



General Report

"Model Comparison" Results

by: merve.pakcan@stud.acs.upb.ro

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Model Comparison

Champion	Name	Algorithm Name	KS (Youden)
true	Logistic Regression	Logistic Regression	0.5254

Accuracy	Average Squared Error	Area Under ROC	Cumulative Lift
0.7977	0.1378	0.8402	2.8342

Cumulative Captured Response Percentage	Cutoff	Data Role	Depth
28.3422	0.5000	VALIDATE	10

F1 Score	False Discovery Rate	False Positive Rate	Gain
0.5991	0.3671	0.1194	1.8342

Gini Coefficient	ROC Separation	Lift	Misclassification Rate
0.6804	0.4493	2.6025	0.2023

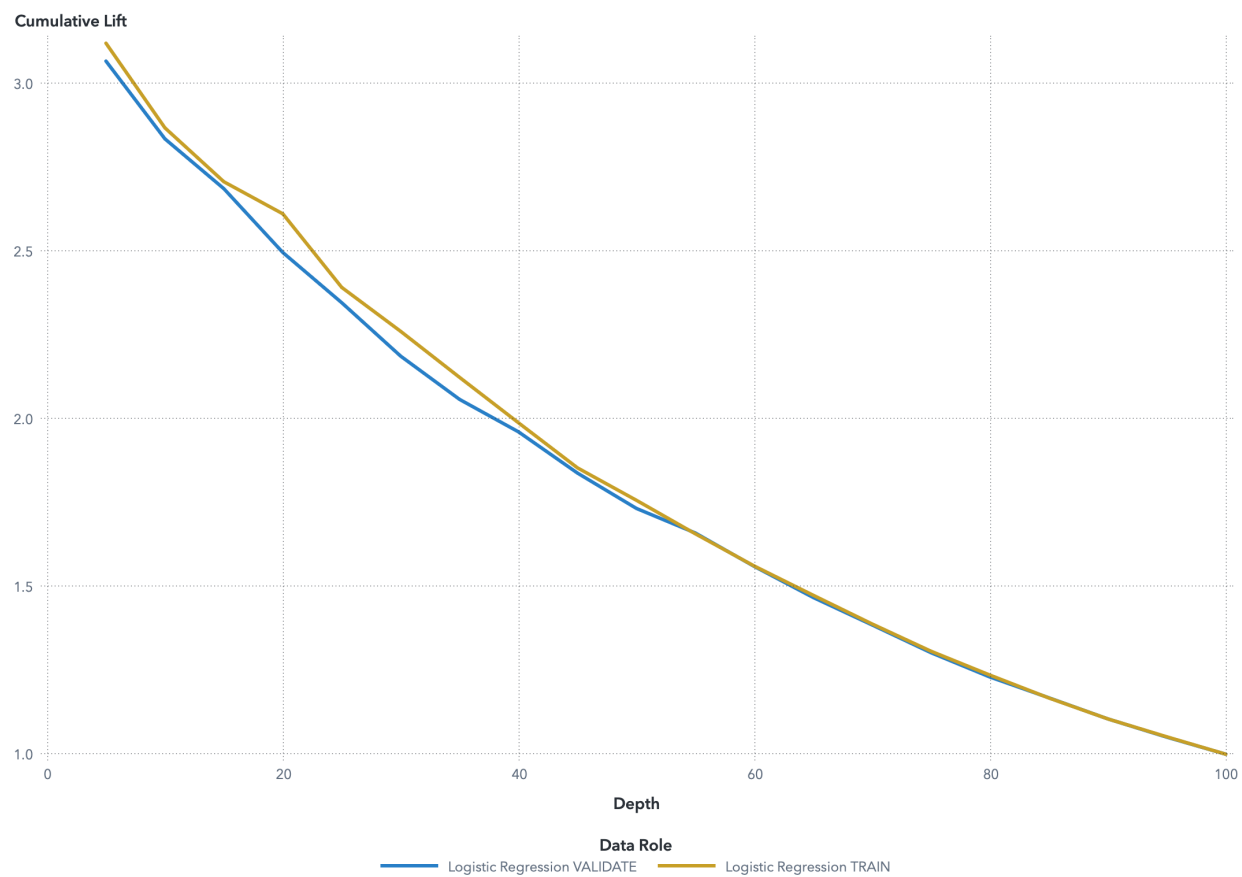
Multi-Class Log Loss	Misclassification at Cutoff	Misclassification Rate (Event)	Number of Observations
0.4237	0.2023	0.2023	2,111

Root Average Squared Error	Captured Response Percentage
0.3712	13.0125

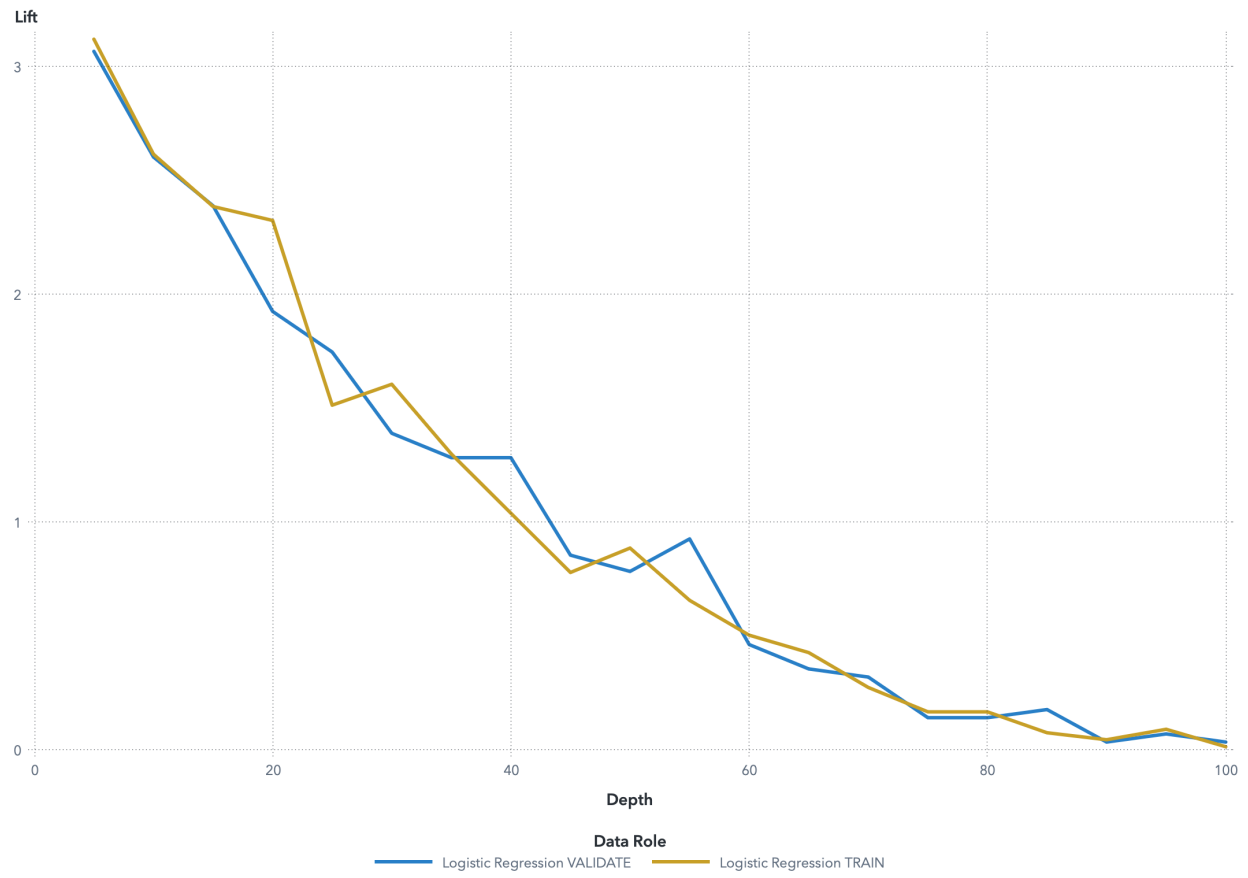
Properties

Property Name	Property Value
selectionCriteriaClass	Kolmogorov-Smirnov statistic (KS)
selectionCriteriaInterval	Average squared error
selectionTable	Validate
selectionDepth	10
cutoff	0.50

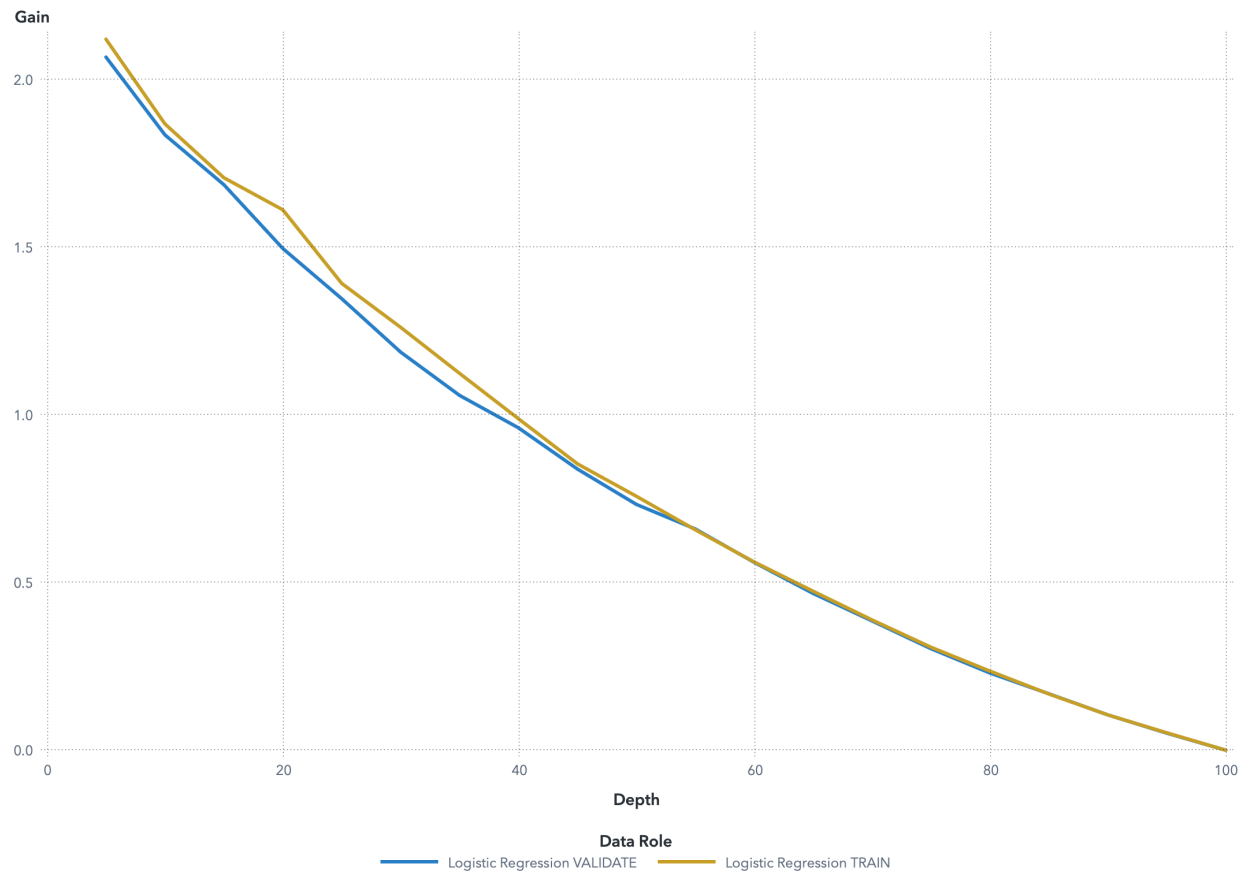
Cumulative Lift



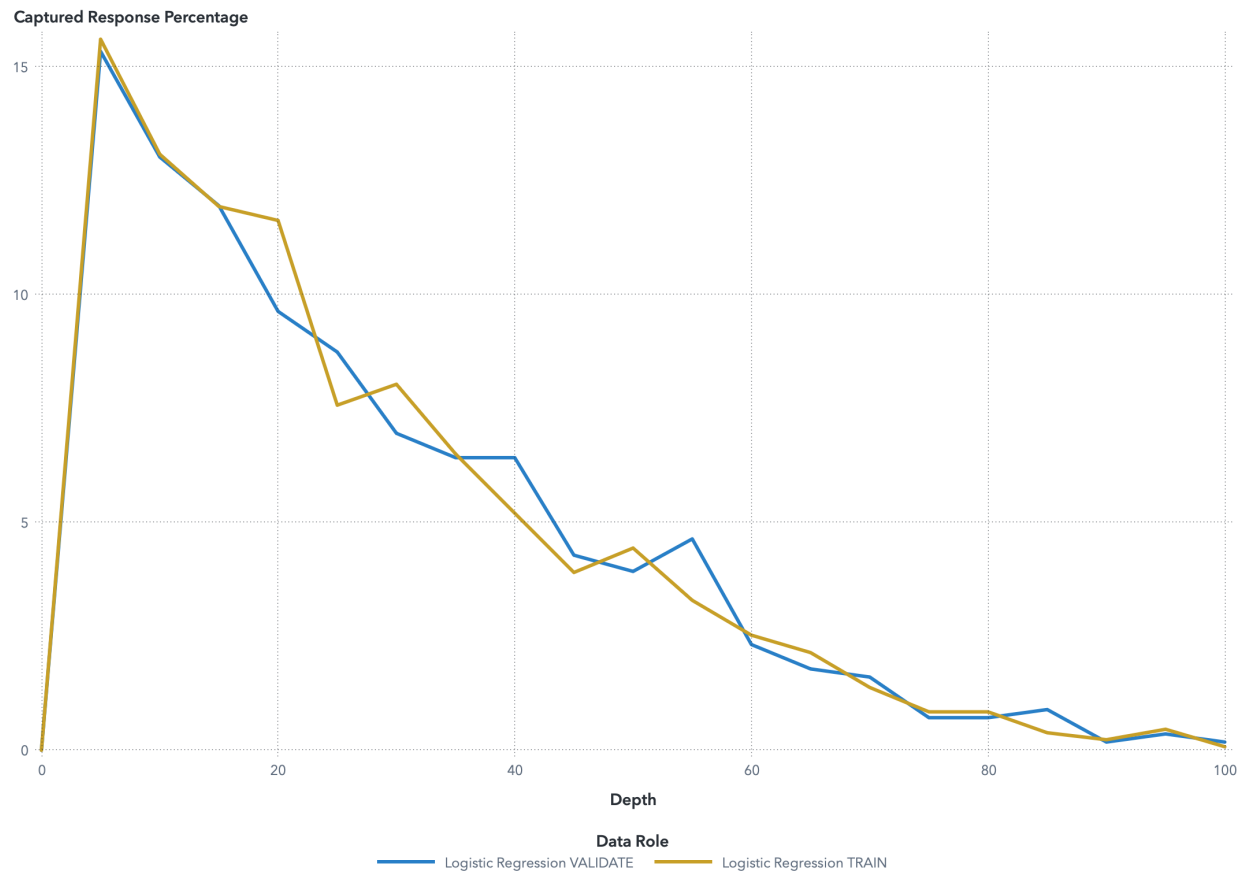
Lift



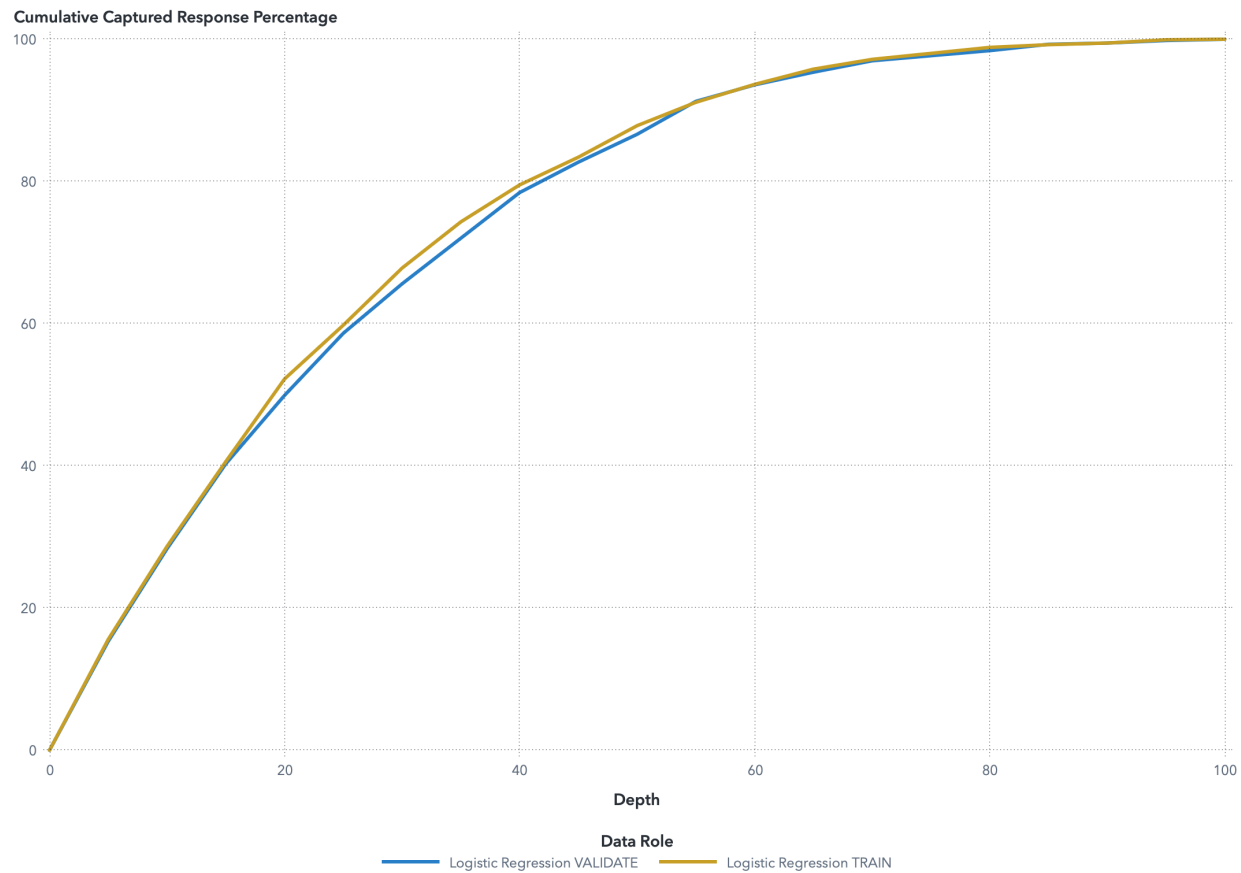
Gain



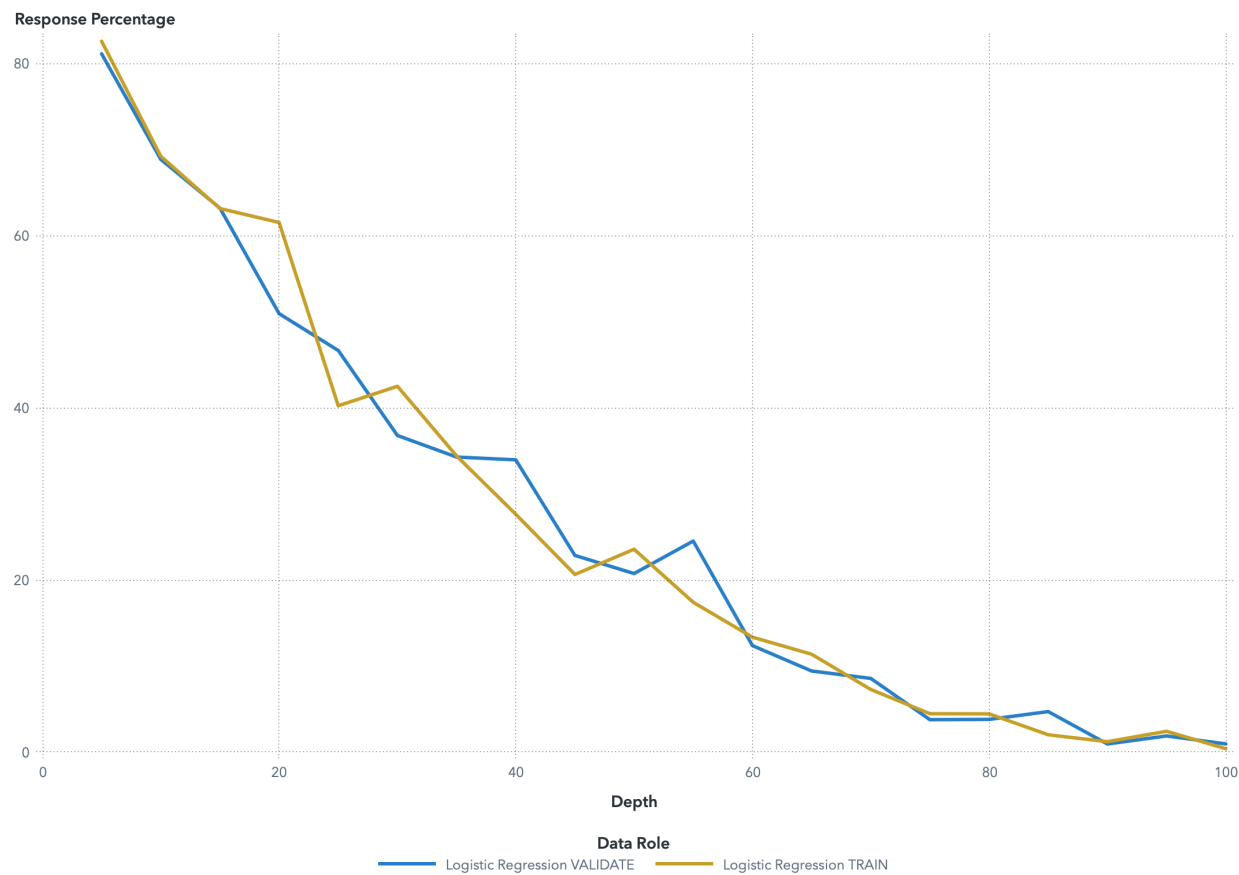
Captured Response Percentage



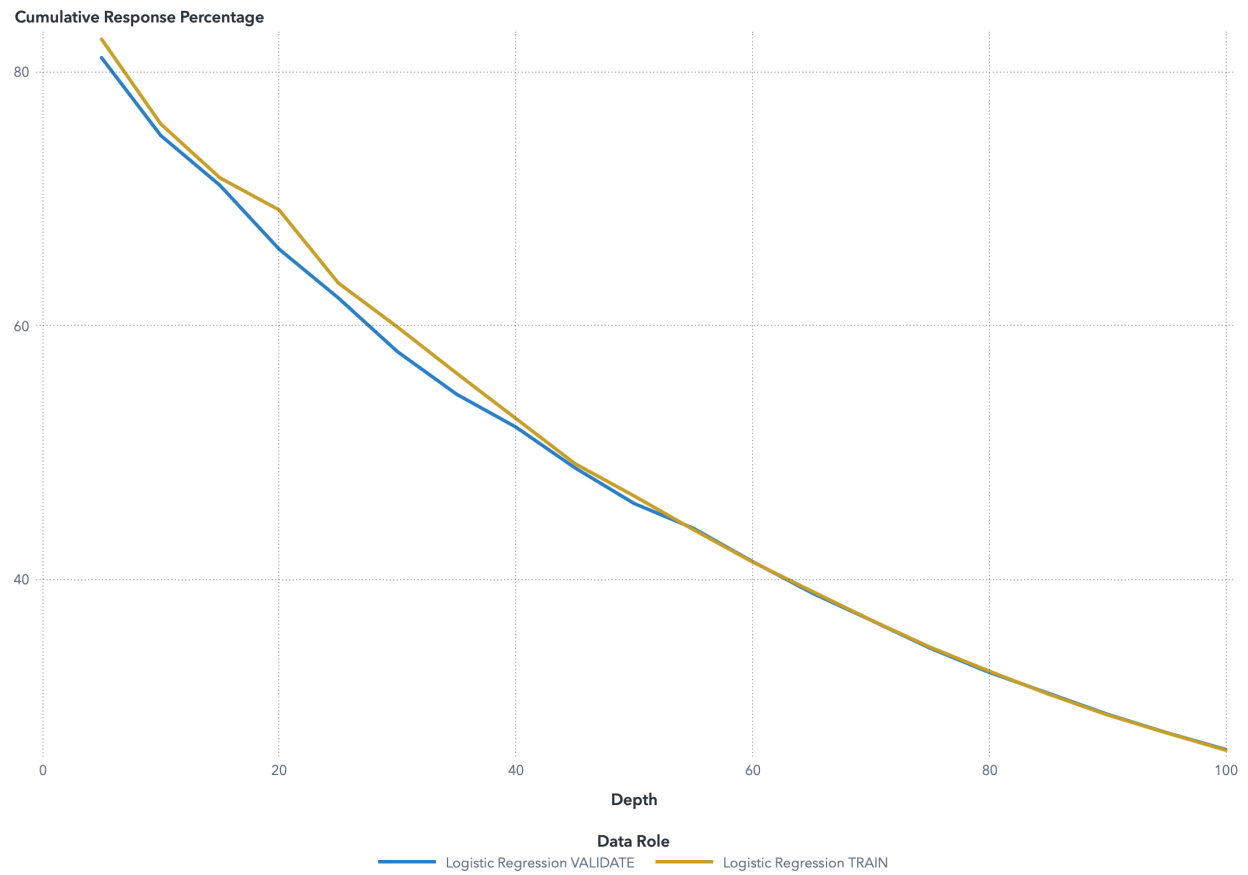
Cumulative Captured Response Percentage



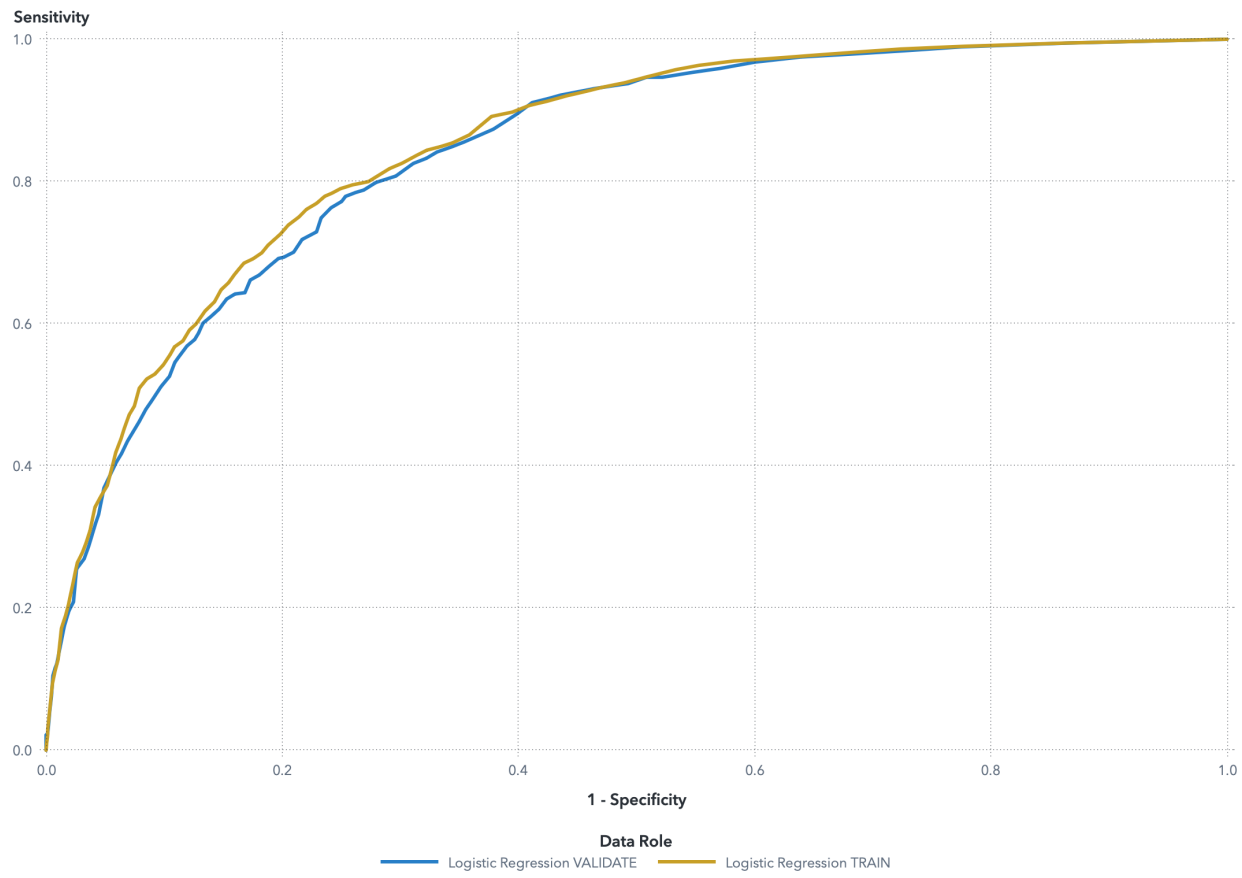
Response Percentage



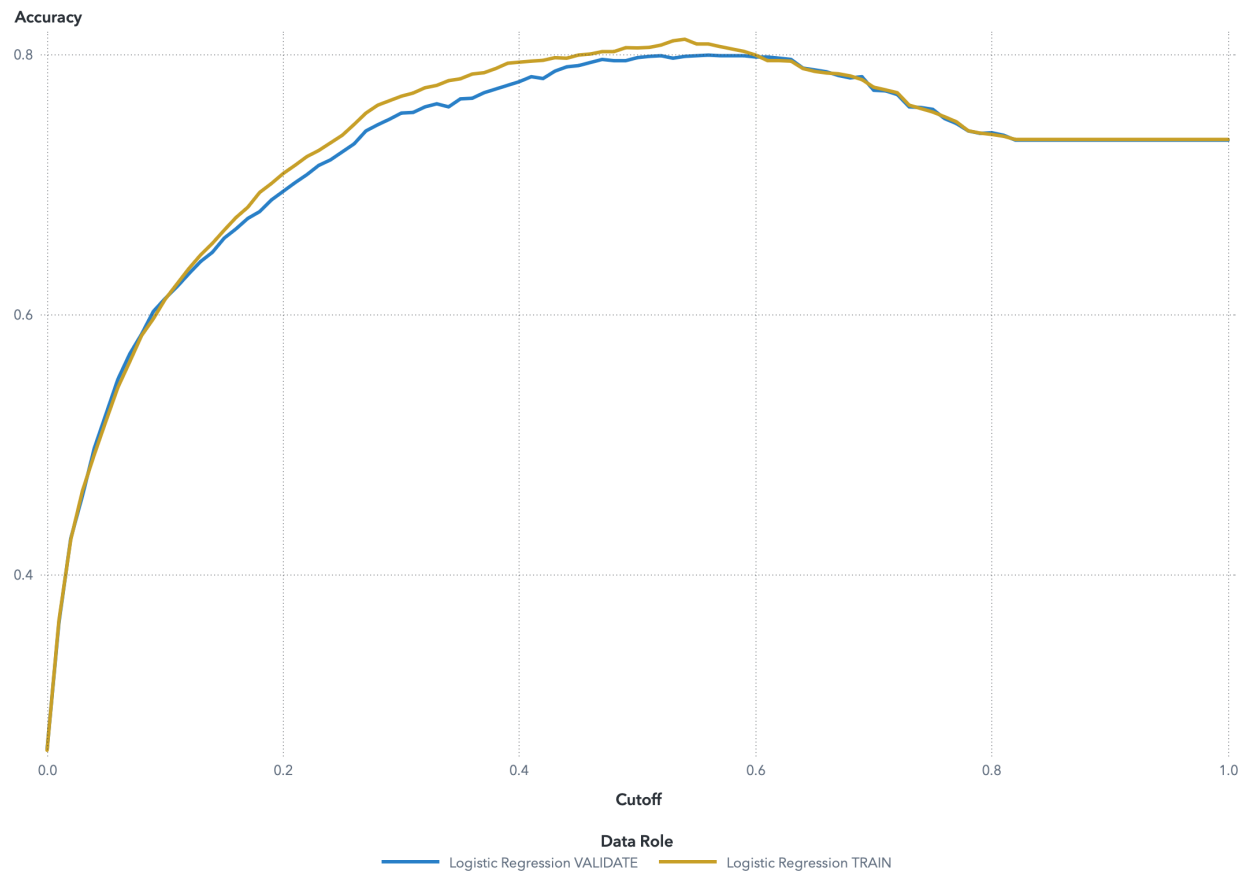
Cumulative Response Percentage



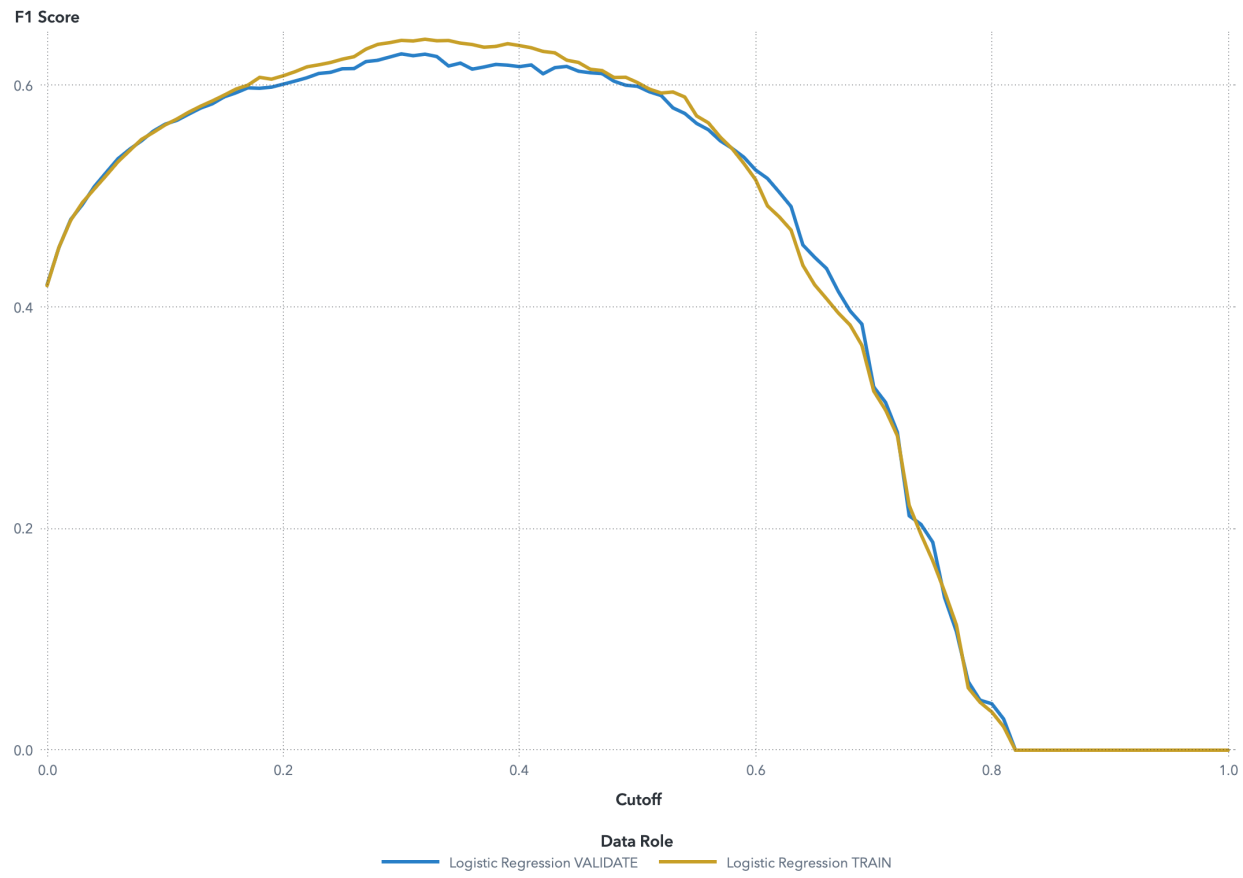
ROC



Accuracy



F1 Score



Fit Statistics

Statistics Label	TRAIN_Logistic_Regression	VALIDATE_Logistic_Regression
Area Under ROC	0.8487	0.8402
Average Squared Error	0.1338	0.1378
Divisor for ASE	4,932	2,111
Formatted Partition	1	0
Gamma	0.7032	0.6864
Gini Coefficient	0.6974	0.6804
KS (Youden)	0.5431	0.5254
KS at User-Specified Cutoff	0.4514	0.4493
KS Cutoff	0.3000	0.3000
Misclassification Rate	0.1948	0.2023
Misclassification Rate (Event)	0.1948	0.2023
Misclassification Rate at KS Cutoff (Event)	0.2320	0.2449
Multi-Class Log Loss	0.4129	0.4237
Number of Observations	4,932	2,111
Root Average Squared Error	0.3658	0.3712
Target Name	Churn	Churn
Tau	0.2718	0.2657
va__d__PARTITION4803__ONES	1	0