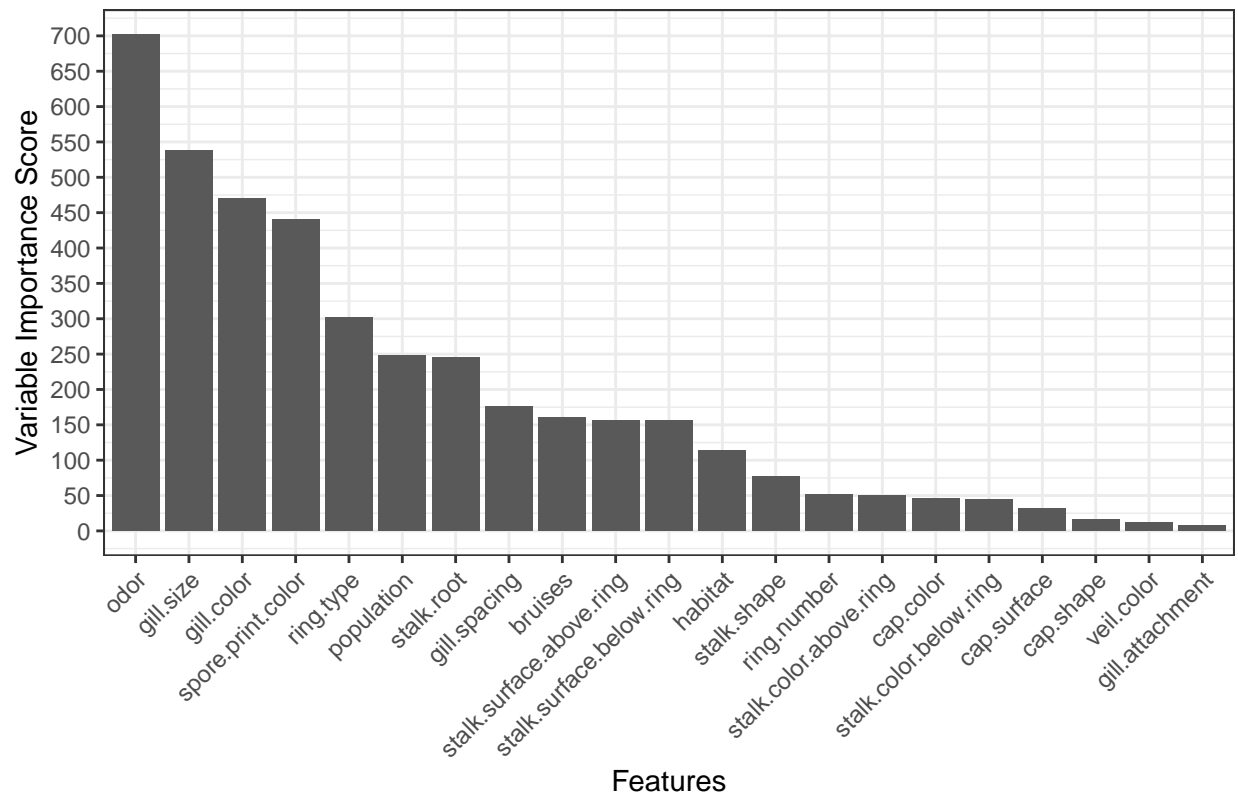
# construct filter to extract variable importance in previously set up winning learner
# Gini index for classification used in 'impurity' measure
filter_ranger = flt("importance", learner = learner_final)
# rerun learner on entire data set and store variable importance results
filter_ranger$calculate(task_mushrooms)

feature_scores <- as.data.table(filter_ranger)

ggplot(data = feature_scores,
       aes(x = reorder(feature, -score),
           y = score)) +
  geom_bar(stat = "identity") +
  ggtitle(label = "Mushroom Features - Variable Importance in Random Forest") +
  labs(x = "Features", y = "Variable Importance Score") +
  theme(axis.text.x = element_text(angle = 45, hjust = 1)) +
  scale_y_continuous(breaks = pretty(1:feature_scores$score[1], 10))

```

### Mushroom Features – Variable Importance in Random Forest



### Conclusion

The data set was almost too perfect and the observations were too well separable into the different classes. This made machine learning methods and especially hyperparameter tuning almost unnecessary. Nevertheless, it was very interesting to look at this uncommon case of “perfect” data and it showed that you should critically question every analysis and not just blindly follow the standard machine learning procedure. In borderline cases such as ours, a careful examination of the outputs are especially important. The non-convergence of the logistic regression estimates illustrates this perfectly.