## **Estimating Model Performance**



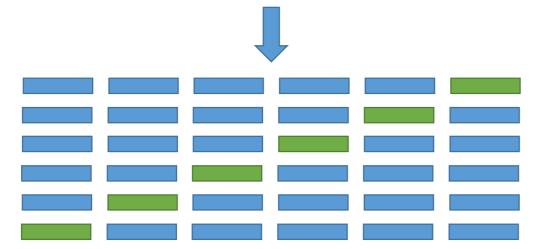
Outer cross validation, randomly select test and training data



20% 80%

Test Data

Training Data



Learning parameters, inner cross validation



20%

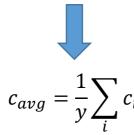
Determine model performance on test data



Average model performance in outer folds

 $\mathbf{c}_{1}$ 







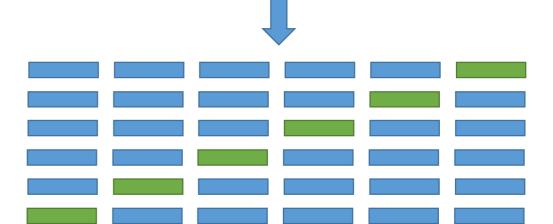
Determine regression coefficients for interpretation

Select the full data set



100%

Training Data



Learning parameters, inner cross validation



Report regression coefficients