>> LS Regression

RMSE for Multi Variate Regression: 1.556891, Goodness of fit for Multi Variate \checkmark Regression: 98.780781%, RMSE for Least Squares Regression: 1.556891, Goodness of fit for \checkmark Least Squares Regression: 98.780781%, Goodness of fit for Bayesian Least Squares \checkmark Regression: 101.989067%, RMSE for Bayesian Least Squares Regression: 1.390852, A =

1.4822e-11

B =

1.4979

		Mean	Std	CI	95	Positive 🗸	•	
Distributi								./
								Z
Intercept	-	0	70.7107	[-141.273,	141.273]	0.500	t (0.00,	57.74^2, 🗸
6)		0	0.006105		446540 0003	0 500		100554 10 /
s-EMG1 ^2, 6)	ı	O	2.2361e+05	[-446742.939,	446/42.939]	0.500	t (0.00,	182574.19 ∠
s-EMG2	ı	0	2.2361e+05	[-446742.939,	446742.939]	0.500	t (0.00,	182574.19 ∠
^2, 6)								
		0	2.2361e+05	[-446742.939,	446742.939]	0.500	t (0.00,	182574.19 ∠
^2, 6) s-EMG4	1	0	2 2361e+05	[-446742.939,	446742 9391	0 500	+ (0 00.	182574.19 ✓
^2, 6)	'	Ü	2.23010.00	[110,12.303,	110,12.333	0.000	c (0.00)	102071:13
s-EMG5	-	0	2.2361e+05	[-446742.939,	446742.939]	0.500	t (0.00,	182574.19 🗹
^2, 6)		0	2 2261-105	. 446742 020	446742 0201	0 500	± /0 00	100574 101
s-EMG6 ^2, 6)	I	0	2.2361e+U5	[-446742.939,	446/42.939]	0.500	t (0.00,	182574.19 ∠
s-EMG7	I	0	2.2361e+05	[-446742.939,	446742.939]	0.500	t (0.00,	182574.19 🗹
^2, 6)								
s-EMG8 ^2, 6)	I	0	2.2361e+05	[-446742.939,	446742.939]	0.500	t (0.00,	182574.19 ∠
	ı	0	2.2361e+05	[-446742.939,	446742.9391	0.500	t (0.00,	182574.19 ∠
^2, 6)							- (,	
	-	0	2.2361e+05	[-446742.939,	446742.939]	0.500	t (0.00,	182574.19 🗹
^2, 6)		0 5000	0 5000	r 0 120	1 6161	1 000	TC/2 00	1 \
sigmaz	I	0.5000	0.5000	[0.138,	T.0T0]	1.000	IG(3.00,	Τ)

Method: Analytic posterior distributions

Number of observations: 1350 Number of predictors: 11

Log marginal likelihood: -2361.96

| Mean Std CI95 Positive \checkmark

Distribution

	-2.6966	0.3847	[-3.451,	-1.942]	0.000	t 🗹
(-2.70, 0.38^2	,1.4e+03)					
s-EMG1	-4474.8901	7195.0966	[-18579.206,	9629.426]	0.267	t 🗹
(-4474.89, 718	9.79 ² ,1.4e+03)					
s-EMG2 -	25703.7738	7482.8551	[-40372.173,	-11035.374]	0.000	t 🗸
(-25703.77, 74	77.33 ² ,1.4e+03)				
s-EMG3	72982.7653	4026.7466	[65089.264,	80876.267]	1.000	t 🖍
72982.77, 402	3.78 ² ,1.4e+03)					
s-EMG4	35355.9874	2157.2253	[31127.248,	39584.727]	1.000	t 🖍
(35355.99, 215	5.63 ² ,1.4e+03)					
s-EMG5	99616.8720	3401.9710	[92948.098,	106285.646]	1.000	t 🗹
99616.87, 339	9.46 ² ,1.4e+03)					
s-EMG6	-5.6543e+05	35954.4796	[-635906.821,	-494946.006]	0.000	t 🖍
-565426.41, 3	5927.95 ² ,1.4e+	03)				
s-EMG7	2.6353e+05	27706.9244	[209213.009,	317838.990]	1.000	t 🖍
263526.00, 27	686.48 ² ,1.4e+0	3)				
s-EMG8	19657.8719	5801.4575	[8285.462,	31030.282]	1.000	t 🖍
19657.87, 579	7.18 ² ,1.4e+03)					
s-EMG11	4.9405e+05	1.3622e+05	[227021.671,	761086.362]	1.000	t 🗹
494054.02, 13	6121.89 ² ,1.4e+	03)				
s-EMG12	76242.4050	10449.0938	[55759.383,	96725.427]	1.000	t 🗹
76242.41, 104	41.39 ² ,1.4e+03)				
		0.0685	[1.653,	1.921]	1.000	IG⋭
) istribution	Mean	Std	CI95		Positive 🗸	
	-2.6966	- 0.3847	[-3.451,	-1.942]	0.000	t 🗹
-2.70, 0.38^2	,1.4e+03)					
s-EMG1	-4474.8901	7195.0966	[-18579.206,	9629.426]	0.267	t 🗹
	9.79 ² ,1.4e+03)					
	25703.7738		[-40372.173,	-11035.374]	0.000	t 🗸
-25703.77, 74	77.33 ² ,1.4e+03)				
	72982.7653		[65089.264,	80876.2671	1.000	t 🗹
	3.78 ² ,1.4e+03)		,	•		
	35355.9874		[31127.248,	39584.727]	1.000	t 🗸
	5.63 ² ,1.4e+03)		,			
		3401.9710	[92948.098.	106285.6461	1.000	t 🗸
	9.46 ² ,1.4e+03)		[32310.030,	100200.010,	1.000	
	-5.6543e+05		[-635906.821,	-494946.0061	0.000	t 🗸
	5927.95^2,1.4e+		[000000.021/	13 13 10 . 000]	3.000	Ü
		27706.9244	[209213 009	317838 9901	1.000	t 🗸
~	_ • 0 0 0 0 0 0 0			·	± • 0 0 0	_ <u> </u>
			[209213:009]	•		
263526.00, 27	686.48 ² ,1.4e+0	3)			1 000	+ 🗸
263526.00, 27 s-EMG8	686.48 ² ,1.4e+0	3) 5801.4575			1.000	t 🗹
263526.00, 27 s-EMG8 19657.87, 579	686.48 ² ,1.4e+0 19657.8719 7.18 ² ,1.4e+03)	3) 5801.4575	[8285.462,	31030.282]		

```
(494054.02, 136121.89<sup>2</sup>,1.4e+03)
 s-EMG12 | 76242.4050
                             10449.0938
                                           [55759.383, 96725.427]
                                                                            1.000 t∠
(76242.41, 10441.39<sup>2</sup>,1.4e+03)
Sigma2
        1.7819
                                  0.0685
                                                    [ 1.653, 1.921]
                                                                             1.000 IG ∠
(678.00, 0.00083)
Warning: Error occurred while executing the listener callback for eventoldsymbolarksim
PlotSelectionChange defined for class
matlab.graphics.internal.PlotManager:
Execution of script java as a function is not supported:
C:\Program Files\MATLAB\R2021a\toolbox\matlab\general\java.m
Error in javaGetHandles (line 11)
     cellArray(i) = java (handle (objArray(i)));
Error in javaAddLsnrsToFigure>selectionLsnr (line 79)
objs = javaGetHandles (tmp);
Error in javaAddLsnrsToFigure>@(o,e)selectionLsnr(o,e,javaSelectionManager) (line 16)
         @(o, e)selectionLsnr(o, e, javaSelectionManager));
Error in selectobject (line 167)
   notify(pm, 'PlotSelectionChange', evdata);
Error in plotSelectMode
Error in hgfeval (line 62)
        feval(fcn{1}, varargin{:}, fcn{2:end});
Error in matlab.uitools.internal.uimode/modeWindowButtonDownFcn (line 126)
hgfeval (newButtonDownFcn, hFig, evd);
Error in matlab.uitools.internal.uimode/modeControl>localModeWindowButtonDownFcn (line 2
134)
   hThis.modeWindowButtonDownFcn(hFig,evd,hThis,newValue);
> In selectobject (line 167)
In plotSelectMode
In hgfeval (line 62)
In matlab.uitools.internal.uimode/modeWindowButtonDownFcn (line 126)
In matlab.uitools.internal.uimode/modeControl>localModeWindowButtonDownFcn (line 134)
In getfigurefordesktopclient>fig2client (line 21)
In getfigurefordesktopclient (line 13)
In matlab.graphics.internal. ✓
propertyinspector/PropertyInspectorManager/showPropertyInspectorIfNeeded (line 121)
>>
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