Generalized Regression for nps_response_value+1

Model Comparison

Show	Response Distribution	Estimation Method	Validation Method	Nonzero Parameters	AICc	BIC	Generalized RSquare
☑	Normal	Adaptive Elastic Net	Holdback	3	5976.0029	5991.5567	0.013205
☐	Normal	Adaptive Lasso	Holdback	3	5976.0029	5991.5567	0.013205
☐	Normal	Lasso	Holdback	3	5976.0029	5991.5567	0.013205
☐	Exponential	Adaptive Elastic Net	Holdback	2	8721.2725	8731.6448	0.0007435
☐	Exponential	Lasso	Holdback	2	8721.2725	8731.6448	0.0007435
☐	Exponential	Adaptive Lasso	Holdback	2	8721.2725	8731.6448	0.0007435

Model Launch

Response Distribution

Exponential

Estimation Method

Lasso

☑ Adaptive
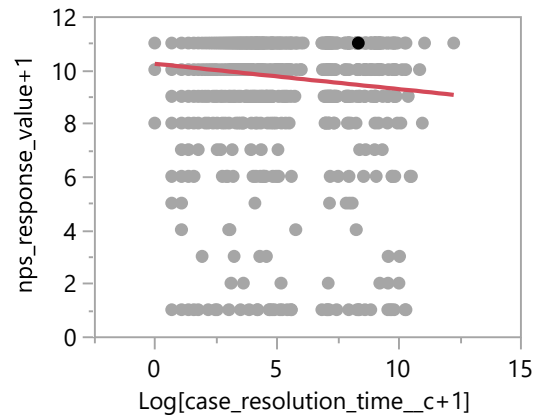
Validation Method

Holdback
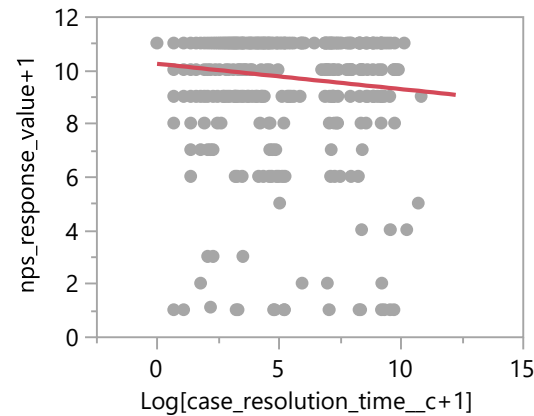
Holdback Proportion   0.3

☑ Early Stopping

Go

Normal Adaptive Elastic Net with Holdback Validation

Regression Plot

Validation Generalized RSquare
0.0324142
0.0324142
0.0324142
0.0018156
0.0018156
0.0018156

Generalized Regression for nps_response_value+1

Normal Adaptive Elastic Net with Holdback Validation
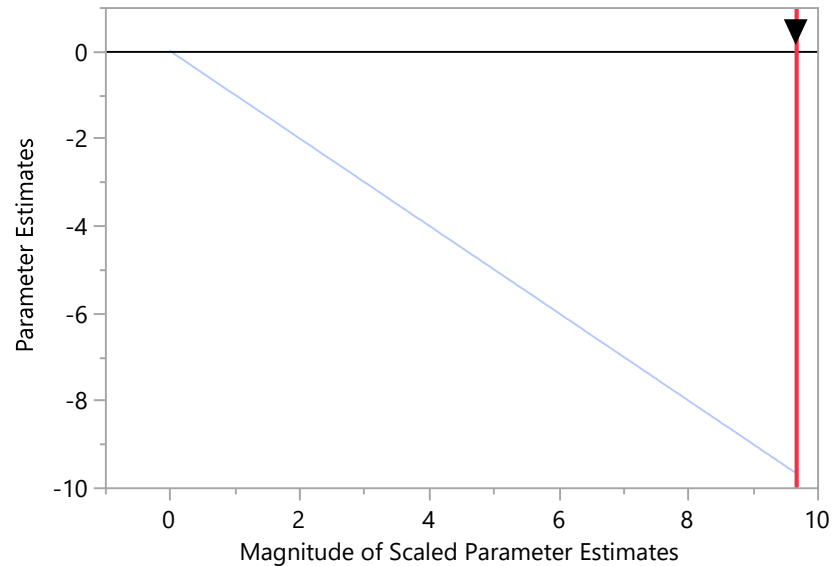
Model Summary

Response	nps_response_value+1
Distribution	Normal
Estimation Method	Adaptive Elastic Net
Validation Method	Holdback with Early Stopping
Mean Model Link	Identity
Scale Model Link	Identity

Measure	Training	Validation
Number of rows	1327	570
Sum of Frequencies	1327	570
-LogLikelihood	2984.9924	1274.3449
Number of Parameters	3	3
BIC	5991.5567	2567.7267
AICc	5976.0029	2554.7322
RSquare	0.013205	0.0324142
RASE	2.2944439	2.2627074
Lambda Penalty	0	.

Estimation Details

Elastic Net Alpha	0.99
Number of Grid Points	150
Minimum Penalty Fraction	0
Grid Scale	Square Root

Solution Path

Parameter Estimates for Original Predictors

Term	Estimate	Std Error	Wald ChiSquare	Prob > ChiSquare	Lower 95%	Upper 95%
Intercept	10.221063	0.1110927	8464.8843	<.0001*	10.003325	10.438801
Log[case_resolution_time__c+1]	-0.094867	0.0248855	14.532305	0.0001*	-0.143641	-0.046092

Normal Distribution Parameters	Estimate	Std Error	Wald ChiSquare	Prob > ChiSquare	Lower 95%	Upper 95%
Scale	2.2944439	0.09334	604.2536	<.0001*	2.1115009	2.477387