

k-Nearest Neighbors

120 samples

3 predictor

3 classes: 'setosa', 'versicolor', 'virginica'

No pre-processing

Resampling: Bootstrapped (25 reps)

Summary of sample sizes: 120, 120, 120, 120, 120, 120, ...

Resampling results across tuning parameters:

| k | Accuracy | Kappa |
|-------|-----------|-----------|
| 5 | 0.8650582 | 0.7956975 |
| 7 | 0.8561286 | 0.7828639 |
| 9 | 0.8620067 | 0.7915562 |
| | | |
| 33 | 0.7444733 | 0.6203610 |

Accuracy was used to select the optimal model using the largest value.

The final value used for the model was $k = 5$.

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