

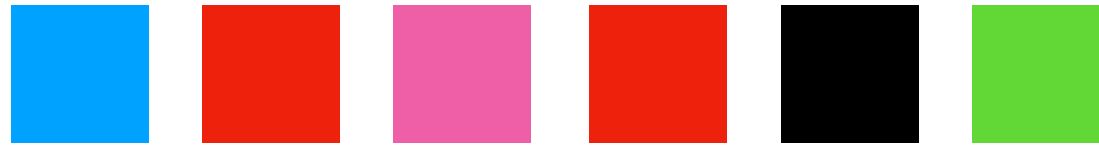
Bootstrap Aggregation and RandomForest

Bootstrapping



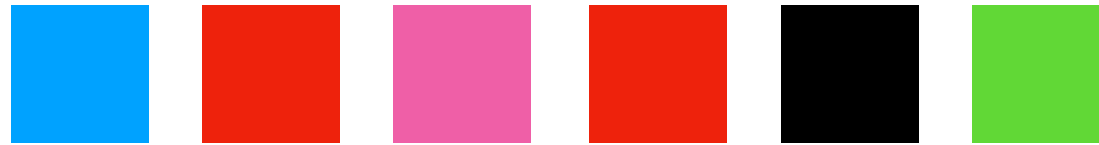


B1





B1

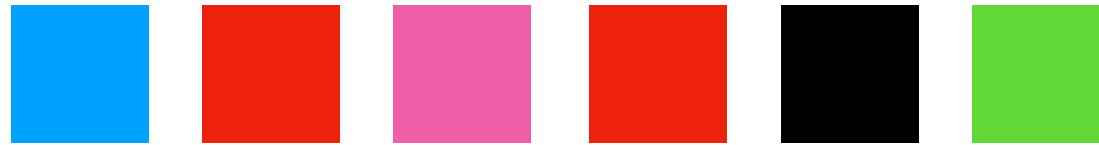


B2





B1



B2



B3





B1



B2



B3



B4



RandomForest

***“Train a Decision Tree for each
bootstrap sample B1 - B4”***

$$\hat{f} = \frac{1}{B} \sum_{b=1}^B f_b(x')$$

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- + hard to overfit

- -

Summary