Support Vector Machine R-square default value with C = 0.1 is -0.019761487769946795

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| --- | --- | --- | --- |
| S. No. | Kernel | C | R-square Value |
| 1 | rbf | 1 | -0.01965337833642833 |
| 2 | rbf | 100 | -0.009364909092804297 |
| 3 | rbf | 1000 | 0.06707569875923425 |
| 4 | poly | 1 | -0.019149835355294798 |
| 5 | poly | 100 | 0.03790719343785909 |
| 6 | poly | 1000 | 0.42979860216196086 |
| 7 | sigmoid | 1 | -0.019380812400936254 |
| 8 | sigmoid | 100 | 0.014082351620280265 |
| 9 | sigmoid | 1000 | 0.2674555916309973 |