|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | MAE | | MSE | | RMSE | | Score | |
|  | Train | Test | Train | Test | Train | Test | Train | Test |
| 1 | 0.4404 | 0.9345 | 0.3784 | 1.3697 | 0.5898 | 1.1456 | 0.8042 | 0.2911 |
| 2 | 0.4904 | 0.7917 | 0.4128 | 0.9263 | 0.6393 | 0.9536 | 0.8012 | 0.5206 |
| 3 | 0.6722 | 0.8670 | 0.7584 | 1.0730 | 0.8665 | 1.0281 | 0.6347 | 0.4447 |
| 4 | 0.6880 | 0.7687 | 0.7189 | 0.8483 | 0.8479 | 0.9210 | 0.6537 | 0.5610 |
| 5 | 0.6174 | 0.7976 | 0.6654 | 0.8175 | 0.8157 | 0.9042 | 0.6795 | 0.5769 |

1: Hidden Layer = 3-3 ; activation = relu ; solver = lbfgs ; batch\_size = 2 ; max\_iter = 500

2: Hidden Layer = 3-3 ; activation = relu ; solver = adam ; batch\_size = 2 ; max\_iter = 500

3: Hidden Layer = 2 ; activation = tanh ; solver = adam ; batch\_size = auto ; max\_iter = 1000, alpha = 0.0001

4: Hidden Layer = 1 ; activation = tanh ; solver = adam ; batch\_size = auto ; max\_iter = 1000, alpha = 0.0001

5- Hidden Layer = 2 ; activation = relu ; solver = adam ; batch\_size = auto ; max\_iter = 1000, alpha = 0.01

MPL treino com Score = 0.8422 (Valor Máximo)

MPL teste com Score = 0.7401(Valor máximo)

MPL treino com Score = 0.9184 (Valor Máximo)

MPL teste com Score = 0.6778 (Valor máximo)

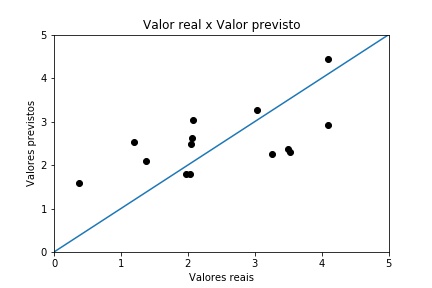


Grafico obtido para a configuração 5