|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Criterion** | **Max\_Features** | **N\_estimators** | **R2 Value** |
| 1 | Squared\_error - Default | Default | 10 | 0.83 |
| 2 | Squared\_error - Default | Default | 50 | 0.84 |
| 3 | Squared\_error - Default | Default | 100 | 0.85 |
| 4 | Squared\_error | auto | 10 | 0.83 |
| 5 | Squared\_error | auto | 50 | 0.84 |
| 6 | Squared\_error | auto | 100 | 0.85 |
| 7 | Squared\_error | sqrt | 10 | 0.85 |
| 8 | Squared\_error | sqrt | 50 | 0.86 |
| 9 | Squared\_error | sqrt | 100 | 0.87 |
| 10 | Squared\_error | Log2 | 10 | 0.85 |
| 11 | Squared\_error | Log2 | 50 | 0.86 |
| 12 | Squared\_error | Log2 | 100 | 0.87 |
| 13 | Absolute error | Default | 10 | 0.83 |
| 14 | Absolute error | Default | 50 | 0.85 |
| 15 | Absolute error | Default | 100 | 0.85 |
| 16 | Absolute error | auto | 10 | 0.83 |
| 17 | Absolute error | auto | 50 | 0.85 |
| 18 | Absolute error | auto | 100 | 0.85 |
| 19 | Absolute error | sqrt | 10 | 0.85 |
| 20 | Absolute error | sqrt | 50 | 0.85 |
| 21 | Absolute error | sqrt | 100 | 0.87 |
| 22 | Absolute error | Log2 | 10 | 0.85 |
| 23 | Absolute error | Log2 | 50 | 0.87 |
| 24 | Absolute error | Log2 | 100 | 0.87 |
| 25 | friedman\_mse | Default | 10 | 0.83 |
| 26 | friedman\_mse | Default | 50 | 0.84 |
| 27 | friedman\_mse | Default | 100 | 0.85 |
| 28 | friedman\_mse | auto | 10 | 0.83 |
| 29 | friedman\_mse | auto | 50 | 0.84 |
| 30 | friedman\_mse | auto | 100 | 0.85 |
| 31 | friedman\_mse | sqrt | 10 | 0.85 |
| 32 | friedman\_mse | sqrt | 50 | 0.87 |
| 33 | friedman\_mse | sqrt | 100 | 0.87 |
| 34 | friedman\_mse | Log2 | 10 | 0.85 |
| 35 | friedman\_mse | Log2 | 50 | 0.87 |
| 36 | friedman\_mse | Log2 | 100 | 0.87 |
| 37 | poisson | Default | 10 | 0.81 |
| 38 | poisson | Default | 50 | 0.82 |
| 39 | poisson | Default | 100 | 0.82 |
| 40 | poisson | auto | 10 | 0.81 |
| 41 | poisson | auto | 50 | 0.82 |
| 42 | poisson | auto | 100 | 0.83 |
| 43 | poisson | sqrt | 10 | 0.79 |
| 44 | poisson | sqrt | 50 | 0.82 |
| 45 | poisson | sqrt | 100 | 0.82 |
| 46 | poisson | Log2 | 10 | 0.79 |
| 47 | poisson | Log2 | 50 | 0.82 |
| 48 | poisson | Log2 | 100 | 0.82 |