

Best Subsets Regression: 3P_1 versus 2P_1, FT%, DRB, TRB, AST, STL

Response is 3P_1

						2					
						P	F	D	T	A	S
						—	T	R	R	S	T
Vars	R-Sq	R-Sq (adj)	R-Sq (pred)	Mallows Cp	S	1	%	B	B	T	L
1	52.4	50.7	44.6	7.3	0.012689					X	
1	40.7	38.6	31.9	15.7	0.014163	X					
2	61.5	58.8	52.9	2.7	0.011604	X				X	
2	55.3	52.2	45.3	7.1	0.012503		X			X	
3	65.9	62.1	55.7	1.6	0.011134	X				X	X
3	63.6	59.6	54.3	3.2	0.011489	X	X			X	
4	66.3	61.1	55.2	3.3	0.011279	X	X			X	X
4	66.2	61.0	53.6	3.3	0.011285	X		X		X	X
5	66.5	59.9	52.8	5.1	0.011453	X	X	X		X	X
5	66.3	59.6	53.1	5.2	0.011487	X	X		X	X	X
6	66.6	58.3	49.2	7.0	0.011672	X	X	X	X	X	X

Regression Analysis: 3P_1 versus 2P_1, AST, STL

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
Regression	3	0.006456	0.002152	17.36	0.000
2P_1	1	0.001067	0.001067	8.61	0.007
AST	1	0.002433	0.002433	19.63	0.000
STL	1	0.000423	0.000423	3.41	0.076
Error	27	0.003347	0.000124		
Total	30	0.009803			

Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
0.0111344	65.86%	62.06%	55.71%

Coefficients

Term	Coef	SE Coef	T-Value	P-Value	VIF
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Constant	0.0609	0.0538	1.13	0.267	
2P_1	0.384	0.131	2.93	0.007	1.41
AST	0.000074	0.000017	4.43	0.000	1.52
STL	-0.000051	0.000028	-1.85	0.076	1.23

Regression Equation

$$3P_1 = 0.0609 + 0.384 \ 2P_1 + 0.000074 \ AST - 0.000051 \ STL$$