Regressão

1. Sem bmi:

Accuracy score for train set: 0.6175 +- 0.0365

Accuracy score for test set: 0.6220 +- 0.0574

Precision for positive cases: 77.49% +- 3.80%

Precision for negative cases: 47.11% +- 12.59%

1. Sem valores nulos de bmi:

Accuracy score for train set: 0.6929 +- 0.0342

Accuracy score for test set: 0.6848 +- 0.0248

Precision for positive cases: 66.05% +- 4.94%

Precision for negative cases: 70.51% +- 5.71%

1. Replace com média:

Accuracy score for train set: 0.6870 +- 0.0207

Accuracy score for test set: 0.6680 +- 0.0248

Precision for positive cases: 73.14% +- 3.39%

Precision for negative cases: 60.62% +- 6.00%

1. Replace com mediana:

Accuracy score for train set: 0.6800 +- 0.0061

Accuracy score for test set: 0.6700 +- 0.0316

Precision for positive cases: 73.94% +- 4.19%

Precision for negative cases: 60.24% +- 4.96%

Floresta

1. Sem bmi:

Accuracy score for train set: 1.0000 +- 0.0000

Accuracy score for test set: 0.7000 +- 0.0385

Precision for positive cases: 73.15% +- 2.75%

Precision for negative cases: 66.97% +- 6.70%

1. Sem valores nulos de bmi:

Accuracy score for train set: 1.0000 +- 0.0000

Accuracy score for test set: 0.7239 +- 0.0147

Precision for positive cases: 69.56% +- 7.40%

Precision for negative cases: 75.00% +- 4.78%

1. Replace com média:

Accuracy score for train set: 1.0000 +- 0.0000

Accuracy score for test set: 0.7260 +- 0.0361

Precision for positive cases: 75.86% +- 2.41%

Precision for negative cases: 69.40% +- 6.75%

1. Replace com mediana:

Accuracy score for train set: 1.0000 +- 0.0000

Accuracy score for test set: 0.7140 +- 0.0338

Precision for positive cases: 75.88% +- 4.33%

Precision for negative cases: 67.02% +- 6.98%