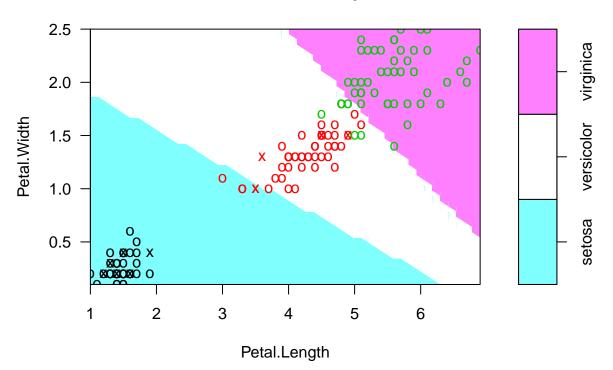
SVM Classification on the Iris Data

Load iris data and divide into train and test sets

```
set.seed(1958)
i <- sample(150, 100, replace=TRUE)
train <- iris[i,]
test <- iris[-i,]</pre>
```

Run a linear SVM

SVM classification plot



Evaluate on the test data

```
pred <- predict(svm1, newdata=test)
table(pred, test$Species)

##
## pred setosa versicolor virginica
## setosa 27 0 0
## versicolor 0 24 4</pre>
```

virginica 0 0 24

mean(pred==test\$Species)

[1] 0.9493671