JavaScript is disabled on your browser.

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Tree](http://docs.google.com/package-tree.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/org/opencv/ml/NormalBayesClassifier.html)
* [Next Class](http://docs.google.com/org/opencv/ml/RTrees.html)
* [Frames](http://docs.google.com/index.html?org/opencv/ml/ParamGrid.html)
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org.opencv.ml

## Class ParamGrid

* java.lang.Object
  + org.opencv.ml.ParamGrid
* public class ParamGrid  
  extends java.lang.Object  
  The structure represents the logarithmic grid range of statmodel parameters. It is used for optimizing statmodel accuracy by varying model parameters, the accuracy estimate being computed by cross-validation.

### Method SummaryMethods

| Modifier and Type | Method and Description |
| --- | --- |
| static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) | [**\_\_fromPtr\_\_**](http://docs.google.com/org/opencv/ml/ParamGrid.html#__fromPtr__(long))(long addr) |
| static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) | [**create**](http://docs.google.com/org/opencv/ml/ParamGrid.html#create())() Creates a ParamGrid Ptr that can be given to the %SVM::trainAuto method |
| static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) | [**create**](http://docs.google.com/org/opencv/ml/ParamGrid.html#create(double))(double minVal) Creates a ParamGrid Ptr that can be given to the %SVM::trainAuto method |
| static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) | [**create**](http://docs.google.com/org/opencv/ml/ParamGrid.html#create(double,%20double))(double minVal, double maxVal) Creates a ParamGrid Ptr that can be given to the %SVM::trainAuto method |
| static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) | [**create**](http://docs.google.com/org/opencv/ml/ParamGrid.html#create(double,%20double,%20double))(double minVal, double maxVal, double logstep) Creates a ParamGrid Ptr that can be given to the %SVM::trainAuto method |
| double | [**get\_logStep**](http://docs.google.com/org/opencv/ml/ParamGrid.html#get_logStep())() |
| double | [**get\_maxVal**](http://docs.google.com/org/opencv/ml/ParamGrid.html#get_maxVal())() |
| double | [**get\_minVal**](http://docs.google.com/org/opencv/ml/ParamGrid.html#get_minVal())() |
| long | [**getNativeObjAddr**](http://docs.google.com/org/opencv/ml/ParamGrid.html#getNativeObjAddr())() |
| void | [**set\_logStep**](http://docs.google.com/org/opencv/ml/ParamGrid.html#set_logStep(double))(double logStep) |
| void | [**set\_maxVal**](http://docs.google.com/org/opencv/ml/ParamGrid.html#set_maxVal(double))(double maxVal) |
| void | [**set\_minVal**](http://docs.google.com/org/opencv/ml/ParamGrid.html#set_minVal(double))(double minVal) |

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Method Detail

#### \_\_fromPtr\_\_ public static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) \_\_fromPtr\_\_(long addr)

#### create public static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) create() Creates a ParamGrid Ptr that can be given to the %SVM::trainAuto methodReturns:automatically generated

#### create public static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) create(double minVal) Creates a ParamGrid Ptr that can be given to the %SVM::trainAuto methodParameters:minVal - minimum value of the parameter grid Returns:automatically generated

#### create public static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) create(double minVal, double maxVal) Creates a ParamGrid Ptr that can be given to the %SVM::trainAuto methodParameters:minVal - minimum value of the parameter gridmaxVal - maximum value of the parameter grid Returns:automatically generated

#### create public static [ParamGrid](http://docs.google.com/org/opencv/ml/ParamGrid.html) create(double minVal, double maxVal, double logstep) Creates a ParamGrid Ptr that can be given to the %SVM::trainAuto methodParameters:minVal - minimum value of the parameter gridmaxVal - maximum value of the parameter gridlogstep - Logarithmic step for iterating the statmodel parameter Returns:automatically generated

#### get\_logStep public double get\_logStep()

#### get\_maxVal public double get\_maxVal()

#### get\_minVal public double get\_minVal()

#### getNativeObjAddr public long getNativeObjAddr()

#### set\_logStep public void set\_logStep(double logStep)

#### set\_maxVal public void set\_maxVal(double maxVal)

#### set\_minVal public void set\_minVal(double minVal)

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