R score in different Machine Learning Regression Algorithms

Simple Linear Regression - 0.974099340713511

Multiple Linear Regression - 0.935868097004641

Support Vector Machine

S.No.	Penalty (C)	Kernel			
		Linear	**rbf**	**Poly**	**Sigmoid**
1	100	0.106468	-0.050726	-0.019802	-0.030453
2	1000	0.780283	0.00676	0.266163	0.185068
3	3000	0.895674	0.123227	0.637006	0.591363
4	5000	0.900376	0.212428	0.793655	0.730656

Decision tree

S.No.	Criterion	Splitter	R score
1	squared_error	best	0.90603040199889
	squared_error	random	0.91390394441294
2	friedman_mse	best	0.92385034201537
	friedman_mse	random	0.75581666431065
3	absolute_error	best	0.96802505803757
	absolute_error	random	0.85073932167879
4	poisson	best	0.93167683639135
	poisson	random	0.93572951684023

SLR is better algorithm for this dataset.