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| --- | --- | --- | --- |
| Measurement performed: MSE | Ridge Regression | Regression Tree | Support Vector Regressor |
| C2k | 4.365 | 2.0495 | 4.768 |
| CVPUD | 0.0007 | 1.9381 | 5.982 |
| Parkinson’s | 0.004 | 2.047 | 0.258 |
| Skill Craft | 2.031 | 10.44 | 19.91 |

1. Results Summary

Regression Problem results

|  |  |  |  |
| --- | --- | --- | --- |
| Measurement performed: accuracy | LDA Classification | Decision Tree Classification | Random Forest for Classification |
| Abalone | 0.2530 | 0.2044 | 0.3386 |
| Messidor | Logistic Reg: 0.7657 | 0.6289 | 0.7026 |
| MEU | 0.7411 | 0.6634 | 0.669 |
| Yeast | 0.5488 | 0.4693 | 0.6163 |

Complete table of all the training, validation, and test results

A picture containing table

Description automatically generated

Classification Problem results

1. Results Comparison

The complete report of the comparison can be found at: <https://giusseppe-97.github.io/statistical_learning/>

It is easier to follow the instructions from the getting started page, but you can also click directly in the results folder on the repository on the following link:

<https://github.com/Giusseppe-97/statistical_learning>

1. Parameter Analysis

The complete report of the comparison can be found at: <https://giusseppe-97.github.io/statistical_learning/>

It is easier to follow the instructions from the getting started page, but you can also click directly in the code folder on the repository on the following link:

<https://github.com/Giusseppe-97/statistical_learning>