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| --- | --- | --- | --- | --- |
| K-fold | SVR | kernel | MSE | Squared Correlation Coefficient |
| 2 | Epsilon-SVR | Linear | 30,2857 | 0,773059 |
| 2 | Epsilon-SVR | polinomial | 5,98E+18 | 0,00215374 |
| 2 | Epsilon-SVR | radial basis function | 31,0504 | 0,801445 |
| 2 | Epsilon-SVR | sigmoid | 133,942 | 0,000575827 |
| 3 | Epsilon-SVR | Linear | 28,7149 | 0,787416 |
| 3 | Epsilon-SVR | polinomial | 1,52E+19 | 0,00450218 |
| 3 | Epsilon-SVR | radial basis function | 25,0447 | 0,835429 |
| 3 | Epsilon-SVR | sigmoid | 133,597 | 0,000462177 |
| 4 | Epsilon-SVR | Linear | 29,784 | 0,777541 |
| 4 | Epsilon-SVR | polinomial | 3,52E+19 | 0,0259293 |
| 4 | Epsilon-SVR | radial basis function | 22,7278 | 0,849141 |
| 4 | Epsilon-SVR | sigmoid | 133,632 | 0,000575827 |
| 5 | Epsilon-SVR | Linear | 31,6184 | 0,763369 |
| 5 | Epsilon-SVR | polinomial | 3,44E+19 | 0,0495892 |
| 5 | Epsilon-SVR | radial basis function | 21,5392 | 0,856398 |
| 5 | Epsilon-SVR | sigmoid | 133,571 | 0,000317403 |

Dari hasil yang diperoleh nilai mean squared error paling kecil adalah 21,5392 dengan type-svm (Epsilon-SVR) dan kernel (radial basis function).

|  |  |  |
| --- | --- | --- |
| K-fold | kernel | Squared Correlation Coefficient |
| 2 | Linear | 100% |
| 2 | polinomial | 100% |
| 2 | radial basis function | 97,63% |
| 2 | sigmoid | 25% |
| 3 | Linear | 100% |
| 3 | polinomial | 100% |
| 3 | radial basis function | 97,93% |
| 3 | sigmoid | 25% |
| 4 | Linear | 100% |
| 4 | polinomial | 100% |
| 4 | radial basis function | 98,10% |
| 4 | sigmoid | 25% |
| 5 | Linear | 100% |
| 5 | polinomial | 100% |
| 5 | radial basis function | 98,10% |
| 5 | sigmoid | 25% |

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| k-fold 2 |
| svm-train.exe -s 0 -t 0 -v 2 datasetSVC  C-SVC, Kernel (Linear) |
| svm-train.exe -s 1 -t 0 -v 2 datasetSVC  nu-SVC, Kernel (Linear) |
| svm-train.exe -s 0 -t 1 -v 2 datasetSVC  C-SVC, Kernel (polinomial) |
| svm-train.exe -s 1 -t 1 -v 2 datasetSVC  nu-SVC, Kernel (polinomial) |
| svm-train.exe -s 0 -t 2 -v 2 datasetSVC  C-SVC, Kernel (radial basis function) |
| svm-train.exe -s 1 -t 2 -v 2 datasetSVC  nu-SVC, Kernel (radial basis function) |
| svm-train.exe -s 0 -t 3 -v 2 datasetSVC  C-SVC, Kernel (sigmoid) |

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| k-fold 3 |
| svm-train.exe -s 0 -t 0 -v 3 datasetSVC  C-SVC, Kernel (Linear) |
| svm-train.exe -s 1 -t 0 -v 3 datasetSVC  nu-SVC, Kernel (Linear) |
| svm-train.exe -s 0 -t 1 -v 3 datasetSVC  C-SVC, Kernel (polinomial) |
| svm-train.exe -s 1 -t 1 -v 3 datasetSVC  nu-SVC, Kernel (polinomial) |
| svm-train.exe -s 0 -t 2 -v 3 datasetSVC  C-SVC, Kernel (radial basis function) |
| svm-train.exe -s 1 -t 2 -v 3 datasetSVC  nu-SVC, Kernel (radial basis function) |
| svm-train.exe -s 0 -t 3 -v 3 datasetSVC  C-SVC, Kernel (sigmoid) |
| svm-train.exe -s 1 -t 3 -v 3 datasetSVC  nu-SVC, Kernel (sigmoid) |

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| k-fold 4 |
| svm-train.exe -s 0 -t 0 -v 4 datasetSVC  C-SVC, Kernel (Linear) |
| svm-train.exe -s 1 -t 0 -v 4 datasetSVC  nu-SVC, Kernel (Linear) |
| svm-train.exe -s 0 -t 1 -v 4 datasetSVC  C-SVC, Kernel (polinomial) |
| svm-train.exe -s 1 -t 1 -v 4 datasetSVC  nu-SVC, Kernel (polinomial) |
| svm-train.exe -s 0 -t 2 -v 4 datasetSVC  C-SVC, Kernel (radial basis function) |
| svm-train.exe -s 1 -t 2 -v 4 datasetSVC  nu-SVC, Kernel (radial basis function) |
| svm-train.exe -s 0 -t 3 -v 4 datasetSVC  C-SVC, Kernel (sigmoid) |
| svm-train.exe -s 1 -t 3 -v 4 datasetSVC  nu-SVC, Kernel (sigmoid) |

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| k-fold 5 |
| svm-train.exe -s 0 -t 0 -v 5 datasetSVC  C-SVC, Kernel (Linear) |
| svm-train.exe -s 1 -t 0 -v 5 datasetSVC  nu-SVC, Kernel (Linear) |
| svm-train.exe -s 0 -t 1 -v 5 datasetSVC  C-SVC, Kernel (polinomial) |
| svm-train.exe -s 1 -t 1 -v 5 datasetSVC  nu-SVC, Kernel (polinomial) |
| svm-train.exe -s 0 -t 2 -v 5 datasetSVC  C-SVC, Kernel (radial basis function) |
| svm-train.exe -s 1 -t 2 -v 5 datasetSVC  nu-SVC, Kernel (radial basis function) |
| svm-train.exe -s 0 -t 3 -v 5 datasetSVC  C-SVC, Kernel (sigmoid) |
| svm-train.exe -s 1 -t 3 -v 5 datasetSVC  nu-SVC, Kernel (sigmoid) |

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|  | | Prediksi | | | | | 0 = aquades  1 = Chlorella  2 = Skeletonema  3 = Thalasiosira  4 = Mix Chlorella & Thalasiosira |
| 0 | 1 | 2 | 3 | 4 |
| aktual | 0 | 4 | 0 | 0 | 0 | 0 |
| 1 | 0 | 4 | 0 | 0 | 0 |
| 2 | 0 | 0 | 4 | 0 | 0 |
| 3 | 0 | 0 | 0 | 4 | 0 |
| 4 | 0 | 0 | 0 | 0 | 4 |