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| --- | --- | --- | --- | --- |
| **S.No** | **Criterion** | **Max\_Features** | **Splitter** | **R2 Value** |
| 1. | Squared\_error - [Default] | None -Default | Best - [Default] | 0.91 |
| 2. | Squared\_error | auto | Best | 0.92 |
| 3. | Squared\_error | auto | Random | 0.80 |
| 4. | Squared\_error | sqrt | Best | 0.84 |
| 5. | Squared\_error | sqrt | Random | 0.62 |
| 6. | Squared\_error | Log2 | Best | 0.72 |
| 7. | Squared\_error | Log2 | Random | 0.31 |
| 8. | absolute\_error | None -Default | Best - [Default] | 0.94 |
| 9. | absolute\_error | auto | Best | 0.92 |
| 10. | absolute\_error | auto | Random | 0.91 |
| 11. | absolute\_error | sqrt | Best | 0.29 |
| 12. | absolute\_error | sqrt | Random | 0.74 |
| 13. | absolute\_error | Log2 | Best | 0.38 |
| 14. | absolute\_error | Log2 | Random | 0.63 |
| 15. | friedman\_mse | None -Default | Best - [Default] | 0.92 |
| 16. | friedman\_mse | auto | Best | 0.93 |
| 17. | friedman\_mse | auto | Random | 0.83 |
| 18. | friedman\_mse | sqrt | Best | 0.78 |
| 19. | friedman\_mse | sqrt | Random | -0.26 |
| 20. | friedman\_mse | Log2 | Best | -0.23 |
| 21. | friedman\_mse | Log2 | Random | -0.99 |
| 22. | poisson | None -Default | Best - [Default] | 0.72 |
| 23. | poisson | auto | Best | 0.74 |
| 24. | poisson | auto | Random | 0.36 |
| 25. | poisson | sqrt | Best | 0.24 |
| 26. | poisson | sqrt | Random | 0.65 |
| 27. | poisson | Log2 | Best | 0.52 |
| 28. | poisson | Log2 | Random | 0.16 |