

데이터 훈련 - 훈련

▶ Cross Validation

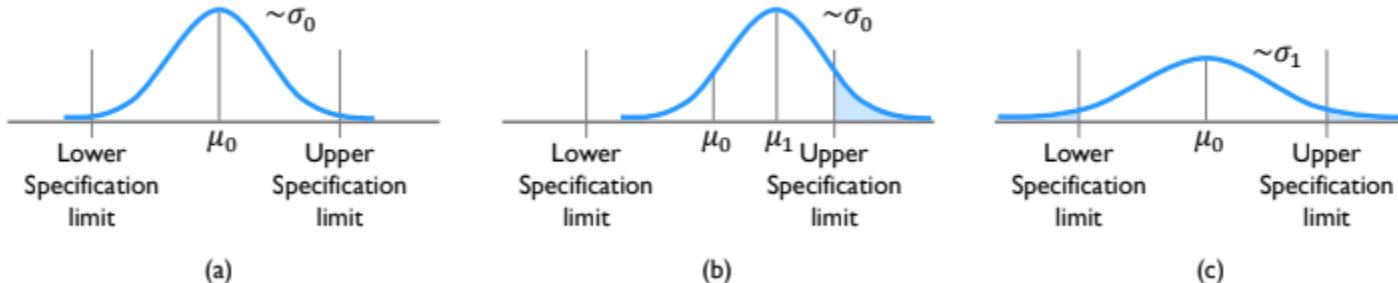
```
In [70]: def display_scores(scores):
    print("점수 :", scores)
    print("평균 :", scores.mean())
    print("표준편차 :", scores.std())
```

```
display_scores(tree_rmse_scores)
```

```
점수 : [62454.41054262 63025.77955203 63832.92408127 63777.66473357
65482.47275832 65252.96917991 60402.82013775 61480.54712836
64392.03096883 65620.55714711]
평균 : 63572.21762297725
표준편차 : 1655.9051509908227
```

```
In [71]: lin_scores = cross_val_score(lin_reg, housing_prepared, housing_labels, scoring='neg_mean_squared_error', cv=10)
lin_rmse_scores = np.sqrt(-lin_scores)
display_scores(lin_rmse_scores)
```

```
점수 : [56722.17148984 58053.7705809 57735.81527587 64063.65140457
58965.20314997 59435.21574818 54764.97078541 58147.54954935
60177.86191379 57146.94472927]
평균 : 58521.31546271383
표준편차 : 2338.912842506291
```



어떤 알고리즘이 더 좋을까요?