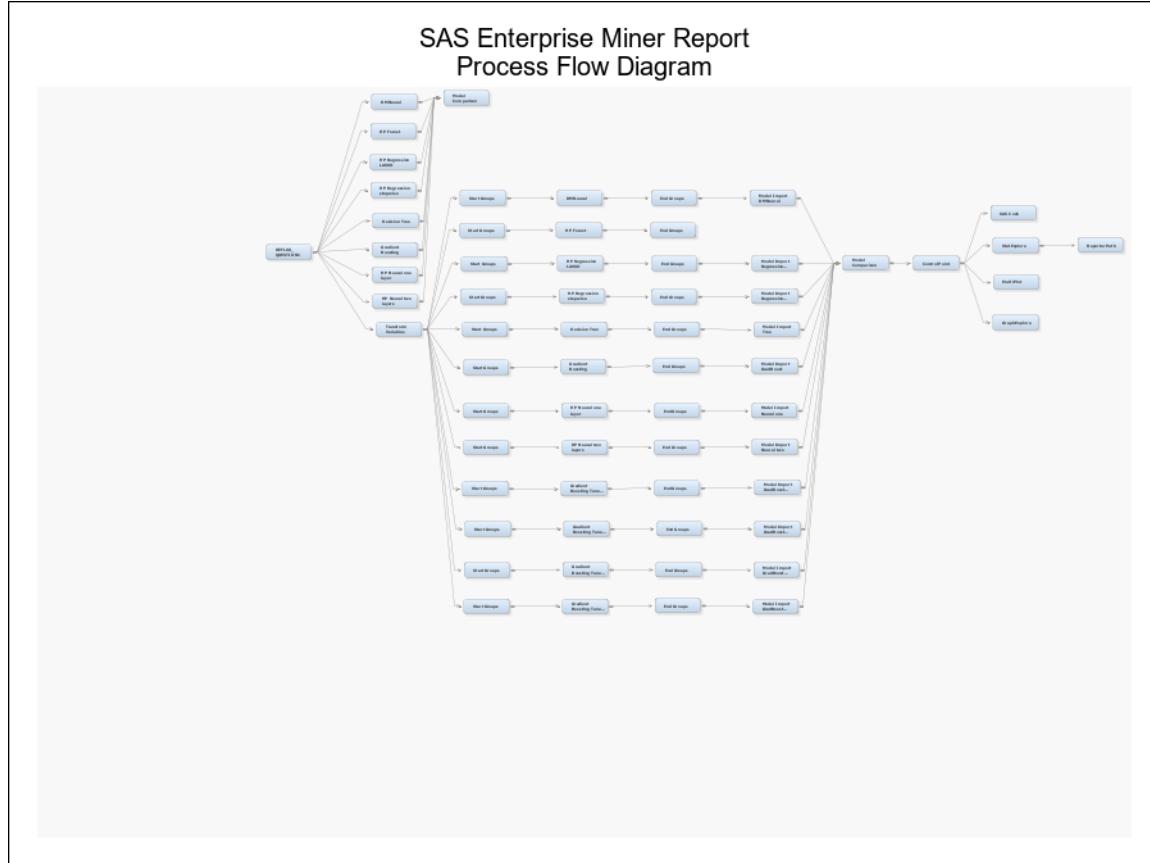


SAS Enterprise Miner Report

User = u0027997
Date = 08:47:41 uur 15 februari 2022
Project = 1_symptom_severity_custom
Diagram = kfold_total

Start Node = Report3
Node label = Reporter Path
Nodes = PATH
Showall = N

Format = PDF
Style = JOURNAL



SAS Enterprise Miner Report

Node=REFLUX_QUESTION1 Summary

Node id = lds
 Node label = REFLUX_QUESTION1
 Meta path = lds
 Notes =

Node=REFLUX_QUESTION1 Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DataSource		DsCreatedBy	u0027997		NBytes	410624	.
ApplyIntervalLevelLowerLimit	Y		DsId	refluxquestion		NCols	113	.
ApplyMaxClassLevels	Y		DsModifiedBy	u0027997		NObs	393	.
ApplyMaxPercentMissing	Y		DsModifyDate	1959522485.5		NewTable		
CMeta	WORK.M1UU_190		DsSampleName			NewVariableRole	REJECT	
ComputeStatistics	N		DsSampleSize			OutputType	VIEW	
DBPassThrough	Y		DsSampleSizeType			Role	RAW	TRAIN
Data	REFL_BAS.REFLUX_QUESTION1		DsScope	LOCAL		Sample	D	
DataSelection	DATASOURCE		IdentifyEmptyColumns	Y		SampleSizeObs	10000	
DataSource	refluxquestion		IntervalLowerLimit	20		SampleSizePercent	20	
DataSourceRole	RAW		Library	REFL_BAS		SampleSizeType	PERCENT	
Description			MaxClassLevels	20		Scope	LOCAL	
DropMapVariables	Y		MaxPercentMissing	50		Segment		
DsCreateDate	1959522485.5		MetaAdvisor	BASIC		Table	REFLUX_QUESTION1	

Node=REFLUX_QUESTION1 Data Attributes

Attribute	Value	Attribute	Value	Attribute	Value
Data Name	REFLUX_QUESTION1	Date Created	14/02/2022 13:27:17	Data Size	410624
Data Type	DATA	Date Modified	14/02/2022 13:27:17	Role	RAW
Data Label		Number Rows	393	Segment	
Engine	V9	Number Columns	113	Data Library	REFL_BAS

Node=REFLUX_QUESTION1 Variable Summary

Role	Level	Frequency		Name
		Count	Name	
TARGET	INTERVAL	1	BC_RQ_Total	
REJECTED	BINARY	11	PTSD_cutoff_imp_IT SAP_HB_total_Recode SAP_atypical_total_Recode SAP_regurg_total_Recode SAP_sum_total SI_HB_total_Recode SI_atypical_total_Recode SI_regurg_total_Recode SI_sum_total gender_imp ...	
REJECTED	INTERVAL	69	BAQ_note_change_imp_IT BAQ_onset_imp_IT BAQ_pred_react_imp_IT BAQ_sleep_imp_IT BC_CTTot_imp_IT BC_RQ_Acid_imp_IT BC_RQ_Slaapstoornissen_imp_IT BC_TOTAL_nr BC_tot_vol_exp_imp BMI_imp ... Factor1	
REJECTED	NOMINAL	7	LSAScutoff_imp_IT OESOFAGITIS education_imp marital_status_imp occupation_imp pH_MII_ON_or_OFF_PPI pH_imp_other	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

SAS Enterprise Miner Report

Node=Transform Variables Summary

Node id = Trans
 Node label = Transform Variables
 Meta path = Ids => Trans
 Notes =

Node=Transform Variables Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Transform		EmSampleSize	DEFAULT		MissingValue	USEINSEARCH	
DefaultClassMethod	NONE		GroupCutoff	0.1		NumberofBins	VARIABLES	
DefaultClassTargetMethod	NONE		GroupMissing	N		Offset	1	
DefaultMethod	NONE		HideVariable	Y		RejectVariable	Y	
DefaultTargetMethod	NONE		MaxOptimalBins	4		SummaryStatistics	Y	
EmRandomSeed	12345		MinOffset	Y		SummaryVariables	TRANSFORMED	
EmSampleMethod	FIRSTN		MissingAsLevel	N		UseMetaTransform	Y	

Node=Transform Variables Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
REJECTED	BINARY	11	PTSD_cutoff_imp_IT SAP_HB_total_Recode SAP_atypical_total_Recode SAP_regurg_total_Recode SAP_sum_total SI_HB_total_Recode SI_atypical_total_Recode SI_regurg_total_Recode SI_sum_total gender_imp ...	
REJECTED	INTERVAL	69	BAQ_note_change_imp_IT BAQ_onset_imp_IT BAQ_pred_react_imp_IT BAQ_sleep_imp_IT BC_CTQtot_imp_IT BC_RQ_Acid_imp_IT BC_RQ_Slaapstoornissen_imp_IT BC_TOTAL_nr BC_tot_vol_exp_imp BMI_imp ... Factor1	
REJECTED	NOMINAL	7	LSAScutoff_imp_IT OESOFAGITIS education_imp marital_status_imp occupation_imp pH_MII_ON_or_OFF_PPI pH_imp_other	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

Node=Transform Variables Transformations Statistics

Source	Method	Variable Name	Formula	Number of Non Missing			Standard			
				Levels	Missing	Missing	Minimum	Maximum	Mean	Deviation
Output	Formula	_fold_	int((ranuni(0)*8)+1)	.	393	0	1	8	4.41476	2.20007
									0.10115	-1.15166

SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1 Summary

Node id = Boost7
 Node label = Gradient Boosting Tuned 1
 Meta path = Ids => Trans => Grp9 => Boost7
 Notes =

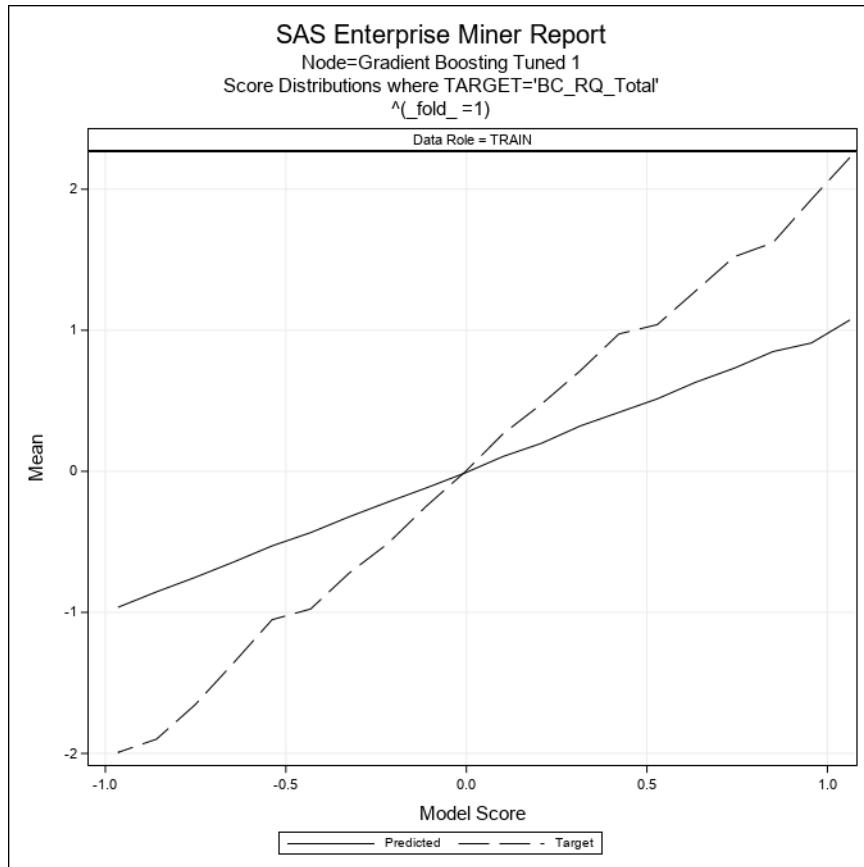
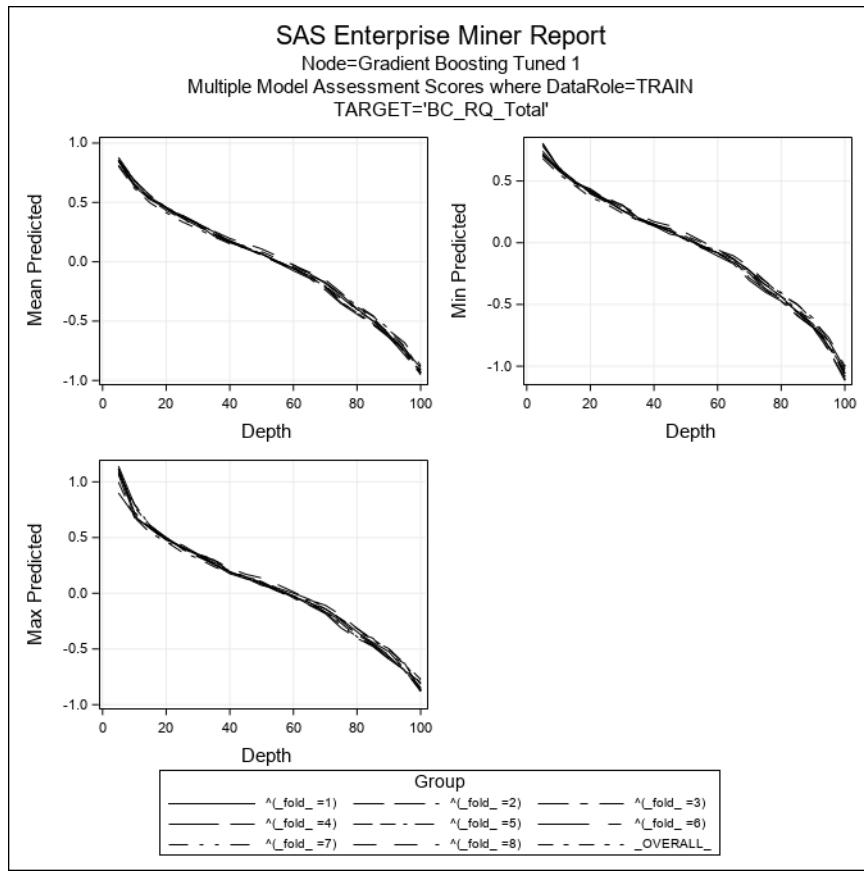
Node=Gradient Boosting Tuned 1 Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	3	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	6	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	1	
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	0.01	0.1
Huber	NO		NSurrs	0		SplitSize	.	
IntervalBins	100		NodeSize	20000		SubSeries	BEST	
IterationNum	1		NumPairImp	0		ToolType	MODEL	
Iterations	100	50	NumSingleImp	5		TrainProportion	70	60
LeafFraction	0.001		ObsImportance	Y	N	VarSelection	N	Y

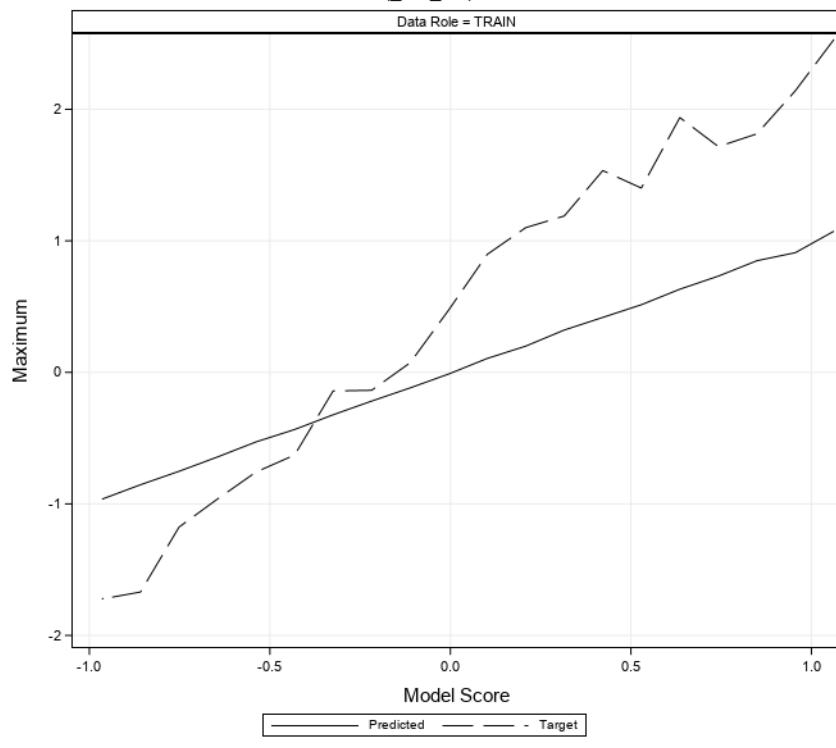
Node=Gradient Boosting Tuned 1 Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

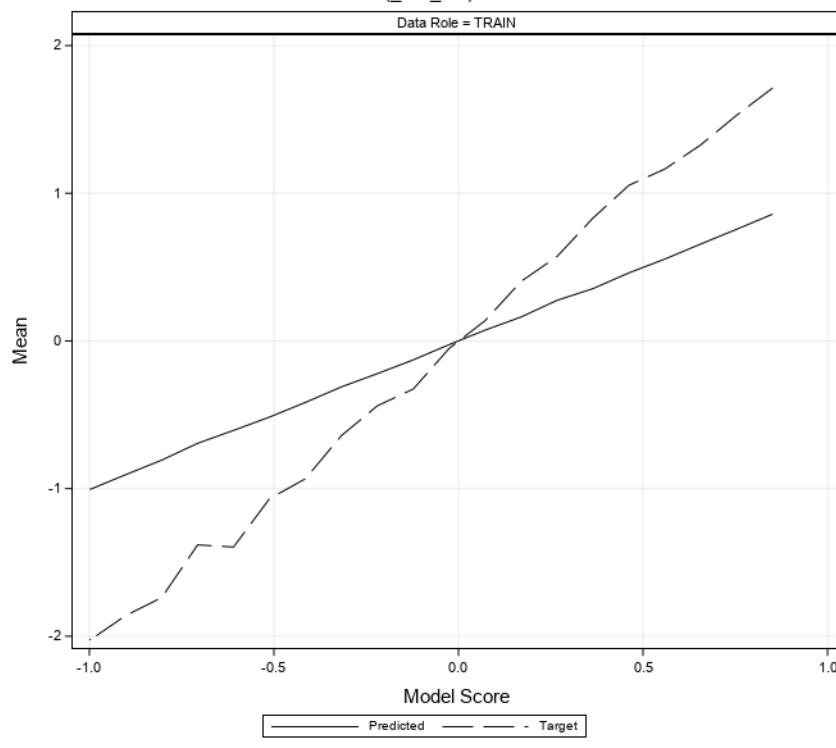
Group Index	Group	Train:		Sum of Case Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total Target Label
		Train: Target Variable	Train: Sum of Frequencies								
1	^(fold_=1)	BC_RQ_Total	341	341	1.41510	108.243	0.31743	0.56341	341	341	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	341	341	1.28328	107.082	0.31402	0.56038	341	341	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	339	339	1.43896	102.643	0.30278	0.55026	339	339	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	348	348	1.38868	103.344	0.29697	0.54495	348	348	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	348	348	1.45316	109.285	0.31404	0.56039	348	348	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Total	349	349	1.41135	107.291	0.30742	0.55446	349	349	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Total	351	351	1.41537	106.845	0.30440	0.55173	351	351	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Total	354	354	1.46447	102.740	0.29023	0.53873	354	354	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Total	393	.	1.97395	144.588	0.36791	0.60655	393	.	ReQuest (total score) (Box-Cox transformed)

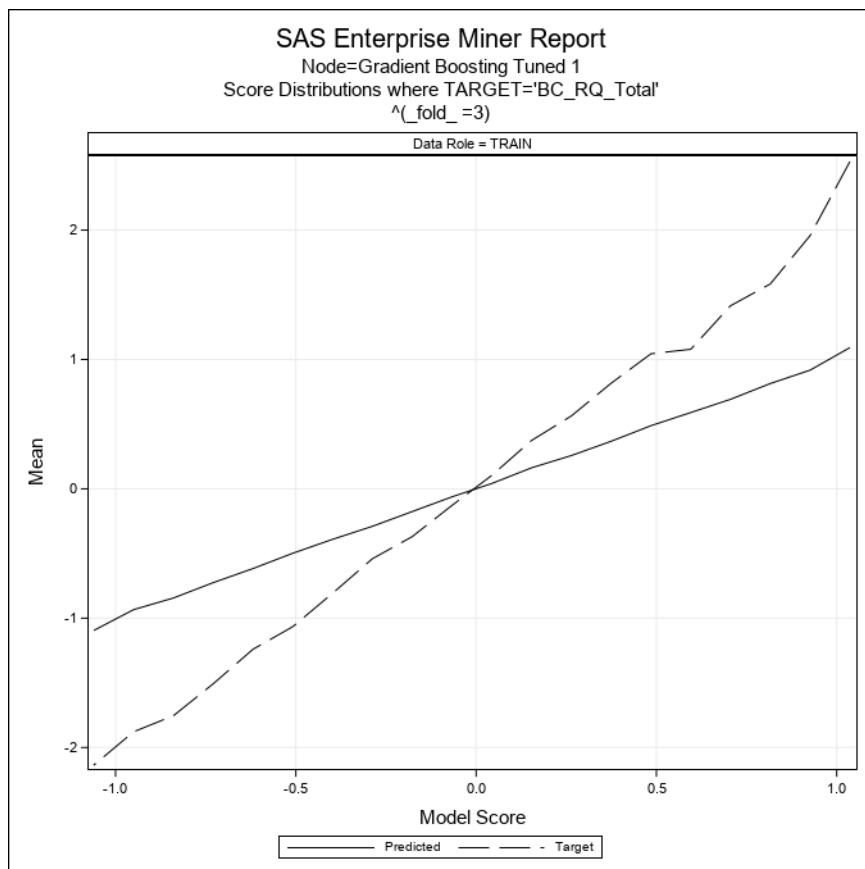
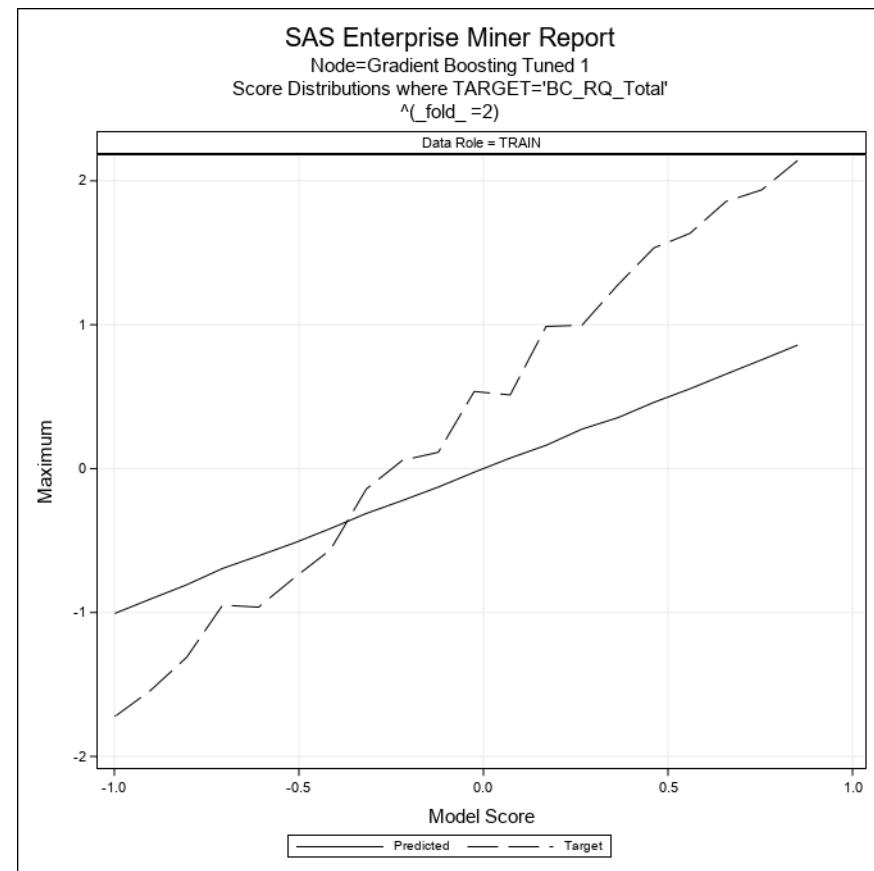


SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 1
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=1)

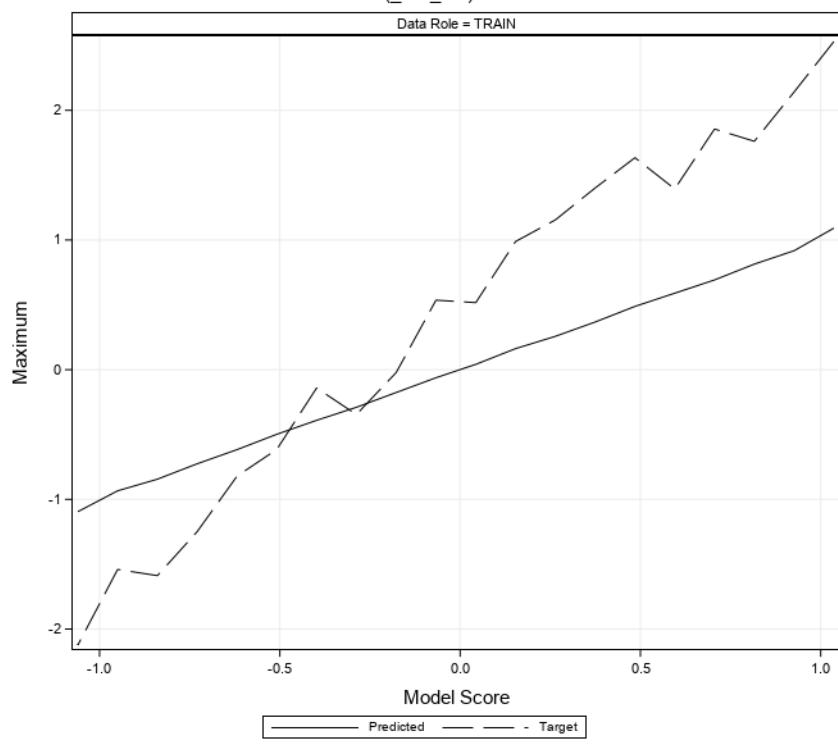


SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 1
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)

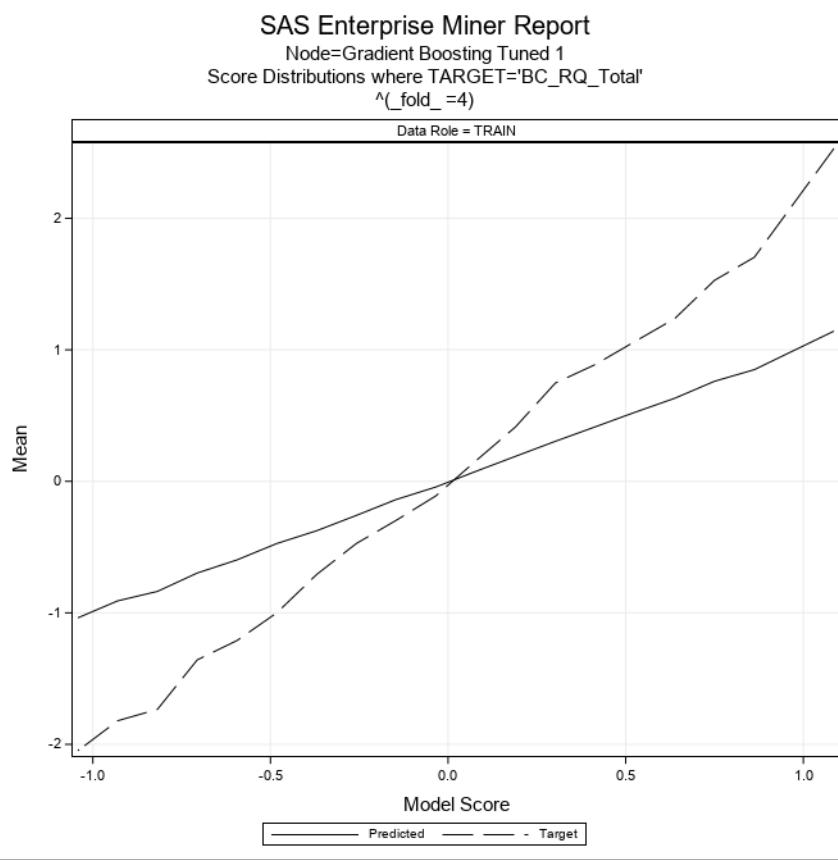




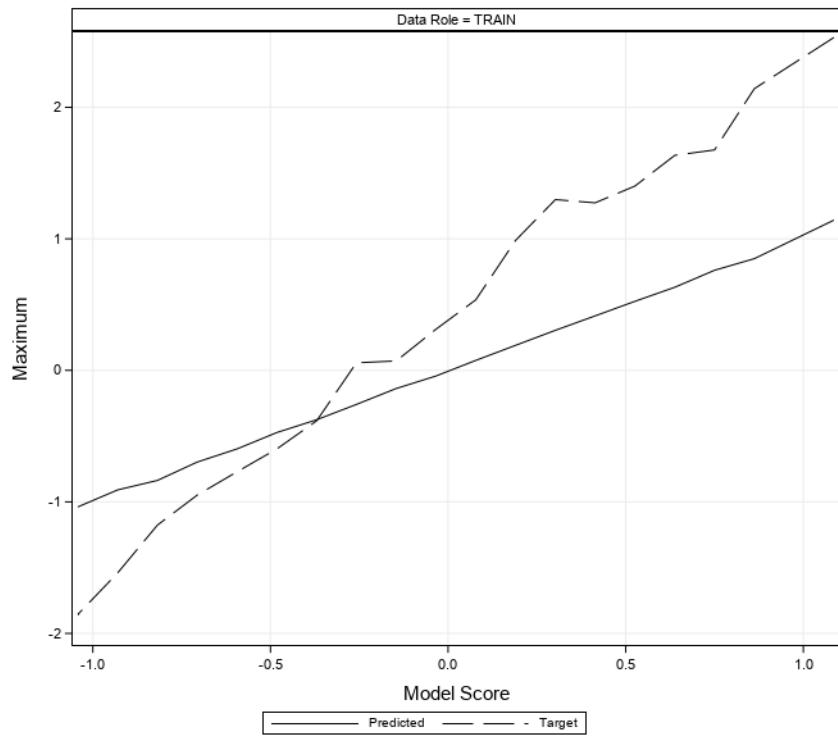
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 1
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)



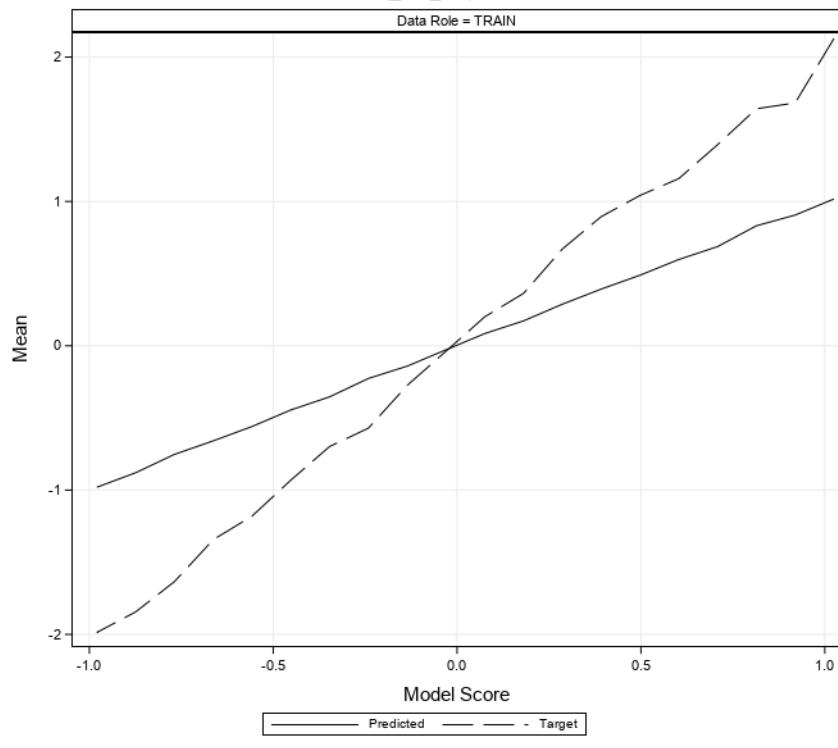
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 1
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=4)

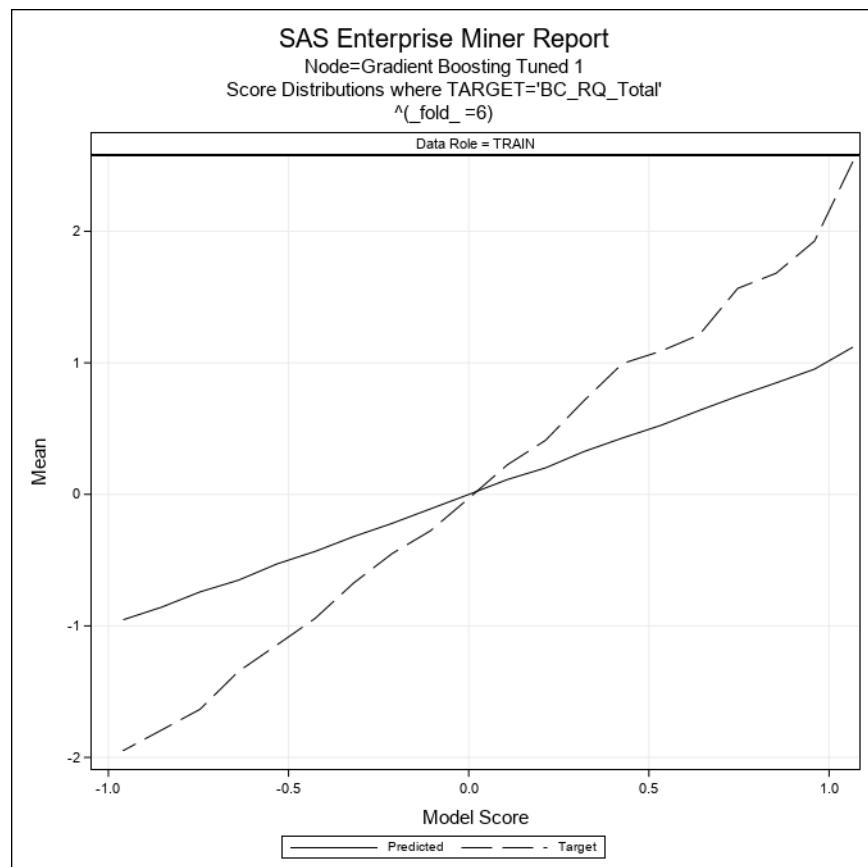


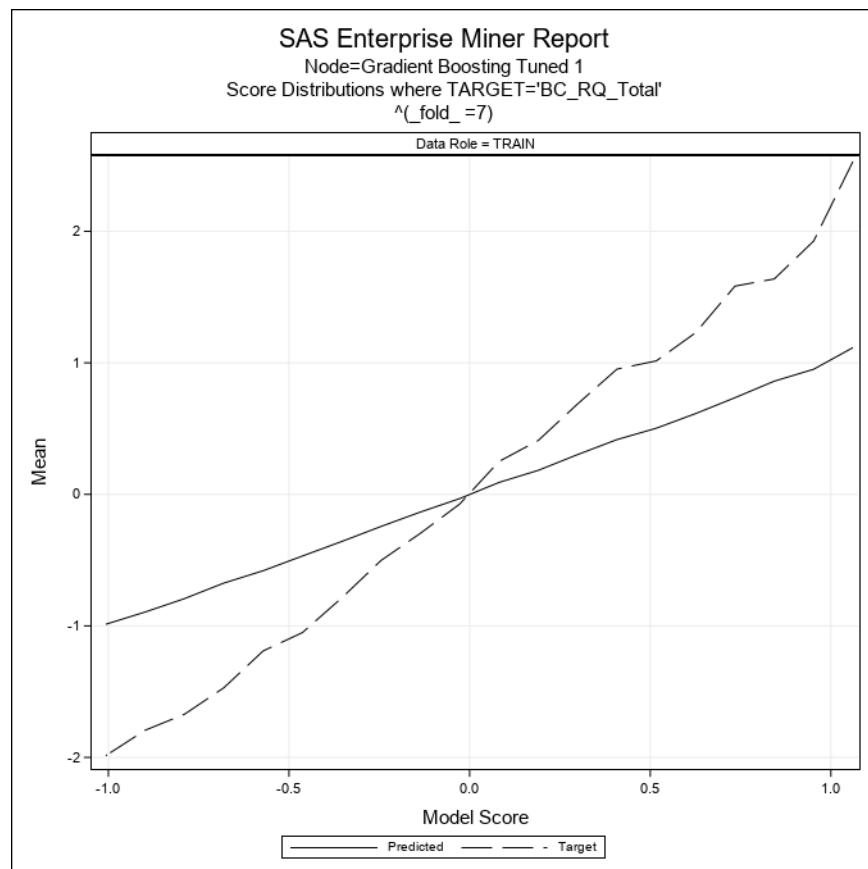
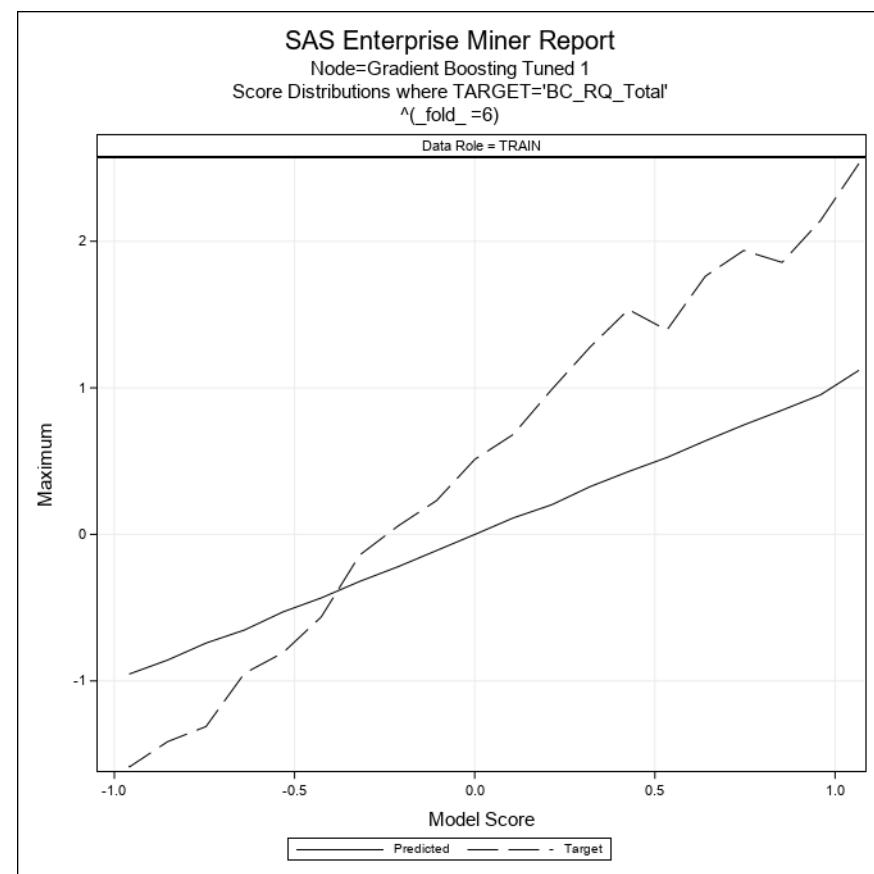
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 1
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=4)



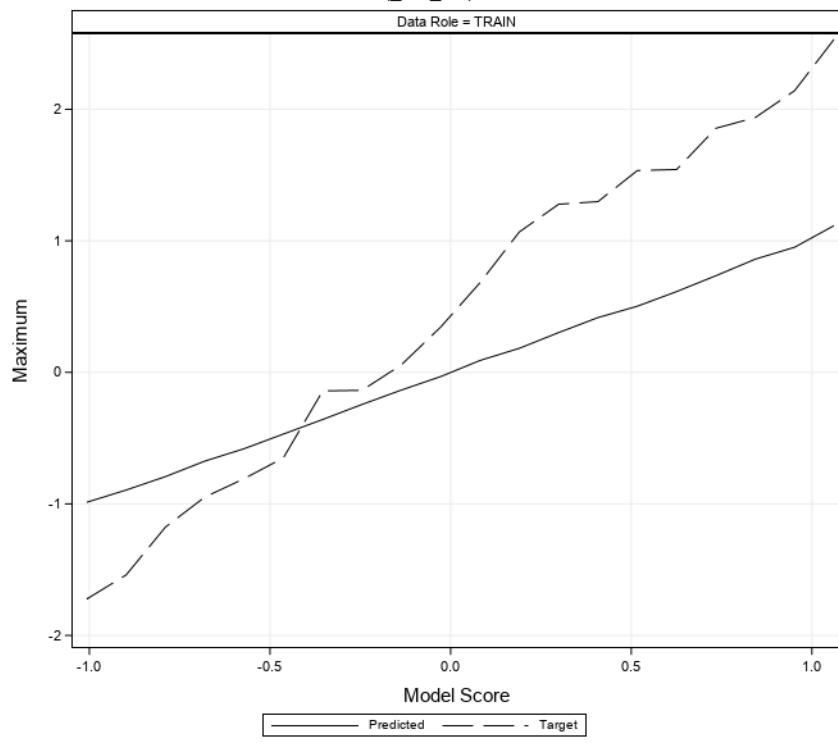
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 1
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=5)



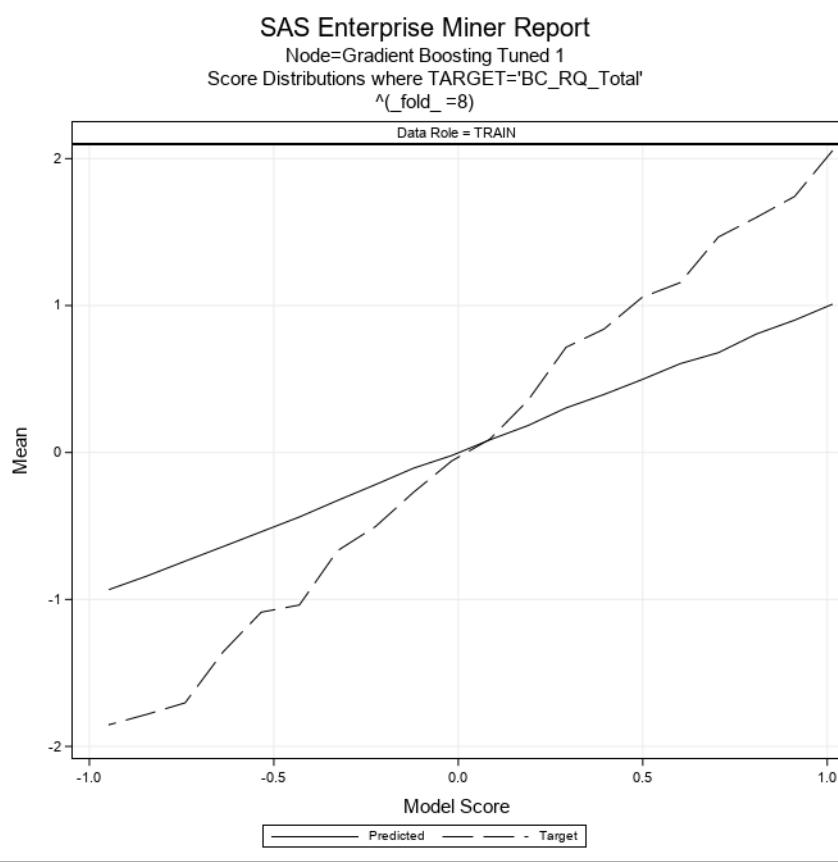




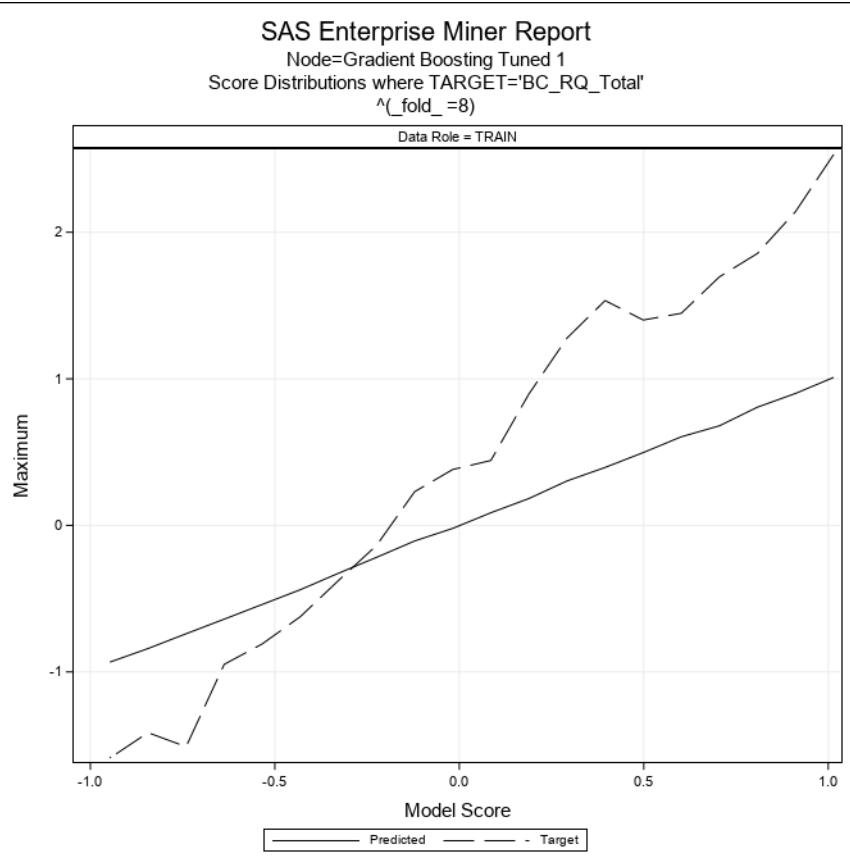
SAS Enterprise Miner Report
 Node=Gradient Boosting Tuned 1
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}7)$



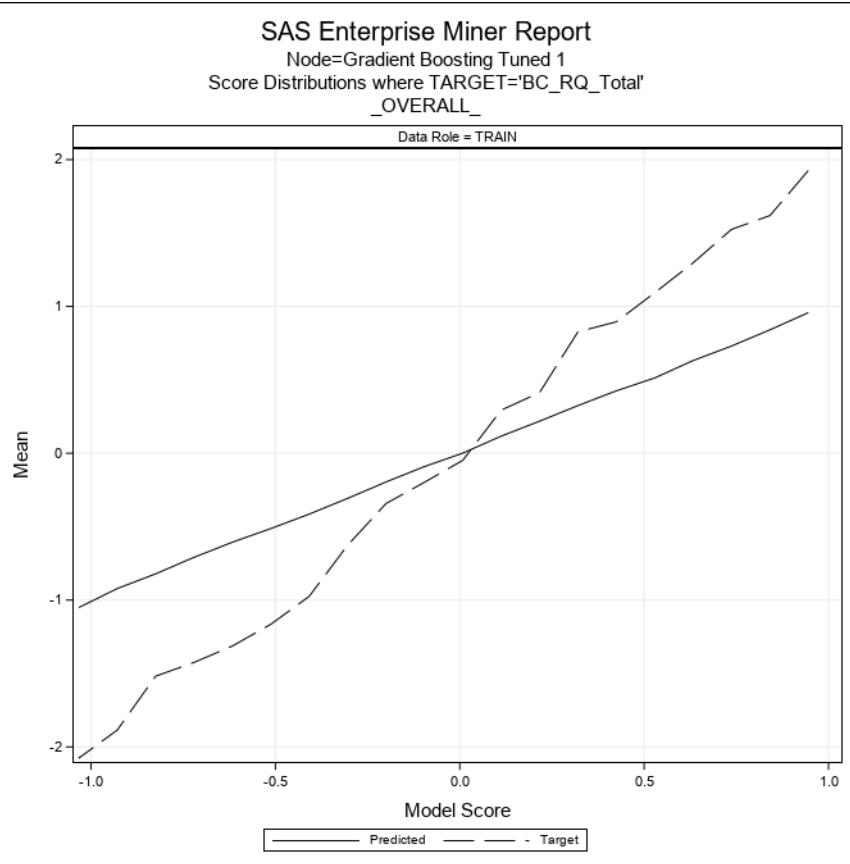
SAS Enterprise Miner Report
 Node=Gradient Boosting Tuned 1
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}8)$



SAS Enterprise Miner Report
 Node=Gradient Boosting Tuned 1
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}8)$



SAS Enterprise Miner Report
 Node=Gradient Boosting Tuned 1
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}8)$
 OVERALL





Node=Gradient Boosting Tuned 1

Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.009 - 1.116	1.07333	1.11570	1.03095	2.22528	2.53080	1.91976
0.902 - 1.009	0.91003	0.91647	0.90359	1.92831	2.14157	1.71506
0.796 - 0.902	0.84871	0.89589	0.81785	1.62091	1.81338	1.44435
0.689 - 0.796	0.73169	0.78064	0.69308	1.52167	1.71614	1.26278
0.582 - 0.689	0.63211	0.67902	0.58255	1.27995	1.93737	0.82445
0.475 - 0.582	0.51408	0.57998	0.47598	1.04024	1.40120	0.44077
0.369 - 0.475	0.41761	0.46326	0.37304	0.97364	1.53402	0.41807
0.262 - 0.369	0.32177	0.36163	0.26302	0.71301	1.18876	0.26486
0.155 - 0.262	0.19943	0.25958	0.15676	0.47823	1.10018	0.09819
0.049 - 0.155	0.10565	0.15382	0.04877	0.26716	0.89675	-0.10239
-0.058 - 0.049	-0.01252	0.04364	-0.05565	-0.00623	0.47402	-0.43311
-0.165 - -0.058	-0.11816	-0.05974	-0.15343	-0.24803	0.07301	-0.65958
-0.271 - -0.165	-0.21841	-0.16827	-0.25828	-0.51339	-0.13661	-0.87824
-0.378 - -0.271	-0.32258	-0.27181	-0.37742	-0.72182	-0.14129	-1.22281
-0.485 - -0.378	-0.43458	-0.38722	-0.48315	-0.97619	-0.62872	-1.44120
-0.592 - -0.485	-0.52875	-0.48491	-0.58460	-1.05200	-0.75757	-1.33329
-0.698 - -0.592	-0.64318	-0.59214	-0.69794	-1.35836	-0.96273	-1.71804
-0.805 - -0.698	-0.75234	-0.70017	-0.80214	-1.65568	-1.17661	-2.03918
-0.912 - -0.805	-0.85461	-0.81841	-0.87714	-1.89884	-1.66999	-2.12353
-1.018 - -0.912	-0.96419	-0.92236	-1.01840	-1.99331	-1.72334	-2.14837

Node=Gradient Boosting Tuned 1

Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.803 - 0.900	0.85875	0.90012	0.82002	1.71321	2.14157	1.35740
0.705 - 0.803	0.75645	0.80117	0.71249	1.52903	1.93737	1.26278
0.608 - 0.705	0.65640	0.70160	0.60867	1.32790	1.85573	0.98677
0.511 - 0.608	0.55451	0.60440	0.51359	1.16424	1.63467	0.78645
0.413 - 0.511	0.46078	0.50632	0.41462	1.05407	1.53402	0.44077
0.316 - 0.413	0.35428	0.41103	0.31617	0.83193	1.27810	0.48509
0.218 - 0.316	0.27471	0.31207	0.22589	0.57146	0.99693	0.29246
0.121 - 0.218	0.16221	0.20669	0.12195	0.40310	0.98831	0.07866
0.024 - 0.121	0.07332	0.11236	0.02453	0.13752	0.51216	-0.10239
-0.074 - 0.024	-0.02495	0.02215	-0.07109	-0.05058	0.53607	-0.34228
-0.171 - -0.074	-0.12817	-0.07988	-0.16605	-0.32584	0.11352	-0.65958
-0.268 - -0.171	-0.22183	-0.17618	-0.26138	-0.43959	0.05719	-0.87824
-0.366 - -0.268	-0.31136	-0.27990	-0.36405	-0.64171	-0.14129	-0.95512
-0.463 - -0.366	-0.41654	-0.37167	-0.45804	-0.93341	-0.56369	-1.33329
-0.561 - -0.463	-0.51574	-0.47454	-0.55895	-1.06853	-0.75757	-1.44120
-0.658 - -0.561	-0.60601	-0.56192	-0.63267	-1.39598	-0.96273	-1.71804
-0.755 - -0.658	-0.69353	-0.65922	-0.72649	-1.38156	-0.94838	-1.98839
-0.853 - -0.755	-0.80736	-0.76000	-0.84619	-1.73808	-1.31134	-2.12003
-0.950 - -0.853	-0.90582	-0.87320	-0.93351	-1.85987	-1.54033	-2.12353
-1.048 - -0.950	-1.00620	-0.96573	-1.04754	-2.02708	-1.72334	-2.14837

Node=Gradient Boosting Tuned 1

Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.981 - 1.092	1.09184	1.09184	1.09184	2.53080	2.53080	2.53080
0.871 - 0.981	0.91759	0.92706	0.90827	1.95824	2.14157	1.81338
0.761 - 0.871	0.81400	0.86692	0.76513	1.58407	1.76112	1.35740
0.650 - 0.761	0.69215	0.75164	0.65081	1.41542	1.85573	0.98677
0.540 - 0.650	0.58976	0.63255	0.55016	1.07888	1.39377	0.78645
0.430 - 0.540	0.48800	0.53071	0.42980	1.04406	1.63467	0.44077
0.319 - 0.430	0.36767	0.42064	0.32065	0.81641	1.40120	0.33679
0.209 - 0.319	0.25717	0.30865	0.21217	0.56350	1.15516	-0.07650
0.099 - 0.209	0.16253	0.20517	0.10342	0.37402	0.98831	-0.03609
-0.012 - 0.099	0.04111	0.09507	-0.00631	0.10380	0.51716	-0.34228
-0.122 - -0.012	-0.06206	-0.01459	-0.11396	-0.12819	0.53607	-0.45401
-0.233 - -0.122	-0.17592	-0.12748	-0.22849	-0.36972	-0.02176	-0.71719
-0.343 - -0.233	-0.28999	-0.23834	-0.34274	-0.54067	-0.34565	-0.87824
-0.453 - -0.343	-0.39047	-0.34804	-0.44268	-0.80736	-0.14129	-1.44120
-0.564 - -0.453	-0.49809	-0.45646	-0.55786	-1.06571	-0.61466	-1.45147
-0.674 - -0.564	-0.61644	-0.56596	-0.67254	-1.24037	-0.82095	-1.77371
-0.784 - -0.674	-0.72544	-0.67728	-0.77325	-1.50727	-1.24826	-2.12003
-0.895 - -0.784	-0.84409	-0.78760	-0.88842	-1.75444	-1.58791	-2.12353
-1.005 - -0.895	-0.93408	-0.89681	-0.98044	-1.87830	-1.54033	-2.12003
-1.115 - -1.005	-1.09493	-1.07446	-1.11540	-2.13595	-2.12353	-2.14837

Node=Gradient Boosting Tuned 1

Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.030 - 1.142	1.14212	1.14212	1.14212	2.53080	2.53080	2.53080
0.806 - 0.918	0.84922	0.91113	0.81791	1.70358	2.14157	1.42447
0.694 - 0.806	0.76086	0.80505	0.70061	1.52855	1.67589	1.35740
0.582 - 0.694	0.63167	0.69226	0.58761	1.23752	1.63467	0.98677
0.470 - 0.582	0.52492	0.57708	0.47391	1.06333	1.40120	0.44077
0.358 - 0.470	0.41422	0.46664	0.35990	0.88765	1.27377	0.41807
0.246 - 0.358	0.30437	0.35531	0.25308	0.74737	1.29809	0.33679
0.134 - 0.246	0.19033	0.24418	0.13702	0.41441	0.98831	-0.07650
0.022 - 0.134	0.07559	0.13328	0.02265	0.15495	0.53607	-0.17792
-0.090 - 0.022	-0.04292	0.00714	-0.08321	-0.10995	0.31280	-0.45401
-0.202 - -0.090	-0.13818	-0.09050	-0.19965	-0.29653	0.07159	-0.65958
-0.314 - -0.202	-0.25903	-0.20346	-0.31219	-0.47247	0.05719	-0.88221
-0.426 - -0.314	-0.37569	-0.31519	-0.42525	-0.70877	-0.38404	-1.11233
-0.538 - -0.426	-0.47302	-0.43027	-0.52213	-0.99978	-0.59748	-1.44120
-0.650 - -0.538	-0.59734	-0.54093	-0.64892	-1.21051	-0.77132	-1.71804
-0.762 - -0.650	-0.69725	-0.65811	-0.75091	-1.35776	-0.94838	-1.61674
-0.874 - -0.762	-0.83690	-0.79044	-0.87294	-1.73363	-1.17661	-2.12353
-0.986 - -0.874	-0.90902	-0.87726	-0.98351	-1.82058	-1.54033	-2.12003
-1.098 - -0.986	-1.03819	-0.99317	-1.09822	-2.04896	-1.85583	-2.14837

Node=Gradient Boosting Tuned 1

Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.972 - 1.078	1.01707	1.07764	0.98552	2.12914	2.53080	1.71506
0.867 - 0.972	0.90560	0.97208	0.87081	1.68269	1.91976	1.49995
0.761 - 0.867	0.83114	0.86592	0.77086	1.64215	1.93737	1.35740
0.656 - 0.761	0.68703	0.73855	0.65805	1.39300	1.67589	0.98677
0.550 - 0.656	0.59759	0.65219	0.55838	1.15822	1.39377	0.78645
0.445 - 0.550	0.48880	0.53419	0.45327	1.04142	1.28937	0.68366
0.339 - 0.445	0.39257	0.44267	0.34186	0.89444	1.53402	0.41807
0.234 - 0.339	0.28815	0.32620	0.23881	0.67058	1.14395	0.29246
0.128 - 0.234	0.17247	0.22680	0.13057	0.36329	1.27810	-0.07723
0.023 - 0.128	0.08463	0.12431	0.02710	0.20078	0.68168	-0.21219
-0.083 - 0.023	-0.02805	0.02085	-0.07921	-0.03773	0.51216	-0.45401
-0.188 - -0.083	-0.14107	-0.08547	-0.17666	-0.27440	0.38121	-0.65958
-0.294 - -0.188	-0.22651	-0.18954	-0.29171	-0.57104	-0.38093	-0.77931
-0.399 - -0.294	-0.35388	-0.30355	-0.39889	-0.69797	-0.14129	-1.11233
-0.505 - -0.399	-0.44484	-0.40694	-0.49719	-0.93107	-0.55186	-1.44120
-0.610 - -0.505	-0.55944	-0.50654	-0.60722	-1.18032	-0.80863	-1.71804
-0.716 - -0.610	-0.65876	-0.62166	-0.71337	-1.34360	-0.94838	-1.71630
-0.821 - -0.716	-0.75256	-0.72810	-0.79119	-1.63417	-1.31134	-2.12353
-0.927 - -0.821	-0.87983	-0.82153	-0.92671	-1.84400	-1.58791	-2.12003
-1.032 - -0.927	-0.98044	-0.93074	-1.03230	-1.98645	-1.54033	-2.14837

Node=Gradient Boosting Tuned 1

Score Distributions

Group=_fold_=6 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.013 - 1.119	1.11945	1.11945	1.11945	2.53080	2.53080	2.53080
0.906 - 1.013	0.95220	1.00240	0.91632	1.92546	2.14157	1.71506
0.800 - 0.906	0.84743	0.90096	0.80516	1.68129	1.85573	1.35740
0.693 - 0.800	0.74659	0.79136	0.71243	1.56568	1.93737	1.39090
0.587 - 0.693	0.63800	0.66433	0.58735	1.21320	1.76112	0.98677
0.480 - 0.587	0.52452	0.58138	0.48091	1.08857	1.39377	0.68366
0.373 - 0.480	0.42844	0.47224	0.37397	0.99478	1.53402	0.44077
0.267 - 0.373	0.32571	0.37179	0.28644	0.71313	1.27810	0.29246
0.160 - 0.267	0.20179	0.25780	0.16043	0.41161	0.98831	-0.07650
0.054 - 0.160	0.11219	0.15955	0.05565	0.22414	0.68168	-0.20754
-0.053 - 0.054	-0.00045	0.04630	-0.05286	-0.02970	0.51216	-0.34228
-0.159 - -0.053	-0.11057	-0.05452	-0.15922	-0.277702	0.22991	-0.87824
-0.266 - -0.159	-0.22079	-0.15975	-0.26327	-0.45069	0.05719	-0.88221
-0.373 - -0.266	-0.32108	-0.26850	-0.36377	-0.67426	-0.14129	-1.18976
-0.479 - -0.373	-0.43375	-0.39265	-0.47639	-0.94246	-0.56369	-1.44120
-0.586 - -0.479	-0.52942	-0.48268	-0.57904	-1.14560	-0.80863	-1.60749
-0.692 - -0.586	-0.65285	-0.60138	-0.69167	-1.34674	-0.94838	-1.71804
-0.799 - -0.692	-0.74178	-0.71229	-0.77362	-1.63424	-1.31134	-1.98839
-0.906 - -0.799	-0.85773	-0.80073	-0.90229	-1.79164	-1.41445	-2.12003
-1.012 - -0.906	-0.95350	-0.92063	-1.01211	-1.94870	-1.58791	-2.14837

Node=Gradient Boosting Tuned 1

Score Distributions

Group=_fold_=7 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.007 - 1.115	1.11543	1.11543	1.11543	2.53080	2.53080	2.53080
0.898 - 1.007	0.95098	0.98283	0.92498	1.92546	2.14157	1.71506
0.789 - 0.898	0.86054	0.88281	0.81605	1.63782	1.93737	1.35740
0.680 - 0.789	0.73485	0.78143	0.68045	1.58319	1.85573	1.39090
0.571 - 0.680	0.61414	0.67659	0.57167	1.22914	1.54226	0.98677
0.462 - 0.571	0.50279	0.56546	0.46437	1.01479	1.53402	0.44077
0.354 - 0.462	0.41639	0.46020	0.36415	0.95225	1.29809	0.41807
0.245 - 0.354	0.30242	0.34499	0.24634	0.68792	1.27810	0.33679
0.136 - 0.245	0.18288	0.24224	0.13870	0.41016	1.06762	-0.07650
0.027 - 0.136	0.09052	0.13557	0.03068	0.25004	0.68168	-0.09493
-0.082 - 0.027	-0.03213	0.02381	-0.08172	-0.07368	0.34447	-0.41118
-0.191 - -0.082	-0.13460	-0.08633	-0.18911	-0.29612	0.05719	-0.65958
-0.300 - -0.191	-0.24394	-0.20176	-0.29798	-0.50250	-0.13661	-0.77931
-0.408 - -0.300	-0.35831	-0.30366	-0.40332	-0.78734	-0.14129	-1.44120
-0.517 - -0.408	-0.46898	-0.41615	-0.51669	-1.05099	-0.64981	-1.33329
-0.626 - -0.517	-0.58074	-0.52492	-0.62607	-1.19084	-0.80863	-1.60749
-0.735 - -0.626	-0.67491	-0.63643	-0.71331	-1.47113	-0.94838	-1.71804
-0.844 - -0.735	-0.79285	-0.74488	-0.84003	-1.67199	-1.17661	-2.12353
-0.953 - -0.844	-0.89477	-0.85032	-0.95248	-1.79344	-1.54033	-2.12003
-1.062 - -0.953	-0.98770	-0.95478	-1.06151	-1.98656	-1.72334	-2.12353

Node=Gradient Boosting Tuned 1

Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.963 - 1.066	1.00957	1.06633	0.96515	2.05521	2.53080	1.71506
0.860 - 0.963	0.90034	0.95030	0.86064	1.74197	2.14157	1.48934
0.757 - 0.860	0.80661	0.85900	0.75738	1.60011	1.85573	1.42447
0.653 - 0.757	0.67935	0.72436	0.65672	1.46624	1.69572	1.17010
0.550 - 0.653	0.60447	0.64982	0.55835	1.15628	1.44711	0.78645
0.447 - 0.550	0.49668	0.54687	0.45001	1.05623	1.40120	0.44077
0.344 - 0.447	0.39515	0.44188	0.34485	0.84035	1.53402	0.33679
0.240 - 0.344	0.30319	0.34091	0.24307	0.71568	1.27810	0.26486
0.137 - 0.240	0.18316	0.23743	0.13723	0.35444	0.89675	-0.07650
0.034 - 0.137	0.08607	0.13527	0.03397	0.09017	0.44271	-0.19093
-0.069 - 0.034	-0.02055	0.03259	-0.06533	-0.05740	0.38121	-0.45401
-0.173 - -0.069	-0.10650	-0.07505	-0.17193	-0.27010	0.22991	-0.71719
-0.276 - -0.173	-0.21823	-0.17472	-0.27323	-0.50362	-0.13661	-0.87824
-0.379 - -0.276	-0.32668	-0.28298	-0.37754	-0.66847	-0.37628	-0.95512
-0.482 - -0.379	-0.43885	-0.38928	-0.47997	-1.03792	-0.62275	-1.44120
-0.586 - -0.482	-0.53949	-0.49366	-0.58075	-1.08656	-0.80863	-1.37563
-0.689 - -0.586	-0.63992	-0.59243	-0.68343	-1.35610	-0.94838	-1.71804
-0.792 - -0.689	-0.73954	-0.69310	-0.77164	-1.70358	-1.51040	-1.98839
-0.895 - -0.792	-0.84044	-0.79305	-0.87989	-1.78147	-1.41445	-2.12353
-0.999 - -0.895	-0.93304	-0.89632	-0.99861	-1.85296	-1.58791	-2.12003

Node=Gradient Boosting Tuned 1

Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.893 - 0.997	0.95763	0.99722	0.90359	1.92546	2.14157	1.71506
0.789 - 0.893	0.84044	0.88328	0.80505	1.61877	1.81338	1.44435
0.685 - 0.789	0.73021	0.78835	0.69045	1.52474	1.85573	1.26278
0.581 - 0.685	0.63144	0.68324	0.58255	1.29713	1.76112	0.98677
0.477 - 0.581	0.51297	0.57503	0.47910	1.09327	1.74649	0.44077
0.373 - 0.477	0.42519	0.47365	0.37435	0.89522	1.53402	-0.02569
0.268 - 0.373	0.32441	0.36942	0.28260	0.82695	2.53080	0.11612
0.164 - 0.268	0.21847	0.26679	0.17433	0.41330	1.17010	-1.37563
0.060 - 0.164	0.11635	0.16389	0.06039	0.29328	1.67589	-0.99712
-0.044 - 0.060	0.00073	0.05934	-0.04388	-0.04826	1.93737	-2.12353
-0.148 - -0.044	-0.09091	-0.04529	-0.14267	-0.19799	1.01814	-0.65958
-0.252 - -0.148	-0.19571	-0.14938	-0.24345	-0.34268	0.51716	-0.87824
-0.356 - -0.252	-0.30751	-0.25288	-0.35289	-0.62672	1.20060	-1.98818
-0.460 - -0.356	-0.41460	-0.36038	-0.45697	-0.97497	-0.53404	-2.11306
-0.564 - -0.460	-0.51297	-0.46382	-0.56415	-1.16497	-0.75757	-2.12353
-0.669 - -0.564	-0.60581	-0.56484	-0.66618	-1.31286	-0.85695	-1.71804
-0.773 - -0.669	-0.70874	-0.67714	-0.75264	-1.42471	-1.17661	-1.69512
-0.877 - -0.773	-0.82143	-0.77291	-0.87412	-1.51857	-0.14129	-1.91626
-0.981 - -0.877	-0.92162	-0.88451	-0.96848	-1.88573	-1.54033	-2.12003
-1.085 - -0.981	-1.05077	-1.01648	-1.08507	-2.07619	-2.00400	-2.14837

Node=Gradient Boosting Tuned 1

Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	345
2	^(fold_=2)	338
3	^(fold_=3)	338
4	^(fold_=4)	350
5	^(fold_=5)	344
6	^(fold_=6)	349
7	^(fold_=7)	338
8	^(fold_=8)	349

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp9
 Node label = End Groups
 Meta path = Ids => Trans => Grp9 => Boost7 => EndGrp9
 Notes =

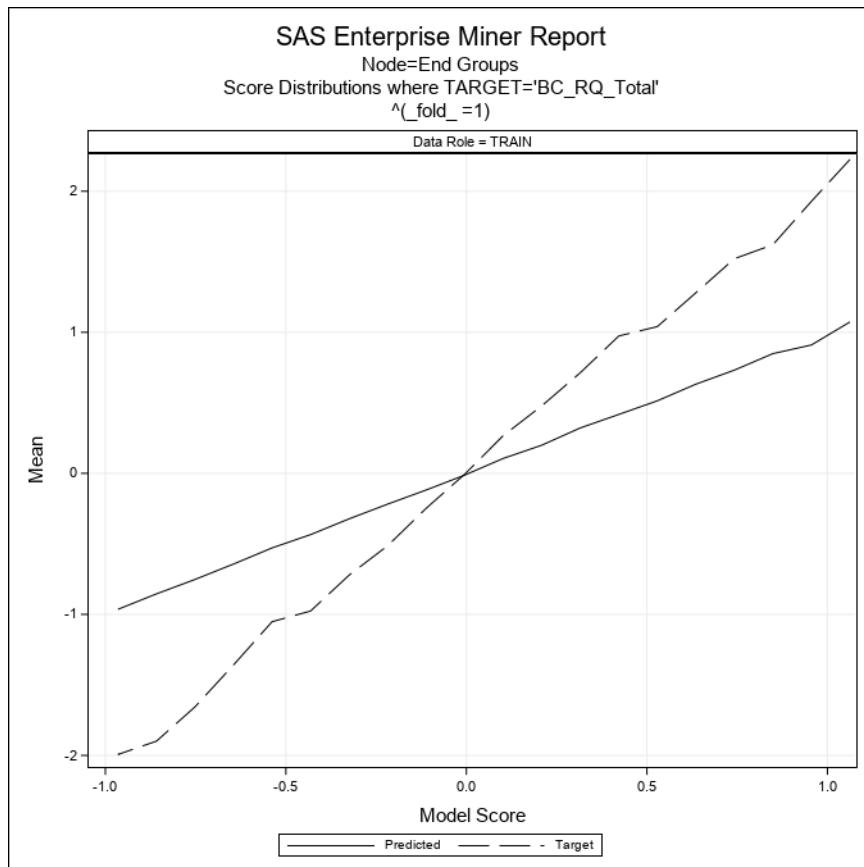
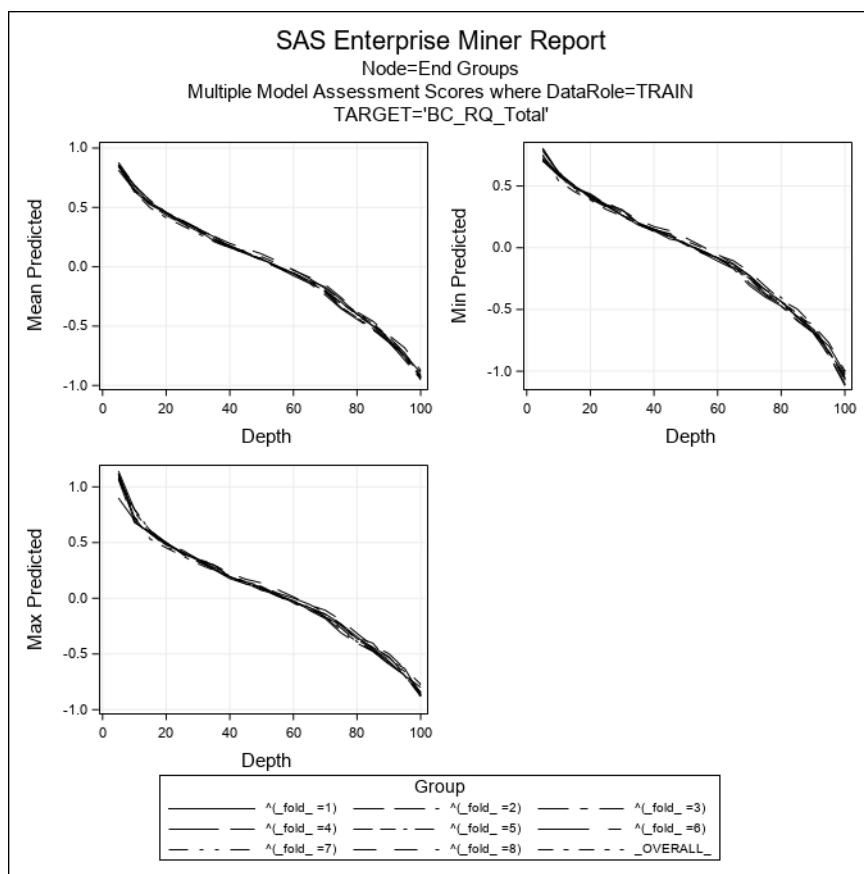
Node=End Groups Properties

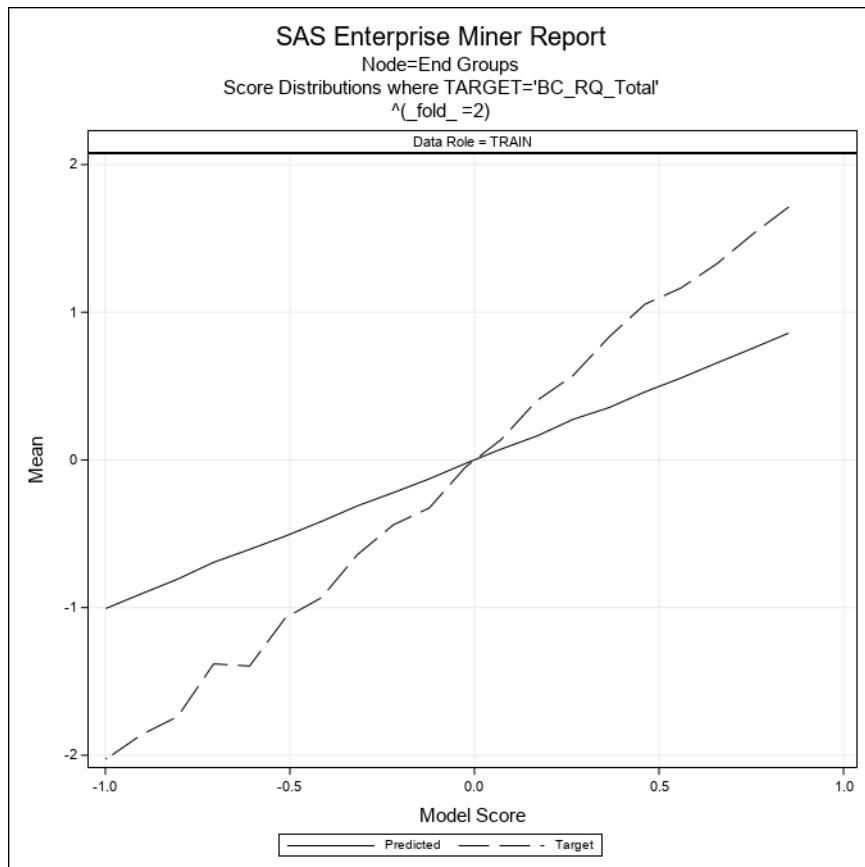
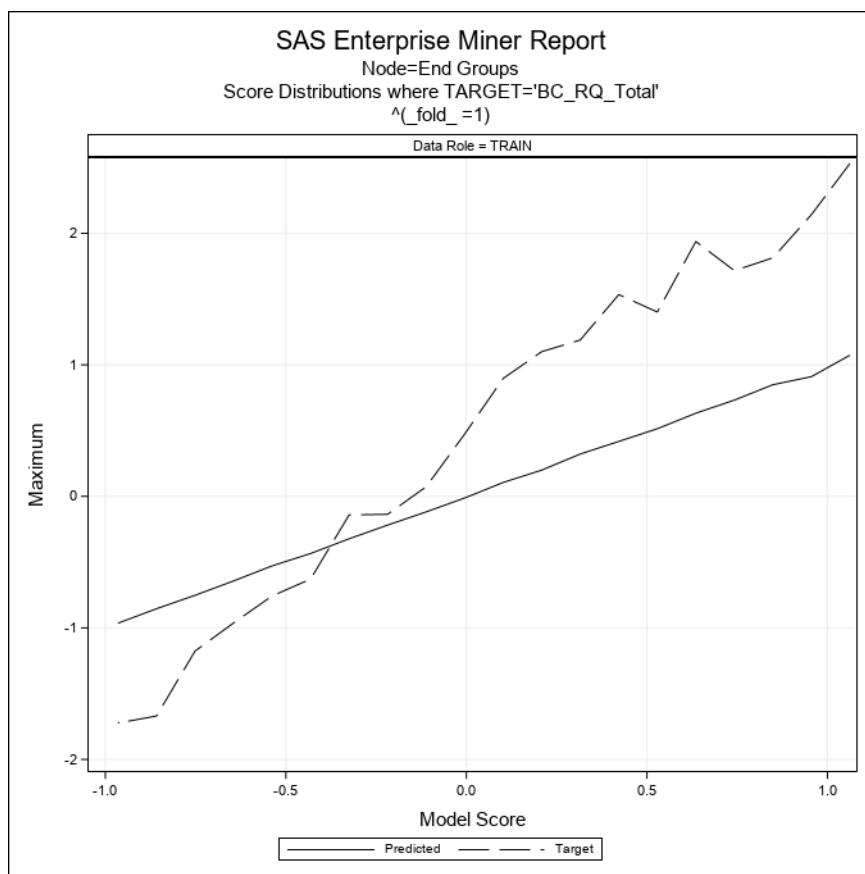
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Component	EndGroup		ToolType	MODEL				

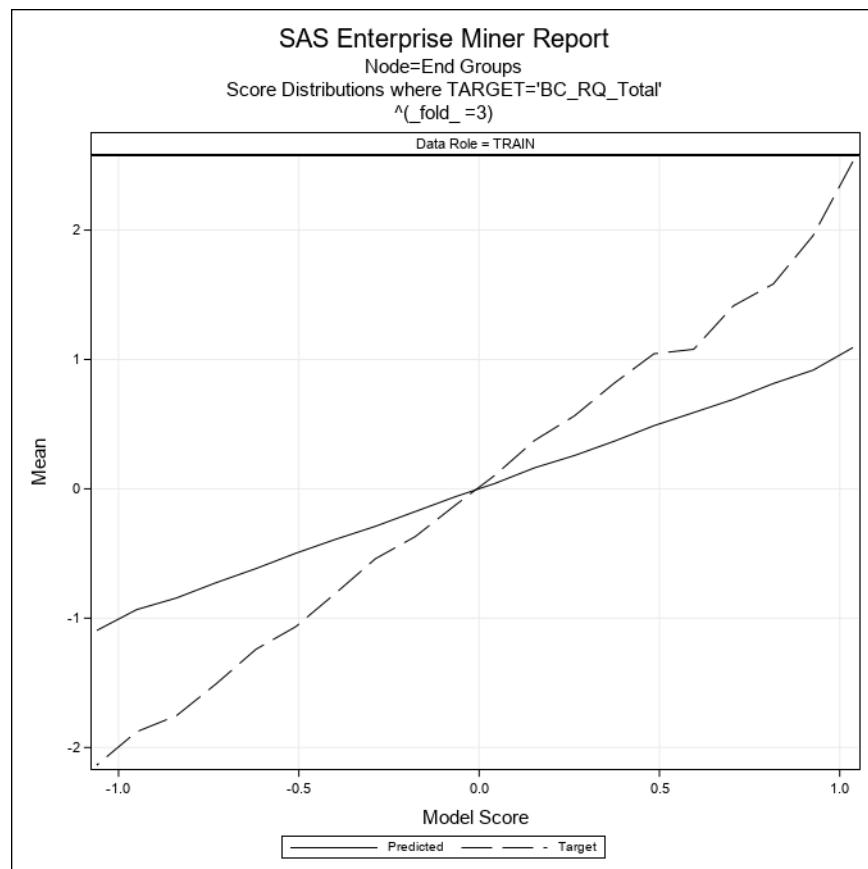
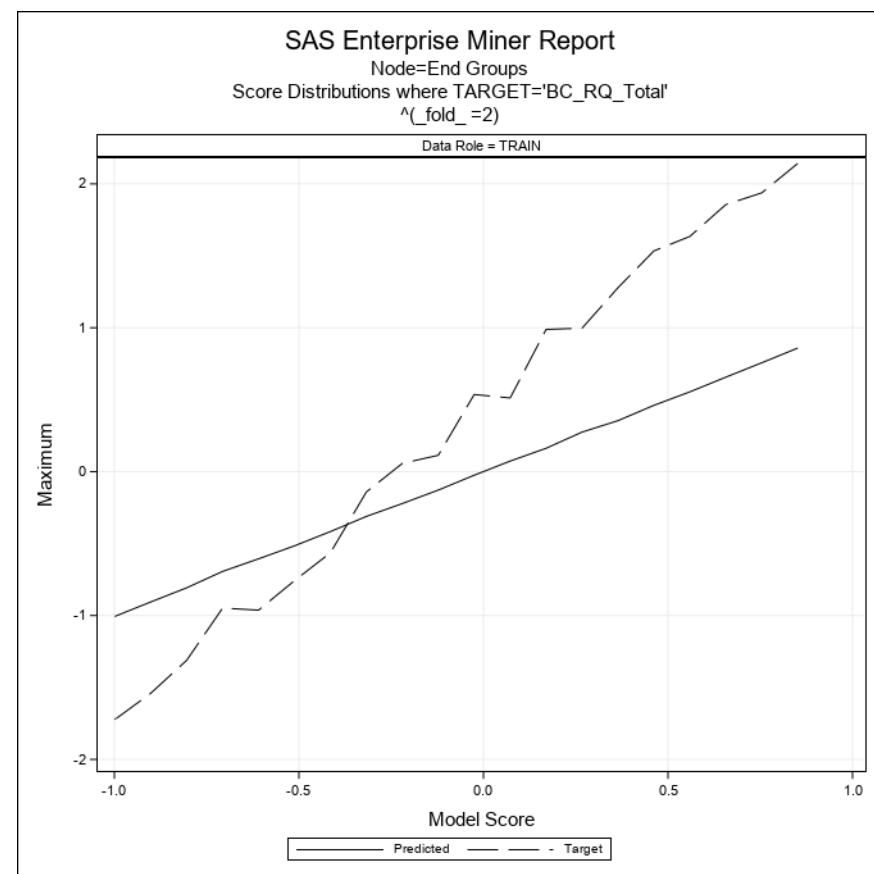
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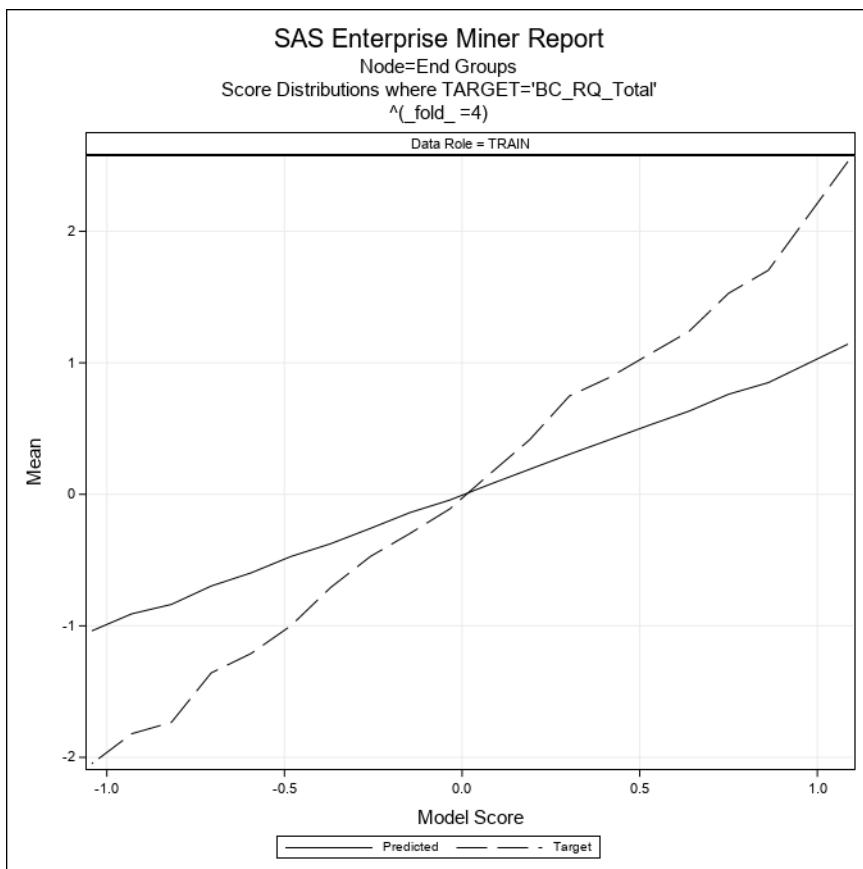
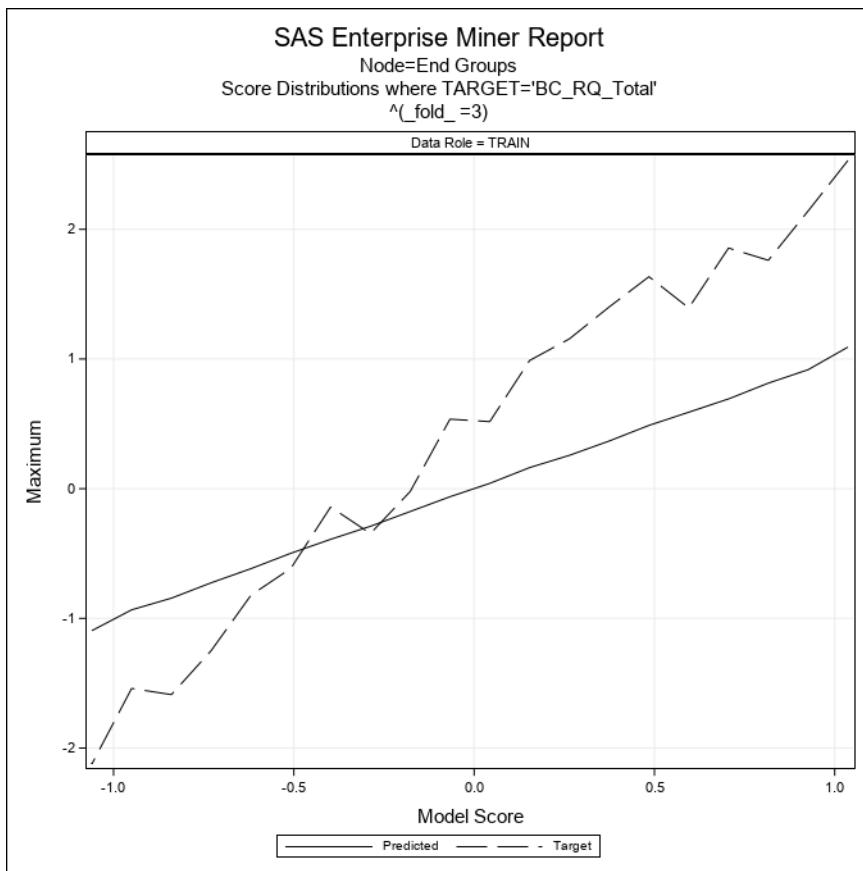
Role	Level	Frequency		Name
		Count		
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INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

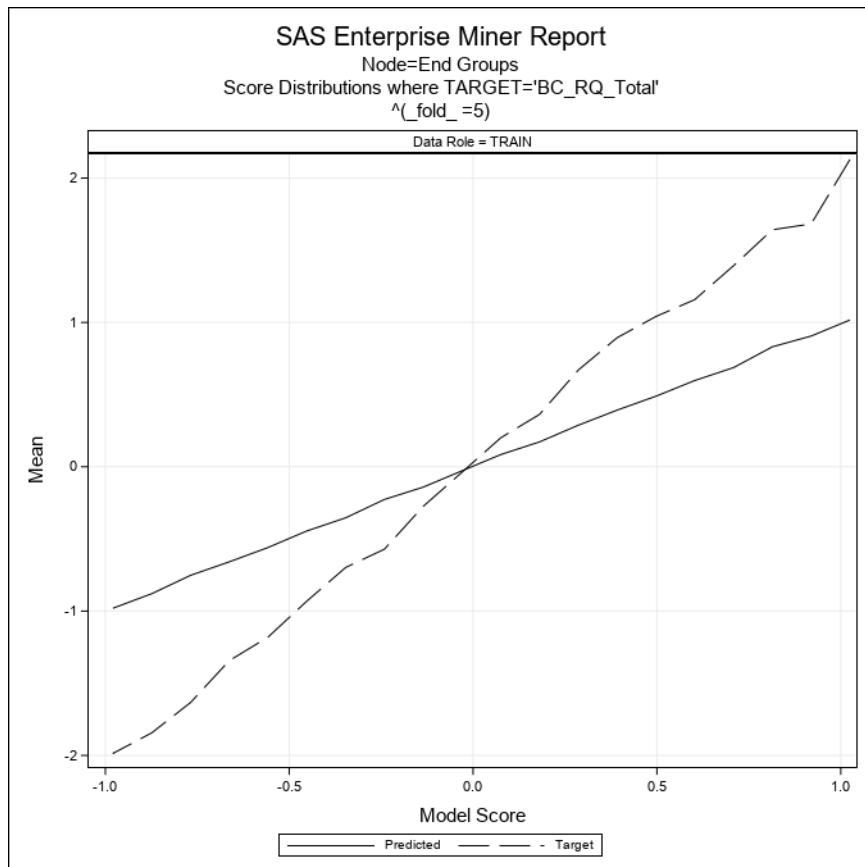
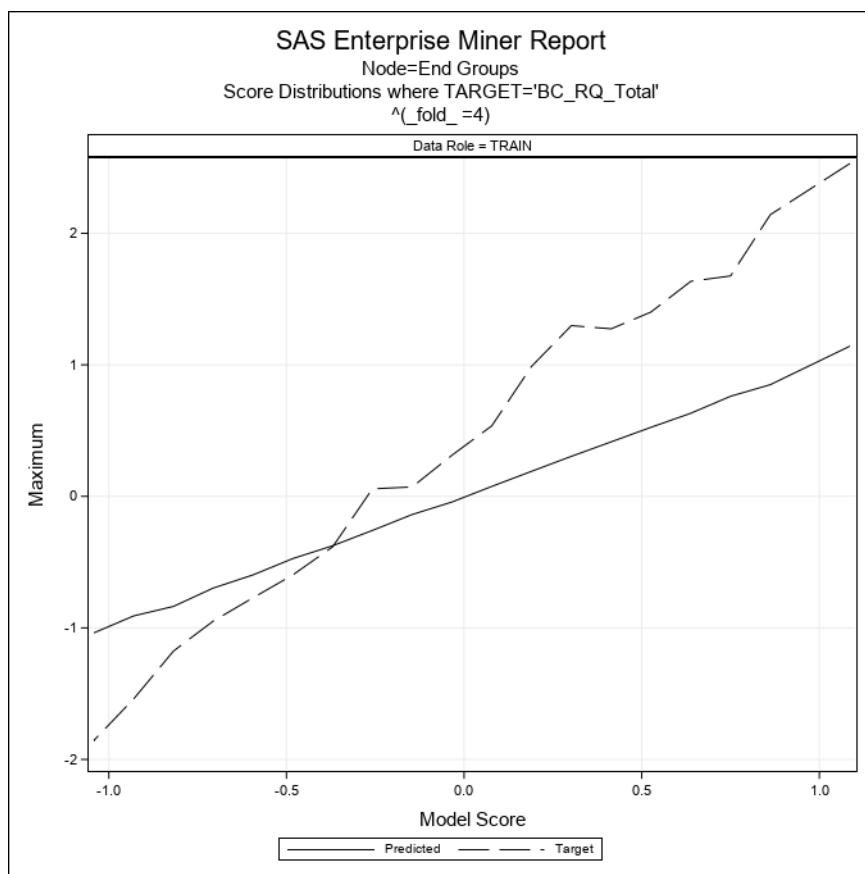
Group Index	Group	ModelId	Train: Target Variable	Train:		Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Total Degrees of Freedom		Target Label
				Sum of Case Frequencies	Times Freq							Average Squared Error	Degrees of Freedom	
1	^(fold_=1)	Boost7	BC_RQ_Total	341	341	1.41510	108.243	0.31743	0.56341	341	341	ReQuest (total score) (Box-Cox transformed)		
2	^(fold_=2)	Boost7	BC_RQ_Total	341	341	1.28328	107.082	0.31402	0.56038	341	341	ReQuest (total score) (Box-Cox transformed)		
3	^(fold_=3)	Boost7	BC_RQ_Total	339	339	1.43896	102.643	0.30278	0.55026	339	339	ReQuest (total score) (Box-Cox transformed)		
4	^(fold_=4)	Boost7	BC_RQ_Total	348	348	1.38868	103.344	0.29697	0.54495	348	348	ReQuest (total score) (Box-Cox transformed)		
5	^(fold_=5)	Boost7	BC_RQ_Total	348	348	1.45316	109.285	0.31404	0.56039	348	348	ReQuest (total score) (Box-Cox transformed)		
6	^(fold_=6)	Boost7	BC_RQ_Total	349	349	1.41135	107.291	0.30742	0.55446	349	349	ReQuest (total score) (Box-Cox transformed)		
7	^(fold_=7)	Boost7	BC_RQ_Total	351	351	1.41537	106.845	0.30440	0.55173	351	351	ReQuest (total score) (Box-Cox transformed)		
8	^(fold_=8)	Boost7	BC_RQ_Total	354	354	1.46447	102.740	0.29023	0.53873	354	354	ReQuest (total score) (Box-Cox transformed)		
9	_OVERALL_		BC_RQ_Total	393	.	2.17395	147.752	0.37596	0.61315	393	.	ReQuest (total score) (Box-Cox transformed)		

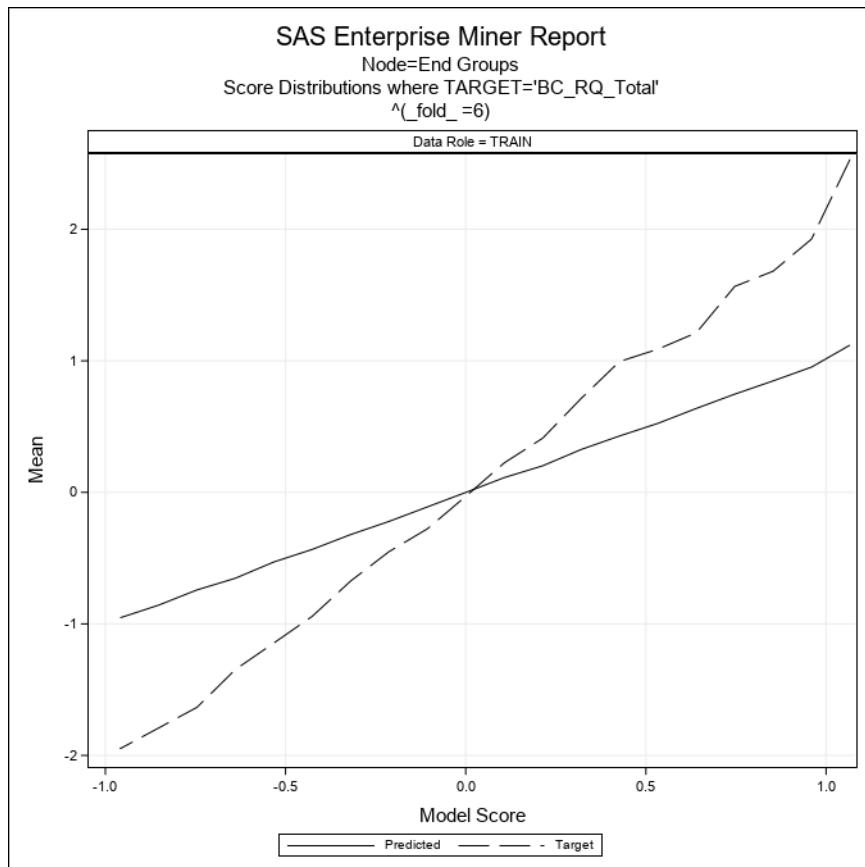


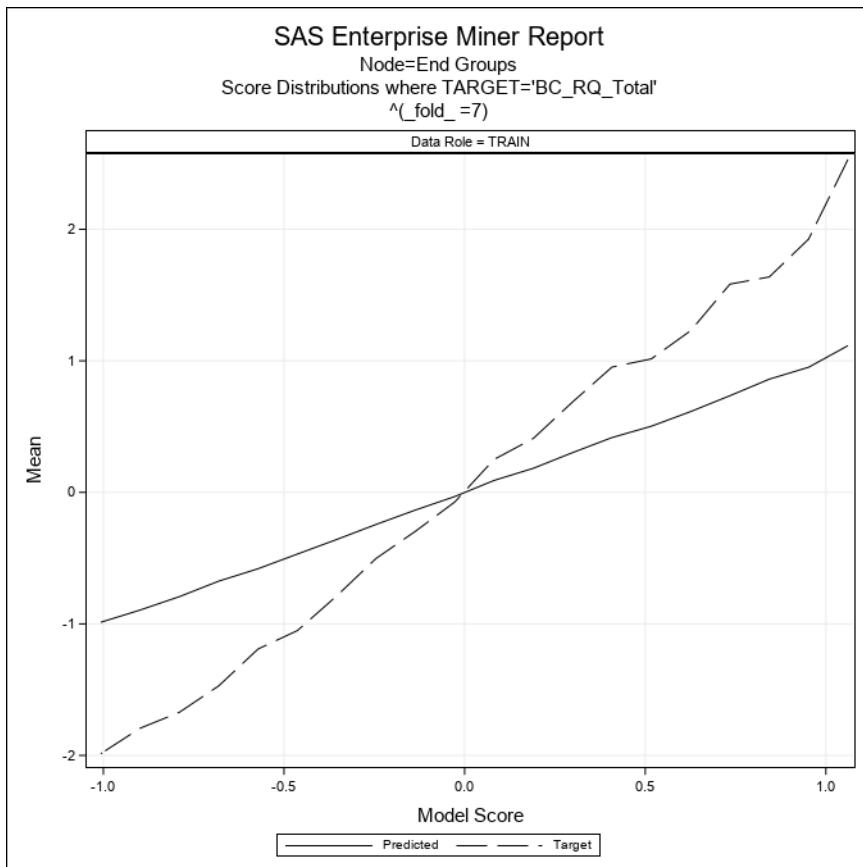
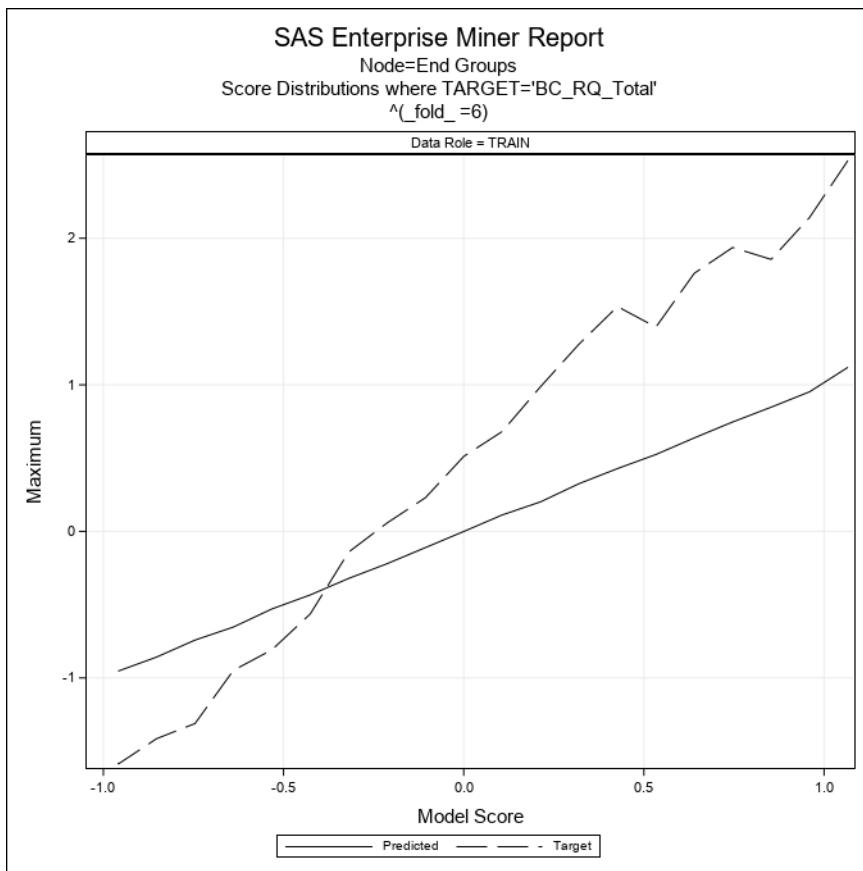


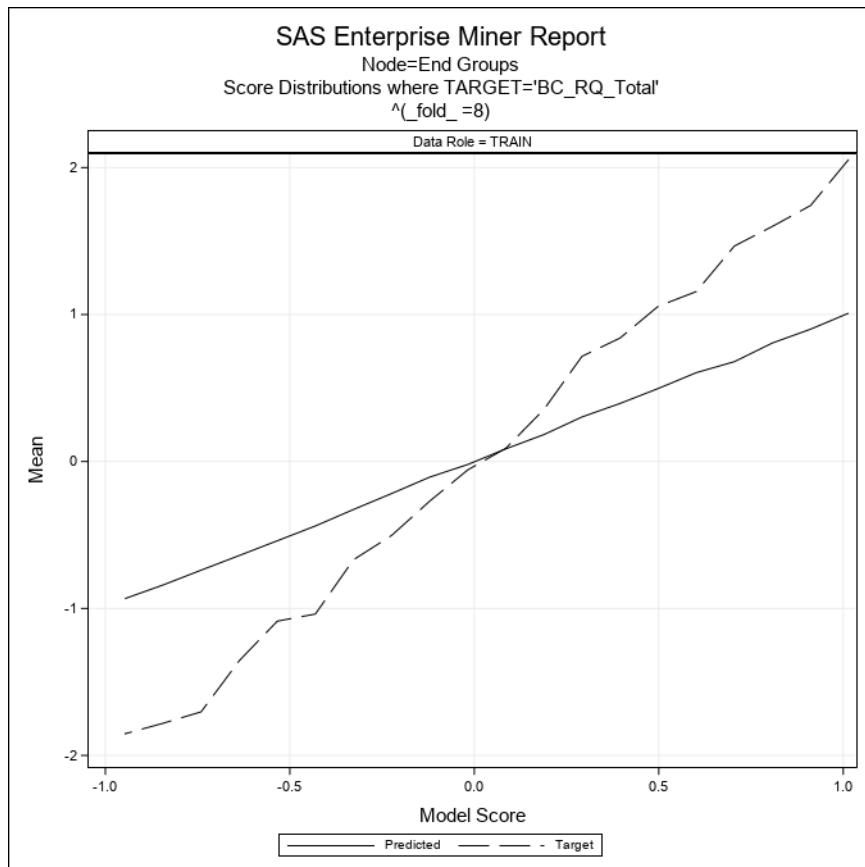
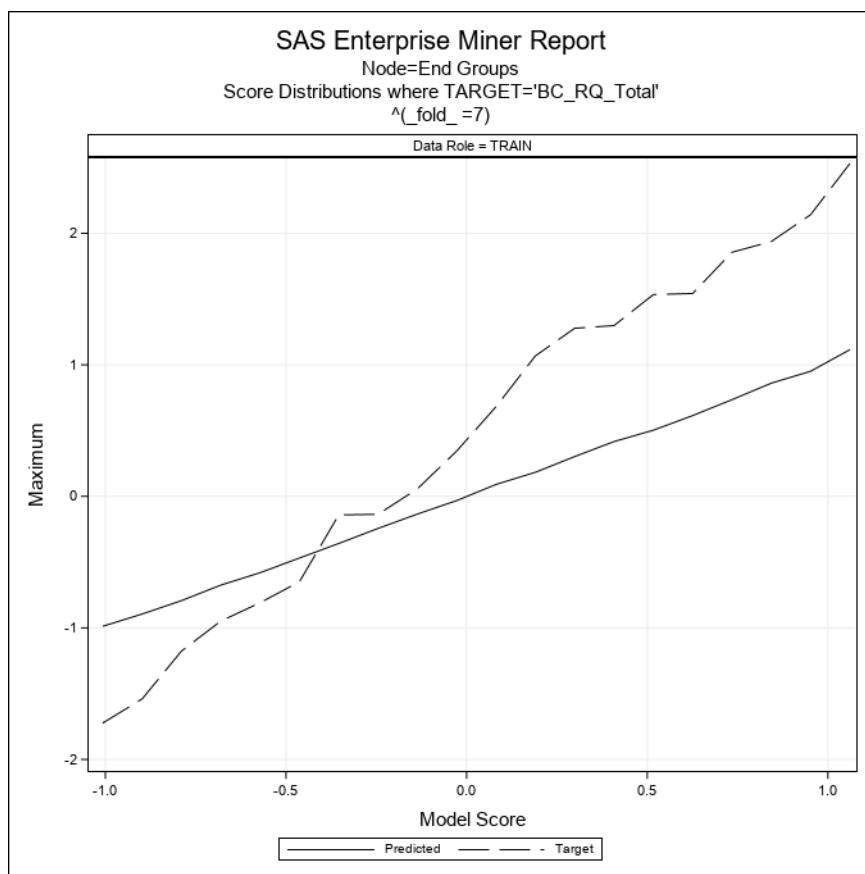


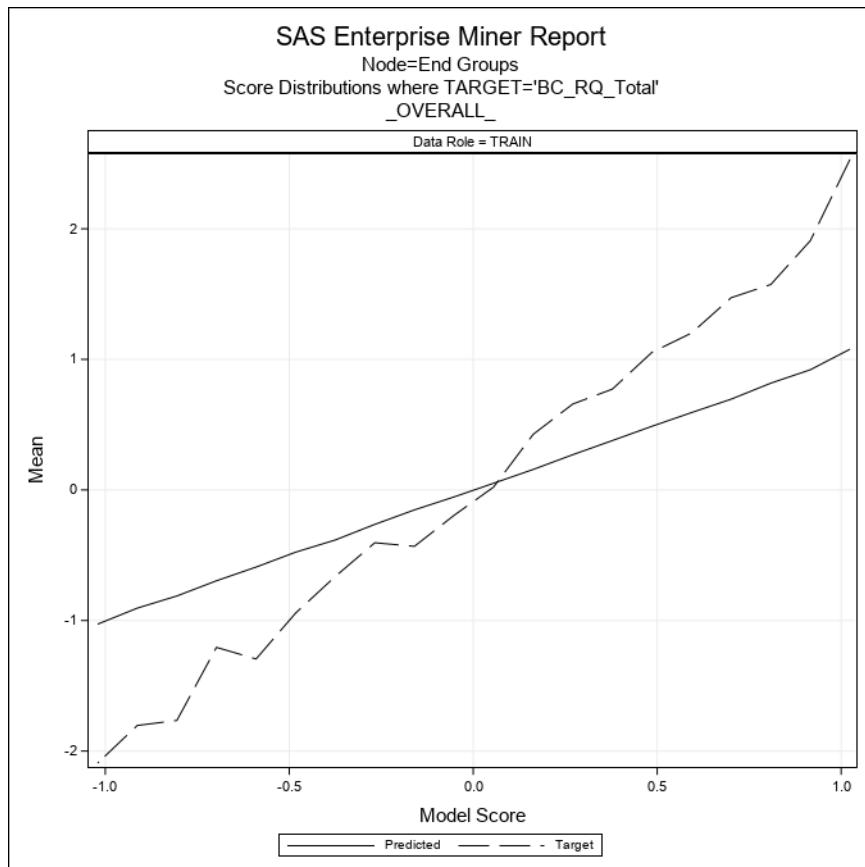
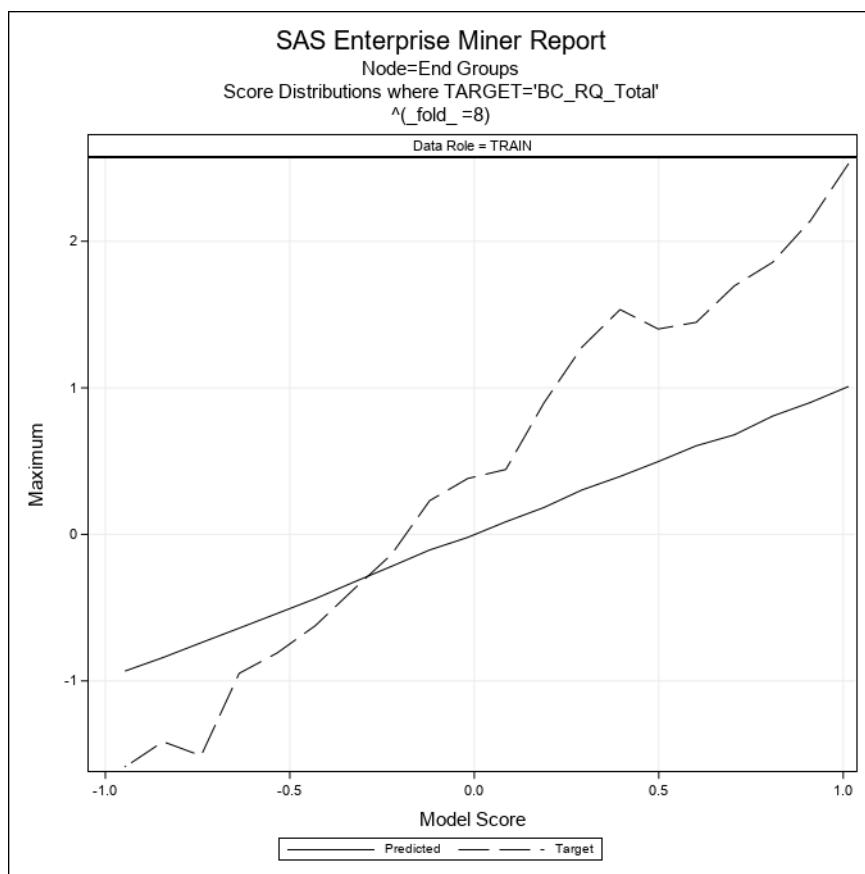


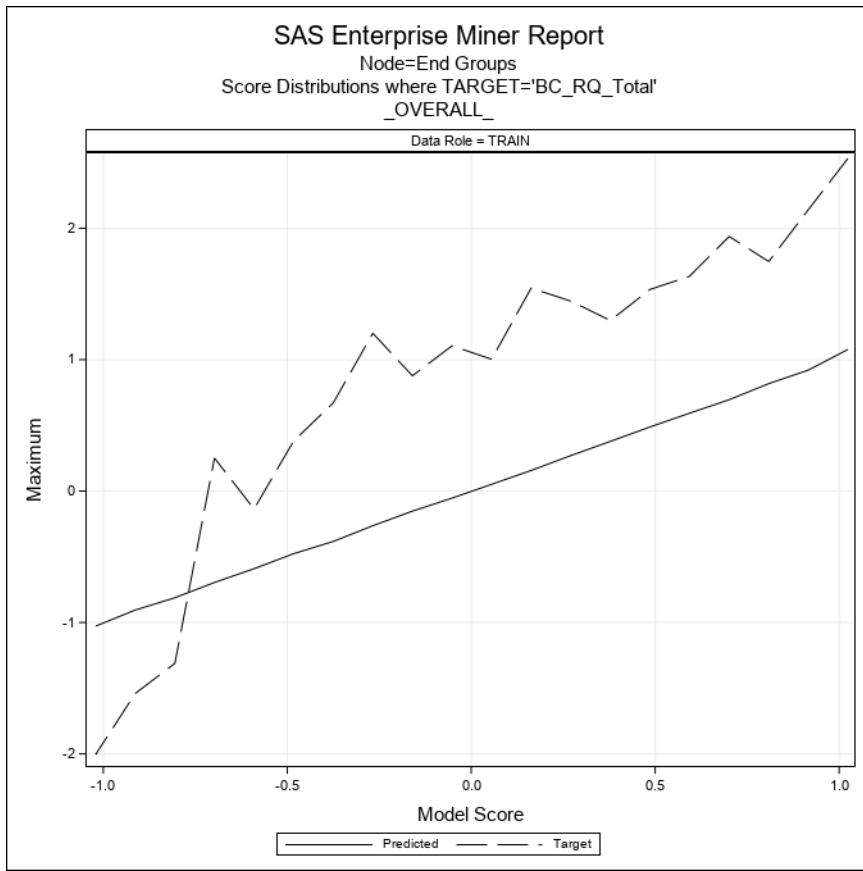












Node=End Groups Score Distributions

Group=[^](fold_=1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.009 - 1.116	1.07333	1.11570	1.03095	2.22528	2.53080	1.91976
0.902 - 1.009	0.91003	0.91647	0.90359	1.92831	2.14157	1.71506
0.796 - 0.902	0.84871	0.89589	0.81785	1.62091	1.81338	1.44435
0.689 - 0.796	0.73169	0.78064	0.69308	1.52167	1.71614	1.26278
0.582 - 0.689	0.63211	0.67902	0.58255	1.27995	1.93737	0.82445
0.475 - 0.582	0.51408	0.57998	0.47598	1.04024	1.40120	0.44077
0.369 - 0.475	0.41761	0.46326	0.37304	0.97364	1.53402	0.41807
0.262 - 0.369	0.32177	0.36163	0.26302	0.71301	1.18876	0.26486
0.155 - 0.262	0.19943	0.25958	0.15676	0.47823	1.10018	0.09819
0.049 - 0.155	0.10565	0.15382	0.04877	0.26716	0.89675	-0.10239
-0.058 - 0.049	-0.01252	0.04364	-0.05565	-0.00623	0.47402	-0.43311
-0.165 - -0.058	-0.11816	-0.05974	-0.15343	-0.24803	0.07301	-0.65958
-0.271 - -0.165	-0.21841	-0.16827	-0.25828	-0.51339	-0.13661	-0.87824
-0.378 - -0.271	-0.32258	-0.27181	-0.37742	-0.72182	-0.14129	-1.22281
-0.485 - -0.378	-0.43458	-0.38722	-0.48315	-0.97619	-0.62872	-1.44120
-0.592 - -0.485	-0.52875	-0.48491	-0.58460	-1.05200	-0.75757	-1.33329
-0.698 - -0.592	-0.64318	-0.59214	-0.69794	-1.35836	-0.96273	-1.71804
-0.805 - -0.698	-0.75234	-0.70017	-0.80214	-1.65568	-1.17661	-2.03918
-0.912 - -0.805	-0.85461	-0.81841	-0.87714	-1.89884	-1.66999	-2.12353
-1.018 - -0.912	-0.96419	-0.92236	-1.01840	-1.99331	-1.72334	-2.14837

Node=End Groups Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.803 - 0.900	0.85875	0.90012	0.82002	1.71321	2.14157	1.35740
0.705 - 0.803	0.75645	0.80117	0.71249	1.52903	1.93737	1.26278
0.608 - 0.705	0.65640	0.70160	0.60867	1.32790	1.85573	0.98677
0.511 - 0.608	0.55451	0.60440	0.51359	1.16424	1.63467	0.78645
0.413 - 0.511	0.46078	0.50632	0.41462	1.05407	1.53402	0.44077
0.316 - 0.413	0.35428	0.41103	0.31617	0.83193	1.27810	0.48509
0.218 - 0.316	0.27471	0.31207	0.22589	0.57146	0.99693	0.29246
0.121 - 0.218	0.16221	0.20669	0.12195	0.40310	0.98831	0.07866
0.024 - 0.121	0.07332	0.11236	0.02453	0.13752	0.51216	-0.10239
-0.074 - 0.024	-0.02495	0.02215	-0.07109	-0.05058	0.53607	-0.34228
-0.171 - -0.074	-0.12817	-0.07988	-0.16605	-0.32584	0.11352	-0.65958
-0.268 - -0.171	-0.22183	-0.17618	-0.26138	-0.43959	0.05719	-0.87824
-0.366 - -0.268	-0.31136	-0.27990	-0.36405	-0.64171	-0.14129	-0.95512
-0.463 - -0.366	-0.41654	-0.37167	-0.45804	-0.93341	-0.56369	-1.33329
-0.561 - -0.463	-0.51574	-0.47454	-0.55895	-1.06853	-0.75757	-1.44120
-0.658 - -0.561	-0.60601	-0.56192	-0.63267	-1.39598	-0.96273	-1.71804
-0.755 - -0.658	-0.69353	-0.65922	-0.72649	-1.38156	-0.94838	-1.98839
-0.853 - -0.755	-0.80736	-0.76000	-0.84619	-1.73808	-1.31134	-2.12003
-0.950 - -0.853	-0.90582	-0.87320	-0.93351	-1.85987	-1.54033	-2.12353
-1.048 - -0.950	-1.00620	-0.96573	-1.04754	-2.02708	-1.72334	-2.14837

Node=End Groups Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.981 - 1.092	1.09184	1.09184	1.09184	2.53080	2.53080	2.53080
0.871 - 0.981	0.91759	0.92706	0.90827	1.95824	2.14157	1.81338
0.761 - 0.871	0.81400	0.86692	0.76513	1.58407	1.76112	1.35740
0.650 - 0.761	0.69215	0.75164	0.65081	1.41542	1.85573	0.98677
0.540 - 0.650	0.58976	0.63255	0.55016	1.07888	1.39377	0.78645
0.430 - 0.540	0.48800	0.53071	0.42980	1.04406	1.63467	0.44077
0.319 - 0.430	0.36767	0.42064	0.32065	0.81641	1.40120	0.33679
0.209 - 0.319	0.25717	0.30865	0.21217	0.56350	1.15516	-0.07650
0.099 - 0.209	0.16253	0.20517	0.10342	0.37402	0.98831	-0.03609
-0.012 - 0.099	0.04111	0.09507	-0.00631	0.10380	0.51716	-0.34228
-0.122 - -0.012	-0.06206	-0.01459	-0.11396	-0.12819	0.53607	-0.45401
-0.233 - -0.122	-0.17592	-0.12748	-0.22849	-0.36972	-0.02176	-0.71719
-0.343 - -0.233	-0.28999	-0.23834	-0.34274	-0.54067	-0.34565	-0.87824
-0.453 - -0.343	-0.39047	-0.34804	-0.44268	-0.80736	-0.14129	-1.44120
-0.564 - -0.453	-0.49809	-0.45646	-0.55786	-1.06571	-0.61466	-1.45147
-0.674 - -0.564	-0.61644	-0.56596	-0.67254	-1.24037	-0.82095	-1.77371
-0.784 - -0.674	-0.72544	-0.67728	-0.77325	-1.50727	-1.24826	-2.12003
-0.895 - -0.784	-0.84409	-0.78760	-0.88842	-1.75444	-1.58791	-2.12353
-1.005 - -0.895	-0.93408	-0.89681	-0.98044	-1.87830	-1.54033	-2.12003
-1.115 - -1.005	-1.09493	-1.07446	-1.11540	-2.13595	-2.12353	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.030 - 1.142	1.14212	1.14212	1.14212	2.53080	2.53080	2.53080
0.806 - 0.918	0.84922	0.91113	0.81791	1.70358	2.14157	1.42447
0.694 - 0.806	0.76086	0.80505	0.70061	1.52855	1.67589	1.35740
0.582 - 0.694	0.63167	0.69226	0.58761	1.23752	1.63467	0.98677
0.470 - 0.582	0.52492	0.57708	0.47391	1.06333	1.40120	0.44077
0.358 - 0.470	0.41422	0.46664	0.35990	0.88765	1.27377	0.41807
0.246 - 0.358	0.30437	0.35531	0.25308	0.74737	1.29809	0.33679
0.134 - 0.246	0.19033	0.24418	0.13702	0.41441	0.98831	-0.07650
0.022 - 0.134	0.07559	0.13328	0.02265	0.15495	0.53607	-0.17792
-0.090 - 0.022	-0.04292	0.00714	-0.08321	-0.10995	0.31280	-0.45401
-0.202 - -0.090	-0.13818	-0.09050	-0.19965	-0.29653	0.07159	-0.65958
-0.314 - -0.202	-0.25903	-0.20346	-0.31219	-0.47247	0.05719	-0.88221
-0.426 - -0.314	-0.37569	-0.31519	-0.42525	-0.70877	-0.38404	-1.11233
-0.538 - -0.426	-0.47302	-0.43027	-0.52213	-0.99978	-0.59748	-1.44120
-0.650 - -0.538	-0.59734	-0.54093	-0.64892	-1.21051	-0.77132	-1.71804
-0.762 - -0.650	-0.69725	-0.65811	-0.75091	-1.35776	-0.94838	-1.61674
-0.874 - -0.762	-0.83690	-0.79044	-0.87294	-1.73363	-1.17661	-2.12353
-0.986 - -0.874	-0.90902	-0.87726	-0.98351	-1.82058	-1.54033	-2.12003
-1.098 - -0.986	-1.03819	-0.99317	-1.09822	-2.04896	-1.85583	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.972 - 1.078	1.01707	1.07764	0.98552	2.12914	2.53080	1.71506
0.867 - 0.972	0.90560	0.97208	0.87081	1.68269	1.91976	1.49995
0.761 - 0.867	0.83114	0.86592	0.77086	1.64215	1.93737	1.35740
0.656 - 0.761	0.68703	0.73855	0.65805	1.39300	1.67589	0.98677
0.550 - 0.656	0.59759	0.65219	0.55838	1.15822	1.39377	0.78645
0.445 - 0.550	0.48880	0.53419	0.45327	1.04142	1.28937	0.68366
0.339 - 0.445	0.39257	0.44267	0.34186	0.89444	1.53402	0.41807
0.234 - 0.339	0.28815	0.32620	0.23881	0.67058	1.14395	0.29246
0.128 - 0.234	0.17247	0.22680	0.13057	0.36329	1.27810	-0.07723
0.023 - 0.128	0.08463	0.12431	0.02710	0.20078	0.68168	-0.21219
-0.083 - 0.023	-0.02805	0.02085	-0.07921	-0.03773	0.51216	-0.45401
-0.188 - -0.083	-0.14107	-0.08547	-0.17666	-0.27440	0.38121	-0.65958
-0.294 - -0.188	-0.22651	-0.18954	-0.29171	-0.57104	-0.38093	-0.77931
-0.399 - -0.294	-0.35388	-0.30355	-0.39889	-0.69797	-0.14129	-1.11233
-0.505 - -0.399	-0.44484	-0.40694	-0.49719	-0.93107	-0.55186	-1.44120
-0.610 - -0.505	-0.55944	-0.50654	-0.60722	-1.18032	-0.80863	-1.71804
-0.716 - -0.610	-0.65876	-0.62166	-0.71337	-1.34360	-0.94838	-1.71630
-0.821 - -0.716	-0.75256	-0.72810	-0.79119	-1.63417	-1.31134	-2.12353
-0.927 - -0.821	-0.87983	-0.82153	-0.92671	-1.84400	-1.58791	-2.12003
-1.032 - -0.927	-0.98044	-0.93074	-1.03230	-1.98645	-1.54033	-2.14837

Node=End Groups Score Distributions

Group=_fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.013 - 1.119	1.11945	1.11945	1.11945	2.53080	2.53080	2.53080
0.906 - 1.013	0.95220	1.00240	0.91632	1.92546	2.14157	1.71506
0.800 - 0.906	0.84743	0.90096	0.80516	1.68129	1.85573	1.35740
0.693 - 0.800	0.74659	0.79136	0.71243	1.56568	1.93737	1.39090
0.587 - 0.693	0.63800	0.66433	0.58735	1.21320	1.76112	0.98677
0.480 - 0.587	0.52452	0.58138	0.48091	1.08857	1.39377	0.68366
0.373 - 0.480	0.42844	0.47224	0.37397	0.99478	1.53402	0.44077
0.267 - 0.373	0.32571	0.37179	0.28644	0.71313	1.27810	0.29246
0.160 - 0.267	0.20179	0.25780	0.16043	0.41161	0.98831	-0.07650
0.054 - 0.160	0.11219	0.15955	0.05565	0.22414	0.68168	-0.20754
-0.053 - 0.054	-0.00045	0.04630	-0.05286	-0.02970	0.51216	-0.34228
-0.159 - -0.053	-0.11057	-0.05452	-0.15922	-0.277702	0.22991	-0.87824
-0.266 - -0.159	-0.22079	-0.15975	-0.26327	-0.45069	0.05719	-0.88221
-0.373 - -0.266	-0.32108	-0.26850	-0.36377	-0.67426	-0.14129	-1.18976
-0.479 - -0.373	-0.43375	-0.39265	-0.47639	-0.94246	-0.56369	-1.44120
-0.586 - -0.479	-0.52942	-0.48268	-0.57904	-1.14560	-0.80863	-1.60749
-0.692 - -0.586	-0.65285	-0.60138	-0.69167	-1.34674	-0.94838	-1.71804
-0.799 - -0.692	-0.74178	-0.71229	-0.77362	-1.63424	-1.31134	-1.98839
-0.906 - -0.799	-0.85773	-0.80073	-0.90229	-1.79164	-1.41445	-2.12003
-1.012 - -0.906	-0.95350	-0.92063	-1.01211	-1.94870	-1.58791	-2.14837

Node=End Groups Score Distributions

Group=_fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.007 - 1.115	1.11543	1.11543	1.11543	2.53080	2.53080	2.53080
0.898 - 1.007	0.95098	0.98283	0.92498	1.92546	2.14157	1.71506
0.789 - 0.898	0.86054	0.88281	0.81605	1.63782	1.93737	1.35740
0.680 - 0.789	0.73485	0.78143	0.68045	1.58319	1.85573	1.39090
0.571 - 0.680	0.61414	0.67659	0.57167	1.22914	1.54226	0.98677
0.462 - 0.571	0.50279	0.56546	0.46437	1.01479	1.53402	0.44077
0.354 - 0.462	0.41639	0.46020	0.36415	0.95225	1.29809	0.41807
0.245 - 0.354	0.30242	0.34499	0.24634	0.68792	1.27810	0.33679
0.136 - 0.245	0.18288	0.24224	0.13870	0.41016	1.06762	-0.07650
0.027 - 0.136	0.09052	0.13557	0.03068	0.25004	0.68168	-0.09493
-0.082 - 0.027	-0.03213	0.02381	-0.08172	-0.07368	0.34447	-0.41118
-0.191 - -0.082	-0.13460	-0.08633	-0.18911	-0.29612	0.05719	-0.65958
-0.300 - -0.191	-0.24394	-0.20176	-0.29798	-0.50250	-0.13661	-0.77931
-0.408 - -0.300	-0.35831	-0.30366	-0.40332	-0.78734	-0.14129	-1.44120
-0.517 - -0.408	-0.46898	-0.41615	-0.51669	-1.05099	-0.64981	-1.33329
-0.626 - -0.517	-0.58074	-0.52492	-0.62607	-1.19084	-0.80863	-1.60749
-0.735 - -0.626	-0.67491	-0.63643	-0.71331	-1.47113	-0.94838	-1.71804
-0.844 - -0.735	-0.79285	-0.74488	-0.84003	-1.67199	-1.17661	-2.12353
-0.953 - -0.844	-0.89477	-0.85032	-0.95248	-1.79344	-1.54033	-2.12003
-1.062 - -0.953	-0.98770	-0.95478	-1.06151	-1.98656	-1.72334	-2.12353

Node=End Groups Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.963 - 1.066	1.00957	1.06633	0.96515	2.05521	2.53080	1.71506
0.860 - 0.963	0.90034	0.95030	0.86064	1.74197	2.14157	1.48934
0.757 - 0.860	0.80661	0.85900	0.75738	1.60011	1.85573	1.42447
0.653 - 0.757	0.67935	0.72436	0.65672	1.46624	1.69572	1.17010
0.550 - 0.653	0.60447	0.64982	0.55835	1.15628	1.44711	0.78645
0.447 - 0.550	0.49668	0.54687	0.45001	1.05623	1.40120	0.44077
0.344 - 0.447	0.39515	0.44188	0.34485	0.84035	1.53402	0.33679
0.240 - 0.344	0.30319	0.34091	0.24307	0.71568	1.27810	0.26486
0.137 - 0.240	0.18316	0.23743	0.13723	0.35444	0.89675	-0.07650
0.034 - 0.137	0.08607	0.13527	0.03397	0.09017	0.44271	-0.19093
-0.069 - 0.034	-0.02055	0.03259	-0.06533	-0.05740	0.38121	-0.45401
-0.173 - -0.069	-0.10650	-0.07505	-0.17193	-0.27010	0.22991	-0.71719
-0.276 - -0.173	-0.21823	-0.17472	-0.27323	-0.50362	-0.13661	-0.87824
-0.379 - -0.276	-0.32668	-0.28298	-0.37754	-0.66847	-0.37628	-0.95512
-0.482 - -0.379	-0.43885	-0.38928	-0.47997	-1.03792	-0.62275	-1.44120
-0.586 - -0.482	-0.53949	-0.49366	-0.58075	-1.08656	-0.80863	-1.37563
-0.689 - -0.586	-0.63992	-0.59243	-0.68343	-1.35610	-0.94838	-1.71804
-0.792 - -0.689	-0.73954	-0.69310	-0.77164	-1.70358	-1.51040	-1.98839
-0.895 - -0.792	-0.84044	-0.79305	-0.87989	-1.78147	-1.41445	-2.12353
-0.999 - -0.895	-0.93304	-0.89632	-0.99861	-1.85296	-1.58791	-2.12003

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.970 - 1.078	1.07764	1.07764	1.07764	2.53080	2.53080	2.53080
0.862 - 0.970	0.92037	0.96515	0.87547	1.90896	2.14157	1.76112
0.755 - 0.862	0.81760	0.85607	0.76513	1.57307	1.74649	1.35740
0.647 - 0.755	0.69510	0.75164	0.65672	1.47221	1.93737	1.01263
0.540 - 0.647	0.59247	0.64382	0.54275	1.20165	1.63467	0.98677
0.432 - 0.540	0.48751	0.53071	0.43596	1.05414	1.53402	0.44077
0.324 - 0.432	0.37805	0.42901	0.32572	0.77218	1.29809	-0.10239
0.217 - 0.324	0.26987	0.31803	0.21689	0.65793	1.44516	-0.07650
0.109 - 0.217	0.15675	0.20946	0.10984	0.42576	1.54488	-0.03736
0.002 - 0.109	0.05127	0.10911	0.00398	0.02185	1.00318	-1.45147
-0.106 - 0.002	-0.05381	0.00138	-0.10369	-0.19493	1.10521	-1.69512
-0.214 - -0.106	-0.15288	-0.10780	-0.21108	-0.43197	0.87701	-1.77371
-0.321 - -0.214	-0.26385	-0.21834	-0.32014	-0.40459	1.20060	-1.03519
-0.429 - -0.321	-0.38344	-0.32361	-0.42525	-0.66307	0.67053	-1.22281
-0.536 - -0.429	-0.47666	-0.44036	-0.53223	-0.94304	0.38121	-1.44120
-0.644 - -0.536	-0.59106	-0.54236	-0.62166	-1.29482	-0.13661	-2.11306
-0.752 - -0.644	-0.69570	-0.65550	-0.73764	-1.20550	0.25085	-1.98839
-0.859 - -0.752	-0.81222	-0.75722	-0.85408	-1.76551	-1.31134	-2.12003
-0.967 - -0.859	-0.90529	-0.87017	-0.94622	-1.80388	-1.54033	-2.12353
-1.074 - -0.967	-1.02785	-0.97677	-1.07446	-2.09197	-2.00400	-2.14837

Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	345
2	^(fold_=2)	338
3	^(fold_=3)	338
4	^(fold_=4)	350
5	^(fold_=5)	344
6	^(fold_=6)	349
7	^(fold_=7)	338
8	^(fold_=8)	349

SAS Enterprise Miner Report

Node=HP Neural one layer Summary

Node id = HPNNA3
 Node label = HP Neural one layer
 Meta path = Ids => Trans => Grp3 => HPNNA3
 Notes =

Node=HP Neural one layer Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	HPDMNeural		MAXITER	300		TargetActivation	IDENTITY	
ARCHITECTURE	LAYER1		MAXLINKS	1000		TargetError	NORMAL	
DIRECTCONN	N		MISSASLVL	N		TargetStd	NONE	RANGE
HIDDEN	4	3	NUMTRIES	2		ToolType	MODEL	
HIDDENLAYERS	3		OPTMETHOD	LBFGS		USEINVERSE	N	
InputStd	RANGE		TableEditor			USEVALID	N	

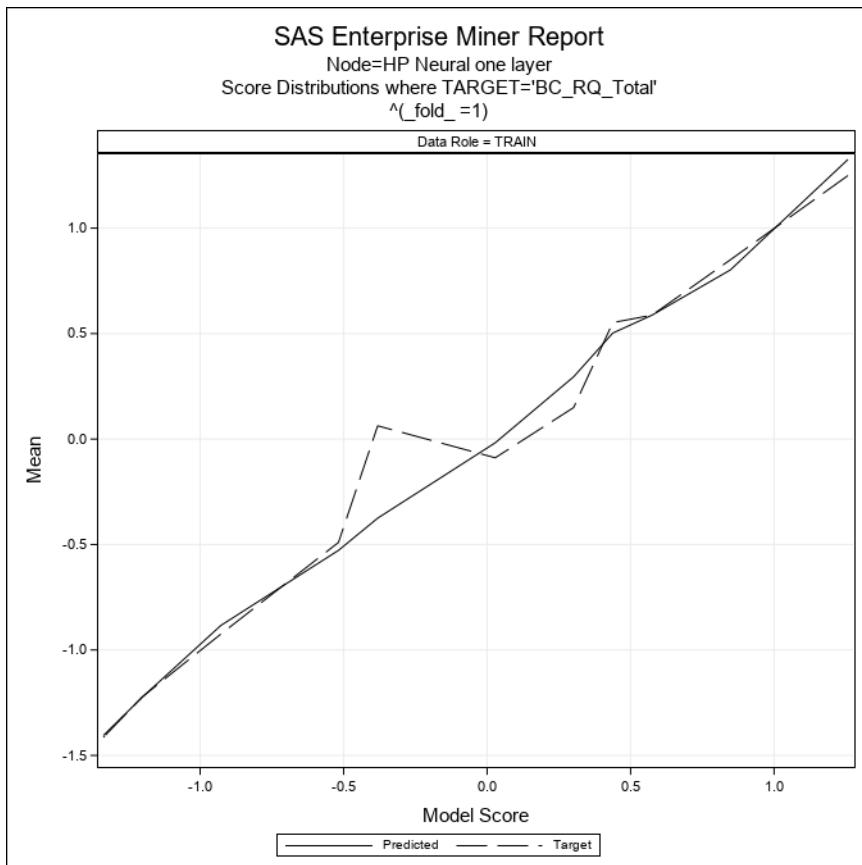
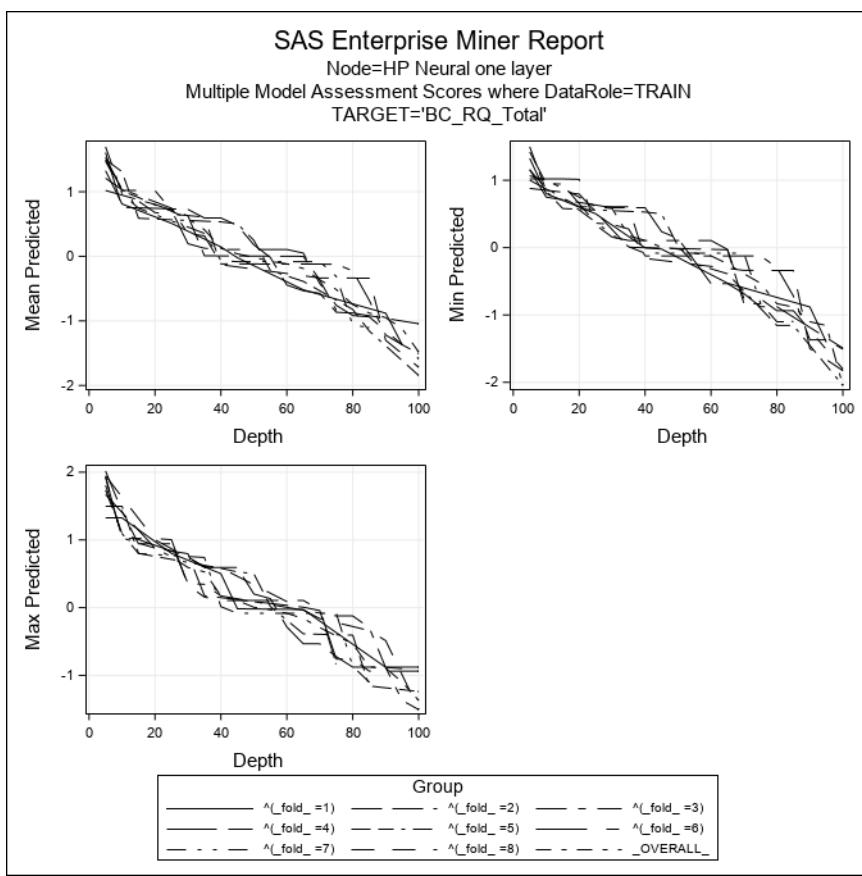
Node=HP Neural one layer Variable Summary

Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

Node=HP Neural one layer Created Variables Summary

Role	Level	Frequency		Name
		Count		
RESIDUAL	INTERVAL	1	R_BC_RQ_Total	
PREDICT	INTERVAL	1	P_BC_RQ_Total	
INPUT	INTERVAL	1	_XVAL_	
ASSESS	NOMINAL	1	_WARN_	

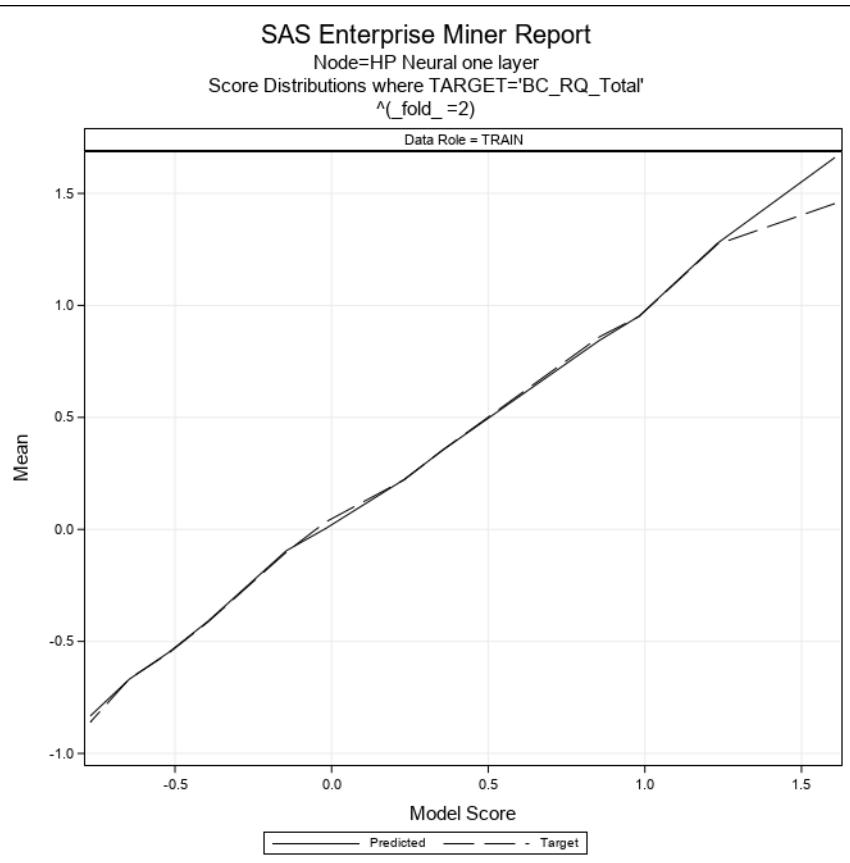
Group Index	Group	Train: Target Variable	Train: Average Squared Error	Train: Divisor for ASE	Train: Maximum Absolute Error	Train: Sum of Frequencies	Train: Root Average Squared Error			Train: Sum of Squared Errors	Train: Target Label
							Train: Root Average Squared Error	Train: Sum of Squared Errors	Train: Target Label		
1	^(fold_=1)	BC_RQ_Total	0.47221	342	2.13459	342	0.68717	161.495	ReQuest (total score) (Box-Cox transformed)		
2	^(fold_=2)	BC_RQ_Total	0.46695	331	2.21276	331	0.68334	154.561	ReQuest (total score) (Box-Cox transformed)		
3	^(fold_=3)	BC_RQ_Total	0.37410	346	2.02614	346	0.61164	129.440	ReQuest (total score) (Box-Cox transformed)		
4	^(fold_=4)	BC_RQ_Total	0.38420	350	2.08292	350	0.61984	134.471	ReQuest (total score) (Box-Cox transformed)		
5	^(fold_=5)	BC_RQ_Total	0.33198	347	2.05944	347	0.57618	115.197	ReQuest (total score) (Box-Cox transformed)		
6	^(fold_=6)	BC_RQ_Total	0.37056	348	2.09288	348	0.60874	128.955	ReQuest (total score) (Box-Cox transformed)		
7	^(fold_=7)	BC_RQ_Total	0.37988	335	2.25580	335	0.61634	127.260	ReQuest (total score) (Box-Cox transformed)		
8	^(fold_=8)	BC_RQ_Total	0.40029	333	1.82783	333	0.63268	133.296	ReQuest (total score) (Box-Cox transformed)		
9	_OVERALL_	BC_RQ_Total	0.45061	393	3.51123	393	0.67127	177.089	ReQuest (total score) (Box-Cox transformed)		

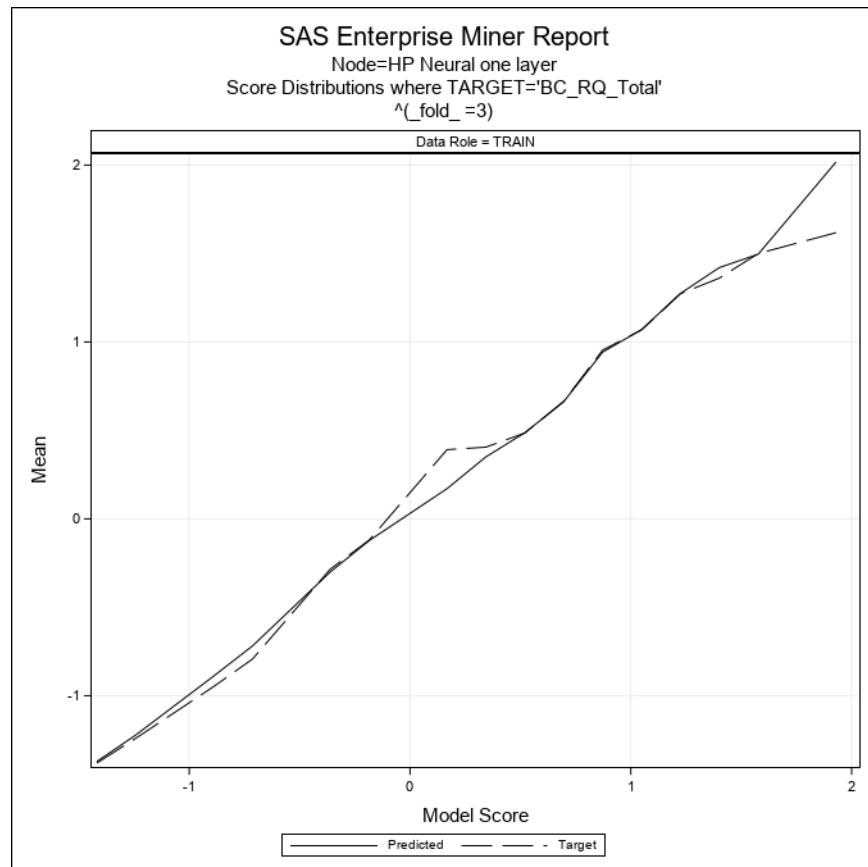
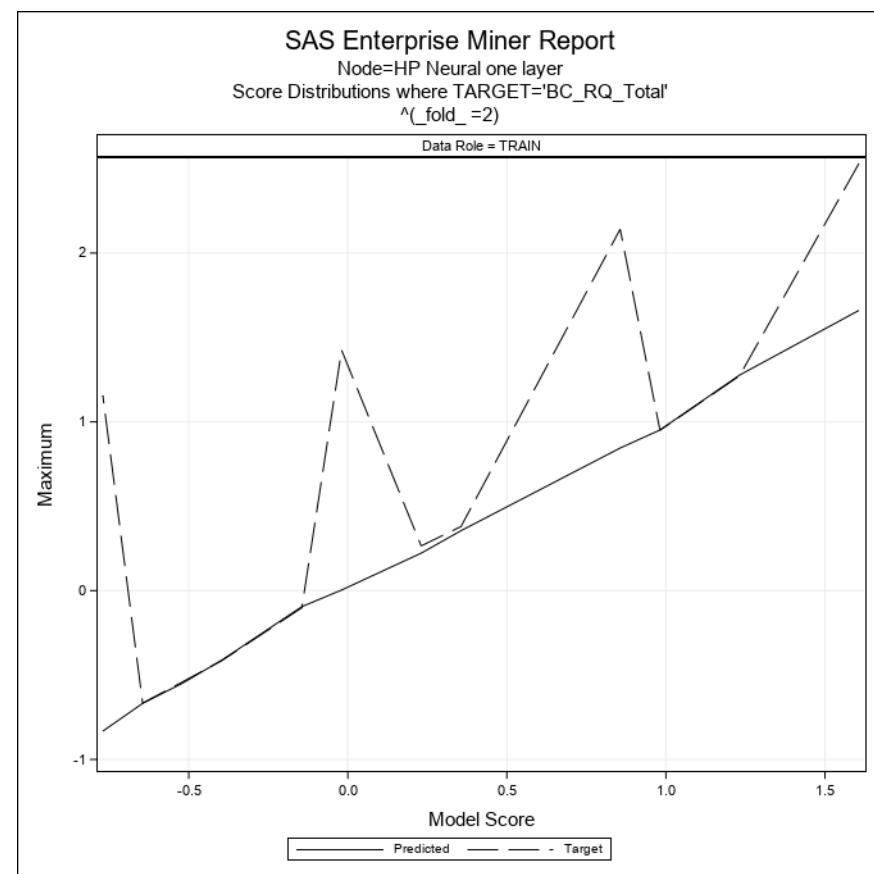


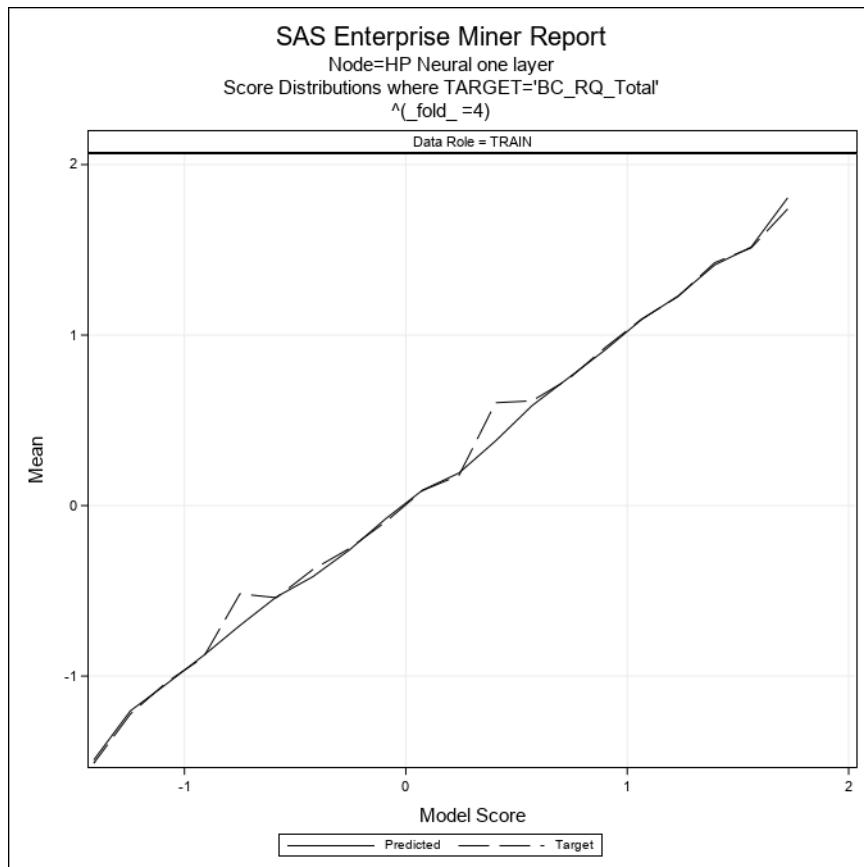
SAS Enterprise Miner Report
 Node=HP Neural one layer
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}1)$

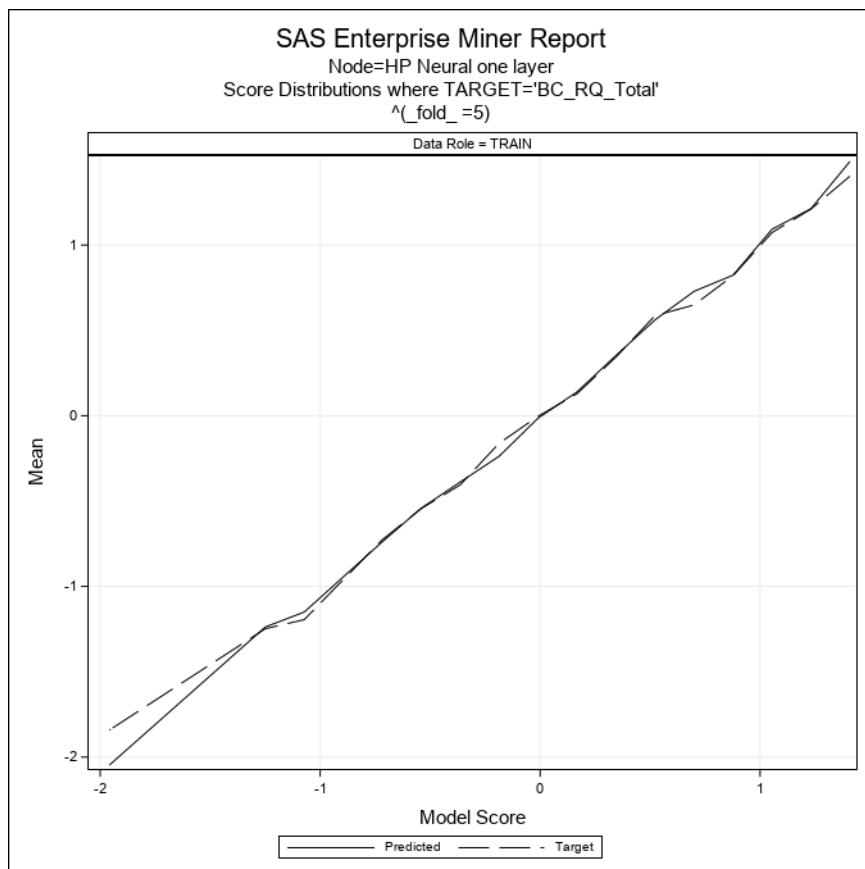
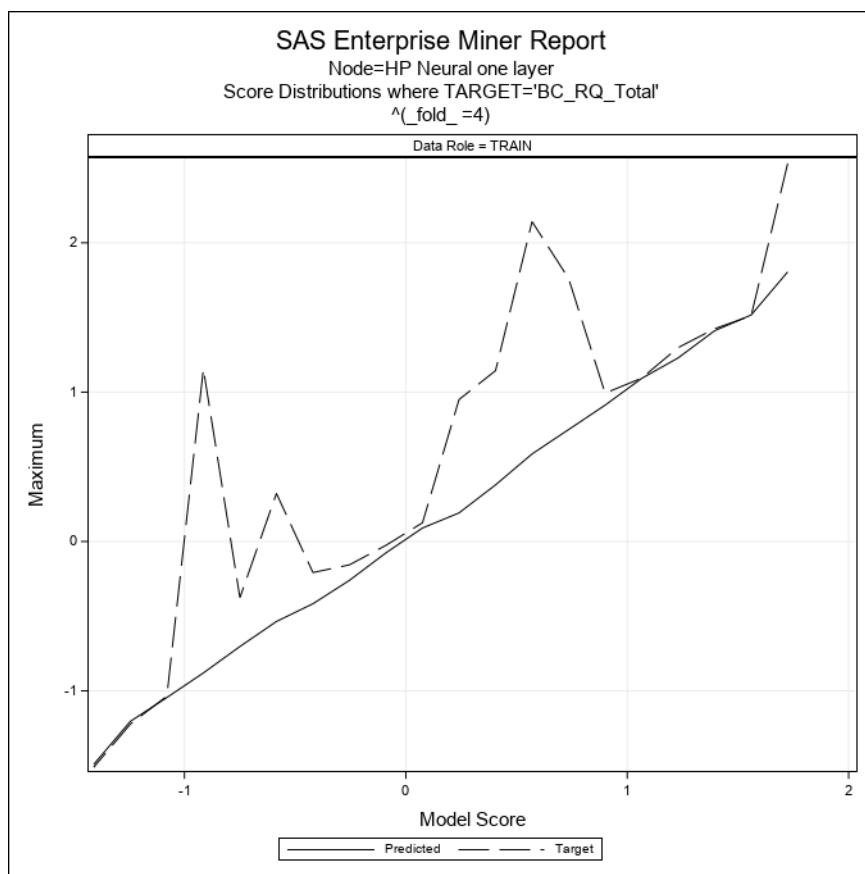


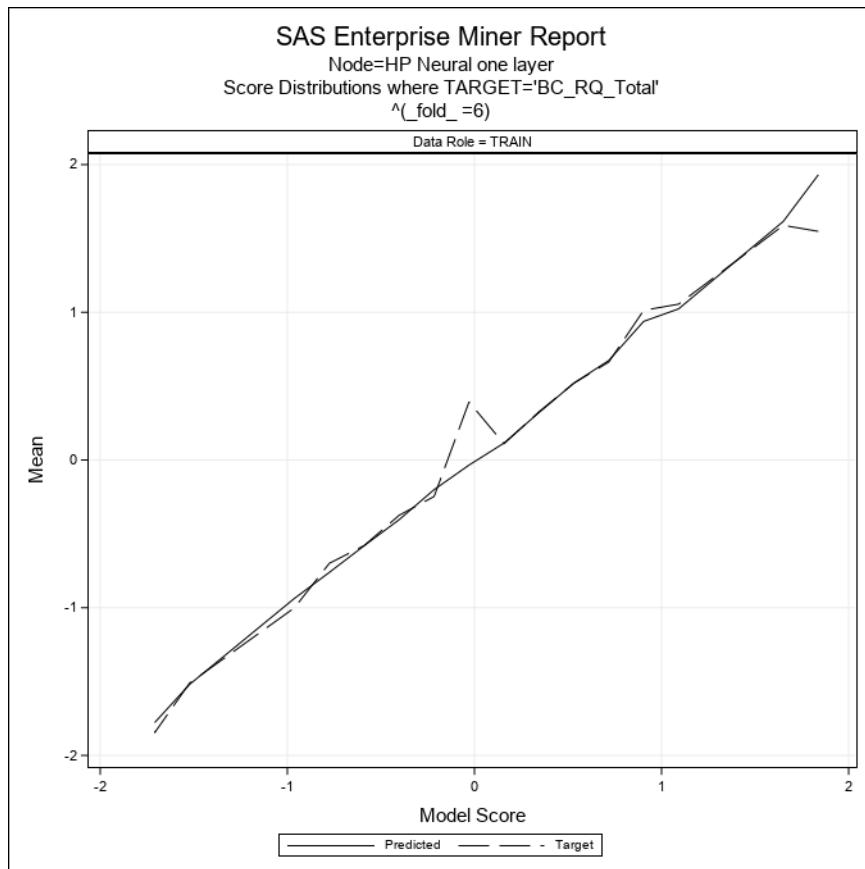
SAS Enterprise Miner Report
 Node=HP Neural one layer
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}2)$

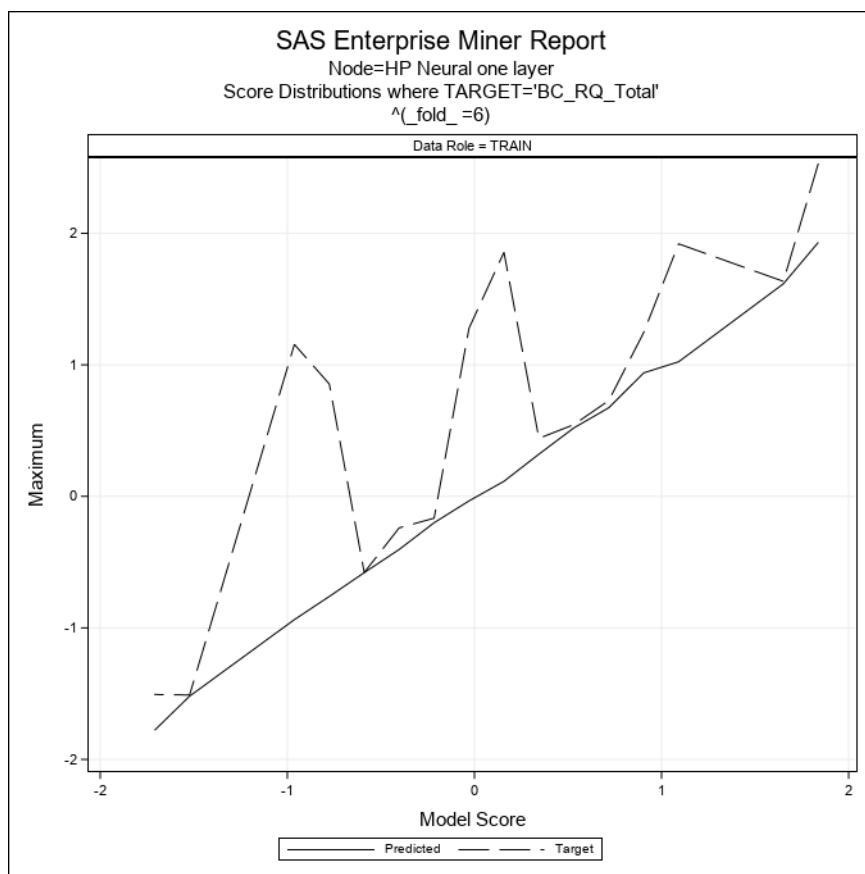


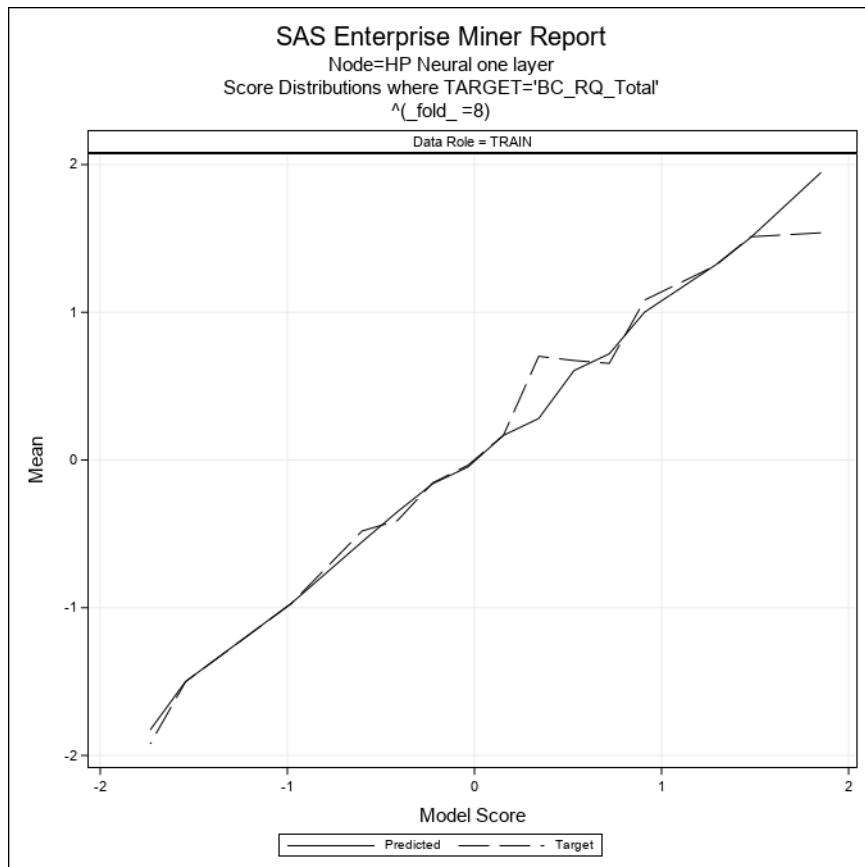












SAS Enterprise Miner Report
 Node=HP Neural one layer
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}8)$



SAS Enterprise Miner Report
 Node=HP Neural one layer
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}8)$
 OVERALL





Node=HP Neural one layer **Score Distributions**

Group=[^](fold_=1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.189 - 1.326	1.32559	1.32559	1.32559	1.24937	2.53080	0.33679
0.779 - 0.916	0.80191	0.81950	0.80130	0.85000	2.14157	-1.33329
0.506 - 0.643	0.58746	0.58746	0.58746	0.58742	0.58742	0.58742
0.370 - 0.506	0.50258	0.50261	0.50124	0.55224	1.53402	-0.71719
0.233 - 0.370	0.29521	0.29521	0.29521	0.14932	1.08830	-1.22281
-0.040 - 0.097	-0.01771	0.08154	-0.02717	-0.08873	1.20060	-1.45147
-0.450 - -0.313	-0.37506	-0.37506	-0.37506	0.06274	0.47113	-0.34565
-0.586 - -0.450	-0.52771	-0.52237	-0.52778	-0.49007	1.15516	-2.14837
-0.996 - -0.859	-0.88358	-0.88115	-0.89936	-0.92444	0.68168	-2.12353
-1.269 - -1.132	-1.22272	-1.22272	-1.22272	-1.22141	-1.22141	-1.22141
-1.405 - -1.269	-1.40545	-1.40545	-1.41424	0.07301	-2.12353	

Node=HP Neural one layer **Score Distributions**

Group=[^](fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.544 - 1.669	1.66039	1.66928	1.58333	1.45482	2.53080	0.63880
1.169 - 1.294	1.27700	1.27700	1.27700	1.27273	1.27273	1.27273
0.919 - 1.044	0.95161	0.95161	0.95161	0.95030	0.95030	0.95030
0.794 - 0.919	0.84495	0.88016	0.79450	0.86066	2.14157	-1.33329
0.293 - 0.418	0.35503	0.38860	0.33081	0.35565	0.37966	0.34274
0.168 - 0.293	0.22207	0.26818	0.17596	0.22054	0.26486	0.17623
-0.082 - 0.043	0.00359	0.04101	-0.04281	0.03258	1.42447	-2.12003
-0.207 - -0.082	-0.09513	-0.09513	-0.09513	-0.10148	-0.10148	-0.10148
-0.457 - -0.332	-0.41018	-0.41018	-0.41018	-0.41331	-0.41331	-0.41331

Group= \wedge (fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.582 - -0.457	-0.54890	-0.54017	-0.55764	-0.55224	-0.54080	-0.56369
-0.708 - -0.582	-0.66793	-0.66793	-0.66793	-0.66643	-0.66643	-0.66643
-0.833 - -0.708	-0.83262	-0.83240	-0.83263	-0.86029	1.15516	-2.14837

Node=HP Neural one layer Score Distributions

Group= \wedge (fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.841 - 2.017	2.01732	2.01733	2.01731	1.61791	1.74649	1.48934
1.489 - 1.665	1.49617	1.49617	1.49617	1.49995	1.49995	1.49995
1.313 - 1.489	1.42053	1.42054	1.42038	1.36080	2.53080	0.60913
1.136 - 1.313	1.27413	1.27413	1.27413	1.27273	1.27273	1.27273
0.960 - 1.136	1.06970	1.12208	1.01731	1.06748	1.12232	1.01263
0.784 - 0.960	0.94253	0.95303	0.83698	0.95370	1.81338	-0.41118
0.608 - 0.784	0.66184	0.69858	0.62509	0.66449	0.70185	0.62713
0.432 - 0.608	0.48658	0.48658	0.48658	0.48509	0.48509	0.48509
0.255 - 0.432	0.35008	0.42362	0.27736	0.40523	1.85573	-1.33329
0.079 - 0.255	0.17031	0.17311	0.16750	0.39097	0.61566	0.16629
-0.273 - -0.097	-0.12309	-0.11417	-0.25425	-0.12030	1.40120	-2.14837
-0.449 - -0.273	-0.30047	-0.29414	-0.36730	-0.28476	0.68168	-0.95440
-0.802 - -0.626	-0.71901	-0.71893	-0.71901	-0.79317	-0.10403	-2.12003
-0.978 - -0.802	-0.88975	-0.88550	-0.89119	-0.94884	-0.77931	-1.11799
-1.330 - -1.154	-1.22254	-1.22254	-1.22254	-1.24107	-1.24107	-1.24107
-1.507 - -1.330	-1.37210	-1.33895	-1.50651	-1.38113	0.11352	-2.12353

Node=HP Neural one layer Score Distributions

Group= \wedge (fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.642 - 1.807	1.80491	1.80706	1.78413	1.73990	2.53080	1.04524
1.477 - 1.642	1.51649	1.51649	1.51649	1.51134	1.51134	1.51134
1.312 - 1.477	1.41101	1.41101	1.41101	1.42447	1.42447	1.42447
1.147 - 1.312	1.22907	1.30174	1.15973	1.22678	1.29809	1.16461
0.982 - 1.147	1.09150	1.09150	1.09150	1.09353	1.09353	1.09353
0.817 - 0.982	0.91263	0.97416	0.85111	0.92634	0.99305	0.85963
0.652 - 0.817	0.74923	0.75171	0.71537	0.74211	1.76112	-1.33329
0.488 - 0.652	0.58607	0.59360	0.52300	0.61403	2.14157	-0.64573
0.323 - 0.488	0.37901	0.46121	0.33102	0.60324	1.14354	0.32797
0.158 - 0.323	0.19119	0.32086	0.17507	0.17750	0.95030	-1.00612
-0.007 - 0.158	0.09031	0.13560	0.04329	0.08807	0.12536	0.02676
-0.172 - -0.007	-0.07593	-0.04242	-0.14071	-0.09395	-0.02569	-0.17792
-0.337 - -0.172	-0.26011	-0.18361	-0.33180	-0.25131	-0.15633	-0.34228
-0.502 - -0.337	-0.41681	-0.37246	-0.49911	-0.37470	-0.20799	-0.48044
-0.667 - -0.502	-0.53565	-0.51735	-0.58696	-0.54017	0.32170	-2.12003
-0.832 - -0.667	-0.70324	-0.68296	-0.72352	-0.51793	-0.37628	-0.65958
-0.997 - -0.832	-0.87999	-0.85158	-0.94828	-0.88996	1.15516	-2.14837
-1.162 - -0.997	-1.04473	-1.04473	-1.04473	-1.03519	-1.03519	-1.03519
-1.327 - -1.162	-1.20426	-1.20426	-1.20426	-1.22281	-1.22281	-1.22281
-1.492 - -1.327	-1.49173	-1.49173	-1.49173	-1.51040	-1.51040	-1.51040

Node=HP Neural one layer

Group= \wedge (fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Score Distributions

Group= \wedge (fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.320 - 1.497	1.48958	1.49710	1.41832	1.40349	2.53080	-0.07723
1.143 - 1.320	1.21279	1.29193	1.18055	1.21083	1.28937	1.16461
0.965 - 1.143	1.09223	1.13600	1.04846	1.07271	1.10018	1.04524
0.788 - 0.965	0.82311	0.84502	0.80120	0.82029	0.85413	0.78645
0.611 - 0.788	0.72871	0.72871	0.72871	0.64881	1.08830	-0.20754
0.434 - 0.611	0.56168	0.58048	0.50170	0.58675	1.71614	-1.33329
0.257 - 0.434	0.35366	0.36574	0.34158	0.34445	0.35694	0.33196
0.079 - 0.257	0.13955	0.16840	0.08292	0.12948	0.16629	0.07159
-0.098 - 0.079	-0.01402	0.07680	-0.07258	-0.00353	0.10520	-0.06428
-0.275 - -0.098	-0.23753	-0.18791	-0.24021	-0.16116	1.06828	-1.66999
-0.452 - -0.275	-0.38878	-0.38658	-0.40655	-0.40535	0.46865	-2.12003
-0.629 - -0.452	-0.54206	-0.46605	-0.62740	-0.54431	-0.47835	-0.61466
-0.807 - -0.629	-0.73909	-0.73909	-0.73909	-0.72713	-0.72713	-0.72713
-1.161 - -0.984	-1.15008	-1.00605	-1.15683	-1.19469	0.90261	-2.14837
-1.338 - -1.161	-1.23806	-1.23806	-1.23806	-1.24826	-1.24826	-1.24826
-2.047 - -1.870	-2.04697	-2.04696	-2.04697	-1.84190	-1.60749	-2.12353

Node=HP Neural one layer

Score Distributions

Group= \wedge (fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.745 - 1.931	1.93120	1.93123	1.93106	1.54790	2.53080	0.58917
1.558 - 1.745	1.61611	1.65353	1.56083	1.58878	1.63467	1.51134
0.998 - 1.184	1.02308	1.06650	1.00350	1.05503	1.91976	-0.43311
0.811 - 0.998	0.93855	0.98832	0.86893	1.01330	1.24519	0.87571
0.624 - 0.811	0.67339	0.74310	0.63264	0.66319	0.72777	0.61566
0.438 - 0.624	0.52009	0.57668	0.45813	0.51970	0.54507	0.47402
0.251 - 0.438	0.32057	0.42076	0.26216	0.32598	0.44077	0.25818
0.064 - 0.251	0.11456	0.23299	0.10042	0.10968	1.85573	-1.45147
-0.122 - 0.064	-0.03453	0.04292	-0.11180	0.39309	1.27810	-0.10403
-0.309 - -0.122	-0.20071	-0.19558	-0.20467	-0.24710	-0.16595	-0.35853
-0.496 - -0.309	-0.40387	-0.34820	-0.47942	-0.37399	-0.23974	-0.49605
-0.682 - -0.496	-0.58002	-0.58002	-0.58002	-0.57888	-0.57888	-0.57888
-0.869 - -0.682	-0.76103	-0.71717	-0.86224	-0.69977	0.85413	-2.12003
-1.056 - -0.869	-0.93731	-0.91974	-0.93811	-1.00105	1.15516	-2.12353
-1.616 - -1.429	-1.51930	-1.51930	-1.51930	-1.51040	-1.51040	-1.51040
-1.802 - -1.616	-1.77798	-1.63463	-1.80245	-1.84640	-1.50677	-2.14837

Node=HP Neural one layer

Score Distributions

Group= \wedge (fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.595 - 1.737	1.72951	1.73674	1.62115	1.45761	2.53080	0.80803
1.027 - 1.169	1.05793	1.15471	1.03102	0.96871	1.15495	0.55336
0.886 - 1.027	0.93102	1.00958	0.91183	1.18992	1.63467	0.47113
0.744 - 0.886	0.81355	0.87712	0.78641	0.81368	0.88374	0.78645
0.602 - 0.744	0.74107	0.74109	0.74091	0.80435	2.14157	-1.33329

Group=fold_=7 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.460 - 0.602	0.50756	0.53446	0.46517	0.50805	0.53321	0.46444
0.318 - 0.460	0.37269	0.37269	0.37269	0.37966	0.37966	0.37966
0.176 - 0.318	0.30701	0.30701	0.30701	0.31280	0.31280	0.31280
0.034 - 0.176	0.05321	0.05321	0.05321	0.05364	0.05364	0.05364
-0.108 - 0.034	-0.07712	0.01391	-0.10509	-0.06860	1.53402	-2.03918
-0.249 - -0.108	-0.18432	-0.18432	-0.18432	-0.18467	-0.18467	-0.18467
-0.391 - -0.249	-0.32040	-0.27622	-0.38533	-0.32075	-0.08552	-0.41118
-0.533 - -0.391	-0.40498	-0.40498	-0.40498	-0.41331	-0.41331	-0.41331
-0.675 - -0.533	-0.61878	-0.61878	-0.61878	-0.62275	-0.62275	-0.62275
-0.817 - -0.675	-0.77480	-0.77480	-0.77480	-0.77931	-0.77931	-0.77931
-0.959 - -0.817	-0.86312	-0.82135	-0.90172	-0.86531	-0.82095	-0.91229
-1.101 - -0.959	-1.09925	-1.00002	-1.10065	-1.13269	1.15516	-2.14837

Node=HP Neural one layer Score Distributions

Group=fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.759 - 1.947	1.94730	1.94730	1.94730	1.53823	2.53080	1.01263
1.381 - 1.570	1.50483	1.50483	1.50483	1.51134	1.51134	1.51134
1.192 - 1.381	1.31896	1.35669	1.28124	1.31506	1.35740	1.27273
0.815 - 1.004	1.00109	1.00127	0.99655	1.08300	1.85573	-0.03609
0.626 - 0.815	0.71914	0.78546	0.64031	0.65401	0.72777	0.58742
0.438 - 0.626	0.60513	0.60813	0.46364	0.67363	2.14157	-0.83184
0.249 - 0.438	0.28098	0.28098	0.28098	0.70185	0.70185	0.70185
0.060 - 0.249	0.16666	0.19961	0.12599	0.16620	0.19702	0.12536
-0.129 - 0.060	-0.04664	0.02128	-0.11455	-0.03497	0.02676	-0.09671
-0.317 - -0.129	-0.16057	-0.16043	-0.16057	-0.15440	1.15516	-1.98839
-0.506 - -0.317	-0.35040	-0.33790	-0.48772	-0.41023	1.13984	-2.12003
-0.695 - -0.506	-0.55371	-0.55371	-0.55371	-0.48044	-0.48044	-0.48044
-1.072 - -0.883	-0.96946	-0.94991	-0.99019	-0.97102	-0.95440	-0.98842
-1.638 - -1.449	-1.49974	-1.49972	-1.49974	-1.50075	0.07301	-2.14837
-1.827 - -1.638	-1.82689	-1.82689	-1.82689	-1.92074	-1.71795	-2.12353

Node=HP Neural one layer Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.732 - 1.931	1.88259	1.93123	1.73674	1.57932	2.14157	0.80803
1.533 - 1.732	1.66865	1.66928	1.66801	2.01537	2.53080	1.49995
1.335 - 1.533	1.46881	1.51649	1.41101	1.35012	1.62835	1.12028
1.136 - 1.335	1.30495	1.32559	1.22236	1.23947	1.62035	1.04524
0.937 - 1.136	0.99980	1.06650	0.94207	0.81736	1.93737	-1.24826
0.738 - 0.937	0.80378	0.91231	0.74107	0.83268	1.91976	-1.37563
0.539 - 0.738	0.59406	0.69858	0.58048	0.68916	1.44711	-0.21219
0.340 - 0.539	0.48709	0.52818	0.34529	0.41528	1.85573	-0.93832
0.141 - 0.340	0.18999	0.33680	0.15167	0.16086	1.40120	-1.44120
-0.058 - 0.141	0.04334	0.11010	-0.04281	-0.11385	1.54226	-1.60749
-0.257 - -0.058	-0.12308	-0.08328	-0.24021	-0.07422	1.53402	-2.14837
-0.456 - -0.257	-0.36636	-0.29441	-0.41668	-0.16302	1.67589	-1.09122
-0.655 - -0.456	-0.53225	-0.47942	-0.62740	-0.35345	0.85413	-1.71630

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.854 - -0.655	-0.80650	-0.71901	-0.83263	-1.19069	0.27582	-2.12353
-1.052 - -0.854	-0.90810	-0.87707	-0.95651	-0.89983	1.15516	-2.12353
-1.251 - -1.052	-1.12019	-1.10065	-1.15683	-0.82055	1.14395	-1.98818
-1.450 - -1.251	-1.38398	-1.36966	-1.40545	-1.04441	0.51216	-1.85583
-1.649 - -1.450	-1.49840	-1.49173	-1.49974	-1.41403	-0.94838	-1.77371
-1.848 - -1.649	-1.80238	-1.80238	-1.80238	-1.50677	-1.50677	-1.50677
-2.047 - -1.848	-2.04697	-2.04697	-2.04697	-1.93471	-1.93471	-1.93471

Node=HP Neural one layer Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	351
2	^(fold_=2)	335
3	^(fold_=3)	345
4	^(fold_=4)	334
5	^(fold_=5)	353
6	^(fold_=6)	343
7	^(fold_=7)	343
8	^(fold_=8)	347

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp3
 Node label = End Groups
 Meta path = Ids => Trans => Grp3 => HPNNA3 => EndGrp3
 Notes =

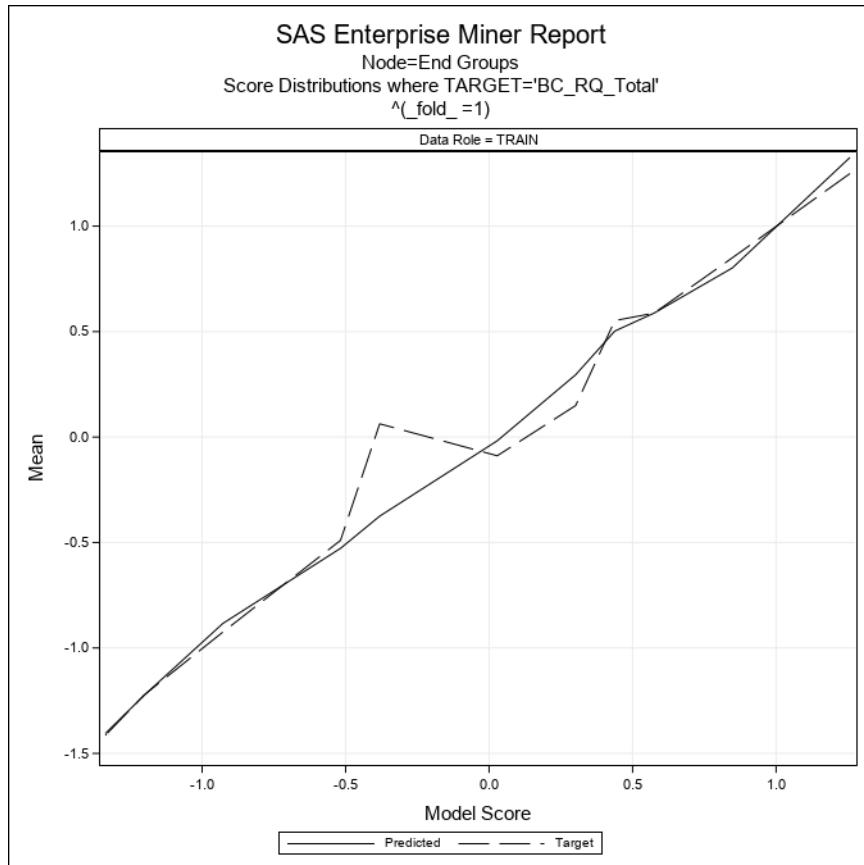
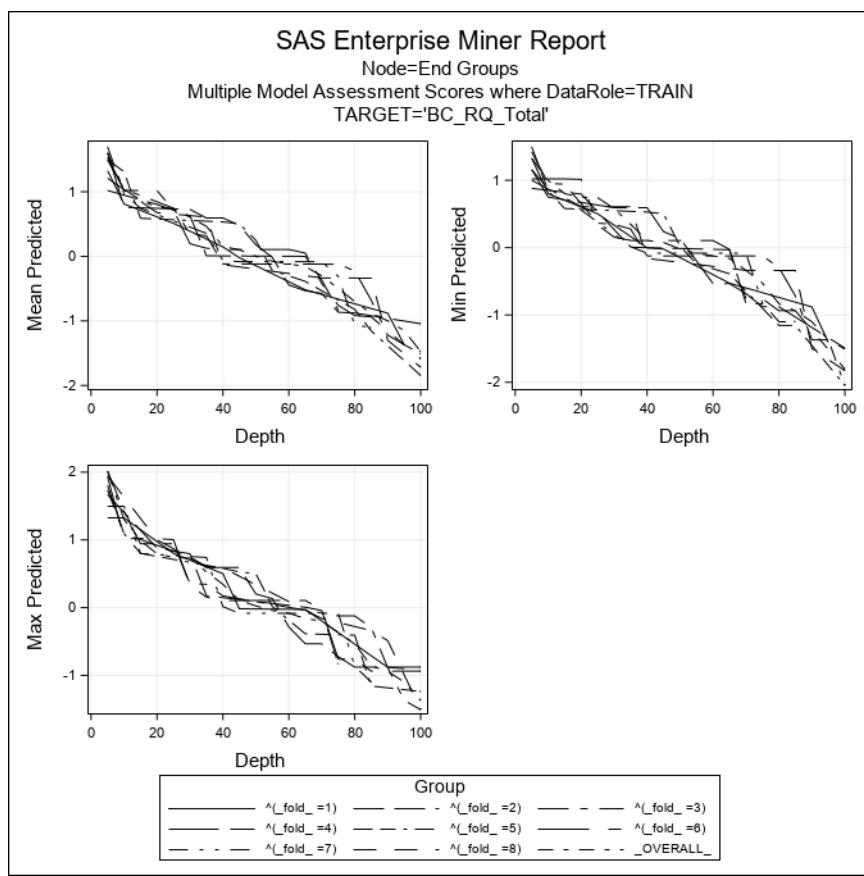
Node=End Groups Properties

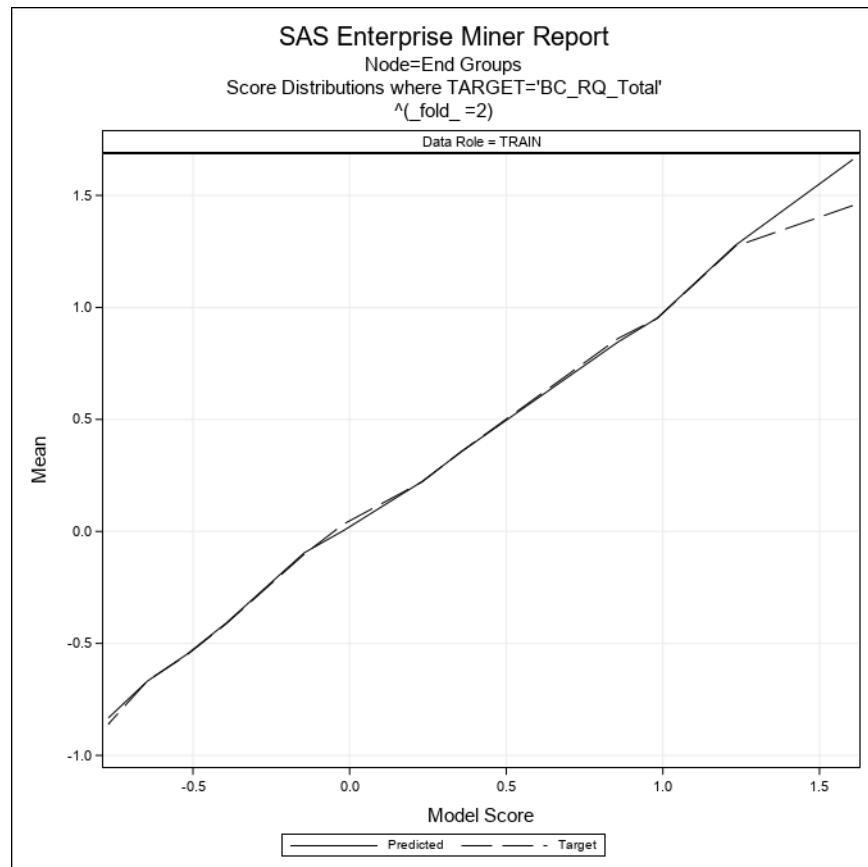
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

Node=End Groups Variable Summary

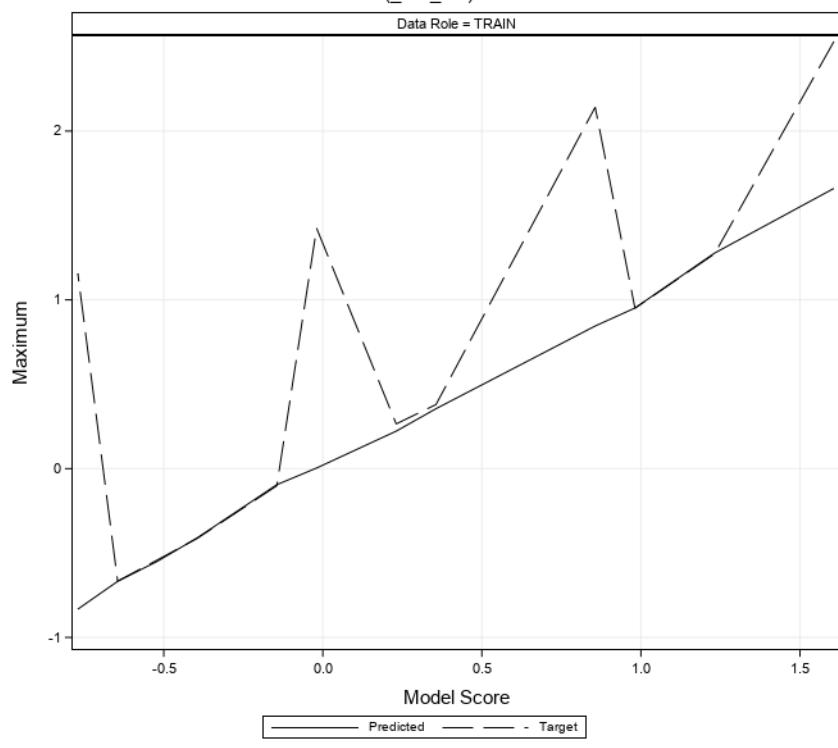
Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSASTot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

Group Index	Group	ModelId	Train: Target Variable	Train:		Train:		Train:		Train:	
				Average Squared Error	ASE	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Root Squared Errors	Sum of Squared Errors
1	^(fold_=1)	HPNNA3	BC_RQ_Total	0.47221	342	2.13459	342	0.68717	161.495	ReQuest (total score) (Box-Cox transformed)	
2	^(fold_=2)	HPNNA3	BC_RQ_Total	0.46695	331	2.21276	331	0.68334	154.561	ReQuest (total score) (Box-Cox transformed)	
3	^(fold_=3)	HPNNA3	BC_RQ_Total	0.37410	346	2.02614	346	0.61164	129.440	ReQuest (total score) (Box-Cox transformed)	
4	^(fold_=4)	HPNNA3	BC_RQ_Total	0.38420	350	2.08292	350	0.61984	134.471	ReQuest (total score) (Box-Cox transformed)	
5	^(fold_=5)	HPNNA3	BC_RQ_Total	0.33198	347	2.05944	347	0.57618	115.197	ReQuest (total score) (Box-Cox transformed)	
6	^(fold_=6)	HPNNA3	BC_RQ_Total	0.37056	348	2.09288	348	0.60874	128.955	ReQuest (total score) (Box-Cox transformed)	
7	^(fold_=7)	HPNNA3	BC_RQ_Total	0.37988	335	2.25580	335	0.61634	127.260	ReQuest (total score) (Box-Cox transformed)	
8	^(fold_=8)	HPNNA3	BC_RQ_Total	0.40029	333	1.82783	333	0.63268	133.296	ReQuest (total score) (Box-Cox transformed)	
9	_OVERALL_		BC_RQ_Total	0.47807	393	2.32067	393	0.69142	187.880	ReQuest (total score) (Box-Cox transformed)	

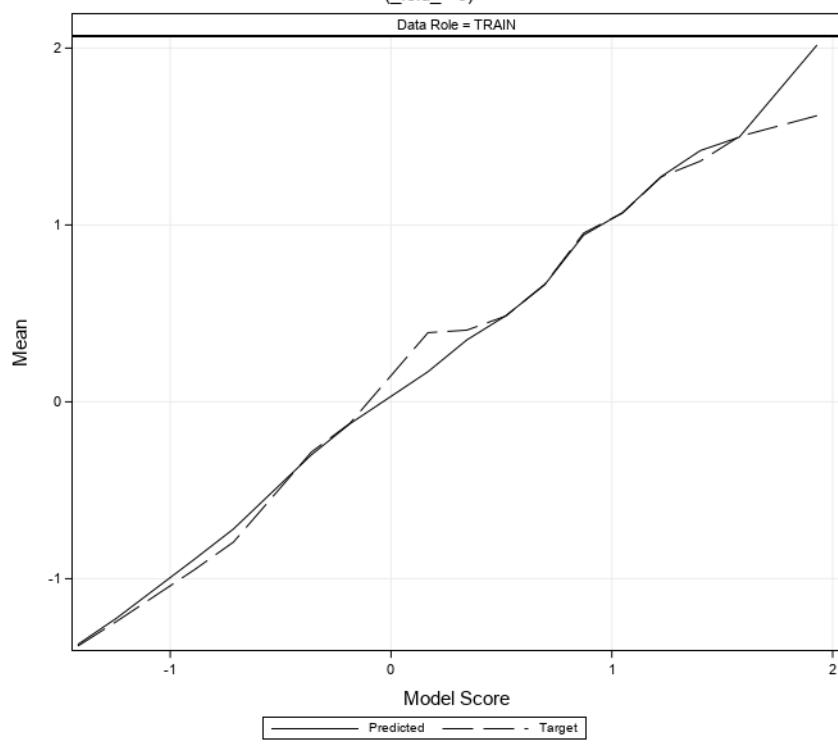




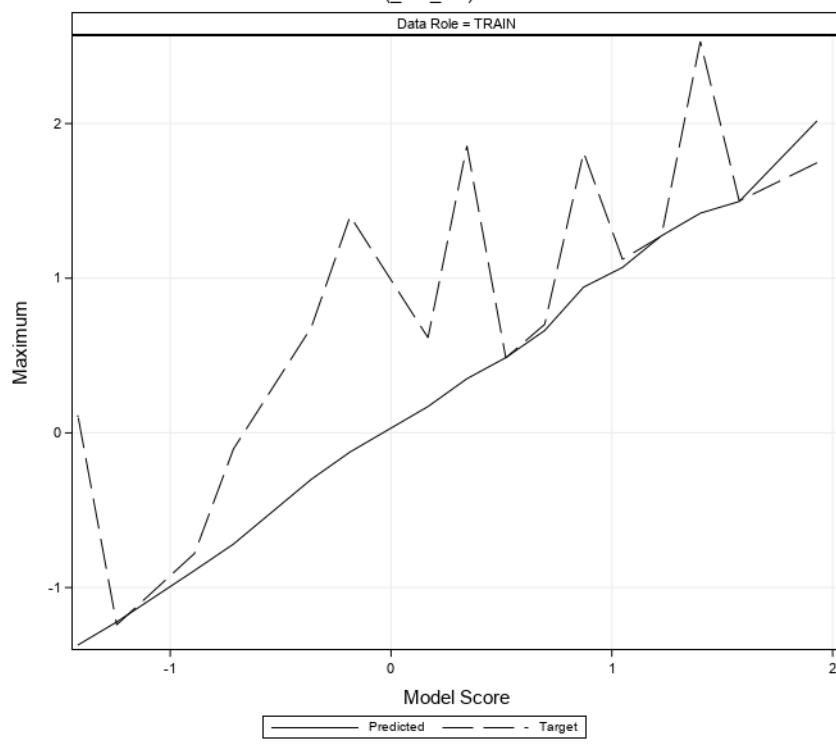
SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}2)$



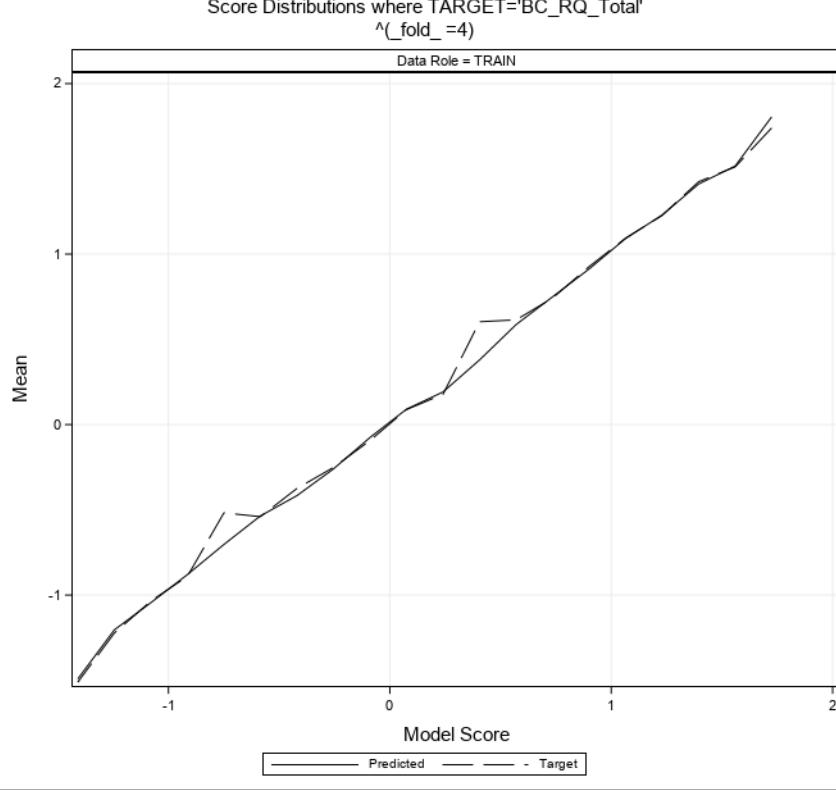
SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}3)$



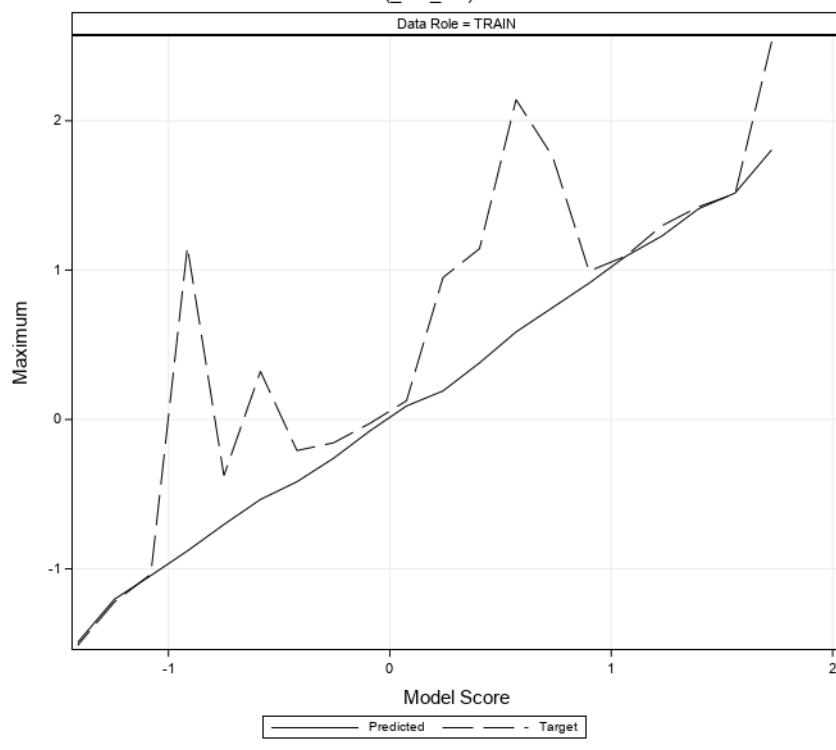
SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}3)$



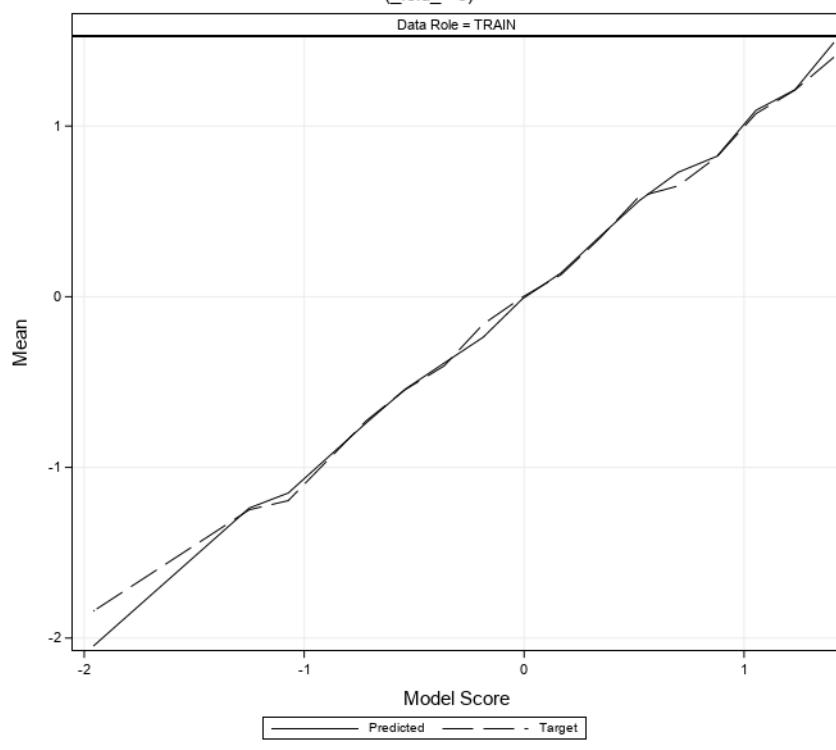
SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}4)$



SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}4)$



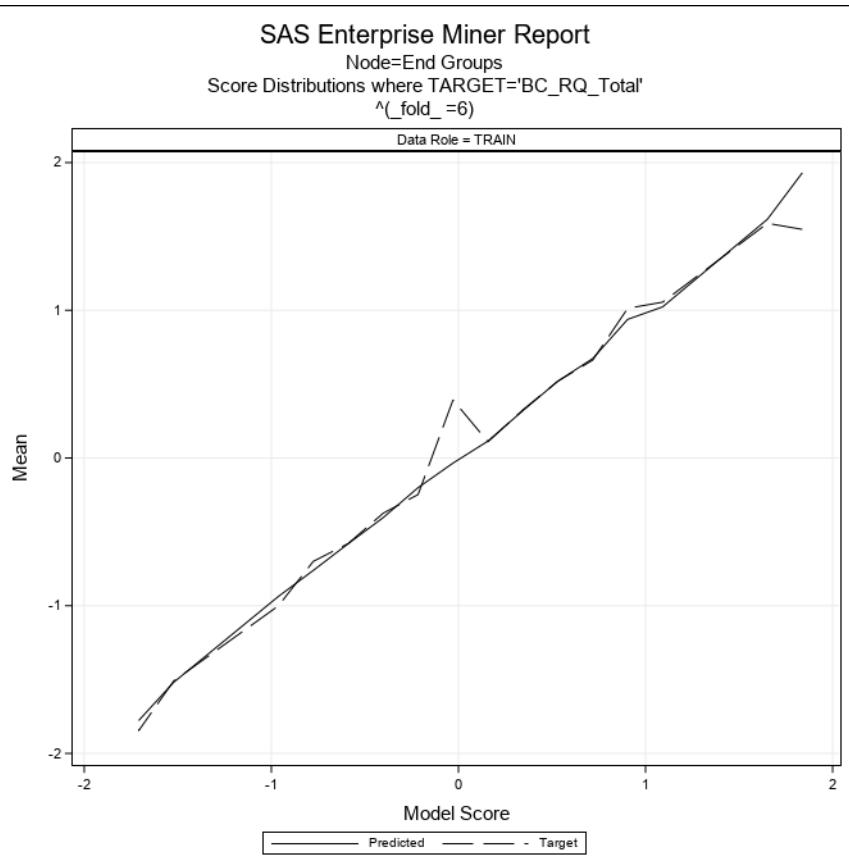
SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}5)$

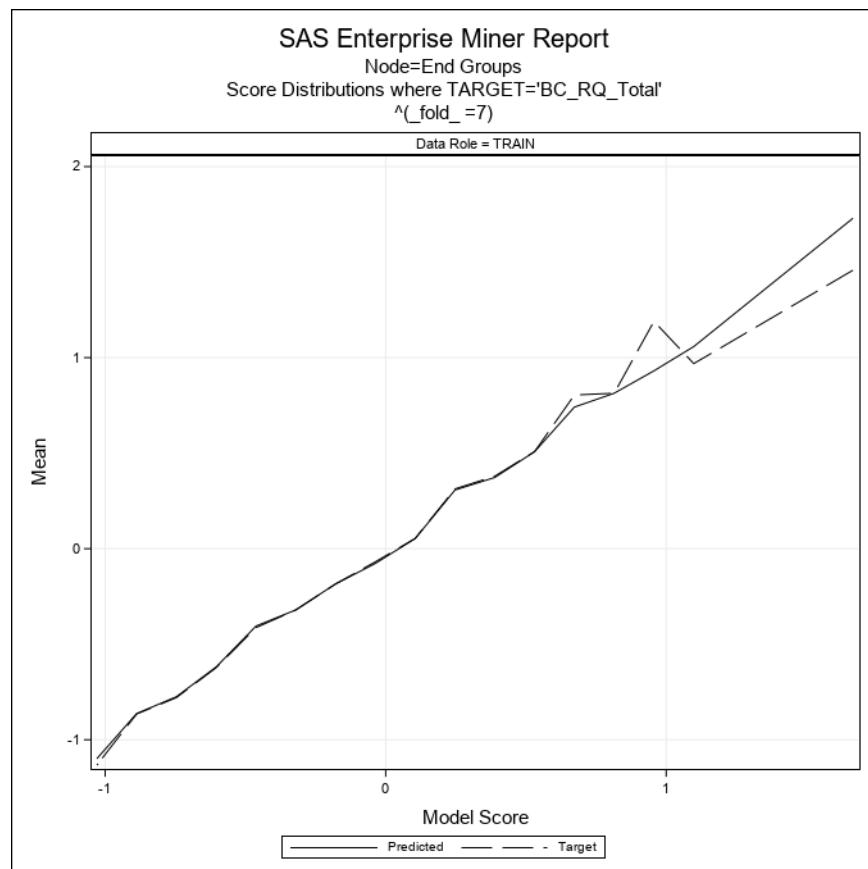
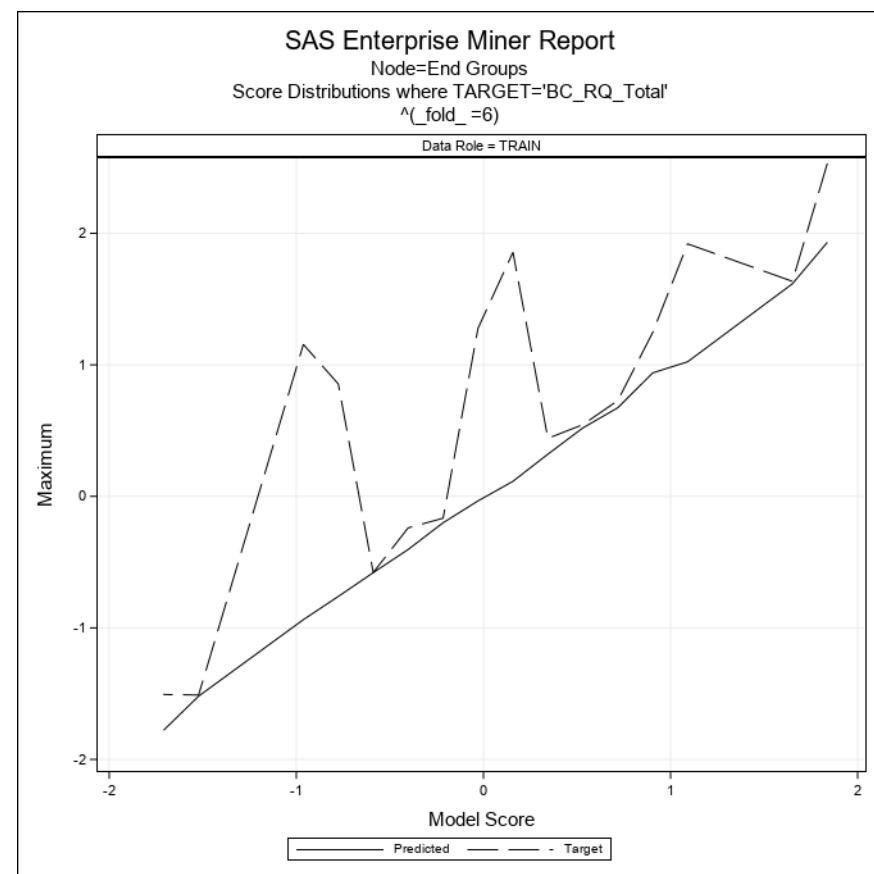


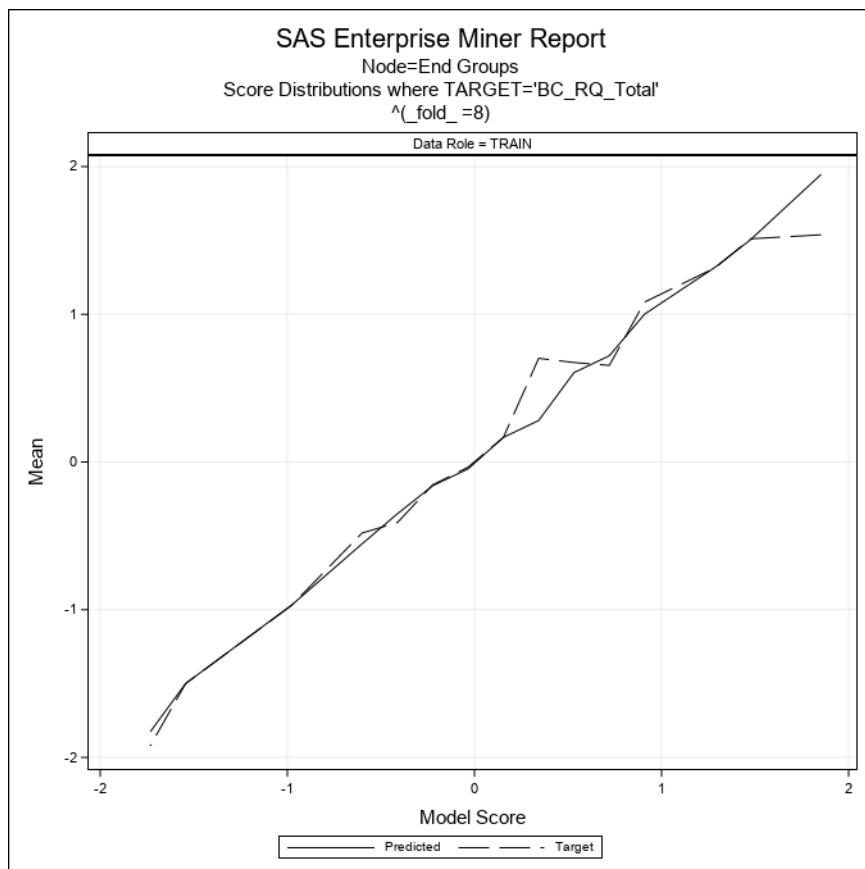
SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}5)$



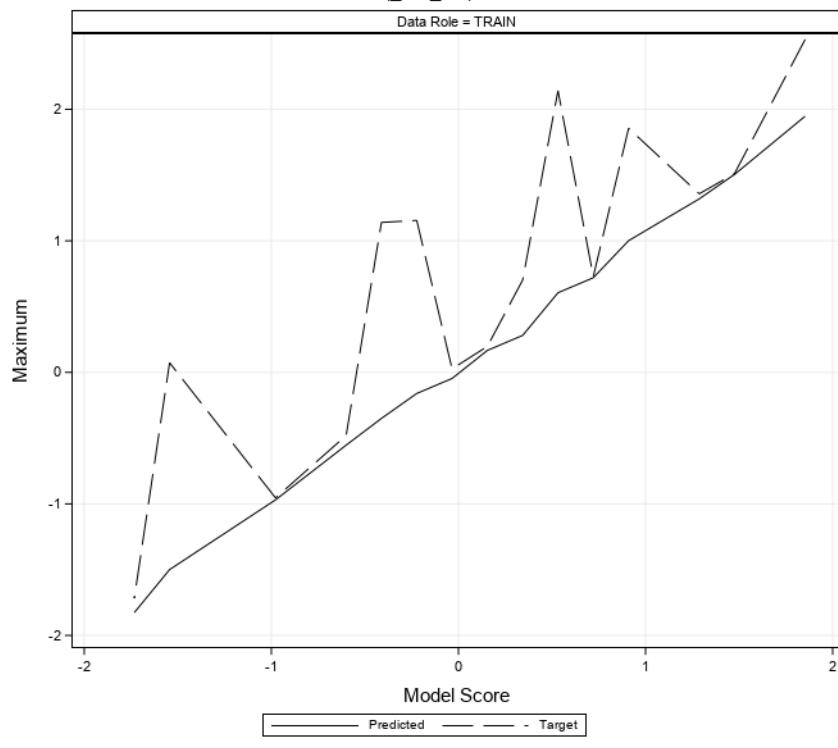
SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}6)$



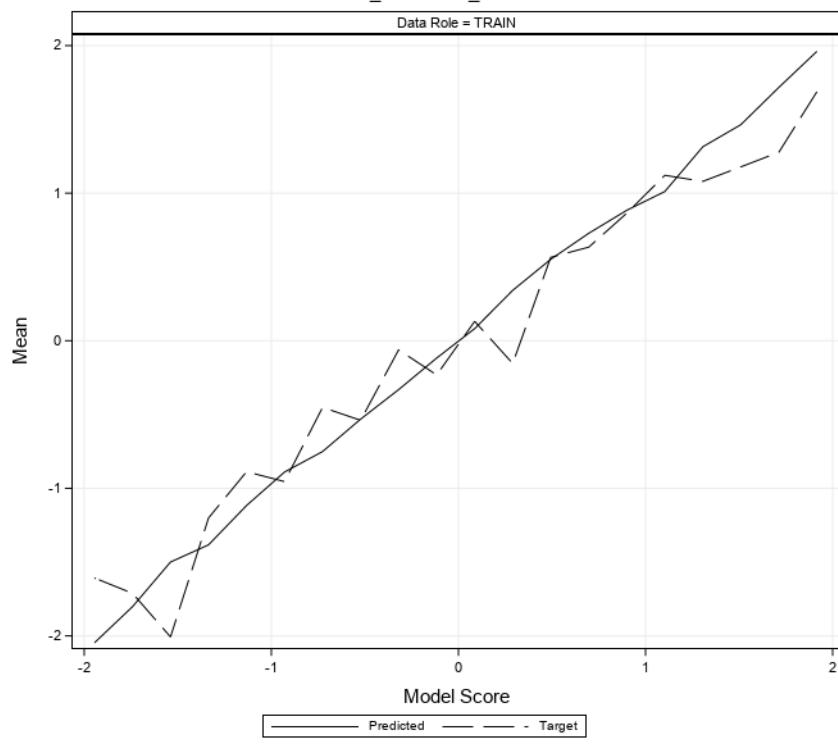




SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}8)$



SAS Enterprise Miner Report
 Node=End Groups
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{overall})$





Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.189 - 1.326	1.32559	1.32559	1.32559	1.24937	2.53080	0.33679
0.779 - 0.916	0.80191	0.81950	0.80130	0.85000	2.14157	-1.33329
0.506 - 0.643	0.58746	0.58746	0.58746	0.58742	0.58742	0.58742
0.370 - 0.506	0.50258	0.50261	0.50124	0.55224	1.53402	-0.71719
0.233 - 0.370	0.29521	0.29521	0.29521	0.14932	1.08830	-1.22281
-0.040 - 0.097	-0.01771	0.08154	-0.02717	-0.08873	1.20060	-1.45147
-0.450 - -0.313	-0.37506	-0.37506	-0.37506	0.06274	0.47113	-0.34565
-0.586 - -0.450	-0.52771	-0.52237	-0.52778	-0.49007	1.15516	-2.14837
-0.996 - -0.859	-0.88358	-0.88115	-0.89936	-0.92444	0.68168	-2.12353
-1.269 - -1.132	-1.22272	-1.22272	-1.22272	-1.22141	-1.22141	-1.22141
-1.405 - -1.269	-1.40545	-1.40545	-1.41424	0.07301	-2.12353	

Node=End Groups Score Distributions

Group=[^](fold_ =2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.544 - 1.669	1.66039	1.66928	1.58333	1.45482	2.53080	0.63880
1.169 - 1.294	1.27700	1.27700	1.27700	1.27273	1.27273	1.27273
0.919 - 1.044	0.95161	0.95161	0.95161	0.95030	0.95030	0.95030
0.794 - 0.919	0.84495	0.88016	0.79450	0.86066	2.14157	-1.33329
0.293 - 0.418	0.35503	0.38860	0.33081	0.35565	0.37966	0.34274
0.168 - 0.293	0.22207	0.26818	0.17596	0.22054	0.26486	0.17623
-0.082 - 0.043	0.00359	0.04101	-0.04281	0.03258	1.42447	-2.12003
-0.207 - -0.082	-0.09513	-0.09513	-0.09513	-0.10148	-0.10148	-0.10148
-0.457 - -0.332	-0.41018	-0.41018	-0.41018	-0.41331	-0.41331	-0.41331

Group= \wedge (fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.582 - -0.457	-0.54890	-0.54017	-0.55764	-0.55224	-0.54080	-0.56369
-0.708 - -0.582	-0.66793	-0.66793	-0.66793	-0.66643	-0.66643	-0.66643
-0.833 - -0.708	-0.83262	-0.83240	-0.83263	-0.86029	1.15516	-2.14837

Node=End Groups Score Distributions

Group= \wedge (fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.841 - 2.017	2.01732	2.01733	2.01731	1.61791	1.74649	1.48934
1.489 - 1.665	1.49617	1.49617	1.49617	1.49995	1.49995	1.49995
1.313 - 1.489	1.42053	1.42054	1.42038	1.36080	2.53080	0.60913
1.136 - 1.313	1.27413	1.27413	1.27413	1.27273	1.27273	1.27273
0.960 - 1.136	1.06970	1.12208	1.01731	1.06748	1.12232	1.01263
0.784 - 0.960	0.94253	0.95303	0.83698	0.95370	1.81338	-0.41118
0.608 - 0.784	0.66184	0.69858	0.62509	0.66449	0.70185	0.62713
0.432 - 0.608	0.48658	0.48658	0.48658	0.48509	0.48509	0.48509
0.255 - 0.432	0.35008	0.42362	0.27736	0.40523	1.85573	-1.33329
0.079 - 0.255	0.17031	0.17311	0.16750	0.39097	0.61566	0.16629
-0.273 - -0.097	-0.12309	-0.11417	-0.25425	-0.12030	1.40120	-2.14837
-0.449 - -0.273	-0.30047	-0.29414	-0.36730	-0.28476	0.68168	-0.95440
-0.802 - -0.626	-0.71901	-0.71893	-0.71901	-0.79317	-0.10403	-2.12003
-0.978 - -0.802	-0.88975	-0.88550	-0.89119	-0.94884	-0.77931	-1.11799
-1.330 - -1.154	-1.22254	-1.22254	-1.22254	-1.24107	-1.24107	-1.24107
-1.507 - -1.330	-1.37210	-1.33895	-1.50651	-1.38113	0.11352	-2.12353

Node=End Groups Score Distributions

Group= \wedge (fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.642 - 1.807	1.80491	1.80706	1.78413	1.73990	2.53080	1.04524
1.477 - 1.642	1.51649	1.51649	1.51649	1.51134	1.51134	1.51134
1.312 - 1.477	1.41101	1.41101	1.41101	1.42447	1.42447	1.42447
1.147 - 1.312	1.22907	1.30174	1.15973	1.22678	1.29809	1.16461
0.982 - 1.147	1.09150	1.09150	1.09150	1.09353	1.09353	1.09353
0.817 - 0.982	0.91263	0.97416	0.85111	0.92634	0.99305	0.85963
0.652 - 0.817	0.74923	0.75171	0.71537	0.74211	1.76112	-1.33329
0.488 - 0.652	0.58607	0.59360	0.52300	0.61403	2.14157	-0.64573
0.323 - 0.488	0.37901	0.46121	0.33102	0.60324	1.14354	0.32797
0.158 - 0.323	0.19119	0.32086	0.17507	0.17750	0.95030	-1.00612
-0.007 - 0.158	0.09031	0.13560	0.04329	0.08807	0.12536	0.02676
-0.172 - -0.007	-0.07593	-0.04242	-0.14071	-0.09395	-0.02569	-0.17792
-0.337 - -0.172	-0.26011	-0.18361	-0.33180	-0.25131	-0.15633	-0.34228
-0.502 - -0.337	-0.41681	-0.37246	-0.49911	-0.37470	-0.20799	-0.48044
-0.667 - -0.502	-0.53565	-0.51735	-0.58696	-0.54017	0.32170	-2.12003
-0.832 - -0.667	-0.70324	-0.68296	-0.72352	-0.51793	-0.37628	-0.65958
-0.997 - -0.832	-0.87999	-0.85158	-0.94828	-0.88996	1.15516	-2.14837
-1.162 - -0.997	-1.04473	-1.04473	-1.04473	-1.03519	-1.03519	-1.03519
-1.327 - -1.162	-1.20426	-1.20426	-1.20426	-1.22281	-1.22281	-1.22281
-1.492 - -1.327	-1.49173	-1.49173	-1.49173	-1.51040	-1.51040	-1.51040

Node=End Groups

Group= \wedge (fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Score Distributions

Group= \wedge (fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.320 - 1.497	1.48958	1.49710	1.41832	1.40349	2.53080	-0.07723
1.143 - 1.320	1.21279	1.29193	1.18055	1.21083	1.28937	1.16461
0.965 - 1.143	1.09223	1.13600	1.04846	1.07271	1.10018	1.04524
0.788 - 0.965	0.82311	0.84502	0.80120	0.82029	0.85413	0.78645
0.611 - 0.788	0.72871	0.72871	0.72871	0.64881	1.08830	-0.20754
0.434 - 0.611	0.56168	0.58048	0.50170	0.58675	1.71614	-1.33329
0.257 - 0.434	0.35366	0.36574	0.34158	0.34445	0.35694	0.33196
0.079 - 0.257	0.13955	0.16840	0.08292	0.12948	0.16629	0.07159
-0.098 - 0.079	-0.01402	0.07680	-0.07258	-0.00353	0.10520	-0.06428
-0.275 - -0.098	-0.23753	-0.18791	-0.24021	-0.16116	1.06828	-1.66999
-0.452 - -0.275	-0.38878	-0.38658	-0.40655	-0.40535	0.46865	-2.12003
-0.629 - -0.452	-0.54206	-0.46605	-0.62740	-0.54431	-0.47835	-0.61466
-0.807 - -0.629	-0.73909	-0.73909	-0.73909	-0.72713	-0.72713	-0.72713
-1.161 - -0.984	-1.15008	-1.00605	-1.15683	-1.19469	0.90261	-2.14837
-1.338 - -1.161	-1.23806	-1.23806	-1.23806	-1.24826	-1.24826	-1.24826
-2.047 - -1.870	-2.04697	-2.04696	-2.04697	-1.84190	-1.60749	-2.12353

Node=End Groups

Score Distributions

Group= \wedge (fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.745 - 1.931	1.93120	1.93123	1.93106	1.54790	2.53080	0.58917
1.558 - 1.745	1.61611	1.65353	1.56083	1.58878	1.63467	1.51134
0.998 - 1.184	1.02308	1.06650	1.00350	1.05503	1.91976	-0.43311
0.811 - 0.998	0.93855	0.98832	0.86893	1.01330	1.24519	0.87571
0.624 - 0.811	0.67339	0.74310	0.63264	0.66319	0.72777	0.61566
0.438 - 0.624	0.52009	0.57668	0.45813	0.51970	0.54507	0.47402
0.251 - 0.438	0.32057	0.42076	0.26216	0.32598	0.44077	0.25818
0.064 - 0.251	0.11456	0.23299	0.10042	0.10968	1.85573	-1.45147
-0.122 - 0.064	-0.03453	0.04292	-0.11180	0.39309	1.27810	-0.10403
-0.309 - -0.122	-0.20071	-0.19558	-0.20467	-0.24710	-0.16595	-0.35853
-0.496 - -0.309	-0.40387	-0.34820	-0.47942	-0.37399	-0.23974	-0.49605
-0.682 - -0.496	-0.58002	-0.58002	-0.58002	-0.57888	-0.57888	-0.57888
-0.869 - -0.682	-0.76103	-0.71717	-0.86224	-0.69977	0.85413	-2.12003
-1.056 - -0.869	-0.93731	-0.91974	-0.93811	-1.00105	1.15516	-2.12353
-1.616 - -1.429	-1.51930	-1.51930	-1.51930	-1.51040	-1.51040	-1.51040
-1.802 - -1.616	-1.77798	-1.63463	-1.80245	-1.84640	-1.50677	-2.14837

Node=End Groups

Score Distributions

Group= \wedge (fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.595 - 1.737	1.72951	1.73674	1.62115	1.45761	2.53080	0.80803
1.027 - 1.169	1.05793	1.15471	1.03102	0.96871	1.15495	0.55336
0.886 - 1.027	0.93102	1.00958	0.91183	1.18992	1.63467	0.47113
0.744 - 0.886	0.81355	0.87712	0.78641	0.81368	0.88374	0.78645
0.602 - 0.744	0.74107	0.74109	0.74091	0.80435	2.14157	-1.33329

Group=^(_fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.460 - 0.602	0.50756	0.53446	0.46517	0.50805	0.53321	0.46444
0.318 - 0.460	0.37269	0.37269	0.37269	0.37966	0.37966	0.37966
0.176 - 0.318	0.30701	0.30701	0.30701	0.31280	0.31280	0.31280
0.034 - 0.176	0.05321	0.05321	0.05321	0.05364	0.05364	0.05364
-0.108 - 0.034	-0.07712	0.01391	-0.10509	-0.06860	1.53402	-2.03918
-0.249 - -0.108	-0.18432	-0.18432	-0.18432	-0.18467	-0.18467	-0.18467
-0.391 - -0.249	-0.32040	-0.27622	-0.38533	-0.32075	-0.08552	-0.41118
-0.533 - -0.391	-0.40498	-0.40498	-0.40498	-0.41331	-0.41331	-0.41331
-0.675 - -0.533	-0.61878	-0.61878	-0.61878	-0.62275	-0.62275	-0.62275
-0.817 - -0.675	-0.77480	-0.77480	-0.77480	-0.77931	-0.77931	-0.77931
-0.959 - -0.817	-0.86312	-0.82135	-0.90172	-0.86531	-0.82095	-0.91229
-1.101 - -0.959	-1.09925	-1.00002	-1.10065	-1.13269	1.15516	-2.14837

Node=End Groups Score Distributions

Group=^(_fold_=8) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.759 - 1.947	1.94730	1.94730	1.94730	1.53823	2.53080	1.01263
1.381 - 1.570	1.50483	1.50483	1.50483	1.51134	1.51134	1.51134
1.192 - 1.381	1.31896	1.35669	1.28124	1.31506	1.35740	1.27273
0.815 - 1.004	1.00109	1.00127	0.99655	1.08300	1.85573	-0.03609
0.626 - 0.815	0.71914	0.78546	0.64031	0.65401	0.72777	0.58742
0.438 - 0.626	0.60513	0.60813	0.46364	0.67363	2.14157	-0.83184
0.249 - 0.438	0.28098	0.28098	0.28098	0.70185	0.70185	0.70185
0.060 - 0.249	0.16666	0.19961	0.12599	0.16620	0.19702	0.12536
-0.129 - 0.060	-0.04664	0.02128	-0.11455	-0.03497	0.02676	-0.09671
-0.317 - -0.129	-0.16057	-0.16043	-0.16057	-0.15440	1.15516	-1.98839
-0.506 - -0.317	-0.35040	-0.33790	-0.48772	-0.41023	1.13984	-2.12003
-0.695 - -0.506	-0.55371	-0.55371	-0.55371	-0.48044	-0.48044	-0.48044
-1.072 - -0.883	-0.96946	-0.94991	-0.99019	-0.97102	-0.95440	-0.98842
-1.638 - -1.449	-1.49974	-1.49972	-1.49974	-1.50075	0.07301	-2.14837
-1.827 - -1.638	-1.82689	-1.82689	-1.82689	-1.92074	-1.71795	-2.12353

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.814 - 2.017	1.96079	2.01733	1.93123	1.68723	2.53080	1.01263
1.611 - 1.814	1.71682	1.80631	1.63501	1.27731	1.74649	0.36842
1.408 - 1.611	1.46413	1.49710	1.41832	1.17822	1.93737	-1.22281
1.204 - 1.408	1.31423	1.32559	1.28124	1.07982	1.29809	0.63880
1.001 - 1.204	1.01095	1.02066	1.00127	1.12092	1.81338	-0.07650
0.798 - 1.001	0.88399	1.00069	0.80130	0.86454	1.85573	-0.43311
0.595 - 0.798	0.72817	0.79565	0.60812	0.63408	1.69572	-1.51040
0.392 - 0.595	0.55162	0.59330	0.48569	0.56520	2.14157	-0.39592
0.188 - 0.392	0.34139	0.36574	0.29521	-0.15428	0.35694	-1.44120
-0.015 - 0.188	0.08216	0.17899	-0.00348	0.13132	1.53402	-1.41445
-0.218 - -0.015	-0.11745	-0.02169	-0.20189	-0.23185	1.27810	-2.14837
-0.421 - -0.218	-0.33126	-0.24021	-0.38844	-0.06172	1.67589	-1.12723
-0.624 - -0.421	-0.53126	-0.47942	-0.60559	-0.53928	0.64939	-2.12003

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.828 - -0.624	-0.75085	-0.71893	-0.75883	-0.45158	0.53918	-1.71630
-1.031 - -0.828	-0.88956	-0.83263	-0.98124	-0.95454	1.15516	-2.12353
-1.234 - -1.031	-1.11665	-1.07805	-1.15683	-0.88754	0.68168	-2.03918
-1.437 - -1.234	-1.38308	-1.36966	-1.40545	-1.20117	0.11352	-2.12353
-1.641 - -1.437	-1.49974	-1.49974	-1.49974	-2.00714	-1.90123	-2.11306
-1.844 - -1.641	-1.80241	-1.80238	-1.80245	-1.71151	-1.50677	-1.91626
-2.047 - -1.844	-2.04696	-2.04696	-2.04696	-1.60749	-1.60749	-1.60749

Node=End Groups

Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	351
2	^(fold_=2)	335
3	^(fold_=3)	345
4	^(fold_=4)	334
5	^(fold_=5)	353
6	^(fold_=6)	343
7	^(fold_=7)	343
8	^(fold_=8)	347

SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 2 Summary

Node id = Boost4
 Node label = Gradient Boosting Tuned 2
 Meta path = Lds => Trans => Grp10 => Boost4
 Notes =

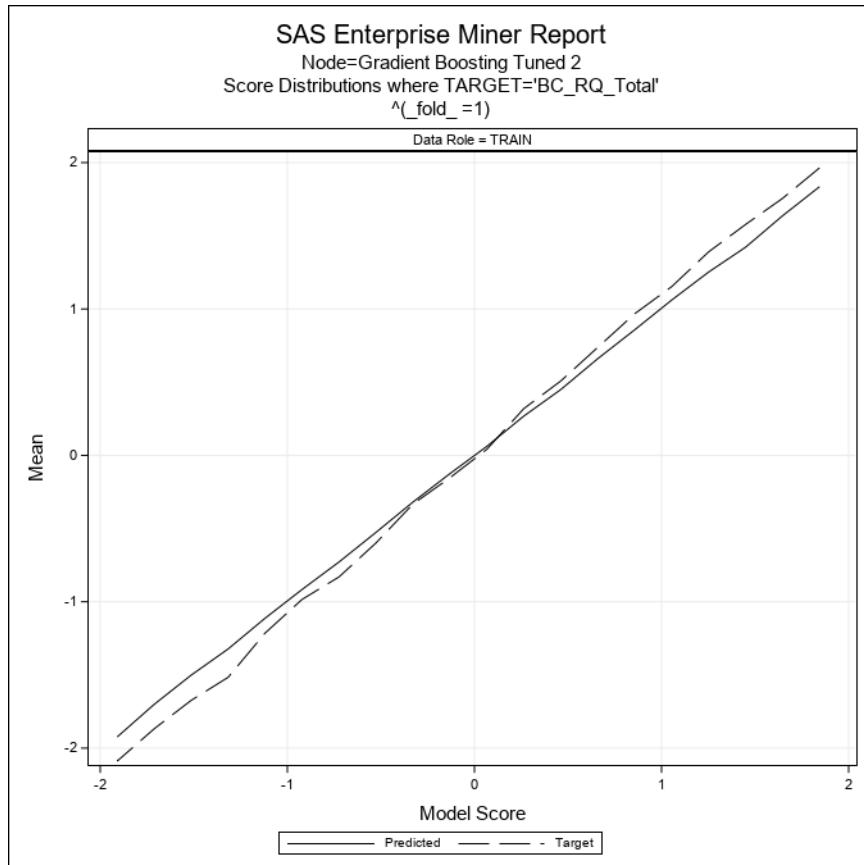
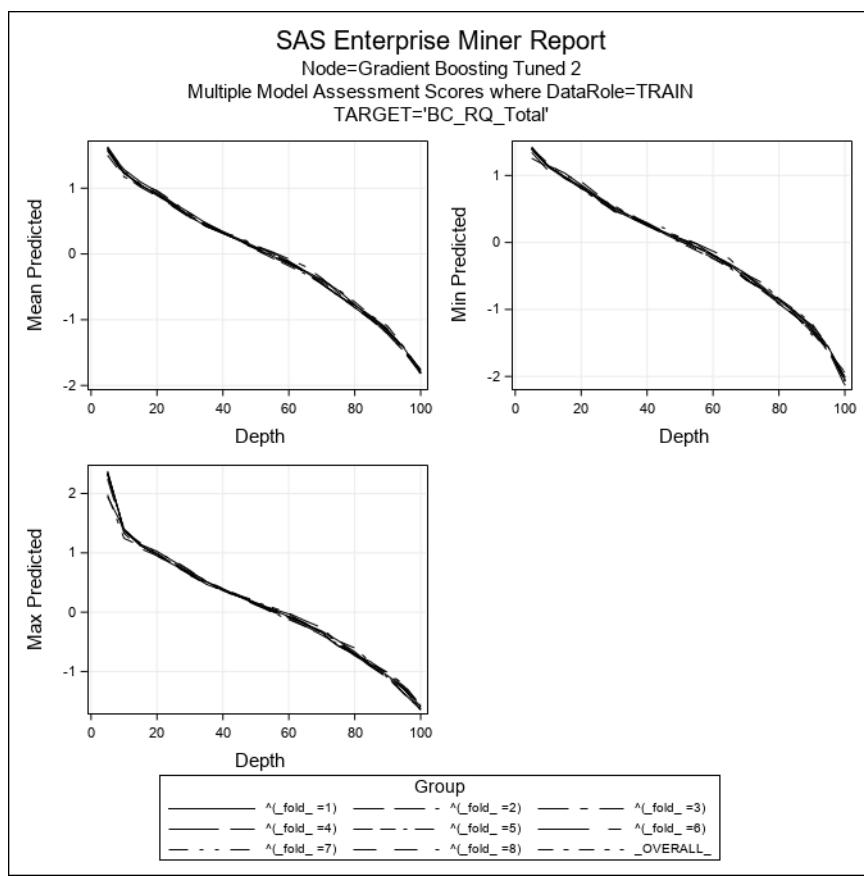
Node=Gradient Boosting Tuned 2 Properties

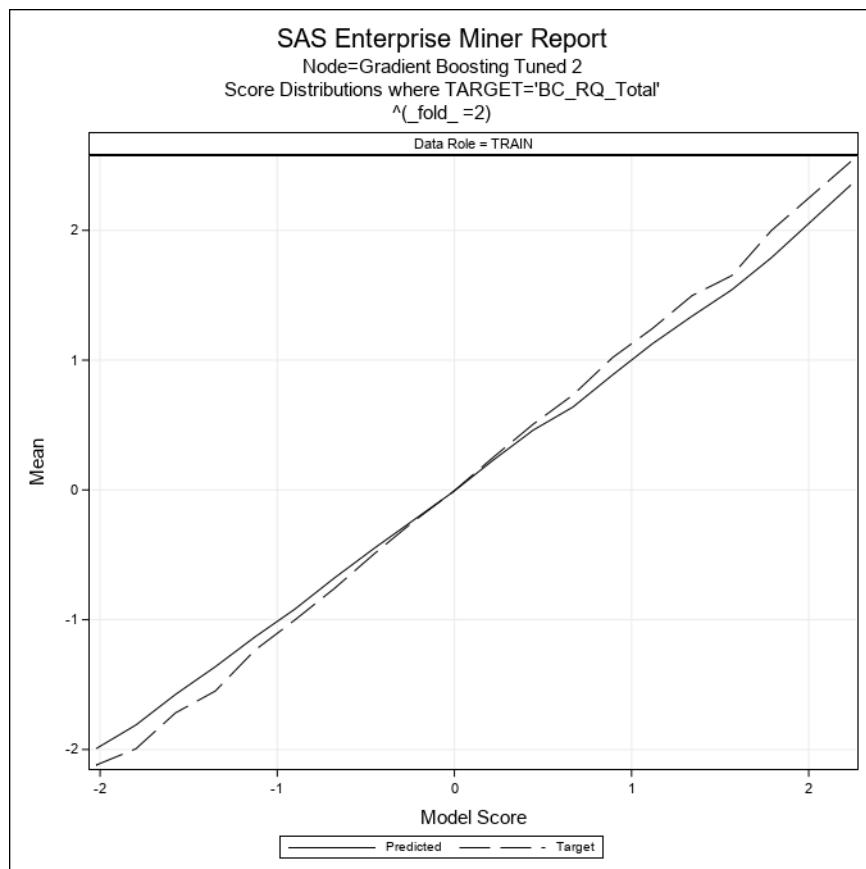
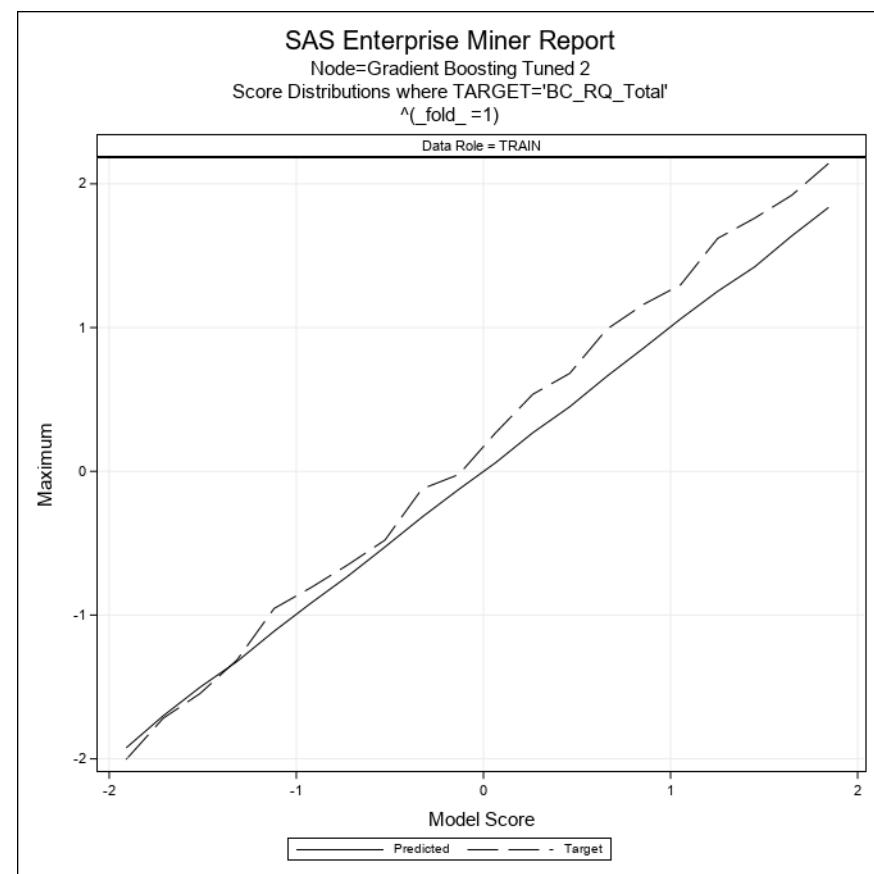
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	3	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	6	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	2	1
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	0.1	
Huber	NO		NSurrs	0		SplitSize	.	
IntervalBins	100		NodeSize	20000		SubSeries	BEST	
IterationNum	1		NumPairImp	0		ToolType	MODEL	
Iterations	50		NumSingleImp	5		TrainProportion	60	
LeafFraction	0.001		ObsImportance	Y	N	VarSelection	N	Y

Node=Gradient Boosting Tuned 2 Variable Summary

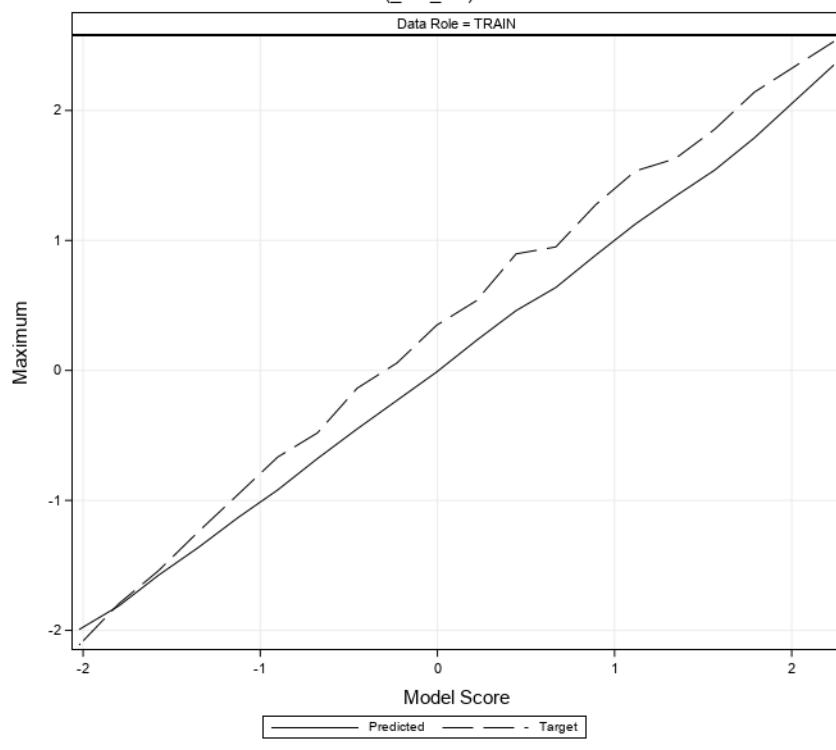
Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Group Index	Group	Train:		Sum of Case Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total Target Label
		Train: Target Variable	Train: Sum of Frequencies								
1	^(fold_=1)	BC_RQ_Total	338	338	0.40870	5.9167	0.01750	0.13231	338	338	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	340	340	0.50945	7.5456	0.02219	0.14897	340	340	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	349	349	0.46875	7.9032	0.02265	0.15048	349	349	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	345	345	0.37729	6.2857	0.01822	0.13498	345	345	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	345	345	0.42644	7.4330	0.02154	0.14678	345	345	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Total	349	349	0.36019	6.9664	0.01996	0.14128	349	349	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Total	331	331	0.38039	6.1569	0.01860	0.13639	331	331	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Total	340	340	0.48529	7.7016	0.02265	0.15050	340	340	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Total	393	.	2.14445	53.7865	0.13686	0.36995	393	.	ReQuest (total score) (Box-Cox transformed)

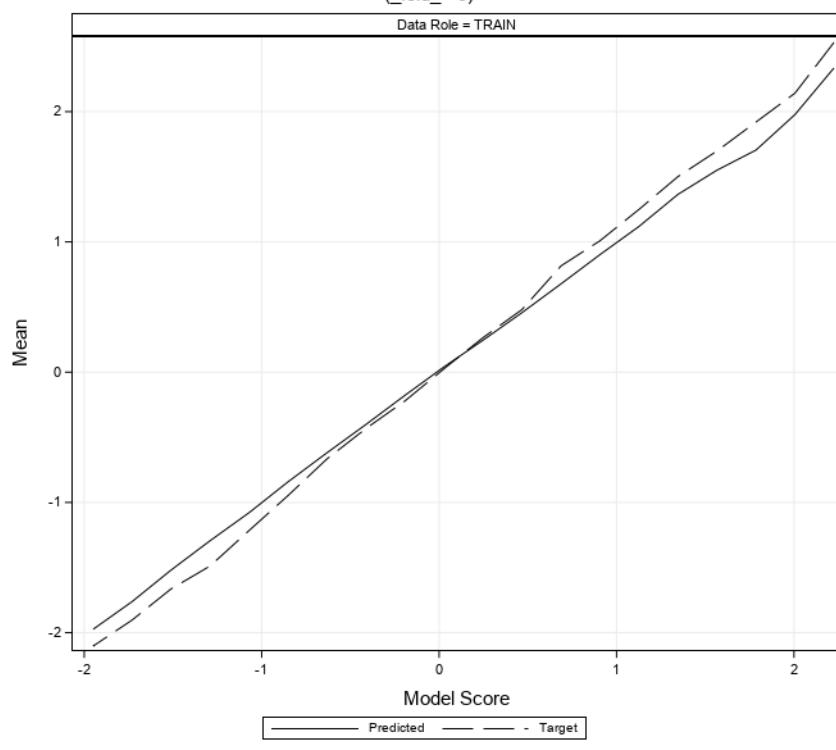




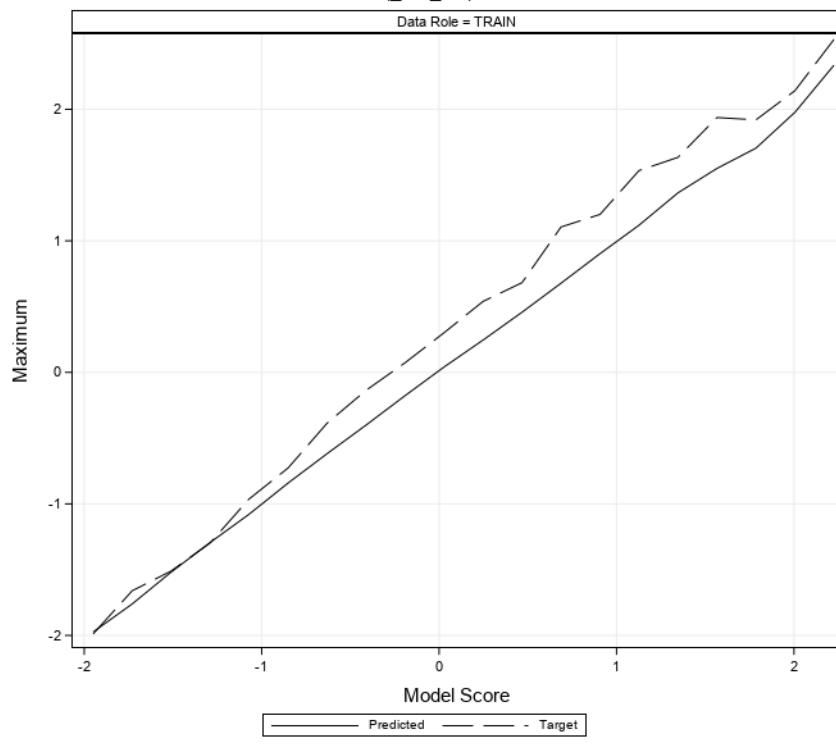
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)



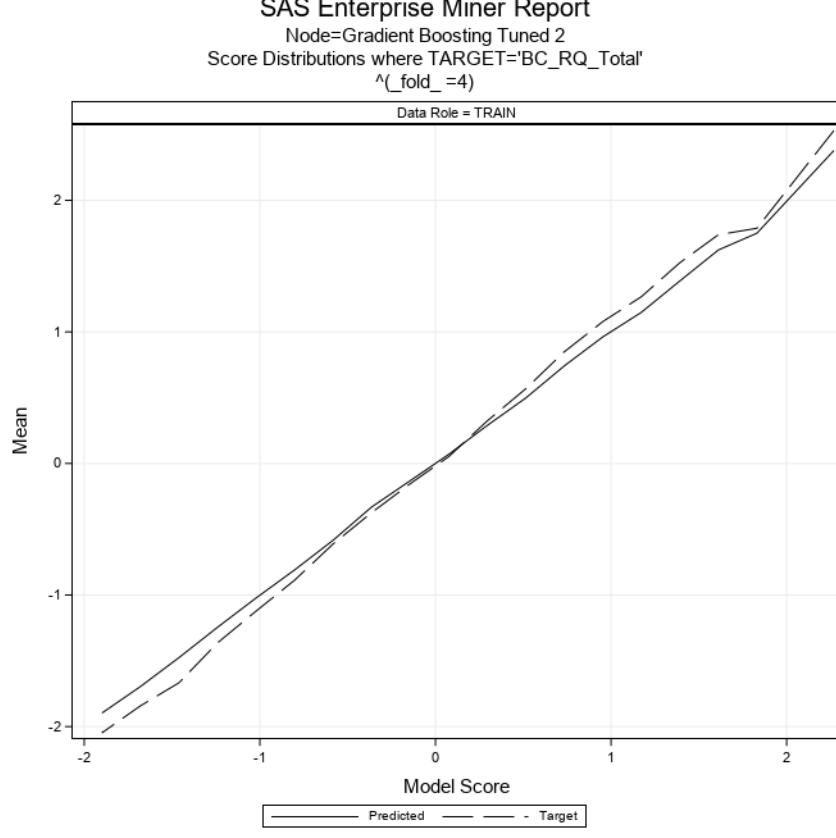
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)



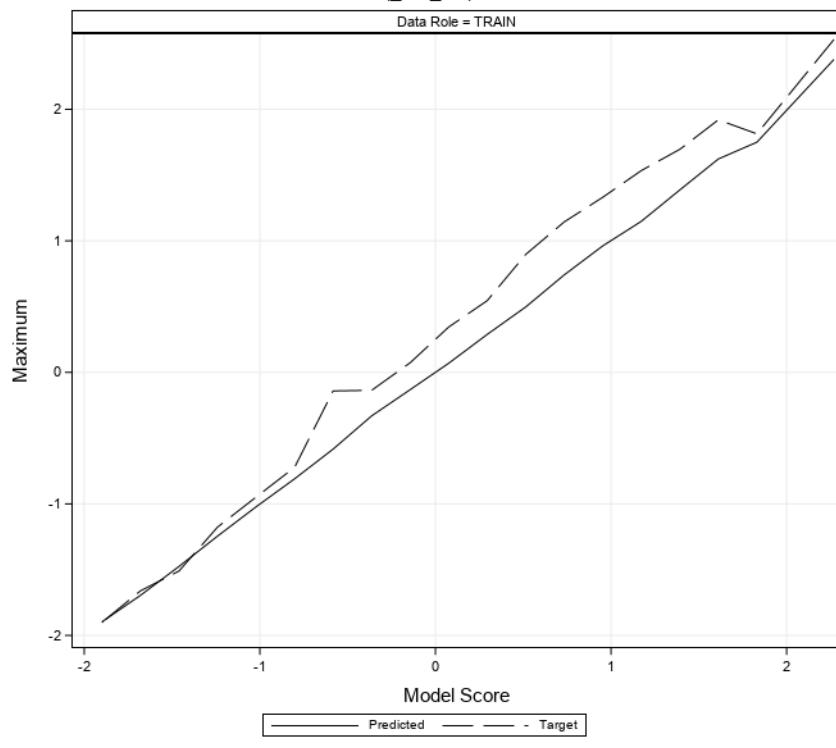
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)



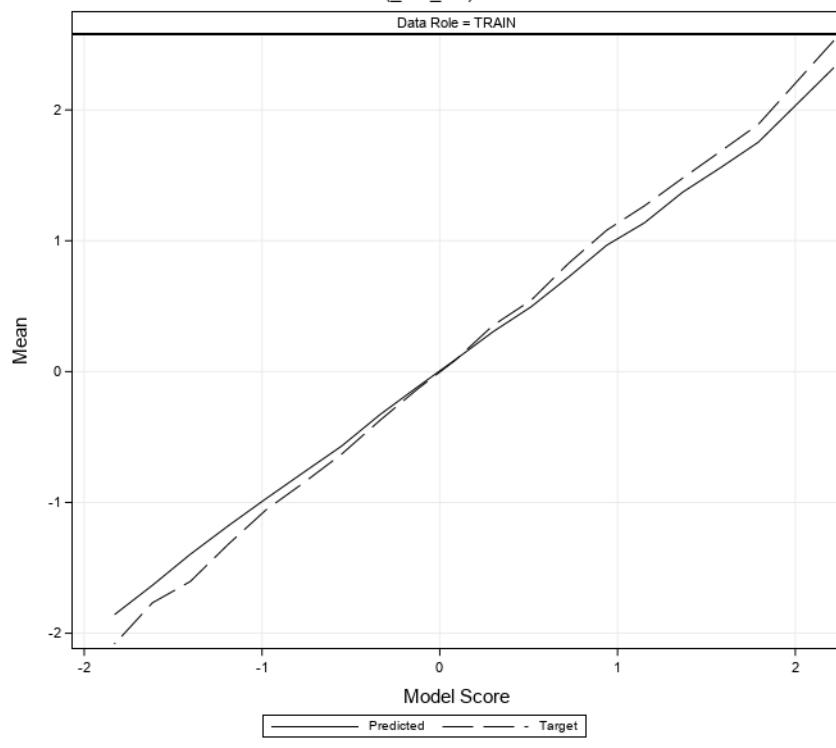
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=4)



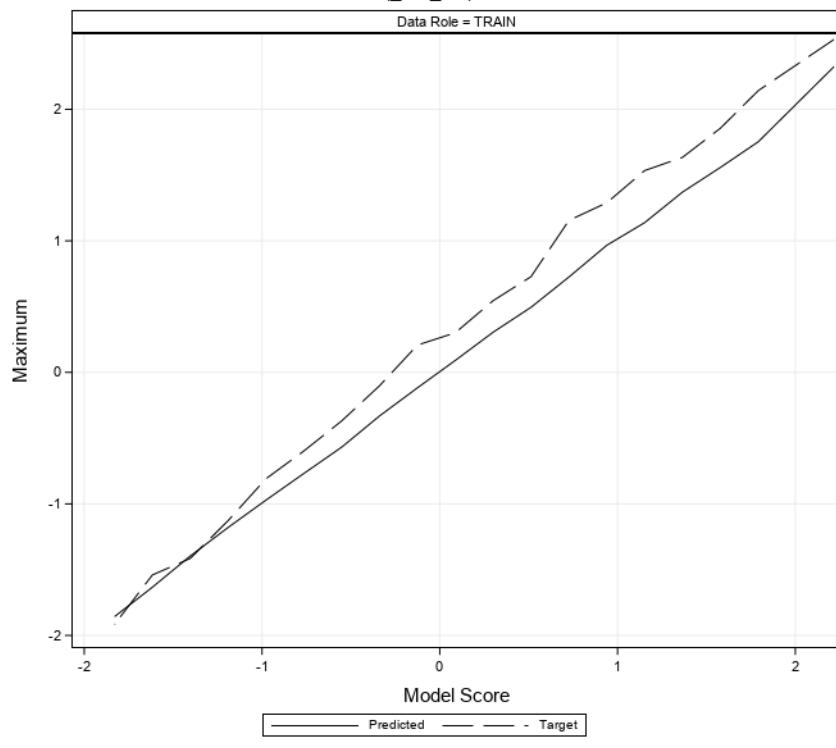
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=4)



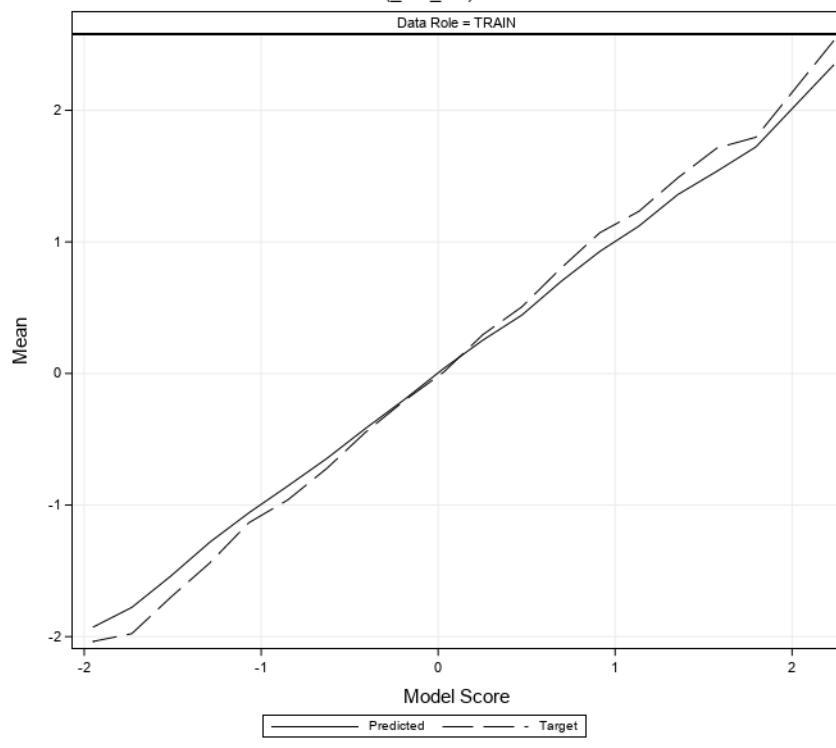
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=5)



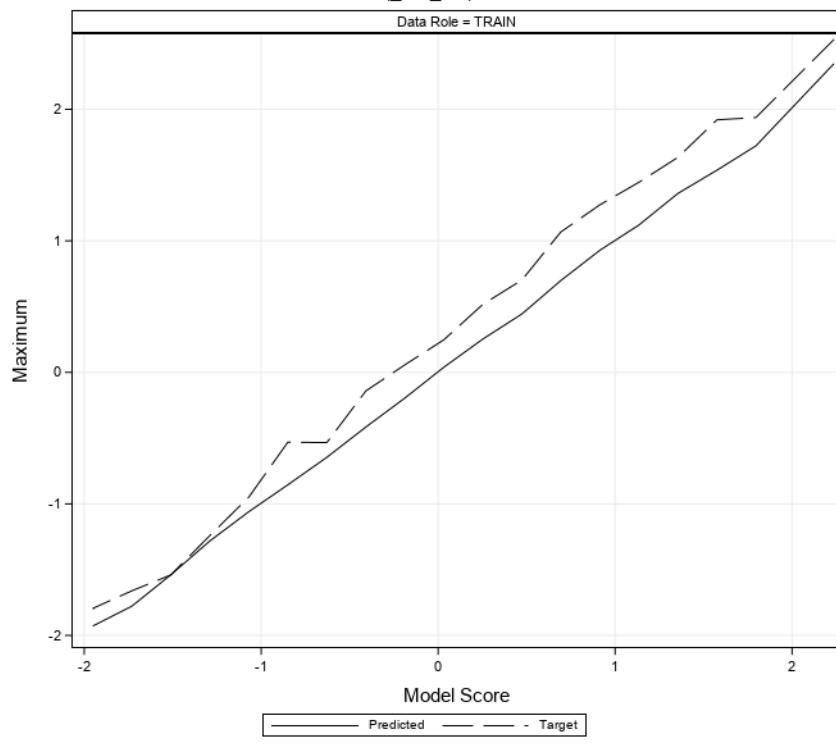
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=5)



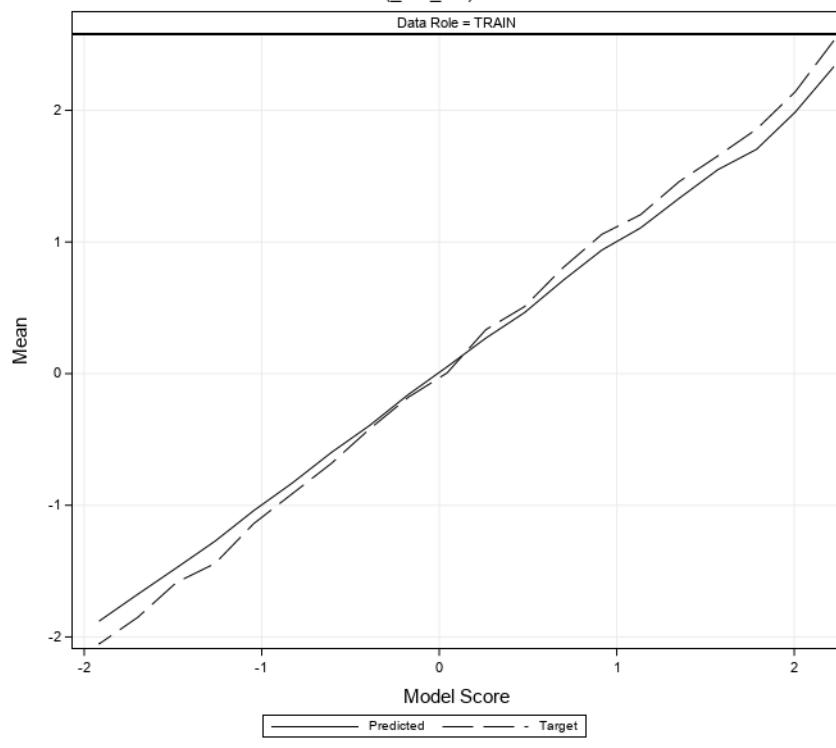
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)



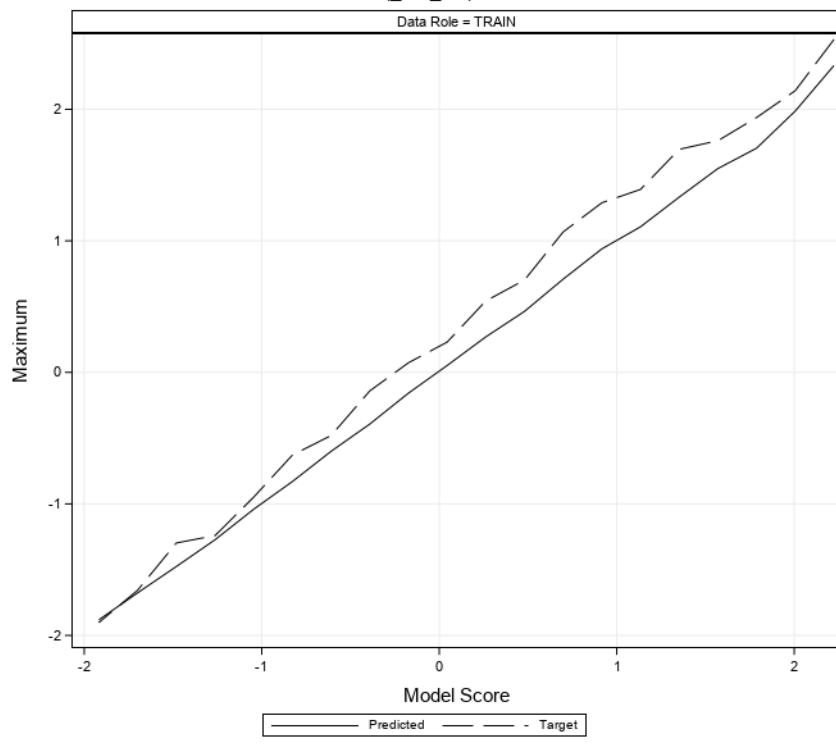
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)



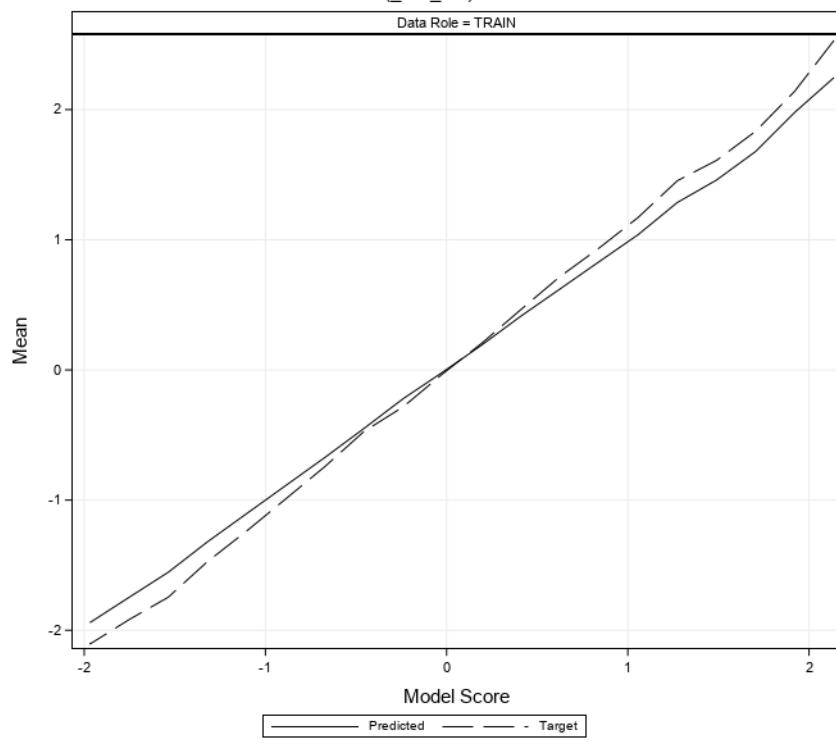
SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)

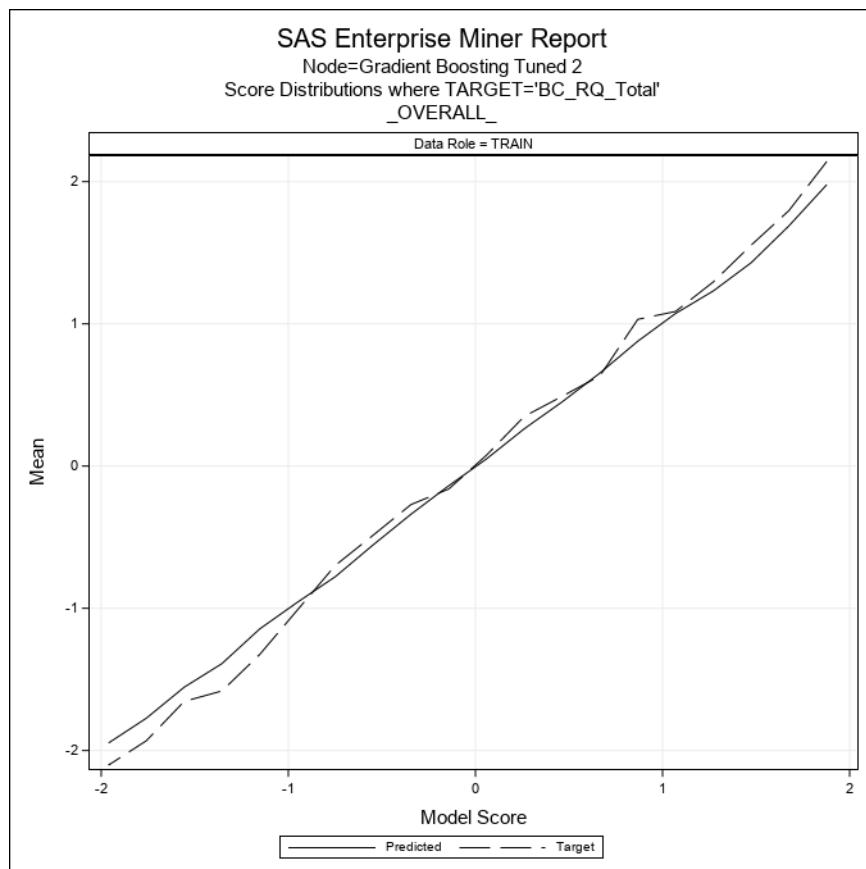
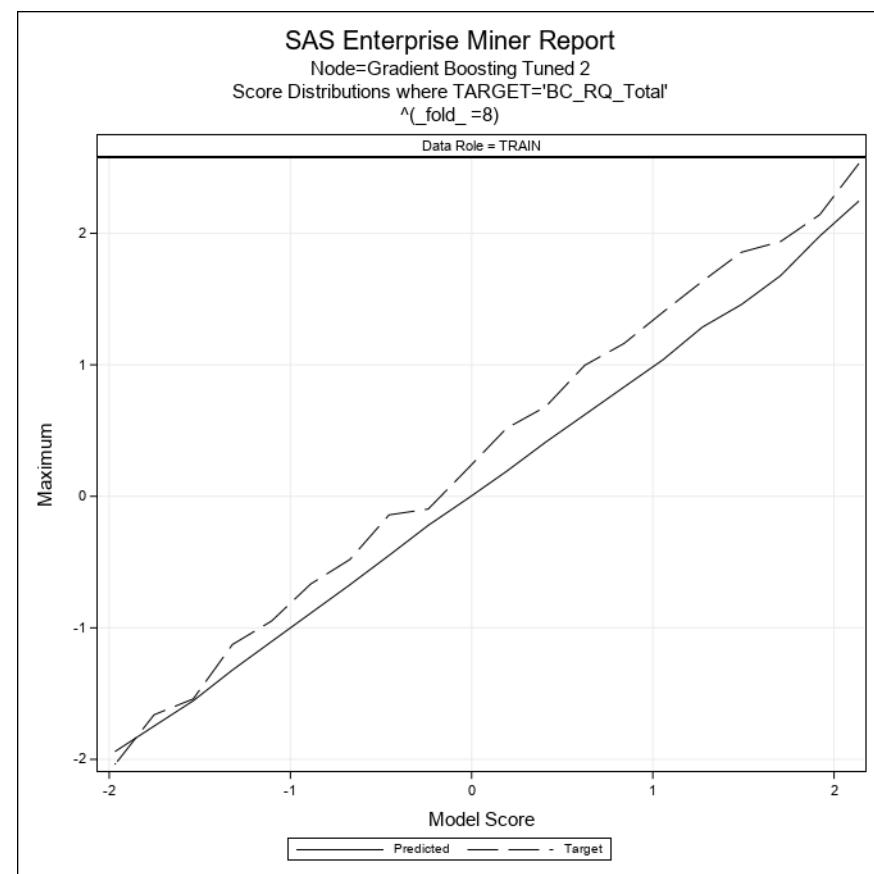


SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)



SAS Enterprise Miner Report
Node=Gradient Boosting Tuned 2
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=8)







Node=Gradient Boosting Tuned 2

Score Distributions

Group=^(_fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.746 - 1.943	1.83542	1.94320	1.77196	1.96411	2.14157	1.81338
1.548 - 1.746	1.63681	1.72093	1.55035	1.75569	1.91976	1.65154
1.351 - 1.548	1.42211	1.51108	1.35582	1.57759	1.76112	1.42447
1.153 - 1.351	1.25239	1.32662	1.16522	1.39030	1.62035	1.26278
0.955 - 1.153	1.06096	1.14793	0.95598	1.15267	1.29809	0.98213
0.758 - 0.955	0.85793	0.94770	0.75801	0.96743	1.16190	0.80803
0.560 - 0.758	0.66052	0.74773	0.56867	0.73767	0.98831	0.44077
0.363 - 0.560	0.44962	0.52397	0.36326	0.50813	0.68168	0.34274
0.165 - 0.363	0.26844	0.36255	0.17416	0.31939	0.53607	0.11612
-0.032 - 0.165	0.06156	0.15841	-0.02868	0.04147	0.26980	-0.20799
-0.230 - -0.032	-0.12490	-0.04511	-0.22482	-0.15298	-0.02176	-0.33564
-0.428 - -0.230	-0.31914	-0.23883	-0.41276	-0.33294	-0.12240	-0.65958
-0.625 - -0.428	-0.52612	-0.43212	-0.62141	-0.59840	-0.47835	-0.74820
-0.823 - -0.625	-0.72829	-0.64252	-0.82208	-0.83039	-0.64981	-1.00612
-1.020 - -0.823	-0.91636	-0.82466	-1.01014	-0.98416	-0.80863	-1.24019
-1.218 - -1.020	-1.11256	-1.02484	-1.20069	-1.21408	-0.95440	-1.39504
-1.415 - -1.218	-1.32257	-1.23668	-1.41265	-1.51635	-1.31134	-1.68223
-1.613 - -1.415	-1.50147	-1.42546	-1.59717	-1.67376	-1.54517	-1.77371
-1.810 - -1.613	-1.70096	-1.65017	-1.74455	-1.86797	-1.71795	-1.98839
-2.008 - -1.810	-1.92341	-1.84702	-2.00799	-2.08842	-2.00400	-2.14837

Node=Gradient Boosting Tuned 2

Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.126 - 2.350	2.35045	2.35045	2.35045	2.53080	2.53080	2.53080
1.678 - 1.902	1.78981	1.84717	1.71717	1.99957	2.14157	1.91976
1.453 - 1.678	1.54185	1.65007	1.48006	1.65130	1.85573	1.44516
1.229 - 1.453	1.33875	1.42763	1.23774	1.49715	1.62835	1.34601
1.005 - 1.229	1.12577	1.22596	1.01573	1.24297	1.53402	1.01263
0.781 - 1.005	0.88621	1.00006	0.78510	1.01977	1.27377	0.78030
0.556 - 0.781	0.63828	0.72044	0.55907	0.73084	0.95030	0.53918
0.332 - 0.556	0.46044	0.53542	0.33591	0.50594	0.89675	0.26486
0.108 - 0.332	0.23056	0.33160	0.11537	0.25232	0.53607	-0.02569
-0.116 - 0.108	-0.01200	0.10734	-0.11553	-0.01051	0.34779	-0.32382
-0.341 - -0.116	-0.23068	-0.13029	-0.31697	-0.24054	0.05719	-0.43311
-0.565 - -0.341	-0.44976	-0.35576	-0.55795	-0.49249	-0.13661	-0.65958
-0.789 - -0.565	-0.67786	-0.56628	-0.78897	-0.75870	-0.48044	-1.14437
-1.013 - -0.789	-0.91908	-0.79723	-1.00306	-1.00250	-0.66623	-1.24019
-1.238 - -1.013	-1.13226	-1.01388	-1.23620	-1.23415	-0.95440	-1.44120
-1.462 - -1.238	-1.36236	-1.24942	-1.45547	-1.54970	-1.24107	-1.77371
-1.686 - -1.462	-1.57525	-1.49043	-1.66956	-1.71758	-1.54033	-1.98818
-1.910 - -1.686	-1.81156	-1.72236	-1.88178	-1.99459	-1.79468	-2.14837
-2.135 - -1.910	-1.99344	-1.91351	-2.13450	-2.12004	-2.11306	-2.12353

Node=Gradient Boosting Tuned 2

Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.115 - 2.335	2.33493	2.33493	2.33493	2.53080	2.53080	2.53080
1.895 - 2.115	1.97724	1.97724	1.97724	2.14157	2.14157	2.14157
1.676 - 1.895	1.70465	1.70465	1.70465	1.91976	1.91976	1.91976
1.456 - 1.676	1.55040	1.63943	1.46089	1.69773	1.93737	1.48934
1.236 - 1.456	1.36483	1.45248	1.26558	1.50128	1.63467	1.35740
1.017 - 1.236	1.11857	1.22868	1.02021	1.24941	1.53402	1.04524
0.797 - 1.017	0.90238	1.00189	0.79846	1.00894	1.20060	0.68366
0.577 - 0.797	0.67769	0.79208	0.58114	0.81556	1.10521	0.48509
0.357 - 0.577	0.45701	0.56636	0.36063	0.48094	0.68168	0.31162
0.138 - 0.357	0.24541	0.35626	0.14137	0.26499	0.53918	-0.25596
-0.082 - 0.138	0.04065	0.12905	-0.04426	0.02616	0.30123	-0.24319
-0.302 - -0.082	-0.17727	-0.08368	-0.30138	-0.22033	0.07301	-0.58179
-0.522 - -0.302	-0.40087	-0.30910	-0.51942	-0.43225	-0.13661	-0.65958
-0.741 - -0.522	-0.61835	-0.52816	-0.72624	-0.66530	-0.38667	-0.95512
-0.961 - -0.741	-0.84163	-0.74177	-0.96093	-0.94682	-0.72713	-1.19363
-1.181 - -0.961	-1.07871	-0.97018	-1.16829	-1.21573	-0.96273	-1.45147
-1.400 - -1.181	-1.29382	-1.22332	-1.39903	-1.48780	-1.29713	-1.71804
-1.620 - -1.400	-1.51890	-1.40301	-1.61558	-1.66368	-1.51040	-1.79468
-1.840 - -1.620	-1.76111	-1.67222	-1.83698	-1.90279	-1.66099	-2.03918
-2.060 - -1.840	-1.97391	-1.88954	-2.05965	-2.10282	-1.98839	-2.14837

Node=Gradient Boosting Tuned 2

Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.160 - 2.379	2.37901	2.37901	2.37901	2.53080	2.53080	2.53080
1.721 - 1.940	1.74973	1.77117	1.72830	1.78725	1.81338	1.76112
1.501 - 1.721	1.62241	1.72053	1.54291	1.73862	1.91976	1.62835
1.282 - 1.501	1.38702	1.47538	1.28673	1.52552	1.69572	1.35740
1.063 - 1.282	1.14822	1.27334	1.07591	1.26710	1.53402	1.04524
0.843 - 1.063	0.96163	1.05270	0.85344	1.07798	1.33127	0.78645
0.624 - 0.843	0.74121	0.84125	0.62998	0.84829	1.14395	0.48813
0.405 - 0.624	0.49723	0.62371	0.40683	0.56773	0.89675	0.34455
0.185 - 0.405	0.28852	0.40122	0.18734	0.32306	0.54507	0.00957
-0.034 - 0.185	0.06905	0.17854	-0.03073	0.05143	0.34447	-0.21681
-0.254 - -0.034	-0.13154	-0.04756	-0.25134	-0.15470	0.07301	-0.43311
-0.473 - -0.254	-0.33113	-0.26425	-0.44628	-0.37381	-0.13661	-0.58179
-0.692 - -0.473	-0.58364	-0.48687	-0.68422	-0.61198	-0.14129	-0.87824
-0.912 - -0.692	-0.80957	-0.69573	-0.91135	-0.88748	-0.72223	-1.00612
-1.131 - -0.912	-1.02249	-0.91248	-1.12736	-1.12242	-0.94838	-1.24826
-1.351 - -1.131	-1.24514	-1.13943	-1.32532	-1.36335	-1.17661	-1.54517
-1.570 - -1.351	-1.47560	-1.36216	-1.56952	-1.66685	-1.51040	-1.75125
-1.789 - -1.570	-1.69542	-1.60720	-1.77205	-1.84225	-1.66099	-2.12353
-2.009 - -1.789	-1.89716	-1.83078	-2.00872	-2.04733	-1.90123	-2.14837

Node=Gradient Boosting Tuned 2

Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.111 - 2.324	2.32366	2.32366	2.32366	2.53080	2.53080	2.53080
1.685 - 1.898	1.75261	1.87894	1.69072	1.88878	2.14157	1.71506
1.472 - 1.685	1.55776	1.63396	1.47305	1.68243	1.85573	1.42447
1.259 - 1.472	1.37038	1.45152	1.26822	1.47764	1.63467	1.35740
1.046 - 1.259	1.13802	1.24963	1.05342	1.26789	1.53402	0.98677
0.833 - 1.046	0.96606	1.03534	0.84689	1.08108	1.28937	0.78645
0.620 - 0.833	0.72467	0.82883	0.63993	0.82982	1.15516	0.44077
0.407 - 0.620	0.49484	0.60597	0.40723	0.54467	0.72777	0.33679
0.194 - 0.407	0.30542	0.40152	0.19545	0.35404	0.54507	-0.03609
-0.019 - 0.194	0.09099	0.18993	-0.01091	0.08712	0.30123	-0.14273
-0.232 - -0.019	-0.11760	-0.02283	-0.22536	-0.13357	0.20746	-0.39169
-0.445 - -0.232	-0.33111	-0.23490	-0.44475	-0.37495	-0.10148	-0.68844
-0.658 - -0.445	-0.56844	-0.46019	-0.65591	-0.63020	-0.36894	-0.91229
-0.871 - -0.658	-0.76874	-0.67918	-0.86741	-0.84857	-0.59748	-1.22281
-1.084 - -0.871	-0.97111	-0.87626	-1.08064	-1.05676	-0.80863	-1.24826
-1.297 - -1.084	-1.17910	-1.08455	-1.27052	-1.32058	-1.12700	-1.66999
-1.510 - -1.297	-1.39636	-1.30689	-1.48051	-1.60420	-1.41445	-1.75125
-1.723 - -1.510	-1.63329	-1.54237	-1.71664	-1.76714	-1.54033	-2.00400
-1.936 - -1.723	-1.85714	-1.73908	-1.93585	-2.08257	-1.91626	-2.14837

Node=Gradient Boosting Tuned 2

Score Distributions

Group= \wedge (fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.126 - 2.347	2.34683	2.34683	2.34683	2.53080	2.53080	2.53080
1.686 - 1.906	1.72215	1.74410	1.70194	1.79549	1.93737	1.71506
1.465 - 1.686	1.53688	1.67819	1.48899	1.71325	1.91976	1.54226
1.245 - 1.465	1.36022	1.44439	1.24490	1.48718	1.63467	1.35740
1.024 - 1.245	1.12025	1.21410	1.02466	1.23228	1.44516	1.04524
0.804 - 1.024	0.92808	1.00537	0.82623	1.07015	1.27377	0.94902
0.583 - 0.804	0.69818	0.80006	0.58798	0.79961	1.06762	0.53321
0.363 - 0.583	0.44375	0.57275	0.36347	0.50661	0.70185	0.30123
0.143 - 0.363	0.25329	0.36274	0.14315	0.29516	0.51716	-0.03736
-0.078 - 0.143	0.03908	0.13639	-0.07379	0.01181	0.24767	-0.21681
-0.298 - -0.078	-0.19539	-0.07822	-0.29287	-0.20399	0.05719	-0.49605
-0.519 - -0.298	-0.41581	-0.30715	-0.51619	-0.44438	-0.14129	-0.65958
-0.739 - -0.519	-0.64587	-0.52612	-0.73534	-0.72118	-0.53404	-0.93832
-0.960 - -0.739	-0.85498	-0.75652	-0.95861	-0.96072	-0.53127	-1.23865
-1.180 - -0.960	-1.05923	-0.97071	-1.15700	-1.13437	-0.94838	-1.37563
-1.400 - -1.180	-1.28218	-1.19401	-1.37739	-1.43986	-1.24107	-1.71804
-1.621 - -1.400	-1.53957	-1.41823	-1.61820	-1.70026	-1.54033	-1.93471
-1.841 - -1.621	-1.77795	-1.62927	-1.83998	-1.97732	-1.66099	-2.12353
-2.062 - -1.841	-1.92863	-1.85370	-2.06179	-2.03715	-1.79468	-2.14837

Node=Gradient Boosting Tuned 2

Score Distributions

Group= \wedge (fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.115 - 2.333	2.33253	2.33253	2.33253	2.53080	2.53080	2.53080
1.897 - 2.115	1.98677	1.98677	1.98677	2.14157	2.14157	2.14157
1.679 - 1.897	1.70423	1.71562	1.69334	1.85725	1.93737	1.71614
1.461 - 1.679	1.54947	1.64888	1.46140	1.65400	1.76112	1.51134
1.243 - 1.461	1.33224	1.45735	1.24360	1.45891	1.69572	1.11309
1.025 - 1.243	1.10673	1.23175	1.02651	1.20717	1.39090	1.01263
0.807 - 1.025	0.93868	1.01539	0.81780	1.05823	1.28937	0.78645
0.589 - 0.807	0.70875	0.79738	0.59761	0.80568	1.06762	0.58260
0.371 - 0.589	0.46352	0.56643	0.38254	0.50873	0.70185	0.27582
0.153 - 0.371	0.26975	0.36414	0.15397	0.33385	0.54283	0.10695
-0.064 - 0.153	0.05205	0.15184	-0.05298	0.00568	0.22991	-0.17792
-0.282 - -0.064	-0.15804	-0.06721	-0.28104	-0.17889	0.07301	-0.37386
-0.500 - -0.282	-0.39306	-0.29310	-0.49223	-0.41943	-0.14129	-0.65958
-0.718 - -0.500	-0.60036	-0.50823	-0.69671	-0.68362	-0.48044	-0.89192
-0.936 - -0.718	-0.83008	-0.72475	-0.92595	-0.91136	-0.62872	-1.14437
-1.154 - -0.936	-1.04053	-0.93924	-1.15136	-1.13906	-0.94838	-1.37563
-1.372 - -1.154	-1.27259	-1.18814	-1.36901	-1.44202	-1.24107	-1.68223
-1.590 - -1.372	-1.47593	-1.37803	-1.58377	-1.58655	-1.29713	-1.71804
-1.808 - -1.590	-1.67614	-1.60414	-1.80376	-1.85142	-1.65597	-2.12003
-2.026 - -1.808	-1.88061	-1.82211	-2.02570	-2.05431	-1.90123	-2.14837

Node=Gradient Boosting Tuned 2

Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.029 - 2.246	2.24555	2.24555	2.24555	2.53080	2.53080	2.53080
1.813 - 2.029	1.97890	1.97890	1.97890	2.14157	2.14157	2.14157
1.597 - 1.813	1.67804	1.76405	1.60772	1.83333	1.93737	1.71506
1.381 - 1.597	1.45843	1.59067	1.39764	1.60946	1.85573	1.39090
1.165 - 1.381	1.28604	1.37712	1.18636	1.45306	1.63467	1.26278
0.949 - 1.165	1.03926	1.15340	0.95002	1.17148	1.40120	0.98677
0.733 - 0.949	0.83091	0.93759	0.73609	0.93552	1.16190	0.60913
0.517 - 0.733	0.62102	0.72753	0.52765	0.71612	0.99693	0.49766
0.301 - 0.517	0.41203	0.50407	0.30650	0.46229	0.68168	0.11612
0.084 - 0.301	0.18987	0.29607	0.08726	0.20357	0.51716	-0.03736
-0.132 - 0.084	-0.01877	0.07738	-0.12879	-0.03197	0.20746	-0.23974
-0.348 - -0.132	-0.22095	-0.14212	-0.34137	-0.28378	-0.09689	-0.58179
-0.564 - -0.348	-0.44924	-0.36290	-0.55766	-0.47244	-0.14129	-0.77931
-0.780 - -0.564	-0.67248	-0.57225	-0.77303	-0.74238	-0.48044	-1.00612
-0.996 - -0.780	-0.88819	-0.79104	-0.99607	-0.99095	-0.66643	-1.23865
-1.212 - -0.996	-1.10422	-1.00978	-1.21124	-1.23819	-0.94838	-1.45147
-1.428 - -1.212	-1.32090	-1.21438	-1.40699	-1.47274	-1.12700	-1.71804
-1.644 - -1.428	-1.55437	-1.43152	-1.63473	-1.74612	-1.54033	-2.12003
-1.861 - -1.644	-1.74693	-1.67266	-1.83245	-1.91800	-1.66099	-2.12353
-2.077 - -1.861	-1.94108	-1.86269	-2.07664	-2.10604	-2.03918	-2.14837

Node=Gradient Boosting Tuned 2

Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.777 - 1.979	1.97890	1.97890	1.97890	2.14157	2.14157	2.14157
1.575 - 1.777	1.68944	1.77196	1.60400	1.79687	1.91976	1.71506
1.373 - 1.575	1.42993	1.48899	1.37437	1.55346	1.67589	1.42447
1.171 - 1.373	1.23180	1.36638	1.17261	1.29551	1.54488	-0.02569
0.969 - 1.171	1.07302	1.16522	0.97469	1.08719	1.74649	-0.17792
0.767 - 0.969	0.87795	0.96662	0.77860	1.03154	2.53080	0.11612
0.565 - 0.767	0.65451	0.76097	0.56490	0.63466	1.69572	-0.89192
0.363 - 0.565	0.45164	0.55075	0.36809	0.49069	1.65154	-2.12353
0.161 - 0.363	0.26298	0.36246	0.16469	0.34988	1.19704	-0.71719
-0.041 - 0.161	0.05088	0.15135	-0.03628	0.07729	1.14354	-0.21681
-0.243 - -0.041	-0.13810	-0.04945	-0.24129	-0.16103	0.95030	-0.75757
-0.446 - -0.243	-0.33857	-0.24844	-0.44452	-0.27054	1.40120	-1.66099
-0.648 - -0.446	-0.55381	-0.46845	-0.64252	-0.48588	1.93737	-1.33329
-0.850 - -0.648	-0.77724	-0.67996	-0.84092	-0.69793	0.44271	-1.00612
-1.052 - -0.850	-0.95660	-0.85338	-1.04225	-1.01049	-0.10148	-1.29713
-1.254 - -1.052	-1.14466	-1.06021	-1.24942	-1.32415	-0.96273	-2.00400
-1.456 - -1.254	-1.38856	-1.27052	-1.45228	-1.58095	-1.31134	-1.71804
-1.658 - -1.456	-1.55483	-1.47638	-1.62059	-1.65479	-1.41445	-1.79468
-1.860 - -1.658	-1.77251	-1.67043	-1.84701	-1.93103	-1.77371	-2.03918
-2.062 - -1.860	-1.94667	-1.86568	-2.06179	-2.10224	-1.98839	-2.14837

Node=Gradient Boosting Tuned 2

Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	345
2	^(fold_=2)	346
3	^(fold_=3)	344
4	^(fold_=4)	346
5	^(fold_=5)	334
6	^(fold_=6)	343
7	^(fold_=7)	348
8	^(fold_=8)	345

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp10
 Node label = End Groups
 Meta path = Ids => Trans => Grp10 => Boost4 => EndGrp10
 Notes =

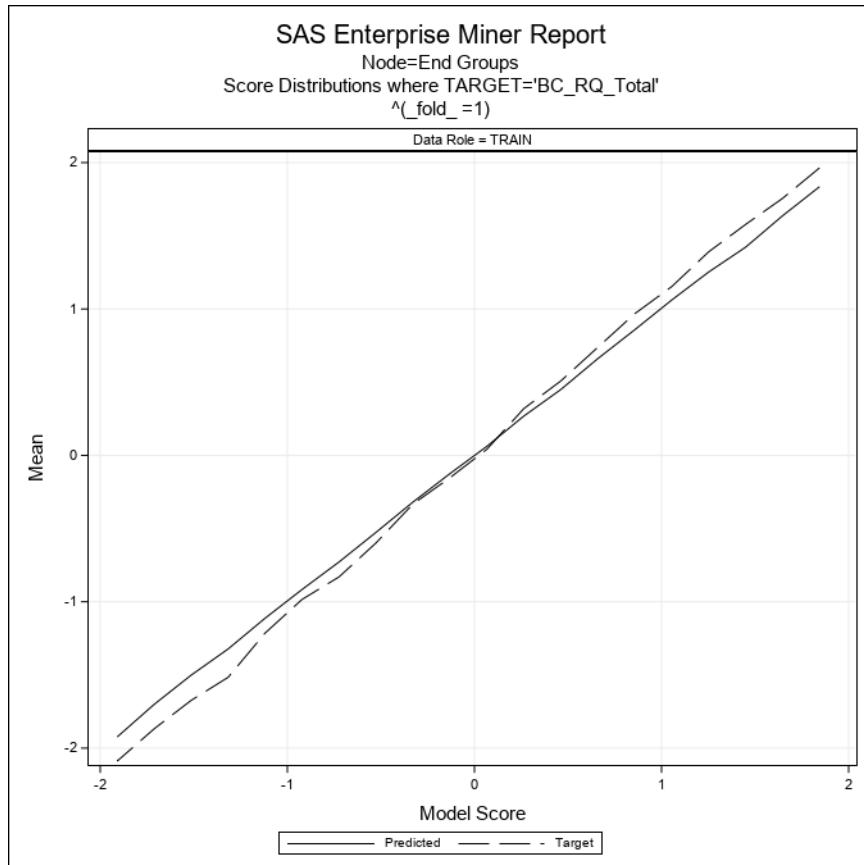
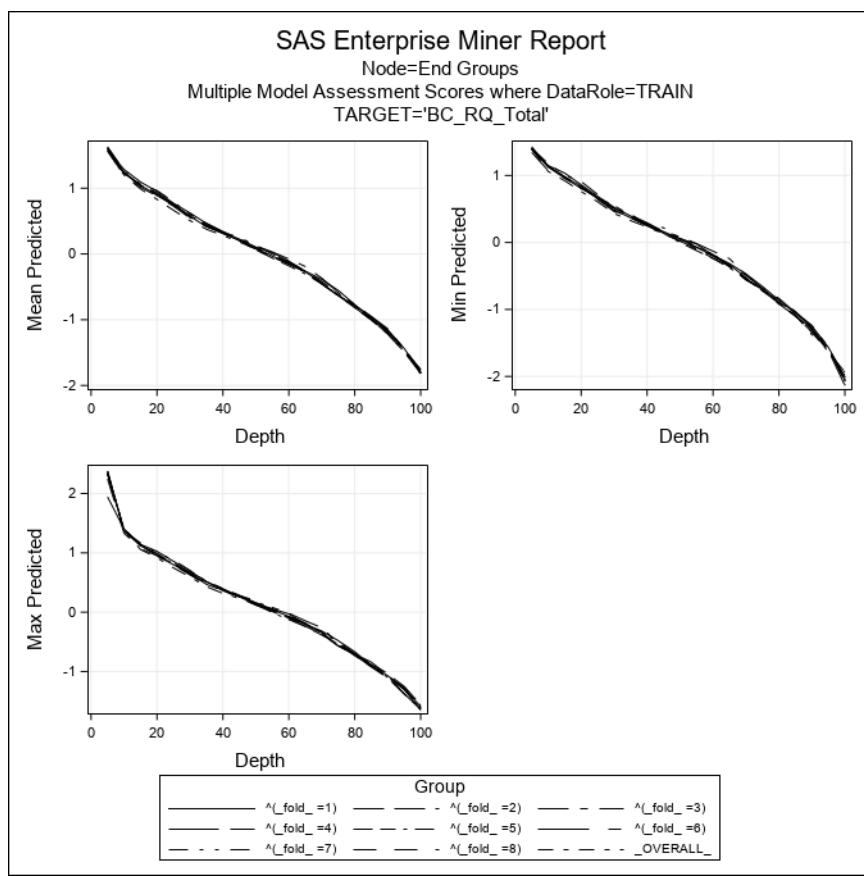
Node=End Groups Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

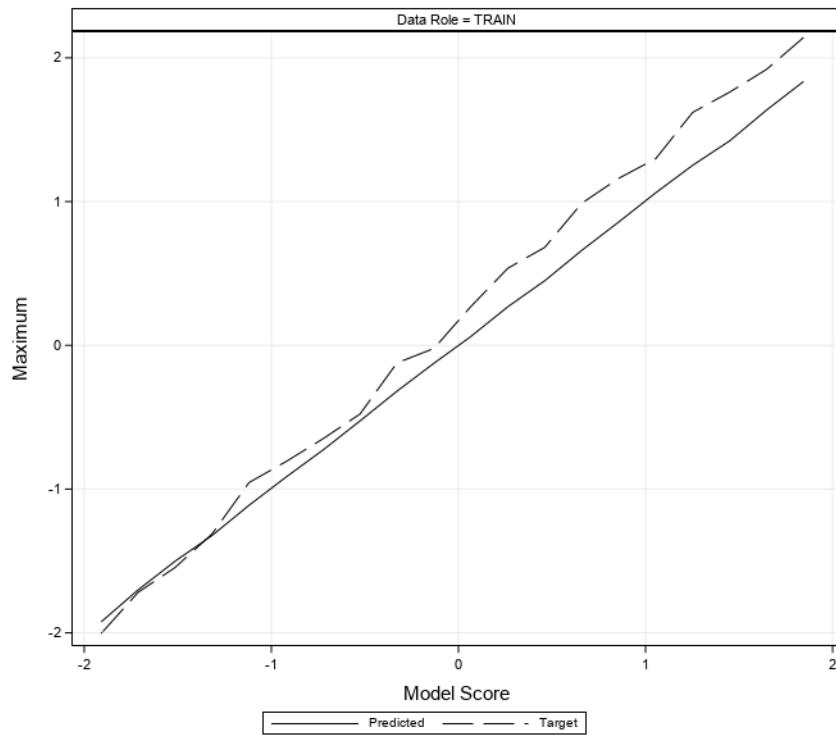
Node=End Groups Variable Summary

Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAtot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

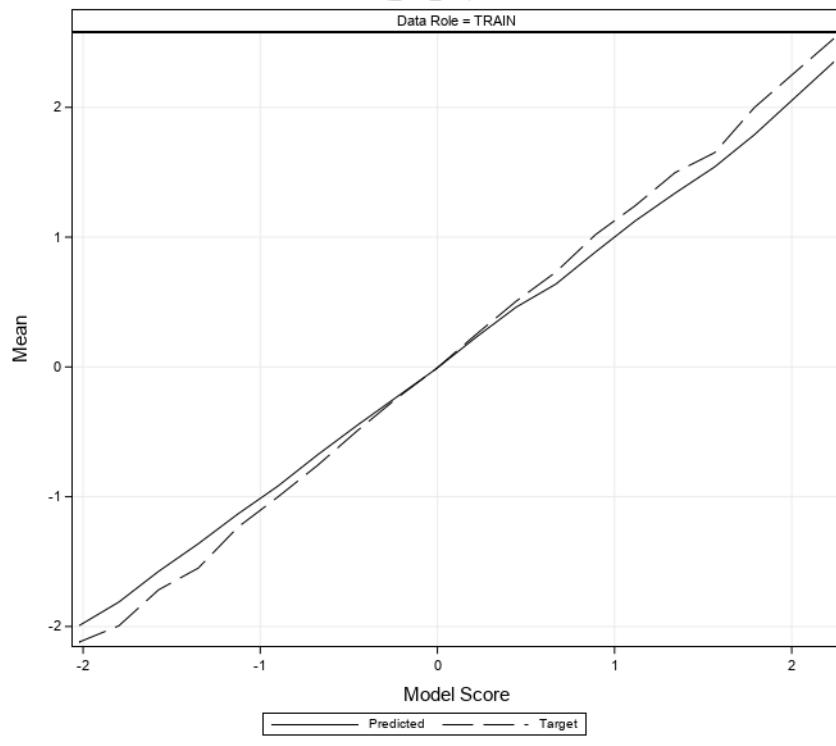
Group Index	Group	ModelId	Train: Target Variable	Train:		Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Total Degrees of Freedom		Target Label
				Sum of Case Frequencies	Times Freq							Average Squared Error	Degrees of Freedom	
1	^(fold_=1)	Boost4	BC_RQ_Total	338	338	0.40870	5.9167	0.01750	0.13231	338	338	ReQuest (total score) (Box-Cox transformed)		
2	^(fold_=2)	Boost4	BC_RQ_Total	340	340	0.50945	7.5456	0.02219	0.14897	340	340	ReQuest (total score) (Box-Cox transformed)		
3	^(fold_=3)	Boost4	BC_RQ_Total	349	349	0.46875	7.9032	0.02265	0.15048	349	349	ReQuest (total score) (Box-Cox transformed)		
4	^(fold_=4)	Boost4	BC_RQ_Total	345	345	0.37729	6.2857	0.01822	0.13498	345	345	ReQuest (total score) (Box-Cox transformed)		
5	^(fold_=5)	Boost4	BC_RQ_Total	345	345	0.42644	7.4330	0.02154	0.14678	345	345	ReQuest (total score) (Box-Cox transformed)		
6	^(fold_=6)	Boost4	BC_RQ_Total	349	349	0.36019	6.9664	0.01996	0.14128	349	349	ReQuest (total score) (Box-Cox transformed)		
7	^(fold_=7)	Boost4	BC_RQ_Total	331	331	0.38039	6.1569	0.01860	0.13639	331	331	ReQuest (total score) (Box-Cox transformed)		
8	^(fold_=8)	Boost4	BC_RQ_Total	340	340	0.48529	7.7016	0.02265	0.15050	340	340	ReQuest (total score) (Box-Cox transformed)		
9	_OVERALL_		BC_RQ_Total	393	.	2.50953	63.9550	0.16274	0.40340	393	.	ReQuest (total score) (Box-Cox transformed)		

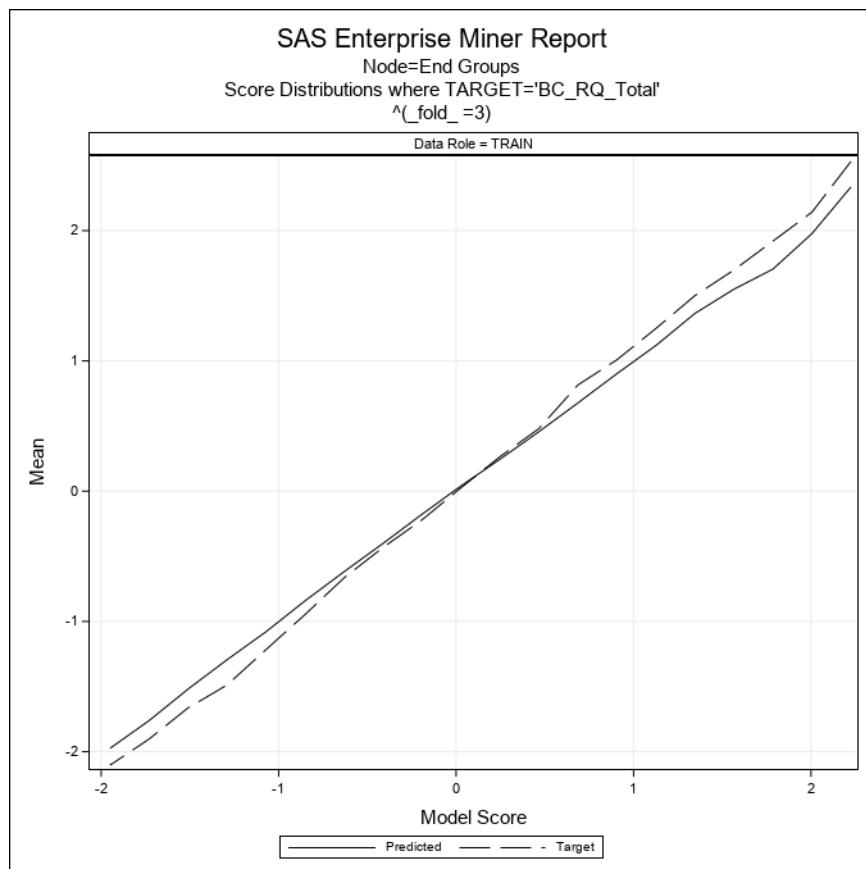
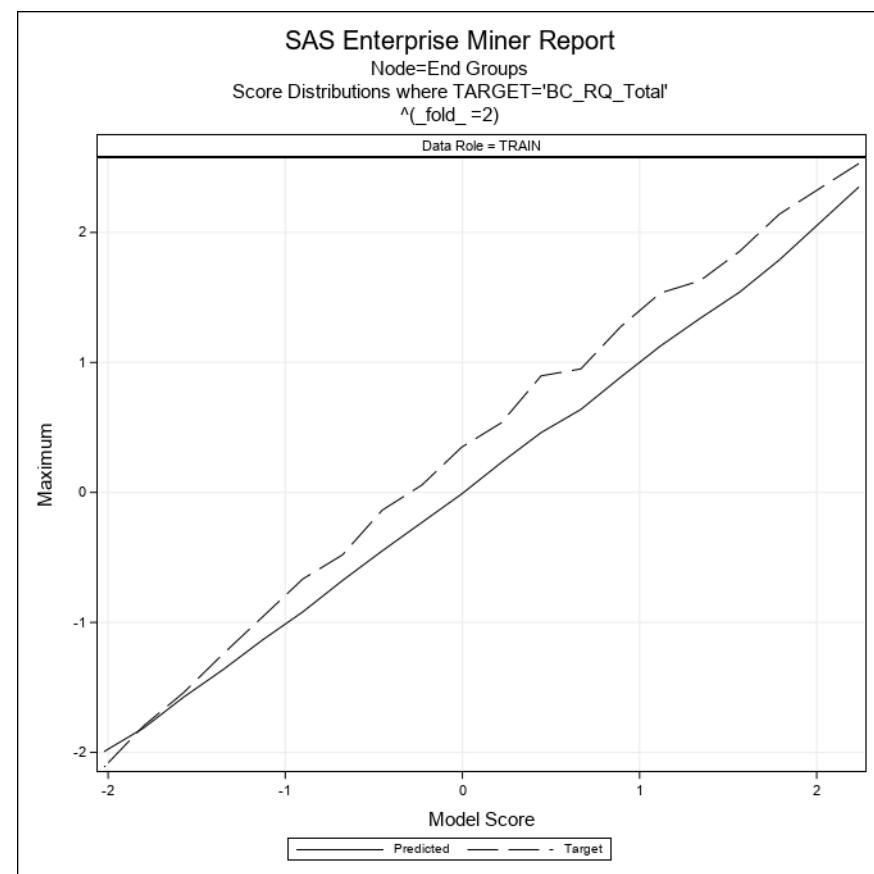


SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=1)

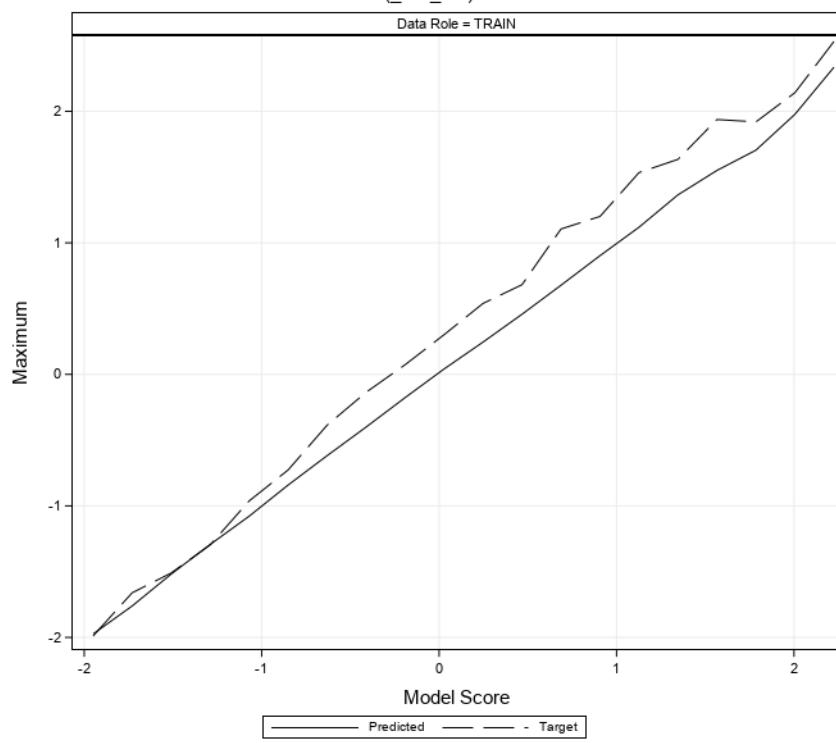


SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)

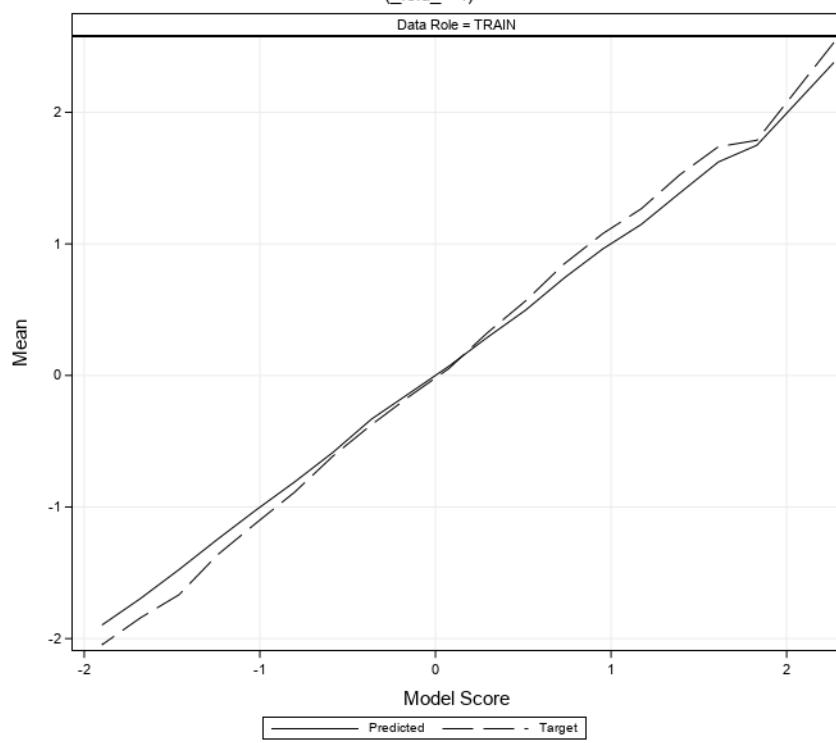


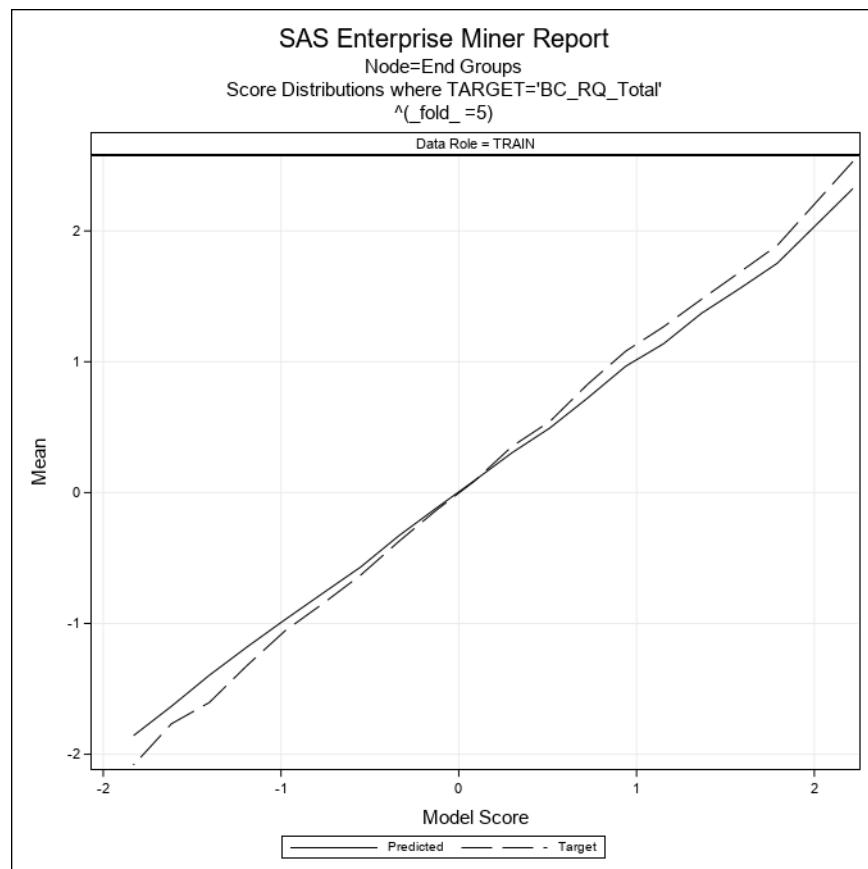
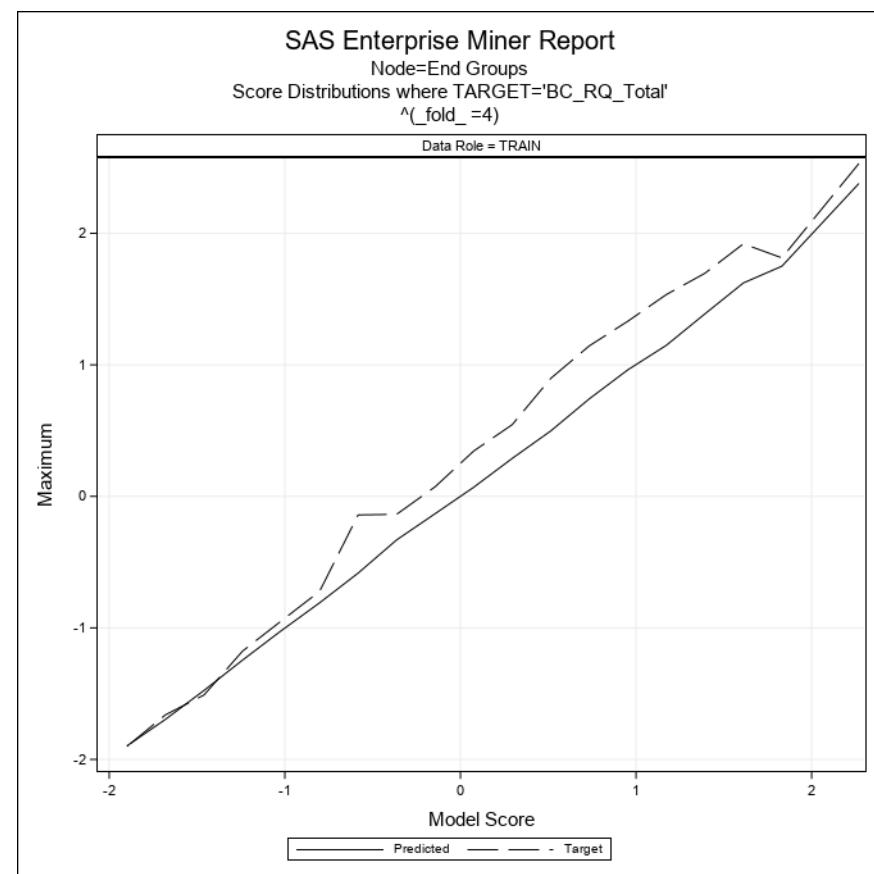


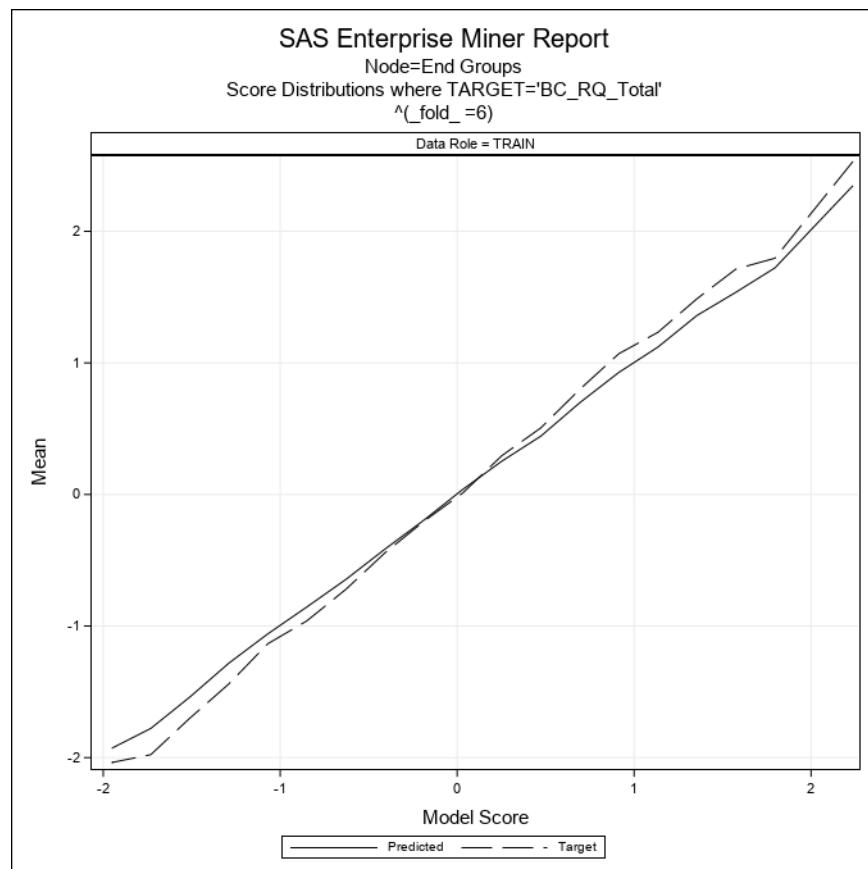
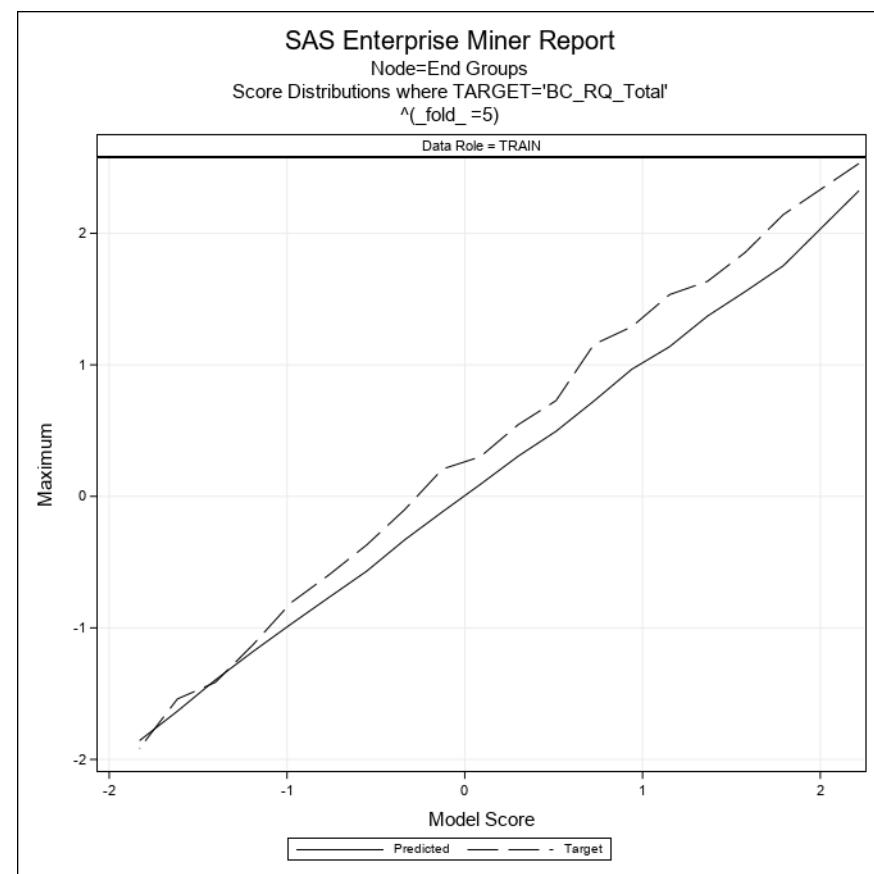
SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)

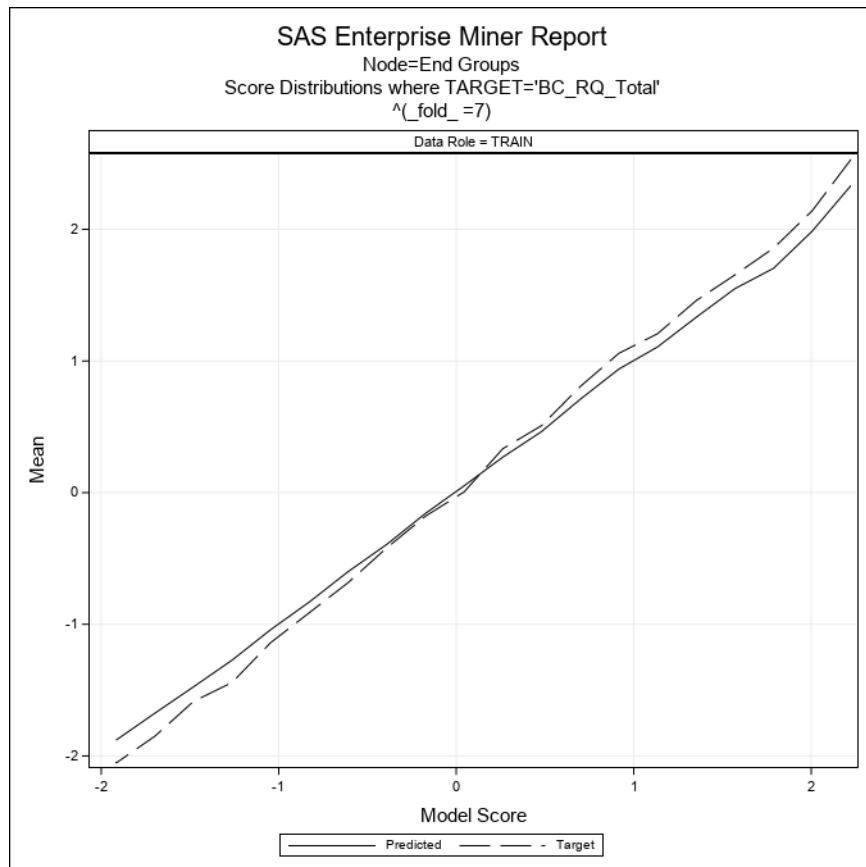
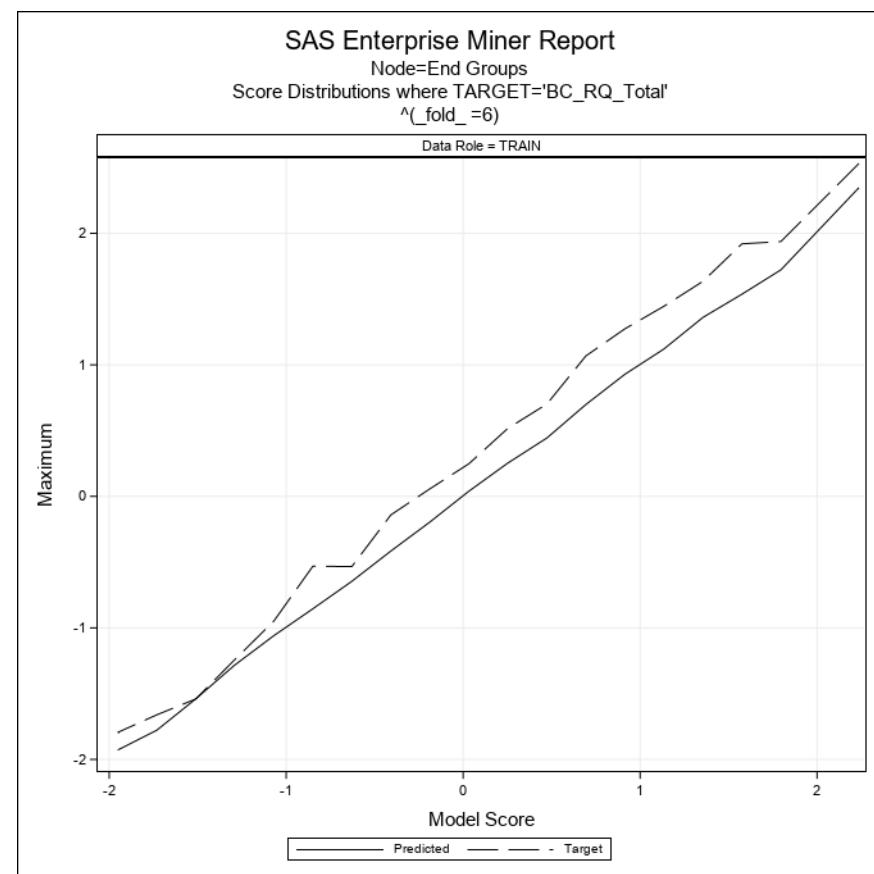


SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=4)

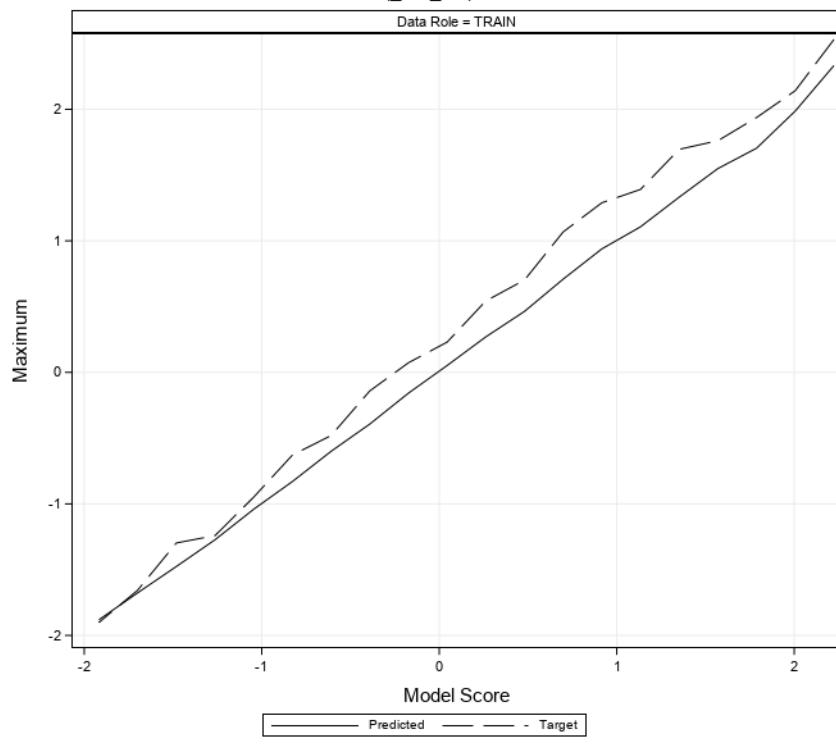




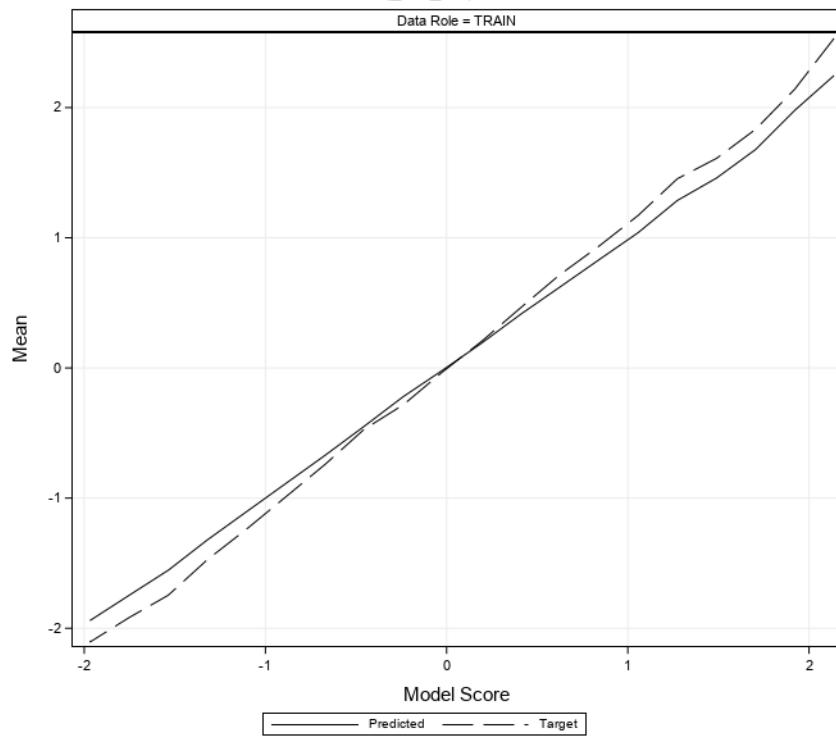


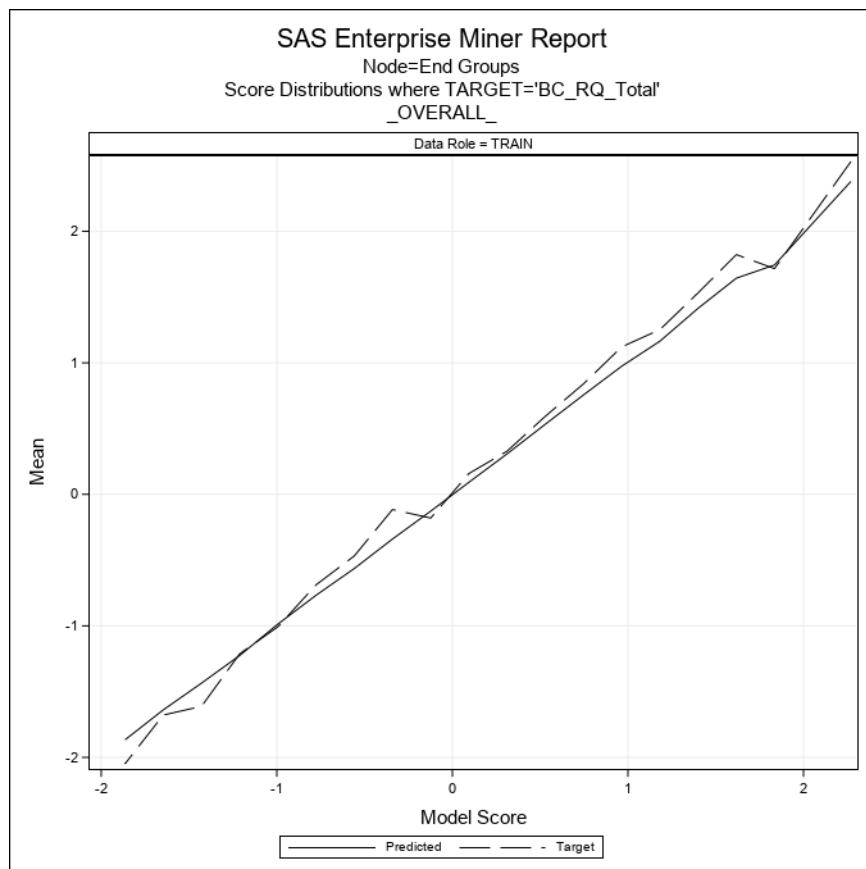
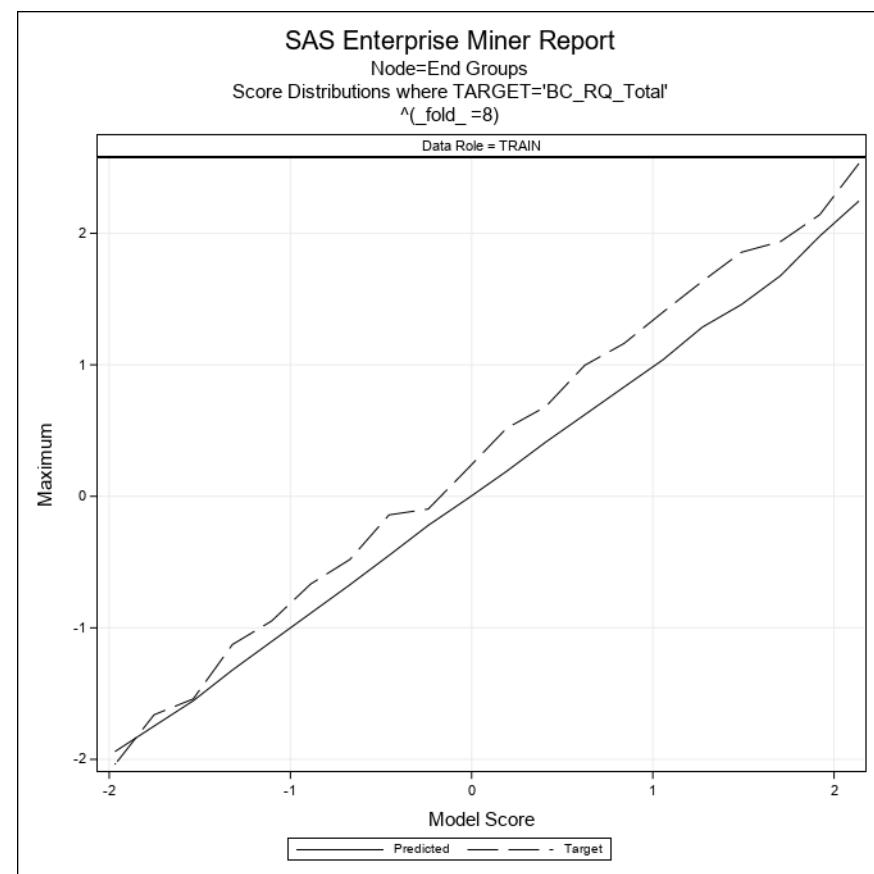


SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)



SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=8)







Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.746 - 1.943	1.83542	1.94320	1.77196	1.96411	2.14157	1.81338
1.548 - 1.746	1.63681	1.72093	1.55035	1.75569	1.91976	1.65154
1.351 - 1.548	1.42211	1.51108	1.35582	1.57759	1.76112	1.42447
1.153 - 1.351	1.25239	1.32662	1.16522	1.39030	1.62035	1.26278
0.955 - 1.153	1.06096	1.14793	0.95598	1.15267	1.29809	0.98213
0.758 - 0.955	0.85793	0.94770	0.75801	0.96743	1.16190	0.80803
0.560 - 0.758	0.66052	0.74773	0.56867	0.73767	0.98831	0.44077
0.363 - 0.560	0.44962	0.52397	0.36326	0.50813	0.68168	0.34274
0.165 - 0.363	0.26844	0.36255	0.17416	0.31939	0.53607	0.11612
-0.032 - 0.165	0.06156	0.15841	-0.02868	0.04147	0.26980	-0.20799
-0.230 - -0.032	-0.12490	-0.04511	-0.22482	-0.15298	-0.02176	-0.33564
-0.428 - -0.230	-0.31914	-0.23883	-0.41276	-0.33294	-0.12240	-0.65958
-0.625 - -0.428	-0.52612	-0.43212	-0.62141	-0.59840	-0.47835	-0.74820
-0.823 - -0.625	-0.72829	-0.64252	-0.82208	-0.83039	-0.64981	-1.00612
-1.020 - -0.823	-0.91636	-0.82466	-1.01014	-0.98416	-0.80863	-1.24019
-1.218 - -1.020	-1.11256	-1.02484	-1.20069	-1.21408	-0.95440	-1.39504
-1.415 - -1.218	-1.32257	-1.23668	-1.41265	-1.51635	-1.31134	-1.68223
-1.613 - -1.415	-1.50147	-1.42546	-1.59717	-1.67376	-1.54517	-1.77371
-1.810 - -1.613	-1.70096	-1.65017	-1.74455	-1.86797	-1.71795	-1.98839
-2.008 - -1.810	-1.92341	-1.84702	-2.00799	-2.08842	-2.00400	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.126 - 2.350	2.35045	2.35045	2.35045	2.53080	2.53080	2.53080
1.678 - 1.902	1.78981	1.84717	1.71717	1.99957	2.14157	1.91976
1.453 - 1.678	1.54185	1.65007	1.48006	1.65130	1.85573	1.44516
1.229 - 1.453	1.33875	1.42763	1.23774	1.49715	1.62835	1.34601
1.005 - 1.229	1.12577	1.22596	1.01573	1.24297	1.53402	1.01263
0.781 - 1.005	0.88621	1.00006	0.78510	1.01977	1.27377	0.78030
0.556 - 0.781	0.63828	0.72044	0.55907	0.73084	0.95030	0.53918
0.332 - 0.556	0.46044	0.53542	0.33591	0.50594	0.89675	0.26486
0.108 - 0.332	0.23056	0.33160	0.11537	0.25232	0.53607	-0.02569
-0.116 - 0.108	-0.01200	0.10734	-0.11553	-0.01051	0.34779	-0.32382
-0.341 - -0.116	-0.23068	-0.13029	-0.31697	-0.24054	0.05719	-0.43311
-0.565 - -0.341	-0.44976	-0.35576	-0.55795	-0.49249	-0.13661	-0.65958
-0.789 - -0.565	-0.67786	-0.56628	-0.78897	-0.75870	-0.48044	-1.14437
-1.013 - -0.789	-0.91908	-0.79723	-1.00306	-1.00250	-0.66623	-1.24019
-1.238 - -1.013	-1.13226	-1.01388	-1.23620	-1.23415	-0.95440	-1.44120
-1.462 - -1.238	-1.36236	-1.24942	-1.45547	-1.54970	-1.24107	-1.77371
-1.686 - -1.462	-1.57525	-1.49043	-1.66956	-1.71758	-1.54033	-1.98818
-1.910 - -1.686	-1.81156	-1.72236	-1.88178	-1.99459	-1.79468	-2.14837
-2.135 - -1.910	-1.99344	-1.91351	-2.13450	-2.12004	-2.11306	-2.12353

Node=End Groups Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.115 - 2.335	2.33493	2.33493	2.33493	2.53080	2.53080	2.53080
1.895 - 2.115	1.97724	1.97724	1.97724	2.14157	2.14157	2.14157
1.676 - 1.895	1.70465	1.70465	1.70465	1.91976	1.91976	1.91976
1.456 - 1.676	1.55040	1.63943	1.46089	1.69773	1.93737	1.48934
1.236 - 1.456	1.36483	1.45248	1.26558	1.50128	1.63467	1.35740
1.017 - 1.236	1.11857	1.22868	1.02021	1.24941	1.53402	1.04524
0.797 - 1.017	0.90238	1.00189	0.79846	1.00894	1.20060	0.68366
0.577 - 0.797	0.67769	0.79208	0.58114	0.81556	1.10521	0.48509
0.357 - 0.577	0.45701	0.56636	0.36063	0.48094	0.68168	0.31162
0.138 - 0.357	0.24541	0.35626	0.14137	0.26499	0.53918	-0.25596
-0.082 - 0.138	0.04065	0.12905	-0.04426	0.02616	0.30123	-0.24319
-0.302 - -0.082	-0.17727	-0.08368	-0.30138	-0.22033	0.07301	-0.58179
-0.522 - -0.302	-0.40087	-0.30910	-0.51942	-0.43225	-0.13661	-0.65958
-0.741 - -0.522	-0.61835	-0.52816	-0.72624	-0.66530	-0.38667	-0.95512
-0.961 - -0.741	-0.84163	-0.74177	-0.96093	-0.94682	-0.72713	-1.19363
-1.181 - -0.961	-1.07871	-0.97018	-1.16829	-1.21573	-0.96273	-1.45147
-1.400 - -1.181	-1.29382	-1.22332	-1.39903	-1.48780	-1.29713	-1.71804
-1.620 - -1.400	-1.51890	-1.40301	-1.61558	-1.66368	-1.51040	-1.79468
-1.840 - -1.620	-1.76111	-1.67222	-1.83698	-1.90279	-1.66099	-2.03918
-2.060 - -1.840	-1.97391	-1.88954	-2.05965	-2.10282	-1.98839	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.160 - 2.379	2.37901	2.37901	2.37901	2.53080	2.53080	2.53080
1.721 - 1.940	1.74973	1.77117	1.72830	1.78725	1.81338	1.76112
1.501 - 1.721	1.62241	1.72053	1.54291	1.73862	1.91976	1.62835
1.282 - 1.501	1.38702	1.47538	1.28673	1.52552	1.69572	1.35740
1.063 - 1.282	1.14822	1.27334	1.07591	1.26710	1.53402	1.04524
0.843 - 1.063	0.96163	1.05270	0.85344	1.07798	1.33127	0.78645
0.624 - 0.843	0.74121	0.84125	0.62998	0.84829	1.14395	0.48813
0.405 - 0.624	0.49723	0.62371	0.40683	0.56773	0.89675	0.34455
0.185 - 0.405	0.28852	0.40122	0.18734	0.32306	0.54507	0.00957
-0.034 - 0.185	0.06905	0.17854	-0.03073	0.05143	0.34447	-0.21681
-0.254 - -0.034	-0.13154	-0.04756	-0.25134	-0.15470	0.07301	-0.43311
-0.473 - -0.254	-0.33113	-0.26425	-0.44628	-0.37381	-0.13661	-0.58179
-0.692 - -0.473	-0.58364	-0.48687	-0.68422	-0.61198	-0.14129	-0.87824
-0.912 - -0.692	-0.80957	-0.69573	-0.91135	-0.88748	-0.72223	-1.00612
-1.131 - -0.912	-1.02249	-0.91248	-1.12736	-1.12242	-0.94838	-1.24826
-1.351 - -1.131	-1.24514	-1.13943	-1.32532	-1.36335	-1.17661	-1.54517
-1.570 - -1.351	-1.47560	-1.36216	-1.56952	-1.66685	-1.51040	-1.75125
-1.789 - -1.570	-1.69542	-1.60720	-1.77205	-1.84225	-1.66099	-2.12353
-2.009 - -1.789	-1.89716	-1.83078	-2.00872	-2.04733	-1.90123	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.111 - 2.324	2.32366	2.32366	2.32366	2.53080	2.53080	2.53080
1.685 - 1.898	1.75261	1.87894	1.69072	1.88878	2.14157	1.71506
1.472 - 1.685	1.55776	1.63396	1.47305	1.68243	1.85573	1.42447
1.259 - 1.472	1.37038	1.45152	1.26822	1.47764	1.63467	1.35740
1.046 - 1.259	1.13802	1.24963	1.05342	1.26789	1.53402	0.98677
0.833 - 1.046	0.96606	1.03534	0.84689	1.08108	1.28937	0.78645
0.620 - 0.833	0.72467	0.82883	0.63993	0.82982	1.15516	0.44077
0.407 - 0.620	0.49484	0.60597	0.40723	0.54467	0.72777	0.33679
0.194 - 0.407	0.30542	0.40152	0.19545	0.35404	0.54507	-0.03609
-0.019 - 0.194	0.09099	0.18993	-0.01091	0.08712	0.30123	-0.14273
-0.232 - -0.019	-0.11760	-0.02283	-0.22536	-0.13357	0.20746	-0.39169
-0.445 - -0.232	-0.33111	-0.23490	-0.44475	-0.37495	-0.10148	-0.68844
-0.658 - -0.445	-0.56844	-0.46019	-0.65591	-0.63020	-0.36894	-0.91229
-0.871 - -0.658	-0.76874	-0.67918	-0.86741	-0.84857	-0.59748	-1.22281
-1.084 - -0.871	-0.97111	-0.87626	-1.08064	-1.05676	-0.80863	-1.24826
-1.297 - -1.084	-1.17910	-1.08455	-1.27052	-1.32058	-1.12700	-1.66999
-1.510 - -1.297	-1.39636	-1.30689	-1.48051	-1.60420	-1.41445	-1.75125
-1.723 - -1.510	-1.63329	-1.54237	-1.71664	-1.76714	-1.54033	-2.00400
-1.936 - -1.723	-1.85714	-1.73908	-1.93585	-2.08257	-1.91626	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.126 - 2.347	2.34683	2.34683	2.34683	2.53080	2.53080	2.53080
1.686 - 1.906	1.72215	1.74410	1.70194	1.79549	1.93737	1.71506
1.465 - 1.686	1.53688	1.67819	1.48899	1.71325	1.91976	1.54226
1.245 - 1.465	1.36022	1.44439	1.24490	1.48718	1.63467	1.35740
1.024 - 1.245	1.12025	1.21410	1.02466	1.23228	1.44516	1.04524
0.804 - 1.024	0.92808	1.00537	0.82623	1.07015	1.27377	0.94902
0.583 - 0.804	0.69818	0.80006	0.58798	0.79961	1.06762	0.53321
0.363 - 0.583	0.44375	0.57275	0.36347	0.50661	0.70185	0.30123
0.143 - 0.363	0.25329	0.36274	0.14315	0.29516	0.51716	-0.03736
-0.078 - 0.143	0.03908	0.13639	-0.07379	0.01181	0.24767	-0.21681
-0.298 - -0.078	-0.19539	-0.07822	-0.29287	-0.20399	0.05719	-0.49605
-0.519 - -0.298	-0.41581	-0.30715	-0.51619	-0.44438	-0.14129	-0.65958
-0.739 - -0.519	-0.64587	-0.52612	-0.73534	-0.72118	-0.53404	-0.93832
-0.960 - -0.739	-0.85498	-0.75652	-0.95861	-0.96072	-0.53127	-1.23865
-1.180 - -0.960	-1.05923	-0.97071	-1.15700	-1.13437	-0.94838	-1.37563
-1.400 - -1.180	-1.28218	-1.19401	-1.37739	-1.43986	-1.24107	-1.71804
-1.621 - -1.400	-1.53957	-1.41823	-1.61820	-1.70026	-1.54033	-1.93471
-1.841 - -1.621	-1.77795	-1.62927	-1.83998	-1.97732	-1.66099	-2.12353
-2.062 - -1.841	-1.92863	-1.85370	-2.06179	-2.03715	-1.79468	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.115 - 2.333	2.33253	2.33253	2.33253	2.53080	2.53080	2.53080
1.897 - 2.115	1.98677	1.98677	1.98677	2.14157	2.14157	2.14157
1.679 - 1.897	1.70423	1.71562	1.69334	1.85725	1.93737	1.71614
1.461 - 1.679	1.54947	1.64888	1.46140	1.65400	1.76112	1.51134
1.243 - 1.461	1.33224	1.45735	1.24360	1.45891	1.69572	1.11309
1.025 - 1.243	1.10673	1.23175	1.02651	1.20717	1.39090	1.01263
0.807 - 1.025	0.93868	1.01539	0.81780	1.05823	1.28937	0.78645
0.589 - 0.807	0.70875	0.79738	0.59761	0.80568	1.06762	0.58260
0.371 - 0.589	0.46352	0.56643	0.38254	0.50873	0.70185	0.27582
0.153 - 0.371	0.26975	0.36414	0.15397	0.33385	0.54283	0.10695
-0.064 - 0.153	0.05205	0.15184	-0.05298	0.00568	0.22991	-0.17792
-0.282 - -0.064	-0.15804	-0.06721	-0.28104	-0.17889	0.07301	-0.37386
-0.500 - -0.282	-0.39306	-0.29310	-0.49223	-0.41943	-0.14129	-0.65958
-0.718 - -0.500	-0.60036	-0.50823	-0.69671	-0.68362	-0.48044	-0.89192
-0.936 - -0.718	-0.83008	-0.72475	-0.92595	-0.91136	-0.62872	-1.14437
-1.154 - -0.936	-1.04053	-0.93924	-1.15136	-1.13906	-0.94838	-1.37563
-1.372 - -1.154	-1.27259	-1.18814	-1.36901	-1.44202	-1.24107	-1.68223
-1.590 - -1.372	-1.47593	-1.37803	-1.58377	-1.58655	-1.29713	-1.71804
-1.808 - -1.590	-1.67614	-1.60414	-1.80376	-1.85142	-1.65597	-2.12003
-2.026 - -1.808	-1.88061	-1.82211	-2.02570	-2.05431	-1.90123	-2.14837

Node=End Groups Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.029 - 2.246	2.24555	2.24555	2.24555	2.53080	2.53080	2.53080
1.813 - 2.029	1.97890	1.97890	1.97890	2.14157	2.14157	2.14157
1.597 - 1.813	1.67804	1.76405	1.60772	1.83333	1.93737	1.71506
1.381 - 1.597	1.45843	1.59067	1.39764	1.60946	1.85573	1.39090
1.165 - 1.381	1.28604	1.37712	1.18636	1.45306	1.63467	1.26278
0.949 - 1.165	1.03926	1.15340	0.95002	1.17148	1.40120	0.98677
0.733 - 0.949	0.83091	0.93759	0.73609	0.93552	1.16190	0.60913
0.517 - 0.733	0.62102	0.72753	0.52765	0.71612	0.99693	0.49766
0.301 - 0.517	0.41203	0.50407	0.30650	0.46229	0.68168	0.11612
0.084 - 0.301	0.18987	0.29607	0.08726	0.20357	0.51716	-0.03736
-0.132 - 0.084	-0.01877	0.07738	-0.12879	-0.03197	0.20746	-0.23974
-0.348 - -0.132	-0.22095	-0.14212	-0.34137	-0.28378	-0.09689	-0.58179
-0.564 - -0.348	-0.44924	-0.36290	-0.55766	-0.47244	-0.14129	-0.77931
-0.780 - -0.564	-0.67248	-0.57225	-0.77303	-0.74238	-0.48044	-1.00612
-0.996 - -0.780	-0.88819	-0.79104	-0.99607	-0.99095	-0.66643	-1.23865
-1.212 - -0.996	-1.10422	-1.00978	-1.21124	-1.23819	-0.94838	-1.45147
-1.428 - -1.212	-1.32090	-1.21438	-1.40699	-1.47274	-1.12700	-1.71804
-1.644 - -1.428	-1.55437	-1.43152	-1.63473	-1.74612	-1.54033	-2.12003
-1.861 - -1.644	-1.74693	-1.67266	-1.83245	-1.91800	-1.66099	-2.12353
-2.077 - -1.861	-1.94108	-1.86269	-2.07664	-2.10604	-2.03918	-2.14837

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.161 - 2.379	2.37901	2.37901	2.37901	2.53080	2.53080	2.53080
1.726 - 1.944	1.74410	1.74410	1.74410	1.71614	1.71614	1.71614
1.509 - 1.726	1.64339	1.71717	1.51108	1.82259	1.93737	1.71506
1.291 - 1.509	1.41476	1.48554	1.32309	1.53203	1.69572	1.35740
1.073 - 1.291	1.16435	1.26721	1.08312	1.25241	1.53402	1.04524
0.856 - 1.073	0.97413	1.06112	0.87299	1.12129	1.33889	0.83823
0.638 - 0.856	0.75574	0.85296	0.63984	0.83998	1.14395	0.44077
0.421 - 0.638	0.53287	0.63802	0.42060	0.59319	1.22217	-0.17792
0.203 - 0.421	0.30797	0.41932	0.20380	0.32841	1.19704	-0.71719
-0.015 - 0.203	0.09151	0.20206	-0.01430	0.15810	1.81338	-0.72713
-0.232 - -0.015	-0.12793	-0.01691	-0.21912	-0.18059	0.95030	-1.51040
-0.450 - -0.232	-0.33981	-0.23506	-0.44231	-0.11565	2.14157	-0.65958
-0.667 - -0.450	-0.56400	-0.46322	-0.66672	-0.46848	1.10018	-0.87824
-0.885 - -0.667	-0.76728	-0.69007	-0.88044	-0.68804	0.88374	-1.12723
-1.103 - -0.885	-0.98667	-0.88796	-1.08657	-1.00710	0.64939	-1.33329
-1.320 - -1.103	-1.22540	-1.11162	-1.31004	-1.21263	0.25085	-1.54517
-1.538 - -1.320	-1.43570	-1.36261	-1.53421	-1.61214	-1.29713	-1.72334
-1.755 - -1.538	-1.63888	-1.55172	-1.74953	-1.67811	-0.59748	-2.03918
-1.973 - -1.755	-1.86623	-1.78438	-1.97309	-2.04882	-1.90123	-2.14837

Node=End Groups Summary

Group Index	Group	Frequency Count
1	$\wedge(\text{fold_}=1)$	345
2	$\wedge(\text{fold_}=2)$	346
3	$\wedge(\text{fold_}=3)$	344
4	$\wedge(\text{fold_}=4)$	346
5	$\wedge(\text{fold_}=5)$	334
6	$\wedge(\text{fold_}=6)$	343
7	$\wedge(\text{fold_}=7)$	348
8	$\wedge(\text{fold_}=8)$	345

SAS Enterprise Miner Report

Node=HP Neural two layers Summary

Node id = HPNNA4
 Node label = HP Neural two layers
 Meta path = Ids => Trans => Grp4 => HPNNA4
 Notes =

Node=HP Neural two layers Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	HPDMNeural		MAXITER	1000	300	TargetActivation	IDENTITY	
ARCHITECTURE	LAYER2	LAYER1	MAXLINKS	1000		TargetError	NORMAL	
DIRECTCONN	N		MISSASLVL	N		TargetStd	NONE	RANGE
HIDDEN	7	3	NUMTRIES	2		ToolType	MODEL	
HIDDENLAYERS	3		OPTMETHOD	LBFGS		USEINVERSE	N	
InputStd	RANGE		TableEditor			USEVALID	N	

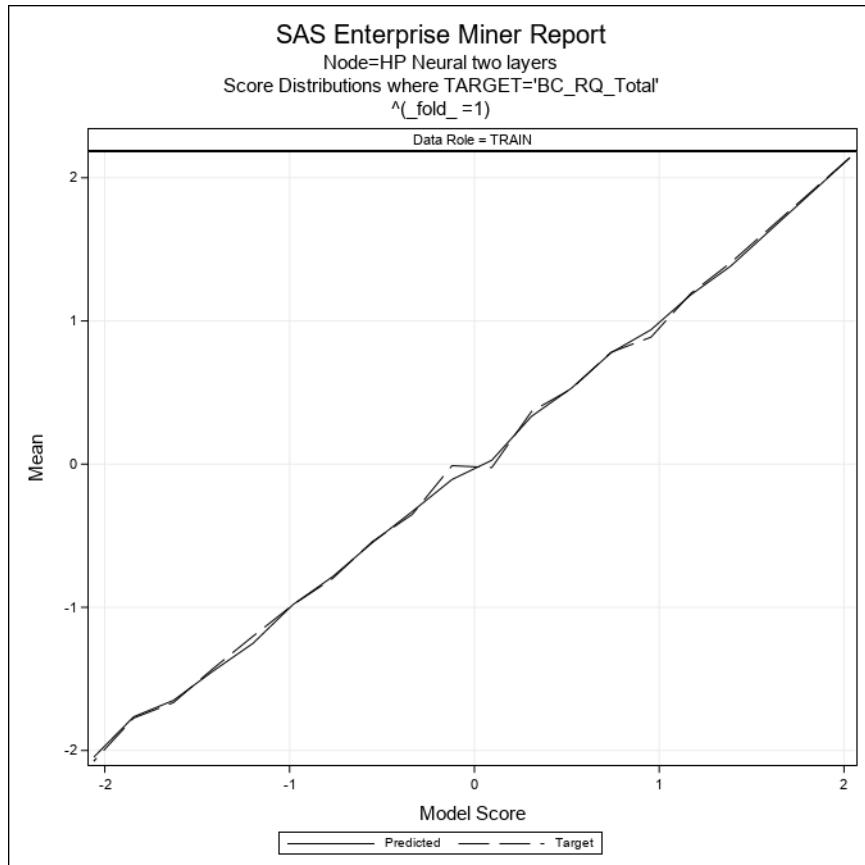
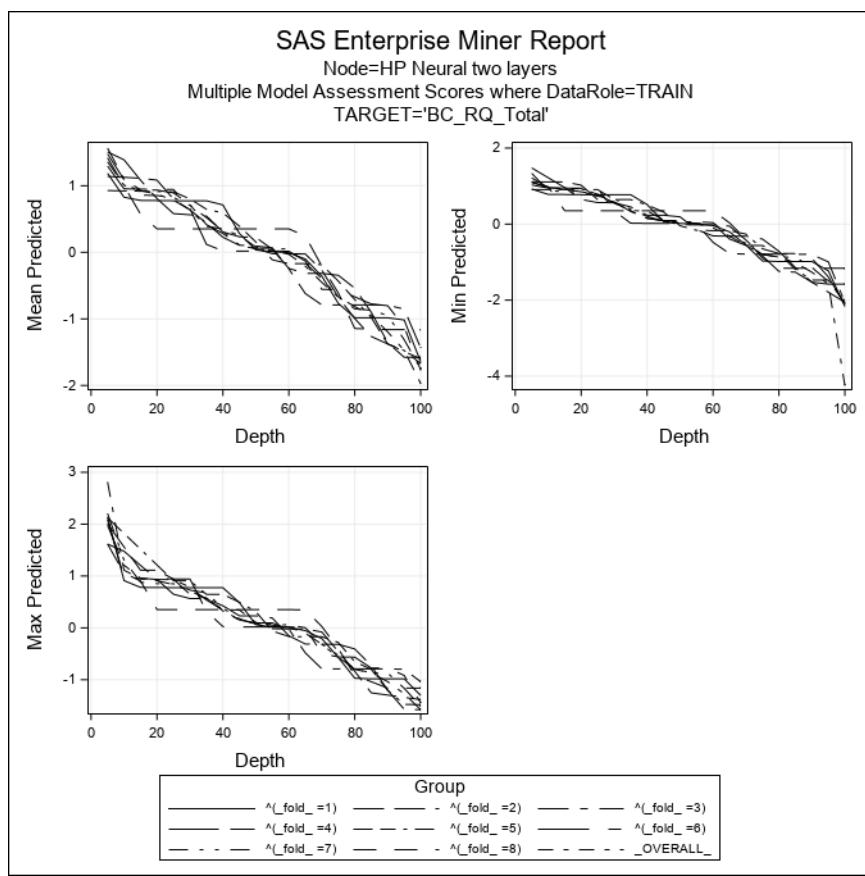
Node=HP Neural two layers Variable Summary

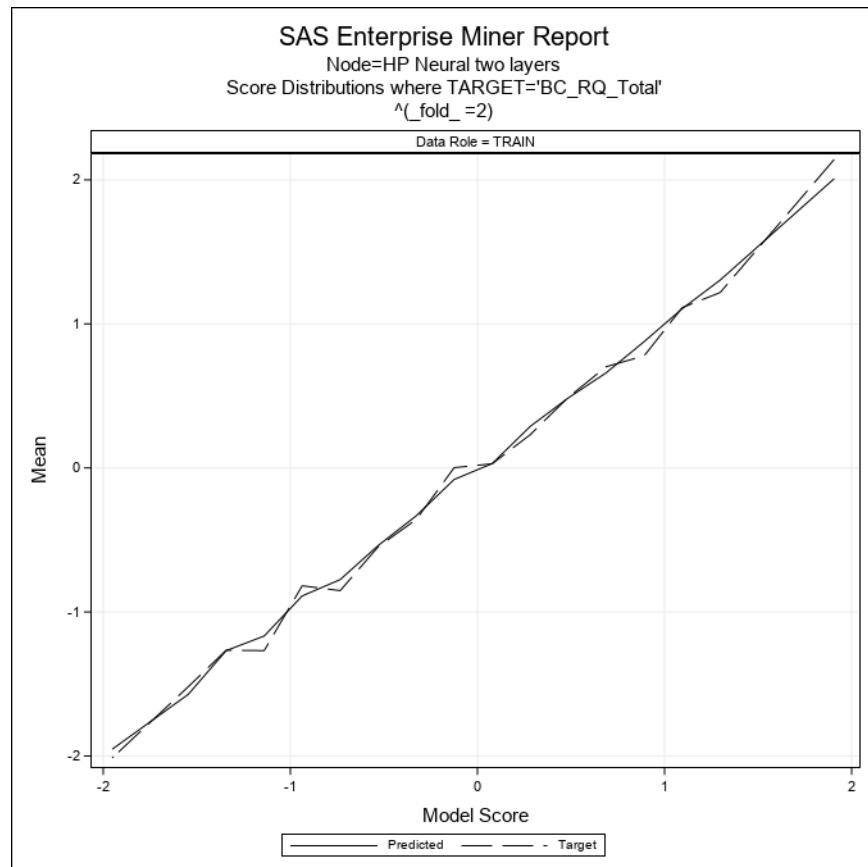
Role	Level	Frequency	
		Count	Name
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS

Node=HP Neural two layers Created Variables Summary

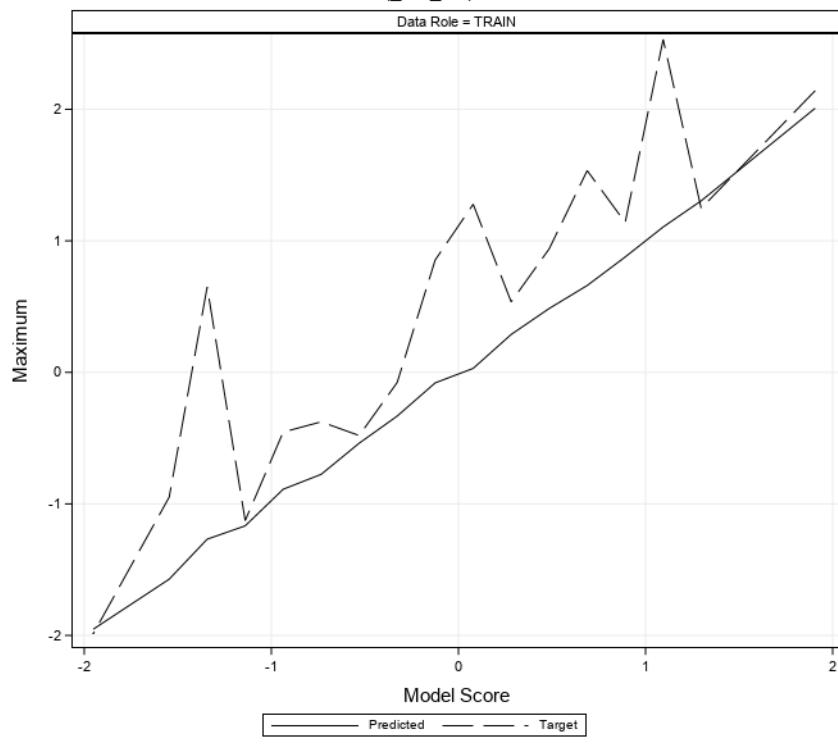
Role	Level	Frequency	
		Count	Name
RESIDUAL	INTERVAL	1	R_BC_RQ_Total
PREDICT	INTERVAL	1	P_BC_RQ_Total
INPUT	INTERVAL	1	_XVAL_
ASSESS	NOMINAL	1	_WARN_

Group Index	Group	Train: Target Variable	Train: Average Squared Error	Train: Divisor for ASE	Train: Maximum Absolute Error	Train: Sum of Frequencies	Train: Root Mean Squared Error			Train: Sum of Squared Errors	Train: Target Label
							Root	Average	Squared Error		
1	^(fold_=1)	BC_RQ_Total	0.33945	344	2.10767	344	0.58262	116.771			ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	0.26609	350	2.44562	350	0.51584	93.131			ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	0.36119	339	2.21296	339	0.60099	122.442			ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	0.21389	338	1.67317	338	0.46249	72.296			ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	0.27052	343	2.24201	343	0.52011	92.788			ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Total	0.33370	345	2.28202	345	0.57767	115.127			ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Total	0.26438	333	1.77579	333	0.51418	88.039			ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Total	0.41376	348	2.47585	348	0.64324	143.989			ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Total	0.51302	393	3.92340	393	0.71626	201.618			ReQuest (total score) (Box-Cox transformed)

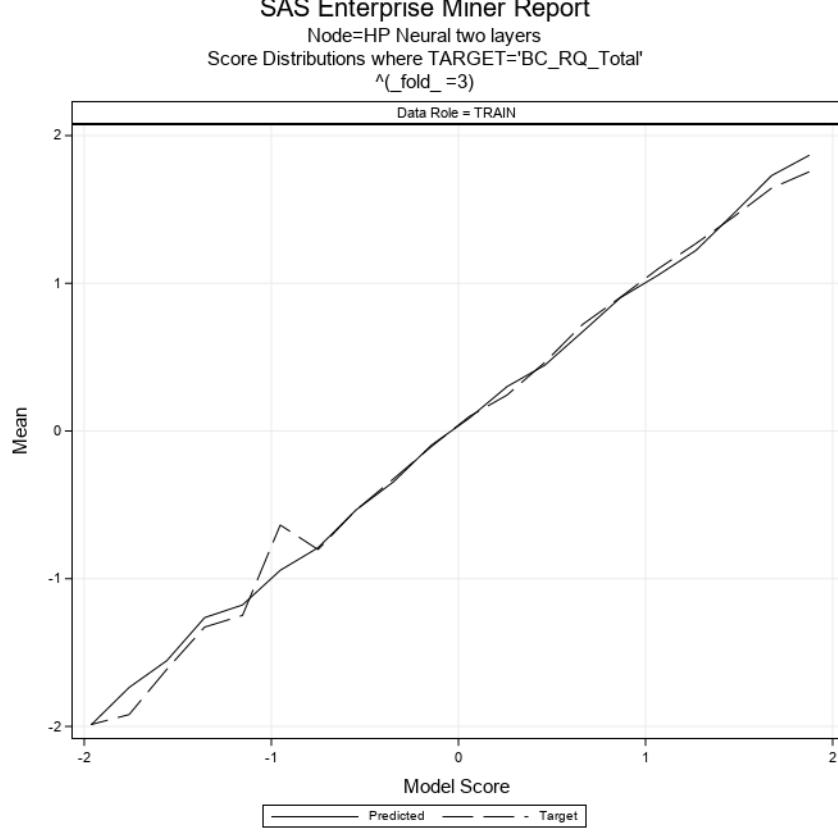




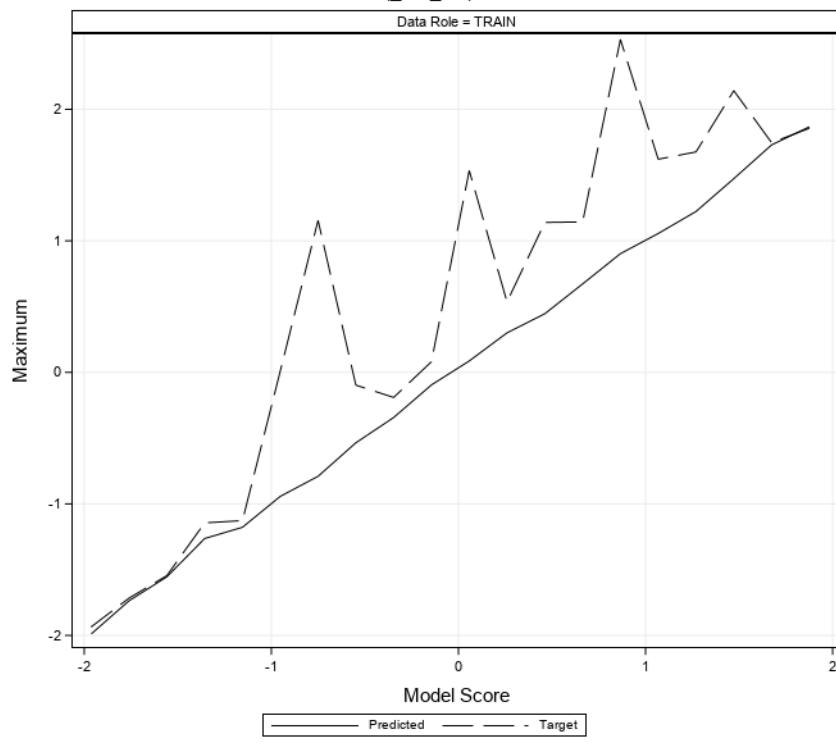
SAS Enterprise Miner Report
 Node=HP Neural two layers
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}2)$



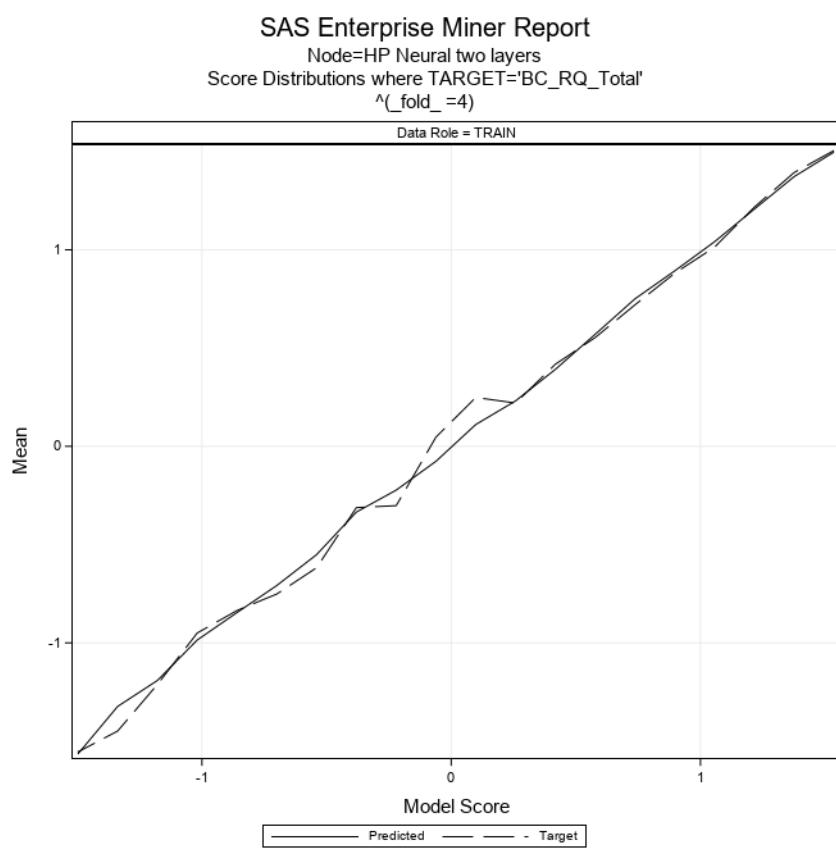
SAS Enterprise Miner Report
 Node=HP Neural two layers
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}3)$

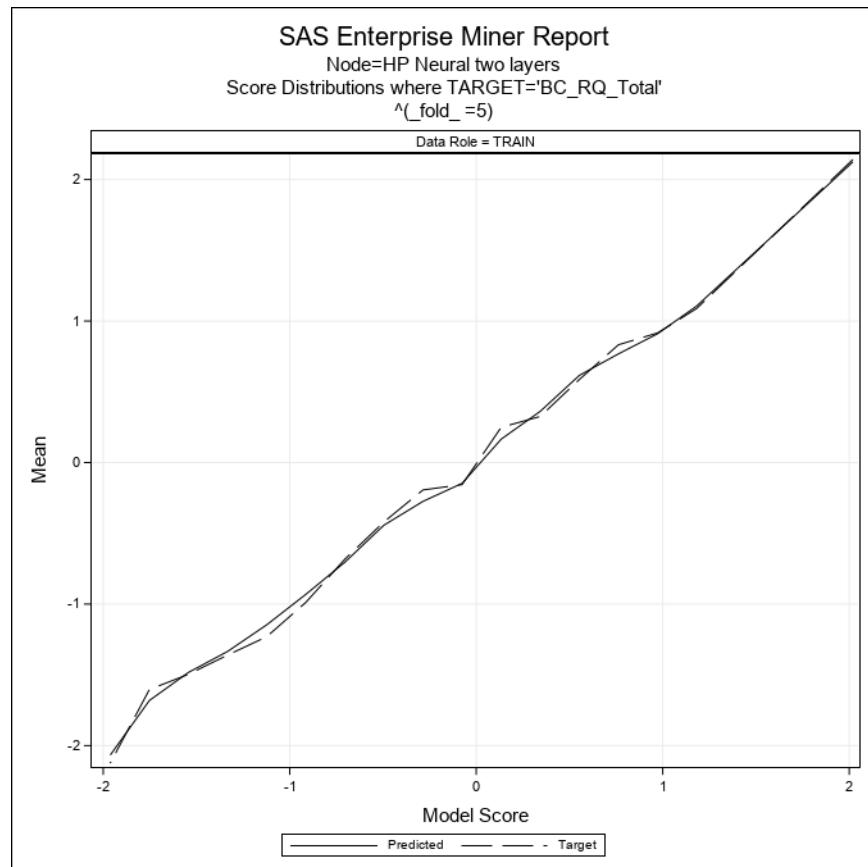


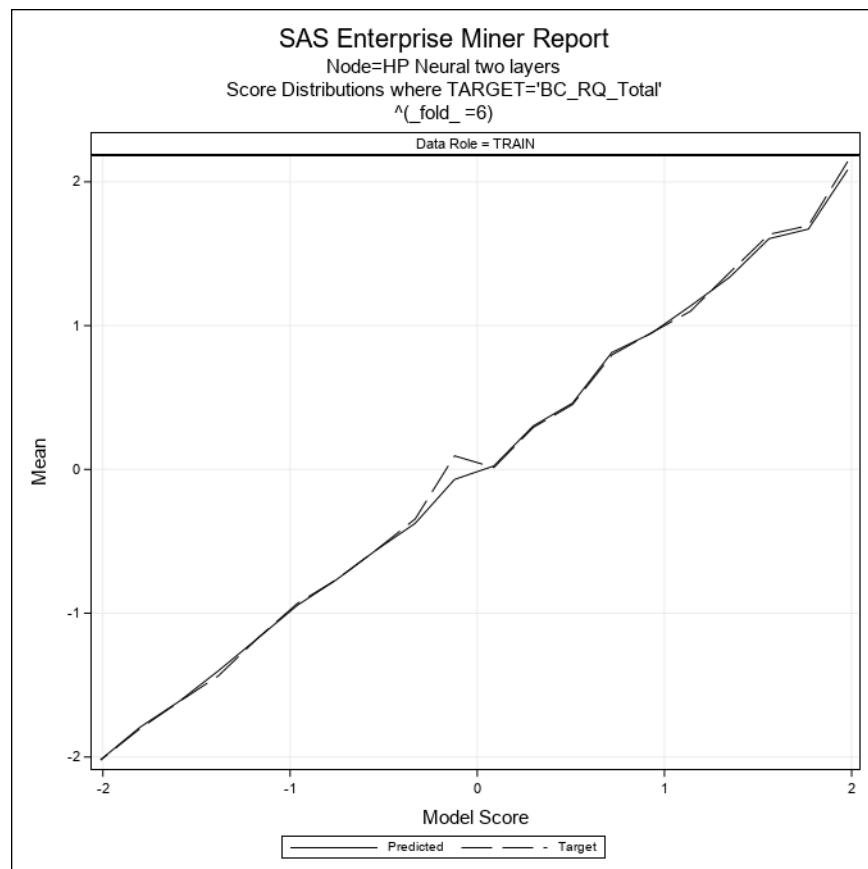
SAS Enterprise Miner Report
 Node=HP Neural two layers
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}3)$

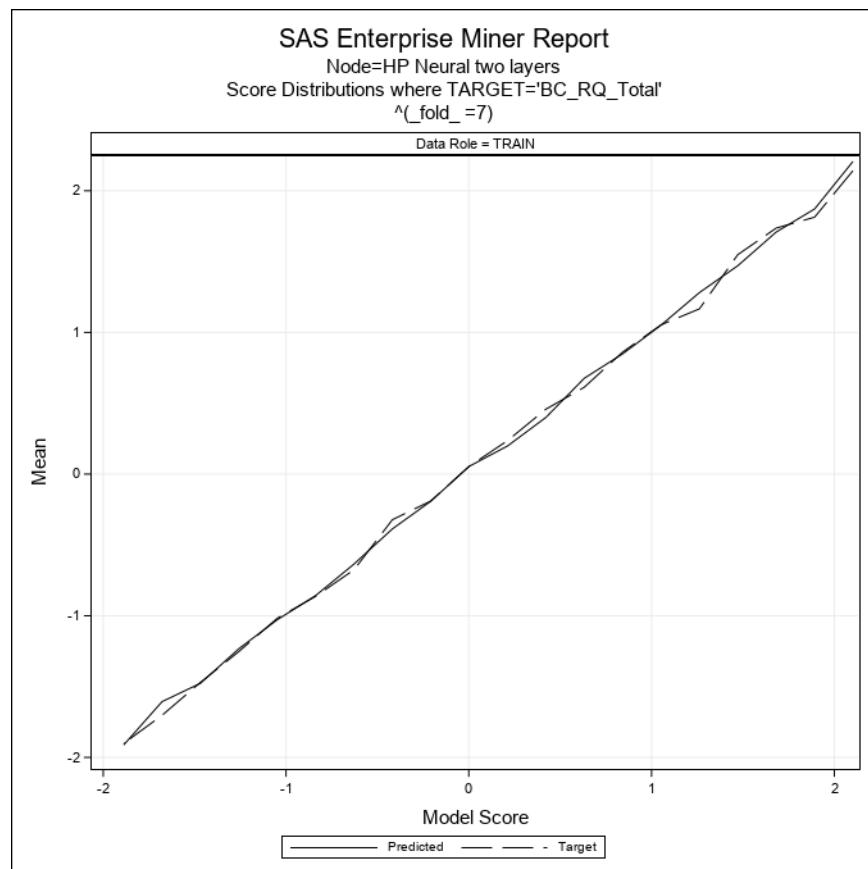
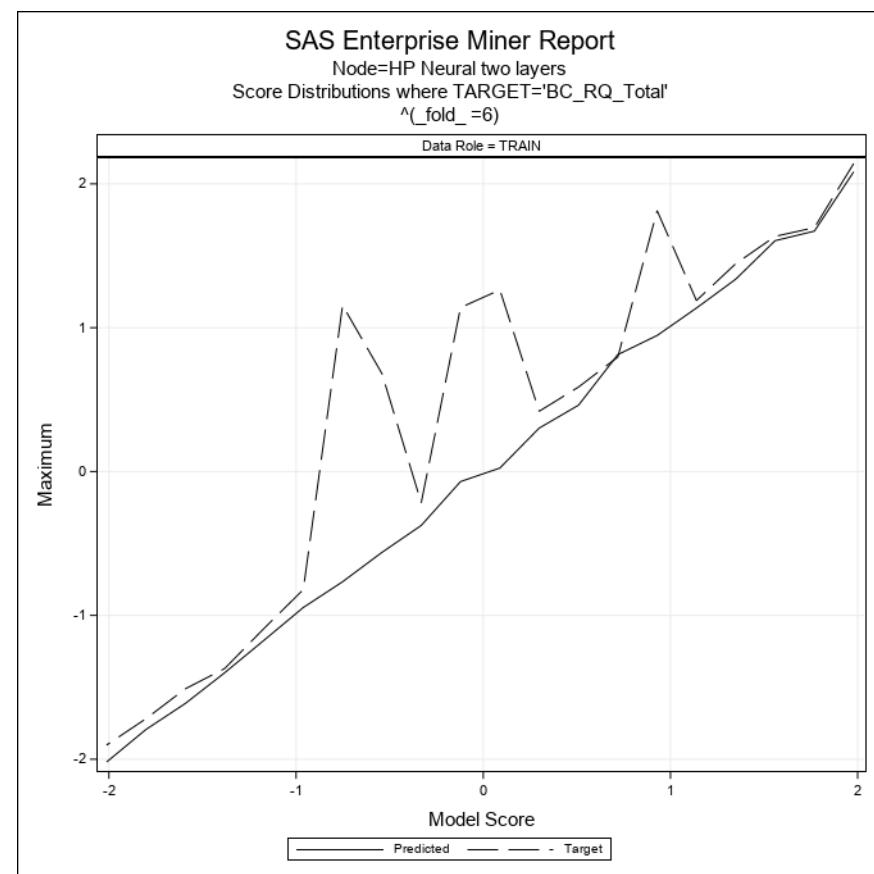


SAS Enterprise Miner Report
 Node=HP Neural two layers
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}4)$

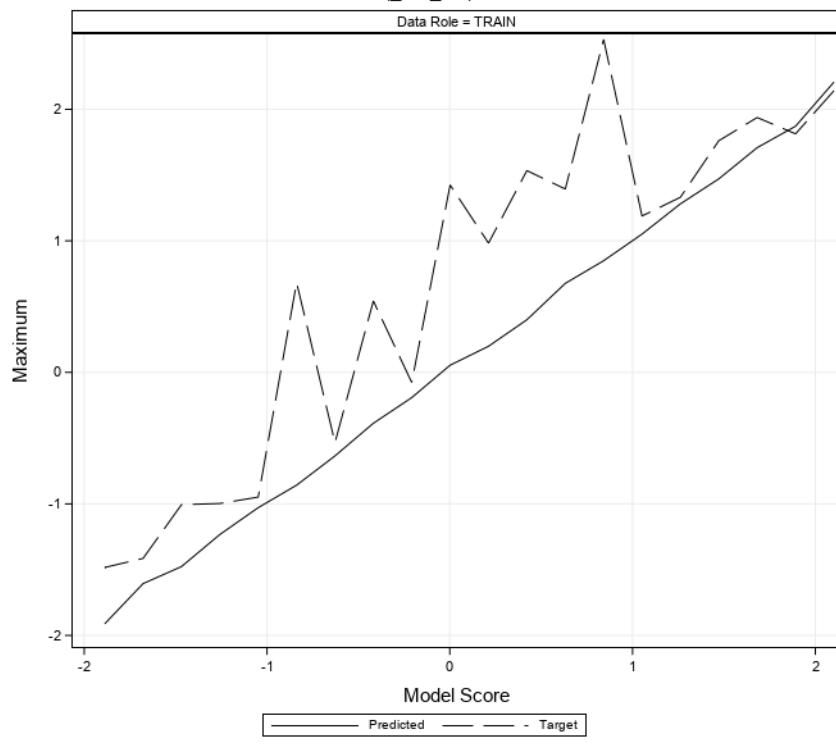




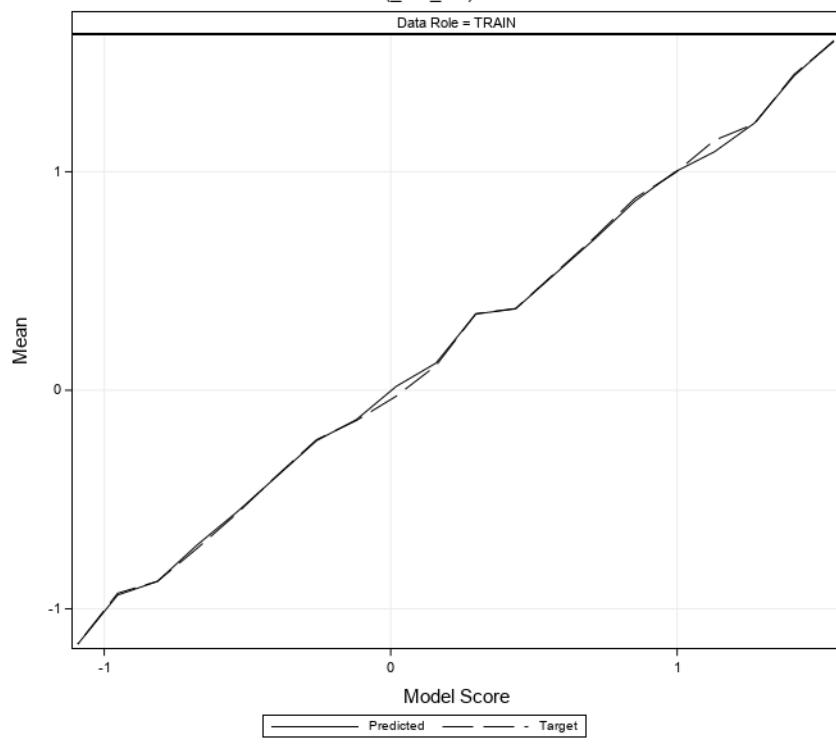


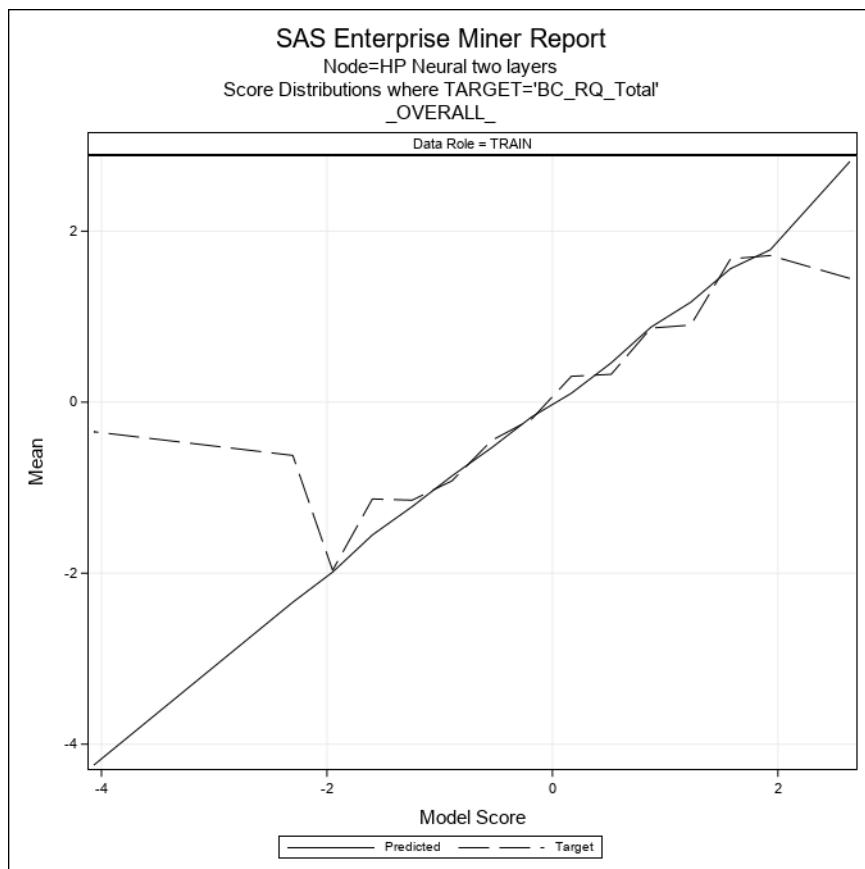


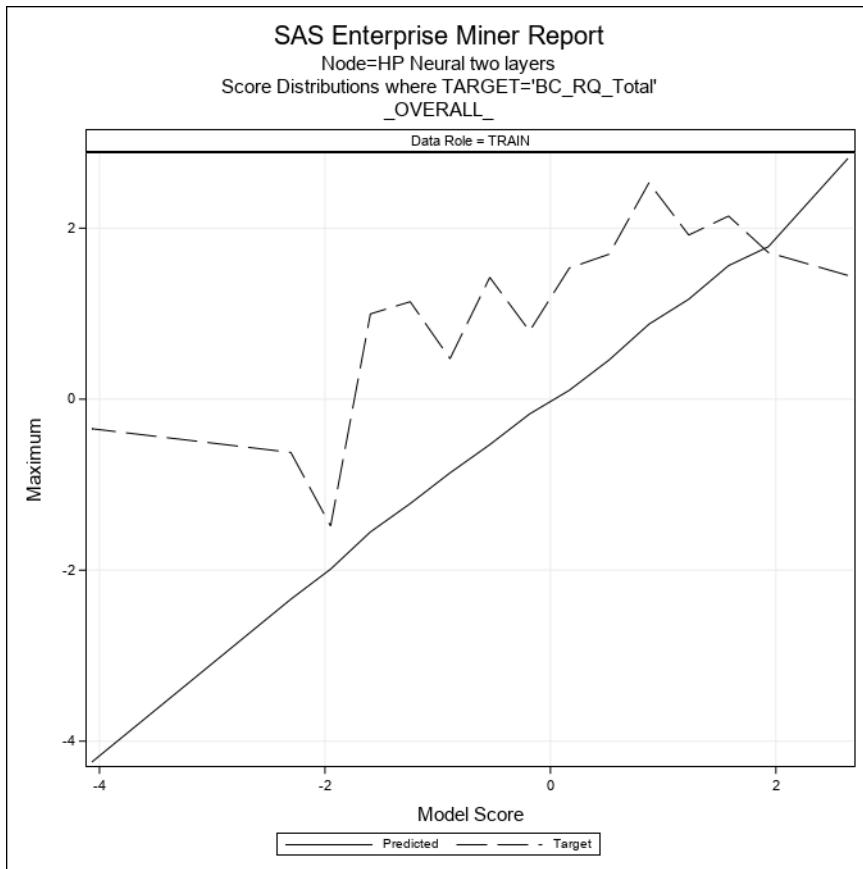
SAS Enterprise Miner Report
Node=HP Neural two layers
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)



SAS Enterprise Miner Report
Node=HP Neural two layers
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=8)







Node=HP Neural two layers
Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.924 - 2.140	2.13959	2.13959	2.13959	2.14157	2.14157	2.14157
1.278 - 1.494	1.38213	1.48076	1.28349	1.40606	1.53402	1.27810
1.063 - 1.278	1.18214	1.25760	1.07203	1.19162	1.39377	1.10018
0.848 - 1.063	0.93840	1.04490	0.88615	0.88643	1.06762	0.46444
0.632 - 0.848	0.77807	0.83416	0.77438	0.78165	1.91976	-1.33329
0.417 - 0.632	0.52994	0.58194	0.48697	0.52566	0.59284	0.48509
0.202 - 0.417	0.33413	0.41604	0.20742	0.36805	0.64939	-0.04480
-0.014 - 0.202	0.02689	0.19580	-0.01084	-0.02421	1.15516	-1.69512
-0.229 - -0.014	-0.10758	-0.02008	-0.21775	-0.01094	0.95030	-0.39592
-0.444 - -0.229	-0.33131	-0.24207	-0.43576	-0.35189	-0.08552	-0.56369
-0.660 - -0.444	-0.54811	-0.45286	-0.63522	-0.54083	-0.41331	-0.65958
-0.875 - -0.660	-0.78619	-0.68991	-0.87484	-0.79857	-0.68844	-0.88221
-1.090 - -0.875	-0.98214	-0.88871	-1.03840	-0.98331	0.70185	-2.12353
-1.306 - -1.090	-1.25167	-1.22329	-1.30306	-1.20207	-1.18976	-1.22281
-1.521 - -1.306	-1.44452	-1.33883	-1.52025	-1.42721	-1.33329	-1.51040
-1.736 - -1.521	-1.65012	-1.52310	-1.70579	-1.66543	-1.54517	-1.71804
-1.951 - -1.736	-1.76489	-1.76489	-1.76489	-1.77371	-1.77371	-1.77371
-2.167 - -1.951	-2.04601	-1.96803	-2.16678	-2.07399	-1.98839	-2.14837

Node=HP Neural two layers
Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.805 - 2.008	2.00810	2.00810	2.00810	2.14157	2.14157	2.14157
1.196 - 1.399	1.30422	1.31100	1.29744	1.21789	1.24703	1.18876
0.993 - 1.196	1.10526	1.11682	1.02355	1.11282	2.53080	-1.33329
0.790 - 0.993	0.87715	0.94021	0.80229	0.77824	1.13984	-0.10239
0.586 - 0.790	0.66029	0.77917	0.60537	0.70276	1.53402	-0.21681
0.383 - 0.586	0.48548	0.58627	0.40130	0.48937	0.93883	0.30123
0.180 - 0.383	0.28813	0.35286	0.18493	0.23060	0.53607	-0.12851
-0.023 - 0.180	0.03020	0.17035	-0.02256	0.02875	1.27810	-1.37563
-0.226 - -0.023	-0.08011	-0.02419	-0.14150	0.00186	0.85413	-0.55186
-0.429 - -0.226	-0.33251	-0.24279	-0.41857	-0.35866	-0.07701	-0.99712
-0.632 - -0.429	-0.53862	-0.45549	-0.58989	-0.54773	-0.48044	-0.59748
-0.835 - -0.632	-0.77539	-0.65339	-0.83181	-0.85185	-0.37628	-1.36958
-1.038 - -0.835	-0.88876	-0.83577	-0.99779	-0.81831	-0.45401	-1.03519
-1.241 - -1.038	-1.16708	-1.05322	-1.23955	-1.26842	-1.12723	-1.60749
-1.444 - -1.241	-1.26840	-1.24428	-1.39375	-1.26554	0.64939	-2.14837
-1.648 - -1.444	-1.57256	-1.49887	-1.64247	-1.51970	-0.94872	-2.12003
-2.054 - -1.851	-1.95323	-1.85276	-2.05369	-2.01379	-1.98839	-2.03918

Node=HP Neural two layers Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.775 - 1.977	1.86710	1.97662	1.78274	1.75550	1.85573	1.69572
1.573 - 1.775	1.72921	1.76211	1.69630	1.64437	1.74649	1.54226
1.371 - 1.573	1.47264	1.54075	1.37108	1.45093	2.14157	1.18876
1.169 - 1.371	1.22297	1.30919	1.18059	1.26960	1.67589	0.98260
0.967 - 1.169	1.05555	1.14076	0.97531	1.09832	1.62035	0.58917
0.765 - 0.967	0.90233	0.96301	0.77176	0.90526	2.53080	-1.44120
0.563 - 0.765	0.67221	0.75979	0.56283	0.72148	1.14354	0.36842
0.361 - 0.563	0.44563	0.56068	0.36459	0.46476	1.13984	-0.72713
0.159 - 0.361	0.30045	0.35904	0.17007	0.24318	0.53607	-0.16595
-0.043 - 0.159	0.08659	0.15367	-0.02808	0.09803	1.53402	-0.93832
-0.245 - -0.043	-0.09566	-0.06901	-0.13725	-0.10509	0.08087	-0.33564
-0.447 - -0.245	-0.34342	-0.24904	-0.43485	-0.32312	-0.19078	-0.41118
-0.649 - -0.447	-0.53570	-0.45855	-0.59475	-0.53602	-0.09689	-0.95512
-0.851 - -0.649	-0.79037	-0.69233	-0.84006	-0.80256	1.15516	-2.14837
-1.053 - -0.851	-0.94300	-0.85332	-1.03853	-0.63651	0.00957	-1.22281
-1.255 - -1.053	-1.17793	-1.13572	-1.25114	-1.24883	-1.12723	-1.48341
-1.457 - -1.255	-1.26341	-1.25657	-1.27025	-1.32739	-1.14437	-1.51040
-1.659 - -1.457	-1.55436	-1.51895	-1.58536	-1.61291	-1.54517	-1.68223
-1.861 - -1.659	-1.73668	-1.68689	-1.78646	-1.91991	-1.71630	-2.12353
-2.063 - -1.861	-1.98846	-1.91364	-2.06329	-1.98695	-1.93471	-2.03918

Node=HP Neural two layers Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.456 - 1.615	1.49690	1.61525	1.47223	1.50522	2.53080	0.33196
1.296 - 1.456	1.37211	1.40802	1.35249	1.39299	1.53402	1.20060
1.136 - 1.296	1.20698	1.26629	1.15095	1.21686	1.54488	1.10521
0.977 - 1.136	1.04094	1.09278	0.98809	1.01314	1.16461	0.82183
0.817 - 0.977	0.89268	0.96083	0.83501	0.88068	1.04430	0.68168
0.657 - 0.817	0.75036	0.80108	0.70387	0.71973	1.03977	0.31162
0.498 - 0.657	0.56983	0.64938	0.50770	0.55321	1.93737	-0.71719
0.338 - 0.498	0.39145	0.47573	0.34902	0.41771	0.47450	0.32797
0.178 - 0.338	0.23108	0.28247	0.18912	0.22022	1.39377	-0.54080
0.019 - 0.178	0.11089	0.16958	0.02738	0.24842	0.59284	-0.08552
-0.141 - 0.019	-0.07619	-0.03834	-0.10390	0.04705	0.44271	-0.09587
-0.300 - -0.141	-0.22290	-0.14414	-0.29642	-0.30196	0.19702	-1.11233
-0.460 - -0.300	-0.33445	-0.30136	-0.43694	-0.31172	0.98831	-1.98839
-0.620 - -0.460	-0.55111	-0.46325	-0.60260	-0.61767	-0.19078	-0.89192
-0.779 - -0.620	-0.70814	-0.66590	-0.77234	-0.75156	-0.57888	-0.88221
-0.939 - -0.779	-0.84593	-0.78659	-0.89491	-0.83533	-0.61792	-1.09122
-1.099 - -0.939	-0.98558	-0.94496	-1.02546	-0.95000	-0.82199	-1.03519
-1.258 - -1.099	-1.19129	-1.11285	-1.24271	-1.21155	-1.12723	-1.24826
-1.418 - -1.258	-1.32361	-1.30135	-1.35514	-1.44886	-0.84384	-1.93471
-1.578 - -1.418	-1.56595	-1.45895	-1.57766	-1.55547	-0.52192	-2.14837

Node=HP Neural two layers Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.915 - 2.125	2.12463	2.12463	2.12463	2.14157	2.14157	2.14157
1.077 - 1.286	1.10563	1.10563	1.10563	1.08830	1.08830	1.08830
0.867 - 1.077	0.90987	0.98395	0.89052	0.91575	2.53080	-1.33329
0.658 - 0.867	0.76797	0.86435	0.66375	0.83223	1.15516	0.64683
0.448 - 0.658	0.61583	0.65254	0.49014	0.58676	1.53402	-0.39592
0.238 - 0.448	0.36206	0.43469	0.27070	0.32576	0.70185	-0.91229
0.029 - 0.238	0.16519	0.22676	0.04656	0.24898	1.13984	0.00363
-0.181 - 0.029	-0.14702	0.00458	-0.17860	-0.15577	0.99305	-1.45147
-0.390 - -0.181	-0.27424	-0.20193	-0.35605	-0.19344	0.85413	-0.64573
-0.600 - -0.390	-0.44259	-0.39259	-0.54015	-0.41942	-0.34565	-0.57481
-0.809 - -0.600	-0.70444	-0.61894	-0.79997	-0.68291	0.67053	-2.14837
-1.019 - -0.809	-0.93174	-0.82320	-1.01323	-0.98867	-0.77931	-1.39504
-1.229 - -1.019	-1.14694	-1.02976	-1.21623	-1.23089	-1.11799	-1.44120
-1.438 - -1.229	-1.33471	-1.23642	-1.43604	-1.36035	-0.99712	-1.70934
-1.648 - -1.438	-1.48290	-1.46022	-1.59774	-1.49617	0.51216	-2.12353
-1.857 - -1.648	-1.68115	-1.64889	-1.69225	-1.60366	-0.54080	-2.12003
-2.067 - -1.857	-2.06680	-2.06680	-2.06680	-2.12353	-2.12353	-2.12353

Node=HP Neural two layers Score Distributions

Group=^(_fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.874 - 2.084	2.08403	2.08403	2.08403	2.14157	2.14157	2.14157
1.664 - 1.874	1.67145	1.67145	1.67145	1.69572	1.69572	1.69572
1.454 - 1.664	1.60467	1.60467	1.60467	1.63467	1.63467	1.63467
1.244 - 1.454	1.33744	1.43043	1.25533	1.36992	1.44516	1.27377
1.034 - 1.244	1.13659	1.21285	1.08288	1.10012	1.18876	0.88374
0.824 - 1.034	0.94587	1.02980	0.85772	0.94866	1.81338	-1.33329
0.614 - 0.824	0.81289	0.81289	0.81289	0.79578	0.79578	0.79578
0.404 - 0.614	0.46117	0.56556	0.41797	0.45106	0.58742	0.36842
0.194 - 0.404	0.30199	0.38422	0.24012	0.29163	0.41900	0.11352
-0.016 - 0.194	0.02421	0.19343	-0.01152	0.01317	1.26278	-1.45147
-0.226 - -0.016	-0.06977	-0.02207	-0.18538	0.09442	1.13984	-0.24082
-0.437 - -0.226	-0.37469	-0.35669	-0.39148	-0.34427	-0.21681	-0.41331
-0.647 - -0.437	-0.56218	-0.49728	-0.61940	-0.56166	0.68168	-2.12353
-0.857 - -0.647	-0.76605	-0.65207	-0.83727	-0.76548	1.15516	-2.12003
-1.067 - -0.857	-0.94538	-0.88538	-1.05806	-0.93270	-0.82095	-1.03519
-1.277 - -1.067	-1.17332	-1.12286	-1.24663	-1.17213	-1.09122	-1.24997
-1.487 - -1.277	-1.39898	-1.29607	-1.46199	-1.43385	-1.36958	-1.50677
-1.697 - -1.487	-1.61240	-1.52081	-1.69195	-1.61520	-1.51040	-1.71630
-1.907 - -1.697	-1.79305	-1.71444	-1.90397	-1.80267	-1.71804	-1.91626
-2.117 - -1.907	-2.01896	-1.93190	-2.11689	-2.02045	-1.90123	-2.12353

Node=HP Neural two layers Score Distributions

Group=^(_fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.997 - 2.207	2.20672	2.20672	2.20672	2.14157	2.14157	2.14157
1.787 - 1.997	1.87128	1.87128	1.87128	1.81338	1.81338	1.81338
1.577 - 1.787	1.70832	1.76797	1.65248	1.73637	1.93737	1.58573
1.367 - 1.577	1.47097	1.56412	1.36759	1.54886	1.76112	1.29809
1.157 - 1.367	1.28111	1.36094	1.17465	1.16650	1.33127	0.68366
0.947 - 1.157	1.05124	1.15641	0.98793	1.05330	1.18876	0.93883
0.737 - 0.947	0.84872	0.88937	0.76339	0.86113	2.53080	-0.43311
0.527 - 0.737	0.67637	0.73280	0.52982	0.61311	1.39377	-0.05933
0.317 - 0.527	0.39998	0.51649	0.32463	0.45803	1.53402	-0.32455
0.107 - 0.317	0.19825	0.30878	0.10865	0.23621	0.98260	-1.37563
-0.103 - 0.107	0.05437	0.08968	-0.10281	0.05462	1.42447	-1.71630
-0.313 - -0.103	-0.19206	-0.10753	-0.30164	-0.18988	-0.07701	-0.34565
-0.523 - -0.313	-0.38711	-0.31405	-0.50495	-0.32228	0.54283	-0.72713
-0.733 - -0.523	-0.63524	-0.52732	-0.72417	-0.67550	-0.53404	-1.03519
-0.943 - -0.733	-0.85778	-0.76839	-0.91510	-0.86335	0.68168	-2.11306
-1.153 - -0.943	-1.02867	-0.94479	-1.13818	-1.01802	-0.94838	-1.19363
-1.363 - -1.153	-1.23293	-1.16554	-1.34161	-1.25286	-0.99712	-1.69512
-1.573 - -1.363	-1.47682	-1.42874	-1.54714	-1.47028	-1.00612	-2.14837
-1.783 - -1.573	-1.60626	-1.58915	-1.64328	-1.70280	-1.41445	-2.00400
-1.993 - -1.783	-1.91207	-1.79879	-1.99305	-1.90124	-1.48341	-2.12353

Node=HP Neural two layers Score Distributions

Group= $\wedge(\text{fold}_\wedge=8)$ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.478 - 1.617	1.60061	1.61680	1.49376	1.59668	2.53080	0.81371
1.339 - 1.478	1.43913	1.45292	1.42733	1.44554	1.44711	1.44435
1.200 - 1.339	1.22215	1.28123	1.20999	1.21869	1.54488	0.89321
1.061 - 1.200	1.09155	1.09155	1.09155	1.14395	1.14395	1.14395
0.922 - 1.061	0.99848	1.05504	0.98334	0.99325	1.93737	0.07866
0.783 - 0.922	0.86551	0.90570	0.81234	0.87869	1.40120	0.08087
0.644 - 0.783	0.69463	0.69463	0.69463	0.70185	0.70185	0.70185
0.367 - 0.505	0.37254	0.37745	0.36763	0.37404	0.37966	0.36842
0.228 - 0.367	0.34878	0.35245	0.23988	0.35025	1.91976	-2.12353
0.089 - 0.228	0.12435	0.13495	0.11361	0.11281	0.11970	0.10520
-0.050 - 0.089	0.01769	0.05344	-0.04357	-0.02720	0.05364	-0.09587
-0.189 - -0.050	-0.13443	-0.10406	-0.16673	-0.13839	-0.09689	-0.23974
-0.328 - -0.189	-0.23058	-0.20907	-0.26975	-0.22607	-0.16595	-0.25629
-0.467 - -0.328	-0.39424	-0.34357	-0.45277	-0.39081	-0.34228	-0.45401
-0.606 - -0.467	-0.55698	-0.49293	-0.59972	-0.56345	-0.48044	-0.64573
-0.745 - -0.606	-0.70767	-0.68140	-0.73394	-0.72301	-0.68844	-0.75757
-0.884 - -0.745	-0.87461	-0.87116	-0.87806	-0.87444	-0.85695	-0.89192
-1.023 - -0.884	-0.93723	-0.89424	-0.97492	-0.92903	-0.87824	-0.97047
-1.162 - -1.023	-1.16154	-1.15553	-1.16161	-1.16152	1.13984	-2.14837

Node=HP Neural two layers Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.462 - 2.815	2.81516	2.81516	2.81516	1.44711	1.44711	1.44711
1.756 - 2.109	1.78274	1.78274	1.78274	1.71506	1.71506	1.71506
1.403 - 1.756	1.56198	1.74181	1.42733	1.67569	2.14157	1.44435
1.050 - 1.403	1.16934	1.36094	1.05059	0.90163	1.91976	-1.33329
0.697 - 1.050	0.87716	1.03271	0.70387	0.86669	2.53080	-1.24826
0.344 - 0.697	0.45938	0.68785	0.34902	0.32596	1.69572	-1.04319
-0.009 - 0.344	0.10464	0.34403	0.00107	0.30258	1.53402	-1.21309
-0.362 - -0.009	-0.17311	-0.01341	-0.34273	-0.19883	0.79578	-1.45147
-0.715 - -0.362	-0.53154	-0.40504	-0.60512	-0.44658	1.42447	-1.70934
-1.068 - -0.715	-0.86234	-0.72732	-1.03749	-0.92022	0.47402	-2.12003
-1.421 - -1.068	-1.22127	-1.08963	-1.39375	-1.14606	1.13984	-2.11306
-1.774 - -1.421	-1.55278	-1.43584	-1.76489	-1.13220	0.99693	-2.12353
-2.127 - -1.774	-1.98772	-1.85276	-2.11689	-1.96641	-1.48341	-2.14837
-2.479 - -2.127	-2.33967	-2.33967	-2.33967	-0.62275	-0.62275	-0.62275
-4.244 - -3.891	-4.24437	-4.24437	-4.24437	-0.34565	-0.34565	-0.34565

Node=HP Neural two layers Summary

Group Index	Group	Frequency Count
1	$\wedge(\text{fold}_\wedge=1)$	351
2	$\wedge(\text{fold}_\wedge=2)$	343
3	$\wedge(\text{fold}_\wedge=3)$	332
4	$\wedge(\text{fold}_\wedge=4)$	348
5	$\wedge(\text{fold}_\wedge=5)$	346
6	$\wedge(\text{fold}_\wedge=6)$	340
7	$\wedge(\text{fold}_\wedge=7)$	342
8	$\wedge(\text{fold}_\wedge=8)$	349

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp4
 Node label = End Groups
 Meta path = Ids => Trans => Grp4 => HPNNA4 => EndGrp4
 Notes =

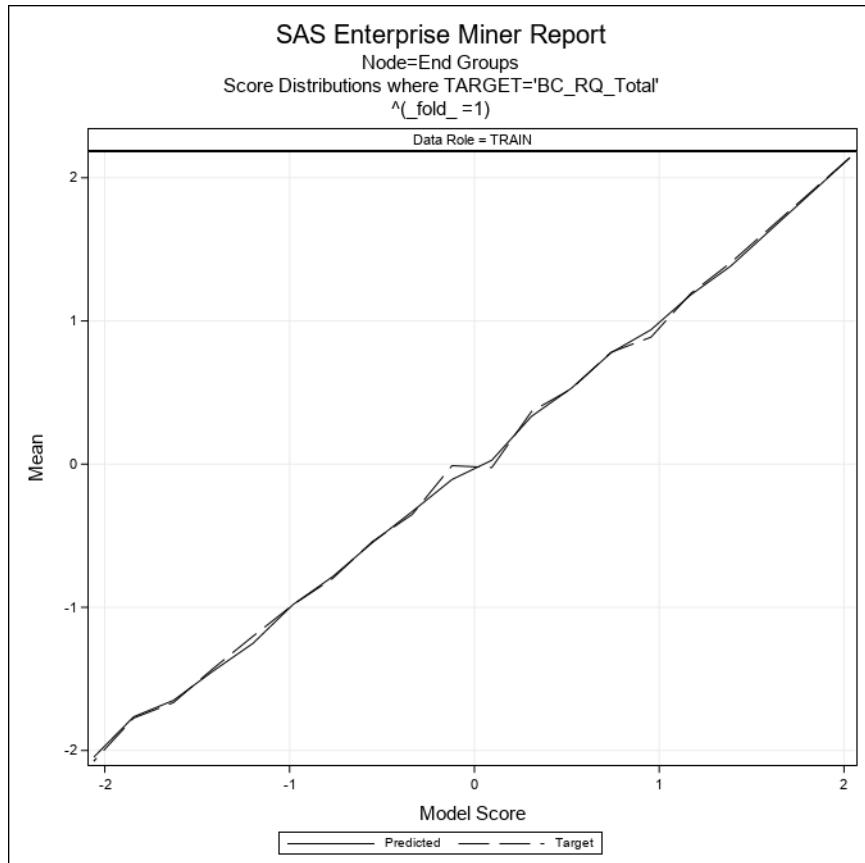
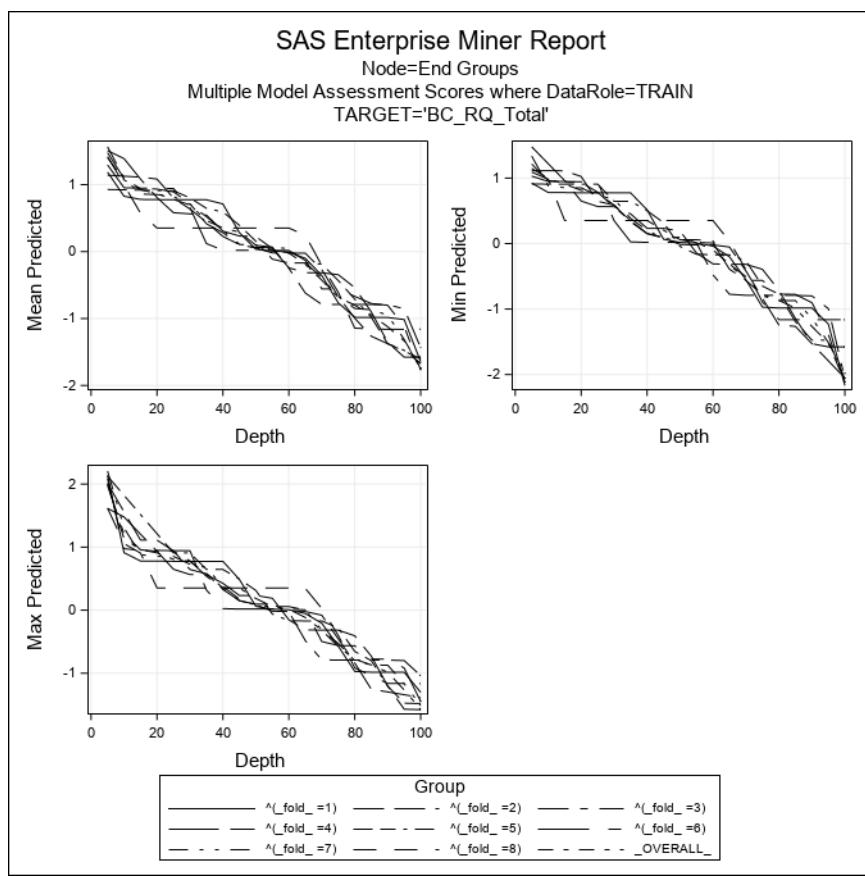
Node=End Groups Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

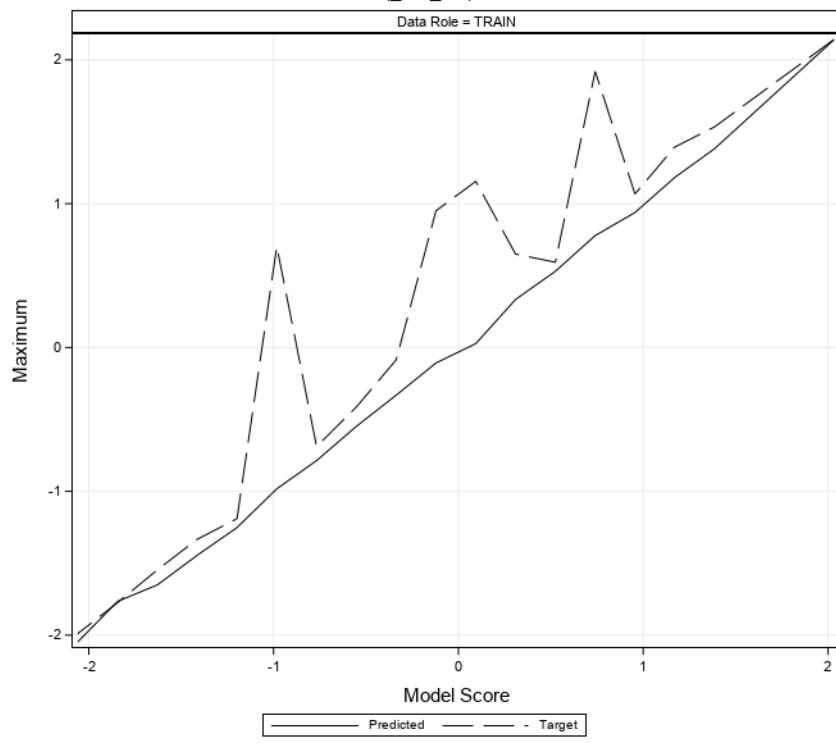
Node=End Groups Variable Summary

Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSASTot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification	pH_MII_ON_OFF_INF_MISS

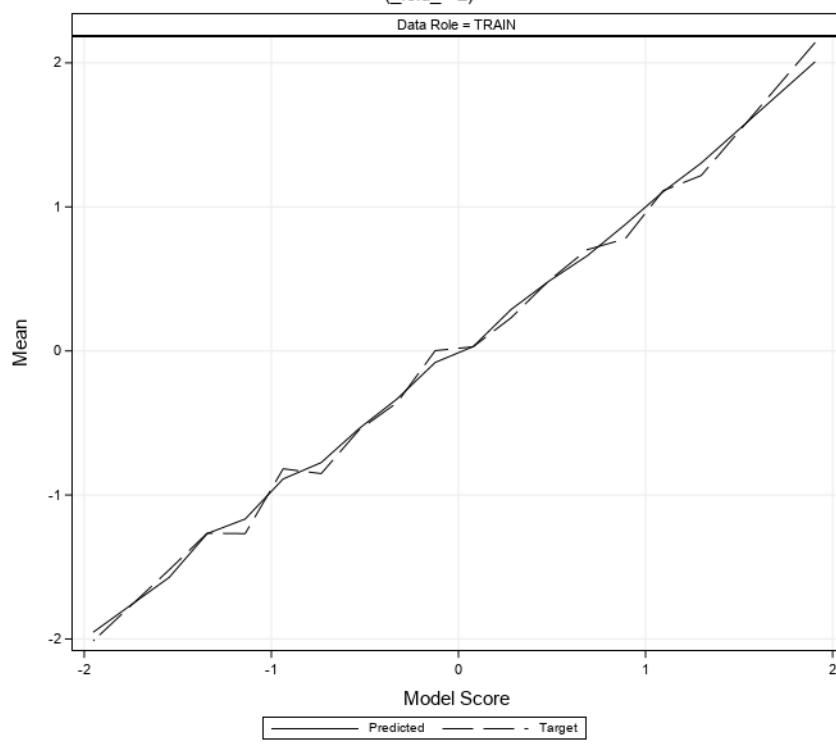
Group Index	Group	ModelId	Train:		Train:		Train:		Train:		Target Label
			Target Variable	Average Squared Error	Divisor ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Root Squared Errors	Sum of Squared Errors	
1	^(fold_=1)	HPNNA4	BC_RQ_Total	0.33945	344	2.10767	344	0.58262	116.771	ReQuest (total score) (Box-Cox transformed)	
2	^(fold_=2)	HPNNA4	BC_RQ_Total	0.26609	350	2.44562	350	0.51584	93.131	ReQuest (total score) (Box-Cox transformed)	
3	^(fold_=3)	HPNNA4	BC_RQ_Total	0.36119	339	2.21296	339	0.60099	122.442	ReQuest (total score) (Box-Cox transformed)	
4	^(fold_=4)	HPNNA4	BC_RQ_Total	0.21389	338	1.67317	338	0.46249	72.296	ReQuest (total score) (Box-Cox transformed)	
5	^(fold_=5)	HPNNA4	BC_RQ_Total	0.27052	343	2.24201	343	0.52011	92.788	ReQuest (total score) (Box-Cox transformed)	
6	^(fold_=6)	HPNNA4	BC_RQ_Total	0.33370	345	2.28202	345	0.57767	115.127	ReQuest (total score) (Box-Cox transformed)	
7	^(fold_=7)	HPNNA4	BC_RQ_Total	0.26438	333	1.77579	333	0.51418	88.039	ReQuest (total score) (Box-Cox transformed)	
8	^(fold_=8)	HPNNA4	BC_RQ_Total	0.41376	348	2.47585	348	0.64324	143.989	ReQuest (total score) (Box-Cox transformed)	
9	_OVERALL_		BC_RQ_Total	0.37548	393	2.44451	393	0.61277	147.565	ReQuest (total score) (Box-Cox transformed)	

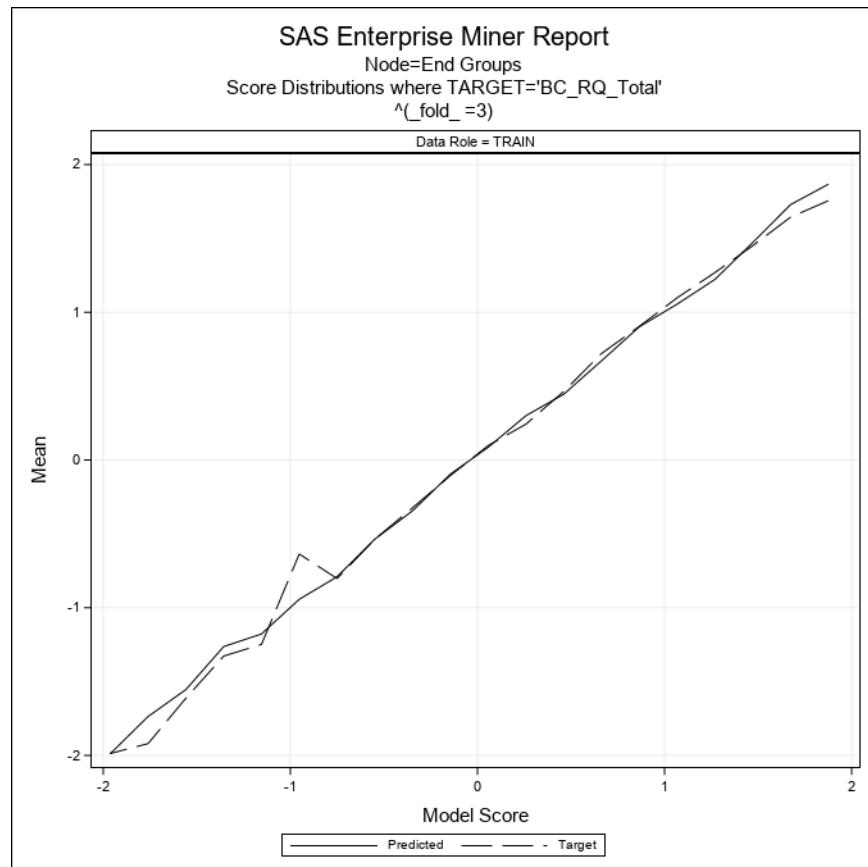


SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=1)

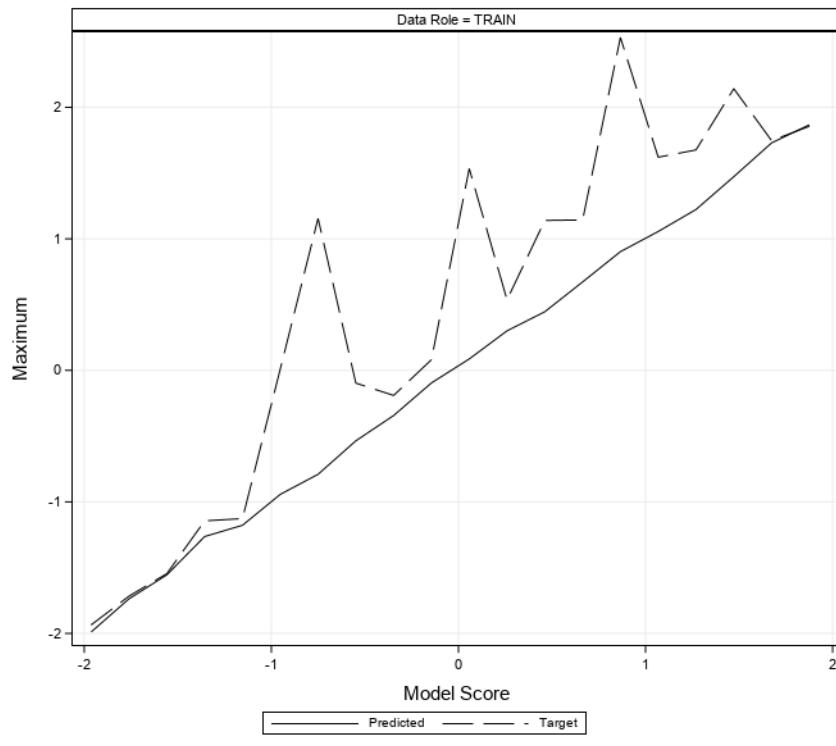


SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)

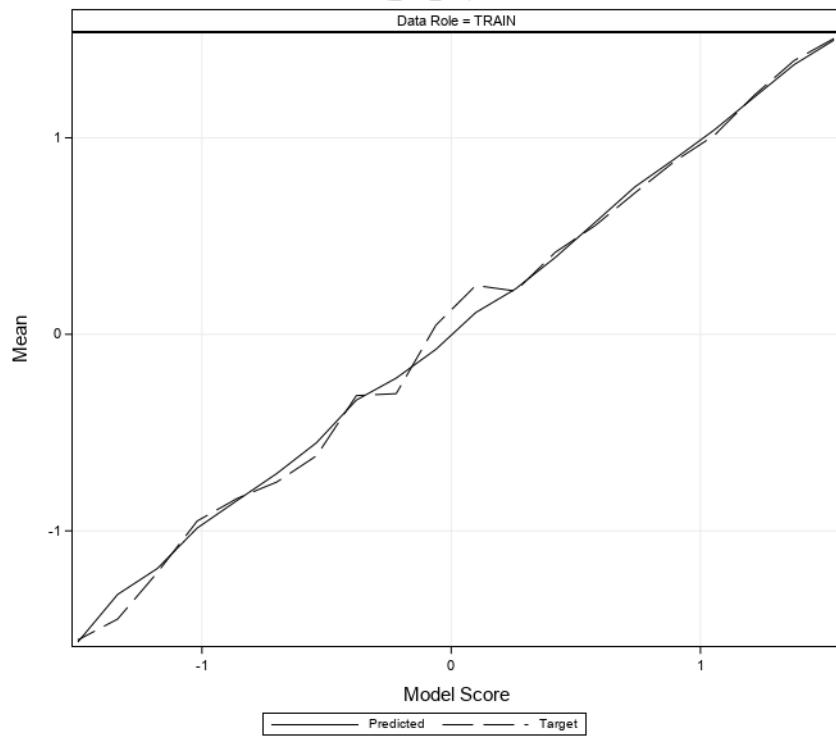


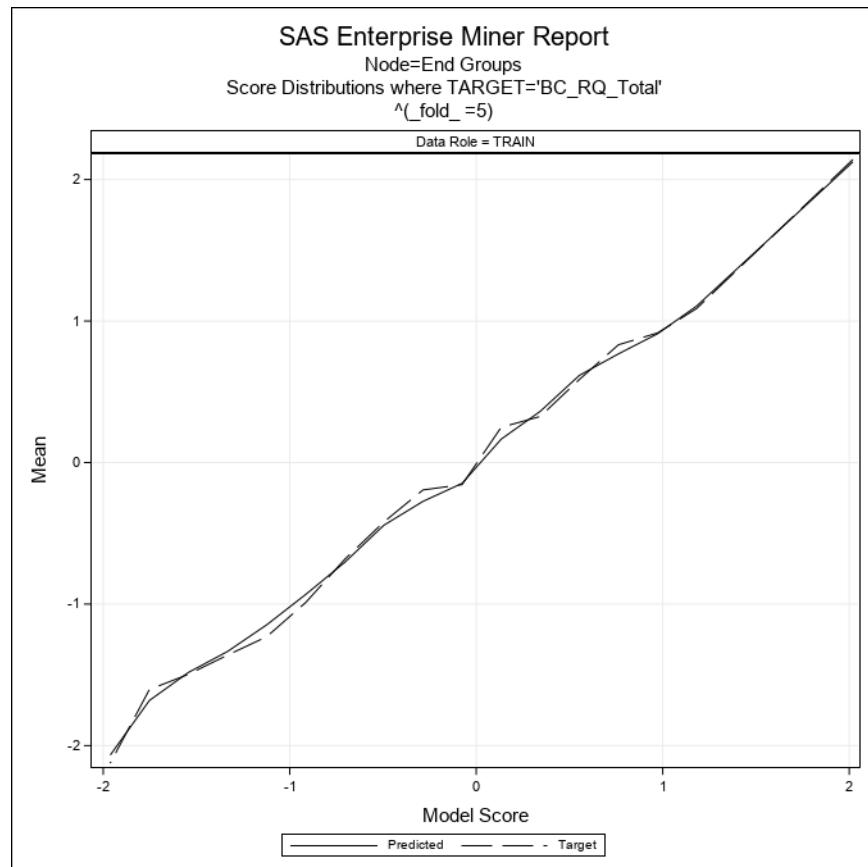


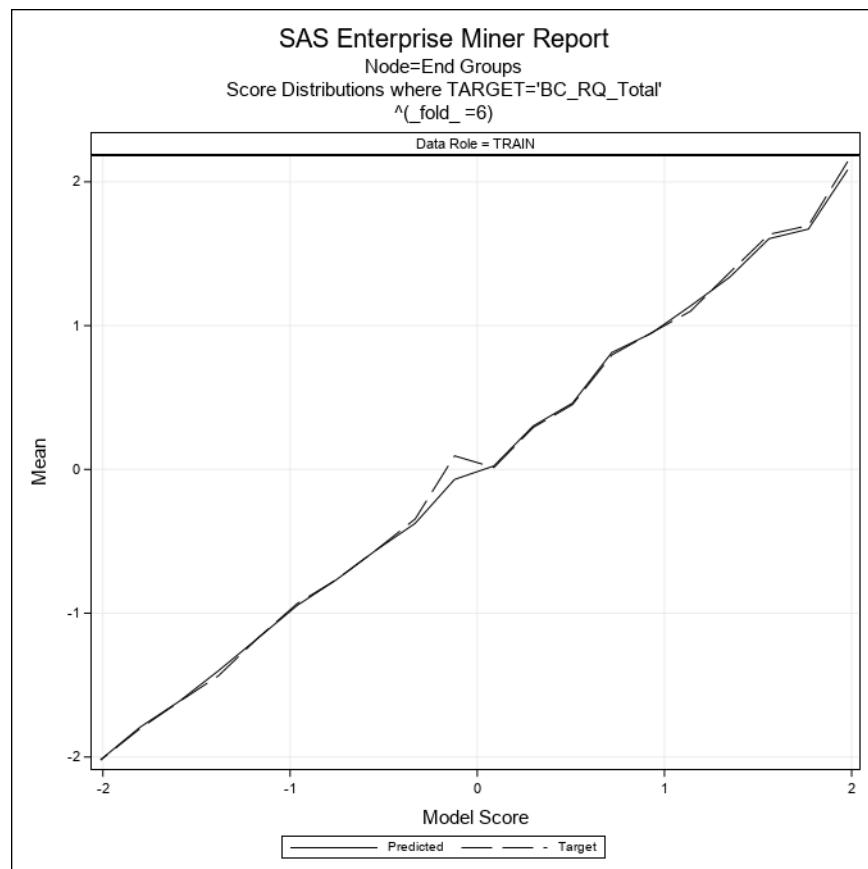
SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)



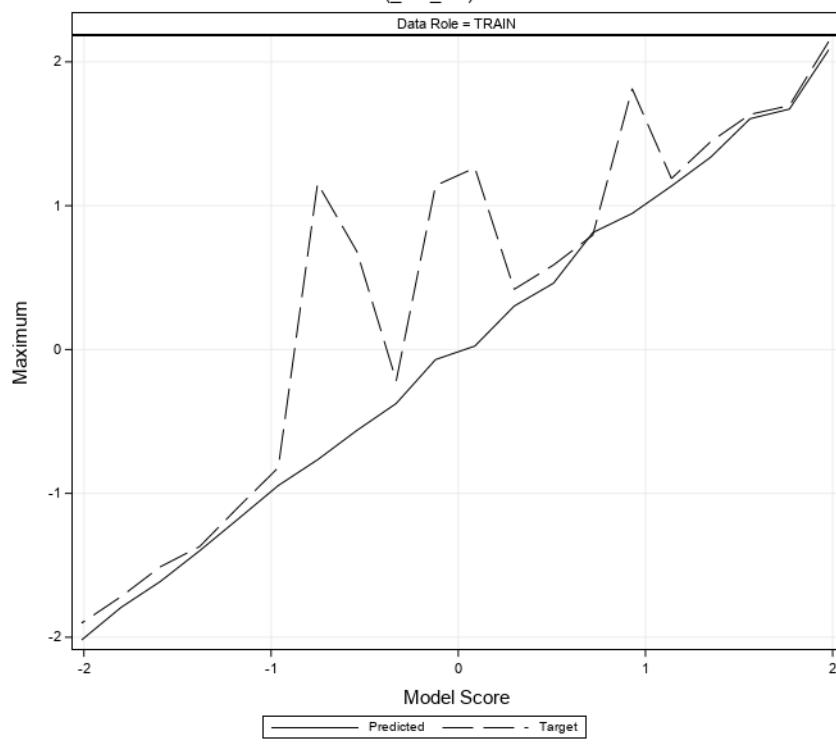
SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=4)



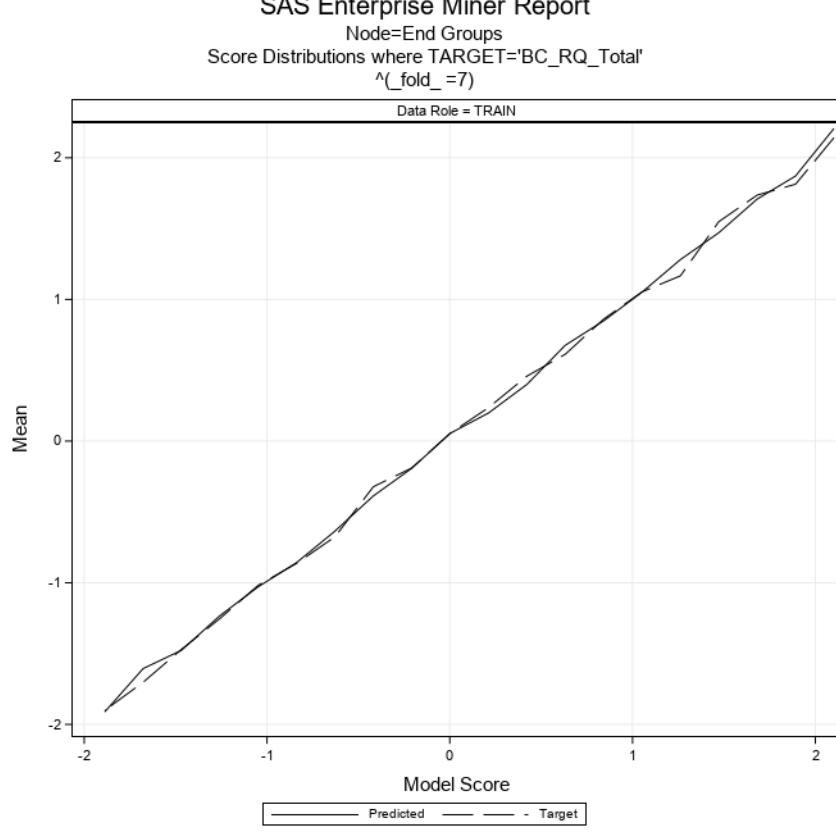


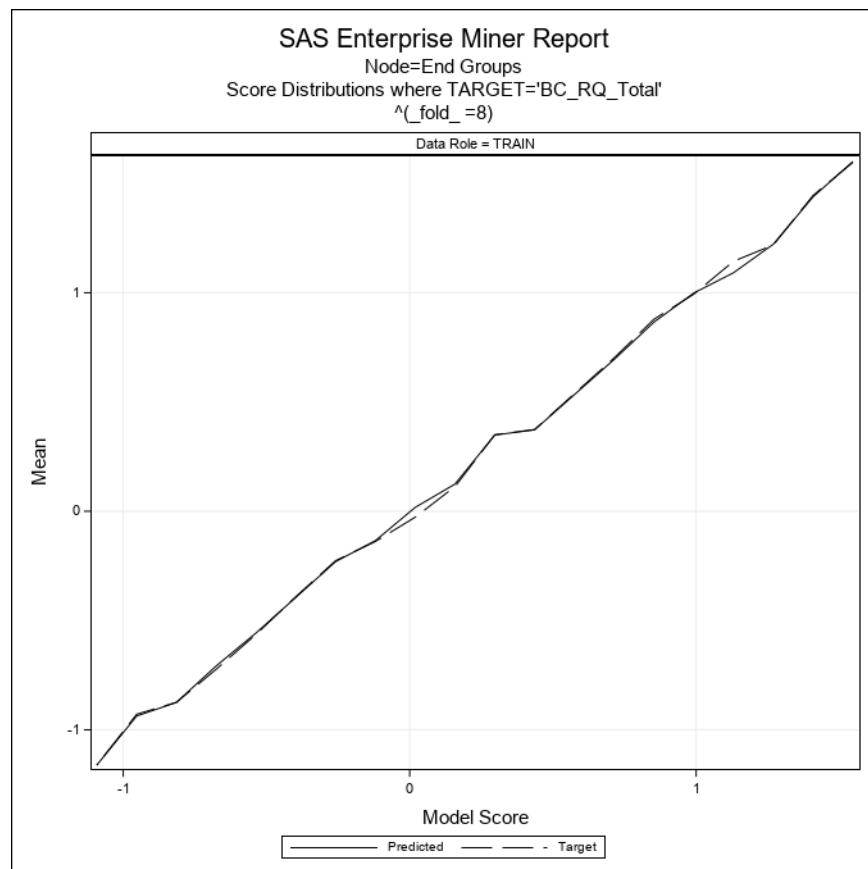


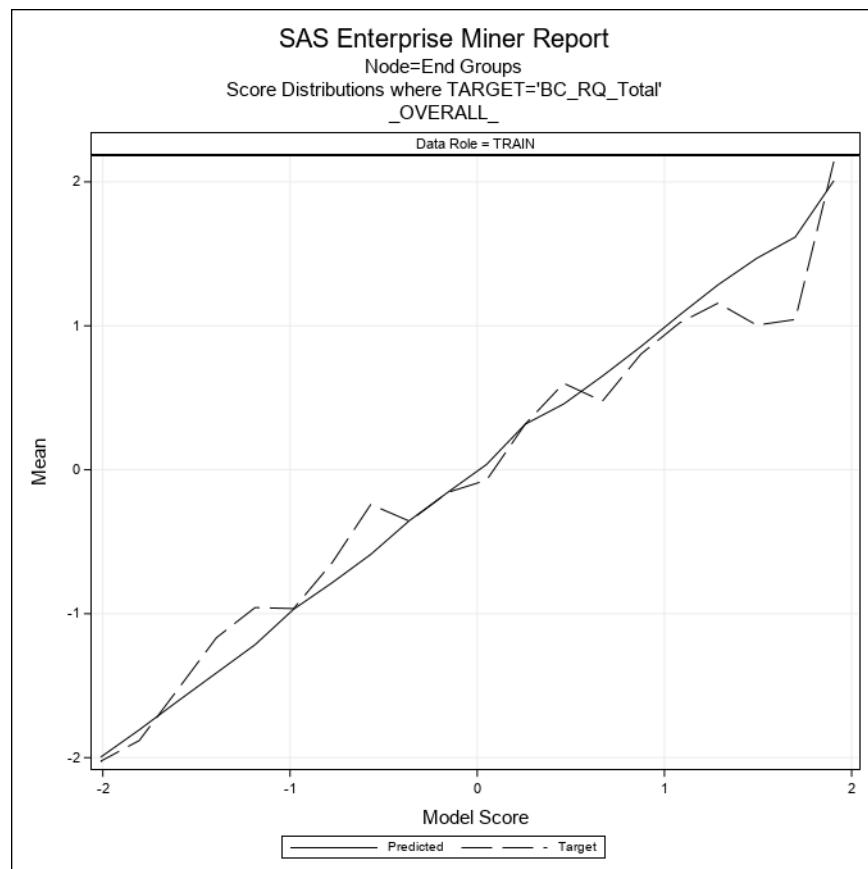
SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)



SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)









Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.924 - 2.140	2.13959	2.13959	2.13959	2.14157	2.14157	2.14157
1.278 - 1.494	1.38213	1.48076	1.28349	1.40606	1.53402	1.27810
1.063 - 1.278	1.18214	1.25760	1.07203	1.19162	1.39377	1.10018
0.848 - 1.063	0.93840	1.04490	0.88615	0.88643	1.06762	0.46444
0.632 - 0.848	0.77807	0.83416	0.77438	0.78165	1.91976	-1.33329
0.417 - 0.632	0.52994	0.58194	0.48697	0.52566	0.59284	0.48509
0.202 - 0.417	0.33413	0.41604	0.20742	0.36805	0.64939	-0.04480
-0.014 - 0.202	0.02689	0.19580	-0.01084	-0.02421	1.15516	-1.69512
-0.229 - -0.014	-0.10758	-0.02008	-0.21775	-0.01094	0.95030	-0.39592
-0.444 - -0.229	-0.33131	-0.24207	-0.43576	-0.35189	-0.08552	-0.56369
-0.660 - -0.444	-0.54811	-0.45286	-0.63522	-0.54083	-0.41331	-0.65958
-0.875 - -0.660	-0.78619	-0.68991	-0.87484	-0.79857	-0.68844	-0.88221
-1.090 - -0.875	-0.98214	-0.88871	-1.03840	-0.98331	0.70185	-2.12353
-1.306 - -1.090	-1.25167	-1.22329	-1.30306	-1.20207	-1.18976	-1.22281
-1.521 - -1.306	-1.44452	-1.33883	-1.52025	-1.42721	-1.33329	-1.51040
-1.736 - -1.521	-1.65012	-1.52310	-1.70579	-1.66543	-1.54517	-1.71804
-1.951 - -1.736	-1.76489	-1.76489	-1.76489	-1.77371	-1.77371	-1.77371
-2.167 - -1.951	-2.04601	-1.96803	-2.16678	-2.07399	-1.98839	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.805 - 2.008	2.00810	2.00810	2.00810	2.14157	2.14157	2.14157
1.196 - 1.399	1.30422	1.31100	1.29744	1.21789	1.24703	1.18876
0.993 - 1.196	1.10526	1.11682	1.02355	1.11282	2.53080	-1.33329
0.790 - 0.993	0.87715	0.94021	0.80229	0.77824	1.13984	-0.10239
0.586 - 0.790	0.66029	0.77917	0.60537	0.70276	1.53402	-0.21681
0.383 - 0.586	0.48548	0.58627	0.40130	0.48937	0.93883	0.30123
0.180 - 0.383	0.28813	0.35286	0.18493	0.23060	0.53607	-0.12851
-0.023 - 0.180	0.03020	0.17035	-0.02256	0.02875	1.27810	-1.37563
-0.226 - -0.023	-0.08011	-0.02419	-0.14150	0.00186	0.85413	-0.55186
-0.429 - -0.226	-0.33251	-0.24279	-0.41857	-0.35866	-0.07701	-0.99712
-0.632 - -0.429	-0.53862	-0.45549	-0.58989	-0.54773	-0.48044	-0.59748
-0.835 - -0.632	-0.77539	-0.65339	-0.83181	-0.85185	-0.37628	-1.36958
-1.038 - -0.835	-0.88876	-0.83577	-0.99779	-0.81831	-0.45401	-1.03519
-1.241 - -1.038	-1.16708	-1.05322	-1.23955	-1.26842	-1.12723	-1.60749
-1.444 - -1.241	-1.26840	-1.24428	-1.39375	-1.26554	0.64939	-2.14837
-1.648 - -1.444	-1.57256	-1.49887	-1.64247	-1.51970	-0.94872	-2.12003
-2.054 - -1.851	-1.95323	-1.85276	-2.05369	-2.01379	-1.98839	-2.03918

Node=End Groups Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.775 - 1.977	1.86710	1.97662	1.78274	1.75550	1.85573	1.69572
1.573 - 1.775	1.72921	1.76211	1.69630	1.64437	1.74649	1.54226
1.371 - 1.573	1.47264	1.54075	1.37108	1.45093	2.14157	1.18876
1.169 - 1.371	1.22297	1.30919	1.18059	1.26960	1.67589	0.98260
0.967 - 1.169	1.05555	1.14076	0.97531	1.09832	1.62035	0.58917
0.765 - 0.967	0.90233	0.96301	0.77176	0.90526	2.53080	-1.44120
0.563 - 0.765	0.67221	0.75979	0.56283	0.72148	1.14354	0.36842
0.361 - 0.563	0.44563	0.56068	0.36459	0.46476	1.13984	-0.72713
0.159 - 0.361	0.30045	0.35904	0.17007	0.24318	0.53607	-0.16595
-0.043 - 0.159	0.08659	0.15367	-0.02808	0.09803	1.53402	-0.93832
-0.245 - -0.043	-0.09566	-0.06901	-0.13725	-0.10509	0.08087	-0.33564
-0.447 - -0.245	-0.34342	-0.24904	-0.43485	-0.32312	-0.19078	-0.41118
-0.649 - -0.447	-0.53570	-0.45855	-0.59475	-0.53602	-0.09689	-0.95512
-0.851 - -0.649	-0.79037	-0.69233	-0.84006	-0.80256	1.15516	-2.14837
-1.053 - -0.851	-0.94300	-0.85332	-1.03853	-0.63651	0.00957	-1.22281
-1.255 - -1.053	-1.17793	-1.13572	-1.25114	-1.24883	-1.12723	-1.48341
-1.457 - -1.255	-1.26341	-1.25657	-1.27025	-1.32739	-1.14437	-1.51040
-1.659 - -1.457	-1.55436	-1.51895	-1.58536	-1.61291	-1.54517	-1.68223
-1.861 - -1.659	-1.73668	-1.68689	-1.78646	-1.91991	-1.71630	-2.12353
-2.063 - -1.861	-1.98846	-1.91364	-2.06329	-1.98695	-1.93471	-2.03918

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.456 - 1.615	1.49690	1.61525	1.47223	1.50522	2.53080	0.33196
1.296 - 1.456	1.37211	1.40802	1.35249	1.39299	1.53402	1.20060
1.136 - 1.296	1.20698	1.26629	1.15095	1.21686	1.54488	1.10521
0.977 - 1.136	1.04094	1.09278	0.98809	1.01314	1.16461	0.82183
0.817 - 0.977	0.89268	0.96083	0.83501	0.88068	1.04430	0.68168
0.657 - 0.817	0.75036	0.80108	0.70387	0.71973	1.03977	0.31162
0.498 - 0.657	0.56983	0.64938	0.50770	0.55321	1.93737	-0.71719
0.338 - 0.498	0.39145	0.47573	0.34902	0.41771	0.47450	0.32797
0.178 - 0.338	0.23108	0.28247	0.18912	0.22022	1.39377	-0.54080
0.019 - 0.178	0.11089	0.16958	0.02738	0.24842	0.59284	-0.08552
-0.141 - 0.019	-0.07619	-0.03834	-0.10390	0.04705	0.44271	-0.09587
-0.300 - -0.141	-0.22290	-0.14414	-0.29642	-0.30196	0.19702	-1.11233
-0.460 - -0.300	-0.33445	-0.30136	-0.43694	-0.31172	0.98831	-1.98839
-0.620 - -0.460	-0.55111	-0.46325	-0.60260	-0.61767	-0.19078	-0.89192
-0.779 - -0.620	-0.70814	-0.66590	-0.77234	-0.75156	-0.57888	-0.88221
-0.939 - -0.779	-0.84593	-0.78659	-0.89491	-0.83533	-0.61792	-1.09122
-1.099 - -0.939	-0.98558	-0.94496	-1.02546	-0.95000	-0.82199	-1.03519
-1.258 - -1.099	-1.19129	-1.11285	-1.24271	-1.21155	-1.12723	-1.24826
-1.418 - -1.258	-1.32361	-1.30135	-1.35514	-1.44886	-0.84384	-1.93471
-1.578 - -1.418	-1.56595	-1.45895	-1.57766	-1.55547	-0.52192	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.915 - 2.125	2.12463	2.12463	2.12463	2.14157	2.14157	2.14157
1.077 - 1.286	1.10563	1.10563	1.10563	1.08830	1.08830	1.08830
0.867 - 1.077	0.90987	0.98395	0.89052	0.91575	2.53080	-1.33329
0.658 - 0.867	0.76797	0.86435	0.66375	0.83223	1.15516	0.64683
0.448 - 0.658	0.61583	0.65254	0.49014	0.58676	1.53402	-0.39592
0.238 - 0.448	0.36206	0.43469	0.27070	0.32576	0.70185	-0.91229
0.029 - 0.238	0.16519	0.22676	0.04656	0.24898	1.13984	0.00363
-0.181 - 0.029	-0.14702	0.00458	-0.17860	-0.15577	0.99305	-1.45147
-0.390 - -0.181	-0.27424	-0.20193	-0.35605	-0.19344	0.85413	-0.64573
-0.600 - -0.390	-0.44259	-0.39259	-0.54015	-0.41942	-0.34565	-0.57481
-0.809 - -0.600	-0.70444	-0.61894	-0.79997	-0.68291	0.67053	-2.14837
-1.019 - -0.809	-0.93174	-0.82320	-1.01323	-0.98867	-0.77931	-1.39504
-1.229 - -1.019	-1.14694	-1.02976	-1.21623	-1.23089	-1.11799	-1.44120
-1.438 - -1.229	-1.33471	-1.23642	-1.43604	-1.36035	-0.99712	-1.70934
-1.648 - -1.438	-1.48290	-1.46022	-1.59774	-1.49617	0.51216	-2.12353
-1.857 - -1.648	-1.68115	-1.64889	-1.69225	-1.60366	-0.54080	-2.12003
-2.067 - -1.857	-2.06680	-2.06680	-2.06680	-2.12353	-2.12353	-2.12353

Node=End Groups Score Distributions

Group=^(_fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.874 - 2.084	2.08403	2.08403	2.08403	2.14157	2.14157	2.14157
1.664 - 1.874	1.67145	1.67145	1.67145	1.69572	1.69572	1.69572
1.454 - 1.664	1.60467	1.60467	1.60467	1.63467	1.63467	1.63467
1.244 - 1.454	1.33744	1.43043	1.25533	1.36992	1.44516	1.27377
1.034 - 1.244	1.13659	1.21285	1.08288	1.10012	1.18876	0.88374
0.824 - 1.034	0.94587	1.02980	0.85772	0.94866	1.81338	-1.33329
0.614 - 0.824	0.81289	0.81289	0.81289	0.79578	0.79578	0.79578
0.404 - 0.614	0.46117	0.56556	0.41797	0.45106	0.58742	0.36842
0.194 - 0.404	0.30199	0.38422	0.24012	0.29163	0.41900	0.11352
-0.016 - 0.194	0.02421	0.19343	-0.01152	0.01317	1.26278	-1.45147
-0.226 - -0.016	-0.06977	-0.02207	-0.18538	0.09442	1.13984	-0.24082
-0.437 - -0.226	-0.37469	-0.35669	-0.39148	-0.34427	-0.21681	-0.41331
-0.647 - -0.437	-0.56218	-0.49728	-0.61940	-0.56166	0.68168	-2.12353
-0.857 - -0.647	-0.76605	-0.65207	-0.83727	-0.76548	1.15516	-2.12003
-1.067 - -0.857	-0.94538	-0.88538	-1.05806	-0.93270	-0.82095	-1.03519
-1.277 - -1.067	-1.17332	-1.12286	-1.24663	-1.17213	-1.09122	-1.24997
-1.487 - -1.277	-1.39898	-1.29607	-1.46199	-1.43385	-1.36958	-1.50677
-1.697 - -1.487	-1.61240	-1.52081	-1.69195	-1.61520	-1.51040	-1.71630
-1.907 - -1.697	-1.79305	-1.71444	-1.90397	-1.80267	-1.71804	-1.91626
-2.117 - -1.907	-2.01896	-1.93190	-2.11689	-2.02045	-1.90123	-2.12353

Node=End Groups Score Distributions

Group=^(_fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.997 - 2.207	2.20672	2.20672	2.20672	2.14157	2.14157	2.14157
1.787 - 1.997	1.87128	1.87128	1.87128	1.81338	1.81338	1.81338
1.577 - 1.787	1.70832	1.76797	1.65248	1.73637	1.93737	1.58573
1.367 - 1.577	1.47097	1.56412	1.36759	1.54886	1.76112	1.29809
1.157 - 1.367	1.28111	1.36094	1.17465	1.16650	1.33127	0.68366
0.947 - 1.157	1.05124	1.15641	0.98793	1.05330	1.18876	0.93883
0.737 - 0.947	0.84872	0.88937	0.76339	0.86113	2.53080	-0.43311
0.527 - 0.737	0.67637	0.73280	0.52982	0.61311	1.39377	-0.05933
0.317 - 0.527	0.39998	0.51649	0.32463	0.45803	1.53402	-0.32455
0.107 - 0.317	0.19825	0.30878	0.10865	0.23621	0.98260	-1.37563
-0.103 - 0.107	0.05437	0.08968	-0.10281	0.05462	1.42447	-1.71630
-0.313 - -0.103	-0.19206	-0.10753	-0.30164	-0.18988	-0.07701	-0.34565
-0.523 - -0.313	-0.38711	-0.31405	-0.50495	-0.32228	0.54283	-0.72713
-0.733 - -0.523	-0.63524	-0.52732	-0.72417	-0.67550	-0.53404	-1.03519
-0.943 - -0.733	-0.85778	-0.76839	-0.91510	-0.86335	0.68168	-2.11306
-1.153 - -0.943	-1.02867	-0.94479	-1.13818	-1.01802	-0.94838	-1.19363
-1.363 - -1.153	-1.23293	-1.16554	-1.34161	-1.25286	-0.99712	-1.69512
-1.573 - -1.363	-1.47682	-1.42874	-1.54714	-1.47028	-1.00612	-2.14837
-1.783 - -1.573	-1.60626	-1.58915	-1.64328	-1.70280	-1.41445	-2.00400
-1.993 - -1.783	-1.91207	-1.79879	-1.99305	-1.90124	-1.48341	-2.12353

Node=End Groups Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.478 - 1.617	1.60061	1.61680	1.49376	1.59668	2.53080	0.81371
1.339 - 1.478	1.43913	1.45292	1.42733	1.44554	1.44711	1.44435
1.200 - 1.339	1.22215	1.28123	1.20999	1.21869	1.54488	0.89321
1.061 - 1.200	1.09155	1.09155	1.09155	1.14395	1.14395	1.14395
0.922 - 1.061	0.99848	1.05504	0.98334	0.99325	1.93737	0.07866
0.783 - 0.922	0.86551	0.90570	0.81234	0.87869	1.40120	0.08087
0.644 - 0.783	0.69463	0.69463	0.69463	0.70185	0.70185	0.70185
0.367 - 0.505	0.37254	0.37745	0.36763	0.37404	0.37966	0.36842
0.228 - 0.367	0.34878	0.35245	0.23988	0.35025	1.91976	-2.12353
0.089 - 0.228	0.12435	0.13495	0.11361	0.11281	0.11970	0.10520
-0.050 - 0.089	0.01769	0.05344	-0.04357	-0.02720	0.05364	-0.09587
-0.189 - -0.050	-0.13443	-0.10406	-0.16673	-0.13839	-0.09689	-0.23974
-0.328 - -0.189	-0.23058	-0.20907	-0.26975	-0.22607	-0.16595	-0.25629
-0.467 - -0.328	-0.39424	-0.34357	-0.45277	-0.39081	-0.34228	-0.45401
-0.606 - -0.467	-0.55698	-0.49293	-0.59972	-0.56345	-0.48044	-0.64573
-0.745 - -0.606	-0.70767	-0.68140	-0.73394	-0.72301	-0.68844	-0.75757
-0.884 - -0.745	-0.87461	-0.87116	-0.87806	-0.87444	-0.85695	-0.89192
-1.023 - -0.884	-0.93723	-0.89424	-0.97492	-0.92903	-0.87824	-0.97047
-1.162 - -1.023	-1.16154	-1.15553	-1.16161	-1.16152	1.13984	-2.14837

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.802 - 2.008	2.00810	2.00810	2.00810	2.14157	2.14157	2.14157
1.596 - 1.802	1.61680	1.61680	1.61680	1.04374	1.27377	0.81371
1.390 - 1.596	1.46865	1.50483	1.42961	1.00469	1.63467	-1.11799
1.184 - 1.390	1.28506	1.38355	1.20269	1.15770	1.67589	-0.21219
0.977 - 1.184	1.07467	1.14840	0.99286	1.02003	1.85573	-0.09493
0.771 - 0.977	0.85587	0.96131	0.77438	0.80324	2.53080	-1.33329
0.565 - 0.771	0.65036	0.75715	0.57007	0.47630	1.53402	-0.36894
0.359 - 0.565	0.45708	0.56429	0.36082	0.60055	1.62035	0.20746
0.153 - 0.359	0.31614	0.35334	0.17007	0.31639	1.81338	-1.39504
-0.053 - 0.153	0.03703	0.12448	-0.03604	-0.07217	1.04430	-1.36958
-0.259 - -0.053	-0.15578	-0.06402	-0.21312	-0.15702	0.85413	-1.03519
-0.465 - -0.259	-0.35348	-0.28857	-0.43694	-0.35689	0.31280	-0.99712
-0.672 - -0.465	-0.58783	-0.50369	-0.66919	-0.24114	1.91976	-1.44120
-0.878 - -0.672	-0.78438	-0.68140	-0.87349	-0.64475	1.15516	-2.12353
-1.084 - -0.878	-0.96911	-0.88068	-0.99507	-0.96459	0.38121	-2.12003
-1.290 - -1.084	-1.21551	-1.16161	-1.28236	-0.95750	0.64939	-2.14837
-1.496 - -1.290	-1.41120	-1.32352	-1.47492	-1.16676	0.51216	-1.65597
-1.702 - -1.496	-1.60726	-1.50185	-1.69829	-1.52530	-0.80863	-2.12003
-1.908 - -1.702	-1.80675	-1.76073	-1.85276	-1.88105	-1.77371	-1.98839
-2.115 - -1.908	-1.99663	-1.93190	-2.11456	-2.02496	-1.93471	-2.12353

Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	351
2	^(fold_=2)	343
3	^(fold_=3)	332
4	^(fold_=4)	348
5	^(fold_=5)	346
6	^(fold_=6)	340
7	^(fold_=7)	342
8	^(fold_=8)	349

SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 4 Summary

Node id = Boost6
 Node label = Gradient Boosting Tuned 4
 Meta path = Ids => Trans => Grp12 => Boost6
 Notes =

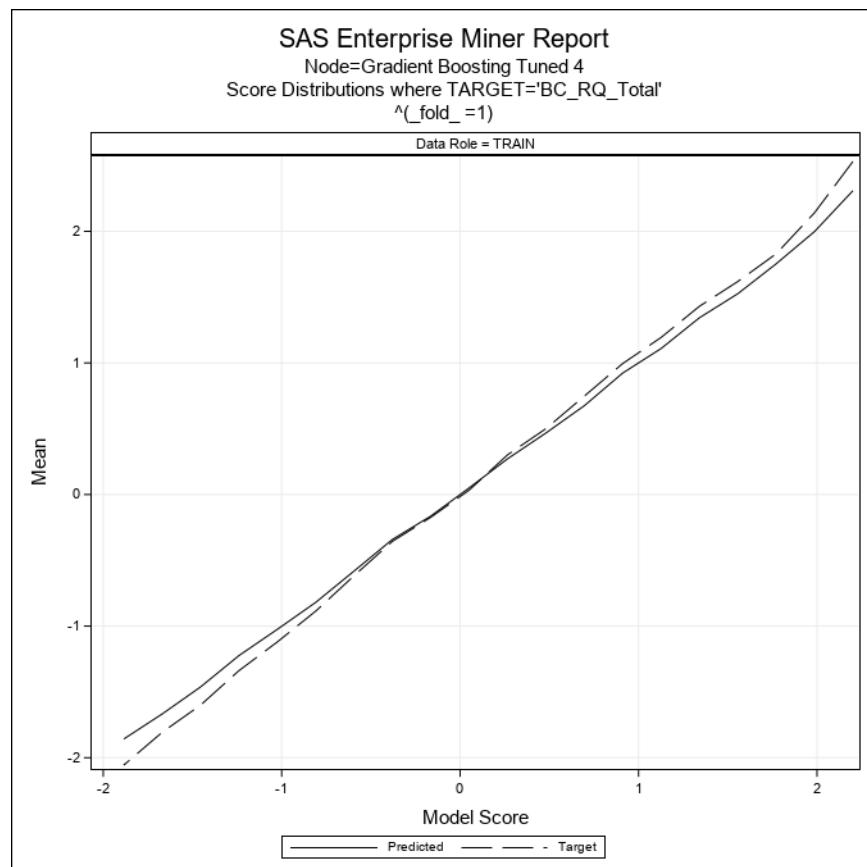
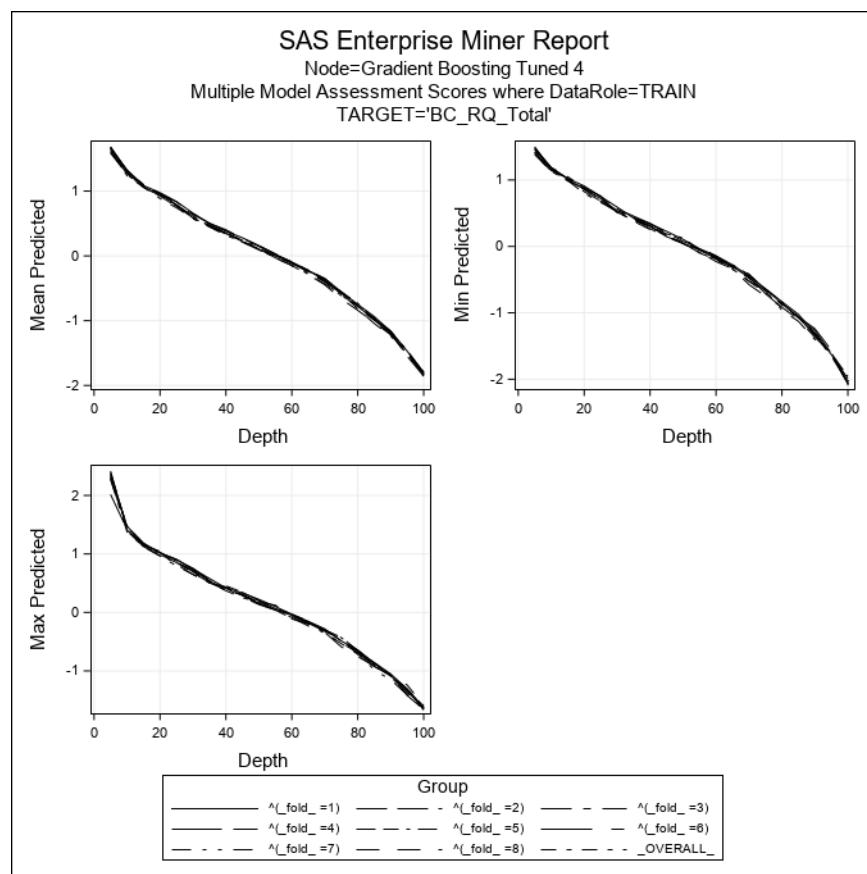
Node=Gradient Boosting Tuned 4 Properties

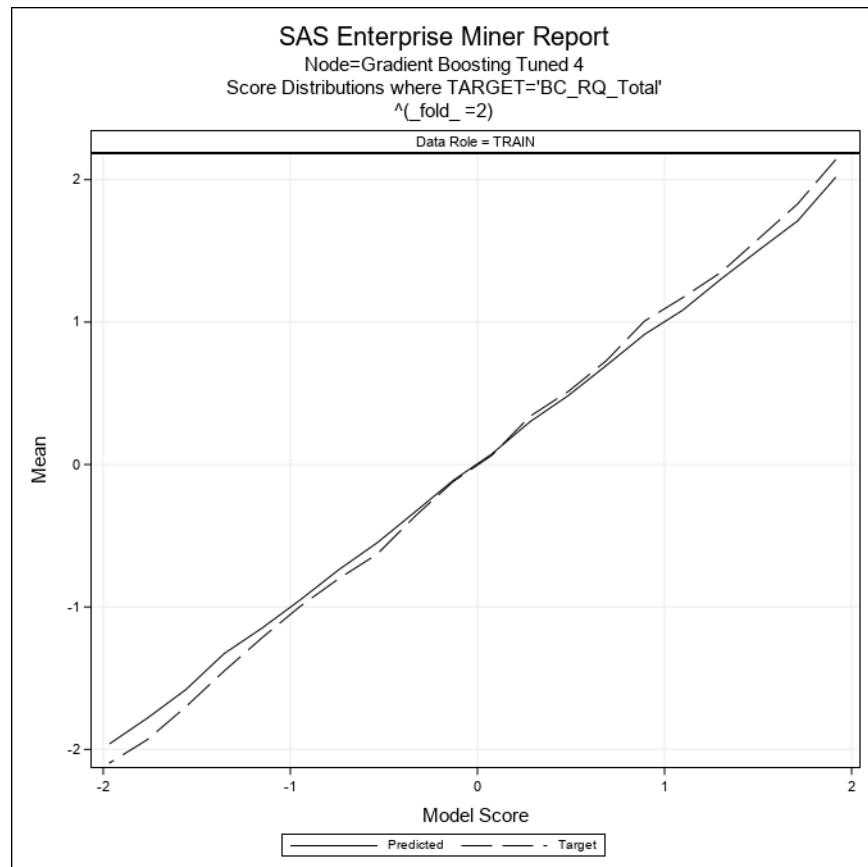
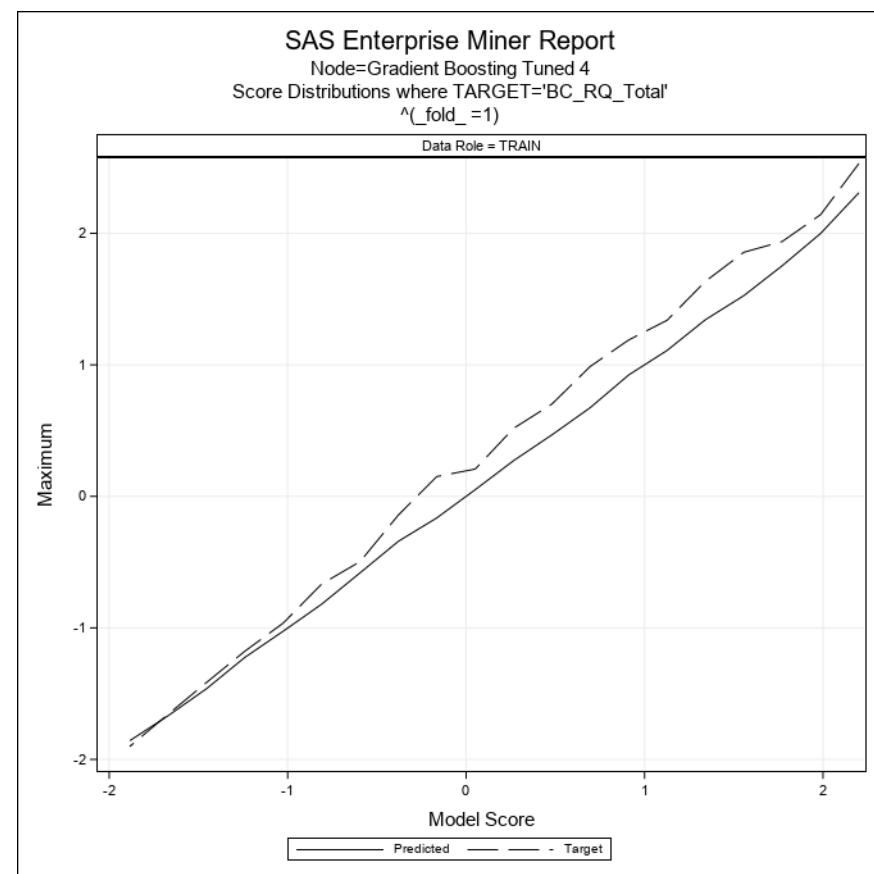
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	4	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	6	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	1	
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	0.1	
Huber	NO		NSurrs	0		SplitSize	.	
IntervalBins	100		NodeSize	20000		SubSeries	BEST	
IterationNum	1		NumPairImp	0		ToolType	MODEL	
Iterations	50		NumSingleImp	5		TrainProportion	60	
LeafFraction	0.001		ObsImportance	Y	N	VarSelection	N	Y

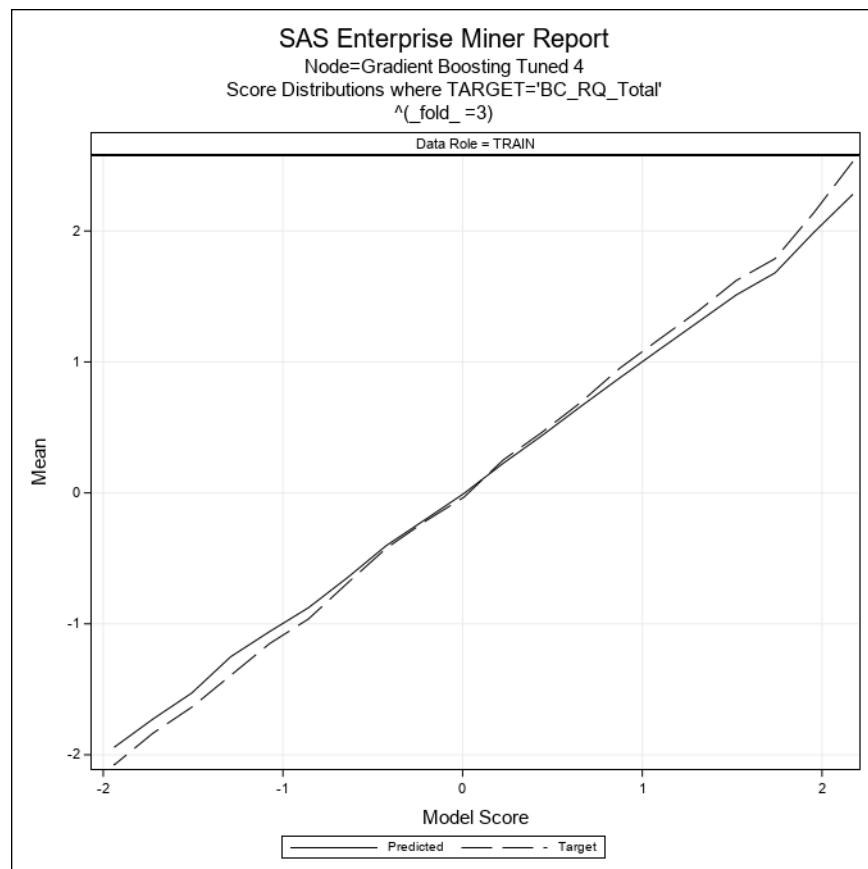
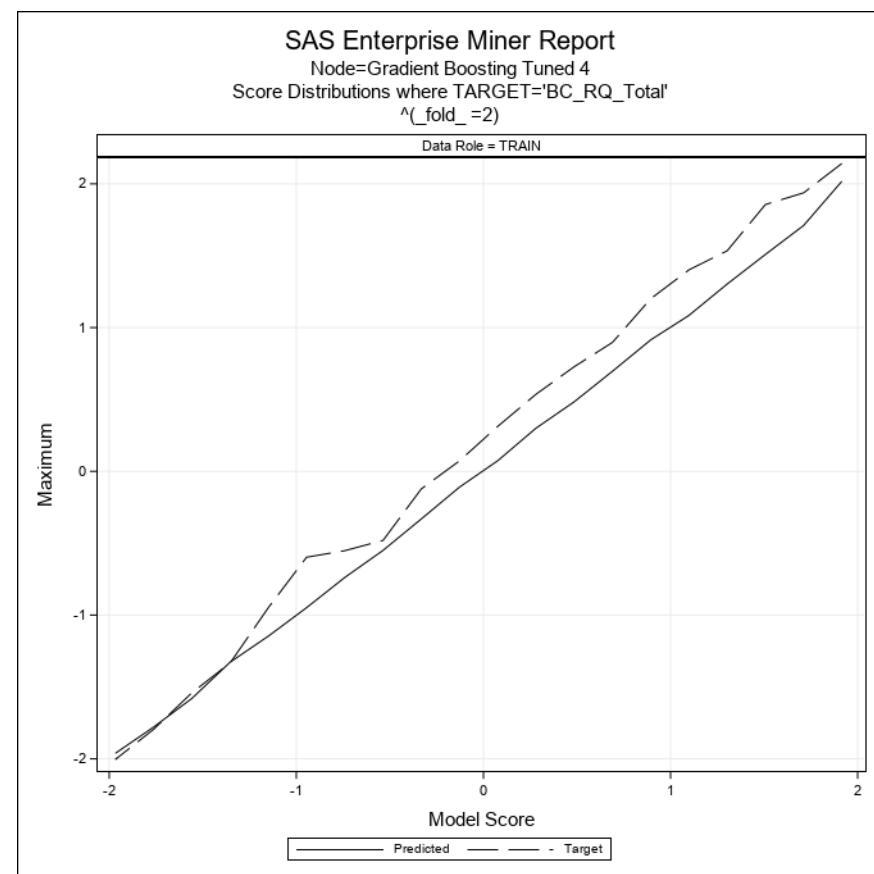
Node=Gradient Boosting Tuned 4 Variable Summary

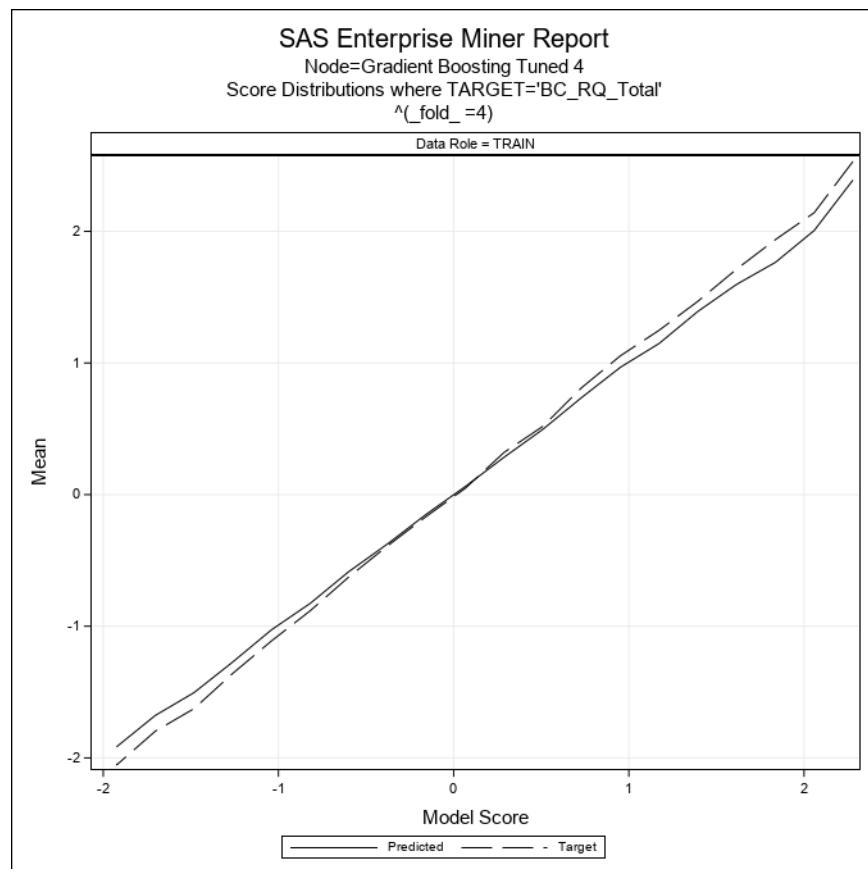
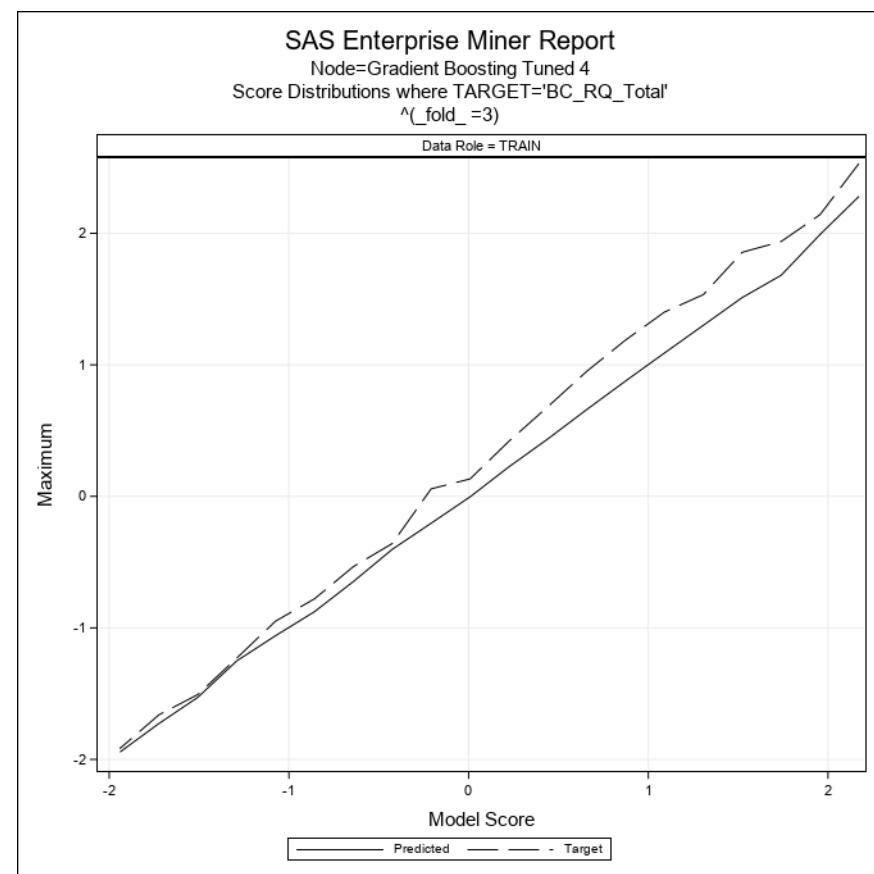
Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

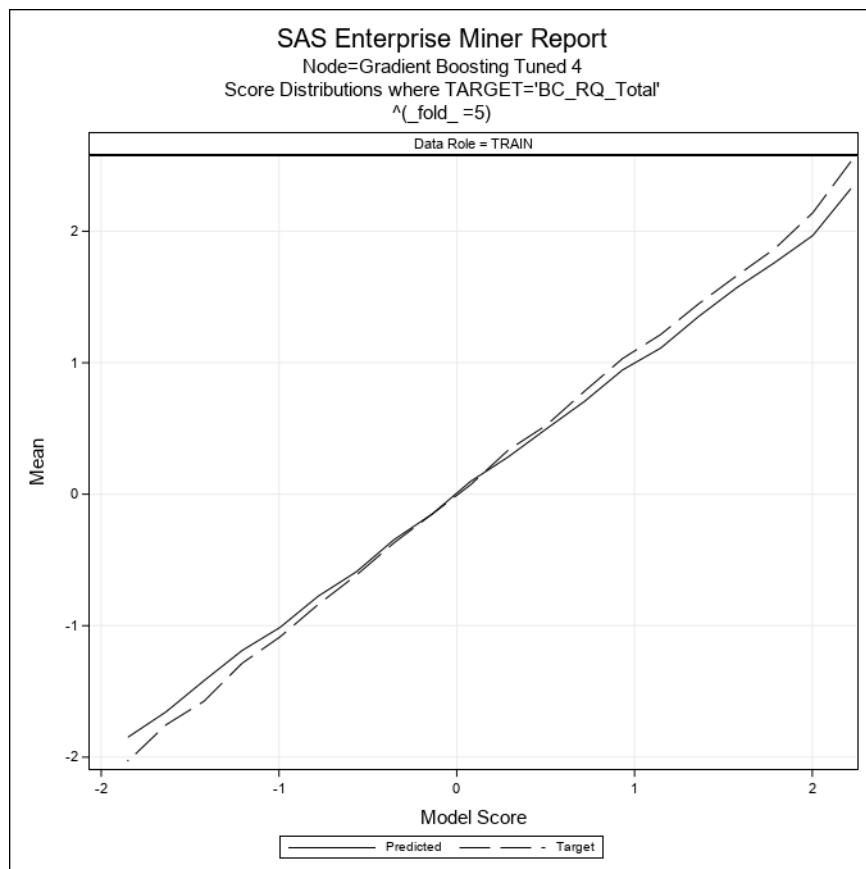
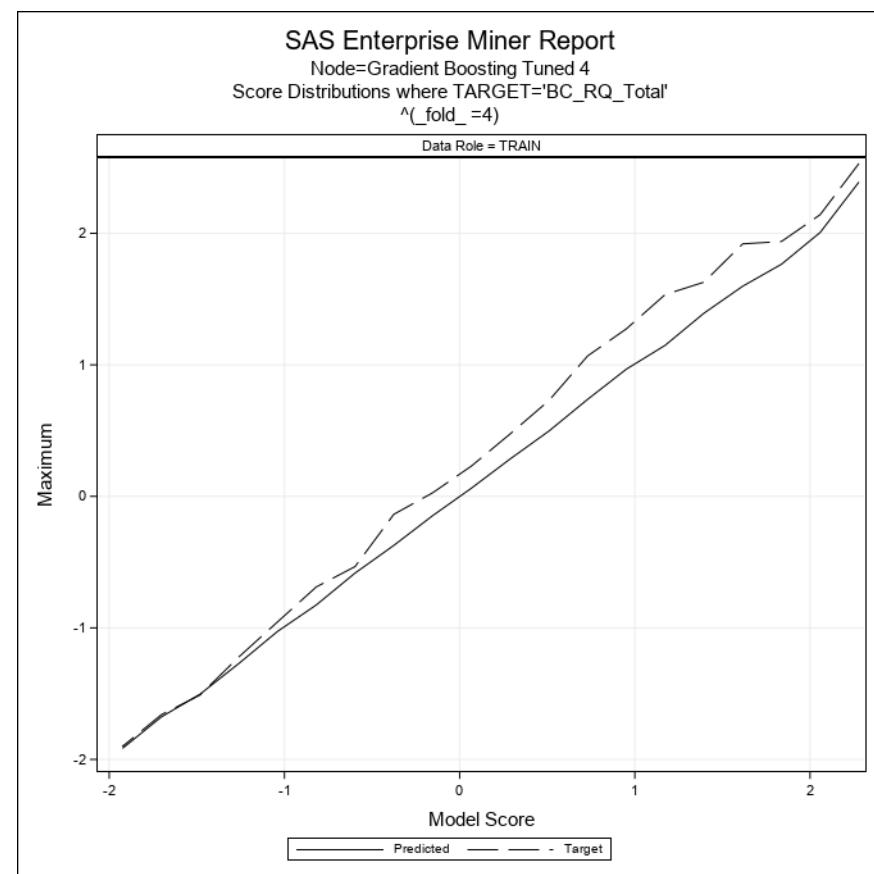
Group Index	Group	Train:		Sum of Case Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total Target Label
		Train: Target Variable	Train: Sum of Frequencies								
1	^(fold_=1)	BC_RQ_Total	346	346	0.36927	4.2918	0.01240	0.11137	346	346	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	343	343	0.42648	3.6721	0.01071	0.10347	343	343	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	344	344	0.32966	3.5985	0.01046	0.10228	344	344	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	348	348	0.32990	3.5410	0.01018	0.10087	348	348	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	338	338	0.33957	3.6555	0.01081	0.10400	338	338	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Total	340	340	0.28744	3.4023	0.01001	0.10003	340	340	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Total	344	344	0.41820	4.0848	0.01187	0.10897	344	344	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Total	342	342	0.32578	3.5089	0.01026	0.10129	342	342	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Total	393	.	2.42350	69.0942	0.17581	0.41930	393	.	ReQuest (total score) (Box-Cox transformed)

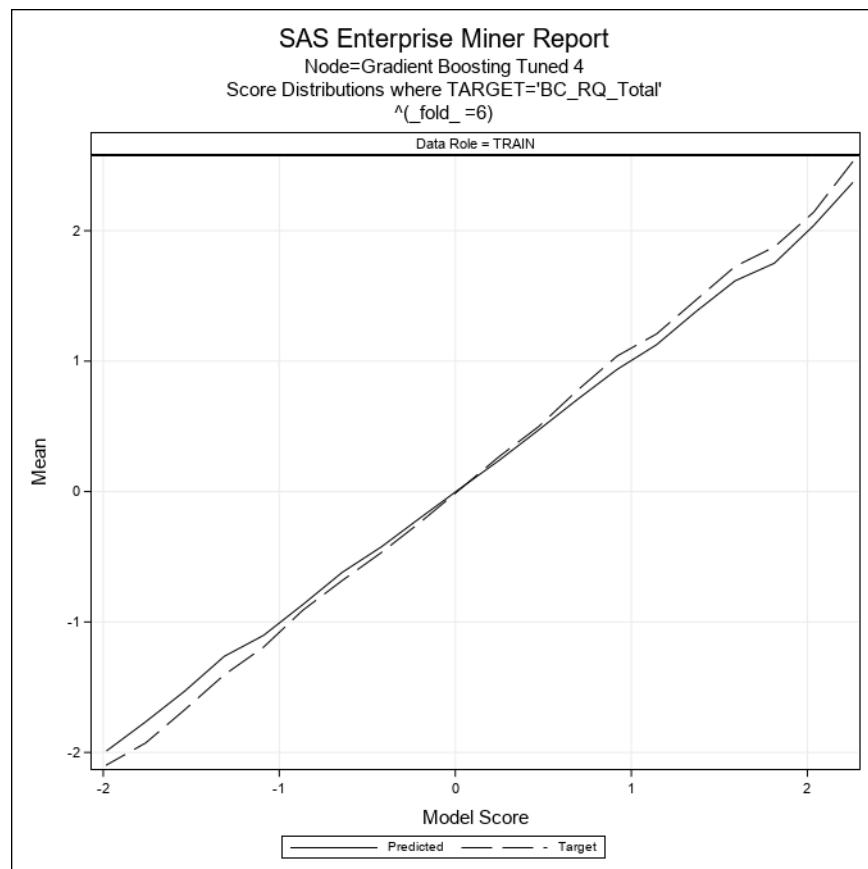
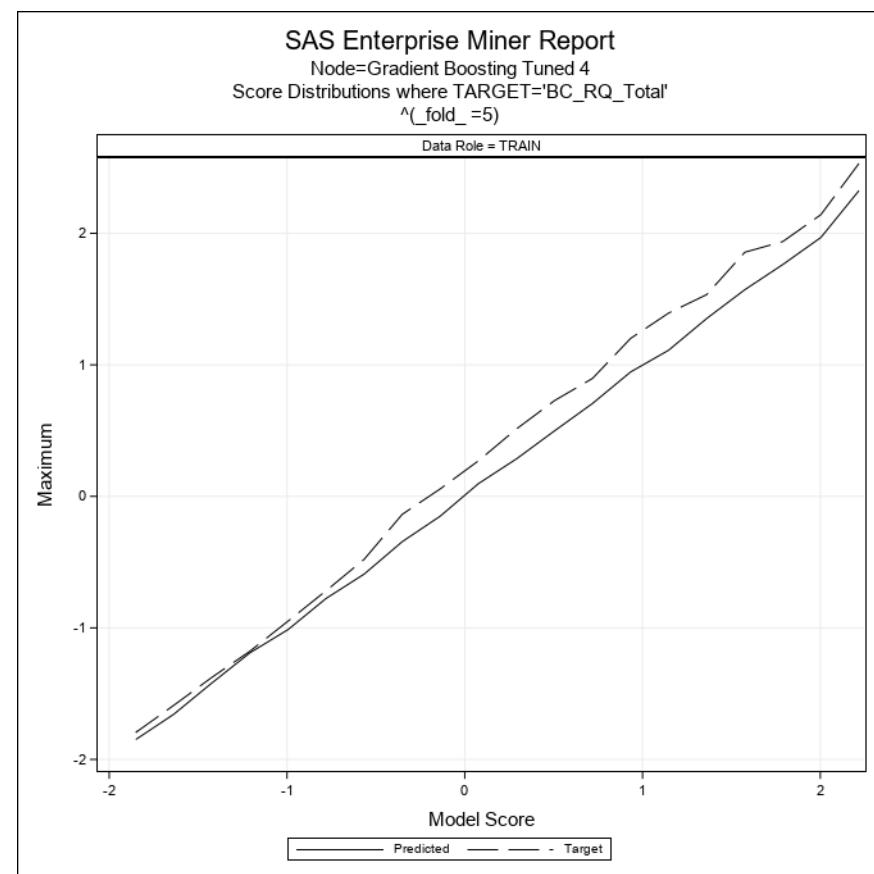


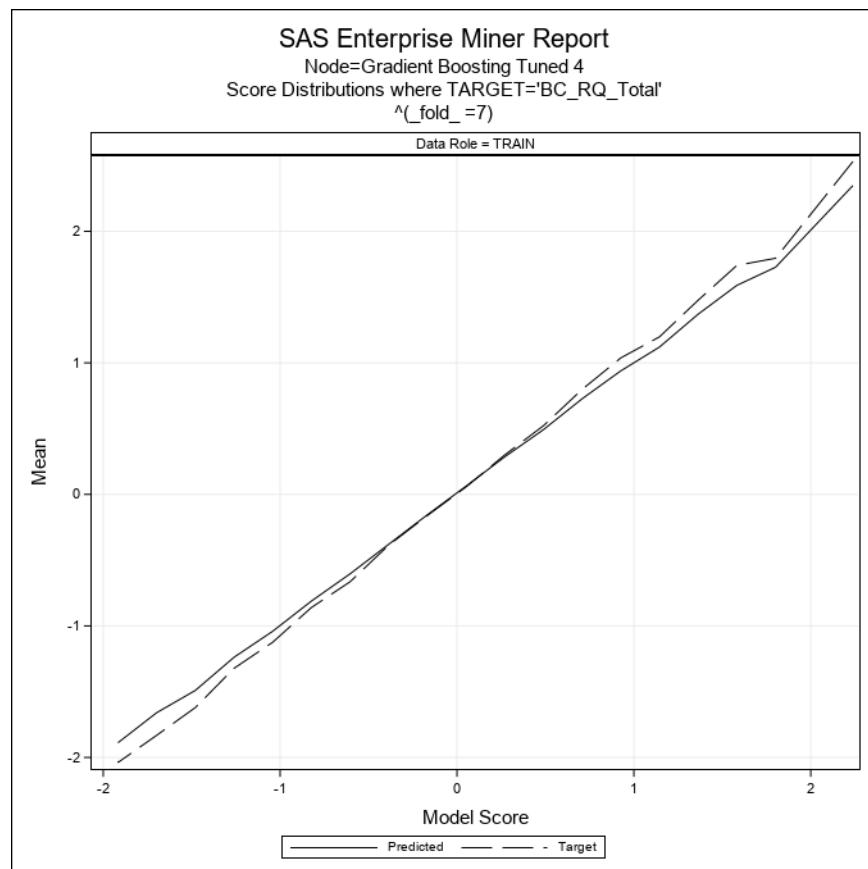
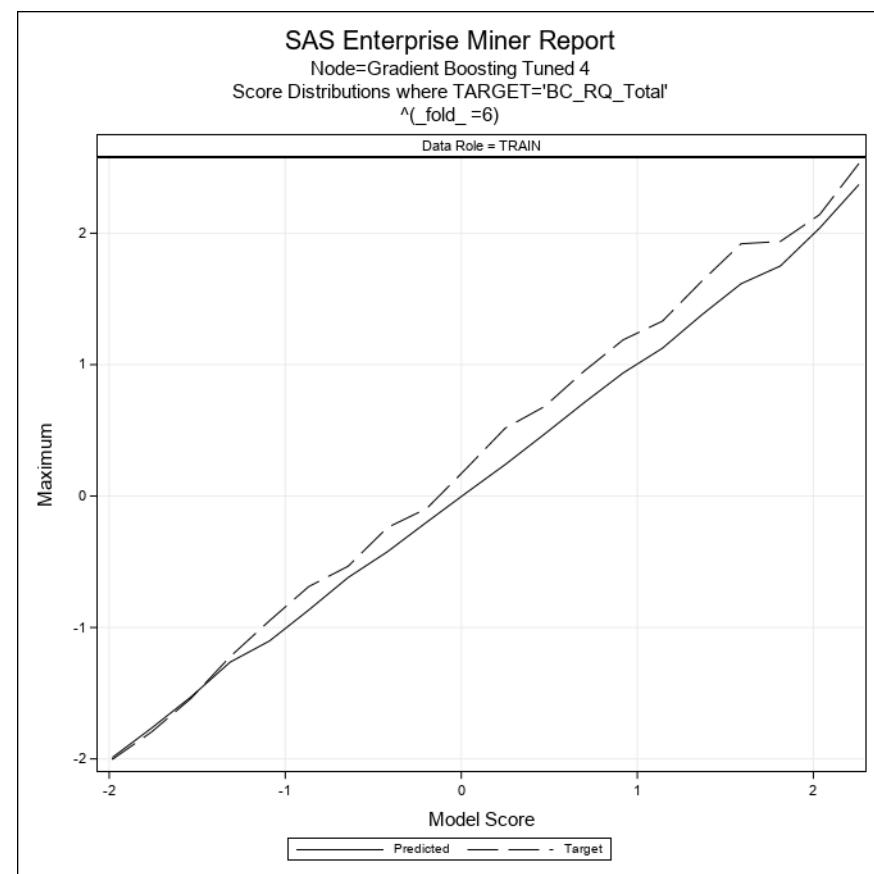


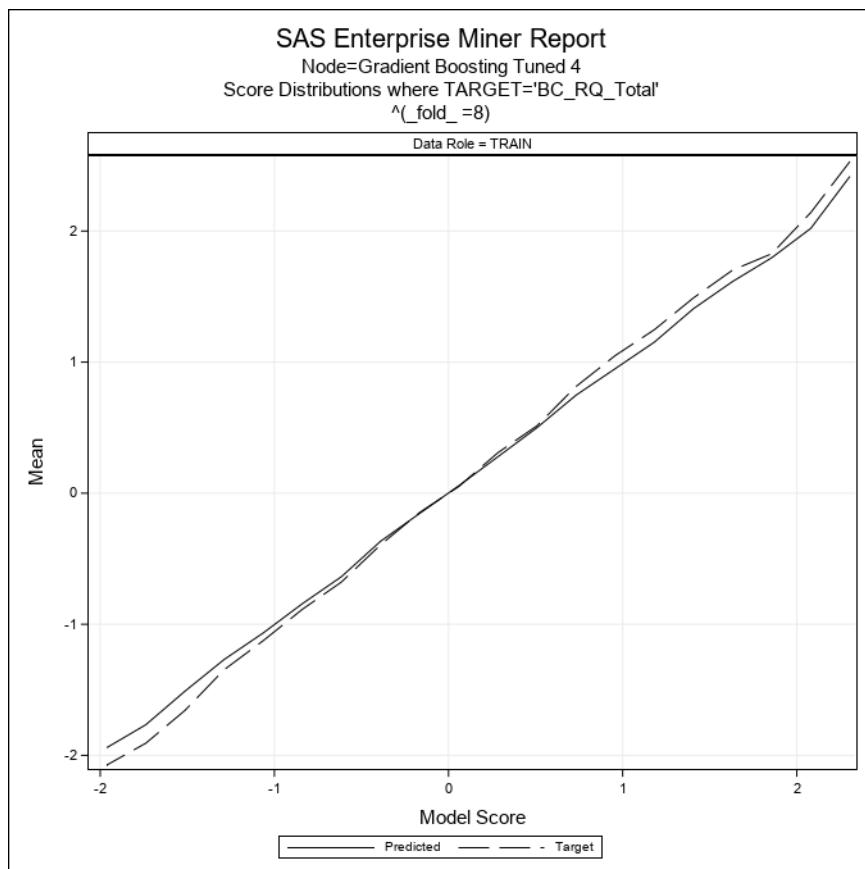
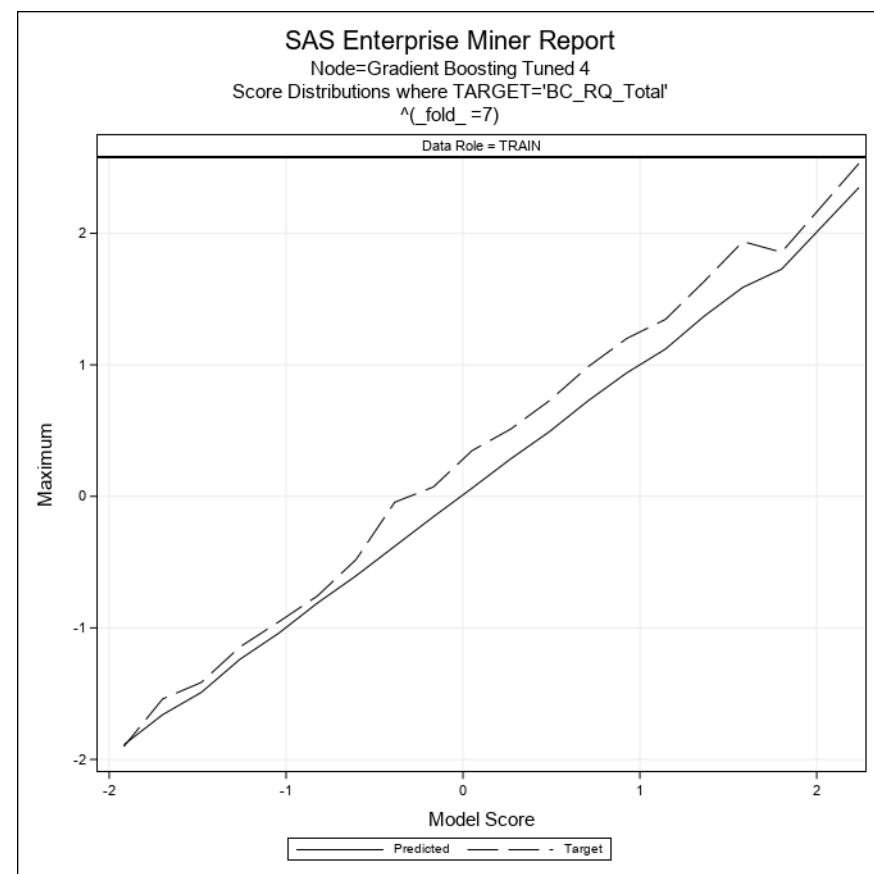


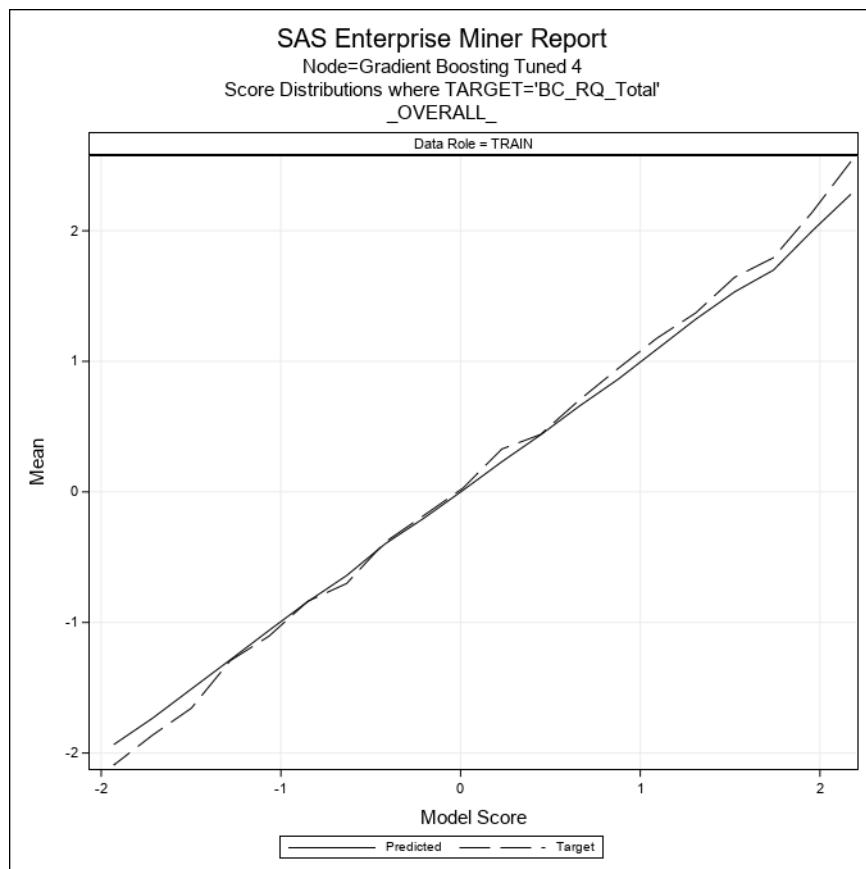
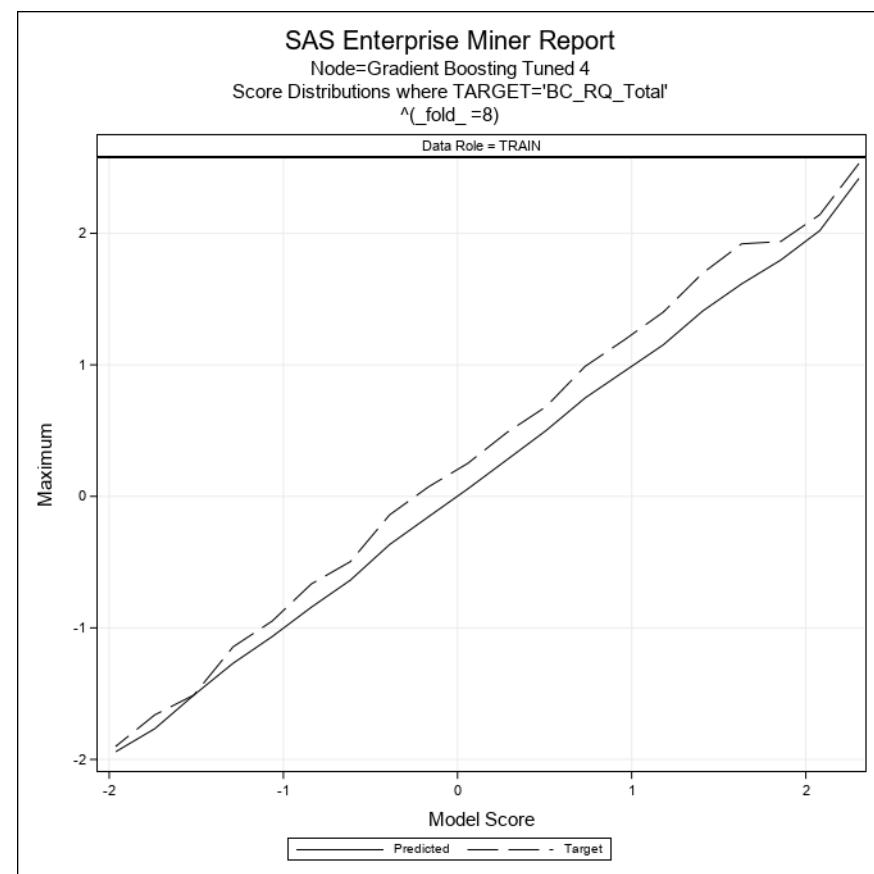


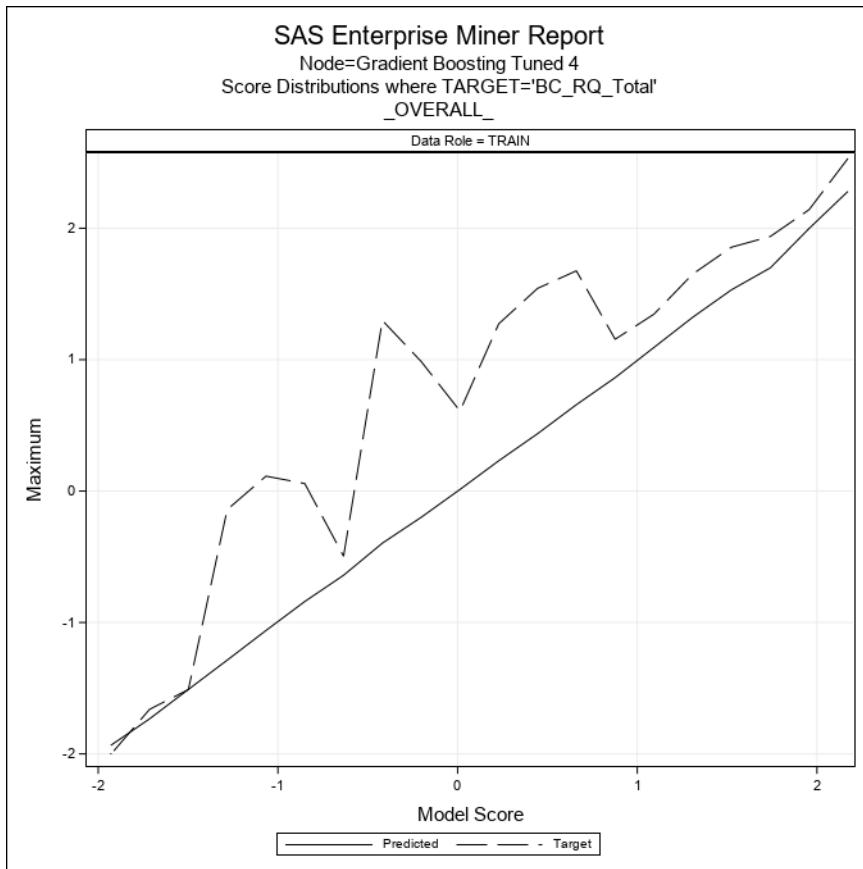












Node=Gradient Boosting Tuned 4

Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.094 - 2.309	2.30892	2.30892	2.30892	2.53080	2.53080	2.53080
1.879 - 2.094	1.99856	1.99856	1.99856	2.14157	2.14157	2.14157
1.664 - 1.879	1.75332	1.81835	1.70556	1.82934	1.93737	1.71506
1.449 - 1.664	1.52594	1.61743	1.46809	1.61868	1.85573	1.44435
1.234 - 1.449	1.34321	1.43748	1.26725	1.43051	1.63467	1.27273
1.019 - 1.234	1.10927	1.22847	1.02205	1.19347	1.33889	0.98677
0.804 - 1.019	0.92293	1.01383	0.80684	0.99525	1.18876	0.78645
0.589 - 0.804	0.67503	0.76874	0.59207	0.74773	0.98831	0.58742
0.373 - 0.589	0.46756	0.57985	0.37955	0.50067	0.70185	0.33679
0.158 - 0.373	0.27142	0.37291	0.16653	0.30173	0.51716	0.07866
-0.057 - 0.158	0.05062	0.14677	-0.05183	0.03345	0.20746	-0.10239
-0.272 - -0.057	-0.16371	-0.08036	-0.27088	-0.17287	0.15058	-0.43311
-0.487 - -0.272	-0.34130	-0.27613	-0.44671	-0.35568	-0.14129	-0.48044
-0.702 - -0.487	-0.58145	-0.48738	-0.69472	-0.61689	-0.49605	-0.77132
-0.917 - -0.702	-0.81959	-0.71186	-0.91623	-0.88621	-0.66643	-1.22281
-1.132 - -0.917	-1.02452	-0.92580	-1.12138	-1.12030	-0.96273	-1.33329
-1.347 - -1.132	-1.22386	-1.14866	-1.34633	-1.33836	-1.17661	-1.60552
-1.562 - -1.347	-1.46202	-1.36115	-1.55586	-1.60017	-1.41445	-1.75125
-1.777 - -1.562	-1.66748	-1.56849	-1.74699	-1.80649	-1.65597	-2.03918
-1.992 - -1.777	-1.85747	-1.78016	-1.99207	-2.05599	-1.90123	-2.14837

Node=Gradient Boosting Tuned 4

Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.813 - 2.018	2.01771	2.01771	2.01771	2.14157	2.14157	2.14157
1.609 - 1.813	1.71027	1.80505	1.61937	1.82967	1.93737	1.71506
1.405 - 1.609	1.50860	1.59774	1.41898	1.59003	1.85573	1.28937
1.200 - 1.405	1.30272	1.39298	1.21551	1.35003	1.53402	1.22217
0.996 - 1.200	1.08456	1.19581	1.00138	1.17256	1.40120	1.01263
0.792 - 0.996	0.91425	0.99012	0.81514	1.00826	1.20060	0.78645
0.587 - 0.792	0.69605	0.78058	0.59064	0.72991	0.89675	0.51716
0.383 - 0.587	0.48382	0.58186	0.39133	0.51256	0.72777	0.31162
0.179 - 0.383	0.30009	0.38097	0.18227	0.33828	0.53607	0.07866
-0.026 - 0.179	0.07397	0.17653	-0.02045	0.06375	0.31280	-0.33564
-0.230 - -0.026	-0.10993	-0.02727	-0.22410	-0.11793	0.07301	-0.24082
-0.434 - -0.230	-0.33130	-0.23019	-0.42191	-0.36160	-0.12240	-0.61792
-0.639 - -0.434	-0.54997	-0.46150	-0.63475	-0.62979	-0.48044	-0.87824
-0.843 - -0.639	-0.73815	-0.63978	-0.83220	-0.80088	-0.55186	-1.12700
-1.047 - -0.843	-0.94839	-0.84548	-1.02551	-0.99335	-0.59748	-1.23865
-1.252 - -1.047	-1.14659	-1.05469	-1.24012	-1.21430	-0.94838	-1.44120
-1.456 - -1.252	-1.32758	-1.26372	-1.43162	-1.44996	-1.33329	-1.54517
-1.660 - -1.456	-1.57999	-1.49739	-1.66016	-1.70018	-1.54033	-1.98839
-1.865 - -1.660	-1.77878	-1.69355	-1.84107	-1.93013	-1.79468	-2.12003
-2.069 - -1.865	-1.96144	-1.91150	-2.06915	-2.09596	-2.00400	-2.14837

Node=Gradient Boosting Tuned 4

Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.064 - 2.280	2.28037	2.28037	2.28037	2.53080	2.53080	2.53080
1.848 - 2.064	1.99103	1.99103	1.99103	2.14157	2.14157	2.14157
1.631 - 1.848	1.68074	1.76767	1.63553	1.78916	1.93737	1.67589
1.415 - 1.631	1.51169	1.62996	1.42123	1.62205	1.85573	1.44435
1.198 - 1.415	1.30066	1.39662	1.22805	1.38400	1.53402	1.26278
0.982 - 1.198	1.09011	1.18663	1.01311	1.16916	1.40120	0.98677
0.765 - 0.982	0.87727	0.97346	0.77939	0.95113	1.18876	0.78030
0.549 - 0.765	0.65973	0.75994	0.55001	0.69081	0.95030	0.44077
0.333 - 0.549	0.43673	0.54386	0.33444	0.46183	0.68168	0.29246
0.116 - 0.333	0.22442	0.31712	0.11655	0.24972	0.41900	0.03446
-0.100 - 0.116	-0.00376	0.11370	-0.09607	-0.03226	0.13236	-0.21681
-0.317 - -0.100	-0.20429	-0.10280	-0.29973	-0.21754	0.05719	-0.38404
-0.533 - -0.317	-0.40269	-0.31838	-0.50618	-0.42300	-0.35853	-0.54080
-0.749 - -0.533	-0.64764	-0.53989	-0.74473	-0.68934	-0.53404	-0.91229
-0.966 - -0.749	-0.87684	-0.76646	-0.96178	-0.96278	-0.77931	-1.22281
-1.182 - -0.966	-1.05910	-0.97918	-1.15248	-1.15086	-0.94838	-1.33329
-1.399 - -1.182	-1.25125	-1.18420	-1.32925	-1.39358	-1.22968	-1.54517
-1.615 - -1.399	-1.52801	-1.41959	-1.61236	-1.63627	-1.50677	-1.75125
-1.832 - -1.615	-1.72721	-1.63813	-1.83010	-1.83512	-1.66099	-2.03918
-2.048 - -1.832	-1.94360	-1.84294	-2.04796	-2.07867	-1.91626	-2.14837

Node=Gradient Boosting Tuned 4

Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.168 - 2.390	2.38967	2.38967	2.38967	2.53080	2.53080	2.53080
1.947 - 2.168	2.00647	2.00647	2.00647	2.14157	2.14157	2.14157
1.726 - 1.947	1.76453	1.76453	1.76453	1.93737	1.93737	1.93737
1.505 - 1.726	1.59745	1.68027	1.53723	1.71337	1.91976	1.49995
1.284 - 1.505	1.39211	1.48637	1.30849	1.46884	1.62835	1.35740
1.062 - 1.284	1.14832	1.28017	1.06295	1.24886	1.53402	1.08830
0.841 - 1.062	0.96725	1.04775	0.84223	1.05453	1.27377	0.78645
0.620 - 0.841	0.73756	0.82014	0.62168	0.81228	1.06762	0.58260
0.399 - 0.620	0.49602	0.59072	0.39943	0.51871	0.72777	0.32170
0.177 - 0.399	0.28414	0.39225	0.17910	0.32091	0.47450	0.07866
-0.044 - 0.177	0.06178	0.14702	-0.04223	0.04826	0.22991	-0.10908
-0.265 - -0.044	-0.14719	-0.05600	-0.26493	-0.16407	0.02676	-0.43311
-0.486 - -0.265	-0.37291	-0.27765	-0.46121	-0.38785	-0.13661	-0.61466
-0.707 - -0.486	-0.58330	-0.49279	-0.68376	-0.62397	-0.53404	-0.74820
-0.929 - -0.707	-0.82544	-0.71135	-0.92841	-0.88161	-0.68844	-1.11799
-1.150 - -0.929	-1.02665	-0.94915	-1.14775	-1.11117	-0.95440	-1.24107
-1.371 - -1.150	-1.27103	-1.17243	-1.35295	-1.35765	-1.22141	-1.50677
-1.592 - -1.371	-1.50403	-1.38449	-1.55540	-1.62578	-1.51040	-1.75125
-1.814 - -1.592	-1.67758	-1.60662	-1.79736	-1.79733	-1.66047	-2.03918
-2.035 - -1.814	-1.91611	-1.82255	-2.03476	-2.05460	-1.90123	-2.14837

Node=Gradient Boosting Tuned 4

Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.110 - 2.324	2.32430	2.32430	2.32430	2.53080	2.53080	2.53080
1.896 - 2.110	1.96820	1.96820	1.96820	2.14157	2.14157	2.14157
1.682 - 1.896	1.76260	1.80588	1.69272	1.86787	1.93737	1.74649
1.468 - 1.682	1.57083	1.65841	1.48103	1.66192	1.85573	1.51134
1.254 - 1.468	1.35231	1.43223	1.25775	1.44839	1.53402	1.39090
1.040 - 1.254	1.11118	1.22627	1.04003	1.21445	1.39377	1.08076
0.826 - 1.040	0.94558	1.03748	0.83496	1.03204	1.20060	0.83823
0.612 - 0.826	0.70632	0.76525	0.62800	0.78335	0.89675	0.58742
0.398 - 0.612	0.49770	0.60018	0.40241	0.52552	0.72777	0.33679
0.184 - 0.398	0.28475	0.39003	0.18756	0.33653	0.51216	0.16629
-0.031 - 0.184	0.09644	0.17937	-0.02893	0.07026	0.26980	-0.12851
-0.245 - -0.031	-0.15005	-0.05189	-0.23930	-0.15010	0.05719	-0.36769
-0.459 - -0.245	-0.34431	-0.24605	-0.45308	-0.36837	-0.13661	-0.61792
-0.673 - -0.459	-0.59090	-0.47164	-0.67191	-0.61663	-0.47835	-0.84384
-0.887 - -0.673	-0.77584	-0.68262	-0.87787	-0.83893	-0.71719	-0.95512
-1.101 - -0.887	-1.01281	-0.91537	-1.09625	-1.08476	-0.94838	-1.22968
-1.315 - -1.101	-1.18916	-1.11608	-1.28117	-1.28618	-1.17661	-1.44120
-1.529 - -1.315	-1.41839	-1.31698	-1.50788	-1.57482	-1.37563	-1.71630
-1.743 - -1.529	-1.65588	-1.56865	-1.73025	-1.75446	-1.58791	-1.91626
-1.957 - -1.743	-1.84860	-1.76396	-1.95722	-2.03097	-1.79468	-2.14837

Node=Gradient Boosting Tuned 4

Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.147 - 2.370	2.37048	2.37048	2.37048	2.53080	2.53080	2.53080
1.924 - 2.147	2.03935	2.03935	2.03935	2.14157	2.14157	2.14157
1.701 - 1.924	1.75064	1.75064	1.75063	1.87537	1.93737	1.81338
1.478 - 1.701	1.61554	1.69116	1.54430	1.72601	1.91976	1.62035
1.254 - 1.478	1.37878	1.47085	1.25836	1.46710	1.63467	1.33889
1.031 - 1.254	1.12533	1.23232	1.03290	1.20826	1.33127	1.08830
0.808 - 1.031	0.93692	1.01670	0.80823	1.03919	1.18876	0.83823
0.585 - 0.808	0.70906	0.79848	0.59997	0.77944	0.94902	0.58917
0.362 - 0.585	0.47204	0.58143	0.36287	0.49808	0.68168	0.33679
0.138 - 0.362	0.24021	0.35142	0.14589	0.26938	0.51716	0.09819
-0.085 - 0.138	0.02277	0.12914	-0.08058	0.01731	0.20746	-0.12851
-0.308 - -0.085	-0.19865	-0.08823	-0.30754	-0.23289	-0.09493	-0.43311
-0.531 - -0.308	-0.42361	-0.31408	-0.52737	-0.46726	-0.23974	-0.65958
-0.755 - -0.531	-0.61988	-0.53730	-0.72573	-0.68259	-0.53404	-0.87824
-0.978 - -0.755	-0.86654	-0.75707	-0.97465	-0.90969	-0.68844	-1.11799
-1.201 - -0.978	-1.10247	-0.98359	-1.19399	-1.19296	-0.94838	-1.44120
-1.424 - -1.201	-1.26338	-1.20106	-1.40189	-1.40515	-1.22141	-1.61674
-1.647 - -1.424	-1.52846	-1.42928	-1.61092	-1.67097	-1.54033	-1.77371
-1.871 - -1.647	-1.76521	-1.67013	-1.83135	-1.92731	-1.79468	-2.03918
-2.094 - -1.871	-1.98939	-1.87357	-2.09383	-2.09695	-2.00400	-2.14837

Node=Gradient Boosting Tuned 4

Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.129 - 2.348	2.34789	2.34789	2.34789	2.53080	2.53080	2.53080
1.692 - 1.910	1.72695	1.75398	1.70733	1.79509	1.85573	1.71614
1.473 - 1.692	1.58905	1.67497	1.51785	1.74076	1.93737	1.58573
1.254 - 1.473	1.37029	1.46408	1.26006	1.47656	1.63467	1.33889
1.036 - 1.254	1.12028	1.25008	1.05333	1.19778	1.34601	1.01814
0.817 - 1.036	0.93922	1.02006	0.81988	1.03759	1.20060	0.82183
0.598 - 0.817	0.72683	0.81639	0.61002	0.79825	0.98595	0.58742
0.380 - 0.598	0.49219	0.59621	0.38354	0.52190	0.72777	0.35694
0.161 - 0.380	0.28555	0.37943	0.16342	0.30038	0.51216	0.07866
-0.058 - 0.161	0.06266	0.15504	-0.05184	0.05676	0.34779	-0.09671
-0.276 - -0.058	-0.15500	-0.06588	-0.26648	-0.16045	0.07159	-0.36578
-0.495 - -0.276	-0.37924	-0.28246	-0.48558	-0.38606	-0.04480	-0.65958
-0.714 - -0.495	-0.60422	-0.51333	-0.71325	-0.66459	-0.48044	-0.88221
-0.933 - -0.714	-0.81140	-0.71519	-0.93045	-0.86039	-0.75757	-1.00612
-1.151 - -0.933	-1.04070	-0.94386	-1.15092	-1.12415	-0.95440	-1.33329
-1.370 - -1.151	-1.23856	-1.15351	-1.31916	-1.32264	-1.14449	-1.51040
-1.589 - -1.370	-1.49049	-1.40169	-1.58720	-1.62075	-1.41445	-1.75125
-1.807 - -1.589	-1.65994	-1.60042	-1.73017	-1.83186	-1.54033	-2.14837
-2.026 - -1.807	-1.88817	-1.82348	-2.02609	-2.03861	-1.90123	-2.12353

Node=Gradient Boosting Tuned 4

Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.193 - 2.417	2.41734	2.41734	2.41734	2.53080	2.53080	2.53080
1.968 - 2.193	2.02059	2.02059	2.02059	2.14157	2.14157	2.14157
1.743 - 1.968	1.79619	1.81914	1.77324	1.82676	1.93737	1.71614
1.519 - 1.743	1.61498	1.72938	1.51919	1.70213	1.91976	1.48934
1.294 - 1.519	1.40762	1.51811	1.33326	1.49014	1.69572	1.35740
1.070 - 1.294	1.15253	1.27454	1.07176	1.24731	1.40120	1.10521
0.845 - 1.070	0.95028	1.05213	0.85387	1.05007	1.18876	0.85413
0.620 - 0.845	0.74821	0.82749	0.64155	0.81451	0.98831	0.60913
0.396 - 0.620	0.49994	0.59759	0.41351	0.51456	0.68168	0.32797
0.171 - 0.396	0.27791	0.38522	0.19592	0.30894	0.48519	-0.07650
-0.054 - 0.171	0.05668	0.15620	-0.04832	0.05097	0.25085	-0.09671
-0.278 - -0.054	-0.15425	-0.05451	-0.26864	-0.14707	0.07301	-0.29960
-0.503 - -0.278	-0.36683	-0.28639	-0.49543	-0.39434	-0.14129	-0.57888
-0.727 - -0.503	-0.63694	-0.51168	-0.72683	-0.67793	-0.49605	-0.87824
-0.952 - -0.727	-0.84319	-0.74907	-0.91938	-0.88615	-0.66623	-1.11233
-1.177 - -0.952	-1.06633	-0.95909	-1.16199	-1.12535	-0.94838	-1.24019
-1.401 - -1.177	-1.26923	-1.17819	-1.38908	-1.34700	-1.14449	-1.50677
-1.626 - -1.401	-1.51061	-1.41206	-1.62130	-1.65739	-1.51040	-1.75125
-1.850 - -1.626	-1.76632	-1.67512	-1.83122	-1.90720	-1.66099	-2.12003
-2.075 - -1.850	-1.94173	-1.85337	-2.07512	-2.07423	-1.90123	-2.14837

Node=Gradient Boosting Tuned 4

Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.064 - 2.280	2.28037	2.28037	2.28037	2.53080	2.53080	2.53080
1.849 - 2.064	1.99856	1.99856	1.99856	2.14157	2.14157	2.14157
1.633 - 1.849	1.69857	1.80588	1.63912	1.79340	1.93737	1.62835
1.417 - 1.633	1.53180	1.61329	1.41898	1.64344	1.85573	1.49995
1.201 - 1.417	1.32280	1.40828	1.21939	1.37097	1.65154	0.44077
0.985 - 1.201	1.09282	1.18760	0.99340	1.17739	1.34601	0.99406
0.769 - 0.985	0.86311	0.96294	0.77159	0.94551	1.15516	0.78030
0.553 - 0.769	0.65713	0.76570	0.56378	0.70385	1.67589	-0.58179
0.337 - 0.553	0.43647	0.55116	0.34174	0.43992	1.54226	-1.45147
0.121 - 0.337	0.23057	0.33444	0.12501	0.32799	1.27273	-0.34565
-0.095 - 0.121	0.01217	0.11850	-0.09010	0.02887	0.60913	-0.17792
-0.311 - -0.095	-0.19982	-0.09816	-0.30607	-0.17860	0.98595	-1.19363
-0.527 - -0.311	-0.39656	-0.31408	-0.52594	-0.38298	1.29809	-0.97047
-0.743 - -0.527	-0.64080	-0.53267	-0.73864	-0.70187	-0.49605	-1.17661
-0.958 - -0.743	-0.84049	-0.75463	-0.95649	-0.83756	0.05719	-1.29713
-1.174 - -0.958	-1.06112	-0.96604	-1.16199	-1.10503	0.11352	-1.65597
-1.390 - -1.174	-1.28669	-1.18206	-1.37330	-1.29297	-0.14129	-1.60552
-1.606 - -1.390	-1.50951	-1.40169	-1.60408	-1.65640	-1.51040	-1.77371
-1.822 - -1.606	-1.73316	-1.64565	-1.79418	-1.86262	-1.66099	-1.98839
-2.038 - -1.822	-1.93521	-1.85337	-2.03809	-2.09232	-2.00400	-2.14837

Node=Gradient Boosting Tuned 4

Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	357
2	^(fold_=2)	349
3	^(fold_=3)	339
4	^(fold_=4)	337
5	^(fold_=5)	339
6	^(fold_=6)	351
7	^(fold_=7)	340
8	^(fold_=8)	339

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp12
 Node label = End Groups
 Meta path = Ids => Trans => Grp12 => Boost6 => EndGrp12
 Notes =

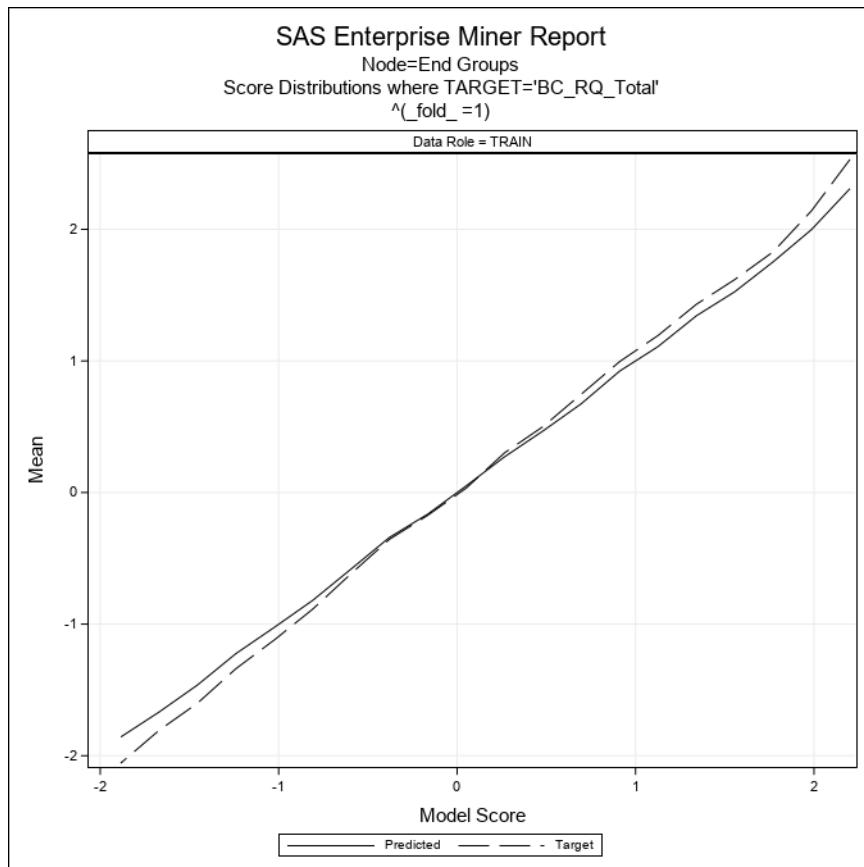
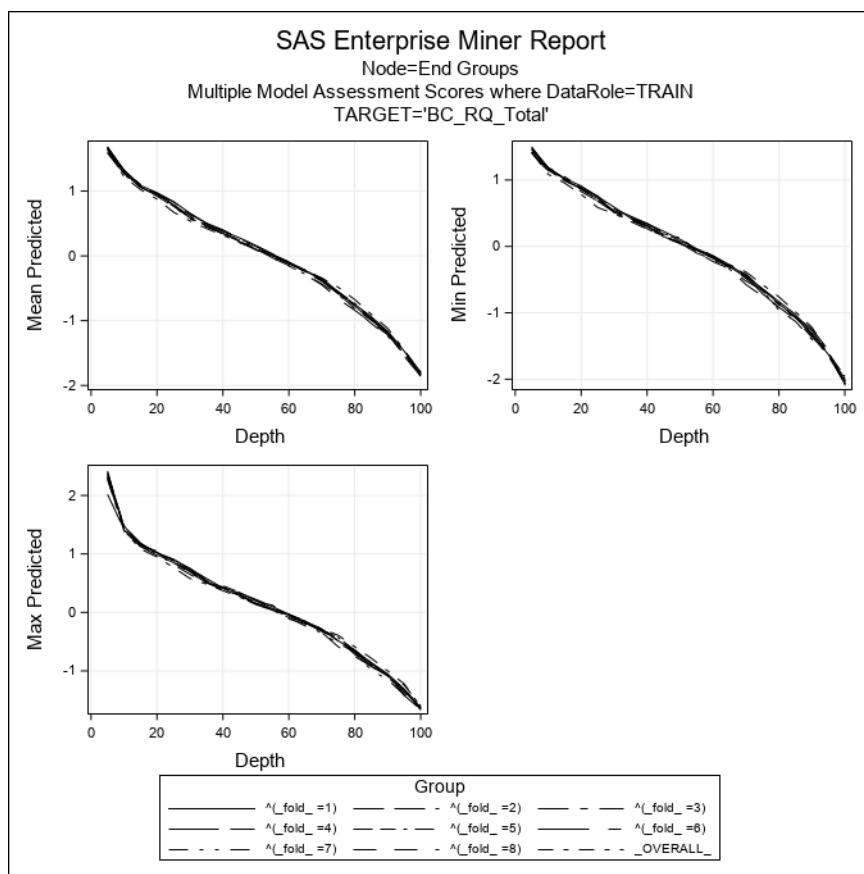
Node=End Groups Properties

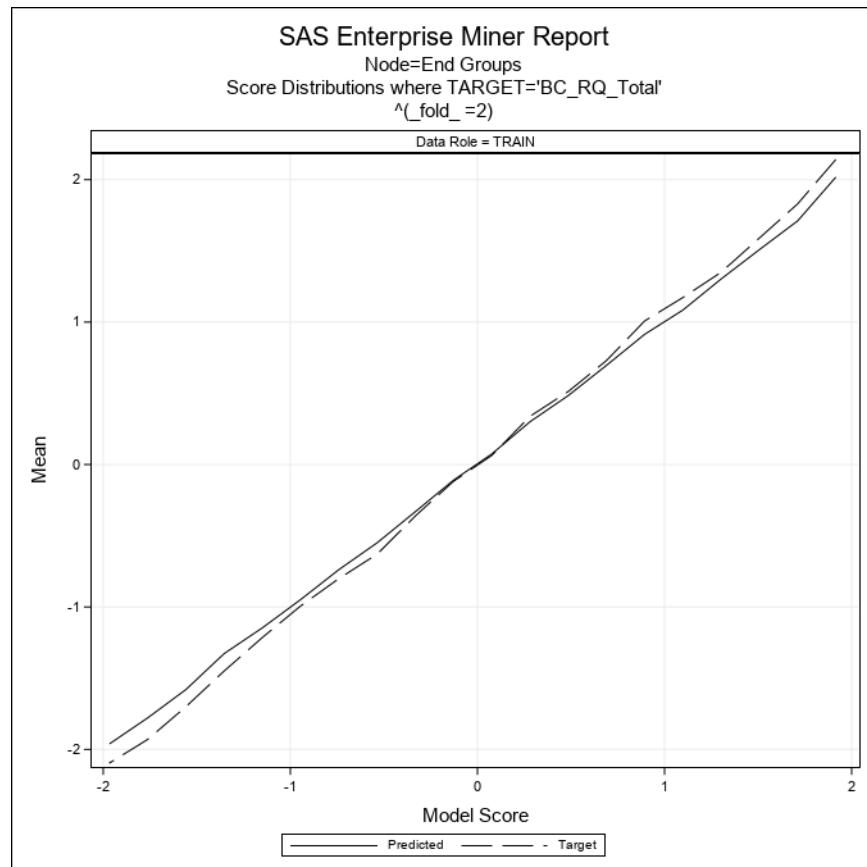
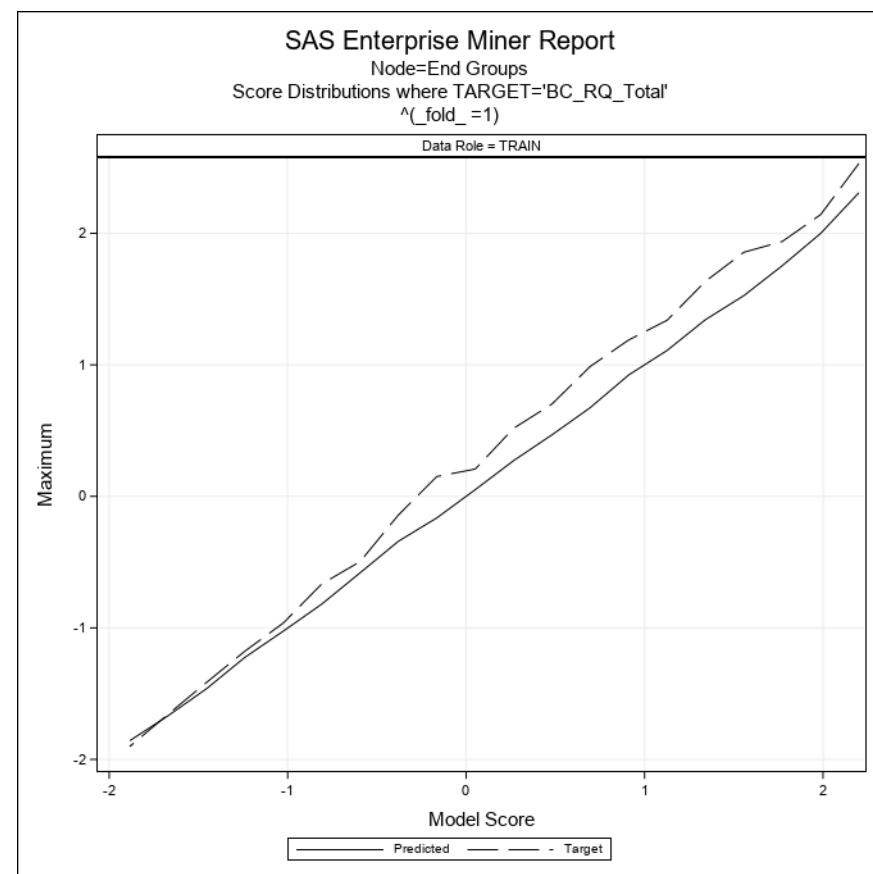
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

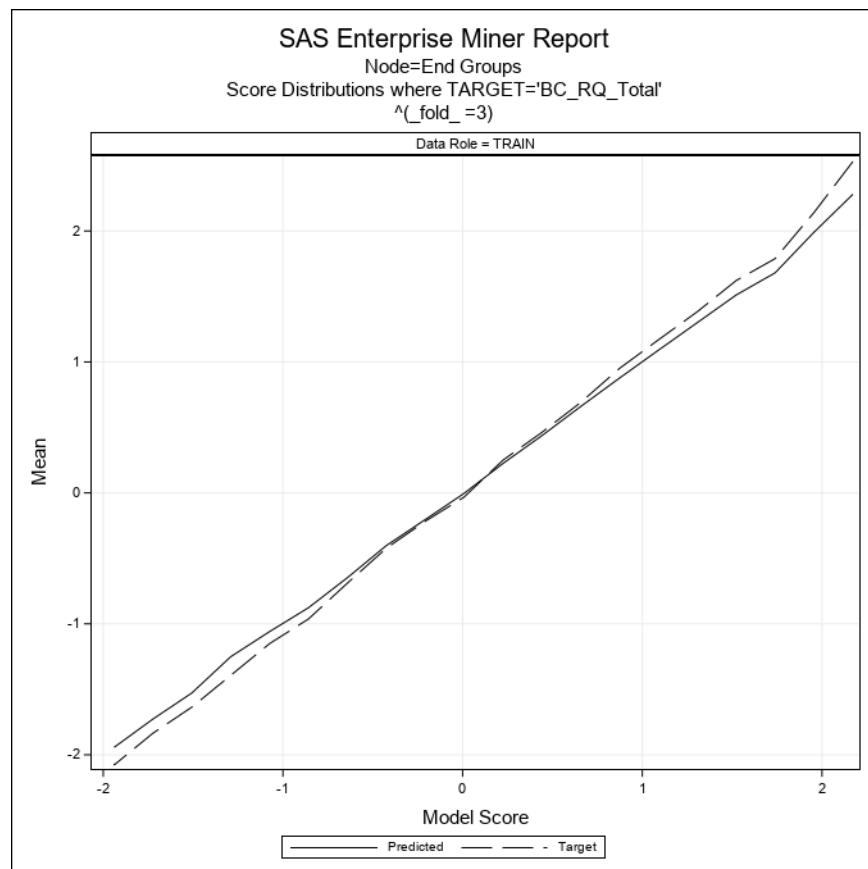
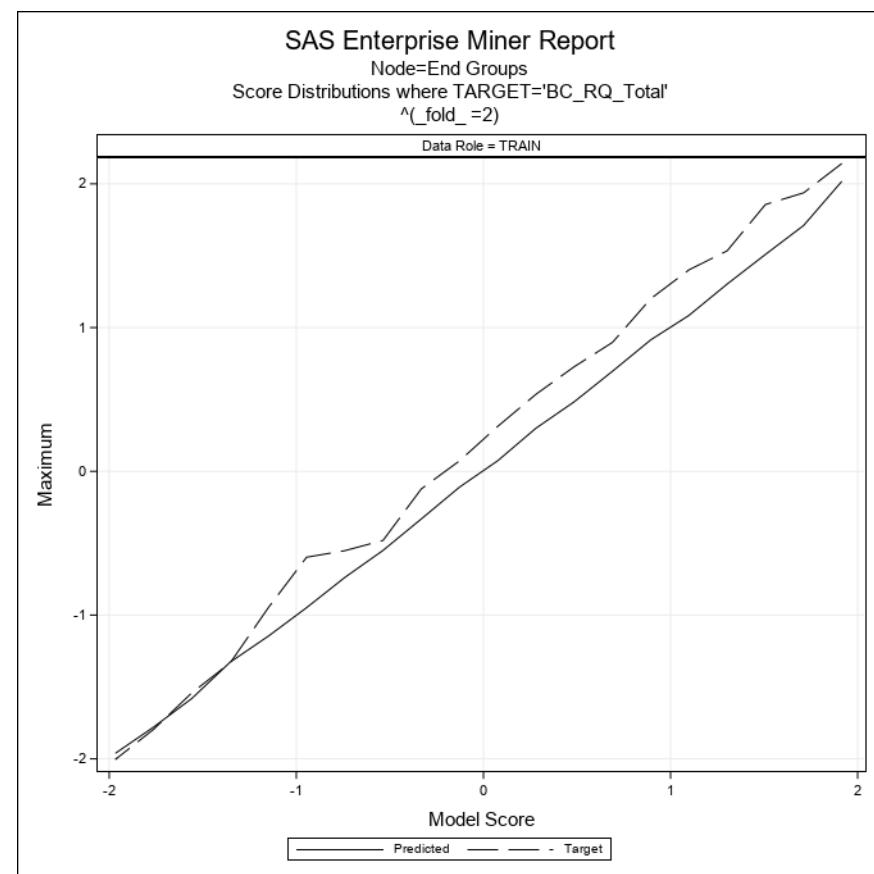
Node=End Groups Variable Summary

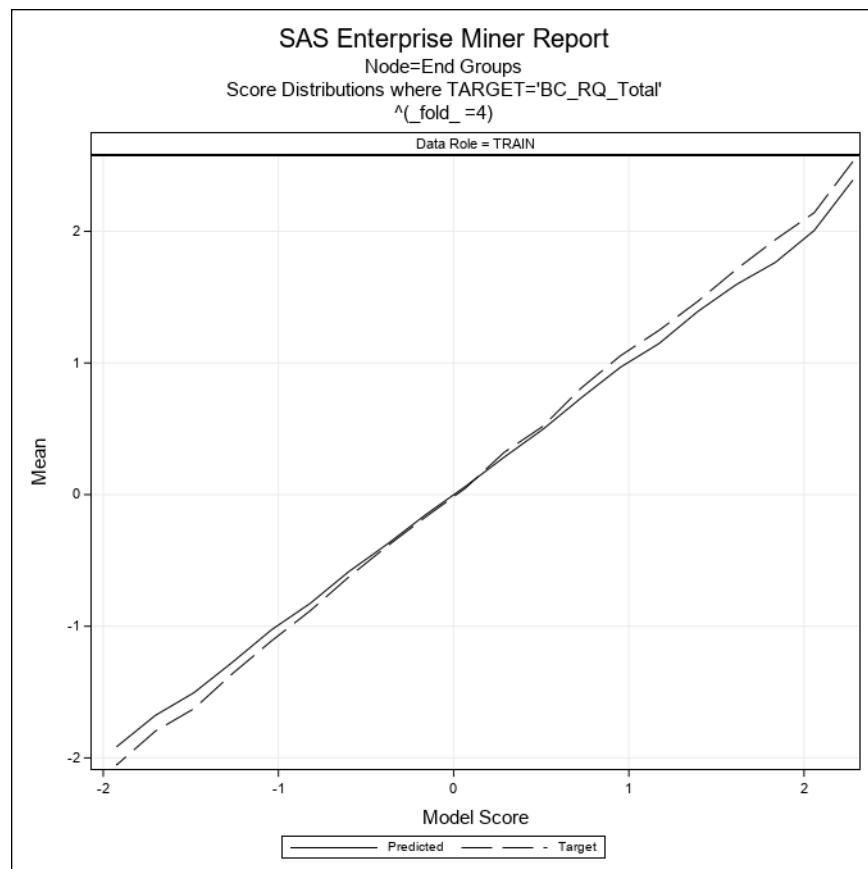
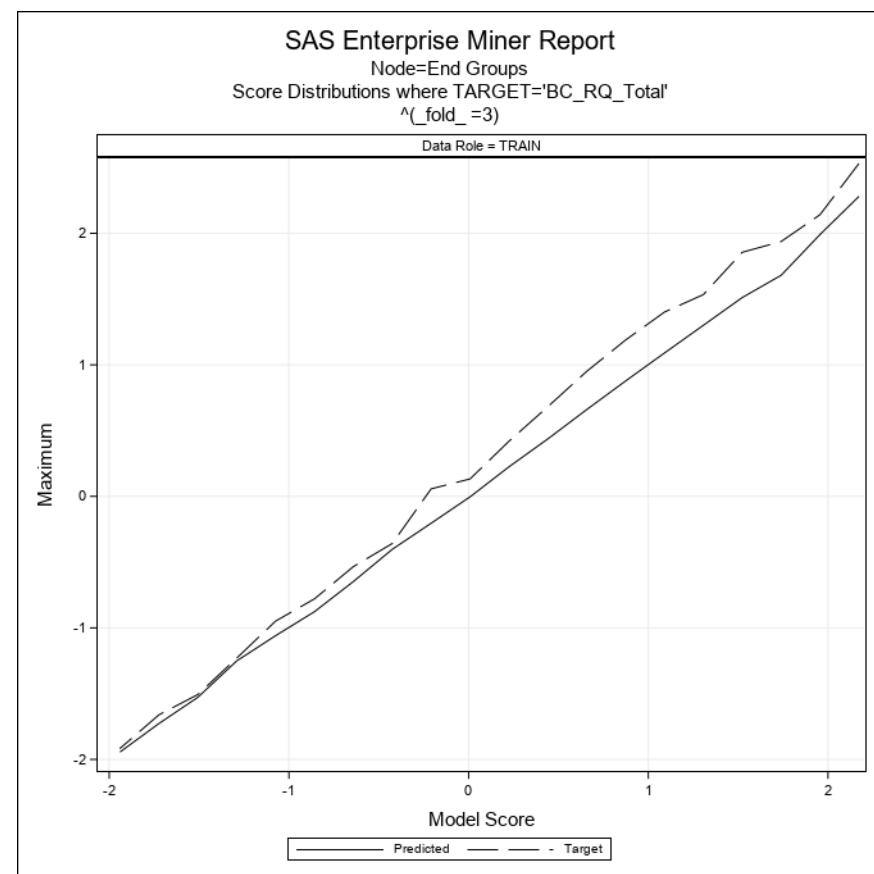
Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAtot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

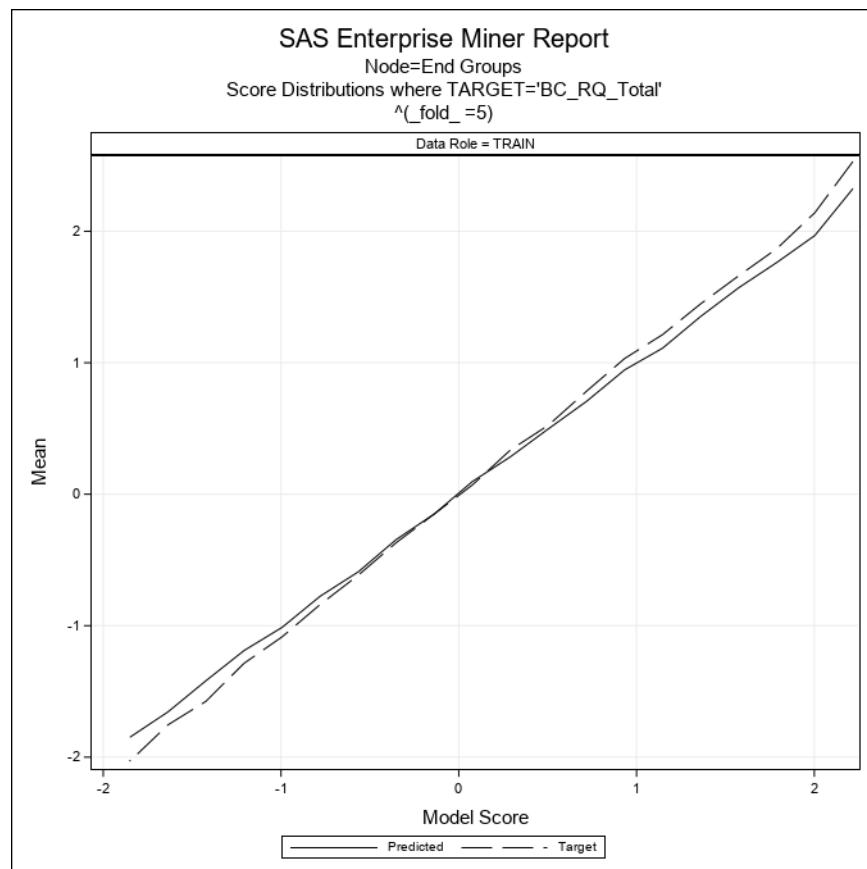
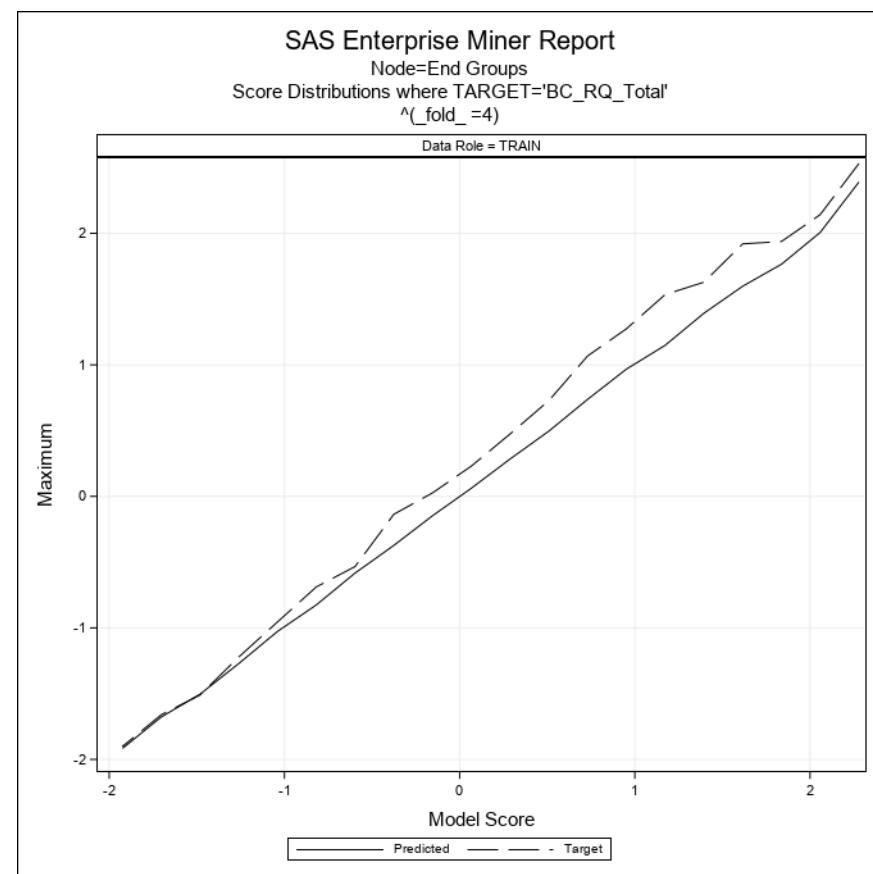
Group Index	Group	ModelId	Train: Target Variable	Train:		Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Total Degrees of Freedom		Target Label
				Sum of Case Frequencies	Times Freq							Average Squared Error	Degrees of Freedom	
1	^(fold_=1)	Boost6	BC_RQ_Total	346	346	0.36927	4.2918	0.01240	0.11137	346	346	ReQuest (total score) (Box-Cox transformed)		
2	^(fold_=2)	Boost6	BC_RQ_Total	343	343	0.42648	3.6721	0.01071	0.10347	343	343	ReQuest (total score) (Box-Cox transformed)		
3	^(fold_=3)	Boost6	BC_RQ_Total	344	344	0.32966	3.5985	0.01046	0.10228	344	344	ReQuest (total score) (Box-Cox transformed)		
4	^(fold_=4)	Boost6	BC_RQ_Total	348	348	0.32990	3.5410	0.01018	0.10087	348	348	ReQuest (total score) (Box-Cox transformed)		
5	^(fold_=5)	Boost6	BC_RQ_Total	338	338	0.33957	3.6555	0.01081	0.10400	338	338	ReQuest (total score) (Box-Cox transformed)		
6	^(fold_=6)	Boost6	BC_RQ_Total	340	340	0.28744	3.4023	0.01001	0.10003	340	340	ReQuest (total score) (Box-Cox transformed)		
7	^(fold_=7)	Boost6	BC_RQ_Total	344	344	0.41820	4.0848	0.01187	0.10897	344	344	ReQuest (total score) (Box-Cox transformed)		
8	^(fold_=8)	Boost6	BC_RQ_Total	342	342	0.32578	3.5089	0.01026	0.10129	342	342	ReQuest (total score) (Box-Cox transformed)		
9	_OVERALL_		BC_RQ_Total	393	.	2.43208	55.7973	0.14198	0.37680	393	.	ReQuest (total score) (Box-Cox transformed)		

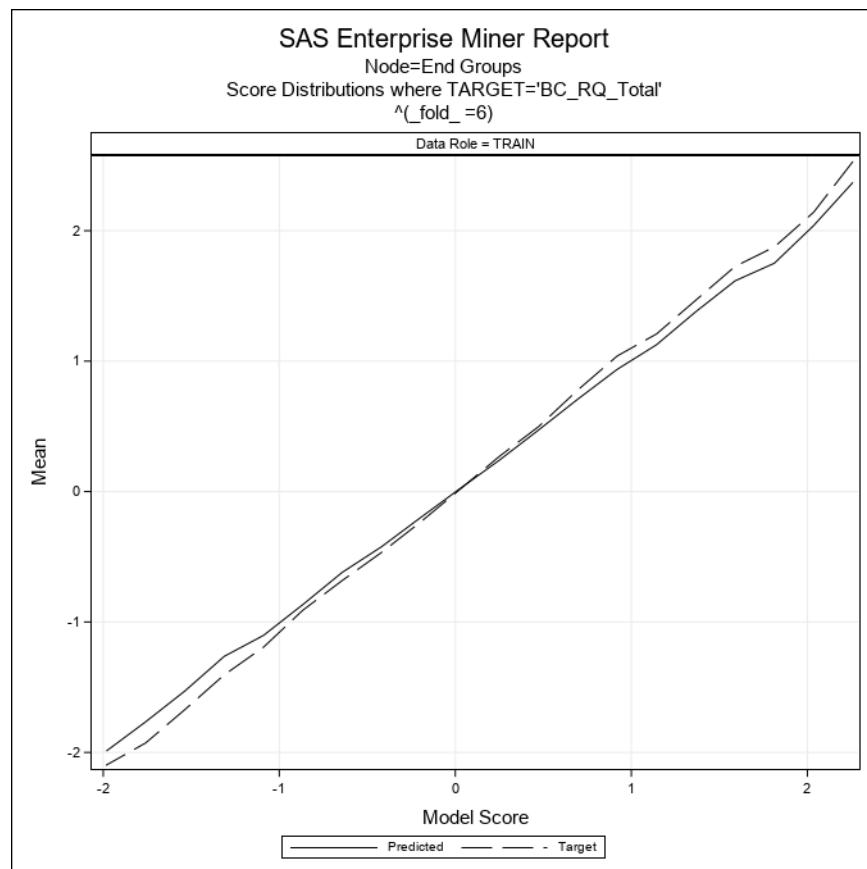
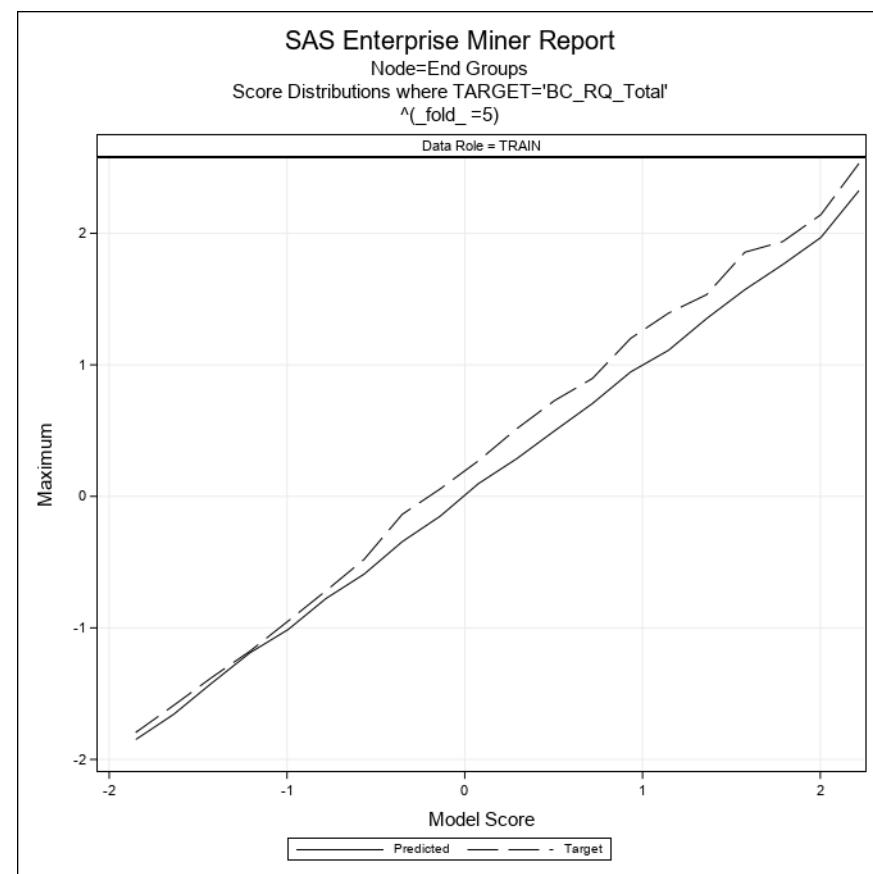


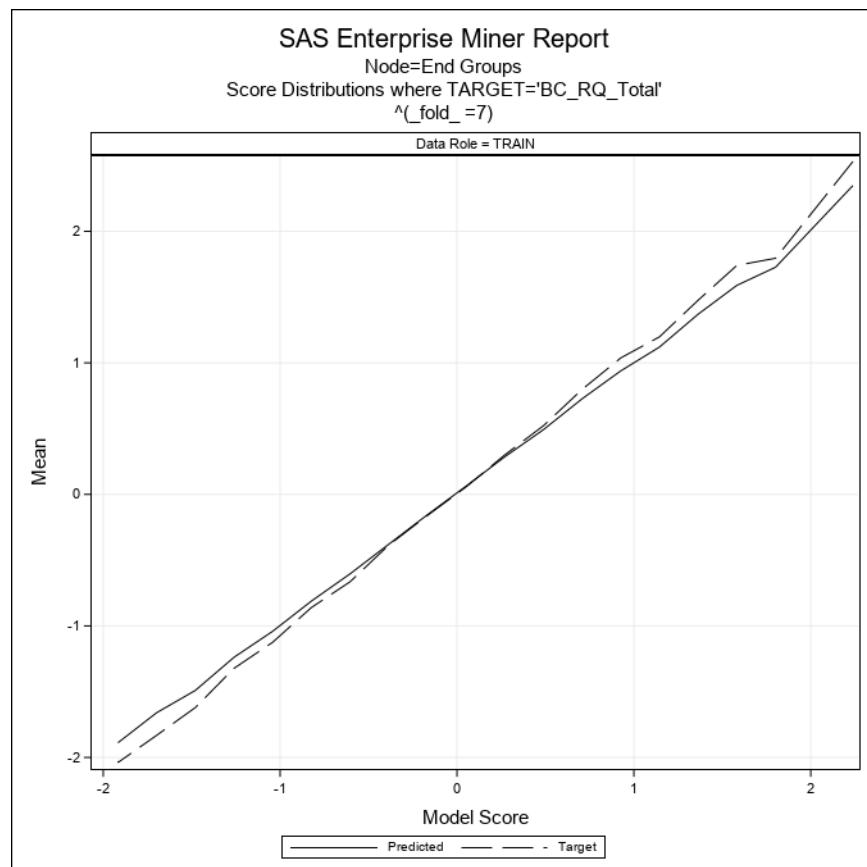
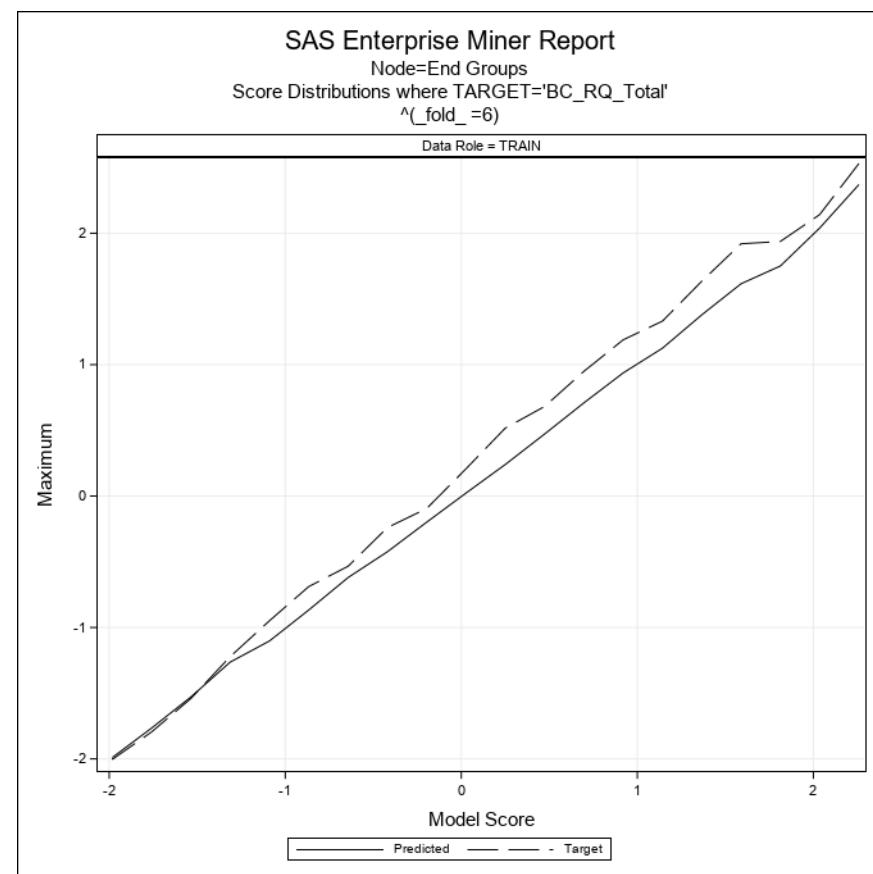


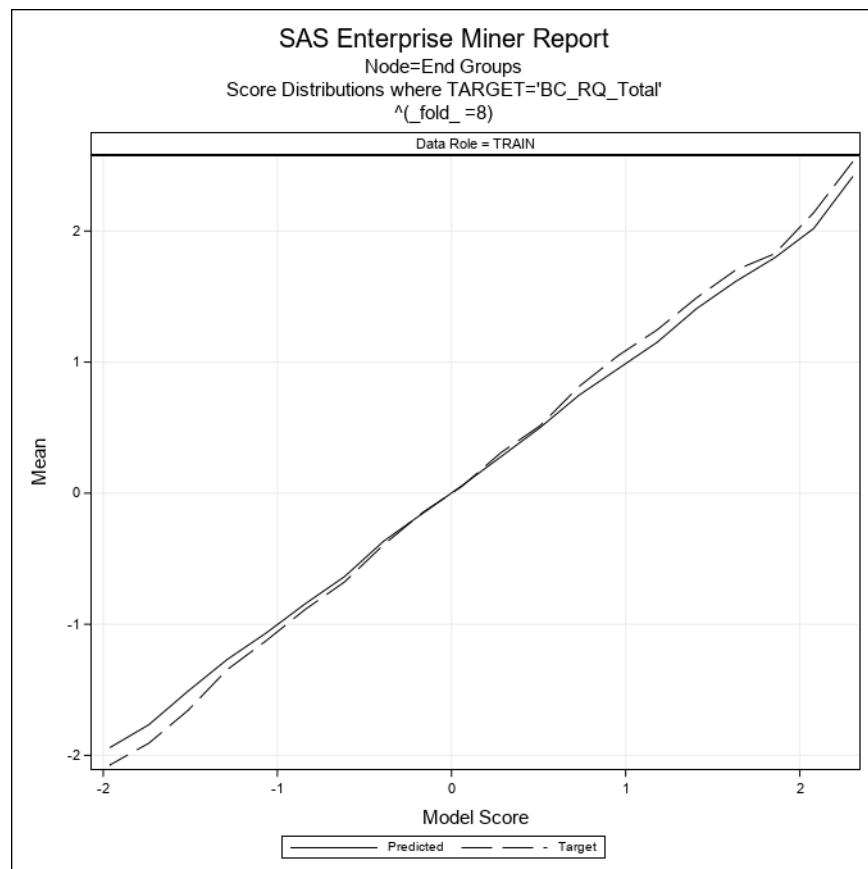
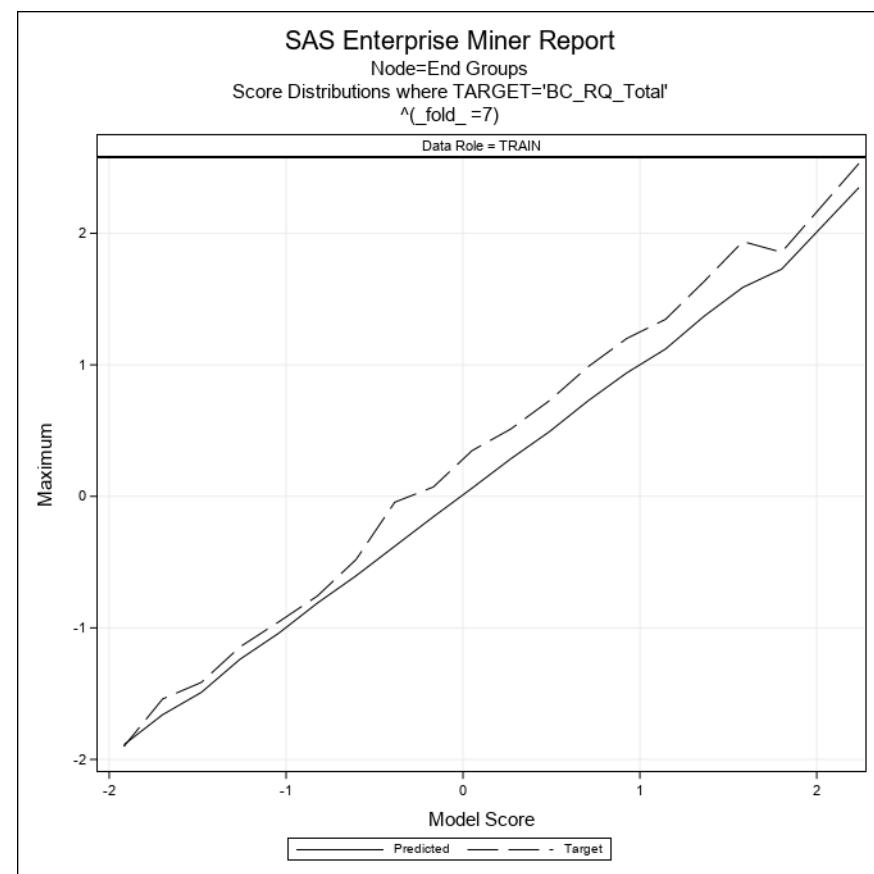


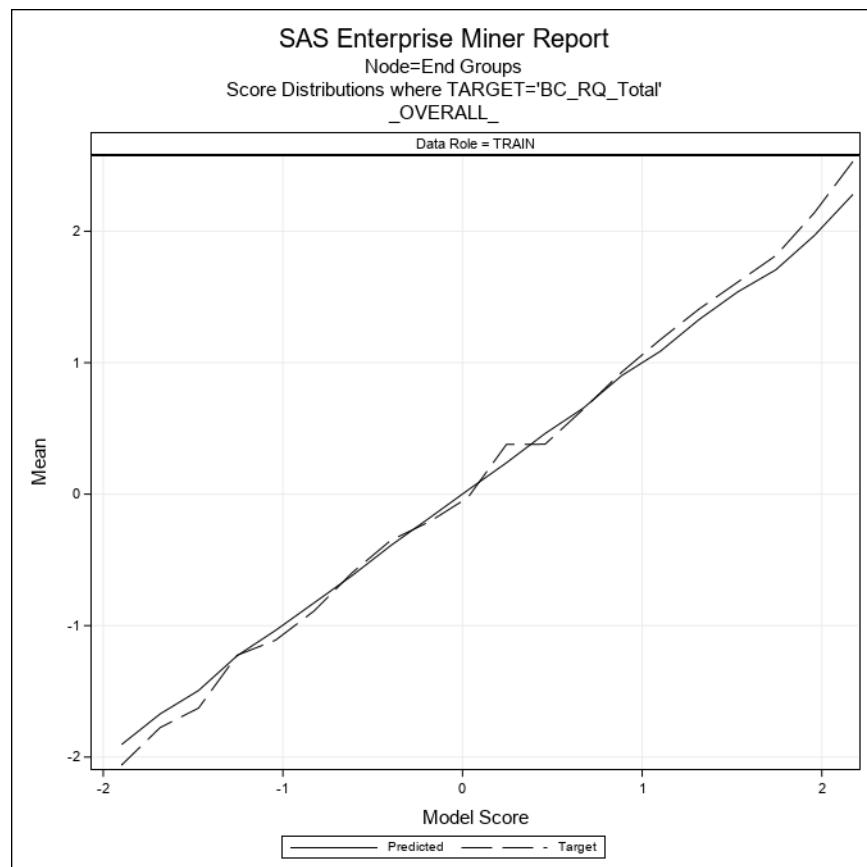
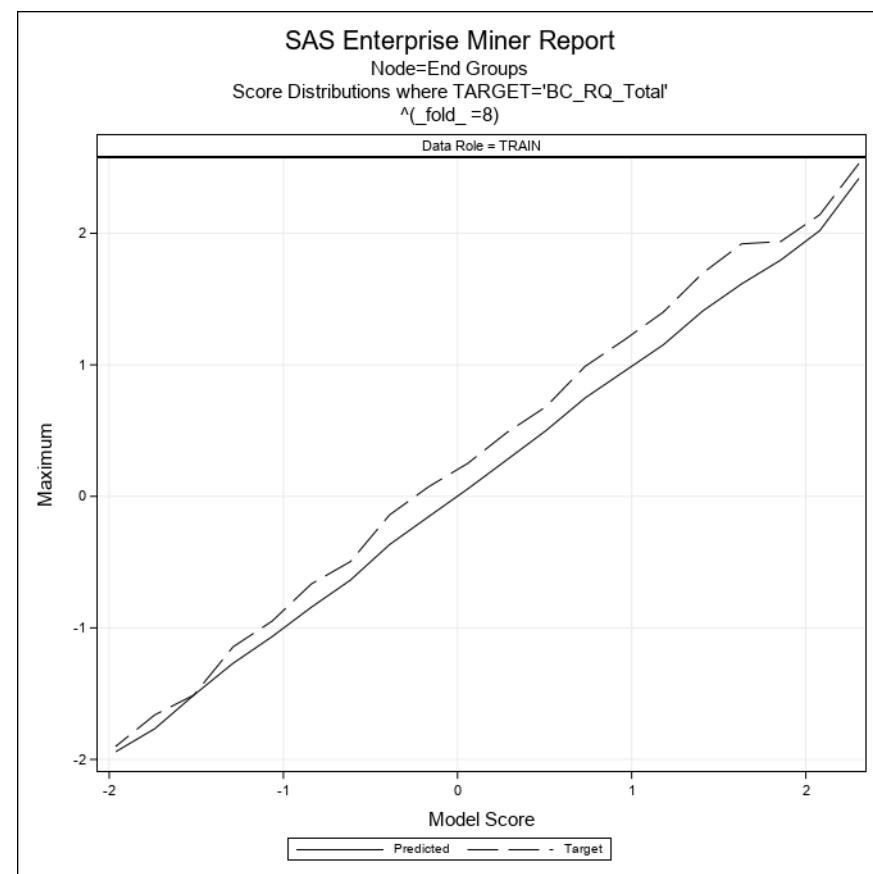


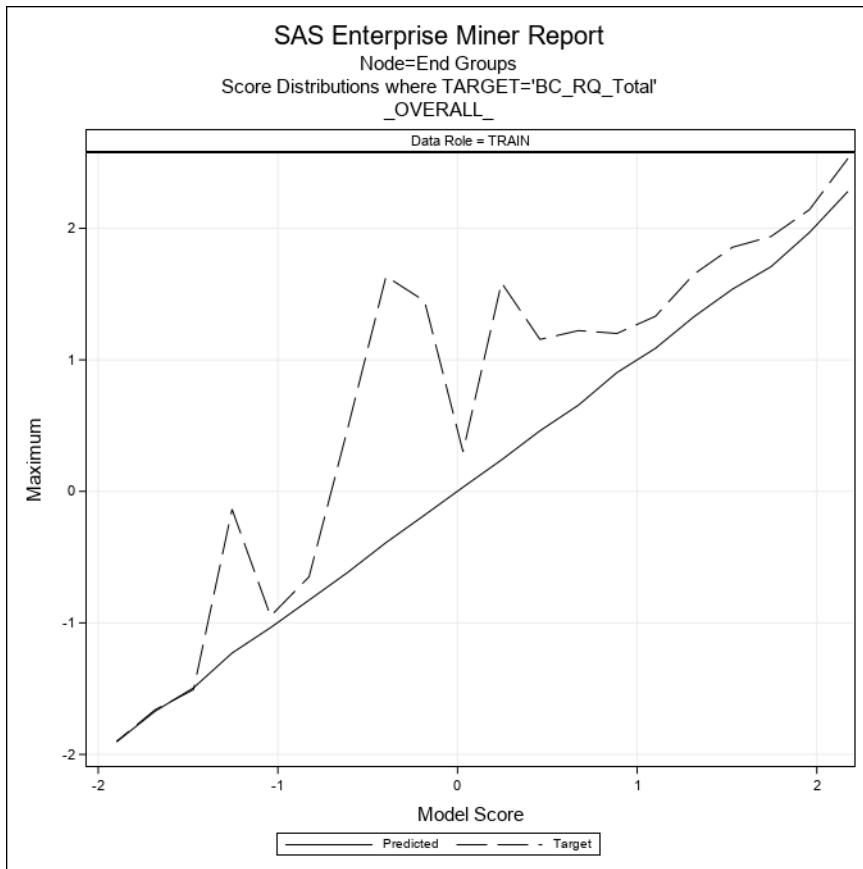












Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.094 - 2.309	2.30892	2.30892	2.30892	2.53080	2.53080	2.53080
1.879 - 2.094	1.99856	1.99856	1.99856	2.14157	2.14157	2.14157
1.664 - 1.879	1.75332	1.81835	1.70556	1.82934	1.93737	1.71506
1.449 - 1.664	1.52594	1.61743	1.46809	1.61868	1.85573	1.44435
1.234 - 1.449	1.34321	1.43748	1.26725	1.43051	1.63467	1.27273
1.019 - 1.234	1.10927	1.22847	1.02205	1.19347	1.33889	0.98677
0.804 - 1.019	0.92293	1.01383	0.80684	0.99525	1.18876	0.78645
0.589 - 0.804	0.67503	0.76874	0.59207	0.74773	0.98831	0.58742
0.373 - 0.589	0.46756	0.57985	0.37955	0.50067	0.70185	0.33679
0.158 - 0.373	0.27142	0.37291	0.16653	0.30173	0.51716	0.07866
-0.057 - 0.158	0.05062	0.14677	-0.05183	0.03345	0.20746	-0.10239
-0.272 - -0.057	-0.16371	-0.08036	-0.27088	-0.17287	0.15058	-0.43311
-0.487 - -0.272	-0.34130	-0.27613	-0.44671	-0.35568	-0.14129	-0.48044
-0.702 - -0.487	-0.58145	-0.48738	-0.69472	-0.61689	-0.49605	-0.77132
-0.917 - -0.702	-0.81959	-0.71186	-0.91623	-0.88621	-0.66643	-1.22281
-1.132 - -0.917	-1.02452	-0.92580	-1.12138	-1.12030	-0.96273	-1.33329
-1.347 - -1.132	-1.22386	-1.14866	-1.34633	-1.33836	-1.17661	-1.60552
-1.562 - -1.347	-1.46202	-1.36115	-1.55586	-1.60017	-1.41445	-1.75125
-1.777 - -1.562	-1.66748	-1.56849	-1.74699	-1.80649	-1.65597	-2.03918
-1.992 - -1.777	-1.85747	-1.78016	-1.99207	-2.05599	-1.90123	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.813 - 2.018	2.01771	2.01771	2.01771	2.14157	2.14157	2.14157
1.609 - 1.813	1.71027	1.80505	1.61937	1.82967	1.93737	1.71506
1.405 - 1.609	1.50860	1.59774	1.41898	1.59003	1.85573	1.28937
1.200 - 1.405	1.30272	1.39298	1.21551	1.35003	1.53402	1.22217
0.996 - 1.200	1.08456	1.19581	1.00138	1.17256	1.40120	1.01263
0.792 - 0.996	0.91425	0.99012	0.81514	1.00826	1.20060	0.78645
0.587 - 0.792	0.69605	0.78058	0.59064	0.72991	0.89675	0.51716
0.383 - 0.587	0.48382	0.58186	0.39133	0.51256	0.72777	0.31162
0.179 - 0.383	0.30009	0.38097	0.18227	0.33828	0.53607	0.07866
-0.026 - 0.179	0.07397	0.17653	-0.02045	0.06375	0.31280	-0.33564
-0.230 - -0.026	-0.10993	-0.02727	-0.22410	-0.11793	0.07301	-0.24082
-0.434 - -0.230	-0.33130	-0.23019	-0.42191	-0.36160	-0.12240	-0.61792
-0.639 - -0.434	-0.54997	-0.46150	-0.63475	-0.62979	-0.48044	-0.87824
-0.843 - -0.639	-0.73815	-0.63978	-0.83220	-0.80088	-0.55186	-1.12700
-1.047 - -0.843	-0.94839	-0.84548	-1.02551	-0.99335	-0.59748	-1.23865
-1.252 - -1.047	-1.14659	-1.05469	-1.24012	-1.21430	-0.94838	-1.44120
-1.456 - -1.252	-1.32758	-1.26372	-1.43162	-1.44996	-1.33329	-1.54517
-1.660 - -1.456	-1.57999	-1.49739	-1.66016	-1.70018	-1.54033	-1.98839
-1.865 - -1.660	-1.77878	-1.69355	-1.84107	-1.93013	-1.79468	-2.12003
-2.069 - -1.865	-1.96144	-1.91150	-2.06915	-2.09596	-2.00400	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.064 - 2.280	2.28037	2.28037	2.28037	2.53080	2.53080	2.53080
1.848 - 2.064	1.99103	1.99103	1.99103	2.14157	2.14157	2.14157
1.631 - 1.848	1.68074	1.76767	1.63553	1.78916	1.93737	1.67589
1.415 - 1.631	1.51169	1.62996	1.42123	1.62205	1.85573	1.44435
1.198 - 1.415	1.30066	1.39662	1.22805	1.38400	1.53402	1.26278
0.982 - 1.198	1.09011	1.18663	1.01311	1.16916	1.40120	0.98677
0.765 - 0.982	0.87727	0.97346	0.77939	0.95113	1.18876	0.78030
0.549 - 0.765	0.65973	0.75994	0.55001	0.69081	0.95030	0.44077
0.333 - 0.549	0.43673	0.54386	0.33444	0.46183	0.68168	0.29246
0.116 - 0.333	0.22442	0.31712	0.11655	0.24972	0.41900	0.03446
-0.100 - 0.116	-0.00376	0.11370	-0.09607	-0.03226	0.13236	-0.21681
-0.317 - -0.100	-0.20429	-0.10280	-0.29973	-0.21754	0.05719	-0.38404
-0.533 - -0.317	-0.40269	-0.31838	-0.50618	-0.42300	-0.35853	-0.54080
-0.749 - -0.533	-0.64764	-0.53989	-0.74473	-0.68934	-0.53404	-0.91229
-0.966 - -0.749	-0.87684	-0.76646	-0.96178	-0.96278	-0.77931	-1.22281
-1.182 - -0.966	-1.05910	-0.97918	-1.15248	-1.15086	-0.94838	-1.33329
-1.399 - -1.182	-1.25125	-1.18420	-1.32925	-1.39358	-1.22968	-1.54517
-1.615 - -1.399	-1.52801	-1.41959	-1.61236	-1.63627	-1.50677	-1.75125
-1.832 - -1.615	-1.72721	-1.63813	-1.83010	-1.83512	-1.66099	-2.03918
-2.048 - -1.832	-1.94360	-1.84294	-2.04796	-2.07867	-1.91626	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.168 - 2.390	2.38967	2.38967	2.38967	2.53080	2.53080	2.53080
1.947 - 2.168	2.00647	2.00647	2.00647	2.14157	2.14157	2.14157
1.726 - 1.947	1.76453	1.76453	1.76453	1.93737	1.93737	1.93737
1.505 - 1.726	1.59745	1.68027	1.53723	1.71337	1.91976	1.49995
1.284 - 1.505	1.39211	1.48637	1.30849	1.46884	1.62835	1.35740
1.062 - 1.284	1.14832	1.28017	1.06295	1.24886	1.53402	1.08830
0.841 - 1.062	0.96725	1.04775	0.84223	1.05453	1.27377	0.78645
0.620 - 0.841	0.73756	0.82014	0.62168	0.81228	1.06762	0.58260
0.399 - 0.620	0.49602	0.59072	0.39943	0.51871	0.72777	0.32170
0.177 - 0.399	0.28414	0.39225	0.17910	0.32091	0.47450	0.07866
-0.044 - 0.177	0.06178	0.14702	-0.04223	0.04826	0.22991	-0.10908
-0.265 - -0.044	-0.14719	-0.05600	-0.26493	-0.16407	0.02676	-0.43311
-0.486 - -0.265	-0.37291	-0.27765	-0.46121	-0.38785	-0.13661	-0.61466
-0.707 - -0.486	-0.58330	-0.49279	-0.68376	-0.62397	-0.53404	-0.74820
-0.929 - -0.707	-0.82544	-0.71135	-0.92841	-0.88161	-0.68844	-1.11799
-1.150 - -0.929	-1.02665	-0.94915	-1.14775	-1.11117	-0.95440	-1.24107
-1.371 - -1.150	-1.27103	-1.17243	-1.35295	-1.35765	-1.22141	-1.50677
-1.592 - -1.371	-1.50403	-1.38449	-1.55540	-1.62578	-1.51040	-1.75125
-1.814 - -1.592	-1.67758	-1.60662	-1.79736	-1.79733	-1.66047	-2.03918
-2.035 - -1.814	-1.91611	-1.82255	-2.03476	-2.05460	-1.90123	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.110 - 2.324	2.32430	2.32430	2.32430	2.53080	2.53080	2.53080
1.896 - 2.110	1.96820	1.96820	1.96820	2.14157	2.14157	2.14157
1.682 - 1.896	1.76260	1.80588	1.69272	1.86787	1.93737	1.74649
1.468 - 1.682	1.57083	1.65841	1.48103	1.66192	1.85573	1.51134
1.254 - 1.468	1.35231	1.43223	1.25775	1.44839	1.53402	1.39090
1.040 - 1.254	1.11118	1.22627	1.04003	1.21445	1.39377	1.08076
0.826 - 1.040	0.94558	1.03748	0.83496	1.03204	1.20060	0.83823
0.612 - 0.826	0.70632	0.76525	0.62800	0.78335	0.89675	0.58742
0.398 - 0.612	0.49770	0.60018	0.40241	0.52552	0.72777	0.33679
0.184 - 0.398	0.28475	0.39003	0.18756	0.33653	0.51216	0.16629
-0.031 - 0.184	0.09644	0.17937	-0.02893	0.07026	0.26980	-0.12851
-0.245 - -0.031	-0.15005	-0.05189	-0.23930	-0.15010	0.05719	-0.36769
-0.459 - -0.245	-0.34431	-0.24605	-0.45308	-0.36837	-0.13661	-0.61792
-0.673 - -0.459	-0.59090	-0.47164	-0.67191	-0.61663	-0.47835	-0.84384
-0.887 - -0.673	-0.77584	-0.68262	-0.87787	-0.83893	-0.71719	-0.95512
-1.101 - -0.887	-1.01281	-0.91537	-1.09625	-1.08476	-0.94838	-1.22968
-1.315 - -1.101	-1.18916	-1.11608	-1.28117	-1.28618	-1.17661	-1.44120
-1.529 - -1.315	-1.41839	-1.31698	-1.50788	-1.57482	-1.37563	-1.71630
-1.743 - -1.529	-1.65588	-1.56865	-1.73025	-1.75446	-1.58791	-1.91626
-1.957 - -1.743	-1.84860	-1.76396	-1.95722	-2.03097	-1.79468	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.147 - 2.370	2.37048	2.37048	2.37048	2.53080	2.53080	2.53080
1.924 - 2.147	2.03935	2.03935	2.03935	2.14157	2.14157	2.14157
1.701 - 1.924	1.75064	1.75064	1.75063	1.87537	1.93737	1.81338
1.478 - 1.701	1.61554	1.69116	1.54430	1.72601	1.91976	1.62035
1.254 - 1.478	1.37878	1.47085	1.25836	1.46710	1.63467	1.33889
1.031 - 1.254	1.12533	1.23232	1.03290	1.20826	1.33127	1.08830
0.808 - 1.031	0.93692	1.01670	0.80823	1.03919	1.18876	0.83823
0.585 - 0.808	0.70906	0.79848	0.59997	0.77944	0.94902	0.58917
0.362 - 0.585	0.47204	0.58143	0.36287	0.49808	0.68168	0.33679
0.138 - 0.362	0.24021	0.35142	0.14589	0.26938	0.51716	0.09819
-0.085 - 0.138	0.02277	0.12914	-0.08058	0.01731	0.20746	-0.12851
-0.308 - -0.085	-0.19865	-0.08823	-0.30754	-0.23289	-0.09493	-0.43311
-0.531 - -0.308	-0.42361	-0.31408	-0.52737	-0.46726	-0.23974	-0.65958
-0.755 - -0.531	-0.61988	-0.53730	-0.72573	-0.68259	-0.53404	-0.87824
-0.978 - -0.755	-0.86654	-0.75707	-0.97465	-0.90969	-0.68844	-1.11799
-1.201 - -0.978	-1.10247	-0.98359	-1.19399	-1.19296	-0.94838	-1.44120
-1.424 - -1.201	-1.26338	-1.20106	-1.40189	-1.40515	-1.22141	-1.61674
-1.647 - -1.424	-1.52846	-1.42928	-1.61092	-1.67097	-1.54033	-1.77371
-1.871 - -1.647	-1.76521	-1.67013	-1.83135	-1.92731	-1.79468	-2.03918
-2.094 - -1.871	-1.98939	-1.87357	-2.09383	-2.09695	-2.00400	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.129 - 2.348	2.34789	2.34789	2.34789	2.53080	2.53080	2.53080
1.692 - 1.910	1.72695	1.75398	1.70733	1.79509	1.85573	1.71614
1.473 - 1.692	1.58905	1.67497	1.51785	1.74076	1.93737	1.58573
1.254 - 1.473	1.37029	1.46408	1.26006	1.47656	1.63467	1.33889
1.036 - 1.254	1.12028	1.25008	1.05333	1.19778	1.34601	1.01814
0.817 - 1.036	0.93922	1.02006	0.81988	1.03759	1.20060	0.82183
0.598 - 0.817	0.72683	0.81639	0.61002	0.79825	0.98595	0.58742
0.380 - 0.598	0.49219	0.59621	0.38354	0.52190	0.72777	0.35694
0.161 - 0.380	0.28555	0.37943	0.16342	0.30038	0.51216	0.07866
-0.058 - 0.161	0.06266	0.15504	-0.05184	0.05676	0.34779	-0.09671
-0.276 - -0.058	-0.15500	-0.06588	-0.26648	-0.16045	0.07159	-0.36578
-0.495 - -0.276	-0.37924	-0.28246	-0.48558	-0.38606	-0.04480	-0.65958
-0.714 - -0.495	-0.60422	-0.51333	-0.71325	-0.66459	-0.48044	-0.88221
-0.933 - -0.714	-0.81140	-0.71519	-0.93045	-0.86039	-0.75757	-1.00612
-1.151 - -0.933	-1.04070	-0.94386	-1.15092	-1.12415	-0.95440	-1.33329
-1.370 - -1.151	-1.23856	-1.15351	-1.31916	-1.32264	-1.14449	-1.51040
-1.589 - -1.370	-1.49049	-1.40169	-1.58720	-1.62075	-1.41445	-1.75125
-1.807 - -1.589	-1.65994	-1.60042	-1.73017	-1.83186	-1.54033	-2.14837
-2.026 - -1.807	-1.88817	-1.82348	-2.02609	-2.03861	-1.90123	-2.12353

Node=End Groups Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.193 - 2.417	2.41734	2.41734	2.41734	2.53080	2.53080	2.53080
1.968 - 2.193	2.02059	2.02059	2.02059	2.14157	2.14157	2.14157
1.743 - 1.968	1.79619	1.81914	1.77324	1.82676	1.93737	1.71614
1.519 - 1.743	1.61498	1.72938	1.51919	1.70213	1.91976	1.48934
1.294 - 1.519	1.40762	1.51811	1.33326	1.49014	1.69572	1.35740
1.070 - 1.294	1.15253	1.27454	1.07176	1.24731	1.40120	1.10521
0.845 - 1.070	0.95028	1.05213	0.85387	1.05007	1.18876	0.85413
0.620 - 0.845	0.74821	0.82749	0.64155	0.81451	0.98831	0.60913
0.396 - 0.620	0.49994	0.59759	0.41351	0.51456	0.68168	0.32797
0.171 - 0.396	0.27791	0.38522	0.19592	0.30894	0.48519	-0.07650
-0.054 - 0.171	0.05668	0.15620	-0.04832	0.05097	0.25085	-0.09671
-0.278 - -0.054	-0.15425	-0.05451	-0.26864	-0.14707	0.07301	-0.29960
-0.503 - -0.278	-0.36683	-0.28639	-0.49543	-0.39434	-0.14129	-0.57888
-0.727 - -0.503	-0.63694	-0.51168	-0.72683	-0.67793	-0.49605	-0.87824
-0.952 - -0.727	-0.84319	-0.74907	-0.91938	-0.88615	-0.66623	-1.11233
-1.177 - -0.952	-1.06633	-0.95909	-1.16199	-1.12535	-0.94838	-1.24019
-1.401 - -1.177	-1.26923	-1.17819	-1.38908	-1.34700	-1.14449	-1.50677
-1.626 - -1.401	-1.51061	-1.41206	-1.62130	-1.65739	-1.51040	-1.75125
-1.850 - -1.626	-1.76632	-1.67512	-1.83122	-1.90720	-1.66099	-2.12003
-2.075 - -1.850	-1.94173	-1.85337	-2.07512	-2.07423	-1.90123	-2.14837

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.066 - 2.280	2.28037	2.28037	2.28037	2.53080	2.53080	2.53080
1.852 - 2.066	1.96820	1.96820	1.96820	2.14157	2.14157	2.14157
1.638 - 1.852	1.70765	1.76767	1.65485	1.81553	1.93737	1.71506
1.423 - 1.638	1.53738	1.61329	1.42958	1.61154	1.85573	1.44516
1.209 - 1.423	1.32778	1.42326	1.23944	1.40762	1.65154	1.04524
0.995 - 1.209	1.08768	1.19581	0.99889	1.17652	1.33127	1.01814
0.781 - 0.995	0.90334	0.99441	0.78265	0.93031	1.20060	-0.82199
0.566 - 0.781	0.65561	0.76734	0.56829	0.64734	1.22217	-1.18976
0.352 - 0.566	0.46073	0.55116	0.35550	0.37942	1.15495	-1.45147
0.138 - 0.352	0.23906	0.34317	0.13973	0.37899	1.58573	-0.56369
-0.077 - 0.138	0.03148	0.12501	-0.07583	-0.02514	0.30123	-0.53127
-0.291 - -0.077	-0.18065	-0.07841	-0.28246	-0.20947	1.44711	-2.03918
-0.505 - -0.291	-0.38957	-0.29367	-0.50243	-0.34989	1.63467	-1.65597
-0.719 - -0.505	-0.61702	-0.50732	-0.71479	-0.59466	0.47402	-0.87824
-0.934 - -0.719	-0.82706	-0.71980	-0.91663	-0.88881	-0.64981	-1.58791
-1.148 - -0.934	-1.03604	-0.93813	-1.14301	-1.11062	-0.94838	-1.24107
-1.362 - -1.148	-1.22941	-1.14866	-1.31569	-1.22588	-0.13661	-1.48341
-1.576 - -1.362	-1.49362	-1.38488	-1.56849	-1.62717	-1.50677	-1.77371
-1.791 - -1.576	-1.67202	-1.59993	-1.78016	-1.77595	-1.66099	-1.93471
-2.005 - -1.791	-1.90458	-1.81504	-2.00496	-2.06087	-1.90123	-2.14837

Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	357
2	^(fold_=2)	349
3	^(fold_=3)	339
4	^(fold_=4)	337
5	^(fold_=5)	339
6	^(fold_=6)	351
7	^(fold_=7)	340
8	^(fold_=8)	339

SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3 Summary

Node id = Boost5
 Node label = Gradient Boosting Tuned 3
 Meta path = Ids => Trans => Grp11 => Boost5
 Notes =

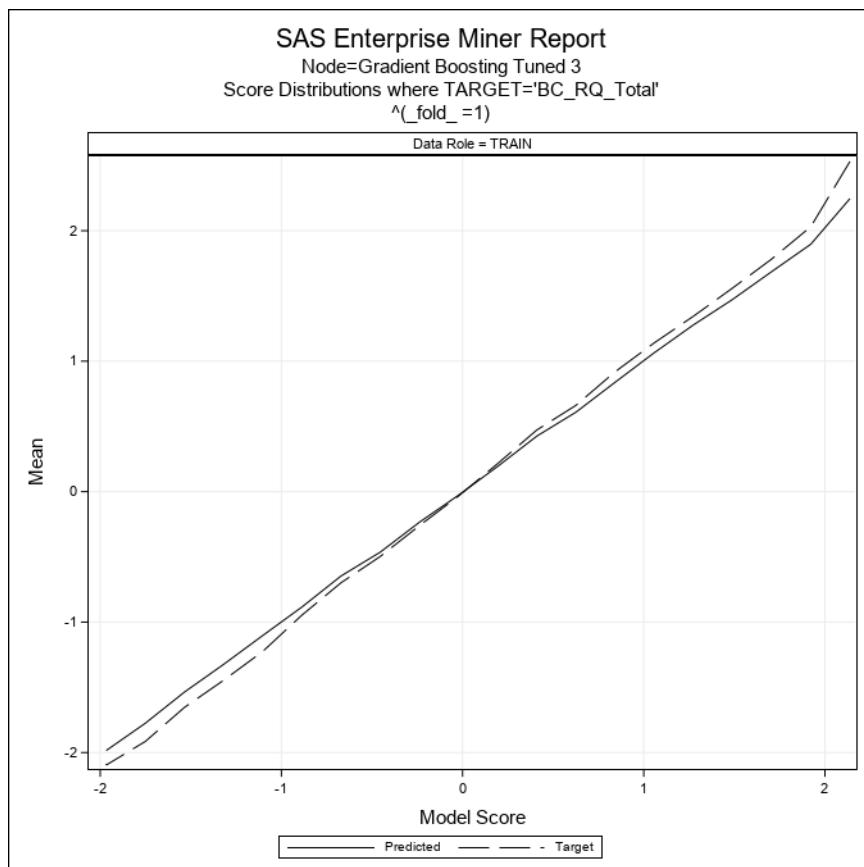
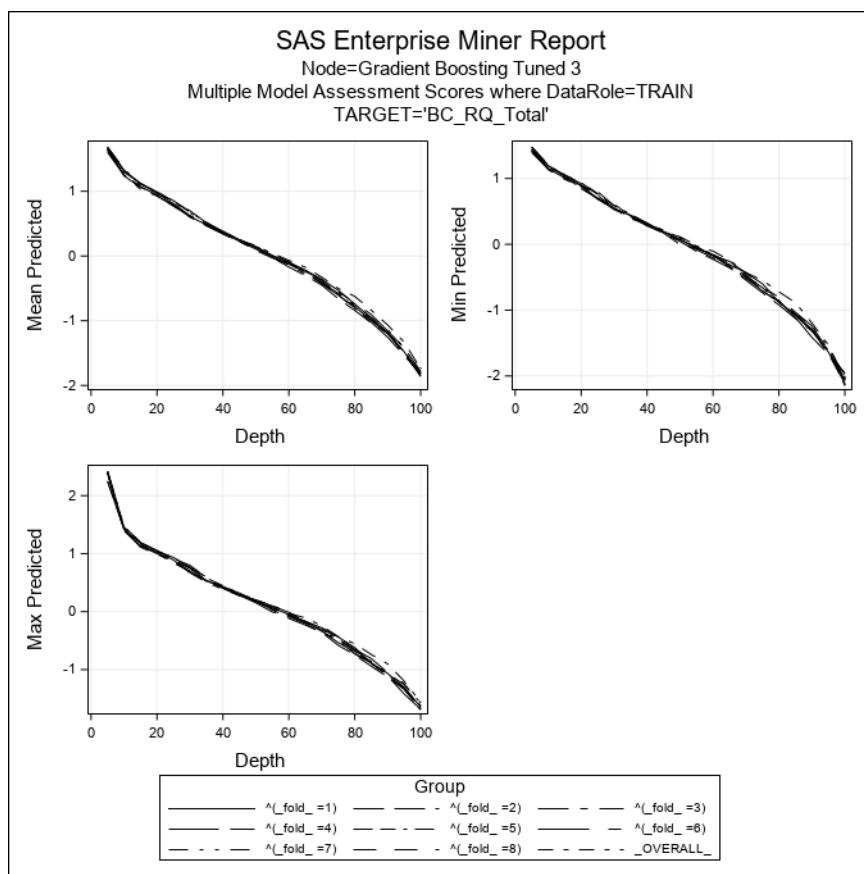
Node=Gradient Boosting Tuned 3 Properties

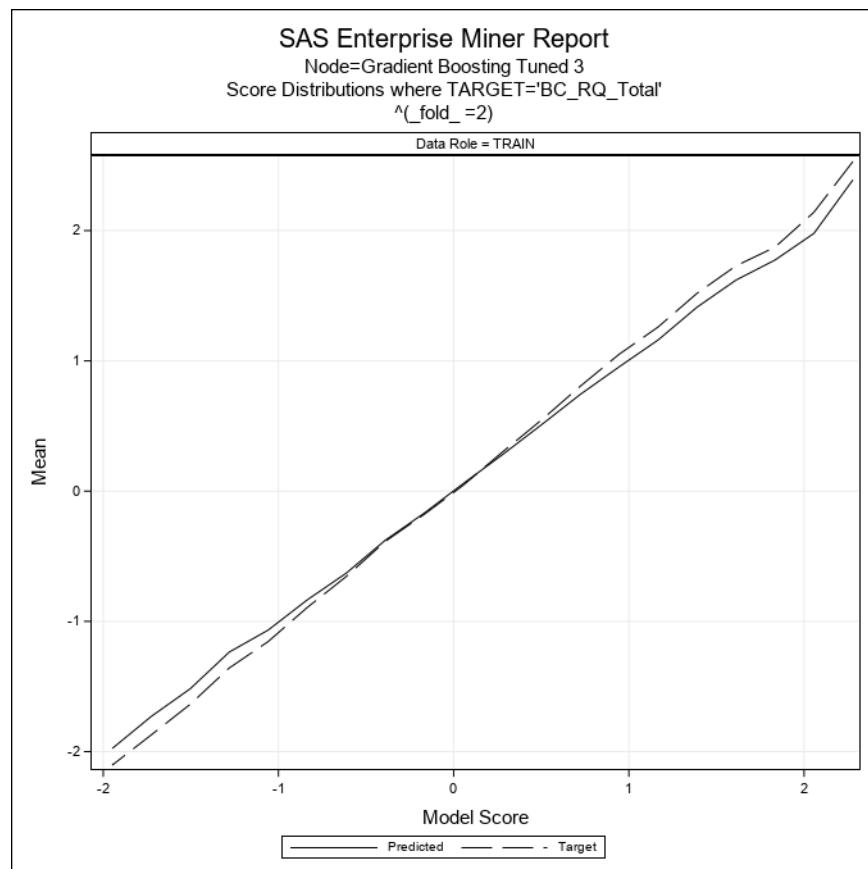
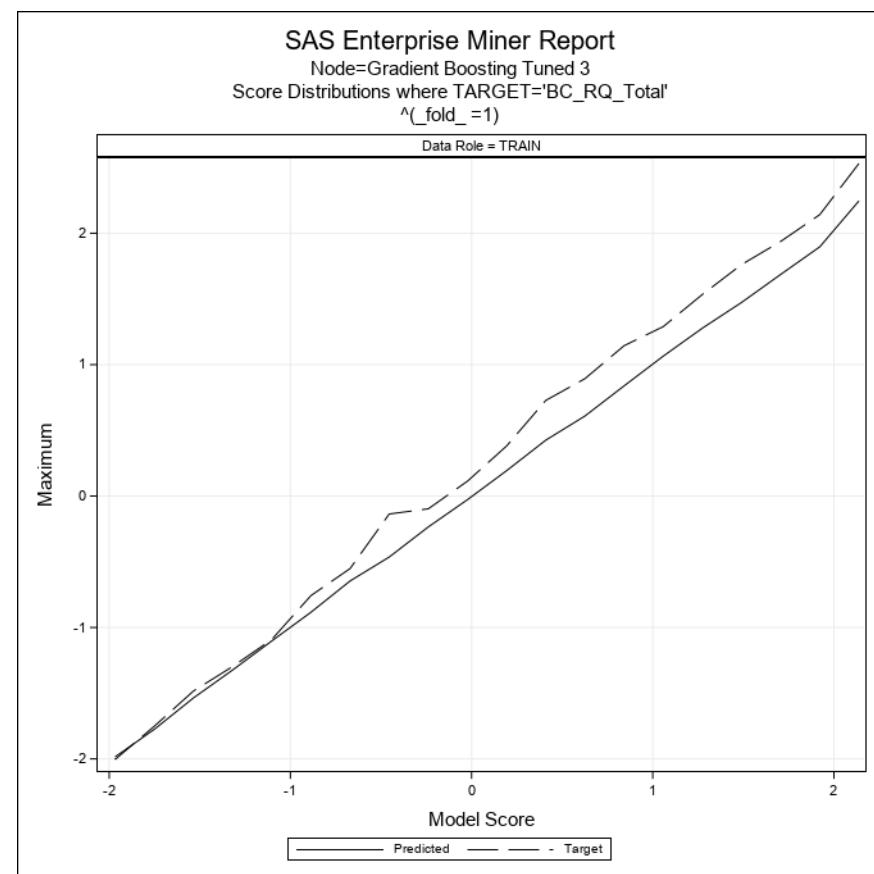
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	3	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	8	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	1	
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	0.1	
Huber	NO		NSurrs	0		SplitSize	.	
IntervalBins	100		NodeSize	20000		SubSeries	BEST	
IterationNum	1		NumPairImp	0		ToolType	MODEL	
Iterations	50		NumSingleImp	5		TrainProportion	60	
LeafFraction	0.001		ObsImportance	Y	N	VarSelection	N	Y

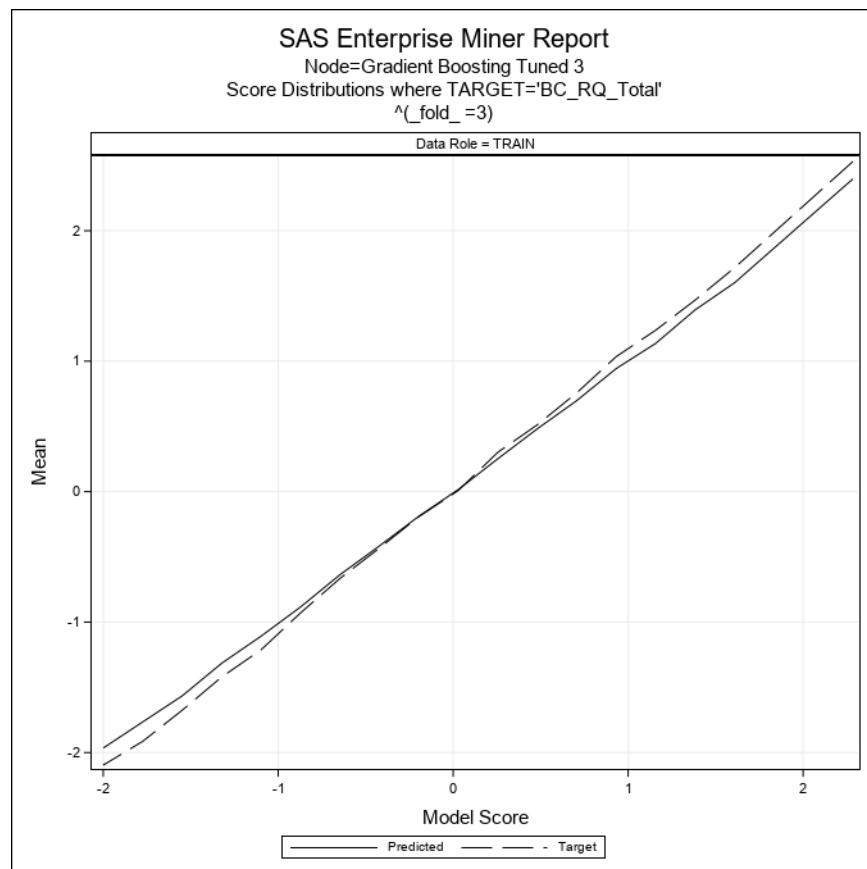
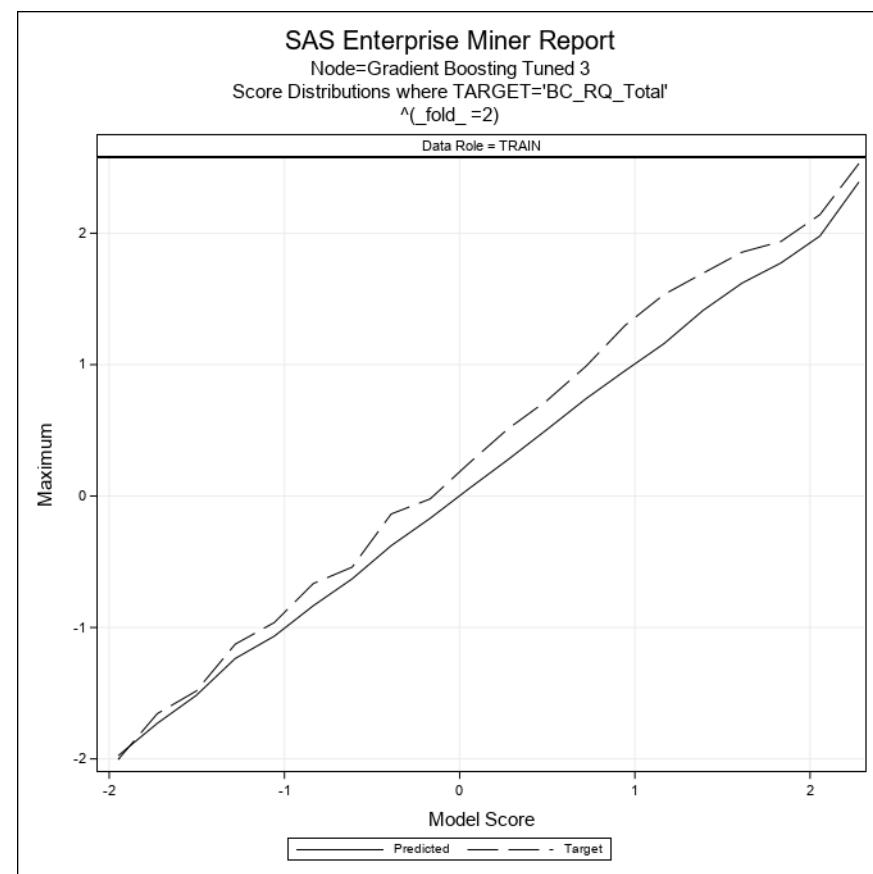
Node=Gradient Boosting Tuned 3 Variable Summary

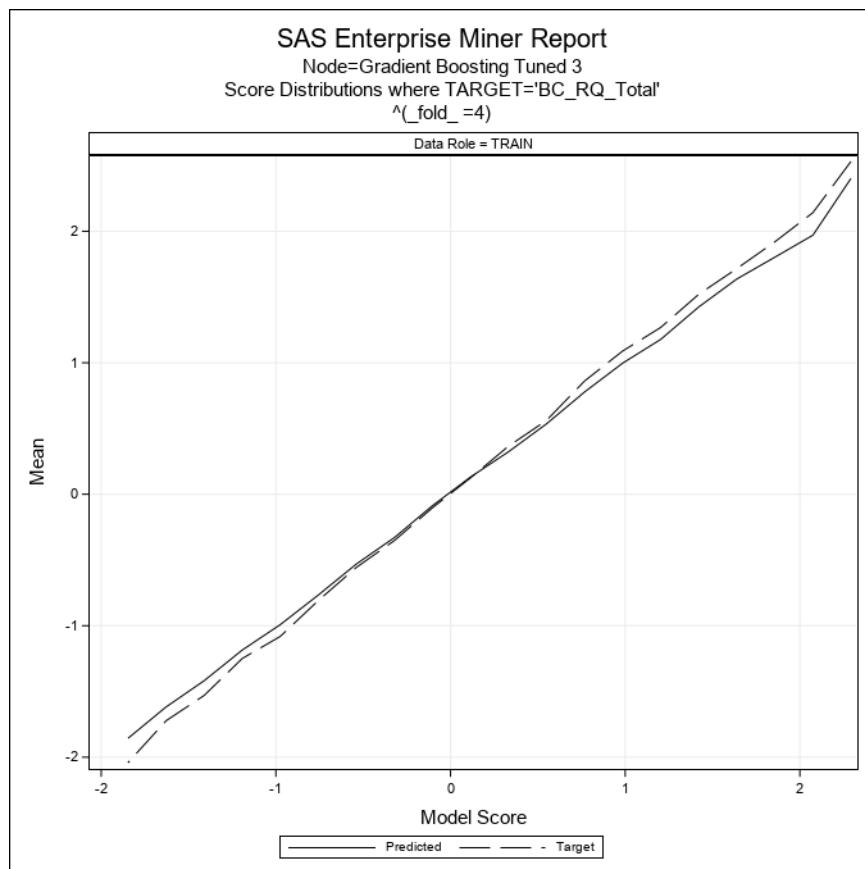
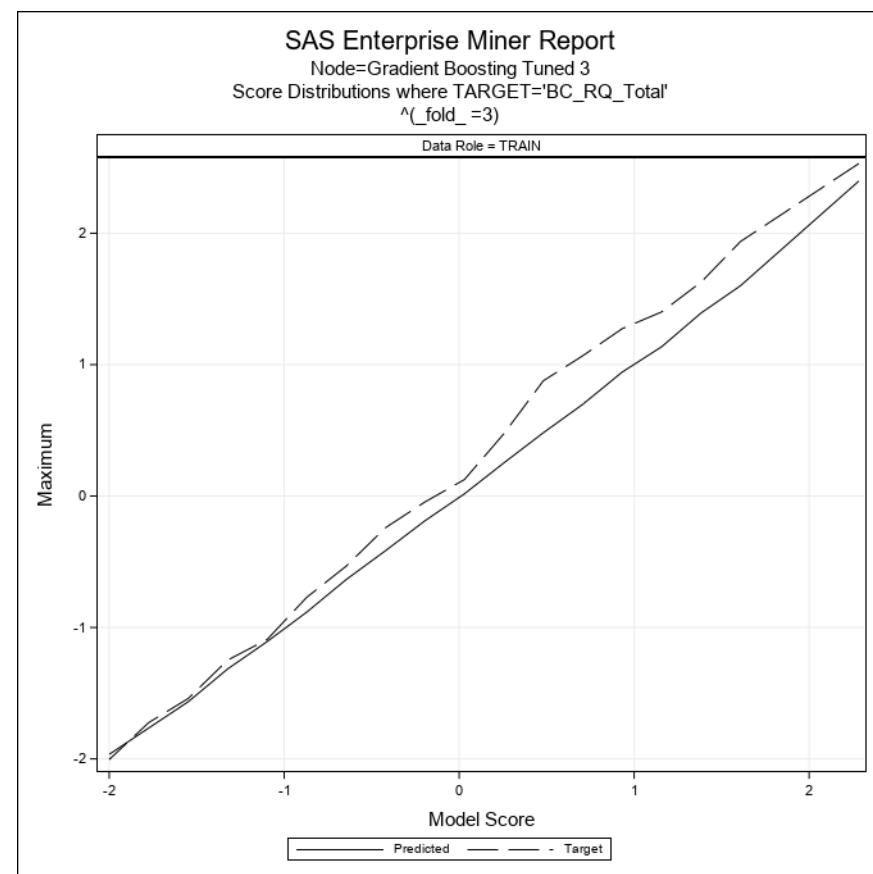
Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

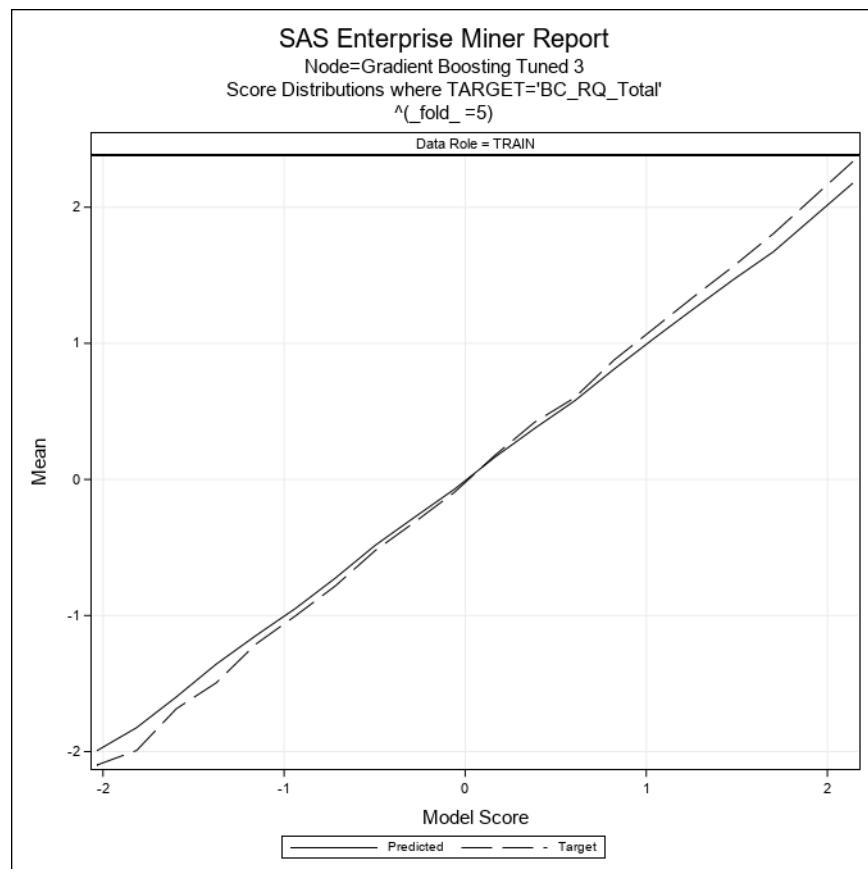
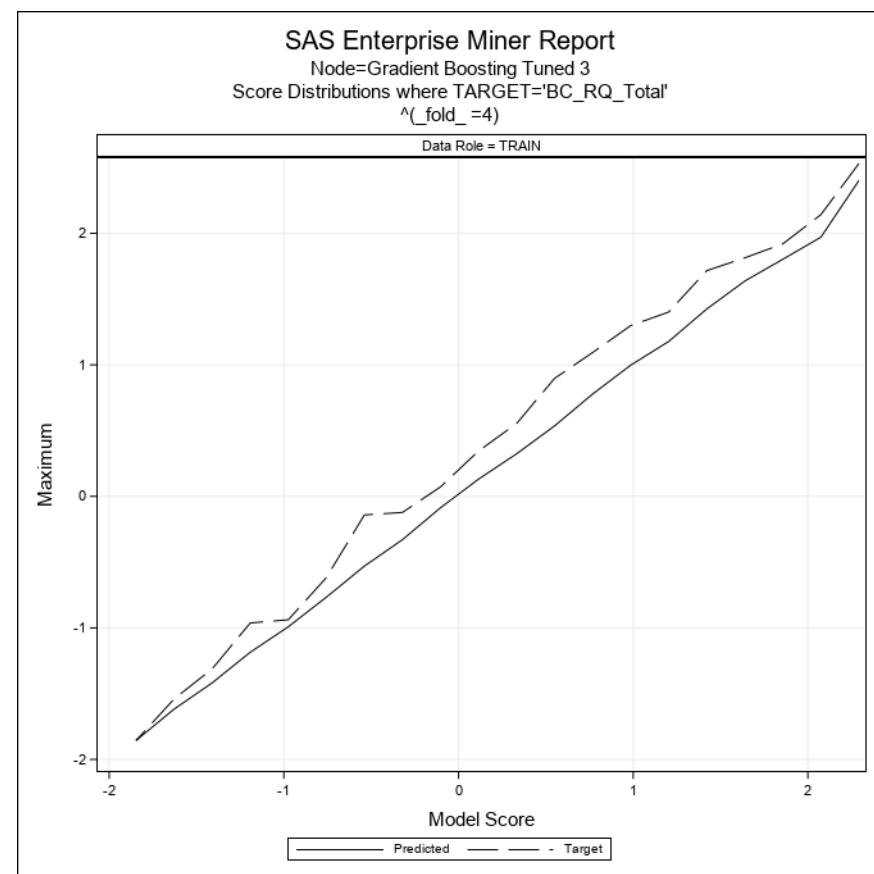
Group Index	Group	Train:		Sum of Case Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total Target Label
		Train: Target Variable	Train: Sum of Frequencies								
1	^(fold_=1)	BC_RQ_Total	342	342	0.36702	3.8717	0.01132	0.10640	342	342	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	348	348	0.35338	3.8442	0.01105	0.10510	348	348	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	324	324	0.30374	3.2896	0.01015	0.10076	324	324	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	350	350	0.35827	3.5683	0.01020	0.10097	350	350	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	342	342	0.31974	3.2861	0.00961	0.09802	342	342	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Total	342	342	0.45320	4.5554	0.01332	0.11541	342	342	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Total	351	351	0.36511	3.7696	0.01074	0.10363	351	351	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Total	342	342	0.39905	3.9355	0.01151	0.10727	342	342	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Total	393	.	2.57649	41.2677	0.10501	0.32405	393	.	ReQuest (total score) (Box-Cox transformed)

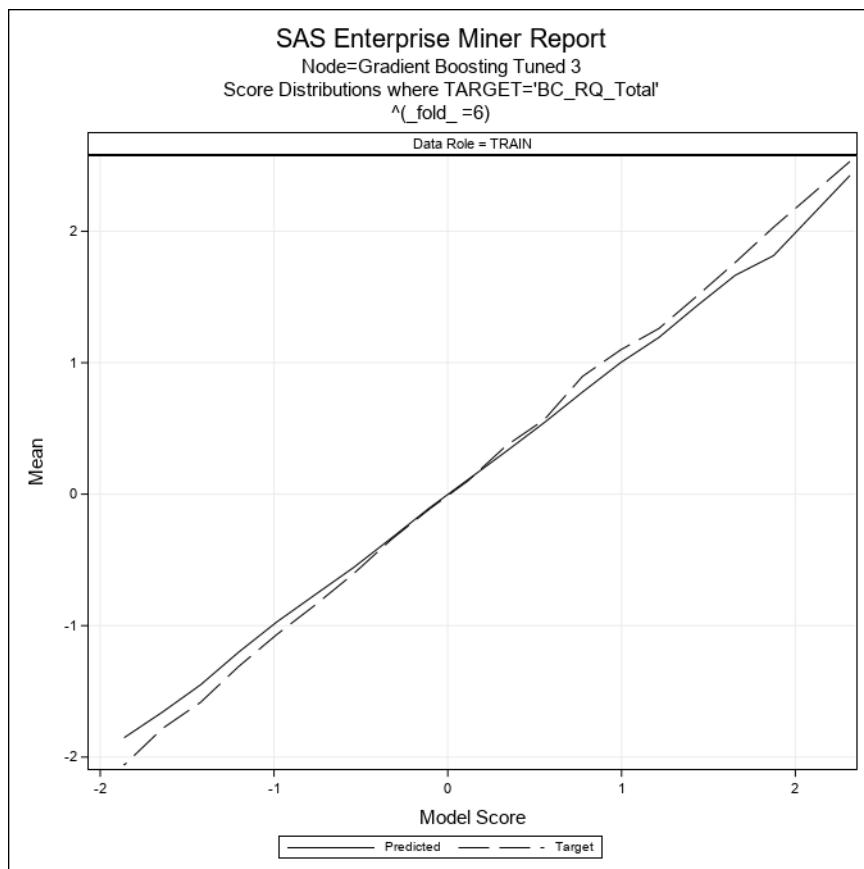
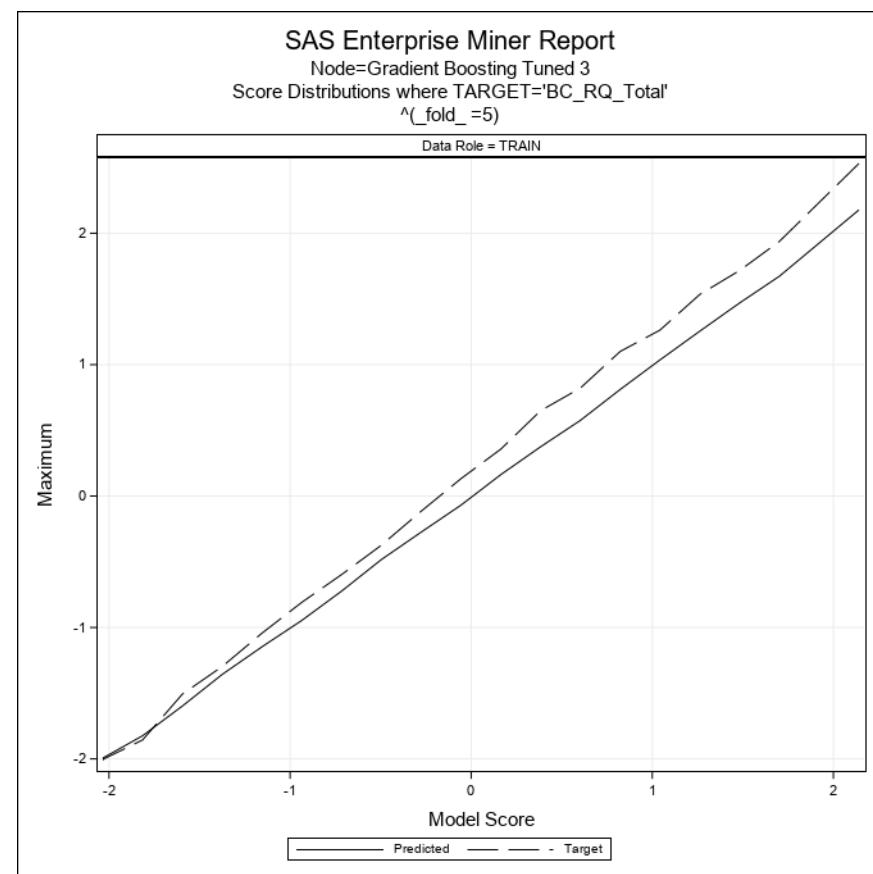


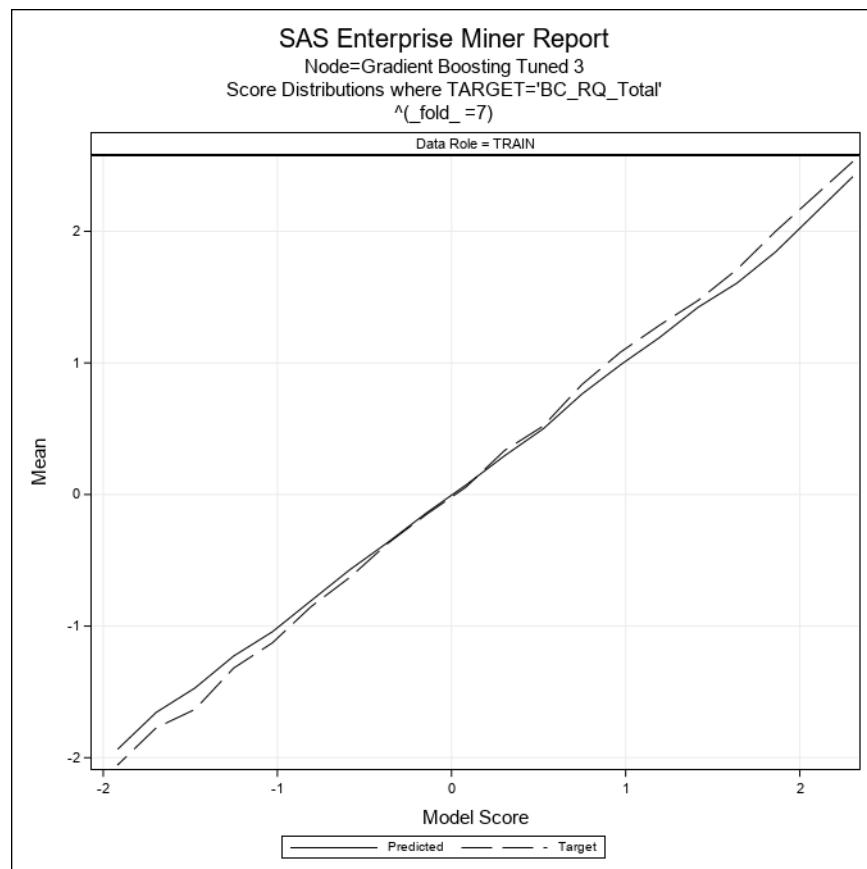
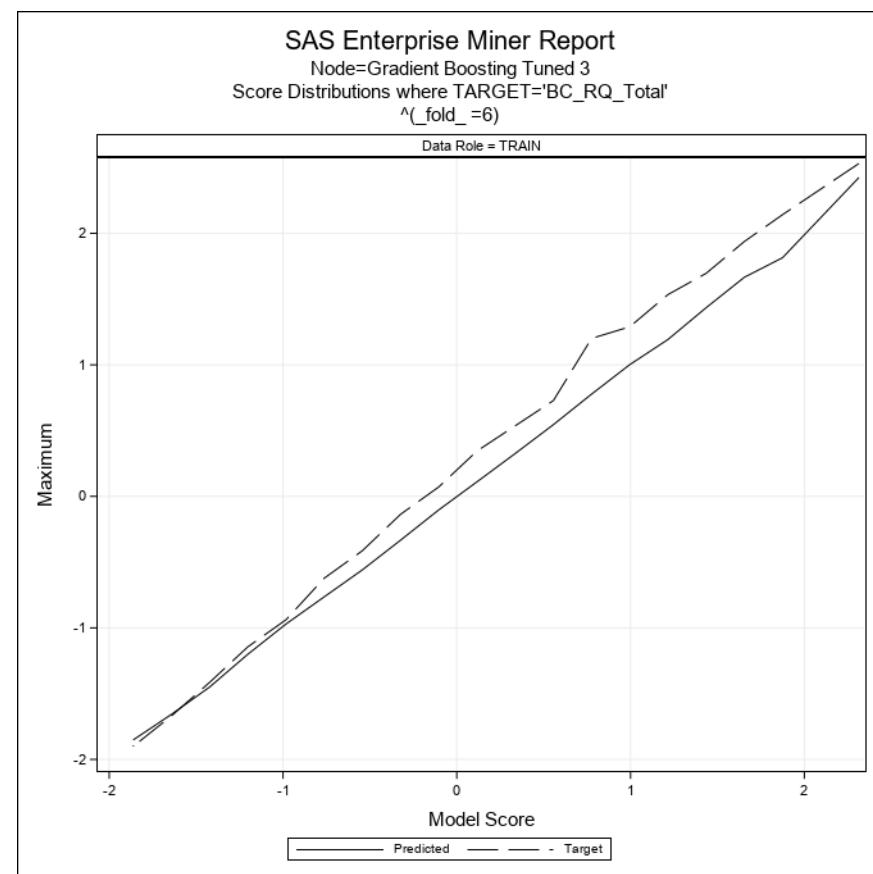


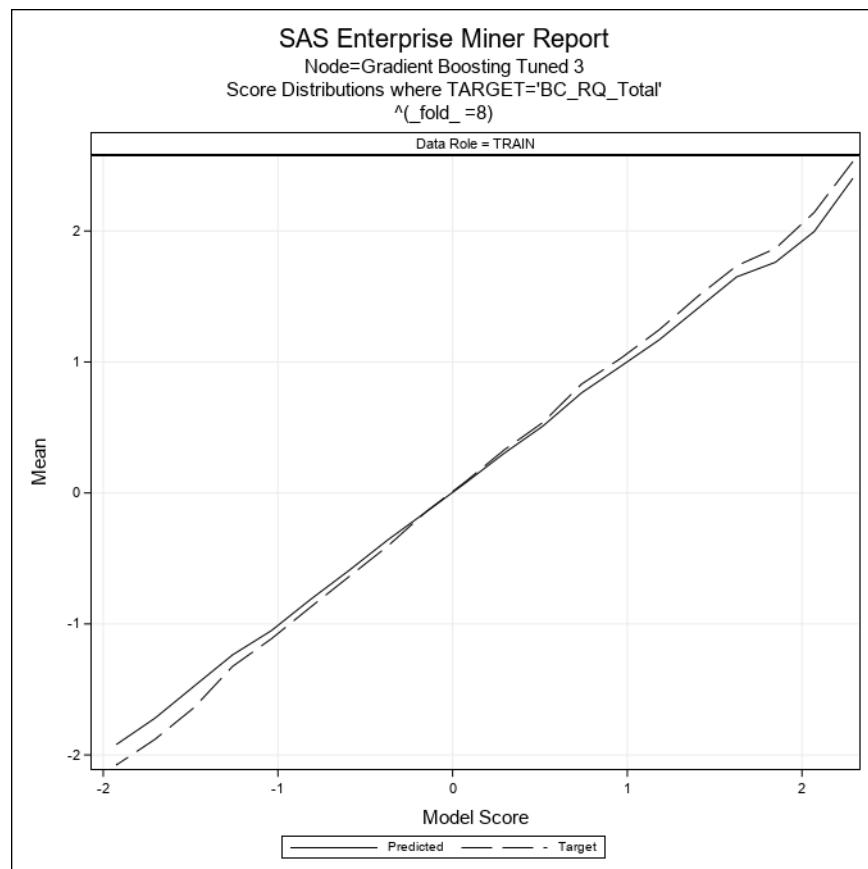
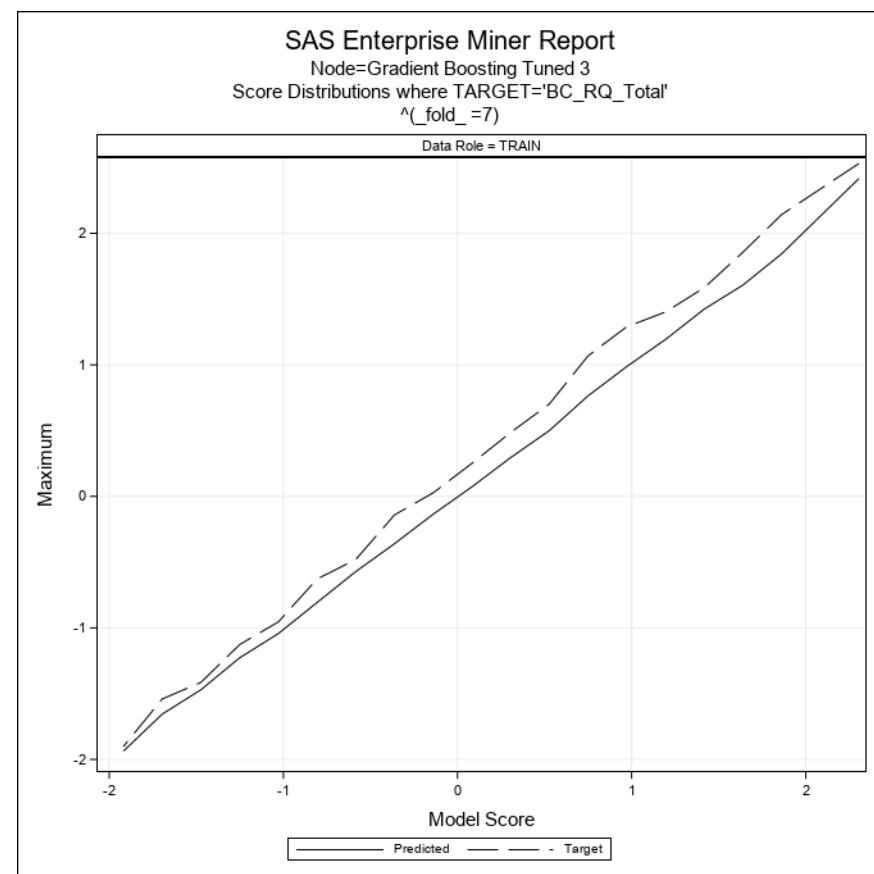


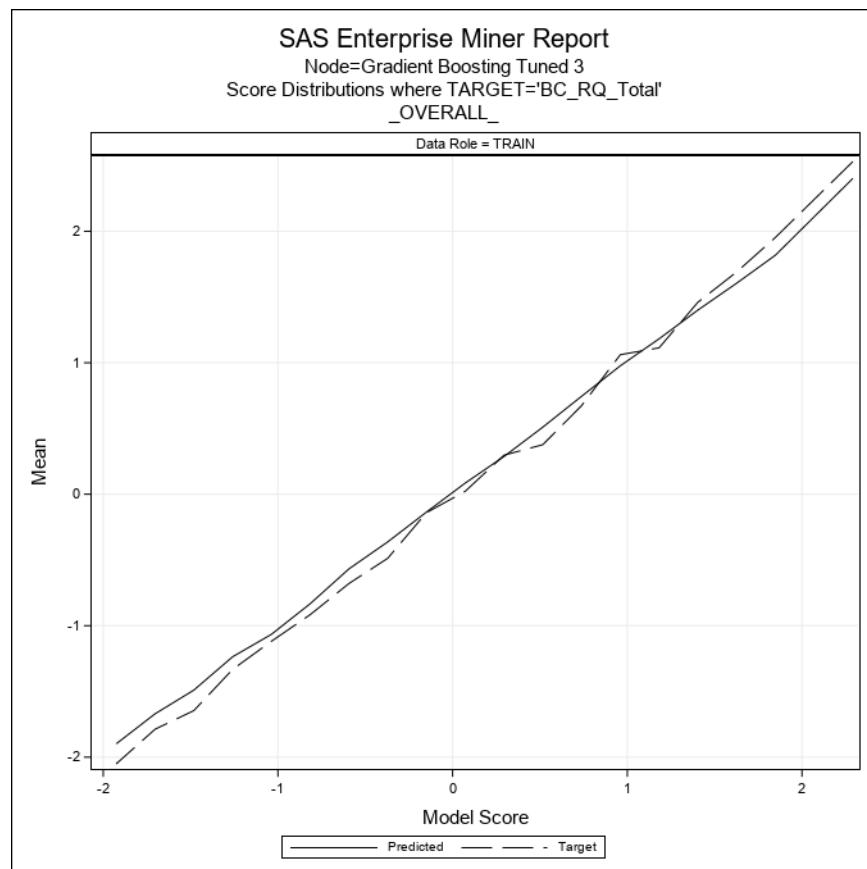
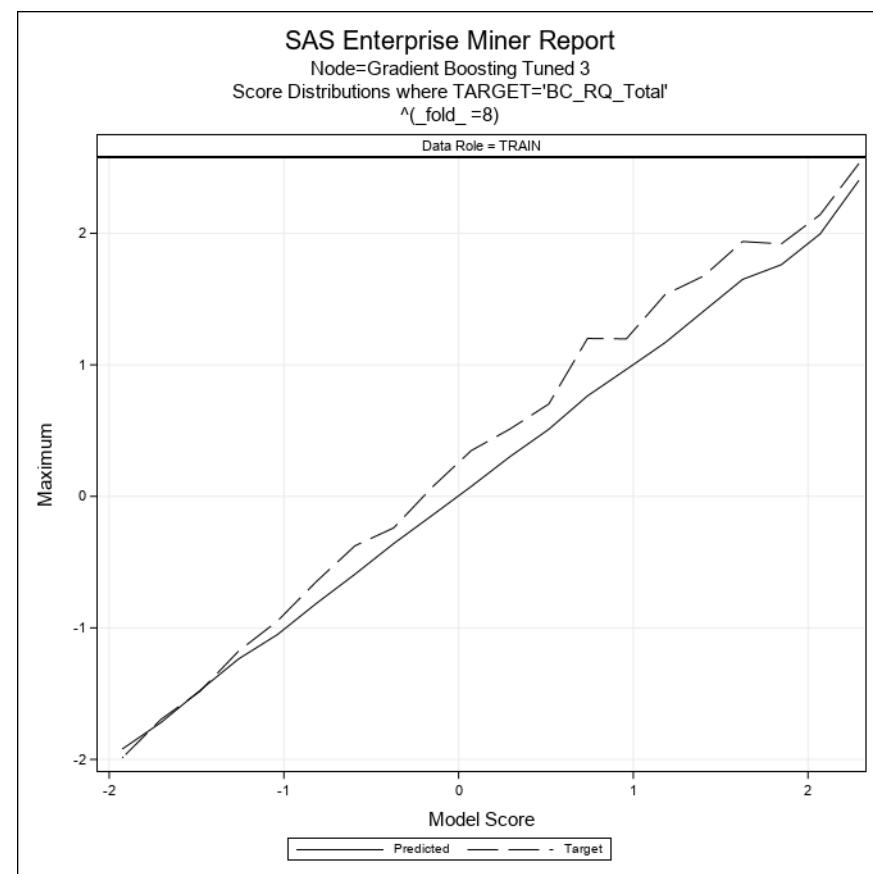


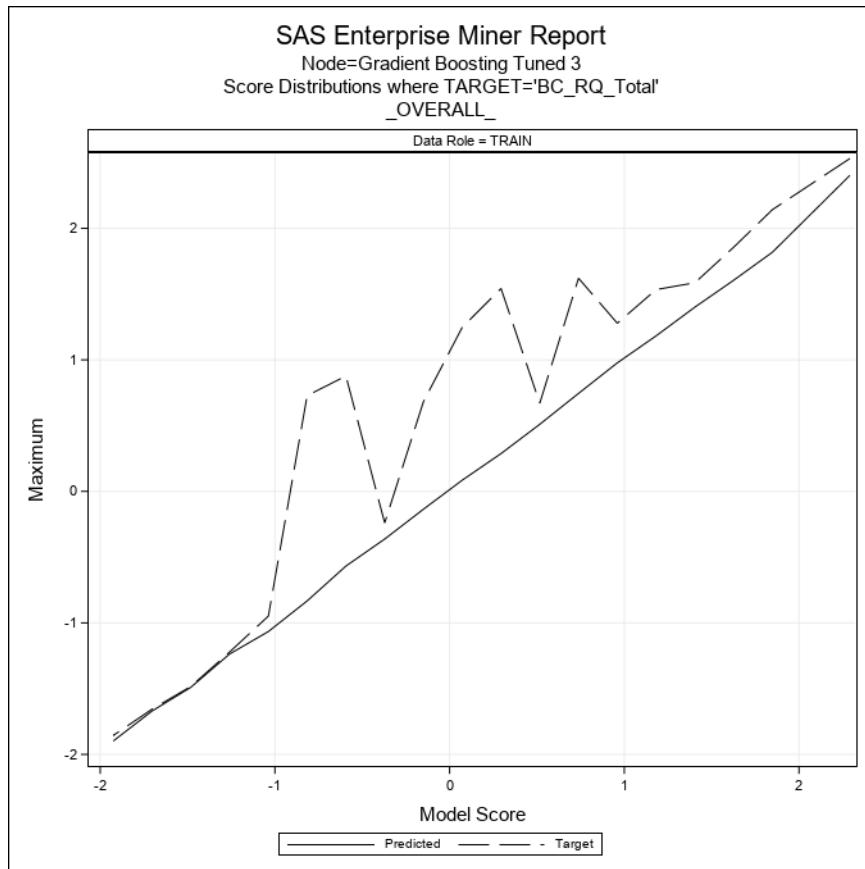












Node=Gradient Boosting Tuned 3

Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.030 - 2.246	2.24603	2.24603	2.24603	2.53080	2.53080	2.53080
1.814 - 2.030	1.89655	1.91492	1.87818	2.03067	2.14157	1.91976
1.598 - 1.814	1.68630	1.78410	1.59910	1.78284	1.93737	1.69572
1.382 - 1.598	1.47292	1.57023	1.38261	1.56013	1.76112	1.42447
1.166 - 1.382	1.27757	1.37585	1.17559	1.34431	1.53402	1.21608
0.950 - 1.166	1.06452	1.15829	0.95685	1.14028	1.28937	0.98677
0.734 - 0.950	0.83824	0.93199	0.74572	0.91868	1.14395	0.78645
0.518 - 0.734	0.60910	0.71229	0.52490	0.66152	0.89321	0.48813
0.302 - 0.518	0.42530	0.51281	0.32043	0.47229	0.72777	0.29246
0.085 - 0.302	0.19333	0.29522	0.09497	0.21497	0.38121	0.05364
-0.131 - 0.085	-0.02727	0.06598	-0.11844	-0.03396	0.11352	-0.17792
-0.347 - -0.131	-0.23477	-0.13229	-0.34080	-0.26149	-0.09689	-0.45401
-0.563 - -0.347	-0.46408	-0.35781	-0.55759	-0.49727	-0.13661	-0.82199
-0.779 - -0.563	-0.64634	-0.56594	-0.74197	-0.69831	-0.55186	-0.94872
-0.995 - -0.779	-0.88432	-0.77894	-0.97644	-0.94651	-0.75757	-1.12723
-1.211 - -0.995	-1.10267	-1.02944	-1.19860	-1.22464	-1.09122	-1.45147
-1.427 - -1.211	-1.32384	-1.24051	-1.41212	-1.44572	-1.29713	-1.61674
-1.643 - -1.427	-1.53609	-1.45510	-1.63625	-1.65360	-1.48341	-1.72334
-1.859 - -1.643	-1.77504	-1.64717	-1.85180	-1.91472	-1.75125	-2.12003
-2.075 - -1.859	-1.98444	-1.87396	-2.07512	-2.09596	-2.00400	-2.14837

Node=Gradient Boosting Tuned 3

Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.168 - 2.390	2.39006	2.39006	2.39006	2.53080	2.53080	2.53080
1.945 - 2.168	1.97895	1.97895	1.97895	2.14157	2.14157	2.14157
1.723 - 1.945	1.77395	1.83326	1.72333	1.87275	1.93737	1.76112
1.500 - 1.723	1.62024	1.71900	1.54787	1.72962	1.85573	1.63467
1.278 - 1.500	1.41225	1.50008	1.27912	1.51871	1.69572	1.35740
1.055 - 1.278	1.16000	1.27492	1.06097	1.25956	1.53402	1.11309
0.833 - 1.055	0.95375	1.05247	0.84119	1.05027	1.29809	0.78030
0.610 - 0.833	0.74127	0.81863	0.61462	0.80396	0.98831	0.58917
0.388 - 0.610	0.50721	0.60419	0.40121	0.54368	0.72777	0.39206
0.165 - 0.388	0.27788	0.38685	0.17009	0.29820	0.51216	-0.02569
-0.057 - 0.165	0.05736	0.16206	-0.04043	0.04434	0.25085	-0.10239
-0.280 - -0.057	-0.16938	-0.06161	-0.27636	-0.17870	-0.02176	-0.36578
-0.502 - -0.280	-0.37769	-0.28173	-0.49981	-0.38684	-0.13661	-0.57481
-0.725 - -0.502	-0.62989	-0.52812	-0.71566	-0.65610	-0.54080	-0.82199
-0.947 - -0.725	-0.83513	-0.73106	-0.94098	-0.89355	-0.66623	-1.04523
-1.170 - -0.947	-1.06650	-0.98163	-1.14964	-1.15451	-0.96273	-1.37563
-1.392 - -1.170	-1.23582	-1.18312	-1.33688	-1.35797	-1.12700	-1.66999
-1.615 - -1.392	-1.51699	-1.40329	-1.58678	-1.63613	-1.48341	-1.75125
-1.837 - -1.615	-1.72950	-1.63956	-1.82586	-1.87143	-1.65597	-2.03918
-2.059 - -1.837	-1.97536	-1.92105	-2.05950	-2.10319	-2.00400	-2.14837

Node=Gradient Boosting Tuned 3

Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.172 - 2.398	2.39759	2.39759	2.39759	2.53080	2.53080	2.53080
1.496 - 1.721	1.60110	1.71354	1.50144	1.71633	1.93737	1.58573
1.270 - 1.496	1.39331	1.46171	1.28661	1.46827	1.62835	1.33889
1.045 - 1.270	1.13625	1.22211	1.05534	1.23750	1.40120	1.08076
0.819 - 1.045	0.94356	1.03370	0.82067	1.03508	1.27377	0.78645
0.594 - 0.819	0.69803	0.81128	0.59630	0.75768	1.06762	0.44077
0.368 - 0.594	0.48164	0.58466	0.37272	0.51259	0.87701	0.31162
0.143 - 0.368	0.25240	0.36312	0.14849	0.30183	0.47402	0.11400
-0.083 - 0.143	0.01691	0.13587	-0.08171	0.00946	0.12536	-0.12851
-0.308 - -0.083	-0.18804	-0.08877	-0.30813	-0.19135	-0.04480	-0.43311
-0.534 - -0.308	-0.41581	-0.32616	-0.52349	-0.43214	-0.24082	-0.58179
-0.759 - -0.534	-0.63619	-0.54777	-0.75807	-0.66488	-0.53404	-0.91229
-0.985 - -0.759	-0.88386	-0.78323	-0.98057	-0.92912	-0.77132	-1.19363
-1.210 - -0.985	-1.10743	-1.02002	-1.20223	-1.21187	-1.09122	-1.36958
-1.436 - -1.210	-1.31547	-1.22135	-1.43566	-1.42074	-1.24826	-1.60552
-1.661 - -1.436	-1.56515	-1.49193	-1.65963	-1.67528	-1.54033	-1.77371
-1.887 - -1.661	-1.76480	-1.69065	-1.88452	-1.91363	-1.72334	-2.12003
-2.112 - -1.887	-1.96492	-1.88821	-2.11214	-2.09596	-2.00400	-2.14837

Node=Gradient Boosting Tuned 3

Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.184 - 2.401	2.40139	2.40139	2.40139	2.53080	2.53080	2.53080
1.966 - 2.184	1.97016	1.97016	1.97016	2.14157	2.14157	2.14157
1.748 - 1.966	1.80273	1.80273	1.80273	1.91976	1.91976	1.91976
1.530 - 1.748	1.63701	1.74391	1.56205	1.71595	1.81338	1.62835
1.312 - 1.530	1.42454	1.51053	1.34739	1.52082	1.71614	1.35740
1.094 - 1.312	1.17780	1.25586	1.09967	1.26833	1.40120	1.11309
0.877 - 1.094	0.99705	1.08719	0.87980	1.08922	1.29809	0.93883
0.659 - 0.877	0.77791	0.85357	0.66983	0.86144	1.09353	0.60913
0.441 - 0.659	0.53570	0.64589	0.44429	0.56221	0.89675	0.34455
0.223 - 0.441	0.32311	0.43090	0.22333	0.36577	0.55336	0.25335
0.005 - 0.223	0.13069	0.21343	0.03350	0.12443	0.34447	-0.07650
-0.213 - 0.005	-0.08706	0.00225	-0.20535	-0.10316	0.07159	-0.35853
-0.430 - -0.213	-0.32964	-0.21481	-0.42797	-0.35235	-0.12240	-0.49605
-0.648 - -0.430	-0.53061	-0.43650	-0.63030	-0.55642	-0.14129	-0.77931
-0.866 - -0.648	-0.76662	-0.65989	-0.85890	-0.80864	-0.61792	-1.00612
-1.084 - -0.866	-0.99179	-0.86637	-1.08311	-1.08117	-0.93832	-1.24019
-1.302 - -1.084	-1.18521	-1.09117	-1.29948	-1.24947	-0.96273	-1.51040
-1.519 - -1.302	-1.41804	-1.31110	-1.50955	-1.53008	-1.31134	-1.71630
-1.737 - -1.519	-1.61736	-1.52462	-1.73553	-1.72249	-1.54033	-1.98839
-1.955 - -1.737	-1.85587	-1.75577	-1.95513	-2.04045	-1.85583	-2.14837

Node=Gradient Boosting Tuned 3

Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.031 - 2.251	2.17765	2.25097	2.10433	2.33618	2.53080	2.14157
1.592 - 1.811	1.67247	1.76290	1.60213	1.80558	1.93737	1.69572
1.372 - 1.592	1.46911	1.55746	1.38571	1.56724	1.71614	1.35740
1.152 - 1.372	1.25455	1.36748	1.16866	1.34239	1.53402	1.19704
0.933 - 1.152	1.03589	1.15071	0.93298	1.10967	1.26278	0.98213
0.713 - 0.933	0.81108	0.92309	0.73503	0.87809	1.10018	0.68366
0.493 - 0.713	0.57587	0.71128	0.49741	0.59904	0.82183	0.46444
0.273 - 0.493	0.37480	0.49065	0.28309	0.41997	0.64939	0.25818
0.054 - 0.273	0.16286	0.26230	0.05964	0.17634	0.35694	-0.07650
-0.166 - 0.054	-0.06905	0.04794	-0.16492	-0.09103	0.13236	-0.25596
-0.386 - -0.166	-0.27436	-0.17292	-0.38463	-0.31102	-0.11530	-0.48044
-0.606 - -0.386	-0.48313	-0.40188	-0.58884	-0.52148	-0.37386	-0.65958
-0.825 - -0.606	-0.72337	-0.61030	-0.82304	-0.78096	-0.59748	-0.95512
-1.045 - -0.825	-0.94631	-0.84008	-1.03623	-1.00072	-0.80863	-1.19363
-1.265 - -1.045	-1.14685	-1.04832	-1.21947	-1.20927	-1.04319	-1.33329
-1.485 - -1.265	-1.35724	-1.27321	-1.46043	-1.49466	-1.29713	-1.75125
-1.704 - -1.485	-1.59765	-1.50530	-1.69881	-1.68453	-1.50677	-1.93471
-1.924 - -1.704	-1.82378	-1.70827	-1.92283	-1.99158	-1.85583	-2.12353
-2.144 - -1.924	-1.99382	-1.92784	-2.14386	-2.09898	-2.00400	-2.14837

Node=Gradient Boosting Tuned 3

Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.204 - 2.424	2.42412	2.42412	2.42412	2.53080	2.53080	2.53080
1.765 - 1.985	1.81429	1.83751	1.79108	2.03067	2.14157	1.91976
1.545 - 1.765	1.66556	1.75466	1.57712	1.76364	1.93737	1.65154
1.325 - 1.545	1.43431	1.53516	1.32668	1.50839	1.69572	1.35740
1.105 - 1.325	1.19253	1.31992	1.10559	1.26055	1.53402	1.01263
0.885 - 1.105	1.00136	1.09383	0.88791	1.09832	1.28937	0.94902
0.666 - 0.885	0.77704	0.87173	0.68524	0.89631	1.20060	0.68366
0.446 - 0.666	0.54492	0.64190	0.44664	0.56755	0.72777	0.44077
0.226 - 0.446	0.32546	0.42896	0.23246	0.36857	0.53607	0.17993
0.006 - 0.226	0.11043	0.22540	0.00933	0.10124	0.34447	-0.12851
-0.214 - 0.006	-0.10293	0.00291	-0.20696	-0.11119	0.07159	-0.32382
-0.433 - -0.214	-0.33319	-0.21585	-0.42888	-0.34313	-0.13661	-0.53404
-0.653 - -0.433	-0.55889	-0.44795	-0.65238	-0.60638	-0.41331	-0.74820
-0.873 - -0.653	-0.76429	-0.66952	-0.85366	-0.84319	-0.62275	-1.04319
-1.093 - -0.873	-0.97082	-0.88116	-1.07501	-1.06644	-0.93832	-1.24019
-1.313 - -1.093	-1.20089	-1.12617	-1.28884	-1.30981	-1.14449	-1.60552
-1.532 - -1.313	-1.45004	-1.36305	-1.52596	-1.58322	-1.41445	-1.71804
-1.752 - -1.532	-1.65786	-1.58434	-1.74054	-1.78277	-1.66999	-1.98839
-1.972 - -1.752	-1.85210	-1.75769	-1.97206	-2.06062	-1.90123	-2.14837

Node=Gradient Boosting Tuned 3

Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.194 - 2.416	2.41620	2.41620	2.41620	2.53080	2.53080	2.53080
1.749 - 1.972	1.84311	1.94938	1.75046	1.99957	2.14157	1.91976
1.527 - 1.749	1.60580	1.68608	1.52968	1.70954	1.85573	1.62035
1.305 - 1.527	1.42299	1.50082	1.30541	1.47477	1.58573	1.34601
1.083 - 1.305	1.19225	1.28975	1.10281	1.28564	1.40120	1.15495
0.860 - 1.083	0.98644	1.07740	0.87374	1.08295	1.28937	0.85413
0.638 - 0.860	0.76374	0.85386	0.63956	0.83621	1.06762	0.63866
0.416 - 0.638	0.49974	0.61564	0.41637	0.52089	0.70185	0.39206
0.194 - 0.416	0.29442	0.41261	0.21703	0.33442	0.48519	0.16629
-0.029 - 0.194	0.07193	0.18861	-0.02750	0.05556	0.25085	-0.12851
-0.251 - -0.029	-0.13581	-0.02901	-0.24674	-0.14705	0.02676	-0.32455
-0.473 - -0.251	-0.36013	-0.26496	-0.46775	-0.36743	-0.14129	-0.52192
-0.695 - -0.473	-0.57178	-0.47788	-0.68441	-0.63005	-0.48044	-0.87824
-0.918 - -0.695	-0.80712	-0.70029	-0.89621	-0.85224	-0.62872	-1.11799
-1.140 - -0.918	-1.04329	-0.92180	-1.13763	-1.12758	-0.95440	-1.33329
-1.362 - -1.140	-1.22756	-1.14109	-1.33990	-1.31899	-1.12700	-1.61674
-1.585 - -1.362	-1.47047	-1.36250	-1.57618	-1.63291	-1.41445	-1.93471
-1.807 - -1.585	-1.65548	-1.60797	-1.78280	-1.77265	-1.54033	-2.03918
-2.029 - -1.807	-1.93658	-1.85068	-2.02906	-2.05603	-1.90123	-2.14837

Node=Gradient Boosting Tuned 3

Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.181 - 2.403	2.40259	2.40259	2.40259	2.53080	2.53080	2.53080
1.959 - 2.181	1.99549	1.99549	1.99549	2.14157	2.14157	2.14157
1.737 - 1.959	1.76133	1.76904	1.75361	1.86657	1.91976	1.81338
1.515 - 1.737	1.64948	1.73569	1.51579	1.73422	1.93737	1.62835
1.293 - 1.515	1.40926	1.49340	1.31555	1.50111	1.67589	1.39090
1.071 - 1.293	1.16818	1.27622	1.07289	1.24528	1.53402	0.98677
0.849 - 1.071	0.96496	1.06279	0.85177	1.02534	1.19704	0.78645
0.627 - 0.849	0.76390	0.84772	0.63224	0.83110	1.20060	0.60913
0.405 - 0.627	0.50989	0.62704	0.41139	0.53781	0.70185	0.33679
0.183 - 0.405	0.30196	0.40277	0.18768	0.32737	0.51216	0.07866
-0.039 - 0.183	0.07516	0.17751	-0.03801	0.08441	0.34779	-0.12851
-0.261 - -0.039	-0.14295	-0.04345	-0.25130	-0.14100	0.07159	-0.32455
-0.483 - -0.261	-0.35905	-0.26437	-0.47746	-0.40616	-0.23974	-0.58179
-0.705 - -0.483	-0.59244	-0.49654	-0.70020	-0.63985	-0.37628	-0.87824
-0.927 - -0.705	-0.81523	-0.71097	-0.92527	-0.87432	-0.64981	-1.11233
-1.148 - -0.927	-1.05115	-0.93040	-1.12168	-1.11367	-0.94838	-1.24826
-1.370 - -1.148	-1.23610	-1.14935	-1.35255	-1.32400	-1.17661	-1.54517
-1.592 - -1.370	-1.47676	-1.40233	-1.58568	-1.64027	-1.48341	-1.77371
-1.814 - -1.592	-1.71913	-1.61105	-1.79207	-1.88047	-1.69512	-2.12003
-2.036 - -1.814	-1.92109	-1.82554	-2.03620	-2.07767	-1.98818	-2.14837

Node=Gradient Boosting Tuned 3

Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.181 - 2.403	2.40259	2.40259	2.40259	2.53080	2.53080	2.53080
1.737 - 1.959	1.81797	1.91492	1.75466	1.95302	2.14157	1.81338
1.515 - 1.737	1.60484	1.66813	1.52968	1.69019	1.85573	1.51134
1.293 - 1.515	1.40044	1.46171	1.32521	1.45992	1.58573	1.34601
1.071 - 1.293	1.18203	1.28975	1.07516	1.11343	1.53402	-0.87824
0.849 - 1.071	0.97683	1.06790	0.85177	1.06118	1.27810	0.78645
0.627 - 0.849	0.74467	0.84596	0.63956	0.67328	1.62035	-1.71804
0.405 - 0.627	0.50989	0.62541	0.40532	0.37680	0.67053	-1.44120
0.183 - 0.405	0.28702	0.39391	0.19379	0.29691	1.54226	-1.51040
-0.039 - 0.183	0.08485	0.17967	-0.03801	0.02227	1.24703	-2.11306
-0.261 - -0.039	-0.13579	-0.03925	-0.25531	-0.14017	0.68168	-0.57481
-0.483 - -0.261	-0.36269	-0.26465	-0.48019	-0.48751	-0.23974	-2.03918
-0.705 - -0.483	-0.56807	-0.48555	-0.69670	-0.67924	0.87701	-2.12003
-0.927 - -0.705	-0.83303	-0.70861	-0.92573	-0.91629	0.72777	-1.91626
-1.148 - -0.927	-1.06583	-0.94067	-1.14326	-1.11858	-0.94838	-1.24019
-1.370 - -1.148	-1.23647	-1.14964	-1.30573	-1.33230	-1.22141	-1.60749
-1.592 - -1.370	-1.48983	-1.40233	-1.57890	-1.64578	-1.48341	-1.93471
-1.814 - -1.592	-1.67011	-1.61805	-1.70900	-1.78741	-1.65597	-1.98839
-2.036 - -1.814	-1.89803	-1.81631	-2.03620	-2.05033	-1.85583	-2.14837

Node=Gradient Boosting Tuned 3

Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	339
2	^(fold_=2)	349
3	^(fold_=3)	339
4	^(fold_=4)	344
5	^(fold_=5)	343
6	^(fold_=6)	336
7	^(fold_=7)	349
8	^(fold_=8)	352

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp11
 Node label = End Groups
 Meta path = Ids => Trans => Grp11 => Boost5 => EndGrp11
 Notes =

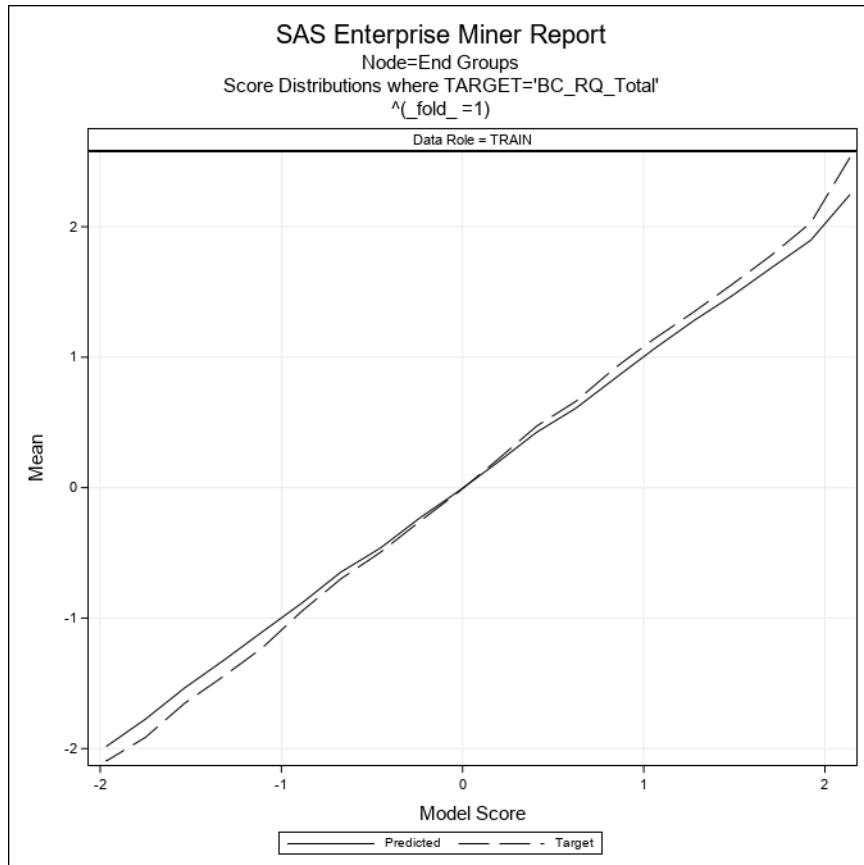
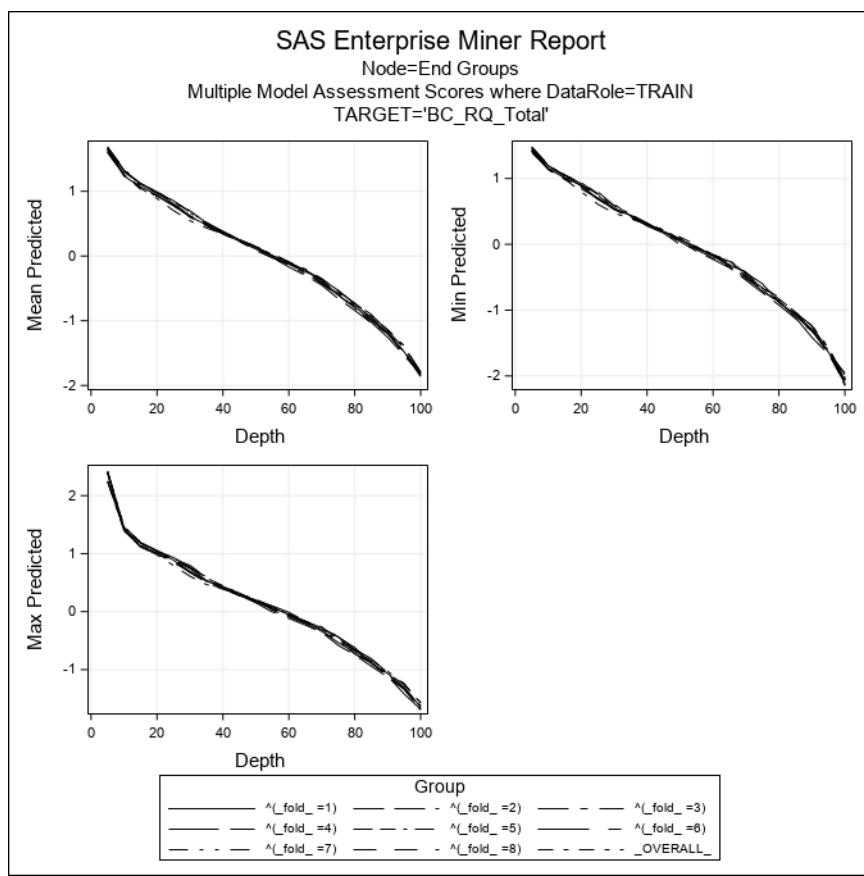
Node=End Groups Properties

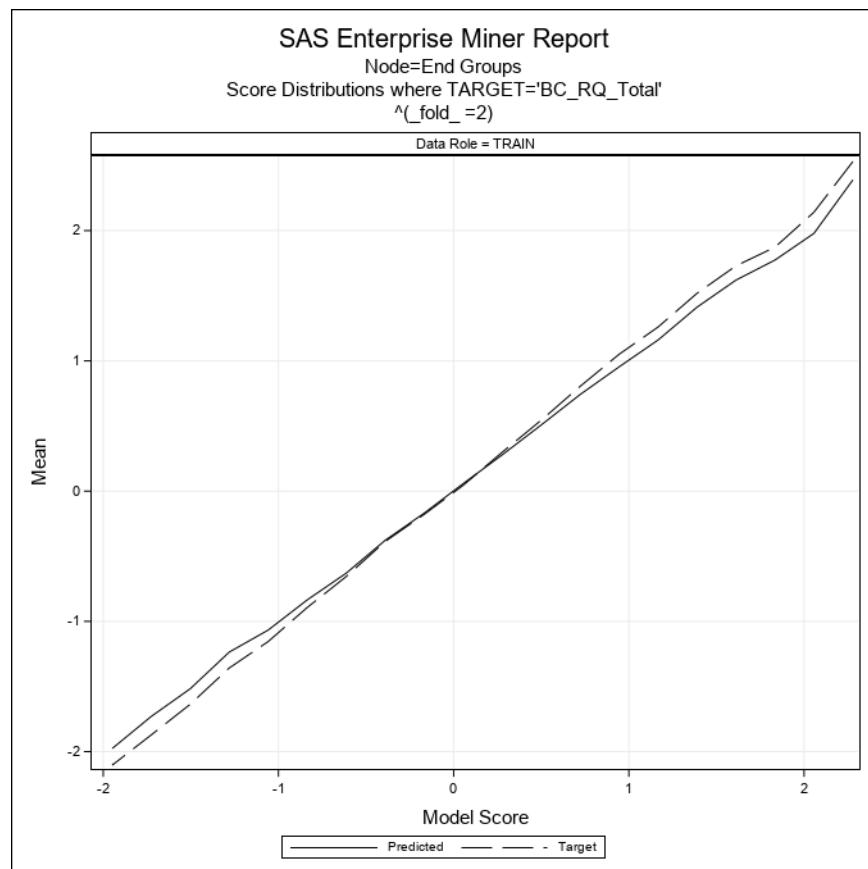
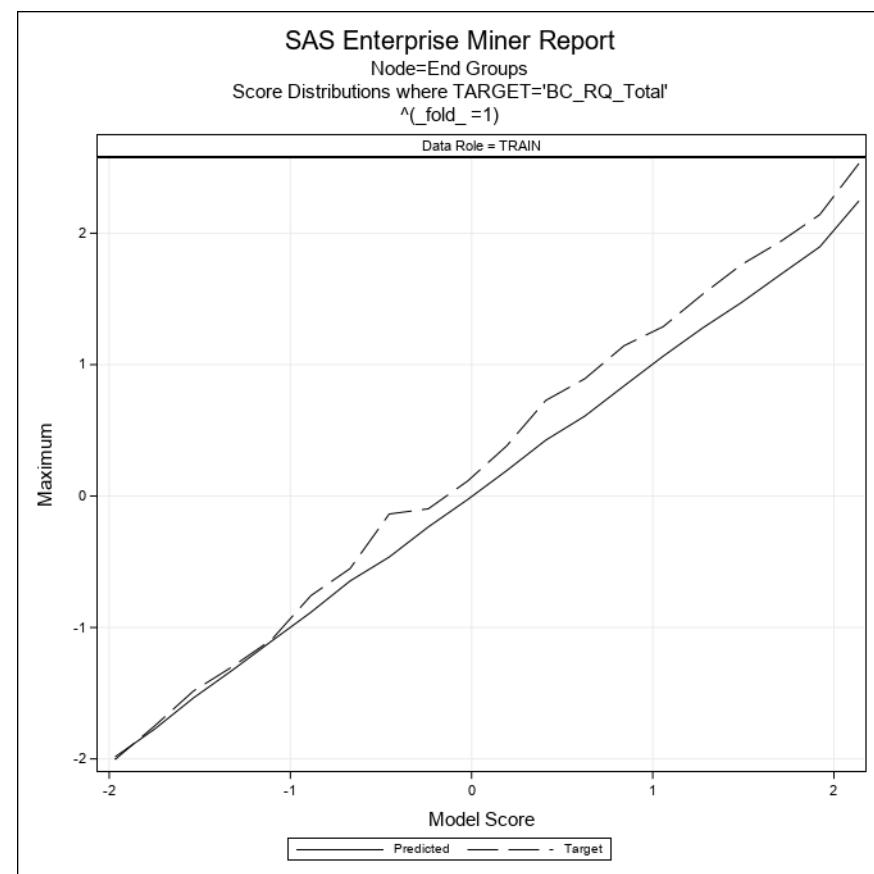
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Component	EndGroup		ToolType	MODEL				

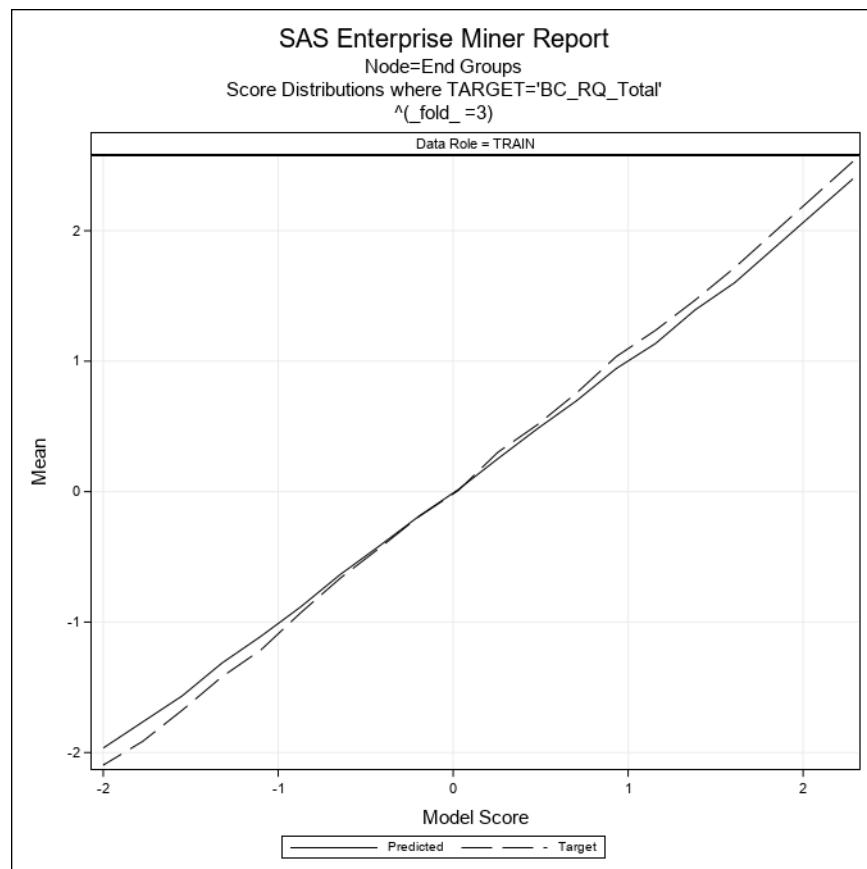
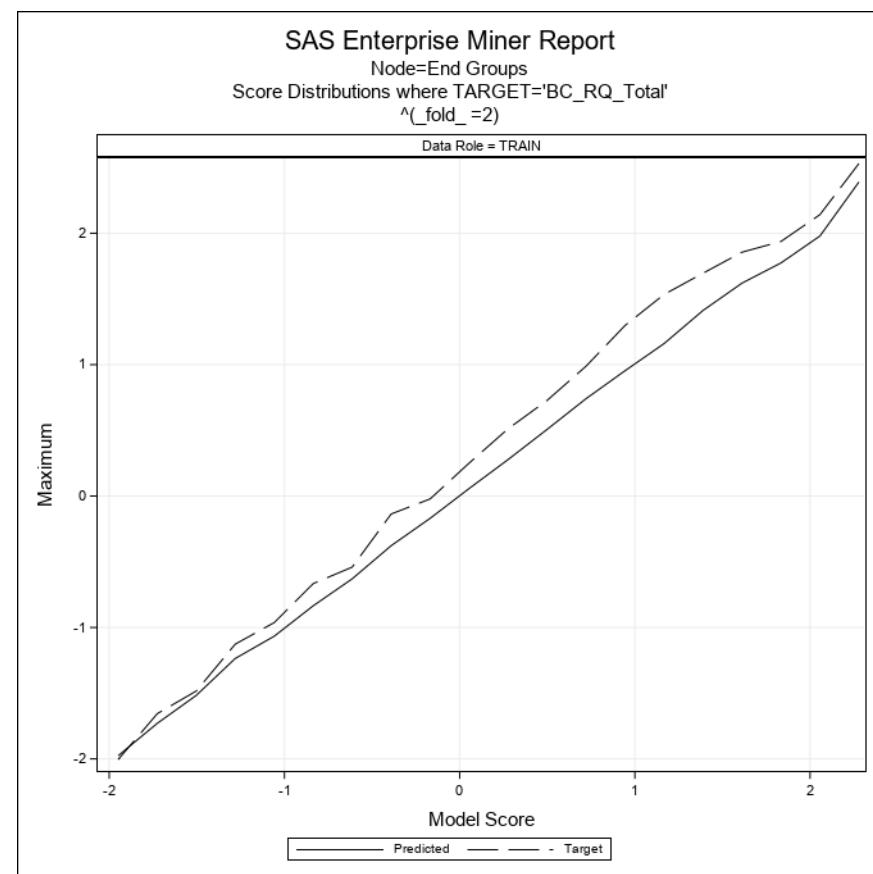
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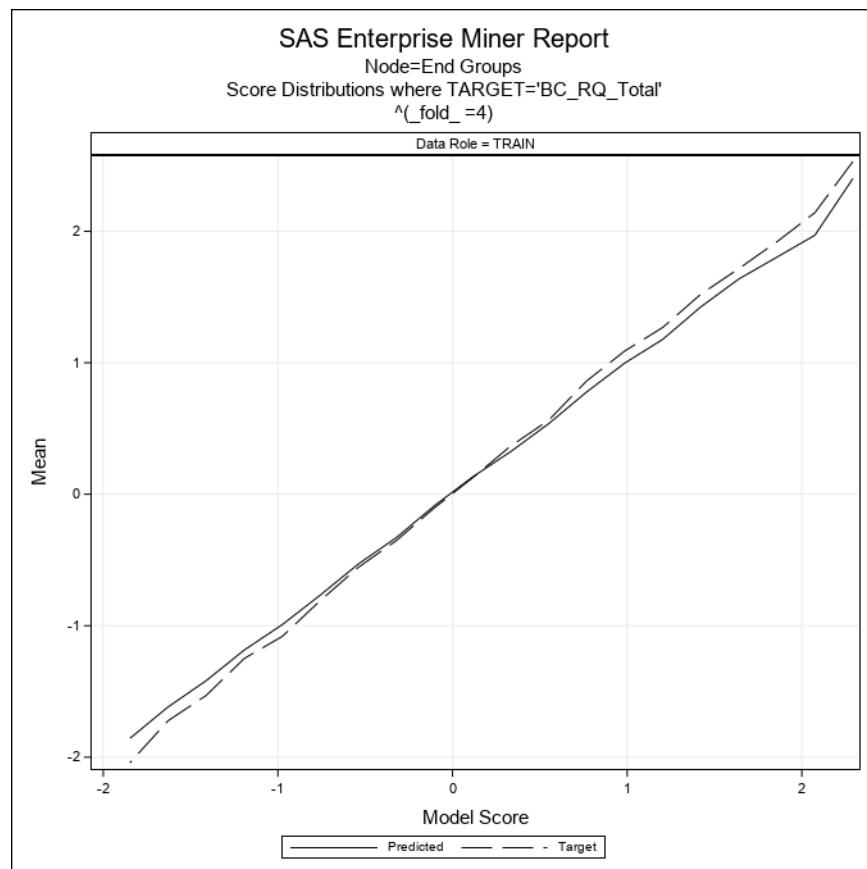
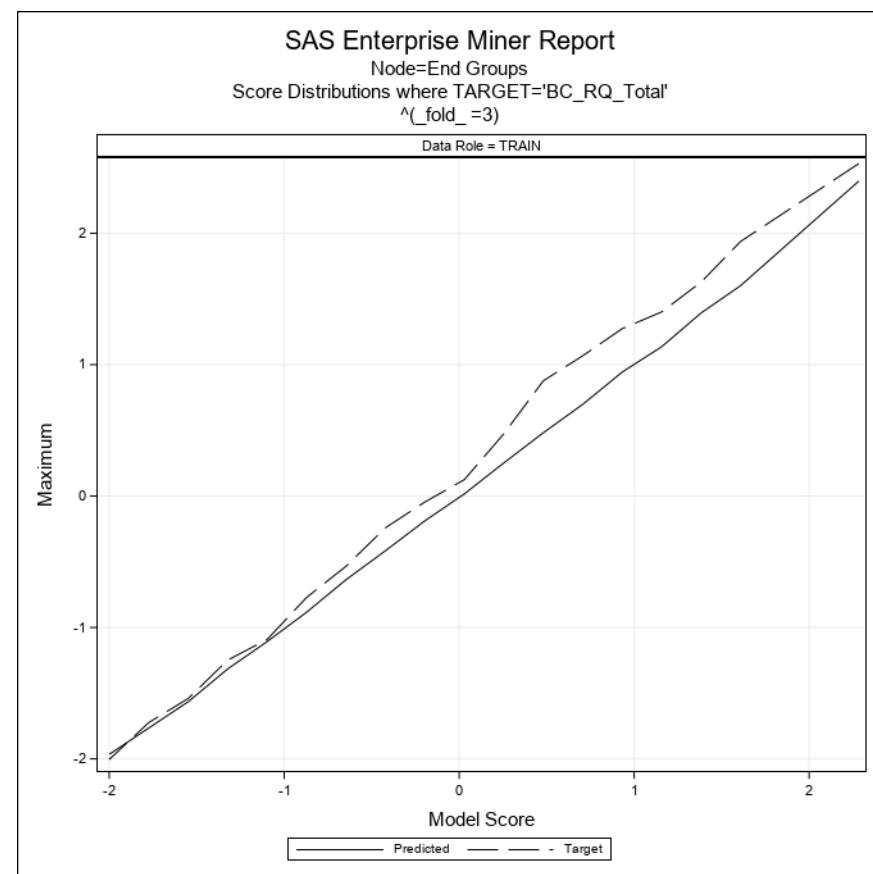
Role	Level	Frequency		Name
		Count		
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INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

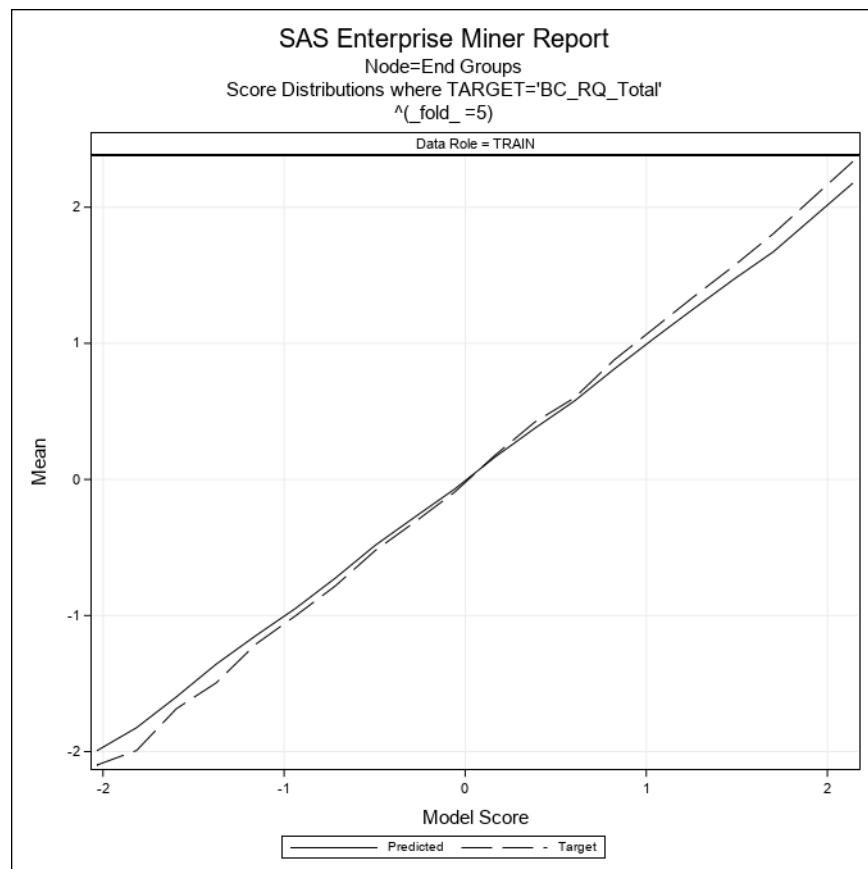
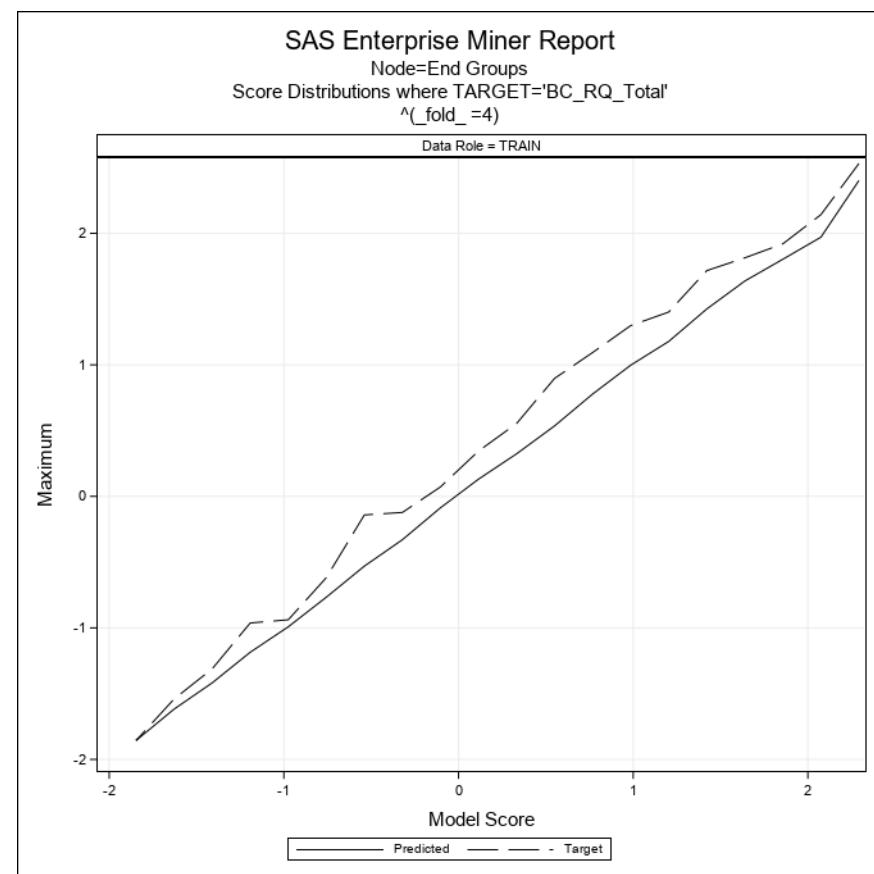
Group Index	Group	ModelId	Train: Target Variable	Train:		Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Total Degrees of Freedom		Target Label
				Sum of Case Frequencies	Times Freq							Average Squared Error	Degrees of Freedom	
1	^(fold_=1)	Boost5	BC_RQ_Total	342	342	0.36702	3.8717	0.01132	0.10640	342	342	342	342	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	Boost5	BC_RQ_Total	348	348	0.35338	3.8442	0.01105	0.10510	348	348	348	348	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	Boost5	BC_RQ_Total	324	324	0.30374	3.2896	0.01015	0.10076	324	324	324	324	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	Boost5	BC_RQ_Total	350	350	0.35827	3.5683	0.01020	0.10097	350	350	350	350	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	Boost5	BC_RQ_Total	342	342	0.31974	3.2861	0.00961	0.09802	342	342	342	342	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	Boost5	BC_RQ_Total	342	342	0.45320	4.5554	0.01332	0.11541	342	342	342	342	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	Boost5	BC_RQ_Total	351	351	0.36511	3.7696	0.01074	0.10363	351	351	351	351	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	Boost5	BC_RQ_Total	342	342	0.39905	3.9355	0.01151	0.10727	342	342	342	342	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_		BC_RQ_Total	393	.	2.41845	52.9040	0.13462	0.36690	393	.	.	.	ReQuest (total score) (Box-Cox transformed)

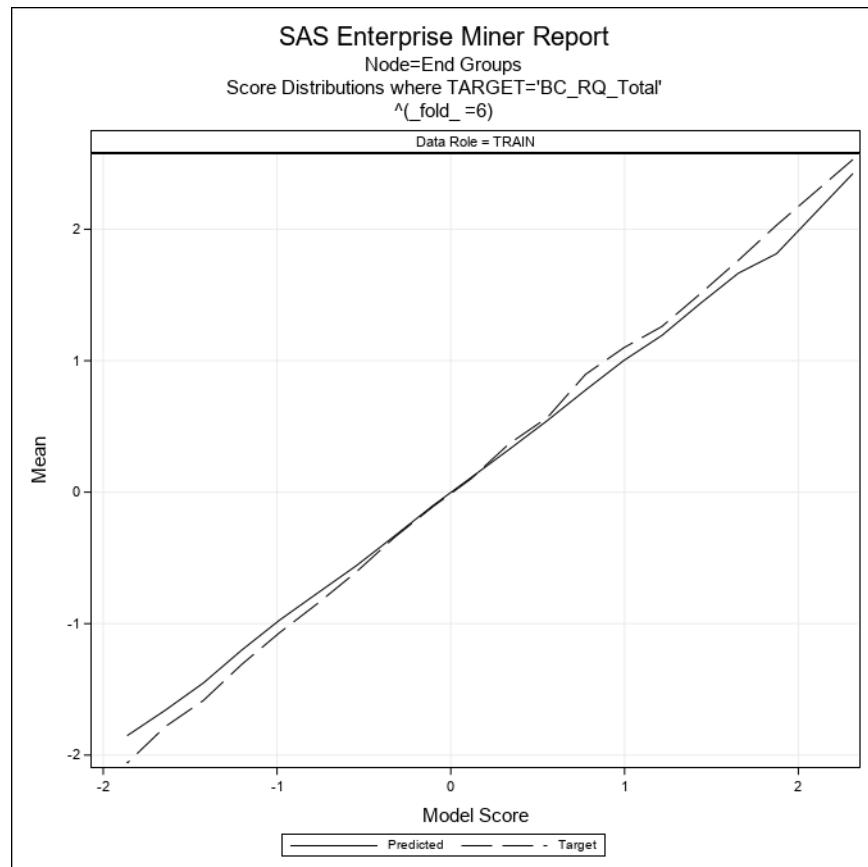
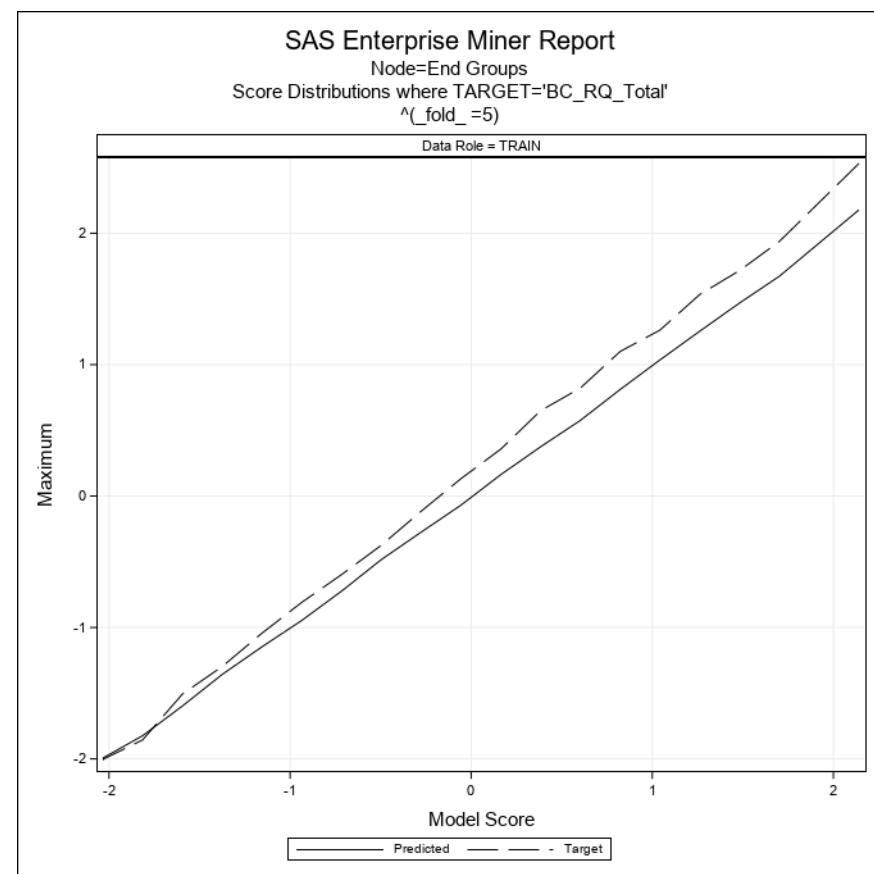


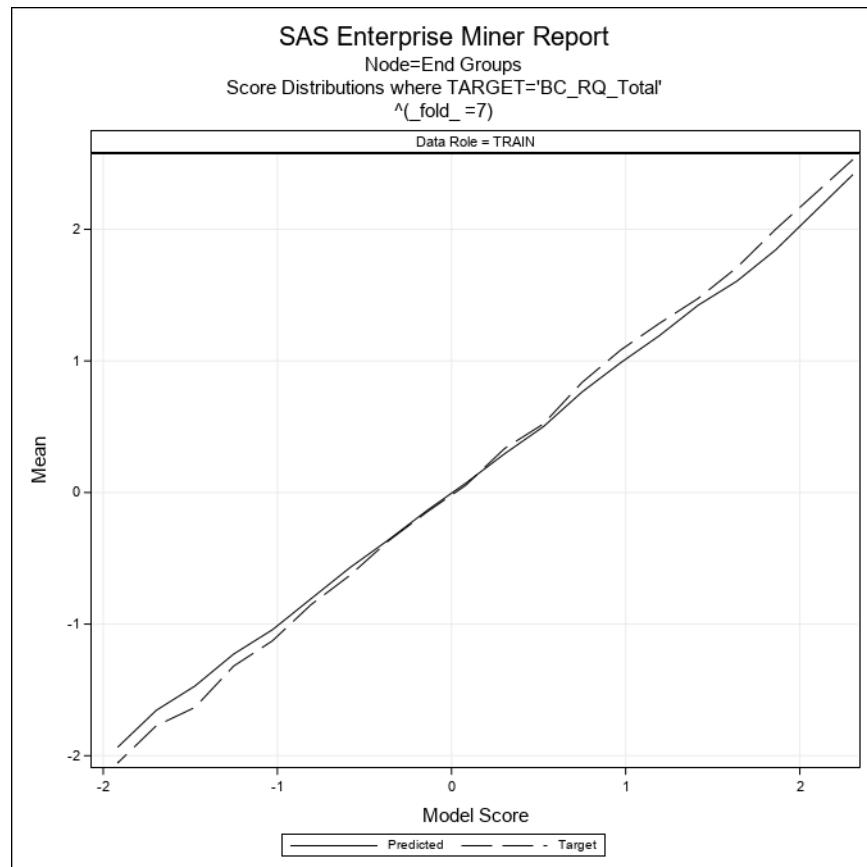
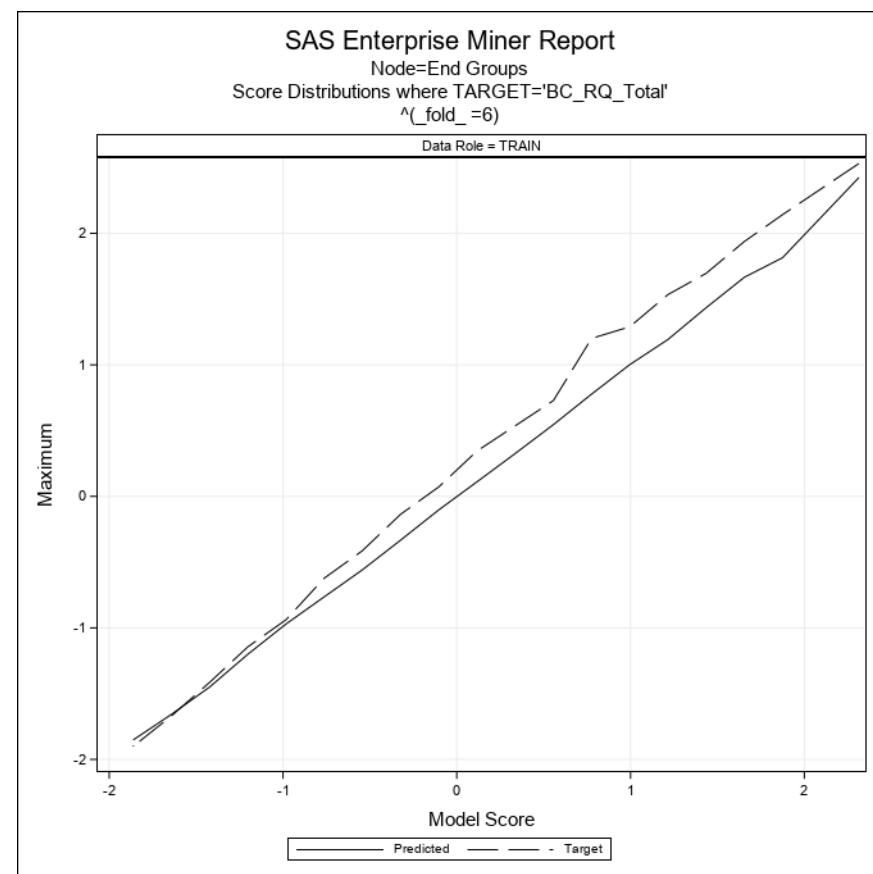


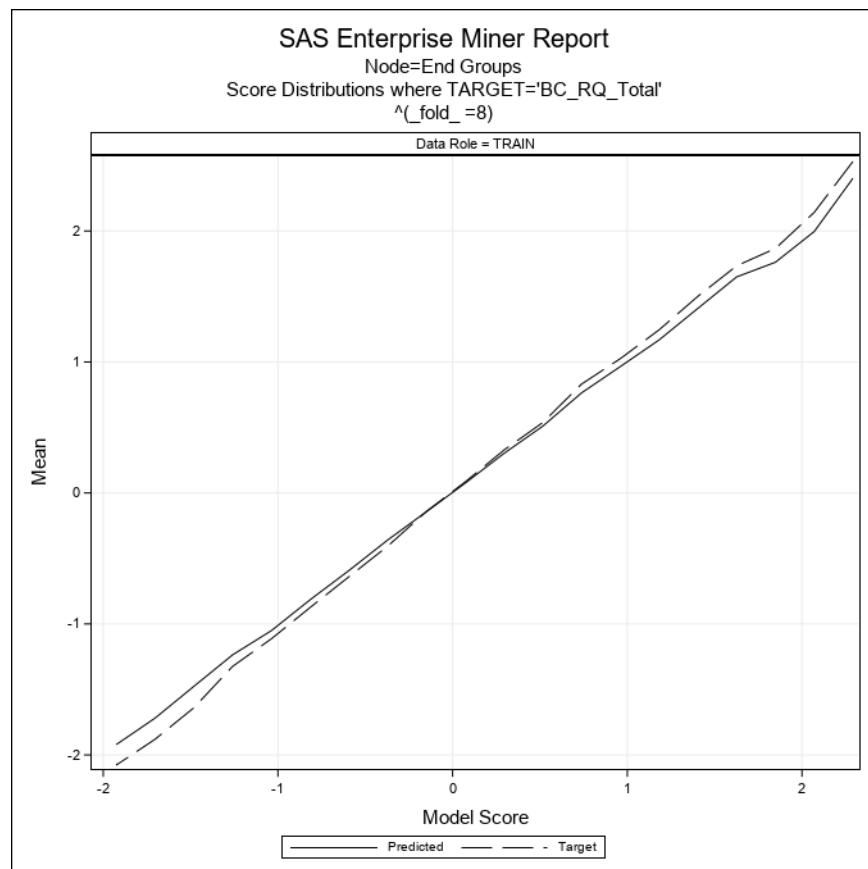
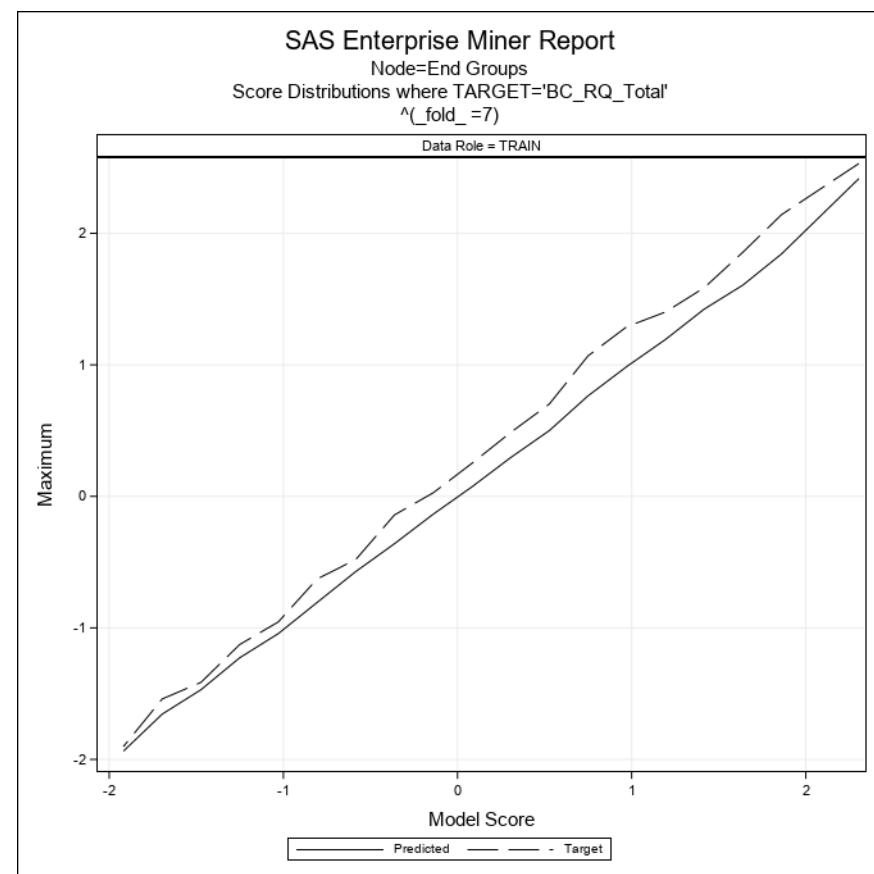


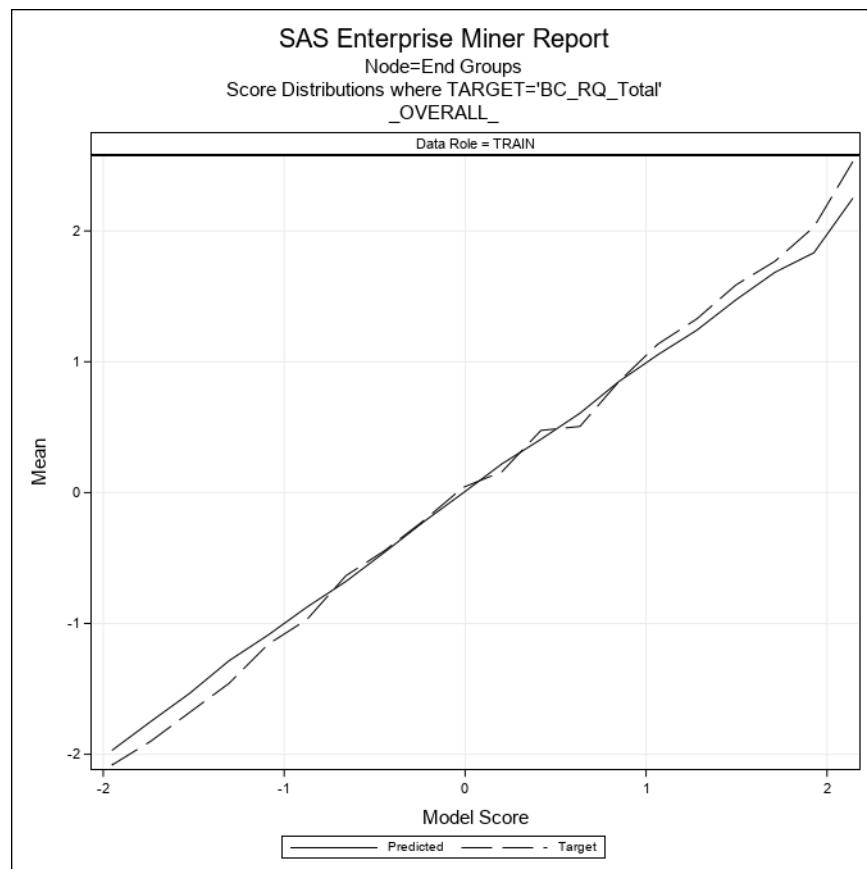
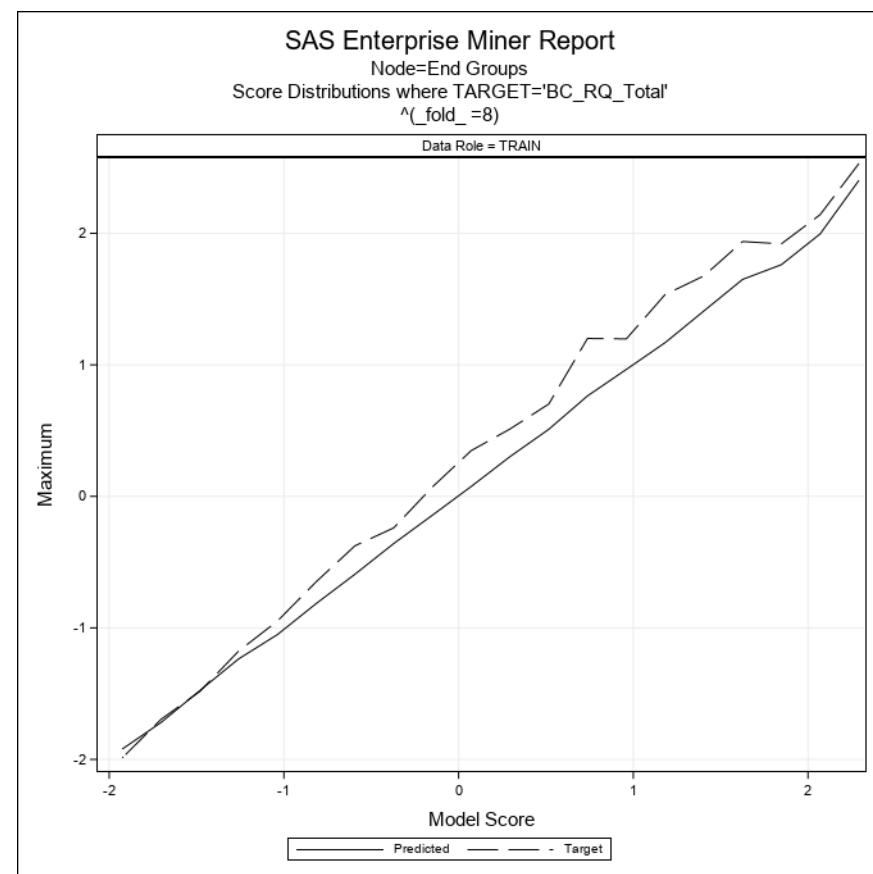














Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.030 - 2.246	2.24603	2.24603	2.24603	2.53080	2.53080	2.53080
1.814 - 2.030	1.89655	1.91492	1.87818	2.03067	2.14157	1.91976
1.598 - 1.814	1.68630	1.78410	1.59910	1.78284	1.93737	1.69572
1.382 - 1.598	1.47292	1.57023	1.38261	1.56013	1.76112	1.42447
1.166 - 1.382	1.27757	1.37585	1.17559	1.34431	1.53402	1.21608
0.950 - 1.166	1.06452	1.15829	0.95685	1.14028	1.28937	0.98677
0.734 - 0.950	0.83824	0.93199	0.74572	0.91868	1.14395	0.78645
0.518 - 0.734	0.60910	0.71229	0.52490	0.66152	0.89321	0.48813
0.302 - 0.518	0.42530	0.51281	0.32043	0.47229	0.72777	0.29246
0.085 - 0.302	0.19333	0.29522	0.09497	0.21497	0.38121	0.05364
-0.131 - 0.085	-0.02727	0.06598	-0.11844	-0.03396	0.11352	-0.17792
-0.347 - -0.131	-0.23477	-0.13229	-0.34080	-0.26149	-0.09689	-0.45401
-0.563 - -0.347	-0.46408	-0.35781	-0.55759	-0.49727	-0.13661	-0.82199
-0.779 - -0.563	-0.64634	-0.56594	-0.74197	-0.69831	-0.55186	-0.94872
-0.995 - -0.779	-0.88432	-0.77894	-0.97644	-0.94651	-0.75757	-1.12723
-1.211 - -0.995	-1.10267	-1.02944	-1.19860	-1.22464	-1.09122	-1.45147
-1.427 - -1.211	-1.32384	-1.24051	-1.41212	-1.44572	-1.29713	-1.61674
-1.643 - -1.427	-1.53609	-1.45510	-1.63625	-1.65360	-1.48341	-1.72334
-1.859 - -1.643	-1.77504	-1.64717	-1.85180	-1.91472	-1.75125	-2.12003
-2.075 - -1.859	-1.98444	-1.87396	-2.07512	-2.09596	-2.00400	-2.14837

Node=End Groups Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.168 - 2.390	2.39006	2.39006	2.39006	2.53080	2.53080	2.53080
1.945 - 2.168	1.97895	1.97895	1.97895	2.14157	2.14157	2.14157
1.723 - 1.945	1.77395	1.83326	1.72333	1.87275	1.93737	1.76112
1.500 - 1.723	1.62024	1.71900	1.54787	1.72962	1.85573	1.63467
1.278 - 1.500	1.41225	1.50008	1.27912	1.51871	1.69572	1.35740
1.055 - 1.278	1.16000	1.27492	1.06097	1.25956	1.53402	1.11309
0.833 - 1.055	0.95375	1.05247	0.84119	1.05027	1.29809	0.78030
0.610 - 0.833	0.74127	0.81863	0.61462	0.80396	0.98831	0.58917
0.388 - 0.610	0.50721	0.60419	0.40121	0.54368	0.72777	0.39206
0.165 - 0.388	0.27788	0.38685	0.17009	0.29820	0.51216	-0.02569
-0.057 - 0.165	0.05736	0.16206	-0.04043	0.04434	0.25085	-0.10239
-0.280 - -0.057	-0.16938	-0.06161	-0.27636	-0.17870	-0.02176	-0.36578
-0.502 - -0.280	-0.37769	-0.28173	-0.49981	-0.38684	-0.13661	-0.57481
-0.725 - -0.502	-0.62989	-0.52812	-0.71566	-0.65610	-0.54080	-0.82199
-0.947 - -0.725	-0.83513	-0.73106	-0.94098	-0.89355	-0.66623	-1.04523
-1.170 - -0.947	-1.06650	-0.98163	-1.14964	-1.15451	-0.96273	-1.37563
-1.392 - -1.170	-1.23582	-1.18312	-1.33688	-1.35797	-1.12700	-1.66999
-1.615 - -1.392	-1.51699	-1.40329	-1.58678	-1.63613	-1.48341	-1.75125
-1.837 - -1.615	-1.72950	-1.63956	-1.82586	-1.87143	-1.65597	-2.03918
-2.059 - -1.837	-1.97536	-1.92105	-2.05950	-2.10319	-2.00400	-2.14837

Node=End Groups Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.172 - 2.398	2.39759	2.39759	2.39759	2.53080	2.53080	2.53080
1.496 - 1.721	1.60110	1.71354	1.50144	1.71633	1.93737	1.58573
1.270 - 1.496	1.39331	1.46171	1.28661	1.46827	1.62835	1.33889
1.045 - 1.270	1.13625	1.22211	1.05534	1.23750	1.40120	1.08076
0.819 - 1.045	0.94356	1.03370	0.82067	1.03508	1.27377	0.78645
0.594 - 0.819	0.69803	0.81128	0.59630	0.75768	1.06762	0.44077
0.368 - 0.594	0.48164	0.58466	0.37272	0.51259	0.87701	0.31162
0.143 - 0.368	0.25240	0.36312	0.14849	0.30183	0.47402	0.11400
-0.083 - 0.143	0.01691	0.13587	-0.08171	0.00946	0.12536	-0.12851
-0.308 - -0.083	-0.18804	-0.08877	-0.30813	-0.19135	-0.04480	-0.43311
-0.534 - -0.308	-0.41581	-0.32616	-0.52349	-0.43214	-0.24082	-0.58179
-0.759 - -0.534	-0.63619	-0.54777	-0.75807	-0.66488	-0.53404	-0.91229
-0.985 - -0.759	-0.88386	-0.78323	-0.98057	-0.92912	-0.77132	-1.19363
-1.210 - -0.985	-1.10743	-1.02002	-1.20223	-1.21187	-1.09122	-1.36958
-1.436 - -1.210	-1.31547	-1.22135	-1.43566	-1.42074	-1.24826	-1.60552
-1.661 - -1.436	-1.56515	-1.49193	-1.65963	-1.67528	-1.54033	-1.77371
-1.887 - -1.661	-1.76480	-1.69065	-1.88452	-1.91363	-1.72334	-2.12003
-2.112 - -1.887	-1.96492	-1.88821	-2.11214	-2.09596	-2.00400	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.184 - 2.401	2.40139	2.40139	2.40139	2.53080	2.53080	2.53080
1.966 - 2.184	1.97016	1.97016	1.97016	2.14157	2.14157	2.14157
1.748 - 1.966	1.80273	1.80273	1.80273	1.91976	1.91976	1.91976
1.530 - 1.748	1.63701	1.74391	1.56205	1.71595	1.81338	1.62835
1.312 - 1.530	1.42454	1.51053	1.34739	1.52082	1.71614	1.35740
1.094 - 1.312	1.17780	1.25586	1.09967	1.26833	1.40120	1.11309
0.877 - 1.094	0.99705	1.08719	0.87980	1.08922	1.29809	0.93883
0.659 - 0.877	0.77791	0.85357	0.66983	0.86144	1.09353	0.60913
0.441 - 0.659	0.53570	0.64589	0.44429	0.56221	0.89675	0.34455
0.223 - 0.441	0.32311	0.43090	0.22333	0.36577	0.55336	0.25335
0.005 - 0.223	0.13069	0.21343	0.03350	0.12443	0.34447	-0.07650
-0.213 - 0.005	-0.08706	0.00225	-0.20535	-0.10316	0.07159	-0.35853
-0.430 - -0.213	-0.32964	-0.21481	-0.42797	-0.35235	-0.12240	-0.49605
-0.648 - -0.430	-0.53061	-0.43650	-0.63030	-0.55642	-0.14129	-0.77931
-0.866 - -0.648	-0.76662	-0.65989	-0.85890	-0.80864	-0.61792	-1.00612
-1.084 - -0.866	-0.99179	-0.86637	-1.08311	-1.08117	-0.93832	-1.24019
-1.302 - -1.084	-1.18521	-1.09117	-1.29948	-1.24947	-0.96273	-1.51040
-1.519 - -1.302	-1.41804	-1.31110	-1.50955	-1.53008	-1.31134	-1.71630
-1.737 - -1.519	-1.61736	-1.52462	-1.73553	-1.72249	-1.54033	-1.98839
-1.955 - -1.737	-1.85587	-1.75577	-1.95513	-2.04045	-1.85583	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.031 - 2.251	2.17765	2.25097	2.10433	2.33618	2.53080	2.14157
1.592 - 1.811	1.67247	1.76290	1.60213	1.80558	1.93737	1.69572
1.372 - 1.592	1.46911	1.55746	1.38571	1.56724	1.71614	1.35740
1.152 - 1.372	1.25455	1.36748	1.16866	1.34239	1.53402	1.19704
0.933 - 1.152	1.03589	1.15071	0.93298	1.10967	1.26278	0.98213
0.713 - 0.933	0.81108	0.92309	0.73503	0.87809	1.10018	0.68366
0.493 - 0.713	0.57587	0.71128	0.49741	0.59904	0.82183	0.46444
0.273 - 0.493	0.37480	0.49065	0.28309	0.41997	0.64939	0.25818
0.054 - 0.273	0.16286	0.26230	0.05964	0.17634	0.35694	-0.07650
-0.166 - 0.054	-0.06905	0.04794	-0.16492	-0.09103	0.13236	-0.25596
-0.386 - -0.166	-0.27436	-0.17292	-0.38463	-0.31102	-0.11530	-0.48044
-0.606 - -0.386	-0.48313	-0.40188	-0.58884	-0.52148	-0.37386	-0.65958
-0.825 - -0.606	-0.72337	-0.61030	-0.82304	-0.78096	-0.59748	-0.95512
-1.045 - -0.825	-0.94631	-0.84008	-1.03623	-1.00072	-0.80863	-1.19363
-1.265 - -1.045	-1.14685	-1.04832	-1.21947	-1.20927	-1.04319	-1.33329
-1.485 - -1.265	-1.35724	-1.27321	-1.46043	-1.49466	-1.29713	-1.75125
-1.704 - -1.485	-1.59765	-1.50530	-1.69881	-1.68453	-1.50677	-1.93471
-1.924 - -1.704	-1.82378	-1.70827	-1.92283	-1.99158	-1.85583	-2.12353
-2.144 - -1.924	-1.99382	-1.92784	-2.14386	-2.09898	-2.00400	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.204 - 2.424	2.42412	2.42412	2.42412	2.53080	2.53080	2.53080
1.765 - 1.985	1.81429	1.83751	1.79108	2.03067	2.14157	1.91976
1.545 - 1.765	1.66556	1.75466	1.57712	1.76364	1.93737	1.65154
1.325 - 1.545	1.43431	1.53516	1.32668	1.50839	1.69572	1.35740
1.105 - 1.325	1.19253	1.31992	1.10559	1.26055	1.53402	1.01263
0.885 - 1.105	1.00136	1.09383	0.88791	1.09832	1.28937	0.94902
0.666 - 0.885	0.77704	0.87173	0.68524	0.89631	1.20060	0.68366
0.446 - 0.666	0.54492	0.64190	0.44664	0.56755	0.72777	0.44077
0.226 - 0.446	0.32546	0.42896	0.23246	0.36857	0.53607	0.17993
0.006 - 0.226	0.11043	0.22540	0.00933	0.10124	0.34447	-0.12851
-0.214 - 0.006	-0.10293	0.00291	-0.20696	-0.11119	0.07159	-0.32382
-0.433 - -0.214	-0.33319	-0.21585	-0.42888	-0.34313	-0.13661	-0.53404
-0.653 - -0.433	-0.55889	-0.44795	-0.65238	-0.60638	-0.41331	-0.74820
-0.873 - -0.653	-0.76429	-0.66952	-0.85366	-0.84319	-0.62275	-1.04319
-1.093 - -0.873	-0.97082	-0.88116	-1.07501	-1.06644	-0.93832	-1.24019
-1.313 - -1.093	-1.20089	-1.12617	-1.28884	-1.30981	-1.14449	-1.60552
-1.532 - -1.313	-1.45004	-1.36305	-1.52596	-1.58322	-1.41445	-1.71804
-1.752 - -1.532	-1.65786	-1.58434	-1.74054	-1.78277	-1.66999	-1.98839
-1.972 - -1.752	-1.85210	-1.75769	-1.97206	-2.06062	-1.90123	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.194 - 2.416	2.41620	2.41620	2.41620	2.53080	2.53080	2.53080
1.749 - 1.972	1.84311	1.94938	1.75046	1.99957	2.14157	1.91976
1.527 - 1.749	1.60580	1.68608	1.52968	1.70954	1.85573	1.62035
1.305 - 1.527	1.42299	1.50082	1.30541	1.47477	1.58573	1.34601
1.083 - 1.305	1.19225	1.28975	1.10281	1.28564	1.40120	1.15495
0.860 - 1.083	0.98644	1.07740	0.87374	1.08295	1.28937	0.85413
0.638 - 0.860	0.76374	0.85386	0.63956	0.83621	1.06762	0.63866
0.416 - 0.638	0.49974	0.61564	0.41637	0.52089	0.70185	0.39206
0.194 - 0.416	0.29442	0.41261	0.21703	0.33442	0.48519	0.16629
-0.029 - 0.194	0.07193	0.18861	-0.02750	0.05556	0.25085	-0.12851
-0.251 - -0.029	-0.13581	-0.02901	-0.24674	-0.14705	0.02676	-0.32455
-0.473 - -0.251	-0.36013	-0.26496	-0.46775	-0.36743	-0.14129	-0.52192
-0.695 - -0.473	-0.57178	-0.47788	-0.68441	-0.63005	-0.48044	-0.87824
-0.918 - -0.695	-0.80712	-0.70029	-0.89621	-0.85224	-0.62872	-1.11799
-1.140 - -0.918	-1.04329	-0.92180	-1.13763	-1.12758	-0.95440	-1.33329
-1.362 - -1.140	-1.22756	-1.14109	-1.33990	-1.31899	-1.12700	-1.61674
-1.585 - -1.362	-1.47047	-1.36250	-1.57618	-1.63291	-1.41445	-1.93471
-1.807 - -1.585	-1.65548	-1.60797	-1.78280	-1.77265	-1.54033	-2.03918
-2.029 - -1.807	-1.93658	-1.85068	-2.02906	-2.05603	-1.90123	-2.14837

Node=End Groups Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.181 - 2.403	2.40259	2.40259	2.40259	2.53080	2.53080	2.53080
1.959 - 2.181	1.99549	1.99549	1.99549	2.14157	2.14157	2.14157
1.737 - 1.959	1.76133	1.76904	1.75361	1.86657	1.91976	1.81338
1.515 - 1.737	1.64948	1.73569	1.51579	1.73422	1.93737	1.62835
1.293 - 1.515	1.40926	1.49340	1.31555	1.50111	1.67589	1.39090
1.071 - 1.293	1.16818	1.27622	1.07289	1.24528	1.53402	0.98677
0.849 - 1.071	0.96496	1.06279	0.85177	1.02534	1.19704	0.78645
0.627 - 0.849	0.76390	0.84772	0.63224	0.83110	1.20060	0.60913
0.405 - 0.627	0.50989	0.62704	0.41139	0.53781	0.70185	0.33679
0.183 - 0.405	0.30196	0.40277	0.18768	0.32737	0.51216	0.07866
-0.039 - 0.183	0.07516	0.17751	-0.03801	0.08441	0.34779	-0.12851
-0.261 - -0.039	-0.14295	-0.04345	-0.25130	-0.14100	0.07159	-0.32455
-0.483 - -0.261	-0.35905	-0.26437	-0.47746	-0.40616	-0.23974	-0.58179
-0.705 - -0.483	-0.59244	-0.49654	-0.70020	-0.63985	-0.37628	-0.87824
-0.927 - -0.705	-0.81523	-0.71097	-0.92527	-0.87432	-0.64981	-1.11233
-1.148 - -0.927	-1.05115	-0.93040	-1.12168	-1.11367	-0.94838	-1.24826
-1.370 - -1.148	-1.23610	-1.14935	-1.35255	-1.32400	-1.17661	-1.54517
-1.592 - -1.370	-1.47676	-1.40233	-1.58568	-1.64027	-1.48341	-1.77371
-1.814 - -1.592	-1.71913	-1.61105	-1.79207	-1.88047	-1.69512	-2.12003
-2.036 - -1.814	-1.92109	-1.82554	-2.03620	-2.07767	-1.98818	-2.14837

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.035 - 2.251	2.25097	2.25097	2.25097	2.53080	2.53080	2.53080
1.820 - 2.035	1.83350	1.83751	1.82950	2.03067	2.14157	1.91976
1.604 - 1.820	1.68384	1.76595	1.60633	1.76813	1.93737	1.62835
1.389 - 1.604	1.47349	1.56519	1.39676	1.58711	1.76112	1.42447
1.173 - 1.389	1.24201	1.38825	1.17684	1.32854	1.44711	1.19704
0.958 - 1.173	1.05432	1.16000	0.97859	1.13508	1.40120	0.98677
0.742 - 0.958	0.84919	0.94797	0.74596	0.84889	1.06762	-0.65958
0.527 - 0.742	0.60679	0.72991	0.52781	0.50574	1.85573	-1.71804
0.311 - 0.527	0.40744	0.52490	0.31255	0.47537	1.63467	-0.43311
0.096 - 0.311	0.21970	0.30691	0.10428	0.15976	0.47450	-1.37563
-0.120 - 0.096	-0.00338	0.09052	-0.10623	0.03921	0.99305	-0.52192
-0.335 - -0.120	-0.22166	-0.12852	-0.33091	-0.21260	1.27892	-2.03918
-0.551 - -0.335	-0.45357	-0.35852	-0.54492	-0.44172	0.11352	-0.64573
-0.766 - -0.551	-0.67868	-0.58624	-0.74876	-0.63482	1.14395	-0.94872
-0.982 - -0.766	-0.87493	-0.76706	-0.98163	-0.96977	-0.75757	-1.65597
-1.197 - -0.982	-1.08939	-0.98361	-1.18530	-1.15995	-0.55186	-1.72334
-1.413 - -1.197	-1.28541	-1.21306	-1.38976	-1.45840	-1.24826	-1.66999
-1.628 - -1.413	-1.53219	-1.43312	-1.61093	-1.67817	-1.48341	-1.93471
-1.844 - -1.628	-1.74854	-1.66397	-1.81398	-1.89919	-1.71795	-2.12003
-2.059 - -1.844	-1.97019	-1.85180	-2.05950	-2.08249	-1.98818	-2.14837

Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	339
2	^(fold_=2)	349
3	^(fold_=3)	339
4	^(fold_=4)	344
5	^(fold_=5)	343
6	^(fold_=6)	336
7	^(fold_=7)	349
8	^(fold_=8)	352

SAS Enterprise Miner Report

Node=Gradient Boosting Summary

Node id = Boost3
 Node label = Gradient Boosting
 Meta path = Ids => Trans => Grp8 => Boost3
 Notes =

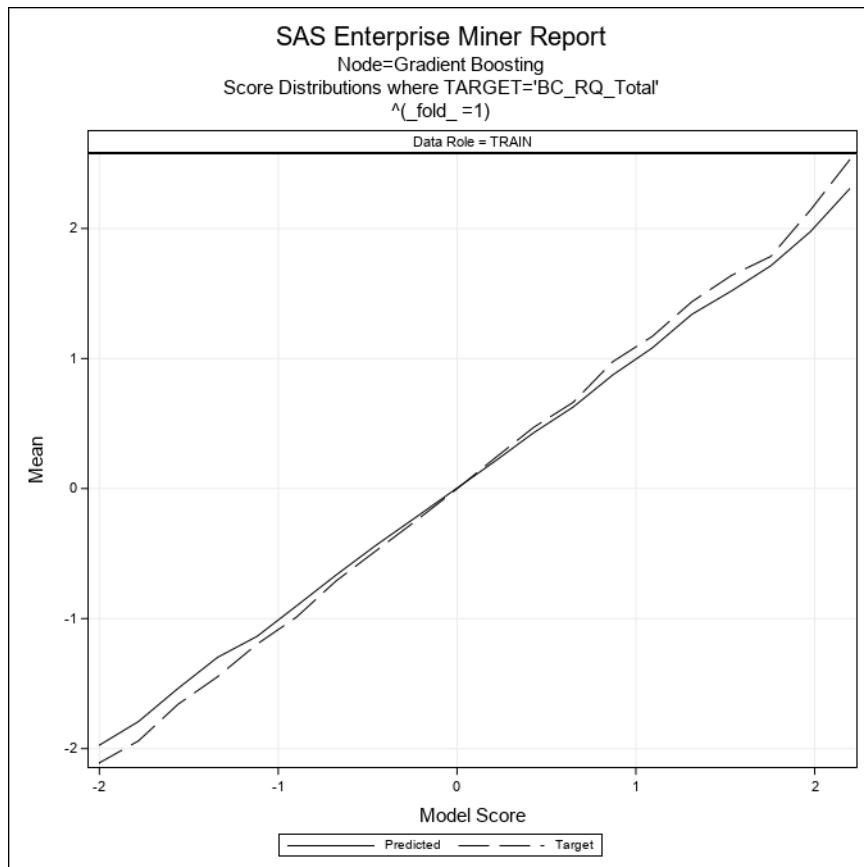
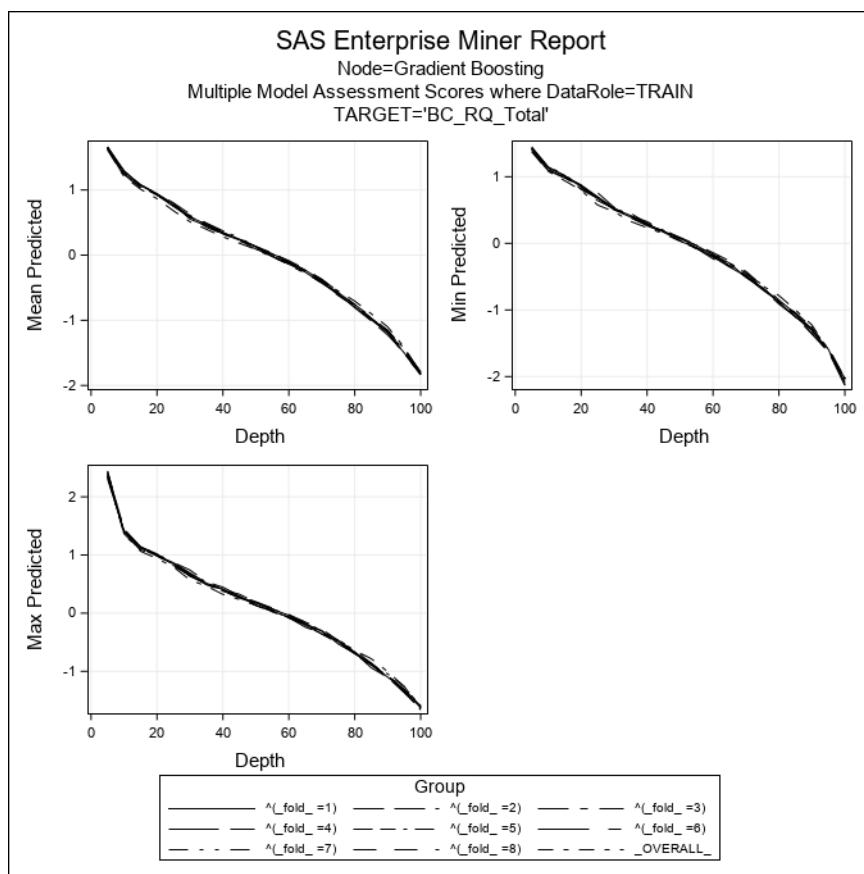
Node=Gradient Boosting Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	3	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	6	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	1	
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	0.1	
Huber	NO		NSurrs	0		SplitSize	.	
IntervalBins	100		NodeSize	20000		SubSeries	BEST	
IterationNum	1		NumPairImp	0		ToolType	MODEL	
Iterations	50		NumSingleImp	5		TrainProportion	60	
LeafFraction	0.001		ObsImportance	Y	N	VarSelection	N	Y

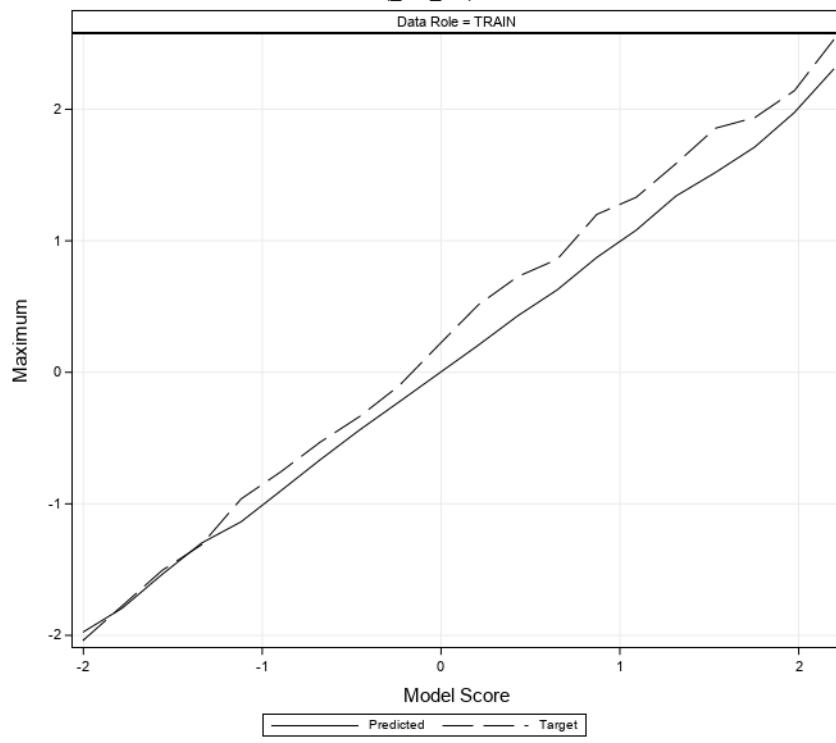
Node=Gradient Boosting Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

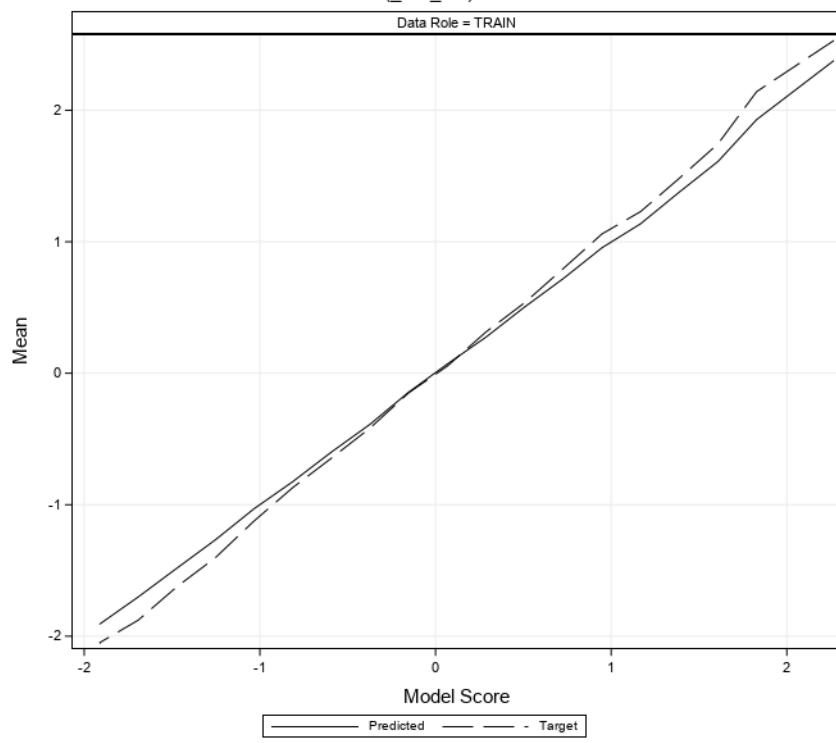
Group Index	Group	Train:		Sum of Case Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for Freedom	Train: Degrees of Freedom	Train: Total Target Label
		Train: Target Variable	Train: Sum of Frequencies								
1	^(fold_=1)	BC_RQ_Total	353	353	0.32981	4.1824	0.01185	0.10885	353	353	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	341	341	0.38129	4.8866	0.01433	0.11971	341	341	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	351	351	0.35789	5.2062	0.01483	0.12179	351	351	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	355	355	0.31886	4.8571	0.01368	0.11697	355	355	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	358	358	0.37190	5.0829	0.01420	0.11916	358	358	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Total	351	351	0.42092	4.9692	0.01416	0.11898	351	351	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Total	345	345	0.48754	5.2443	0.01520	0.12329	345	345	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Total	341	341	0.28388	3.9950	0.01172	0.10824	341	341	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Total	393	.	2.44614	52.3165	0.13312	0.36486	393	.	ReQuest (total score) (Box-Cox transformed)



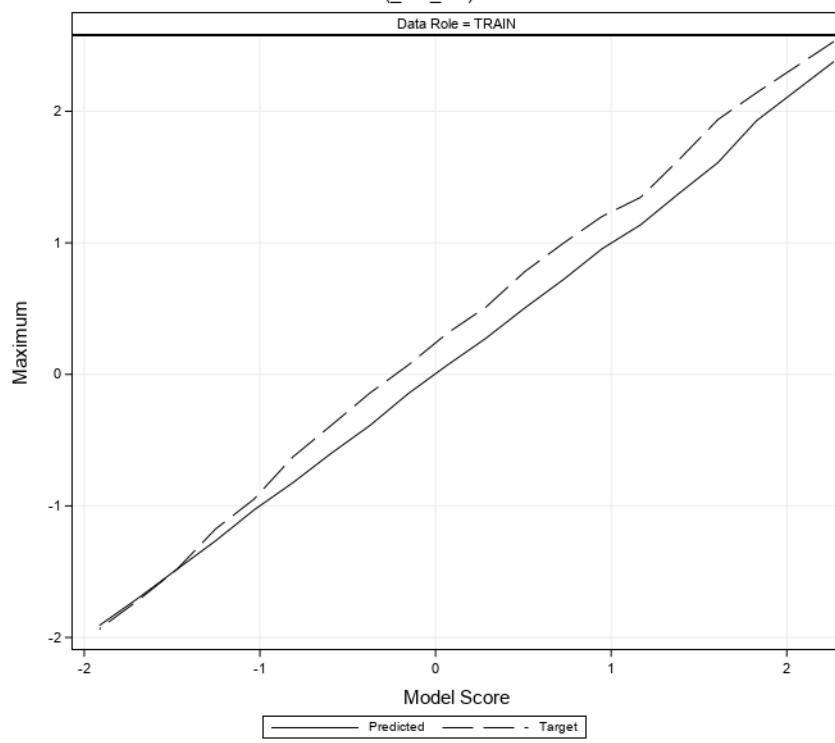
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=1)



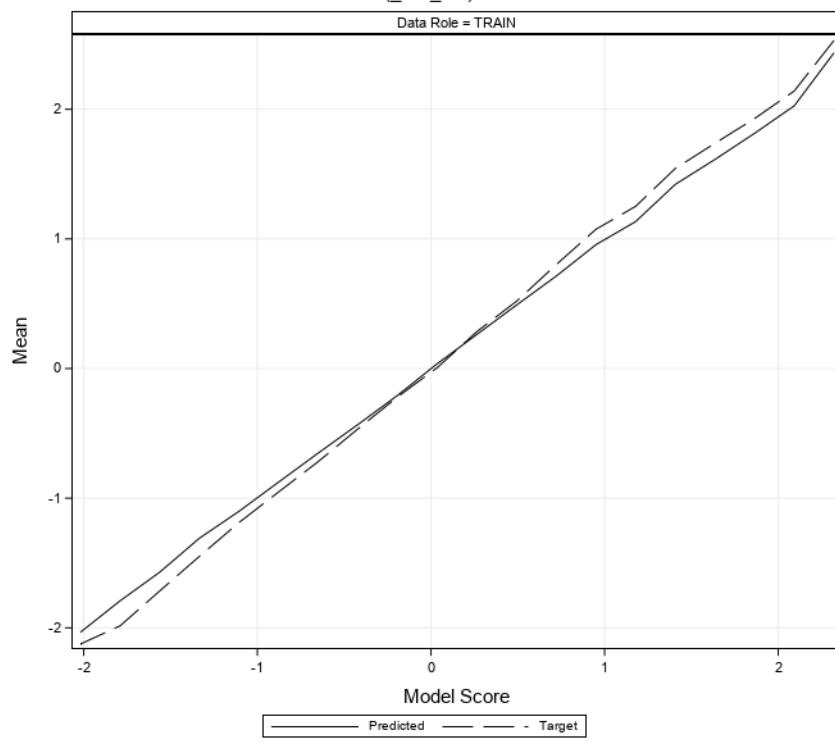
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)



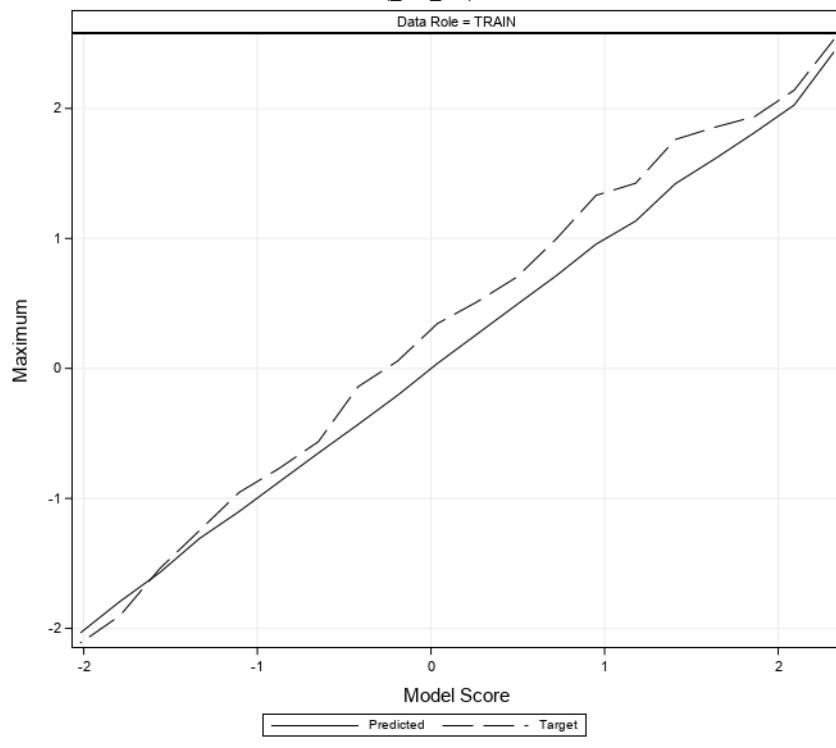
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)



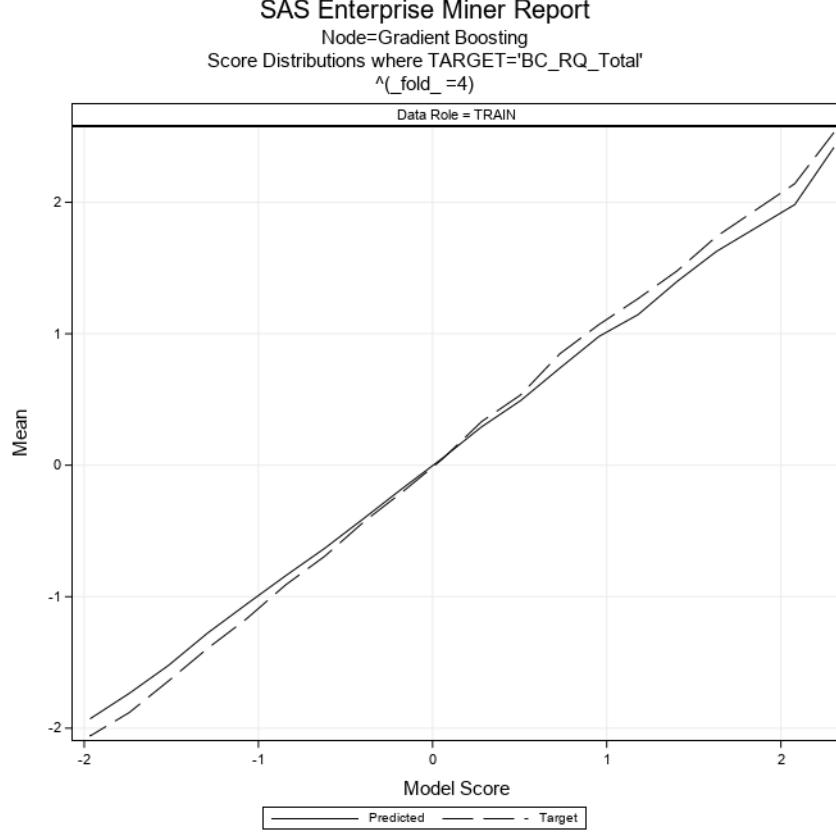
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)

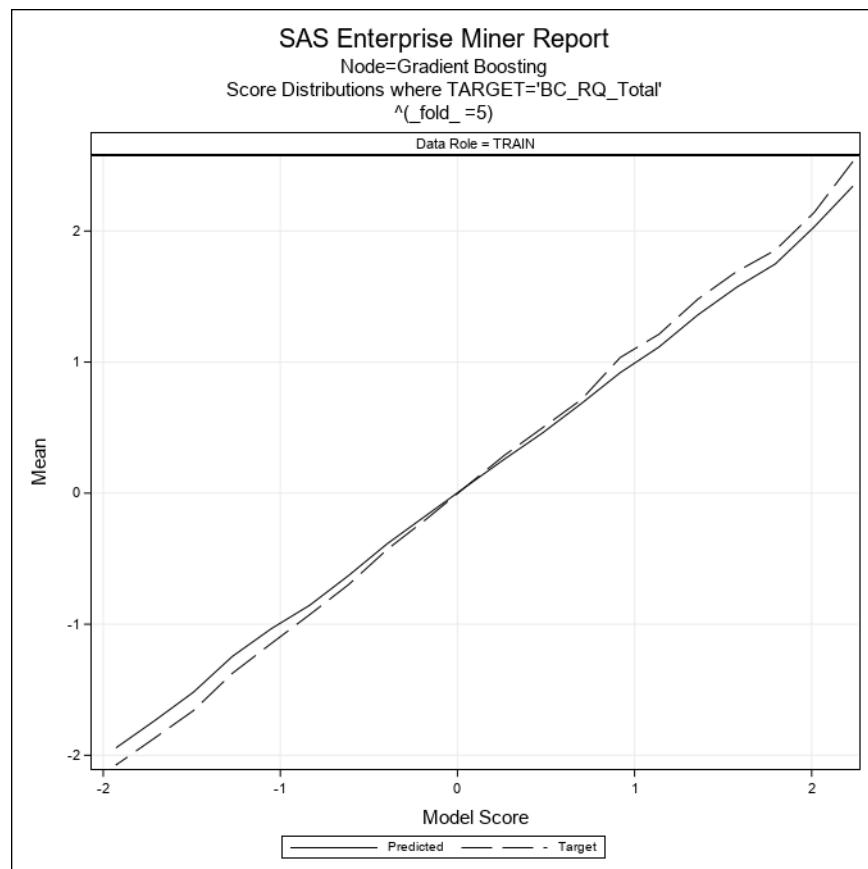
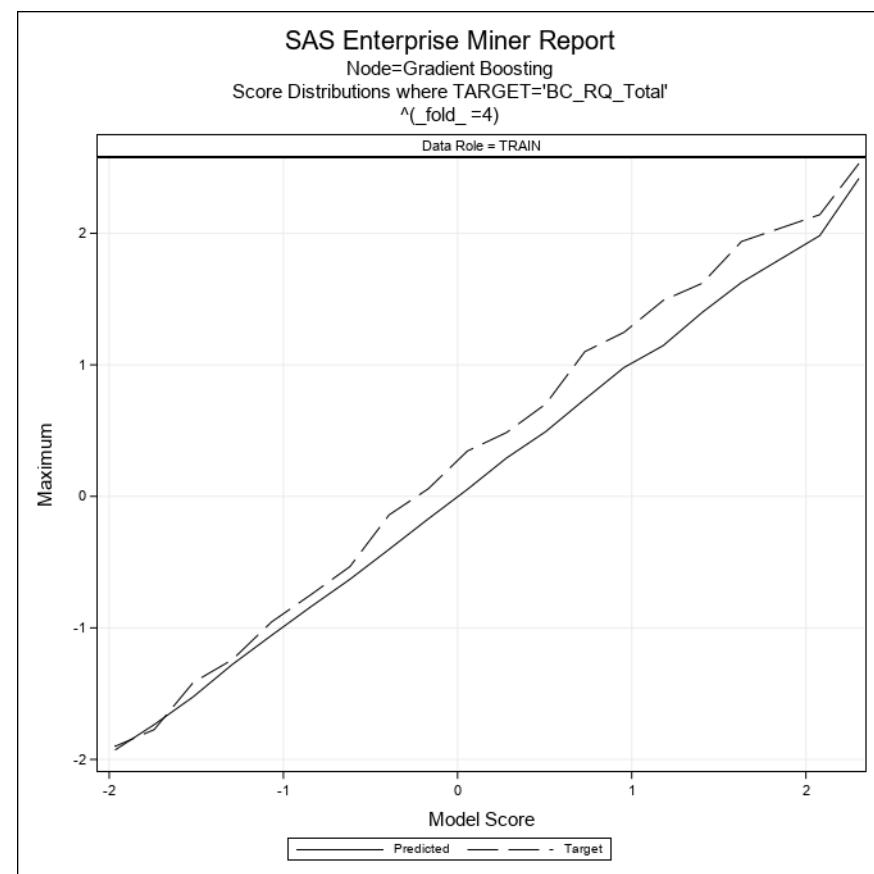


SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)

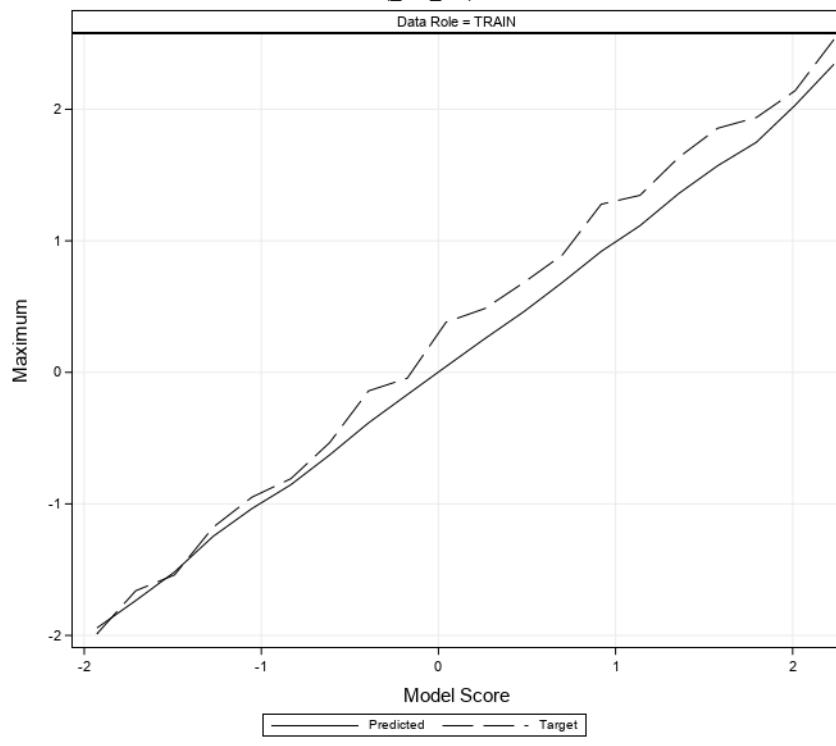


SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=4)

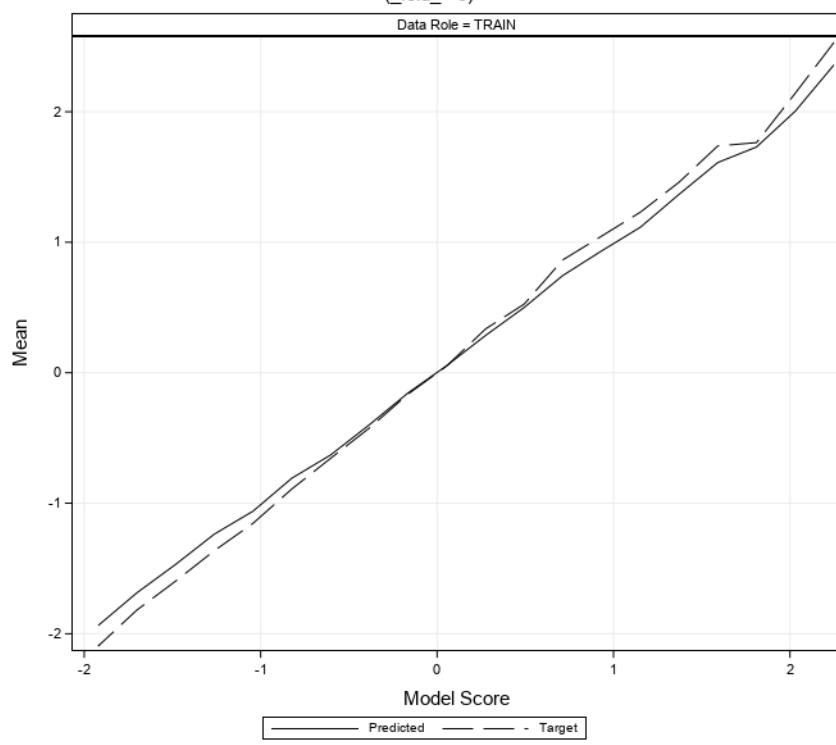




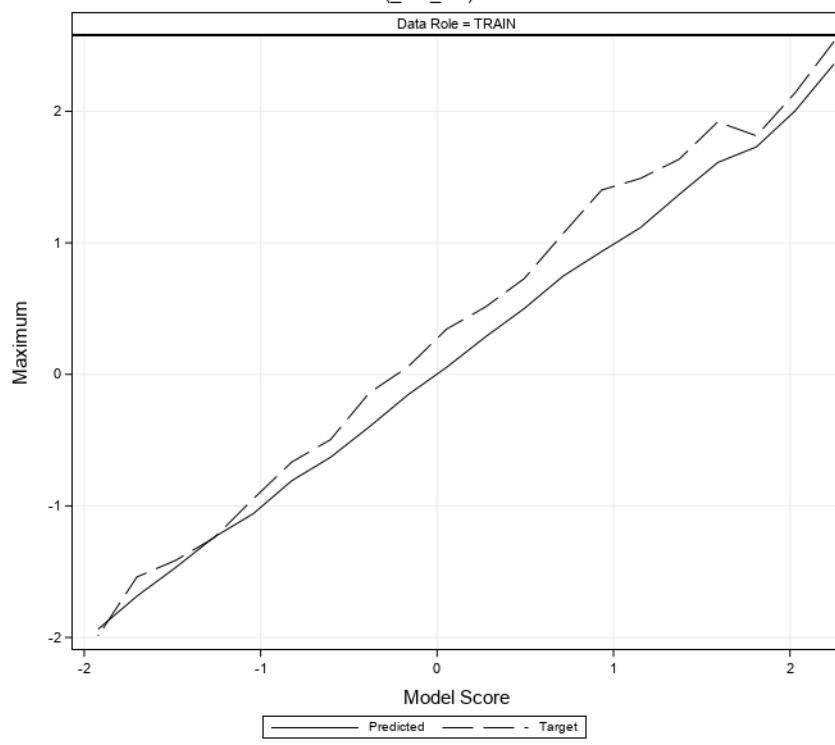
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=5)



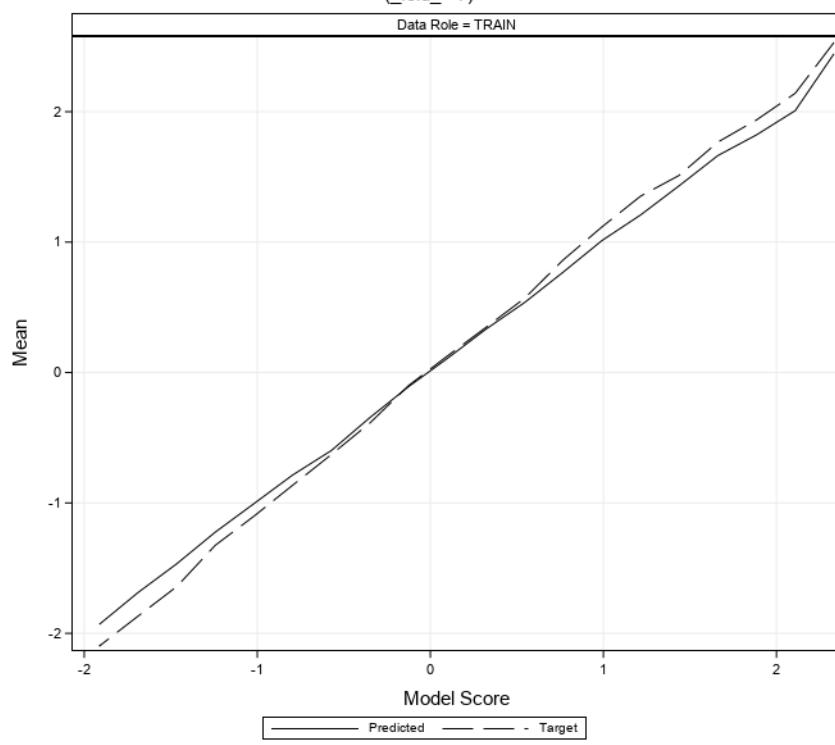
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)



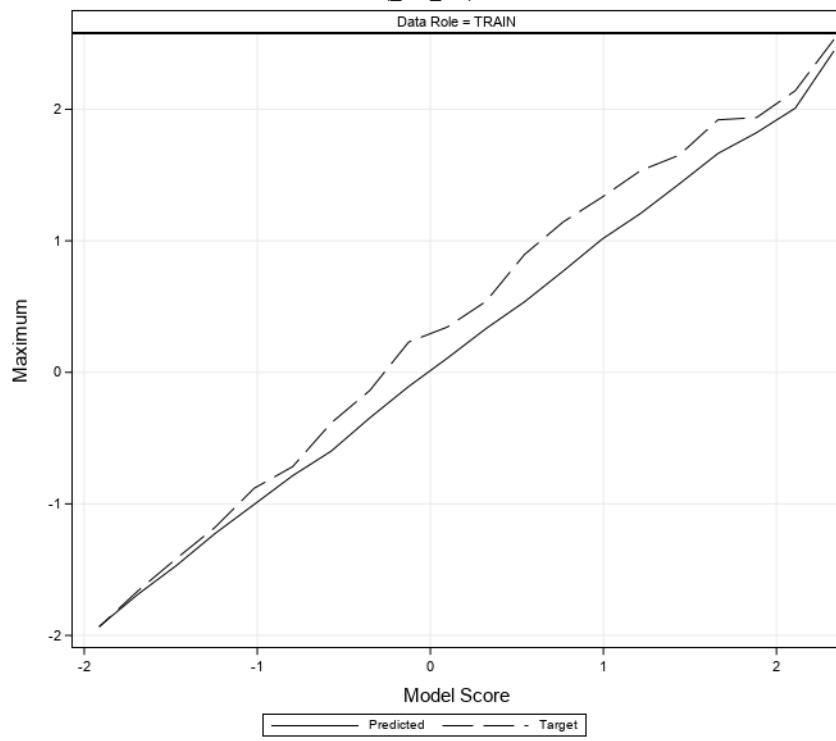
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)



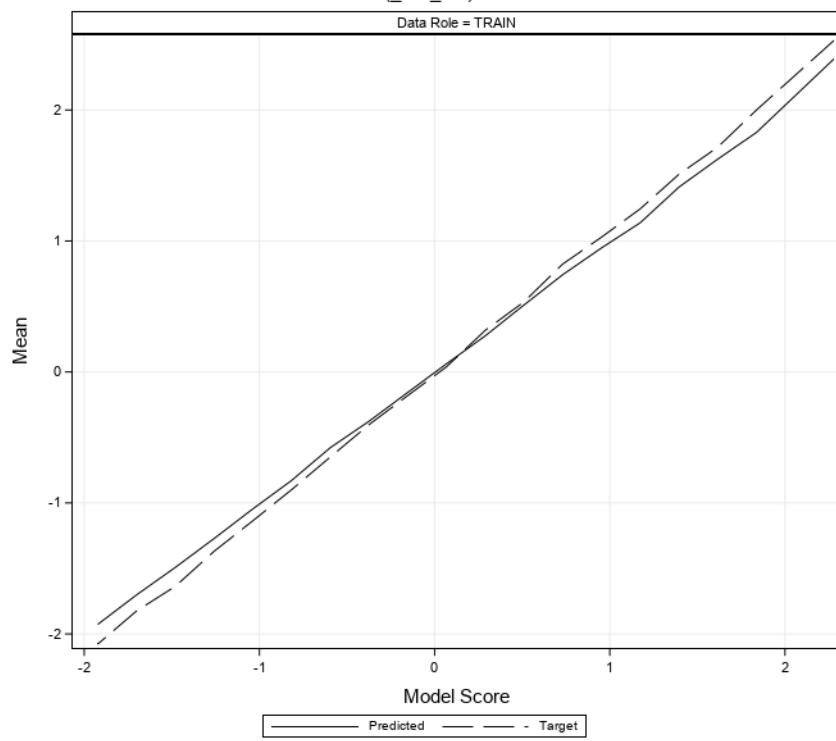
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)



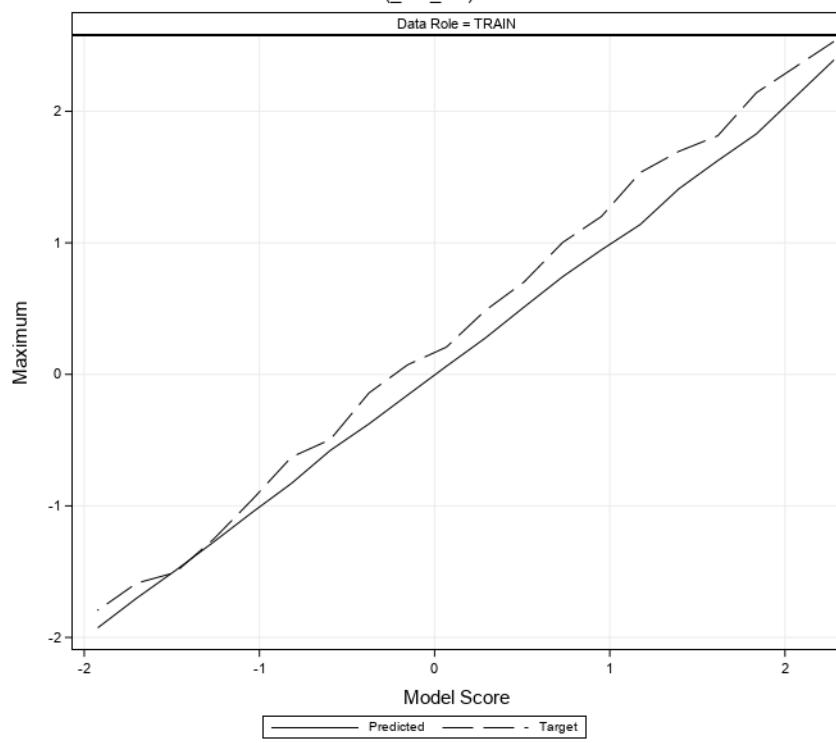
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)



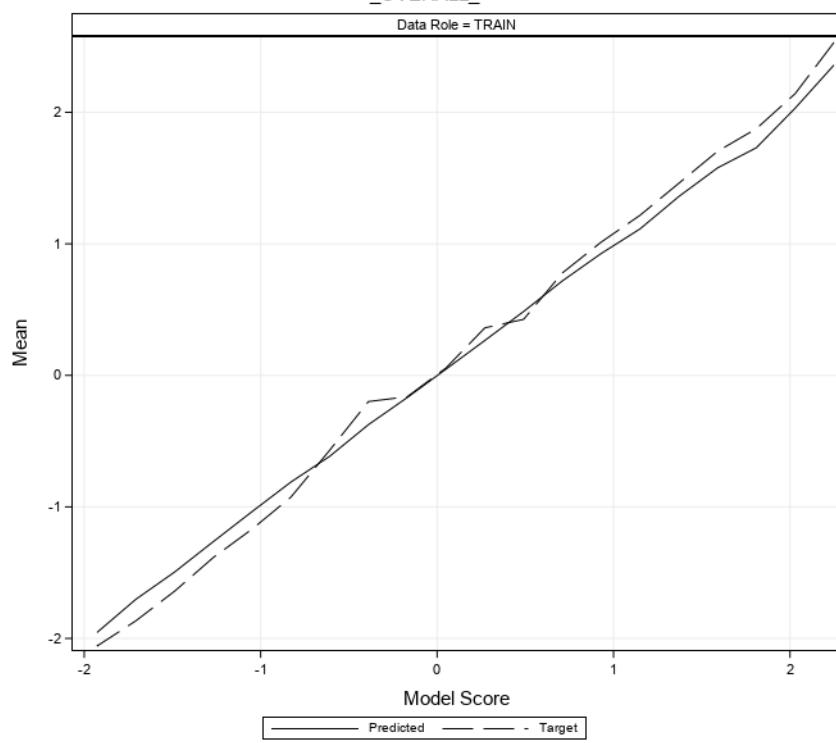
SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=8)

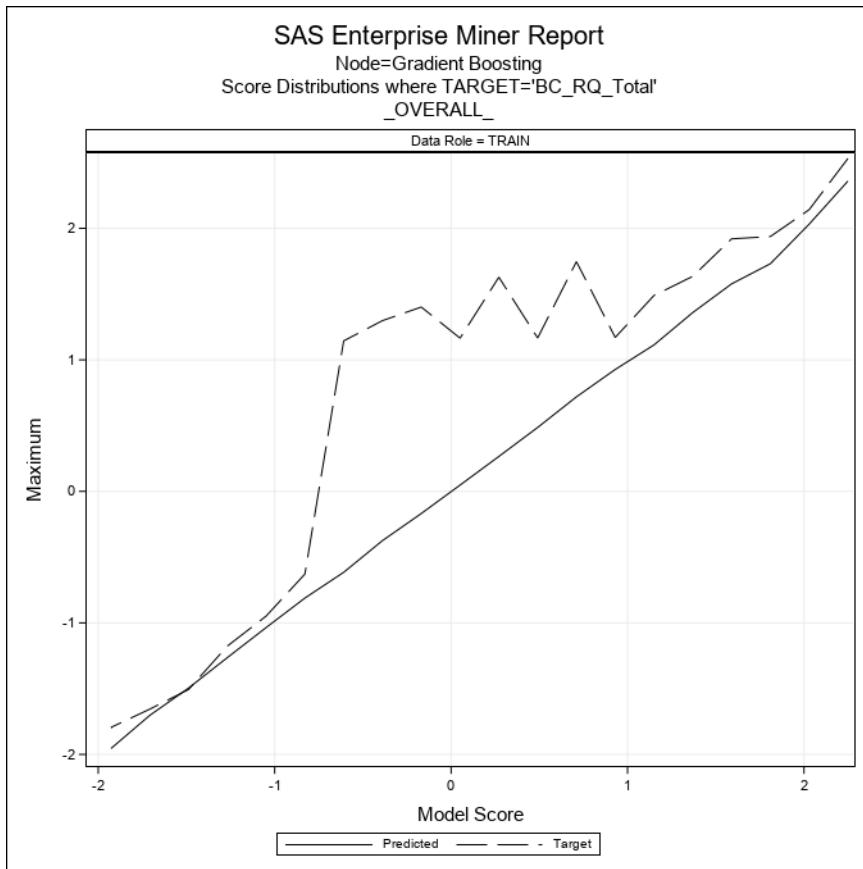


SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=8)



SAS Enterprise Miner Report
Node=Gradient Boosting
Score Distributions where TARGET='BC_RQ_Total'
OVERALL





Node=Gradient Boosting Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.086 - 2.308	2.30753	2.30753	2.30753	2.53080	2.53080	2.53080
1.865 - 2.086	1.97570	1.97570	1.97570	2.14157	2.14157	2.14157
1.644 - 1.865	1.71382	1.77047	1.65471	1.78569	1.93737	1.71506
1.423 - 1.644	1.51906	1.62497	1.42858	1.63855	1.85573	1.48934
1.202 - 1.423	1.33972	1.41843	1.20664	1.43632	1.58573	1.21608
0.981 - 1.202	1.08166	1.19193	0.98359	1.17031	1.33127	0.98677
0.760 - 0.981	0.87374	0.97744	0.77799	0.97572	1.20060	0.78645
0.539 - 0.760	0.62734	0.75863	0.53942	0.66326	0.85963	0.44077
0.318 - 0.539	0.42964	0.52046	0.32997	0.47122	0.72777	0.31162
0.097 - 0.318	0.20577	0.29866	0.09846	0.22999	0.51216	-0.03609
-0.124 - 0.097	-0.00916	0.08830	-0.12254	-0.01637	0.20746	-0.21219
-0.345 - -0.124	-0.22454	-0.12671	-0.34203	-0.25228	-0.10148	-0.45401
-0.566 - -0.345	-0.43800	-0.34995	-0.55549	-0.48095	-0.33564	-0.64573
-0.787 - -0.566	-0.66503	-0.57313	-0.78487	-0.71028	-0.53127	-0.91229
-1.008 - -0.787	-0.90216	-0.79937	-0.99566	-0.98818	-0.75757	-1.24019
-1.229 - -1.008	-1.13664	-1.00894	-1.21817	-1.19658	-0.96273	-1.37563
-1.450 - -1.229	-1.29817	-1.23664	-1.44066	-1.44740	-1.31134	-1.61674
-1.671 - -1.450	-1.53724	-1.47070	-1.62306	-1.65935	-1.50677	-1.75125
-1.892 - -1.671	-1.79176	-1.68016	-1.85514	-1.94058	-1.77371	-2.12003
-2.113 - -1.892	-1.97556	-1.90243	-2.11300	-2.11128	-2.03918	-2.14837

Node=Gradient Boosting Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.158 - 2.378	2.37834	2.37834	2.37834	2.53080	2.53080	2.53080
1.718 - 1.938	1.92896	1.92896	1.92896	2.14157	2.14157	2.14157
1.498 - 1.718	1.61035	1.69727	1.49981	1.74444	1.93737	1.62035
1.278 - 1.498	1.37768	1.49133	1.27862	1.48271	1.63467	1.35740
1.058 - 1.278	1.13718	1.24344	1.05892	1.22981	1.34601	1.04524
0.838 - 1.058	0.95432	1.05771	0.84042	1.05954	1.20060	0.85413
0.618 - 0.838	0.72027	0.83537	0.62753	0.79660	0.99693	0.58260
0.398 - 0.618	0.50414	0.61171	0.40446	0.53681	0.78030	0.34274
0.178 - 0.398	0.27482	0.39020	0.17906	0.31435	0.51216	-0.03609
-0.043 - 0.178	0.07039	0.17695	-0.04000	0.05465	0.31280	-0.17792
-0.263 - -0.043	-0.14374	-0.04443	-0.22038	-0.14875	0.07301	-0.32382
-0.483 - -0.263	-0.38792	-0.27454	-0.48083	-0.41678	-0.14129	-0.61792
-0.703 - -0.483	-0.59929	-0.48767	-0.68269	-0.64591	-0.38667	-0.85695
-0.923 - -0.703	-0.82447	-0.70874	-0.91206	-0.86972	-0.62872	-1.00612
-1.143 - -0.923	-1.03034	-0.93764	-1.13274	-1.12357	-0.94838	-1.33329
-1.363 - -1.143	-1.26657	-1.14634	-1.36124	-1.40218	-1.17661	-1.69512
-1.583 - -1.363	-1.48312	-1.38331	-1.57959	-1.62438	-1.48341	-1.71804
-1.803 - -1.583	-1.70189	-1.62314	-1.77505	-1.87843	-1.71795	-2.12003
-2.023 - -1.803	-1.90883	-1.83500	-2.02327	-2.05009	-1.93471	-2.14837

Node=Gradient Boosting Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.207 - 2.435	2.43505	2.43505	2.43505	2.53080	2.53080	2.53080
1.978 - 2.207	2.02692	2.02692	2.02692	2.14157	2.14157	2.14157
1.750 - 1.978	1.81486	1.81598	1.81375	1.92857	1.93737	1.91976
1.521 - 1.750	1.61287	1.68434	1.52697	1.73796	1.85573	1.65154
1.293 - 1.521	1.42066	1.51999	1.29769	1.54350	1.76112	1.35740
1.065 - 1.293	1.13369	1.28834	1.06825	1.25142	1.42447	0.99406
0.836 - 1.065	0.95561	1.05398	0.84480	1.07436	1.33127	0.82445
0.608 - 0.836	0.71361	0.82149	0.60992	0.80216	0.99693	0.58260
0.379 - 0.608	0.49018	0.59384	0.38501	0.51990	0.70185	0.32170
0.151 - 0.379	0.26375	0.37262	0.15812	0.28578	0.51216	-0.02569
-0.078 - 0.151	0.03786	0.14729	-0.07626	0.00739	0.34447	-0.23328
-0.306 - -0.078	-0.20620	-0.08478	-0.29688	-0.21872	0.05719	-0.45401
-0.534 - -0.306	-0.43143	-0.30635	-0.52286	-0.46506	-0.14129	-0.87824
-0.763 - -0.534	-0.65133	-0.55895	-0.74461	-0.71713	-0.56369	-0.88221
-0.991 - -0.763	-0.87562	-0.77070	-0.98098	-0.95162	-0.77132	-1.22281
-1.220 - -0.991	-1.10126	-0.99706	-1.20335	-1.18778	-0.95440	-1.44120
-1.448 - -1.220	-1.30925	-1.22235	-1.42844	-1.44928	-1.24826	-1.68223
-1.677 - -1.448	-1.57094	-1.44973	-1.67386	-1.71559	-1.54033	-1.91626
-1.905 - -1.677	-1.79215	-1.70467	-1.90313	-1.98498	-1.90123	-2.03918
-2.133 - -1.905	-2.03457	-1.93124	-2.13336	-2.12570	-2.11306	-2.14837

Node=Gradient Boosting Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.192 - 2.417	2.41691	2.41691	2.41691	2.53080	2.53080	2.53080
1.967 - 2.192	1.98245	1.98245	1.98245	2.14157	2.14157	2.14157
1.518 - 1.742	1.62610	1.72476	1.52883	1.73973	1.93737	1.49995
1.293 - 1.518	1.39897	1.47751	1.30084	1.47925	1.62035	1.33889
1.068 - 1.293	1.14597	1.27915	1.06872	1.26750	1.48934	1.08830
0.843 - 1.068	0.97956	1.06501	0.85079	1.06997	1.24703	0.83823
0.618 - 0.843	0.73865	0.83299	0.63266	0.84770	1.10018	0.58917
0.394 - 0.618	0.49209	0.61137	0.40330	0.53500	0.70185	0.33679
0.169 - 0.394	0.29155	0.39273	0.17889	0.33151	0.48519	0.11400
-0.056 - 0.169	0.05299	0.16753	-0.05179	0.04644	0.34447	-0.12851
-0.281 - -0.056	-0.17151	-0.05888	-0.27518	-0.19841	0.05719	-0.43311
-0.506 - -0.281	-0.40289	-0.28310	-0.50215	-0.42897	-0.14129	-0.71719
-0.730 - -0.506	-0.63060	-0.51910	-0.71825	-0.69132	-0.53404	-0.95512
-0.955 - -0.730	-0.83983	-0.74329	-0.94151	-0.90951	-0.74820	-1.04523
-1.180 - -0.955	-1.05644	-0.96184	-1.17309	-1.16742	-0.95440	-1.45147
-1.405 - -1.180	-1.27725	-1.20035	-1.36436	-1.39414	-1.24107	-1.54517
-1.630 - -1.405	-1.52349	-1.40543	-1.61873	-1.64213	-1.41445	-1.85583
-1.854 - -1.630	-1.73567	-1.68039	-1.80062	-1.88151	-1.77371	-1.98818
-2.079 - -1.854	-1.92886	-1.85645	-2.07929	-2.06005	-1.90123	-2.14837

Node=Gradient Boosting Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.123 - 2.342	2.34245	2.34245	2.34245	2.53080	2.53080	2.53080
1.904 - 2.123	2.03129	2.03129	2.03129	2.14157	2.14157	2.14157
1.685 - 1.904	1.74924	1.81201	1.70163	1.85425	1.93737	1.74649
1.466 - 1.685	1.57055	1.63324	1.50857	1.69036	1.85573	1.54488
1.247 - 1.466	1.35978	1.45753	1.25263	1.47961	1.63467	1.35740
1.028 - 1.247	1.11525	1.23126	1.03491	1.21278	1.34601	0.99305
0.809 - 1.028	0.91937	1.02530	0.81412	1.03494	1.27810	0.78873
0.590 - 0.809	0.68409	0.80297	0.59611	0.71432	0.89321	0.49766
0.371 - 0.590	0.46010	0.58926	0.38252	0.49932	0.68168	0.32170
0.152 - 0.371	0.25623	0.36782	0.15978	0.28533	0.48519	0.07159
-0.067 - 0.152	0.04445	0.14542	-0.06260	0.04462	0.38121	-0.10239
-0.286 - -0.067	-0.16955	-0.07405	-0.28037	-0.19847	-0.04480	-0.43311
-0.505 - -0.286	-0.38446	-0.29173	-0.50434	-0.42775	-0.14129	-0.64573
-0.724 - -0.505	-0.62783	-0.50723	-0.70425	-0.69727	-0.53404	-0.91229
-0.943 - -0.724	-0.85415	-0.72768	-0.93704	-0.92561	-0.80863	-1.04523
-1.162 - -0.943	-1.03500	-0.96100	-1.15948	-1.14806	-0.94838	-1.44120
-1.381 - -1.162	-1.24588	-1.16556	-1.37096	-1.37483	-1.17661	-1.61674
-1.600 - -1.381	-1.51791	-1.39881	-1.59003	-1.65858	-1.54033	-1.75125
-1.819 - -1.600	-1.73525	-1.62532	-1.81426	-1.86785	-1.66047	-2.12003
-2.038 - -1.819	-1.94355	-1.86396	-2.03775	-2.07473	-1.98818	-2.14837

Node=Gradient Boosting Score Distributions

Group=_fold_=6 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.140 - 2.359	2.35899	2.35899	2.35899	2.53080	2.53080	2.53080
1.920 - 2.140	2.00395	2.00395	2.00395	2.14157	2.14157	2.14157
1.701 - 1.920	1.72990	1.75881	1.71082	1.76355	1.81338	1.71614
1.481 - 1.701	1.61064	1.66656	1.49660	1.73793	1.91976	1.62035
1.262 - 1.481	1.36697	1.45085	1.28129	1.45991	1.63467	1.33889
1.042 - 1.262	1.11475	1.23260	1.04378	1.23021	1.48934	1.11309
0.823 - 1.042	0.93349	1.02058	0.82306	1.04672	1.40120	0.78645
0.603 - 0.823	0.74546	0.81560	0.63651	0.86492	1.06828	0.70185
0.384 - 0.603	0.50002	0.60193	0.39428	0.52618	0.72777	0.31162
0.164 - 0.384	0.28487	0.38158	0.17873	0.33457	0.51216	0.10695
-0.055 - 0.164	0.05423	0.15051	-0.04988	0.05180	0.34447	-0.29960
-0.275 - -0.055	-0.15530	-0.05703	-0.26565	-0.16431	0.05719	-0.43311
-0.494 - -0.275	-0.39932	-0.27619	-0.49214	-0.42438	-0.14129	-0.65958
-0.714 - -0.494	-0.63058	-0.50522	-0.69419	-0.65660	-0.49605	-0.87824
-0.933 - -0.714	-0.80829	-0.71605	-0.88207	-0.89097	-0.66643	-1.04523
-1.153 - -0.933	-1.06049	-0.95271	-1.15065	-1.15358	-0.94838	-1.33329
-1.372 - -1.153	-1.23648	-1.15447	-1.35153	-1.36353	-1.24107	-1.51040
-1.592 - -1.372	-1.46874	-1.37293	-1.53554	-1.59691	-1.41445	-1.69512
-1.811 - -1.592	-1.68637	-1.59545	-1.80686	-1.81825	-1.54033	-2.11306
-2.031 - -1.811	-1.93718	-1.88935	-2.03065	-2.09469	-1.98818	-2.14837

Node=Gradient Boosting Score Distributions

Group=_fold_=7 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.220 - 2.444	2.44377	2.44377	2.44377	2.53080	2.53080	2.53080
1.997 - 2.220	2.00868	2.00868	2.00868	2.14157	2.14157	2.14157
1.774 - 1.997	1.82263	1.82263	1.82263	1.93737	1.93737	1.93737
1.550 - 1.774	1.66398	1.73713	1.56719	1.76727	1.91976	1.67589
1.327 - 1.550	1.43279	1.51068	1.33798	1.51223	1.65154	1.35740
1.103 - 1.327	1.20840	1.31446	1.12922	1.35252	1.53402	1.20060
0.880 - 1.103	1.01184	1.09403	0.88970	1.11648	1.33127	0.98213
0.656 - 0.880	0.77042	0.87805	0.66606	0.86395	1.14395	0.60913
0.433 - 0.656	0.53686	0.65505	0.43358	0.56968	0.89675	0.33679
0.210 - 0.433	0.33248	0.42359	0.21319	0.34625	0.53918	-0.02569
-0.014 - 0.210	0.10764	0.19849	0.02364	0.12615	0.34447	-0.08807
-0.237 - -0.014	-0.10786	-0.01446	-0.23602	-0.09966	0.22991	-0.29960
-0.461 - -0.237	-0.34508	-0.25111	-0.44898	-0.38681	-0.13661	-0.65958
-0.684 - -0.461	-0.59850	-0.46977	-0.68353	-0.62942	-0.38404	-0.85296
-0.908 - -0.684	-0.78587	-0.69289	-0.89249	-0.86444	-0.71719	-1.00612
-1.131 - -0.908	-1.00536	-0.91708	-1.11954	-1.10170	-0.88221	-1.37563
-1.354 - -1.131	-1.22384	-1.13445	-1.34051	-1.32453	-1.17661	-1.48341
-1.578 - -1.354	-1.46715	-1.35785	-1.56455	-1.64228	-1.41445	-1.98839
-1.801 - -1.578	-1.68745	-1.60735	-1.78298	-1.86854	-1.66099	-2.03918
-2.025 - -1.801	-1.93134	-1.82830	-2.02467	-2.09761	-1.93471	-2.14837

Node=Gradient Boosting Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.169 - 2.390	2.38997	2.38997	2.38997	2.53080	2.53080	2.53080
1.726 - 1.948	1.82852	1.94262	1.73270	1.99957	2.14157	1.91976
1.505 - 1.726	1.62460	1.72296	1.54108	1.71626	1.81338	1.58573
1.284 - 1.505	1.41130	1.49151	1.29019	1.50910	1.69572	1.33889
1.063 - 1.284	1.13901	1.25485	1.06955	1.24521	1.53402	1.01263
0.842 - 1.063	0.94668	1.06209	0.84186	1.02883	1.20060	0.79578
0.621 - 0.842	0.74260	0.83257	0.64363	0.82393	1.00318	0.60913
0.399 - 0.621	0.51108	0.61586	0.42297	0.53554	0.70185	0.34455
0.178 - 0.399	0.27555	0.36566	0.18591	0.31756	0.48519	0.10695
-0.043 - 0.178	0.06212	0.16722	-0.02578	0.03918	0.20746	-0.20799
-0.264 - -0.043	-0.15663	-0.04793	-0.26233	-0.18040	0.07301	-0.39169
-0.485 - -0.264	-0.37654	-0.27597	-0.46924	-0.40255	-0.14129	-0.65958
-0.706 - -0.485	-0.57843	-0.49527	-0.67306	-0.64966	-0.49605	-0.87824
-0.928 - -0.706	-0.82888	-0.73309	-0.92353	-0.89941	-0.62872	-1.04523
-1.149 - -0.928	-1.04610	-0.92965	-1.14839	-1.13677	-0.94838	-1.36958
-1.370 - -1.149	-1.27233	-1.18001	-1.35477	-1.36976	-1.24997	-1.48341
-1.591 - -1.370	-1.49245	-1.37095	-1.58610	-1.63698	-1.50677	-1.75125
-1.812 - -1.591	-1.70238	-1.59446	-1.79769	-1.82487	-1.58791	-2.03918
-2.033 - -1.812	-1.92714	-1.86448	-2.03332	-2.07760	-1.79468	-2.14837

Node=Gradient Boosting Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.139 - 2.359	2.35899	2.35899	2.35899	2.53080	2.53080	2.53080
1.919 - 2.139	2.03129	2.03129	2.03129	2.14157	2.14157	2.14157
1.699 - 1.919	1.73060	1.75958	1.70163	1.87537	1.93737	1.81338
1.480 - 1.699	1.57730	1.69463	1.49151	1.70357	1.91976	1.54226
1.260 - 1.480	1.35941	1.45000	1.26532	1.46014	1.63467	1.33889
1.040 - 1.260	1.11324	1.21834	1.04570	1.21677	1.48934	0.99406
0.820 - 1.040	0.92653	1.03554	0.84418	1.01328	1.17010	0.68366
0.600 - 0.820	0.71839	0.81808	0.60992	0.77897	1.74649	-1.18976
0.380 - 0.600	0.48565	0.59142	0.38579	0.42589	1.16606	-1.37563
0.161 - 0.380	0.26531	0.38005	0.16753	0.36112	1.62835	-0.71719
-0.059 - 0.161	0.04763	0.15812	-0.05902	0.05688	1.16461	-0.86269
-0.279 - -0.059	-0.16853	-0.07405	-0.27844	-0.16257	1.40120	-1.12700
-0.499 - -0.279	-0.37451	-0.27948	-0.49668	-0.19920	1.29809	-0.55186
-0.719 - -0.499	-0.61546	-0.51910	-0.71634	-0.56911	1.14395	-1.70934
-0.939 - -0.719	-0.81119	-0.71912	-0.93346	-0.92589	-0.62872	-1.90123
-1.158 - -0.939	-1.03560	-0.94151	-1.14839	-1.16853	-0.94838	-1.58791
-1.378 - -1.158	-1.26401	-1.16556	-1.36124	-1.38486	-1.17661	-1.72334
-1.598 - -1.378	-1.49573	-1.40543	-1.59777	-1.64140	-1.50677	-1.71804
-1.818 - -1.598	-1.70318	-1.60907	-1.79769	-1.86683	-1.65597	-2.12003
-2.038 - -1.818	-1.95526	-1.82535	-2.03775	-2.05830	-1.79468	-2.14837

Node=Gradient Boosting Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	349
2	^(fold_=2)	341
3	^(fold_=3)	355
4	^(fold_=4)	354
5	^(fold_=5)	333
6	^(fold_=6)	331
7	^(fold_=7)	348
8	^(fold_=8)	340

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Node=End Groups Summary

Node id = EndGrp8
 Node label = End Groups
 Meta path = Ids => Trans => Grp8 => Boost3 => EndGrp8
 Notes =

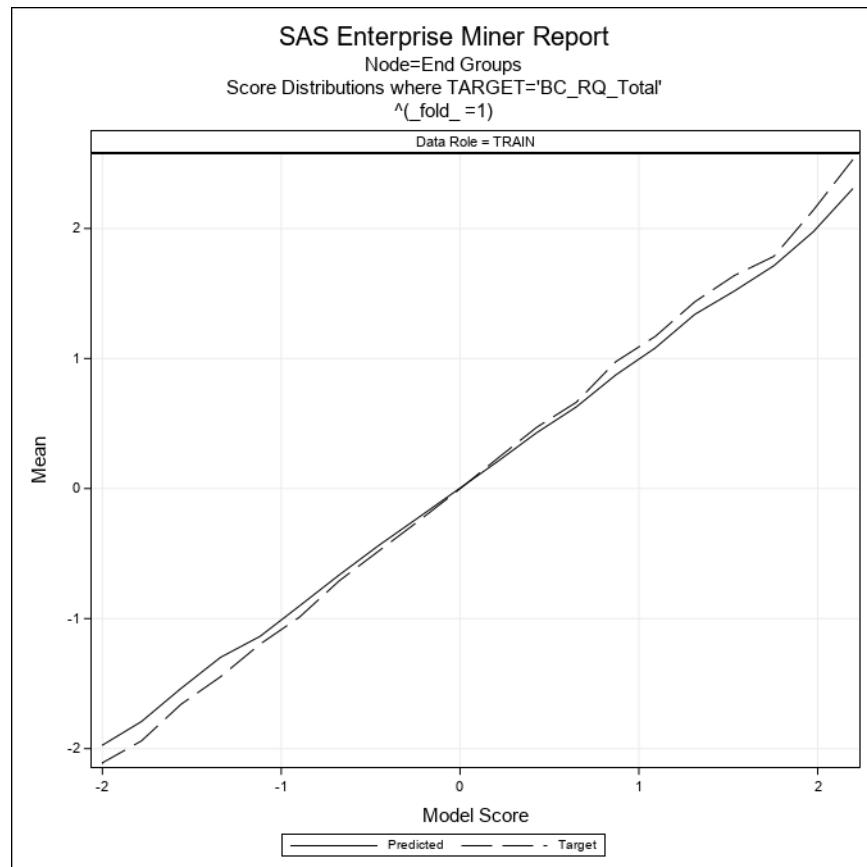
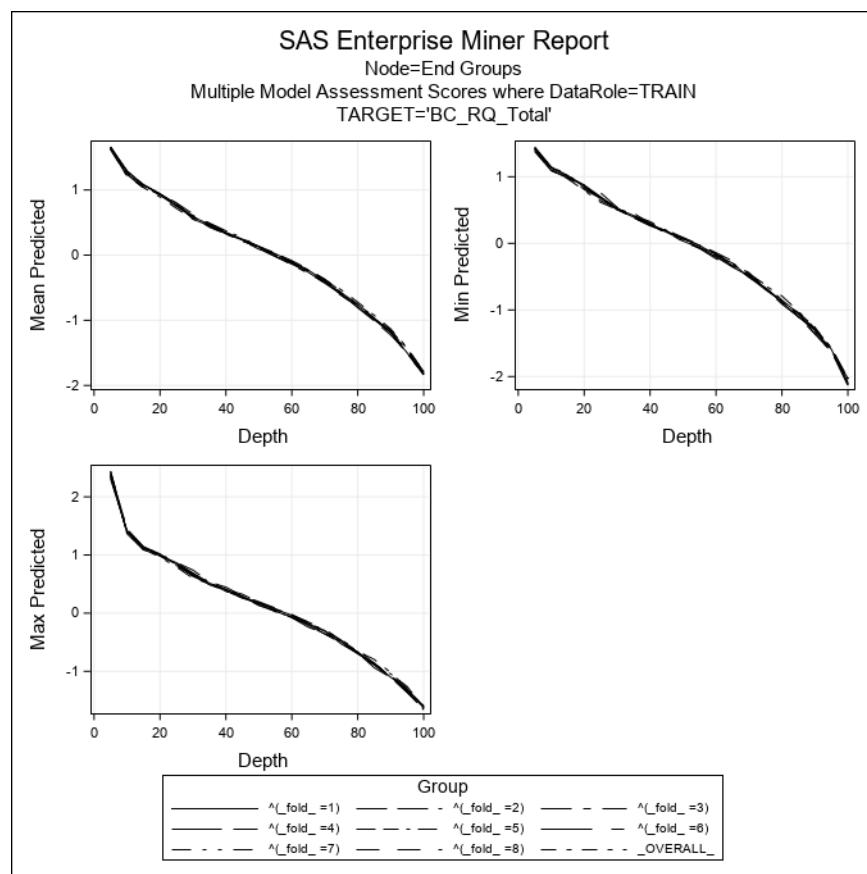
Node=End Groups Properties

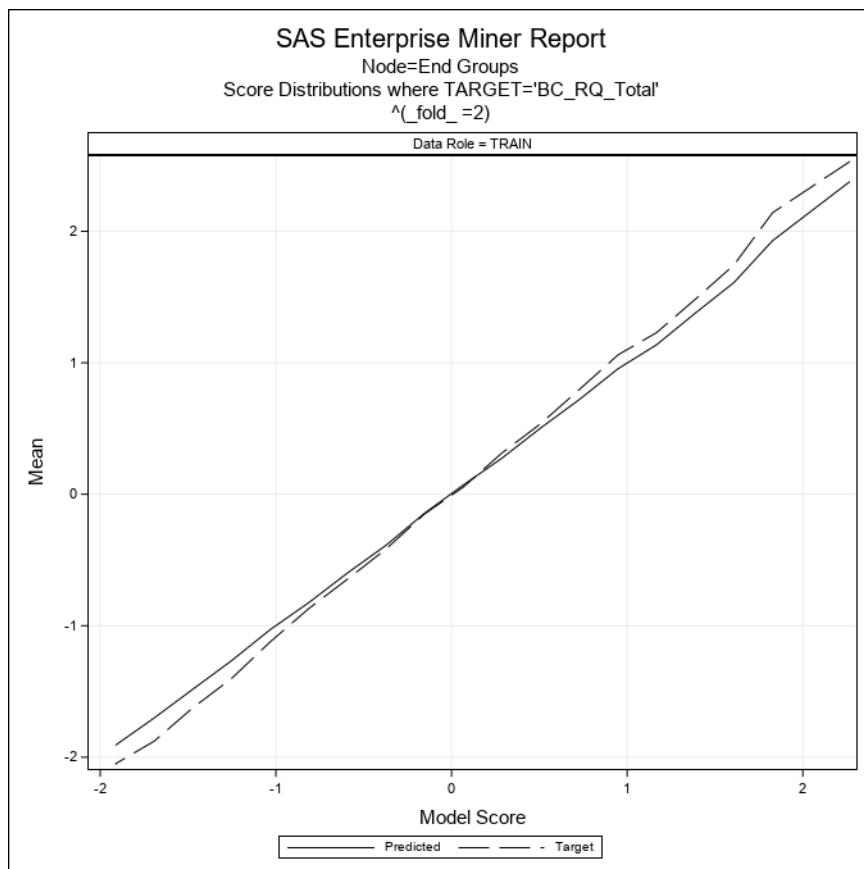
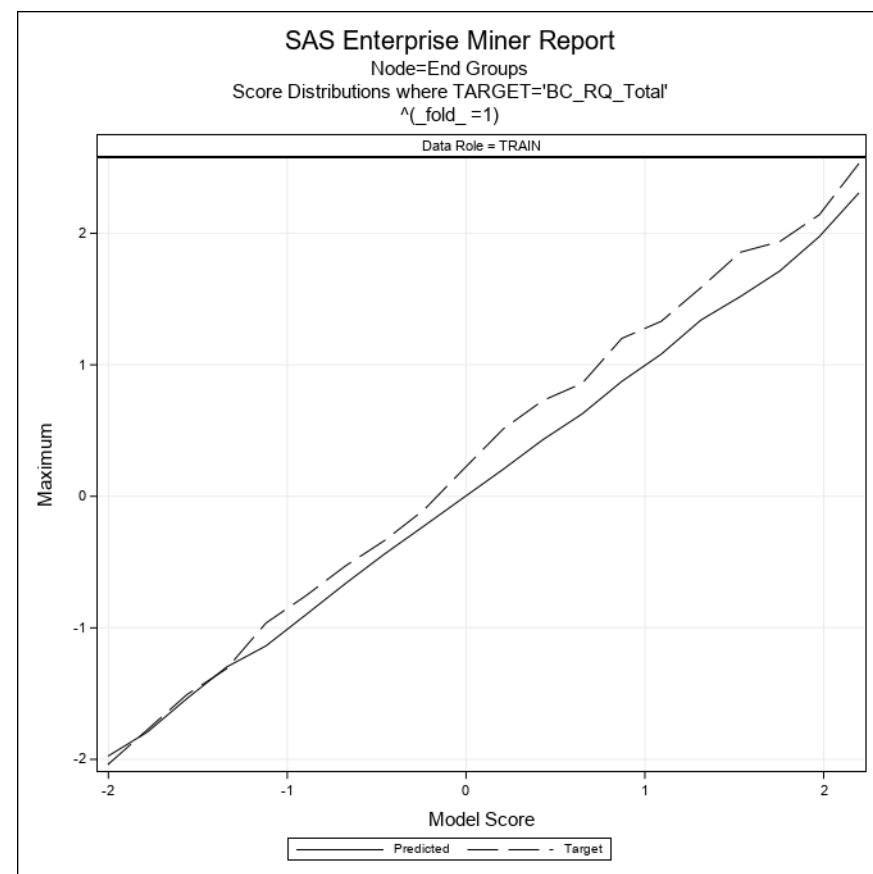
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

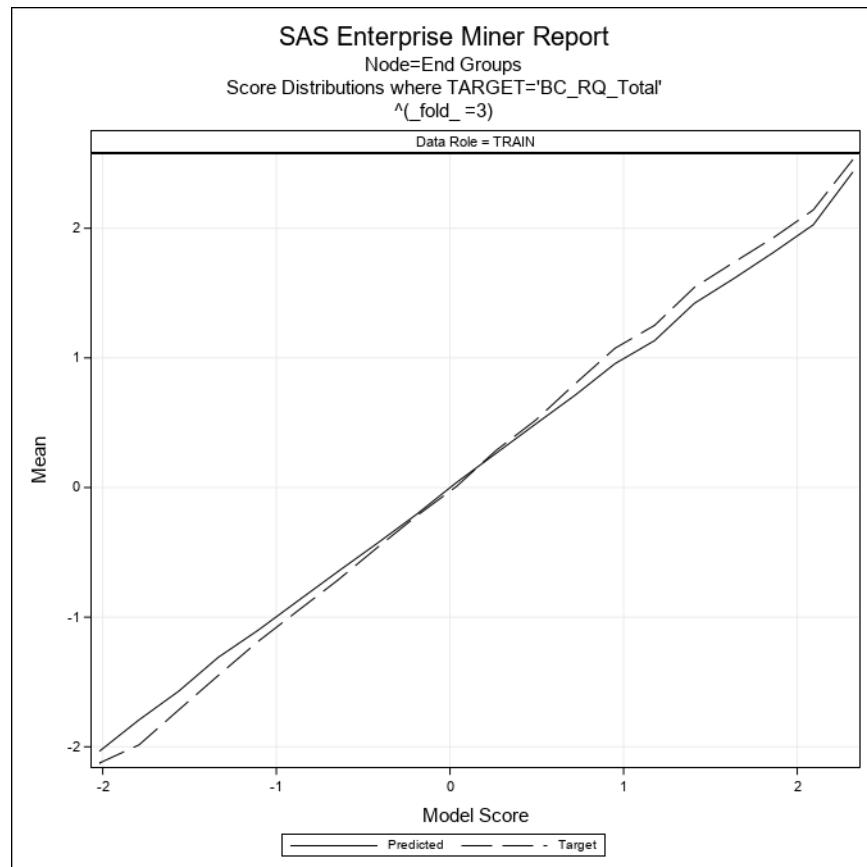
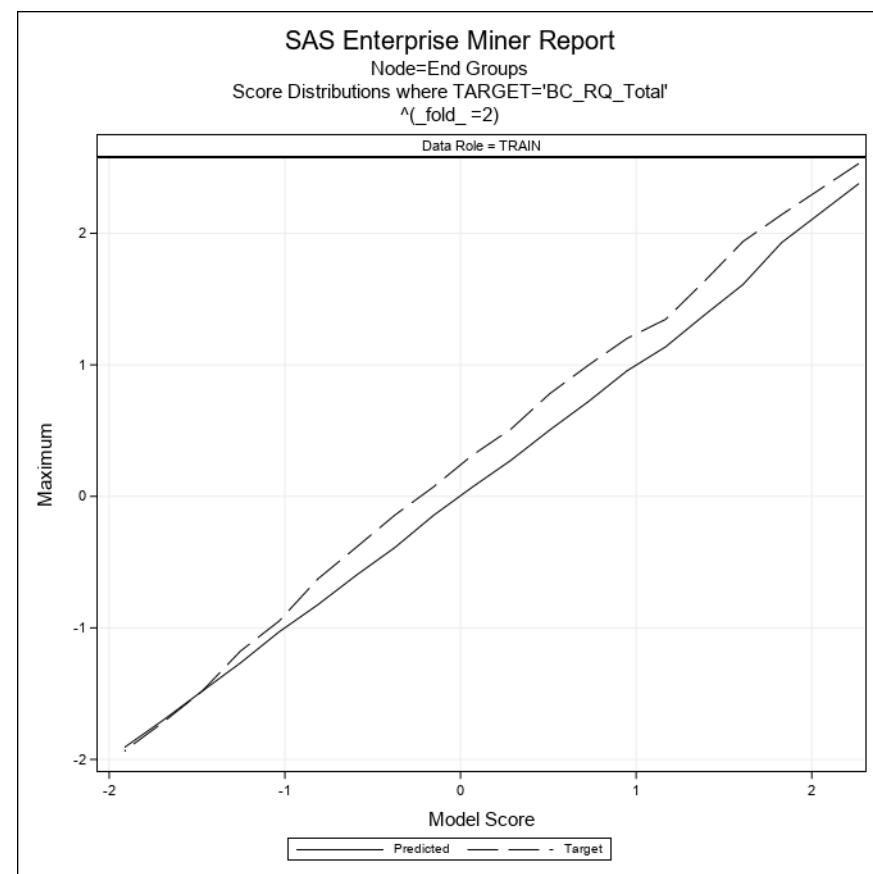
Node=End Groups Variable Summary

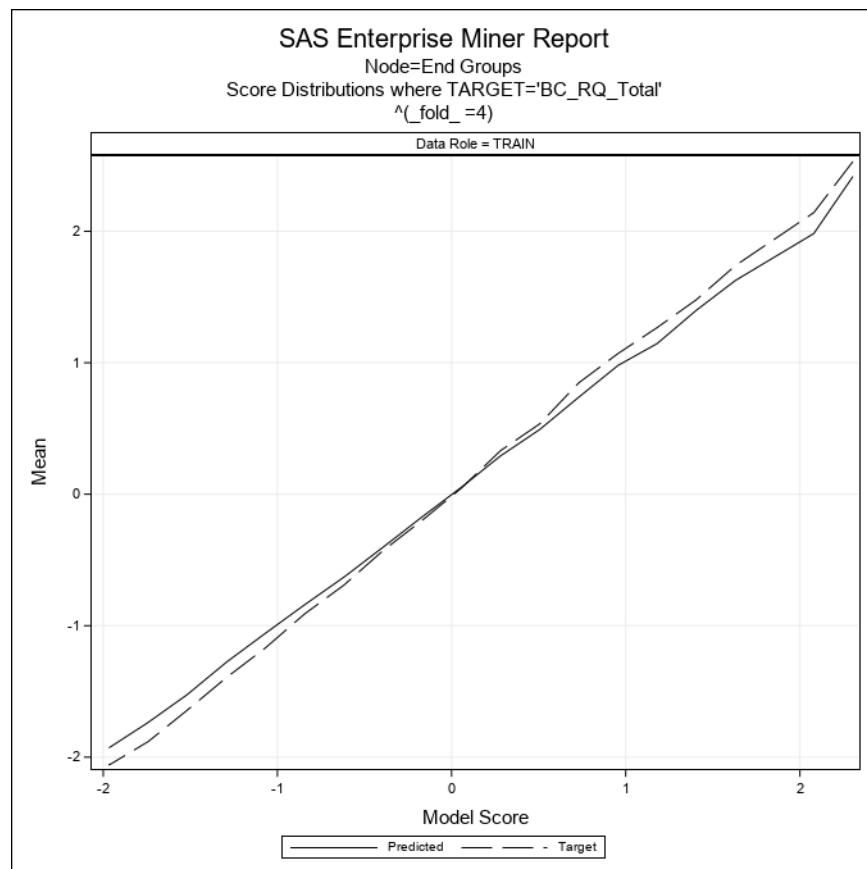
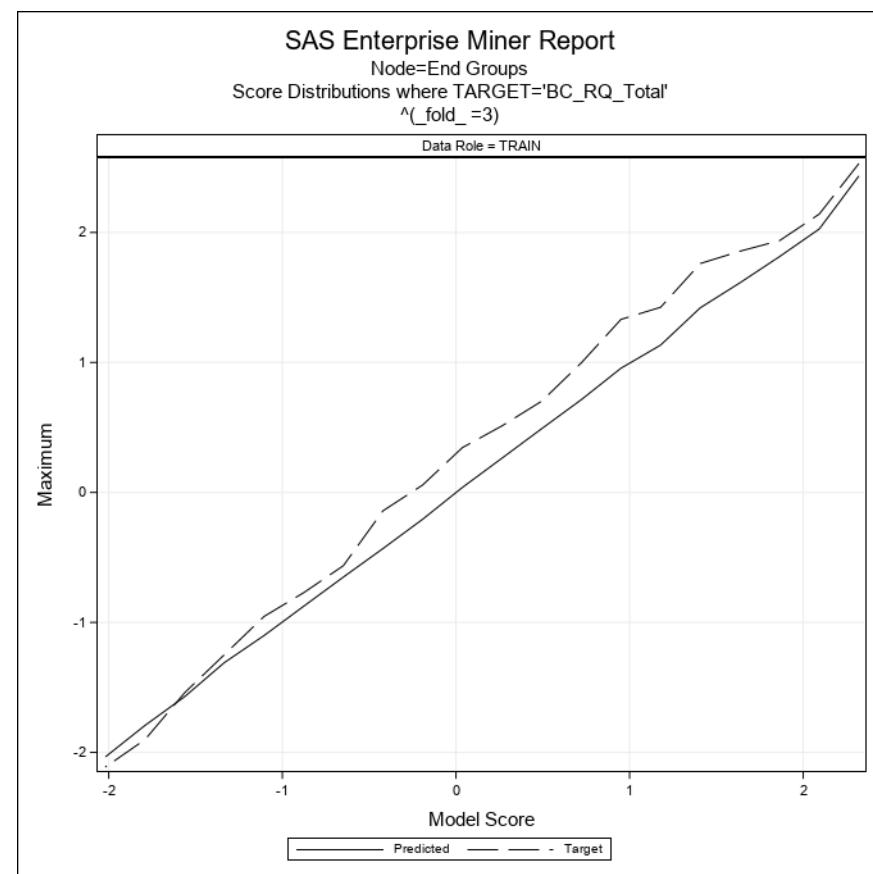
Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	23		ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAtot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr
INPUT	NOMINAL	2		classification pH_MII_ON_OFF_INF_MISS

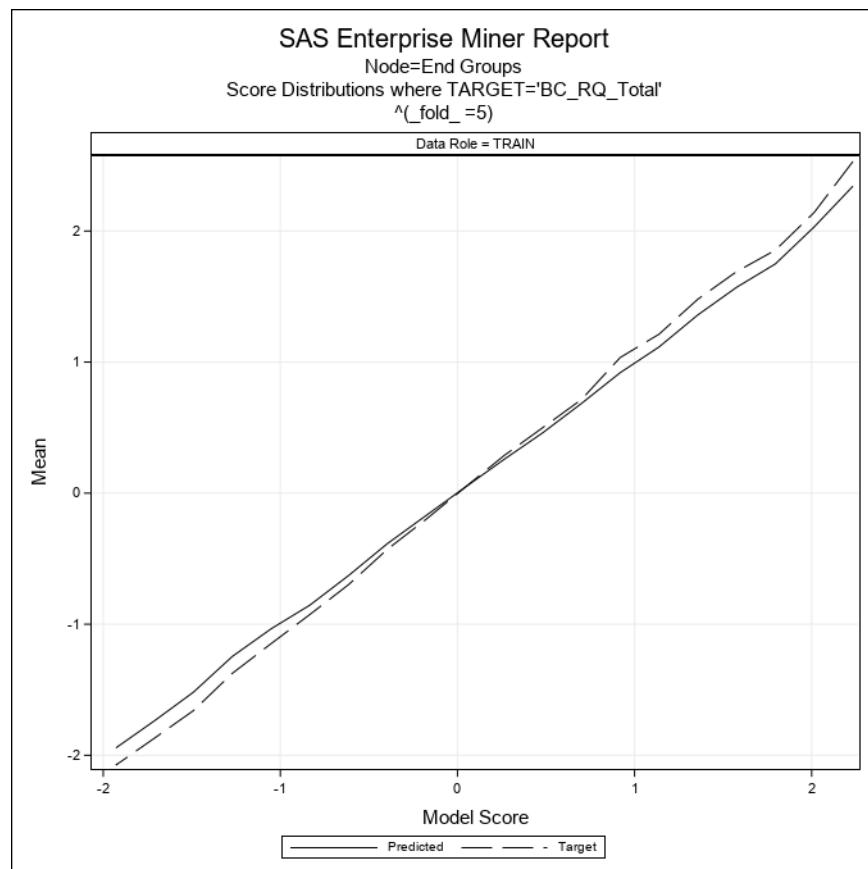
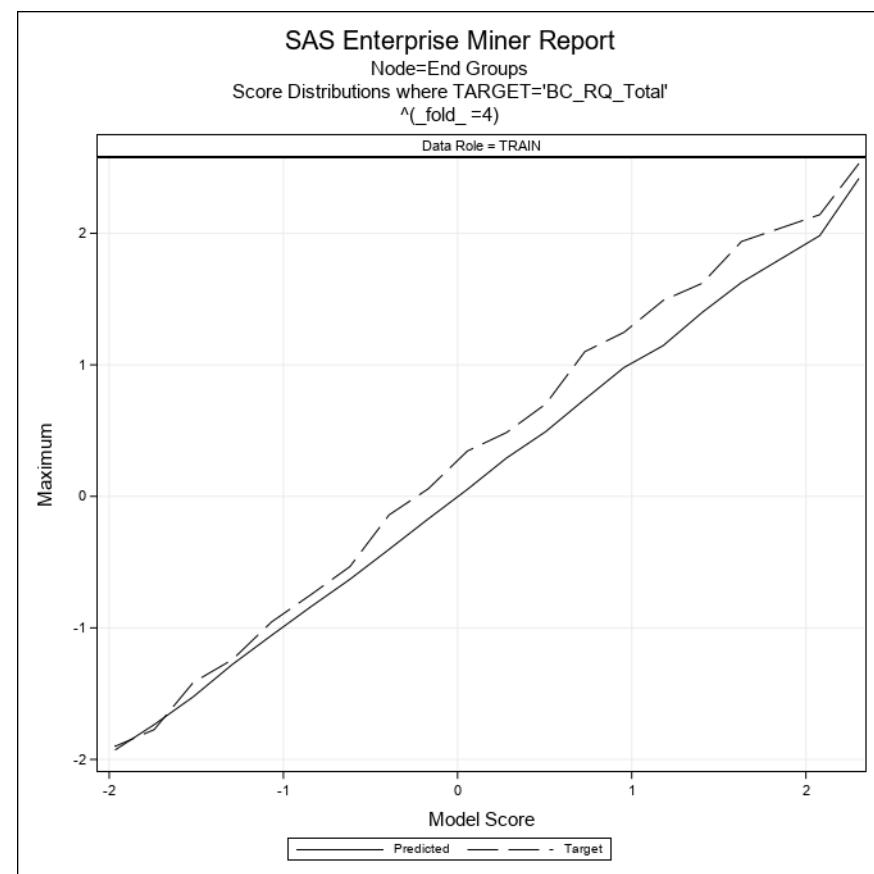
Group Index	Group	ModelId	Train: Target Variable	Train:		Weights	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Total Degrees of Freedom		Target Label
				Sum of Case Frequencies	Times Freq							Average Squared Error	Degrees of Freedom	
1	^(fold_=1)	Boost3	BC_RQ_Total	353	353	0.32981	4.1824	0.011848	0.10885	353	353	ReQuest (total score) (Box-Cox transformed)		
2	^(fold_=2)	Boost3	BC_RQ_Total	341	341	0.38129	4.8866	0.014330	0.11971	341	341	ReQuest (total score) (Box-Cox transformed)		
3	^(fold_=3)	Boost3	BC_RQ_Total	351	351	0.35789	5.2062	0.014832	0.12179	351	351	ReQuest (total score) (Box-Cox transformed)		
4	^(fold_=4)	Boost3	BC_RQ_Total	355	355	0.31886	4.8571	0.013682	0.11697	355	355	ReQuest (total score) (Box-Cox transformed)		
5	^(fold_=5)	Boost3	BC_RQ_Total	358	358	0.37190	5.0829	0.014198	0.11916	358	358	ReQuest (total score) (Box-Cox transformed)		
6	^(fold_=6)	Boost3	BC_RQ_Total	351	351	0.42092	4.9692	0.014157	0.11898	351	351	ReQuest (total score) (Box-Cox transformed)		
7	^(fold_=7)	Boost3	BC_RQ_Total	345	345	0.48754	5.2443	0.015201	0.12329	345	345	ReQuest (total score) (Box-Cox transformed)		
8	^(fold_=8)	Boost3	BC_RQ_Total	341	341	0.28388	3.9950	0.011716	0.10824	341	341	ReQuest (total score) (Box-Cox transformed)		
9	_OVERALL_		BC_RQ_Total	393	.	2.11180	29.6021	0.075324	0.27445	393	.	ReQuest (total score) (Box-Cox transformed)		

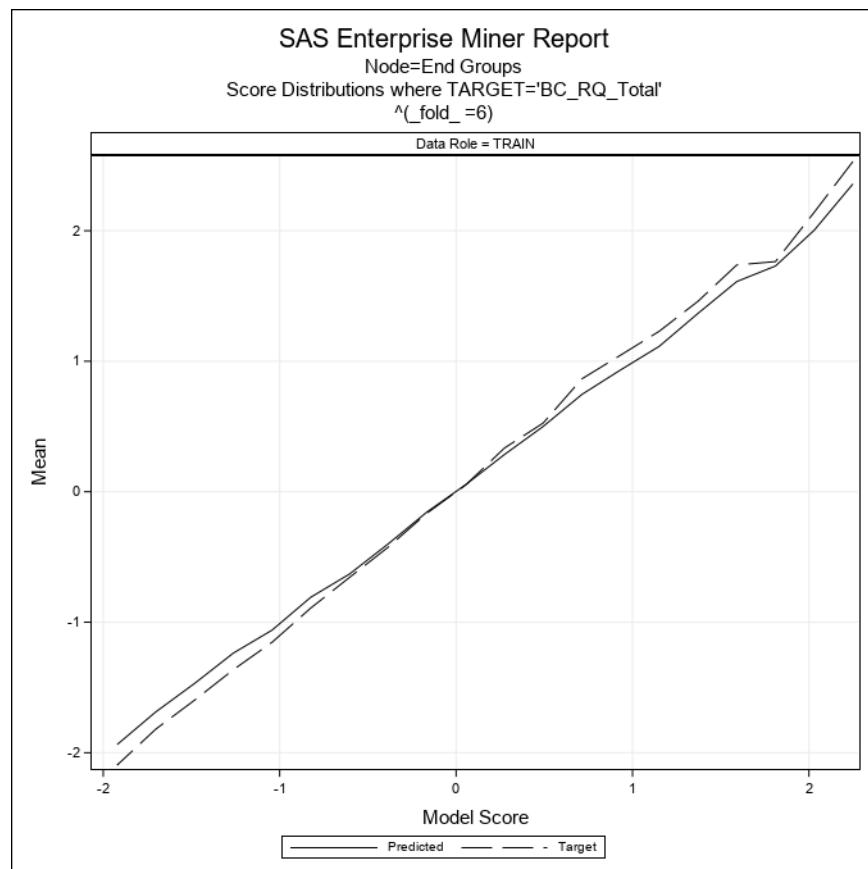
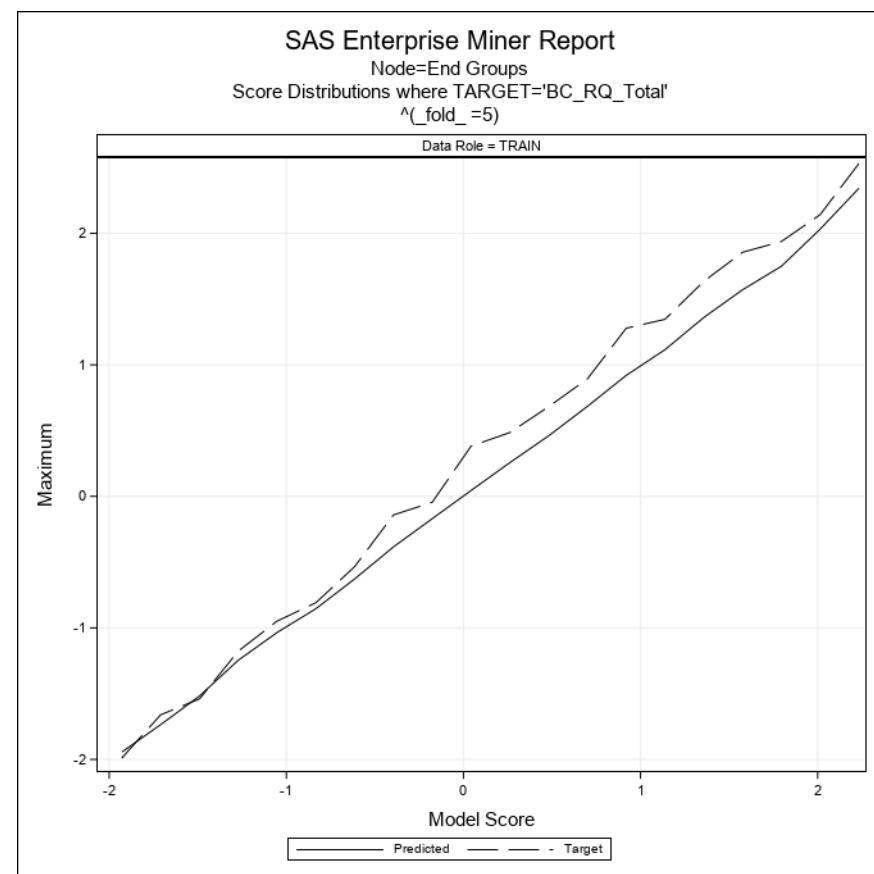


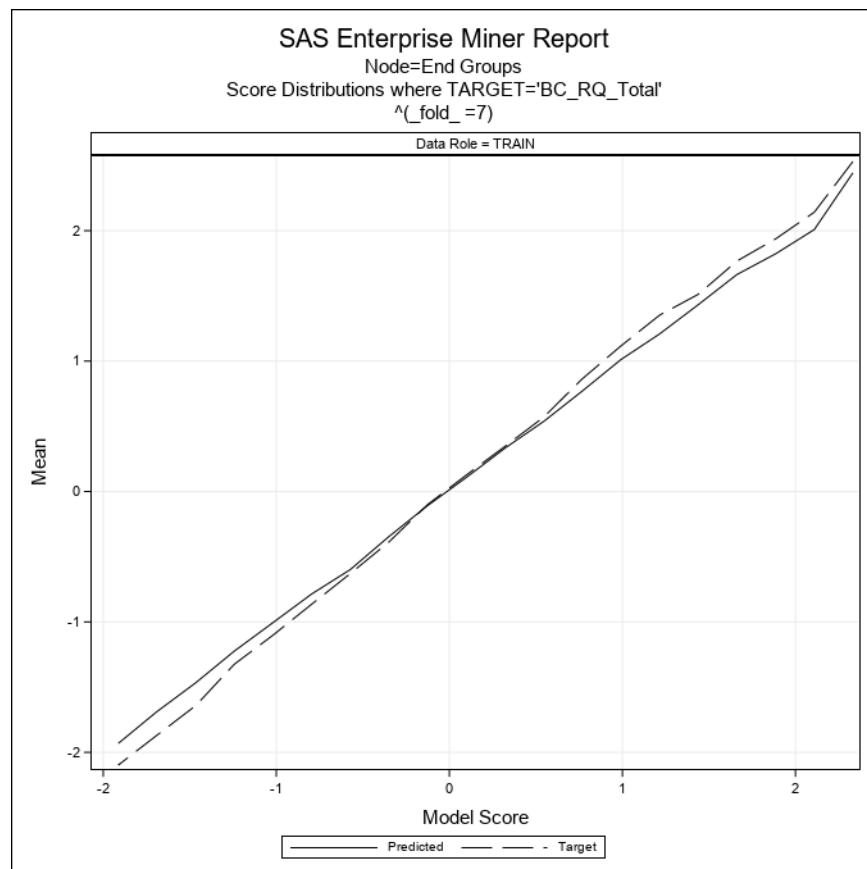
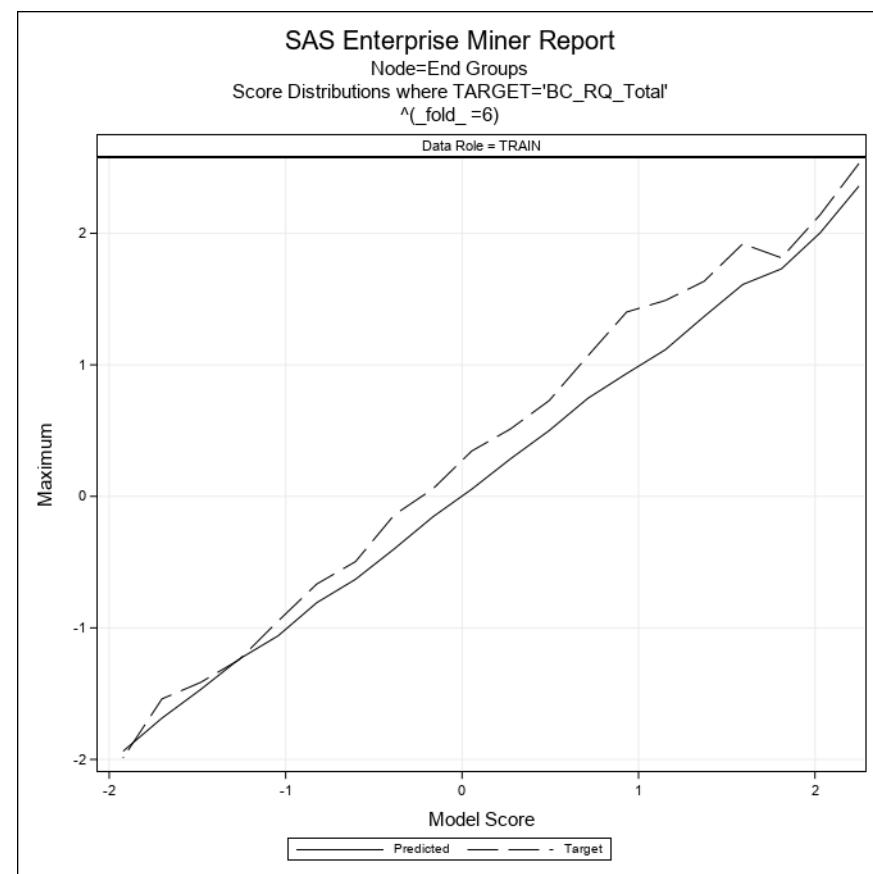


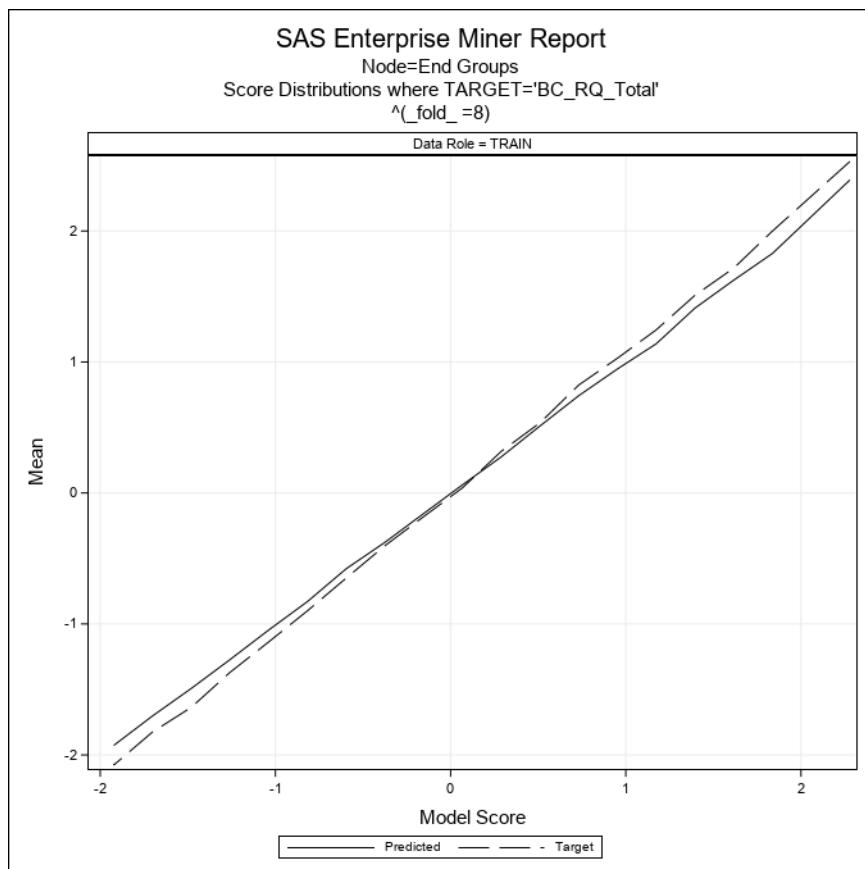
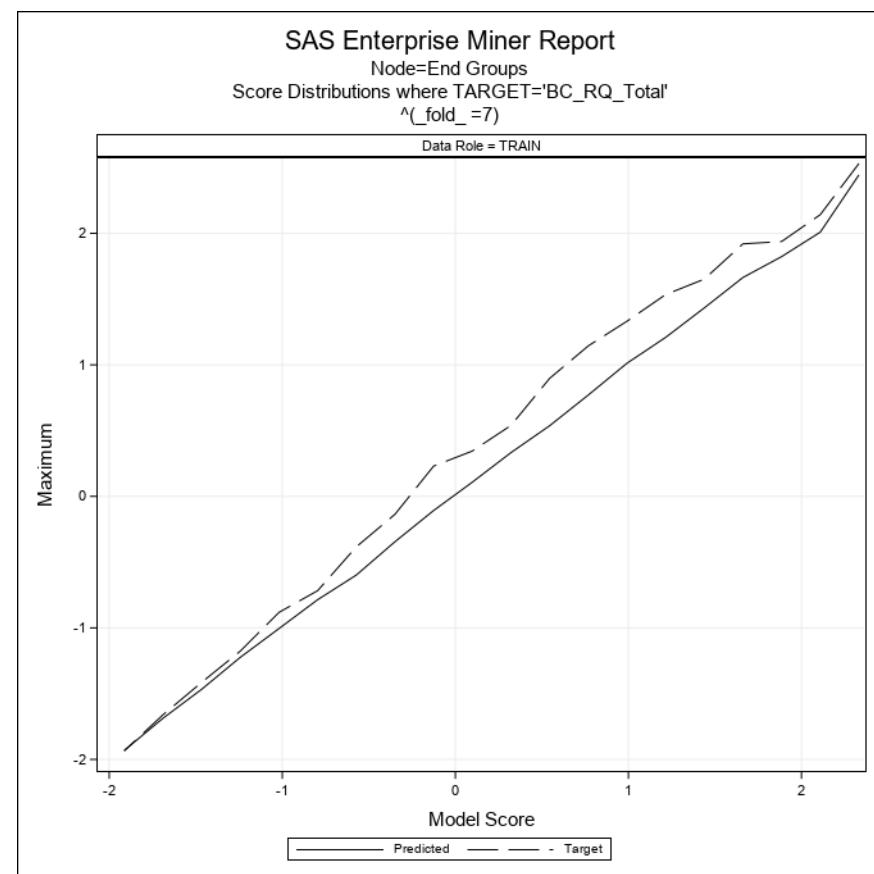


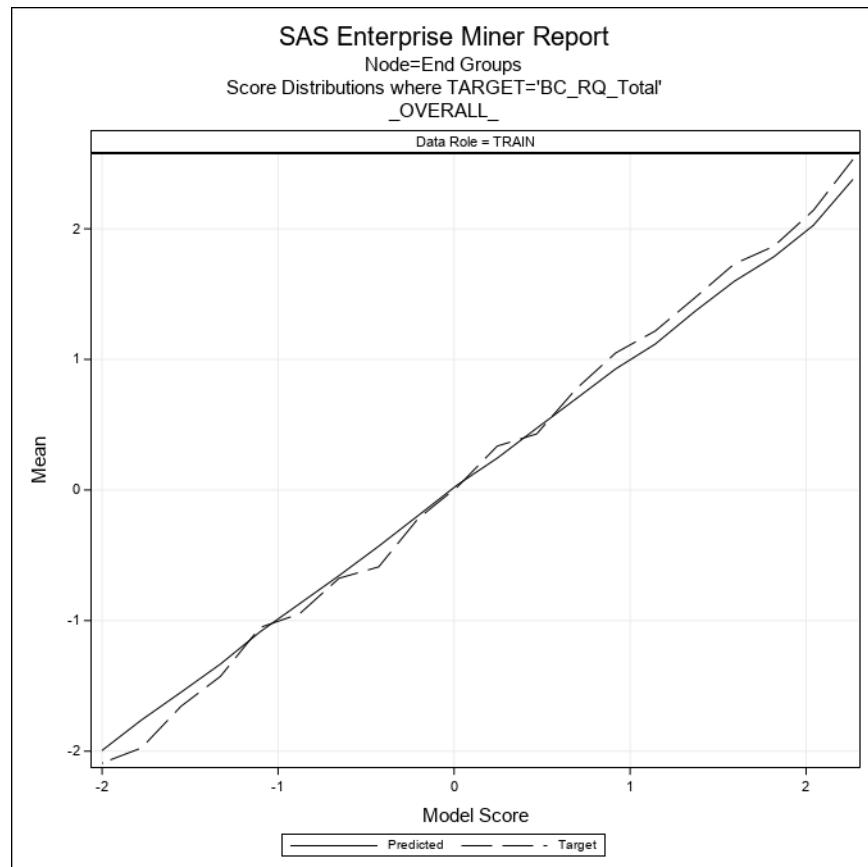
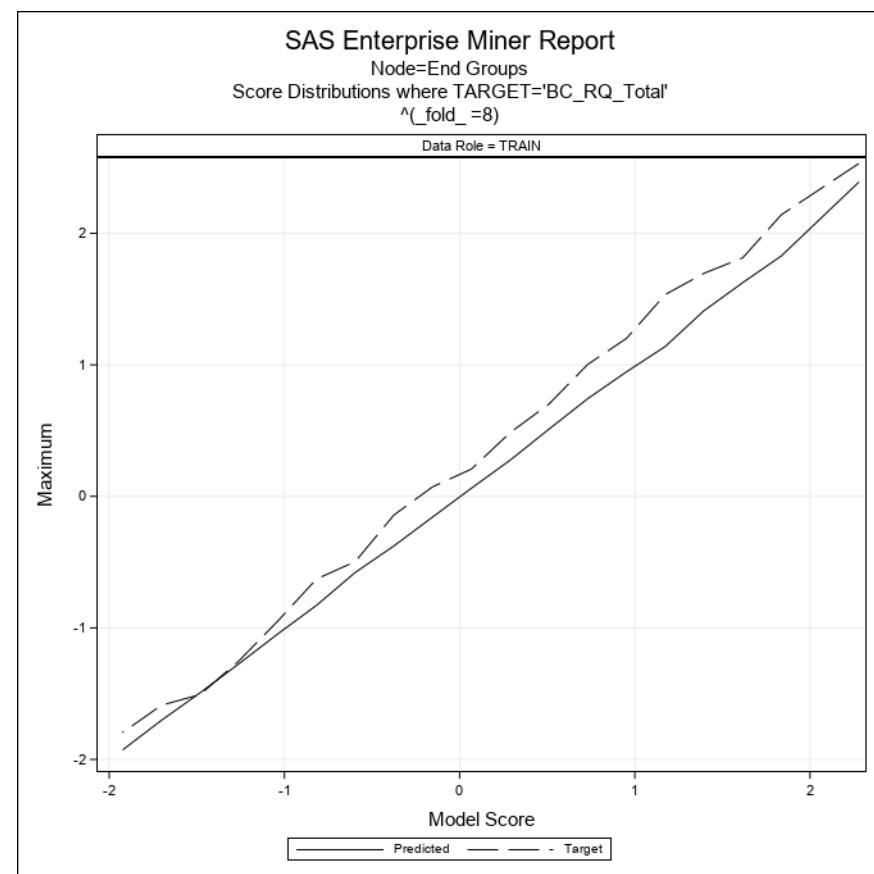














Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.086 - 2.308	2.30753	2.30753	2.30753	2.53080	2.53080	2.53080
1.865 - 2.086	1.97570	1.97570	1.97570	2.14157	2.14157	2.14157
1.644 - 1.865	1.71382	1.77047	1.65471	1.78569	1.93737	1.71506
1.423 - 1.644	1.51906	1.62497	1.42858	1.63855	1.85573	1.48934
1.202 - 1.423	1.33972	1.41843	1.20664	1.43632	1.58573	1.21608
0.981 - 1.202	1.08166	1.19193	0.98359	1.17031	1.33127	0.98677
0.760 - 0.981	0.87374	0.97744	0.77799	0.97572	1.20060	0.78645
0.539 - 0.760	0.62734	0.75863	0.53942	0.66326	0.85963	0.44077
0.318 - 0.539	0.42964	0.52046	0.32997	0.47122	0.72777	0.31162
0.097 - 0.318	0.20577	0.29866	0.09846	0.22999	0.51216	-0.03609
-0.124 - 0.097	-0.00916	0.08830	-0.12254	-0.01637	0.20746	-0.21219
-0.345 - -0.124	-0.22454	-0.12671	-0.34203	-0.25228	-0.10148	-0.45401
-0.566 - -0.345	-0.43800	-0.34995	-0.55549	-0.48095	-0.33564	-0.64573
-0.787 - -0.566	-0.66503	-0.57313	-0.78487	-0.71028	-0.53127	-0.91229
-1.008 - -0.787	-0.90216	-0.79937	-0.99566	-0.98818	-0.75757	-1.24019
-1.229 - -1.008	-1.13664	-1.00894	-1.21817	-1.19658	-0.96273	-1.37563
-1.450 - -1.229	-1.29817	-1.23664	-1.44066	-1.44740	-1.31134	-1.61674
-1.671 - -1.450	-1.53724	-1.47070	-1.62306	-1.65935	-1.50677	-1.75125
-1.892 - -1.671	-1.79176	-1.68016	-1.85514	-1.94058	-1.77371	-2.12003
-2.113 - -1.892	-1.97556	-1.90243	-2.11300	-2.11128	-2.03918	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.158 - 2.378	2.37834	2.37834	2.37834	2.53080	2.53080	2.53080
1.718 - 1.938	1.92896	1.92896	1.92896	2.14157	2.14157	2.14157
1.498 - 1.718	1.61035	1.69727	1.49981	1.74444	1.93737	1.62035
1.278 - 1.498	1.37768	1.49133	1.27862	1.48271	1.63467	1.35740
1.058 - 1.278	1.13718	1.24344	1.05892	1.22981	1.34601	1.04524
0.838 - 1.058	0.95432	1.05771	0.84042	1.05954	1.20060	0.85413
0.618 - 0.838	0.72027	0.83537	0.62753	0.79660	0.99693	0.58260
0.398 - 0.618	0.50414	0.61171	0.40446	0.53681	0.78030	0.34274
0.178 - 0.398	0.27482	0.39020	0.17906	0.31435	0.51216	-0.03609
-0.043 - 0.178	0.07039	0.17695	-0.04000	0.05465	0.31280	-0.17792
-0.263 - -0.043	-0.14374	-0.04443	-0.22038	-0.14875	0.07301	-0.32382
-0.483 - -0.263	-0.38792	-0.27454	-0.48083	-0.41678	-0.14129	-0.61792
-0.703 - -0.483	-0.59929	-0.48767	-0.68269	-0.64591	-0.38667	-0.85695
-0.923 - -0.703	-0.82447	-0.70874	-0.91206	-0.86972	-0.62872	-1.00612
-1.143 - -0.923	-1.03034	-0.93764	-1.13274	-1.12357	-0.94838	-1.33329
-1.363 - -1.143	-1.26657	-1.14634	-1.36124	-1.40218	-1.17661	-1.69512
-1.583 - -1.363	-1.48312	-1.38331	-1.57959	-1.62438	-1.48341	-1.71804
-1.803 - -1.583	-1.70189	-1.62314	-1.77505	-1.87843	-1.71795	-2.12003
-2.023 - -1.803	-1.90883	-1.83500	-2.02327	-2.05009	-1.93471	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.207 - 2.435	2.43505	2.43505	2.43505	2.53080	2.53080	2.53080
1.978 - 2.207	2.02692	2.02692	2.02692	2.14157	2.14157	2.14157
1.750 - 1.978	1.81486	1.81598	1.81375	1.92857	1.93737	1.91976
1.521 - 1.750	1.61287	1.68434	1.52697	1.73796	1.85573	1.65154
1.293 - 1.521	1.42066	1.51999	1.29769	1.54350	1.76112	1.35740
1.065 - 1.293	1.13369	1.28834	1.06825	1.25142	1.42447	0.99406
0.836 - 1.065	0.95561	1.05398	0.84480	1.07436	1.33127	0.82445
0.608 - 0.836	0.71361	0.82149	0.60992	0.80216	0.99693	0.58260
0.379 - 0.608	0.49018	0.59384	0.38501	0.51990	0.70185	0.32170
0.151 - 0.379	0.26375	0.37262	0.15812	0.28578	0.51216	-0.02569
-0.078 - 0.151	0.03786	0.14729	-0.07626	0.00739	0.34447	-0.23328
-0.306 - -0.078	-0.20620	-0.08478	-0.29688	-0.21872	0.05719	-0.45401
-0.534 - -0.306	-0.43143	-0.30635	-0.52286	-0.46506	-0.14129	-0.87824
-0.763 - -0.534	-0.65133	-0.55895	-0.74461	-0.71713	-0.56369	-0.88221
-0.991 - -0.763	-0.87562	-0.77070	-0.98098	-0.95162	-0.77132	-1.22281
-1.220 - -0.991	-1.10126	-0.99706	-1.20335	-1.18778	-0.95440	-1.44120
-1.448 - -1.220	-1.30925	-1.22235	-1.42844	-1.44928	-1.24826	-1.68223
-1.677 - -1.448	-1.57094	-1.44973	-1.67386	-1.71559	-1.54033	-1.91626
-1.905 - -1.677	-1.79215	-1.70467	-1.90313	-1.98498	-1.90123	-2.03918
-2.133 - -1.905	-2.03457	-1.93124	-2.13336	-2.12570	-2.11306	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.192 - 2.417	2.41691	2.41691	2.41691	2.53080	2.53080	2.53080
1.967 - 2.192	1.98245	1.98245	1.98245	2.14157	2.14157	2.14157
1.518 - 1.742	1.62610	1.72476	1.52883	1.73973	1.93737	1.49995
1.293 - 1.518	1.39897	1.47751	1.30084	1.47925	1.62035	1.33889
1.068 - 1.293	1.14597	1.27915	1.06872	1.26750	1.48934	1.08830
0.843 - 1.068	0.97956	1.06501	0.85079	1.06997	1.24703	0.83823
0.618 - 0.843	0.73865	0.83299	0.63266	0.84770	1.10018	0.58917
0.394 - 0.618	0.49209	0.61137	0.40330	0.53500	0.70185	0.33679
0.169 - 0.394	0.29155	0.39273	0.17889	0.33151	0.48519	0.11400
-0.056 - 0.169	0.05299	0.16753	-0.05179	0.04644	0.34447	-0.12851
-0.281 - -0.056	-0.17151	-0.05888	-0.27518	-0.19841	0.05719	-0.43311
-0.506 - -0.281	-0.40289	-0.28310	-0.50215	-0.42897	-0.14129	-0.71719
-0.730 - -0.506	-0.63060	-0.51910	-0.71825	-0.69132	-0.53404	-0.95512
-0.955 - -0.730	-0.83983	-0.74329	-0.94151	-0.90951	-0.74820	-1.04523
-1.180 - -0.955	-1.05644	-0.96184	-1.17309	-1.16742	-0.95440	-1.45147
-1.405 - -1.180	-1.27725	-1.20035	-1.36436	-1.39414	-1.24107	-1.54517
-1.630 - -1.405	-1.52349	-1.40543	-1.61873	-1.64213	-1.41445	-1.85583
-1.854 - -1.630	-1.73567	-1.68039	-1.80062	-1.88151	-1.77371	-1.98818
-2.079 - -1.854	-1.92886	-1.85645	-2.07929	-2.06005	-1.90123	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.123 - 2.342	2.34245	2.34245	2.34245	2.53080	2.53080	2.53080
1.904 - 2.123	2.03129	2.03129	2.03129	2.14157	2.14157	2.14157
1.685 - 1.904	1.74924	1.81201	1.70163	1.85425	1.93737	1.74649
1.466 - 1.685	1.57055	1.63324	1.50857	1.69036	1.85573	1.54488
1.247 - 1.466	1.35978	1.45753	1.25263	1.47961	1.63467	1.35740
1.028 - 1.247	1.11525	1.23126	1.03491	1.21278	1.34601	0.99305
0.809 - 1.028	0.91937	1.02530	0.81412	1.03494	1.27810	0.78873
0.590 - 0.809	0.68409	0.80297	0.59611	0.71432	0.89321	0.49766
0.371 - 0.590	0.46010	0.58926	0.38252	0.49932	0.68168	0.32170
0.152 - 0.371	0.25623	0.36782	0.15978	0.28533	0.48519	0.07159
-0.067 - 0.152	0.04445	0.14542	-0.06260	0.04462	0.38121	-0.10239
-0.286 - -0.067	-0.16955	-0.07405	-0.28037	-0.19847	-0.04480	-0.43311
-0.505 - -0.286	-0.38446	-0.29173	-0.50434	-0.42775	-0.14129	-0.64573
-0.724 - -0.505	-0.62783	-0.50723	-0.70425	-0.69727	-0.53404	-0.91229
-0.943 - -0.724	-0.85415	-0.72768	-0.93704	-0.92561	-0.80863	-1.04523
-1.162 - -0.943	-1.03500	-0.96100	-1.15948	-1.14806	-0.94838	-1.44120
-1.381 - -1.162	-1.24588	-1.16556	-1.37096	-1.37483	-1.17661	-1.61674
-1.600 - -1.381	-1.51791	-1.39881	-1.59003	-1.65858	-1.54033	-1.75125
-1.819 - -1.600	-1.73525	-1.62532	-1.81426	-1.86785	-1.66047	-2.12003
-2.038 - -1.819	-1.94355	-1.86396	-2.03775	-2.07473	-1.98818	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.140 - 2.359	2.35899	2.35899	2.35899	2.53080	2.53080	2.53080
1.920 - 2.140	2.00395	2.00395	2.00395	2.14157	2.14157	2.14157
1.701 - 1.920	1.72990	1.75881	1.71082	1.76355	1.81338	1.71614
1.481 - 1.701	1.61064	1.66656	1.49660	1.73793	1.91976	1.62035
1.262 - 1.481	1.36697	1.45085	1.28129	1.45991	1.63467	1.33889
1.042 - 1.262	1.11475	1.23260	1.04378	1.23021	1.48934	1.11309
0.823 - 1.042	0.93349	1.02058	0.82306	1.04672	1.40120	0.78645
0.603 - 0.823	0.74546	0.81560	0.63651	0.86492	1.06828	0.70185
0.384 - 0.603	0.50002	0.60193	0.39428	0.52618	0.72777	0.31162
0.164 - 0.384	0.28487	0.38158	0.17873	0.33457	0.51216	0.10695
-0.055 - 0.164	0.05423	0.15051	-0.04988	0.05180	0.34447	-0.29960
-0.275 - -0.055	-0.15530	-0.05703	-0.26565	-0.16431	0.05719	-0.43311
-0.494 - -0.275	-0.39932	-0.27619	-0.49214	-0.42438	-0.14129	-0.65958
-0.714 - -0.494	-0.63058	-0.50522	-0.69419	-0.65660	-0.49605	-0.87824
-0.933 - -0.714	-0.80829	-0.71605	-0.88207	-0.89097	-0.66643	-1.04523
-1.153 - -0.933	-1.06049	-0.95271	-1.15065	-1.15358	-0.94838	-1.33329
-1.372 - -1.153	-1.23648	-1.15447	-1.35153	-1.36353	-1.24107	-1.51040
-1.592 - -1.372	-1.46874	-1.37293	-1.53554	-1.59691	-1.41445	-1.69512
-1.811 - -1.592	-1.68637	-1.59545	-1.80686	-1.81825	-1.54033	-2.11306
-2.031 - -1.811	-1.93718	-1.88935	-2.03065	-2.09469	-1.98818	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.220 - 2.444	2.44377	2.44377	2.44377	2.53080	2.53080	2.53080
1.997 - 2.220	2.00868	2.00868	2.00868	2.14157	2.14157	2.14157
1.774 - 1.997	1.82263	1.82263	1.82263	1.93737	1.93737	1.93737
1.550 - 1.774	1.66398	1.73713	1.56719	1.76727	1.91976	1.67589
1.327 - 1.550	1.43279	1.51068	1.33798	1.51223	1.65154	1.35740
1.103 - 1.327	1.20840	1.31446	1.12922	1.35252	1.53402	1.20060
0.880 - 1.103	1.01184	1.09403	0.88970	1.11648	1.33127	0.98213
0.656 - 0.880	0.77042	0.87805	0.66606	0.86395	1.14395	0.60913
0.433 - 0.656	0.53686	0.65505	0.43358	0.56968	0.89675	0.33679
0.210 - 0.433	0.33248	0.42359	0.21319	0.34625	0.53918	-0.02569
-0.014 - 0.210	0.10764	0.19849	0.02364	0.12615	0.34447	-0.08807
-0.237 - -0.014	-0.10786	-0.01446	-0.23602	-0.09966	0.22991	-0.29960
-0.461 - -0.237	-0.34508	-0.25111	-0.44898	-0.38681	-0.13661	-0.65958
-0.684 - -0.461	-0.59850	-0.46977	-0.68353	-0.62942	-0.38404	-0.85296
-0.908 - -0.684	-0.78587	-0.69289	-0.89249	-0.86444	-0.71719	-1.00612
-1.131 - -0.908	-1.00536	-0.91708	-1.11954	-1.10170	-0.88221	-1.37563
-1.354 - -1.131	-1.22384	-1.13445	-1.34051	-1.32453	-1.17661	-1.48341
-1.578 - -1.354	-1.46715	-1.35785	-1.56455	-1.64228	-1.41445	-1.98839
-1.801 - -1.578	-1.68745	-1.60735	-1.78298	-1.86854	-1.66099	-2.03918
-2.025 - -1.801	-1.93134	-1.82830	-2.02467	-2.09761	-1.93471	-2.14837

Node=End Groups Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.169 - 2.390	2.38997	2.38997	2.38997	2.53080	2.53080	2.53080
1.726 - 1.948	1.82852	1.94262	1.73270	1.99957	2.14157	1.91976
1.505 - 1.726	1.62460	1.72296	1.54108	1.71626	1.81338	1.58573
1.284 - 1.505	1.41130	1.49151	1.29019	1.50910	1.69572	1.33889
1.063 - 1.284	1.13901	1.25485	1.06955	1.24521	1.53402	1.01263
0.842 - 1.063	0.94668	1.06209	0.84186	1.02883	1.20060	0.79578
0.621 - 0.842	0.74260	0.83257	0.64363	0.82393	1.00318	0.60913
0.399 - 0.621	0.51108	0.61586	0.42297	0.53554	0.70185	0.34455
0.178 - 0.399	0.27555	0.36566	0.18591	0.31756	0.48519	0.10695
-0.043 - 0.178	0.06212	0.16722	-0.02578	0.03918	0.20746	-0.20799
-0.264 - -0.043	-0.15663	-0.04793	-0.26233	-0.18040	0.07301	-0.39169
-0.485 - -0.264	-0.37654	-0.27597	-0.46924	-0.40255	-0.14129	-0.65958
-0.706 - -0.485	-0.57843	-0.49527	-0.67306	-0.64966	-0.49605	-0.87824
-0.928 - -0.706	-0.82888	-0.73309	-0.92353	-0.89941	-0.62872	-1.04523
-1.149 - -0.928	-1.04610	-0.92965	-1.14839	-1.13677	-0.94838	-1.36958
-1.370 - -1.149	-1.27233	-1.18001	-1.35477	-1.36976	-1.24997	-1.48341
-1.591 - -1.370	-1.49245	-1.37095	-1.58610	-1.63698	-1.50677	-1.75125
-1.812 - -1.591	-1.70238	-1.59446	-1.79769	-1.82487	-1.58791	-2.03918
-2.033 - -1.812	-1.92714	-1.86448	-2.03332	-2.07760	-1.79468	-2.14837

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.154 - 2.378	2.37834	2.37834	2.37834	2.53080	2.53080	2.53080
1.929 - 2.154	2.02692	2.02692	2.02692	2.14157	2.14157	2.14157
1.705 - 1.929	1.78579	1.81201	1.75958	1.86657	1.91976	1.81338
1.480 - 1.705	1.59844	1.70163	1.49981	1.73136	1.93737	1.54226
1.256 - 1.480	1.36701	1.46434	1.28129	1.47159	1.63467	1.33889
1.031 - 1.256	1.11776	1.25263	1.06080	1.21807	1.48934	0.99406
0.806 - 1.031	0.92785	1.03063	0.81808	1.05005	1.71506	0.60913
0.582 - 0.806	0.69959	0.79590	0.58617	0.77526	0.99693	0.25818
0.357 - 0.582	0.47320	0.58081	0.36561	0.42947	1.08830	-1.37563
0.133 - 0.357	0.24370	0.34896	0.13418	0.33592	1.62835	-0.34565
-0.092 - 0.133	0.04091	0.12936	-0.08687	0.02571	0.95030	-0.83184
-0.316 - -0.092	-0.19577	-0.09506	-0.31335	-0.21861	1.13984	-1.03519
-0.541 - -0.316	-0.43079	-0.33341	-0.52816	-0.58912	-0.14129	-2.12003
-0.766 - -0.541	-0.65543	-0.56198	-0.74853	-0.67558	1.06762	-1.72334
-0.990 - -0.766	-0.87082	-0.77272	-0.98869	-0.94795	-0.80863	-1.12723
-1.215 - -0.990	-1.08604	-0.99169	-1.19570	-1.05287	1.40120	-1.44120
-1.439 - -1.215	-1.33238	-1.22235	-1.43257	-1.42643	-1.17661	-1.65597
-1.664 - -1.439	-1.54859	-1.47334	-1.65576	-1.65624	-1.50677	-1.77371
-1.888 - -1.664	-1.76102	-1.67380	-1.87520	-1.97509	-1.79468	-2.14837
-2.113 - -1.888	-1.99495	-1.91230	-2.11300	-2.09103	-2.00400	-2.12353

Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	349
2	^(fold_=2)	341
3	^(fold_=3)	355
4	^(fold_=4)	354
5	^(fold_=5)	333
6	^(fold_=6)	331
7	^(fold_=7)	348
8	^(fold_=8)	340

SAS Enterprise Miner Report

Node=HP Regression stepwise Summary

Node id = HPReg3
 Node label = HP Regression stepwise
 Meta path = Ids => Trans => Grp5 => HPReg3
 Notes =

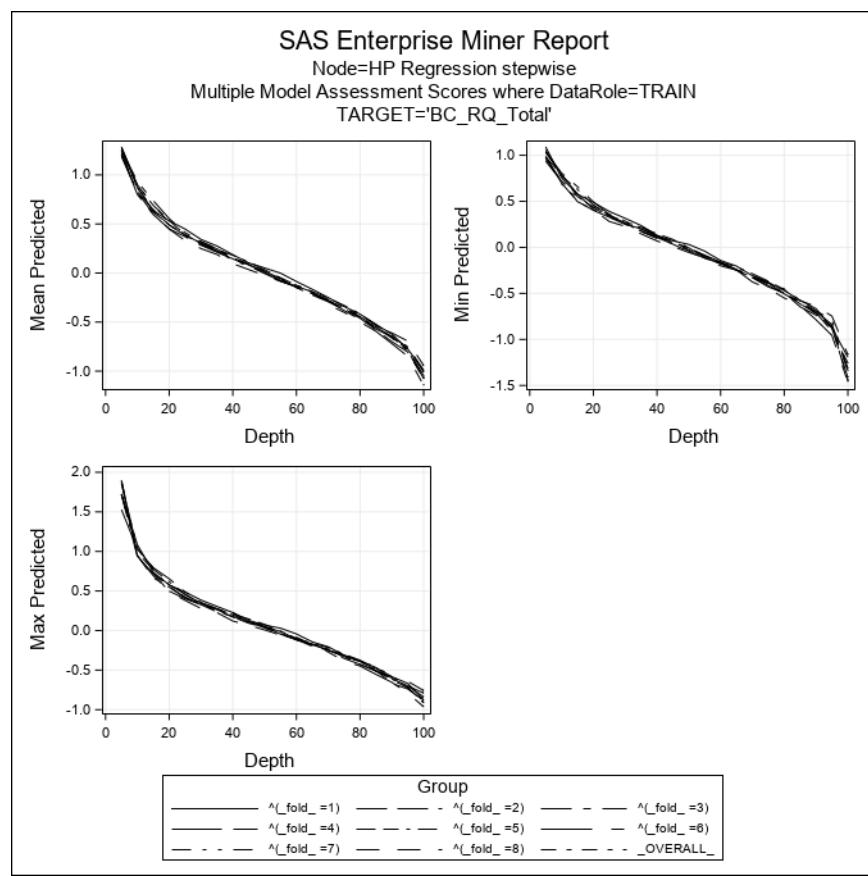
Node=HP Regression stepwise Properties

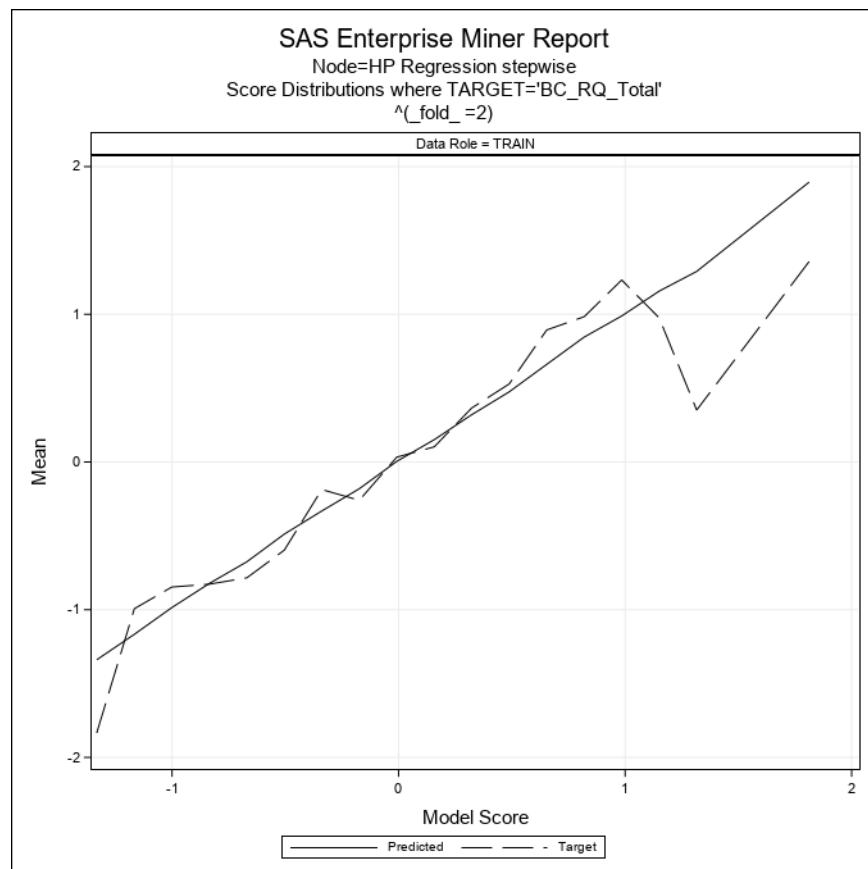
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	HPDMReg		MAXFUNC	.		Polynomial	N	
ABSCONV	.		MAXITER	.		PolynomialDegree	2	
ABSFCONV	.		MAXTIME	.		SLEntry	0.1	0.05
ABSGCONV	.		MINITER	.		SLStay	0.2	0.05
EXCLUDEDVARIABLE	REJECT		MISSASLVL	N		SelectCriterion	ADJRSQ	DEFAULT
Error	NORMAL	LOGISTIC	MainEffect	Y		SelectMethod	STEPWISE	NONE
FCONV	.		MaxEffects	0		SelectUseDefault	Y	
GCONV	.		MaxSteps	0		StopCriterion	ADJRSQ	DEFAULT
Hierarchy	NONE		MinEffects	0		SuppressIntercept	N	
Host	Local		NCPU	Actual		SuppressOutput	N	
Interactions			NNode	0		TECH	NRRIDG	
LinkFunction	LOGIT		NORMALIZE	Y		Term	Y	
LogDetails	N		NThreads	Default		Timeout	120	

Node=HP Regression stepwise Variable Summary

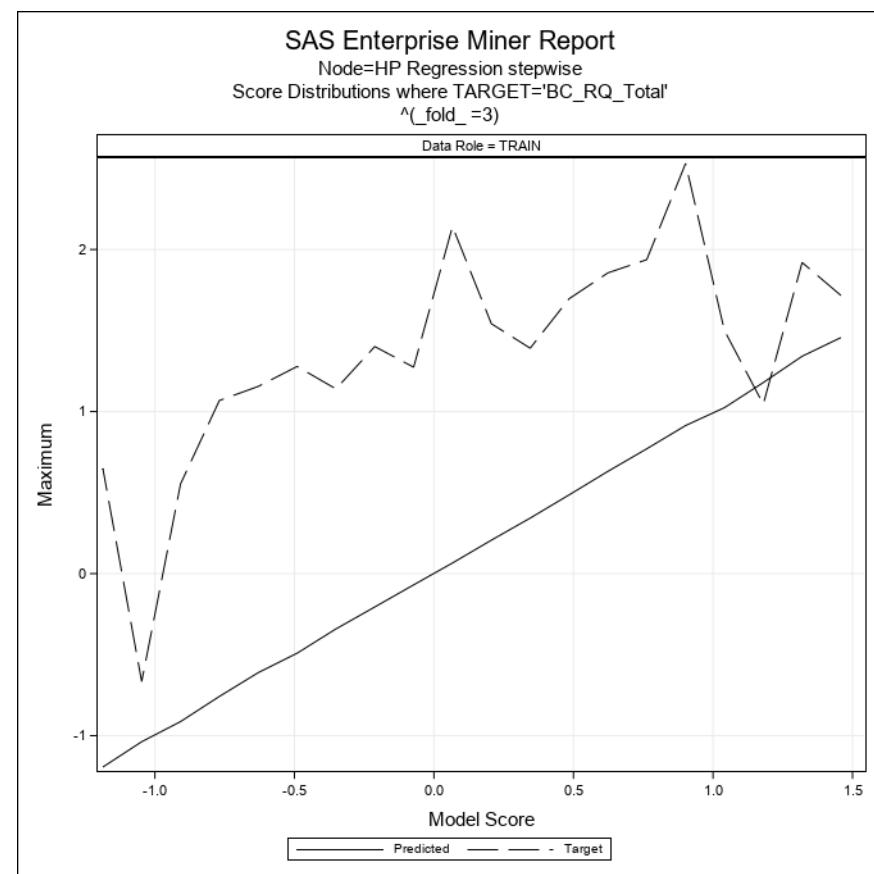
Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Group Index	Group	Train: Target Variable	Train:	Train:	Train:	Train:	Train:	Train:
			Average Squared Error	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Root Average Squared Error	Sum of Squared Errors
1	^(fold_=1)	BC_RQ_Total	0.69070	353	2.55245	353	0.83108	243.815 ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	0.67741	343	2.57330	343	0.82305	232.351 ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	0.67646	345	2.38660	345	0.82247	233.378 ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	0.67869	343	2.48444	343	0.82382	232.790 ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	0.71038	353	2.50638	353	0.84284	250.763 ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Total	0.66528	337	2.56635	337	0.81565	224.198 ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Total	0.71048	341	2.49051	341	0.84290	242.273 ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Total	0.68901	340	2.36496	340	0.83006	234.262 ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Total	0.70569	393	2.53690	393	0.84005	277.336 ReQuest (total score) (Box-Cox transformed)













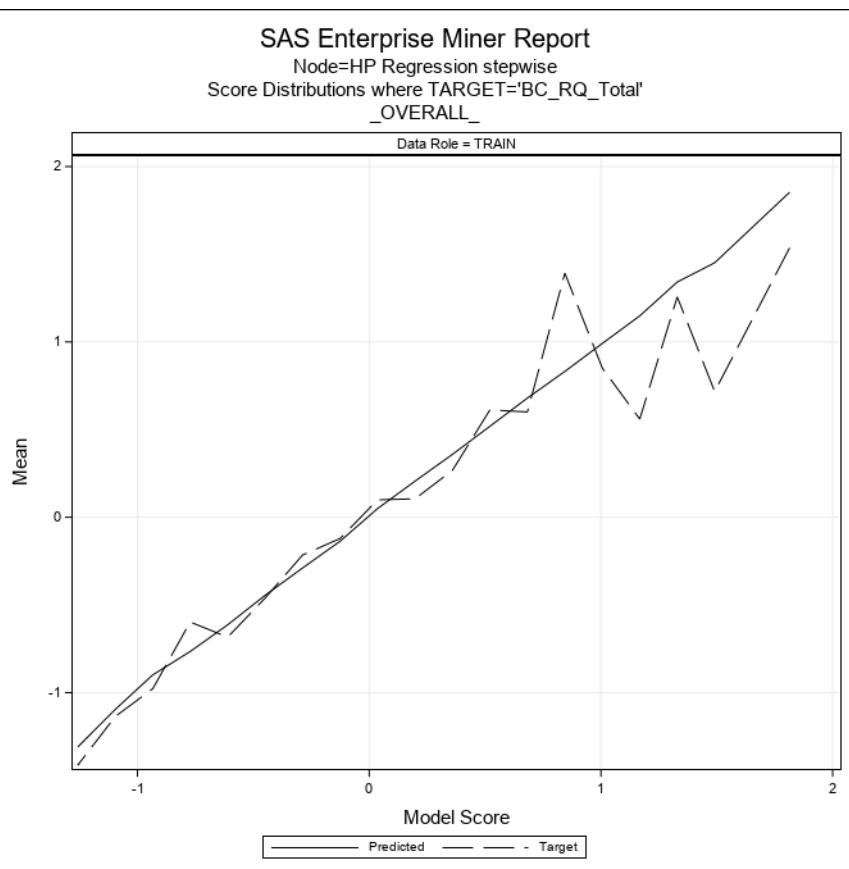




SAS Enterprise Miner Report
 Node=HP Regression stepwise
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}8)$



SAS Enterprise Miner Report
 Node=HP Regression stepwise
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}8)$
OVERALL





Node=HP Regression stepwise Score Distributions

Group=^(_fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.574 - 1.719	1.71915	1.71915	1.71915	1.35740	1.35740	1.35740
1.282 - 1.428	1.34570	1.42613	1.28405	1.01290	1.76112	-0.07650
1.137 - 1.282	1.21021	1.27431	1.13969	0.86487	2.53080	-1.33329
0.991 - 1.137	1.06167	1.09218	1.00259	0.81360	1.48934	0.25818
0.846 - 0.991	0.89181	0.92303	0.86903	1.17043	1.93737	0.29246
0.700 - 0.846	0.78750	0.83831	0.70142	1.16165	1.81338	0.10695
0.555 - 0.700	0.60839	0.69723	0.55491	0.96691	1.69572	-0.09671
0.409 - 0.555	0.48937	0.55417	0.41803	0.57758	1.85573	-1.18976
0.264 - 0.409	0.32289	0.40186	0.26362	0.09896	1.42447	-1.44120
0.118 - 0.264	0.18438	0.26058	0.12059	0.21019	1.54226	-1.71804
-0.028 - 0.118	0.04777	0.11656	-0.02423	-0.00417	1.53402	-1.51040
-0.173 - -0.028	-0.10490	-0.03266	-0.17023	-0.11416	1.27377	-1.68223
-0.319 - -0.173	-0.24865	-0.17510	-0.31813	0.02728	2.14157	-1.71630
-0.464 - -0.319	-0.38693	-0.32515	-0.46066	-0.54523	1.06828	-2.03918
-0.610 - -0.464	-0.53446	-0.46497	-0.60854	-0.65295	1.13984	-2.12353
-0.755 - -0.610	-0.66471	-0.61719	-0.74819	-0.79991	1.27810	-1.85583
-0.901 - -0.755	-0.84336	-0.77923	-0.89362	-0.97725	0.55336	-2.14837
-1.046 - -0.901	-0.97299	-0.90243	-1.04392	-0.62261	0.64939	-2.11306
-1.192 - -1.046	-1.13070	-1.05999	-1.19204	-0.96587	-0.03051	-2.12353

Node=HP Regression stepwise Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.730 - 1.895	1.89511	1.89511	1.89511	1.35740	1.35740	1.35740
1.233 - 1.399	1.29026	1.35791	1.24001	0.35153	1.76112	-1.33329
1.068 - 1.233	1.15692	1.21858	1.08691	0.97566	1.91976	0.25818
0.902 - 1.068	0.98861	1.06555	0.92958	1.23218	2.53080	-0.09493
0.737 - 0.902	0.84588	0.89918	0.76798	0.98391	1.93737	-0.71719
0.571 - 0.737	0.66096	0.72943	0.58097	0.89374	1.81338	-0.43311
0.406 - 0.571	0.47515	0.56031	0.40670	0.52860	1.85573	-1.45147
0.240 - 0.406	0.32020	0.40540	0.24301	0.36571	1.63467	-1.71804
0.075 - 0.240	0.15124	0.23939	0.08567	0.10262	1.42447	-1.44120
-0.091 - 0.075	0.00423	0.07419	-0.08534	0.03276	1.53402	-1.71630
-0.256 - -0.091	-0.18110	-0.09666	-0.24827	-0.25919	1.40120	-2.12003
-0.422 - -0.256	-0.33164	-0.26109	-0.41585	-0.18647	1.27810	-1.60749
-0.587 - -0.422	-0.48824	-0.42982	-0.57675	-0.59684	1.13984	-2.00400
-0.753 - -0.587	-0.67581	-0.59398	-0.73847	-0.78434	1.15516	-2.03918
-0.918 - -0.753	-0.82234	-0.76688	-0.89747	-0.82722	0.53607	-2.12003
-1.084 - -0.918	-0.98569	-0.93795	-1.02961	-0.84654	0.55336	-2.14837
-1.249 - -1.084	-1.16663	-1.11359	-1.24597	-0.99331	0.64939	-2.11306
-1.415 - -1.249	-1.33862	-1.26257	-1.41467	-1.83193	-1.54033	-2.12353

Node=HP Regression stepwise Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.389 - 1.528	1.45674	1.52818	1.40537	1.22720	1.71614	-0.07723
1.250 - 1.389	1.34124	1.38447	1.29301	1.18041	1.91976	-0.07650
1.111 - 1.250	1.17900	1.19189	1.16612	0.65171	1.04524	0.25818
0.971 - 1.111	1.02389	1.08925	0.97807	0.73388	1.49995	-1.33329
0.832 - 0.971	0.91373	0.96659	0.83740	1.29237	2.53080	0.60913
0.693 - 0.832	0.77010	0.81518	0.71213	1.13145	1.93737	-0.08807
0.554 - 0.693	0.63090	0.69241	0.56343	0.70561	1.85573	-0.71719
0.414 - 0.554	0.48558	0.53671	0.43108	0.54832	1.69572	-0.37628
0.275 - 0.414	0.34263	0.40730	0.27733	0.22926	1.39090	-1.71804
0.136 - 0.275	0.20628	0.26489	0.14058	0.05857	1.54226	-1.44120
-0.003 - 0.136	0.06561	0.13426	-0.00005	0.23046	2.14157	-1.39504
-0.142 - -0.003	-0.06930	-0.00613	-0.13693	-0.12296	1.27377	-1.60749
-0.282 - -0.142	-0.20579	-0.14563	-0.27904	-0.18221	1.40120	-2.03918
-0.421 - -0.282	-0.34132	-0.28509	-0.40556	-0.45897	1.13984	-2.12003
-0.560 - -0.421	-0.49115	-0.42099	-0.55284	-0.25734	1.27810	-2.12003
-0.699 - -0.560	-0.61114	-0.56855	-0.69422	-0.37884	1.15516	-2.03918
-0.838 - -0.699	-0.75774	-0.70643	-0.83381	-0.94527	1.06828	-1.98818
-0.978 - -0.838	-0.91315	-0.84443	-0.97549	-1.39488	0.55336	-2.12353
-1.117 - -0.978	-1.03735	-0.99516	-1.09013	-1.50366	-0.66623	-2.14837
-1.256 - -1.117	-1.19378	-1.13908	-1.25609	-0.62474	0.64939	-1.54033

Node=HP Regression stepwise Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.717 - 1.877	1.87689	1.87689	1.87689	1.35740	1.35740	1.35740
1.558 - 1.717	1.70583	1.70583	1.70583	-0.07650	-0.07650	-0.07650
1.399 - 1.558	1.50636	1.50636	1.50636	1.71614	1.71614	1.71614
1.239 - 1.399	1.32554	1.38956	1.26152	0.12978	0.33679	-0.07723
1.080 - 1.239	1.14093	1.16960	1.09443	0.67347	1.74649	-1.33329
0.920 - 1.080	1.00698	1.07195	0.92656	1.24314	2.53080	-0.09493
0.761 - 0.920	0.81799	0.91602	0.76687	0.95792	1.65154	-0.71719
0.601 - 0.761	0.67808	0.75137	0.60293	1.08499	1.93737	0.10695
0.442 - 0.601	0.50568	0.57428	0.44374	0.66157	1.34601	-0.32455
0.282 - 0.442	0.36617	0.42262	0.29585	0.44824	1.85573	-0.65958
0.123 - 0.282	0.20901	0.28220	0.12636	0.10555	1.33127	-1.71804
-0.037 - 0.123	0.05282	0.11164	-0.01834	0.13298	1.39090	-2.12003
-0.196 - -0.037	-0.11188	-0.03836	-0.19560	-0.26383	1.53402	-1.71630
-0.355 - -0.196	-0.25953	-0.19740	-0.35264	-0.17920	1.40120	-1.50677
-0.515 - -0.355	-0.43796	-0.35790	-0.51231	-0.26852	1.13984	-2.03918
-0.674 - -0.515	-0.60331	-0.51634	-0.67419	-0.96200	1.15516	-2.12353
-0.834 - -0.674	-0.74862	-0.68782	-0.83289	-0.74816	0.90261	-1.98818
-0.993 - -0.834	-0.91855	-0.83796	-0.98842	-0.90513	0.55336	-2.14837
-1.153 - -0.993	-1.03240	-1.00031	-1.11645	-0.80303	0.64939	-2.11306
-1.312 - -1.153	-1.26216	-1.18729	-1.31216	-0.98815	-0.38093	-1.54033

Node=HP Regression stepwise Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.687 - 1.852	1.83192	1.85154	1.81229	1.53677	1.71614	1.35740
1.522 - 1.687	1.59650	1.63095	1.56206	0.37397	0.82445	-0.07650
1.192 - 1.357	1.28505	1.33285	1.21471	1.25683	1.76112	-0.07723
1.027 - 1.192	1.10304	1.18206	1.03257	0.99481	2.53080	-1.33329
0.862 - 1.027	0.94172	1.00613	0.88354	0.89255	1.93737	-0.09493
0.697 - 0.862	0.78038	0.84624	0.71850	1.11883	1.81338	-0.08807
0.532 - 0.697	0.62493	0.69671	0.54566	0.99144	1.85573	-0.09671
0.367 - 0.532	0.44807	0.51704	0.37054	0.32912	1.69572	-1.71804
0.202 - 0.367	0.27701	0.36616	0.20475	0.27170	1.63467	-1.44120
0.037 - 0.202	0.12108	0.20167	0.03823	-0.00816	1.39377	-1.39504
-0.128 - 0.037	-0.04860	0.03589	-0.12694	-0.12724	1.53402	-1.71630
-0.293 - -0.128	-0.20933	-0.13146	-0.28654	-0.09299	2.14157	-2.12003
-0.458 - -0.293	-0.36934	-0.29918	-0.45613	-0.36107	1.27810	-2.03918
-0.623 - -0.458	-0.53867	-0.45798	-0.62158	-0.67648	1.13984	-2.12353
-0.788 - -0.623	-0.69612	-0.62291	-0.77951	-0.62294	1.15516	-2.12003
-0.953 - -0.788	-0.85289	-0.79019	-0.93409	-0.78092	0.55336	-2.14837
-1.118 - -0.953	-1.00629	-0.96395	-1.11323	-1.03600	0.64939	-1.90123
-1.282 - -1.118	-1.18669	-1.12697	-1.25476	-1.73574	-0.98842	-2.12353
-1.447 - -1.282	-1.39491	-1.34241	-1.44740	-0.96063	-0.38093	-1.54033

Node=HP Regression stepwise Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.567 - 1.726	1.72627	1.72627	1.72627	1.35740	1.35740	1.35740
1.408 - 1.567	1.45721	1.46632	1.44810	0.84231	1.76112	-0.07650
1.248 - 1.408	1.29300	1.37342	1.25875	1.04430	1.74649	0.33679
1.089 - 1.248	1.20867	1.23305	1.16961	0.46577	1.17010	-1.33329
0.929 - 1.089	1.02601	1.07689	0.97189	1.04222	2.53080	-0.09493
0.770 - 0.929	0.82020	0.86036	0.78323	1.03088	1.67589	-0.71719
0.611 - 0.770	0.69078	0.77005	0.62686	0.76221	1.85573	-0.43311
0.451 - 0.611	0.52057	0.59108	0.45793	0.65907	1.44711	-0.32455
0.292 - 0.451	0.36315	0.45111	0.29710	0.48681	1.69572	-1.45147
0.133 - 0.292	0.20849	0.28660	0.13458	0.25225	1.42447	-1.44120
-0.027 - 0.133	0.05674	0.12792	-0.01992	-0.16707	1.20060	-1.71630
-0.186 - -0.027	-0.11774	-0.03203	-0.18257	-0.01635	2.14157	-1.60749
-0.345 - -0.186	-0.26695	-0.18936	-0.32581	-0.27324	1.40120	-1.93471
-0.505 - -0.345	-0.41710	-0.34600	-0.49947	-0.42516	1.27810	-2.12353
-0.664 - -0.505	-0.57845	-0.51005	-0.65469	-0.47497	1.13984	-2.03918
-0.824 - -0.664	-0.75013	-0.67067	-0.81473	-0.76393	1.15516	-2.12003
-0.983 - -0.824	-0.89691	-0.82364	-0.96371	-0.98615	0.09291	-1.90123
-1.142 - -0.983	-1.04031	-0.98480	-1.11153	-1.36464	-0.61466	-2.14837
-1.302 - -1.142	-1.25126	-1.17544	-1.30021	-1.82899	-1.65597	-2.11306
-1.461 - -1.302	-1.41845	-1.36196	-1.46095	-0.98815	-0.38093	-1.54033

Node=HP Regression stepwise Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.573 - 1.726	1.72581	1.72581	1.72581	1.35740	1.35740	1.35740
1.419 - 1.573	1.45259	1.45678	1.44840	1.29279	1.76112	0.82445
1.266 - 1.419	1.35442	1.39969	1.30932	0.52080	1.71614	-0.07723
1.113 - 1.266	1.16949	1.22471	1.13321	0.49259	1.71506	-1.33329
0.960 - 1.113	1.05933	1.09248	0.98469	1.02534	1.74649	0.29246
0.807 - 0.960	0.89949	0.95383	0.87407	1.10388	2.53080	-0.09493
0.653 - 0.807	0.74805	0.79314	0.66629	1.13725	1.93737	0.10695
0.500 - 0.653	0.58270	0.64860	0.50328	0.75629	1.81338	-0.87824
0.347 - 0.500	0.41458	0.48296	0.36273	0.49763	1.85573	-0.43311
0.194 - 0.347	0.27053	0.34034	0.20252	0.22288	1.54226	-1.71804
0.041 - 0.194	0.10624	0.17754	0.04814	0.14821	1.39090	-1.24826
-0.113 - 0.041	-0.03903	0.04045	-0.11234	-0.20334	1.39377	-2.12003
-0.266 - -0.113	-0.20022	-0.11771	-0.26388	-0.16614	2.14157	-1.93471
-0.419 - -0.266	-0.35509	-0.26735	-0.41250	0.05941	1.27810	-2.03918
-0.572 - -0.419	-0.48798	-0.41939	-0.56662	-0.63289	1.13984	-2.12353
-0.725 - -0.572	-0.64575	-0.57654	-0.71984	-0.90556	1.15516	-2.12003
-0.879 - -0.725	-0.77913	-0.73542	-0.84230	-1.00700	0.53607	-2.14837
-1.032 - -0.879	-0.96264	-0.89334	-1.02960	-0.78147	0.51216	-1.66099
-1.185 - -1.032	-1.10607	-1.06631	-1.14371	-0.89325	0.64939	-2.12353
-1.338 - -1.185	-1.29167	-1.24513	-1.33821	-1.29176	-1.04319	-1.54033

Node=HP Regression stepwise Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.574 - 1.718	1.71777	1.71777	1.71777	1.35740	1.35740	1.35740
1.429 - 1.574	1.47706	1.47706	1.47706	1.51134	1.51134	1.51134
1.285 - 1.429	1.35122	1.38036	1.30235	1.03417	1.76112	-0.07723
1.141 - 1.285	1.17477	1.21187	1.14827	0.89460	1.71506	-0.07650
0.997 - 1.141	1.02230	1.03167	1.00259	0.68683	1.91976	-1.33329
0.853 - 0.997	0.91821	0.97087	0.86087	0.91643	2.53080	0.25818
0.708 - 0.853	0.78129	0.84625	0.72175	1.02444	1.93737	-0.87824
0.564 - 0.708	0.63962	0.70485	0.59918	0.88359	1.67589	-0.43311
0.420 - 0.564	0.47565	0.55322	0.42008	0.65317	1.85573	-1.14437
0.276 - 0.420	0.33606	0.41267	0.27886	0.29956	1.54226	-1.71804
0.132 - 0.276	0.21740	0.27060	0.14680	0.15370	1.29809	-1.44120
-0.013 - 0.132	0.05991	0.12040	-0.01098	0.04450	1.39090	-1.37563
-0.157 - -0.013	-0.08532	-0.01332	-0.15370	-0.18438	1.39377	-2.12003
-0.301 - -0.157	-0.23308	-0.15695	-0.29946	-0.17329	1.40120	-1.93471
-0.445 - -0.301	-0.36873	-0.30140	-0.43753	-0.33827	1.27810	-2.00400
-0.590 - -0.445	-0.52855	-0.45242	-0.58612	-0.31430	1.15516	-2.12353
-0.734 - -0.590	-0.64751	-0.59443	-0.72773	-0.76862	0.90261	-2.12003
-0.878 - -0.734	-0.80110	-0.73656	-0.87231	-0.81112	0.44271	-1.85583
-1.022 - -0.878	-0.91458	-0.88866	-0.93926	-1.44563	-0.66623	-2.14837
-1.166 - -1.022	-1.09995	-1.05732	-1.16635	-1.05783	0.64939	-2.11306

Node=HP Regression stepwise Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.733 - 1.895	1.85370	1.89511	1.81229	1.53677	1.71614	1.35740
1.410 - 1.572	1.45160	1.47706	1.42613	0.71742	1.51134	-0.07650
1.248 - 1.410	1.34170	1.39423	1.29087	1.25683	1.76112	-0.07723
1.087 - 1.248	1.14868	1.23305	1.11353	0.55985	1.91976	-1.33329
0.925 - 1.087	0.99135	1.07689	0.94461	0.85134	1.74649	-0.09493
0.763 - 0.925	0.83183	0.91641	0.76495	1.39206	2.53080	0.10695
0.602 - 0.763	0.67992	0.73478	0.60929	0.60071	1.44711	-0.71719
0.440 - 0.602	0.51898	0.60081	0.44244	0.61248	1.69572	-0.82199
0.278 - 0.440	0.35887	0.43129	0.29435	0.26790	1.85573	-1.45147
0.117 - 0.278	0.20599	0.27060	0.11810	0.10518	1.54226	-1.71804
-0.045 - 0.117	0.04958	0.11547	-0.04146	0.09957	1.42447	-1.51040
-0.207 - -0.045	-0.13666	-0.04914	-0.20377	-0.12118	2.14157	-1.68223
-0.368 - -0.207	-0.28895	-0.21214	-0.36761	-0.21503	1.53402	-2.12003
-0.530 - -0.368	-0.44487	-0.37758	-0.51950	-0.46053	1.27810	-2.12003
-0.692 - -0.530	-0.61310	-0.54300	-0.68796	-0.68342	1.15516	-2.12353
-0.853 - -0.692	-0.76561	-0.69839	-0.84653	-0.59742	0.90261	-1.98839
-1.015 - -0.853	-0.89878	-0.85439	-0.97549	-0.97754	0.07301	-1.75125
-1.177 - -1.015	-1.09536	-1.02328	-1.16887	-1.13614	0.64939	-2.14837
-1.338 - -1.177	-1.30951	-1.27814	-1.33821	-1.41316	-1.04319	-1.65597

Node=HP Regression stepwise Summary

Group Index	Group	Frequency Count
1	$\wedge(\text{fold_}=1)$	345
2	$\wedge(\text{fold_}=2)$	343
3	$\wedge(\text{fold_}=3)$	345
4	$\wedge(\text{fold_}=4)$	337
5	$\wedge(\text{fold_}=5)$	342
6	$\wedge(\text{fold_}=6)$	342
7	$\wedge(\text{fold_}=7)$	350
8	$\wedge(\text{fold_}=8)$	347

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp5
 Node label = End Groups
 Meta path = Ids => Trans => Grp5 => HPReg3 => EndGrp5
 Notes =

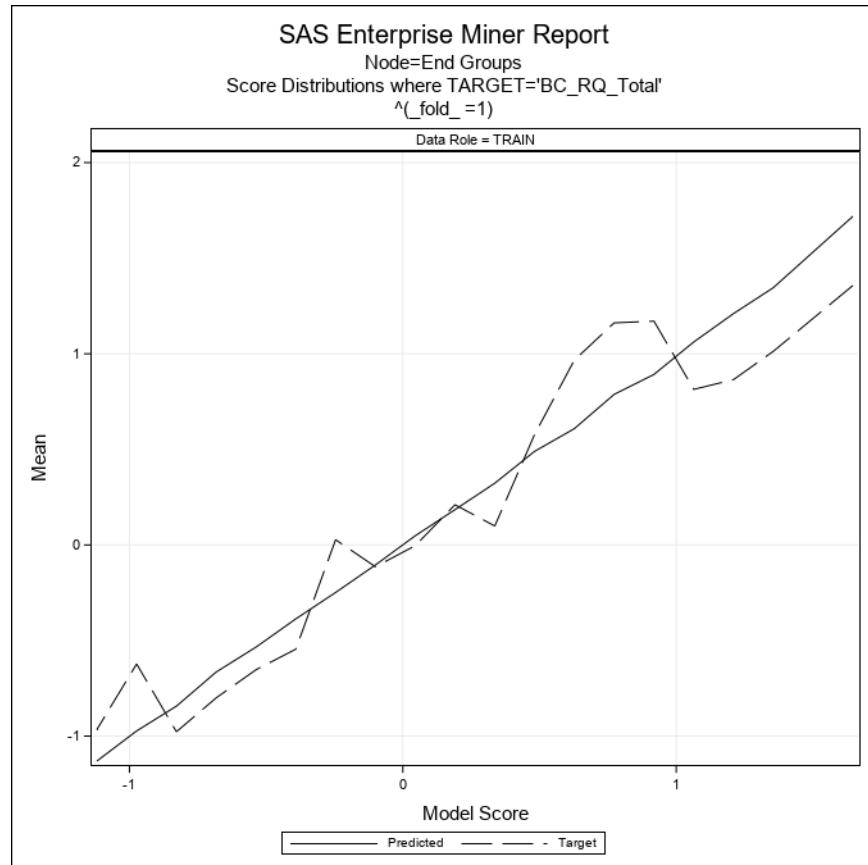
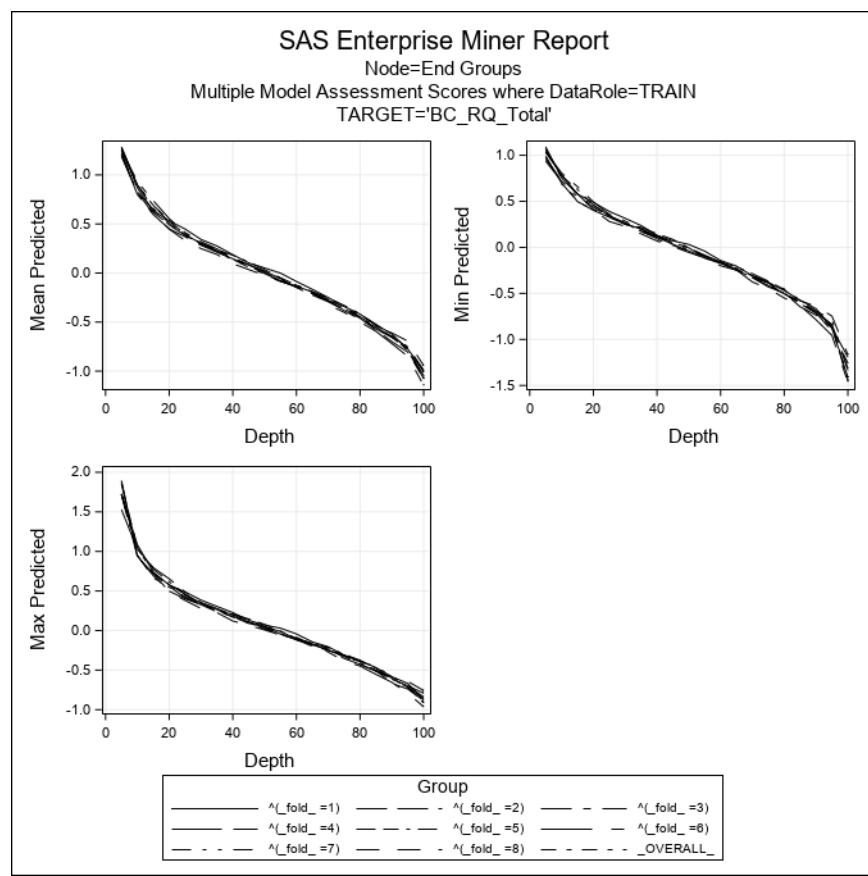
Node=End Groups Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

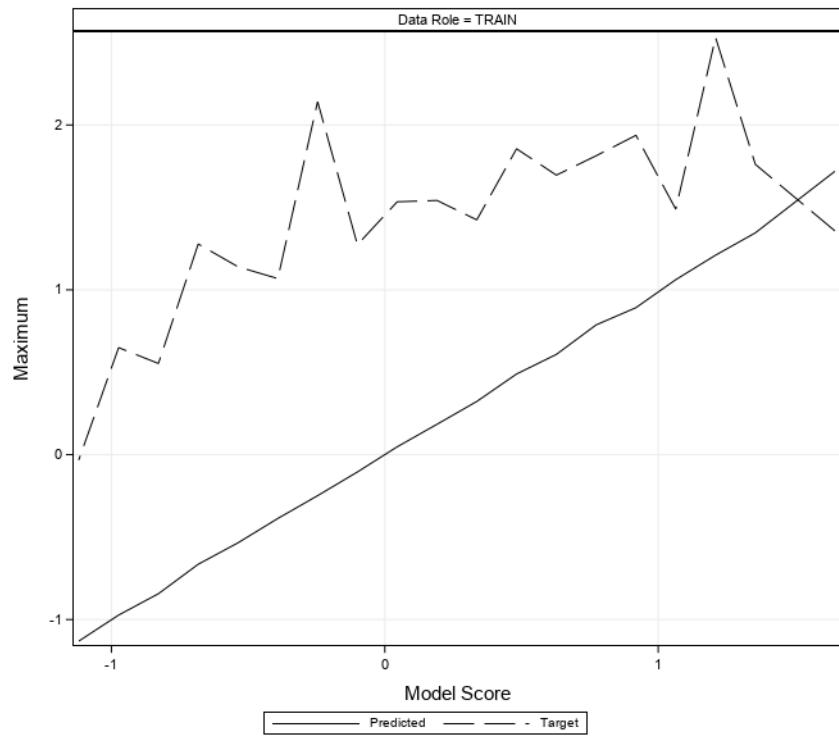
Node=End Groups Variable Summary

Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	13	BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT NEO_C_imp_IT NEO_E_imp_IT PASStot_imp_IT PCCLext_imp_IT PCCLint_imp_IT PCCLpco_imp_IT PHQ9dep_imp_IT VSltot_imp_IT_XVAL_	
INPUT	NOMINAL	1	classification	

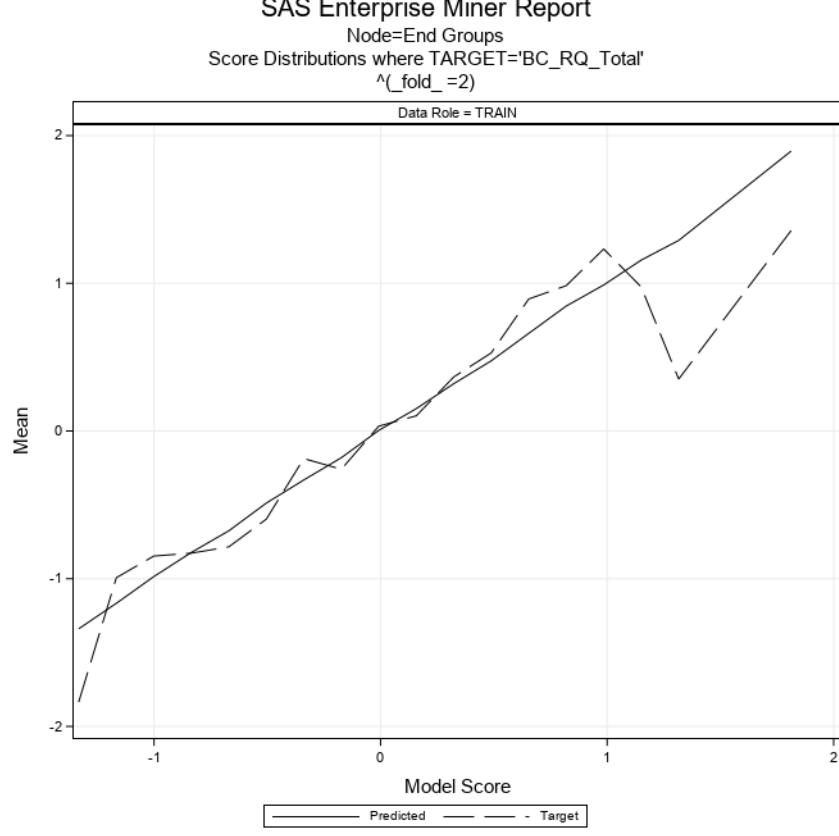
Group Index	Group	ModelId	Train: Target Variable	Train:		Train:		Train:		Train:	
				Average Squared Error	ASE	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Root Squared Errors	Sum of Squared Errors
1	^(fold_=1)	HPReg3	BC_RQ_Total	0.69070	353	2.55245	353	0.83108	243.815	ReQuest (total score) (Box-Cox transformed)	
2	^(fold_=2)	HPReg3	BC_RQ_Total	0.67741	343	2.57330	343	0.82305	232.351	ReQuest (total score) (Box-Cox transformed)	
3	^(fold_=3)	HPReg3	BC_RQ_Total	0.67646	345	2.38660	345	0.82247	233.378	ReQuest (total score) (Box-Cox transformed)	
4	^(fold_=4)	HPReg3	BC_RQ_Total	0.67869	343	2.48444	343	0.82382	232.790	ReQuest (total score) (Box-Cox transformed)	
5	^(fold_=5)	HPReg3	BC_RQ_Total	0.71038	353	2.50638	353	0.84284	250.763	ReQuest (total score) (Box-Cox transformed)	
6	^(fold_=6)	HPReg3	BC_RQ_Total	0.66528	337	2.56635	337	0.81565	224.198	ReQuest (total score) (Box-Cox transformed)	
7	^(fold_=7)	HPReg3	BC_RQ_Total	0.71048	341	2.49051	341	0.84290	242.273	ReQuest (total score) (Box-Cox transformed)	
8	^(fold_=8)	HPReg3	BC_RQ_Total	0.68901	340	2.36496	340	0.83006	234.262	ReQuest (total score) (Box-Cox transformed)	
9	_OVERALL_		BC_RQ_Total	0.69522	393	2.36496	393	0.83380	273.222	ReQuest (total score) (Box-Cox transformed)	



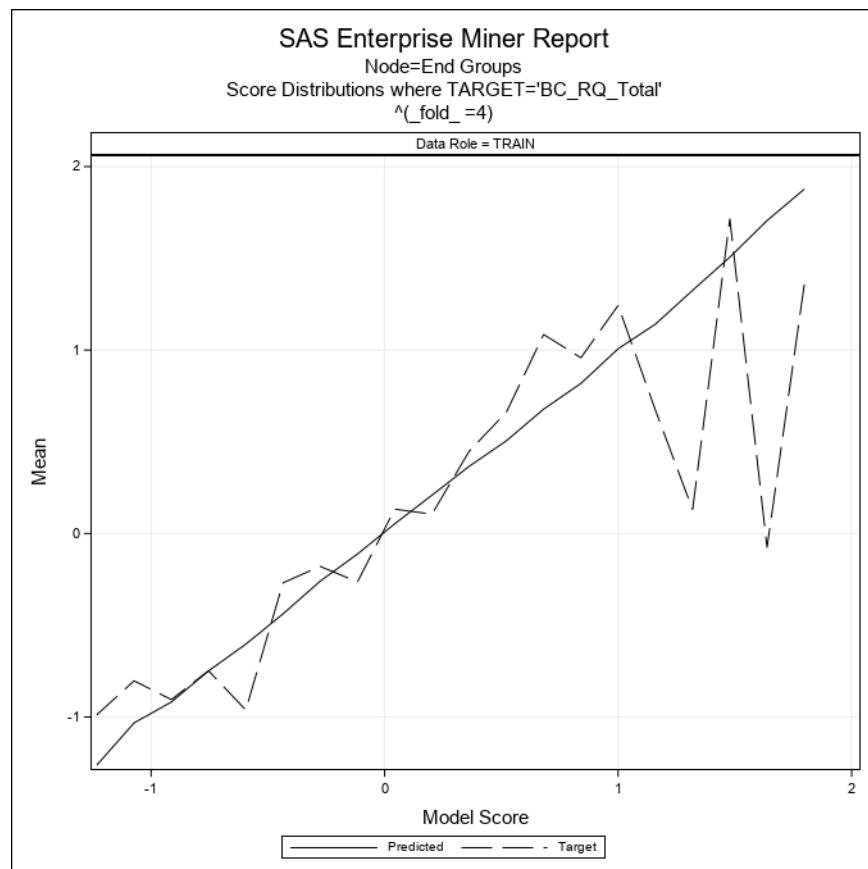
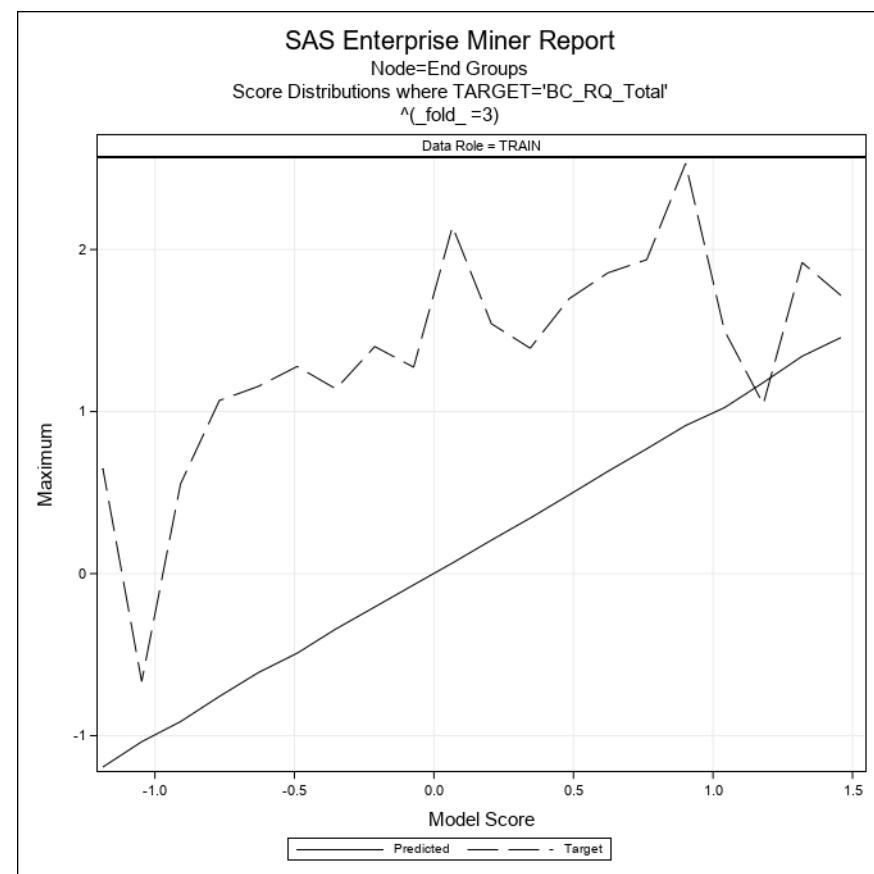
SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=1)



SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)



















Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.574 - 1.719	1.71915	1.71915	1.71915	1.35740	1.35740	1.35740
1.282 - 1.428	1.34570	1.42613	1.28405	1.01290	1.76112	-0.07650
1.137 - 1.282	1.21021	1.27431	1.13969	0.86487	2.53080	-1.33329
0.991 - 1.137	1.06167	1.09218	1.00259	0.81360	1.48934	0.25818
0.846 - 0.991	0.89181	0.92303	0.86903	1.17043	1.93737	0.29246
0.700 - 0.846	0.78750	0.83831	0.70142	1.16165	1.81338	0.10695
0.555 - 0.700	0.60839	0.69723	0.55491	0.96691	1.69572	-0.09671
0.409 - 0.555	0.48937	0.55417	0.41803	0.57758	1.85573	-1.18976
0.264 - 0.409	0.32289	0.40186	0.26362	0.09896	1.42447	-1.44120
0.118 - 0.264	0.18438	0.26058	0.12059	0.21019	1.54226	-1.71804
-0.028 - 0.118	0.04777	0.11656	-0.02423	-0.00417	1.53402	-1.51040
-0.173 - -0.028	-0.10490	-0.03266	-0.17023	-0.11416	1.27377	-1.68223
-0.319 - -0.173	-0.24865	-0.17510	-0.31813	0.02728	2.14157	-1.71630
-0.464 - -0.319	-0.38693	-0.32515	-0.46066	-0.54523	1.06828	-2.03918
-0.610 - -0.464	-0.53446	-0.46497	-0.60854	-0.65295	1.13984	-2.12353
-0.755 - -0.610	-0.66471	-0.61719	-0.74819	-0.79991	1.27810	-1.85583
-0.901 - -0.755	-0.84336	-0.77923	-0.89362	-0.97725	0.55336	-2.14837
-1.046 - -0.901	-0.97299	-0.90243	-1.04392	-0.62261	0.64939	-2.11306
-1.192 - -1.046	-1.13070	-1.05999	-1.19204	-0.96587	-0.03051	-2.12353

Node=End Groups Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.730 - 1.895	1.89511	1.89511	1.89511	1.35740	1.35740	1.35740
1.233 - 1.399	1.29026	1.35791	1.24001	0.35153	1.76112	-1.33329
1.068 - 1.233	1.15692	1.21858	1.08691	0.97566	1.91976	0.25818
0.902 - 1.068	0.98861	1.06555	0.92958	1.23218	2.53080	-0.09493
0.737 - 0.902	0.84588	0.89918	0.76798	0.98391	1.93737	-0.71719
0.571 - 0.737	0.66096	0.72943	0.58097	0.89374	1.81338	-0.43311
0.406 - 0.571	0.47515	0.56031	0.40670	0.52860	1.85573	-1.45147
0.240 - 0.406	0.32020	0.40540	0.24301	0.36571	1.63467	-1.71804
0.075 - 0.240	0.15124	0.23939	0.08567	0.10262	1.42447	-1.44120
-0.091 - 0.075	0.00423	0.07419	-0.08534	0.03276	1.53402	-1.71630
-0.256 - -0.091	-0.18110	-0.09666	-0.24827	-0.25919	1.40120	-2.12003
-0.422 - -0.256	-0.33164	-0.26109	-0.41585	-0.18647	1.27810	-1.60749
-0.587 - -0.422	-0.48824	-0.42982	-0.57675	-0.59684	1.13984	-2.00400
-0.753 - -0.587	-0.67581	-0.59398	-0.73847	-0.78434	1.15516	-2.03918
-0.918 - -0.753	-0.82234	-0.76688	-0.89747	-0.82722	0.53607	-2.12003
-1.084 - -0.918	-0.98569	-0.93795	-1.02961	-0.84654	0.55336	-2.14837
-1.249 - -1.084	-1.16663	-1.11359	-1.24597	-0.99331	0.64939	-2.11306
-1.415 - -1.249	-1.33862	-1.26257	-1.41467	-1.83193	-1.54033	-2.12353

Node=End Groups Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.389 - 1.528	1.45674	1.52818	1.40537	1.22720	1.71614	-0.07723
1.250 - 1.389	1.34124	1.38447	1.29301	1.18041	1.91976	-0.07650
1.111 - 1.250	1.17900	1.19189	1.16612	0.65171	1.04524	0.25818
0.971 - 1.111	1.02389	1.08925	0.97807	0.73388	1.49995	-1.33329
0.832 - 0.971	0.91373	0.96659	0.83740	1.29237	2.53080	0.60913
0.693 - 0.832	0.77010	0.81518	0.71213	1.13145	1.93737	-0.08807
0.554 - 0.693	0.63090	0.69241	0.56343	0.70561	1.85573	-0.71719
0.414 - 0.554	0.48558	0.53671	0.43108	0.54832	1.69572	-0.37628
0.275 - 0.414	0.34263	0.40730	0.27733	0.22926	1.39090	-1.71804
0.136 - 0.275	0.20628	0.26489	0.14058	0.05857	1.54226	-1.44120
-0.003 - 0.136	0.06561	0.13426	-0.00005	0.23046	2.14157	-1.39504
-0.142 - -0.003	-0.06930	-0.00613	-0.13693	-0.12296	1.27377	-1.60749
-0.282 - -0.142	-0.20579	-0.14563	-0.27904	-0.18221	1.40120	-2.03918
-0.421 - -0.282	-0.34132	-0.28509	-0.40556	-0.45897	1.13984	-2.12003
-0.560 - -0.421	-0.49115	-0.42099	-0.55284	-0.25734	1.27810	-2.12003
-0.699 - -0.560	-0.61114	-0.56855	-0.69422	-0.37884	1.15516	-2.03918
-0.838 - -0.699	-0.75774	-0.70643	-0.83381	-0.94527	1.06828	-1.98818
-0.978 - -0.838	-0.91315	-0.84443	-0.97549	-1.39488	0.55336	-2.12353
-1.117 - -0.978	-1.03735	-0.99516	-1.09013	-1.50366	-0.66623	-2.14837
-1.256 - -1.117	-1.19378	-1.13908	-1.25609	-0.62474	0.64939	-1.54033

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.717 - 1.877	1.87689	1.87689	1.87689	1.35740	1.35740	1.35740
1.558 - 1.717	1.70583	1.70583	1.70583	-0.07650	-0.07650	-0.07650
1.399 - 1.558	1.50636	1.50636	1.50636	1.71614	1.71614	1.71614
1.239 - 1.399	1.32554	1.38956	1.26152	0.12978	0.33679	-0.07723
1.080 - 1.239	1.14093	1.16960	1.09443	0.67347	1.74649	-1.33329
0.920 - 1.080	1.00698	1.07195	0.92656	1.24314	2.53080	-0.09493
0.761 - 0.920	0.81799	0.91602	0.76687	0.95792	1.65154	-0.71719
0.601 - 0.761	0.67808	0.75137	0.60293	1.08499	1.93737	0.10695
0.442 - 0.601	0.50568	0.57428	0.44374	0.66157	1.34601	-0.32455
0.282 - 0.442	0.36617	0.42262	0.29585	0.44824	1.85573	-0.65958
0.123 - 0.282	0.20901	0.28220	0.12636	0.10555	1.33127	-1.71804
-0.037 - 0.123	0.05282	0.11164	-0.01834	0.13298	1.39090	-2.12003
-0.196 - -0.037	-0.11188	-0.03836	-0.19560	-0.26383	1.53402	-1.71630
-0.355 - -0.196	-0.25953	-0.19740	-0.35264	-0.17920	1.40120	-1.50677
-0.515 - -0.355	-0.43796	-0.35790	-0.51231	-0.26852	1.13984	-2.03918
-0.674 - -0.515	-0.60331	-0.51634	-0.67419	-0.96200	1.15516	-2.12353
-0.834 - -0.674	-0.74862	-0.68782	-0.83289	-0.74816	0.90261	-1.98818
-0.993 - -0.834	-0.91855	-0.83796	-0.98842	-0.90513	0.55336	-2.14837
-1.153 - -0.993	-1.03240	-1.00031	-1.11645	-0.80303	0.64939	-2.11306
-1.312 - -1.153	-1.26216	-1.18729	-1.31216	-0.98815	-0.38093	-1.54033

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.687 - 1.852	1.83192	1.85154	1.81229	1.53677	1.71614	1.35740
1.522 - 1.687	1.59650	1.63095	1.56206	0.37397	0.82445	-0.07650
1.192 - 1.357	1.28505	1.33285	1.21471	1.25683	1.76112	-0.07723
1.027 - 1.192	1.10304	1.18206	1.03257	0.99481	2.53080	-1.33329
0.862 - 1.027	0.94172	1.00613	0.88354	0.89255	1.93737	-0.09493
0.697 - 0.862	0.78038	0.84624	0.71850	1.11883	1.81338	-0.08807
0.532 - 0.697	0.62493	0.69671	0.54566	0.99144	1.85573	-0.09671
0.367 - 0.532	0.44807	0.51704	0.37054	0.32912	1.69572	-1.71804
0.202 - 0.367	0.27701	0.36616	0.20475	0.27170	1.63467	-1.44120
0.037 - 0.202	0.12108	0.20167	0.03823	-0.00816	1.39377	-1.39504
-0.128 - 0.037	-0.04860	0.03589	-0.12694	-0.12724	1.53402	-1.71630
-0.293 - -0.128	-0.20933	-0.13146	-0.28654	-0.09299	2.14157	-2.12003
-0.458 - -0.293	-0.36934	-0.29918	-0.45613	-0.36107	1.27810	-2.03918
-0.623 - -0.458	-0.53867	-0.45798	-0.62158	-0.67648	1.13984	-2.12353
-0.788 - -0.623	-0.69612	-0.62291	-0.77951	-0.62294	1.15516	-2.12003
-0.953 - -0.788	-0.85289	-0.79019	-0.93409	-0.78092	0.55336	-2.14837
-1.118 - -0.953	-1.00629	-0.96395	-1.11323	-1.03600	0.64939	-1.90123
-1.282 - -1.118	-1.18669	-1.12697	-1.25476	-1.73574	-0.98842	-2.12353
-1.447 - -1.282	-1.39491	-1.34241	-1.44740	-0.96063	-0.38093	-1.54033

Node=End Groups Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.567 - 1.726	1.72627	1.72627	1.72627	1.35740	1.35740	1.35740
1.408 - 1.567	1.45721	1.46632	1.44810	0.84231	1.76112	-0.07650
1.248 - 1.408	1.29300	1.37342	1.25875	1.04430	1.74649	0.33679
1.089 - 1.248	1.20867	1.23305	1.16961	0.46577	1.17010	-1.33329
0.929 - 1.089	1.02601	1.07689	0.97189	1.04222	2.53080	-0.09493
0.770 - 0.929	0.82020	0.86036	0.78323	1.03088	1.67589	-0.71719
0.611 - 0.770	0.69078	0.77005	0.62686	0.76221	1.85573	-0.43311
0.451 - 0.611	0.52057	0.59108	0.45793	0.65907	1.44711	-0.32455
0.292 - 0.451	0.36315	0.45111	0.29710	0.48681	1.69572	-1.45147
0.133 - 0.292	0.20849	0.28660	0.13458	0.25225	1.42447	-1.44120
-0.027 - 0.133	0.05674	0.12792	-0.01992	-0.16707	1.20060	-1.71630
-0.186 - -0.027	-0.11774	-0.03203	-0.18257	-0.01635	2.14157	-1.60749
-0.345 - -0.186	-0.26695	-0.18936	-0.32581	-0.27324	1.40120	-1.93471
-0.505 - -0.345	-0.41710	-0.34600	-0.49947	-0.42516	1.27810	-2.12353
-0.664 - -0.505	-0.57845	-0.51005	-0.65469	-0.47497	1.13984	-2.03918
-0.824 - -0.664	-0.75013	-0.67067	-0.81473	-0.76393	1.15516	-2.12003
-0.983 - -0.824	-0.89691	-0.82364	-0.96371	-0.98615	0.09291	-1.90123
-1.142 - -0.983	-1.04031	-0.98480	-1.11153	-1.36464	-0.61466	-2.14837
-1.302 - -1.142	-1.25126	-1.17544	-1.30021	-1.82899	-1.65597	-2.11306
-1.461 - -1.302	-1.41845	-1.36196	-1.46095	-0.98815	-0.38093	-1.54033

Node=End Groups Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.573 - 1.726	1.72581	1.72581	1.72581	1.35740	1.35740	1.35740
1.419 - 1.573	1.45259	1.45678	1.44840	1.29279	1.76112	0.82445
1.266 - 1.419	1.35442	1.39969	1.30932	0.52080	1.71614	-0.07723
1.113 - 1.266	1.16949	1.22471	1.13321	0.49259	1.71506	-1.33329
0.960 - 1.113	1.05933	1.09248	0.98469	1.02534	1.74649	0.29246
0.807 - 0.960	0.89949	0.95383	0.87407	1.10388	2.53080	-0.09493
0.653 - 0.807	0.74805	0.79314	0.66629	1.13725	1.93737	0.10695
0.500 - 0.653	0.58270	0.64860	0.50328	0.75629	1.81338	-0.87824
0.347 - 0.500	0.41458	0.48296	0.36273	0.49763	1.85573	-0.43311
0.194 - 0.347	0.27053	0.34034	0.20252	0.22288	1.54226	-1.71804
0.041 - 0.194	0.10624	0.17754	0.04814	0.14821	1.39090	-1.24826
-0.113 - 0.041	-0.03903	0.04045	-0.11234	-0.20334	1.39377	-2.12003
-0.266 - -0.113	-0.20022	-0.11771	-0.26388	-0.16614	2.14157	-1.93471
-0.419 - -0.266	-0.35509	-0.26735	-0.41250	0.05941	1.27810	-2.03918
-0.572 - -0.419	-0.48798	-0.41939	-0.56662	-0.63289	1.13984	-2.12353
-0.725 - -0.572	-0.64575	-0.57654	-0.71984	-0.90556	1.15516	-2.12003
-0.879 - -0.725	-0.77913	-0.73542	-0.84230	-1.00700	0.53607	-2.14837
-1.032 - -0.879	-0.96264	-0.89334	-1.02960	-0.78147	0.51216	-1.66099
-1.185 - -1.032	-1.10607	-1.06631	-1.14371	-0.89325	0.64939	-2.12353
-1.338 - -1.185	-1.29167	-1.24513	-1.33821	-1.29176	-1.04319	-1.54033

Node=End Groups Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.574 - 1.718	1.71777	1.71777	1.71777	1.35740	1.35740	1.35740
1.429 - 1.574	1.47706	1.47706	1.47706	1.51134	1.51134	1.51134
1.285 - 1.429	1.35122	1.38036	1.30235	1.03417	1.76112	-0.07723
1.141 - 1.285	1.17477	1.21187	1.14827	0.89460	1.71506	-0.07650
0.997 - 1.141	1.02230	1.03167	1.00259	0.68683	1.91976	-1.33329
0.853 - 0.997	0.91821	0.97087	0.86087	0.91643	2.53080	0.25818
0.708 - 0.853	0.78129	0.84625	0.72175	1.02444	1.93737	-0.87824
0.564 - 0.708	0.63962	0.70485	0.59918	0.88359	1.67589	-0.43311
0.420 - 0.564	0.47565	0.55322	0.42008	0.65317	1.85573	-1.14437
0.276 - 0.420	0.33606	0.41267	0.27886	0.29956	1.54226	-1.71804
0.132 - 0.276	0.21740	0.27060	0.14680	0.15370	1.29809	-1.44120
-0.013 - 0.132	0.05991	0.12040	-0.01098	0.04450	1.39090	-1.37563
-0.157 - -0.013	-0.08532	-0.01332	-0.15370	-0.18438	1.39377	-2.12003
-0.301 - -0.157	-0.23308	-0.15695	-0.29946	-0.17329	1.40120	-1.93471
-0.445 - -0.301	-0.36873	-0.30140	-0.43753	-0.33827	1.27810	-2.00400
-0.590 - -0.445	-0.52855	-0.45242	-0.58612	-0.31430	1.15516	-2.12353
-0.734 - -0.590	-0.64751	-0.59443	-0.72773	-0.76862	0.90261	-2.12003
-0.878 - -0.734	-0.80110	-0.73656	-0.87231	-0.81112	0.44271	-1.85583
-1.022 - -0.878	-0.91458	-0.88866	-0.93926	-1.44563	-0.66623	-2.14837
-1.166 - -1.022	-1.09995	-1.05732	-1.16635	-1.05783	0.64939	-2.11306

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.569 - 1.726	1.64948	1.72581	1.57316	0.64045	1.35740	-0.07650
1.412 - 1.569	1.44225	1.45678	1.42771	1.63623	1.76112	1.51134
1.255 - 1.412	1.35366	1.39969	1.28376	0.76149	1.71614	-0.07723
1.098 - 1.255	1.15890	1.23056	1.10659	0.73184	1.71506	-1.33329
0.941 - 1.098	1.02100	1.08170	0.96122	0.99687	1.74649	0.10695
0.784 - 0.941	0.82106	0.86903	0.79033	1.44451	2.53080	0.07866
0.627 - 0.784	0.69138	0.76080	0.62686	1.03710	1.85573	-0.43311
0.470 - 0.627	0.54167	0.61782	0.47180	0.57805	1.69572	-0.87824
0.313 - 0.470	0.39200	0.45793	0.32405	0.30202	1.63467	-1.71804
0.156 - 0.313	0.23767	0.30521	0.15733	0.36075	1.54226	-1.44120
-0.001 - 0.156	0.06168	0.15495	-0.00052	0.03639	2.14157	-1.24826
-0.158 - -0.001	-0.08827	-0.00447	-0.15844	-0.14948	1.53402	-2.12003
-0.316 - -0.158	-0.22944	-0.15873	-0.31419	-0.35719	1.40120	-2.00400
-0.473 - -0.316	-0.39556	-0.32463	-0.46431	-0.33295	0.87701	-2.03918
-0.630 - -0.473	-0.54999	-0.47690	-0.61617	-0.36002	1.27810	-2.12353
-0.787 - -0.630	-0.69675	-0.63063	-0.78503	-0.82898	1.15516	-2.12003
-0.944 - -0.787	-0.84979	-0.78772	-0.93926	-0.88642	0.55336	-1.98818
-1.101 - -0.944	-1.00987	-0.95664	-1.04632	-1.20180	0.51216	-2.14837
-1.258 - -1.101	-1.17641	-1.12697	-1.25609	-0.78255	0.64939	-2.12353
-1.415 - -1.258	-1.41467	-1.41467	-1.41467	-1.54033	-1.54033	-1.54033

Node=End Groups Summary

Group Index	Group	Frequency Count
1	$\wedge(\text{fold_}=1)$	345
2	$\wedge(\text{fold_}=2)$	343
3	$\wedge(\text{fold_}=3)$	345
4	$\wedge(\text{fold_}=4)$	337
5	$\wedge(\text{fold_}=5)$	342
6	$\wedge(\text{fold_}=6)$	342
7	$\wedge(\text{fold_}=7)$	350
8	$\wedge(\text{fold_}=8)$	347

SAS Enterprise Miner Report

Node=Decision Tree Summary

Node id = Tree4
 Node label = Decision Tree
 Meta path = Ids => Trans => Grp => Tree4
 Notes =

Node=Decision Tree Properties

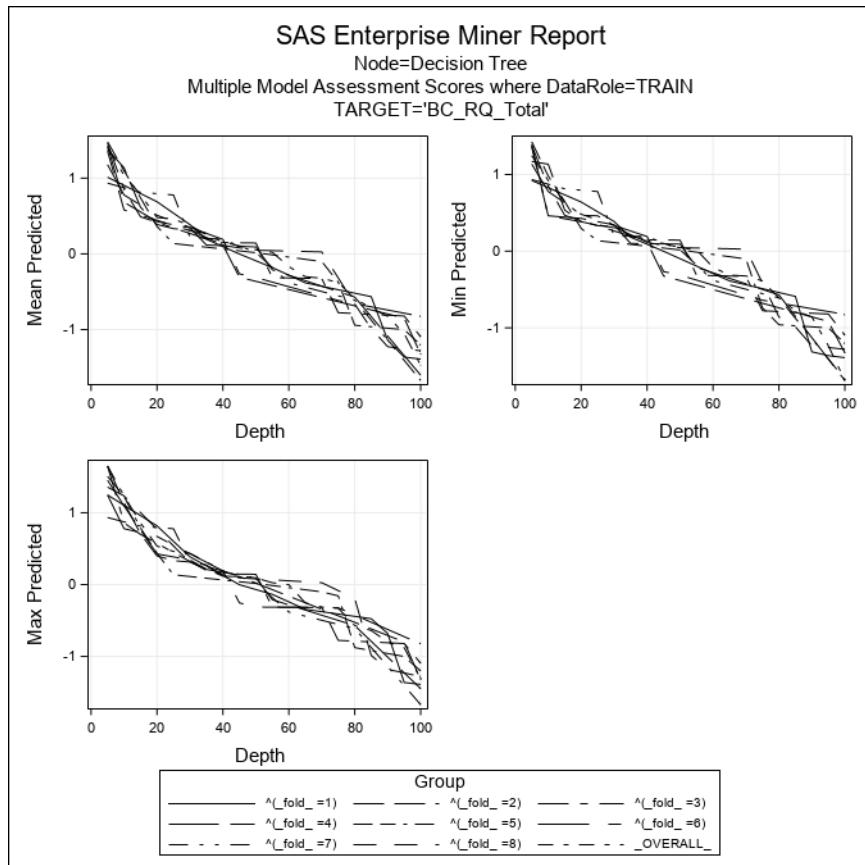
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Component	DecisionTree		Kass	Y		Pred	N	
AVG	Y		KassApply	BEFORE		Predict	Y	
AssessMeasure	PROFIT/LOSS		LeafSize	5		ProfitLoss	NONE	
AssessPercentage	0.25		Leafid	Y		RASE	N	
CV	N		Maxbranch	3	2	SampleMethod	RANDOM	
CVNIter	10		Maxdepth	6		SampleSeed	12345	
CVRepeat	1		MinCatSize	5		SampleSize	10000	
CVSeed	12345		MissingValue	USEINSEARCH		ShowNodeld	Y	
ClassColorBy	PERCENTCORRECT		NSubtree	1		ShowValid	Y	
Count	Y		NodeRole	SEGMENT		SigLevel	0.2	
CreateSample	DEFAULT		NodeSample	20000		SplitPrecision	4	
Criterion	DEFAULT		NominalCriterion	PROBCHISQ		Splitsize	.	
Depth	Y		Nrules	5		Subtree	ASSESSMENT	
Dummy	N		Nsurrs	0		Target	ALL	
Exhaustive	5000		NumInputs	1		ToolType	MODEL	
Freeze	N		NumSingleImp	5		TrainMode	BATCH	
ImportModel	N		ObsImportance	N		UseDecision	N	
ImportedTreeData			OrdinalCriterion	ENTROPY		UseMultipleTarget	N	
Inputs	N		PercentCorrect	N		UsePriors	N	
IntColorBy	RASE	AVG	Performance	DISK		UseVarOnce	N	
IntervalCriterion	PROBF		Precision	4		VarSelection	N	Y

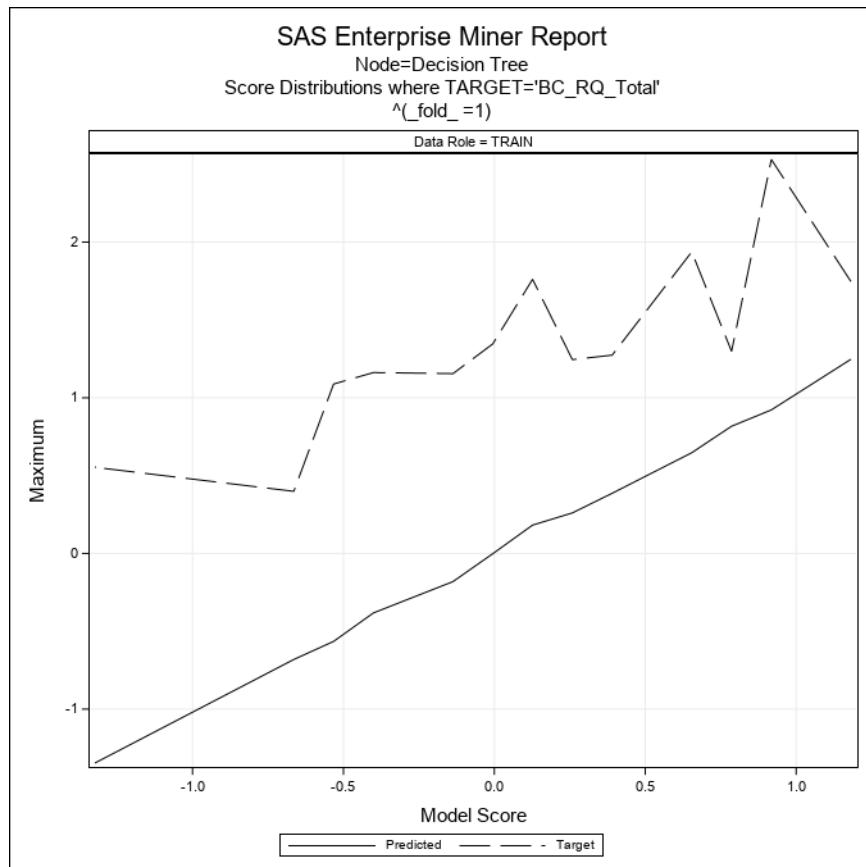
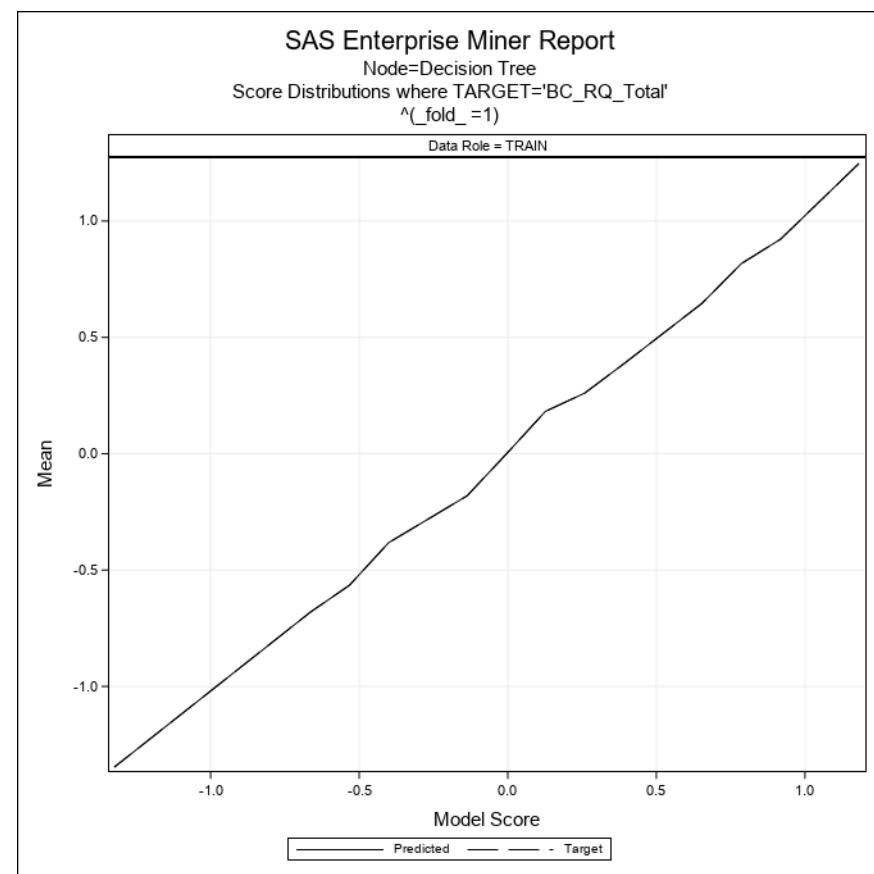
Node=Decision Tree Variable Summary

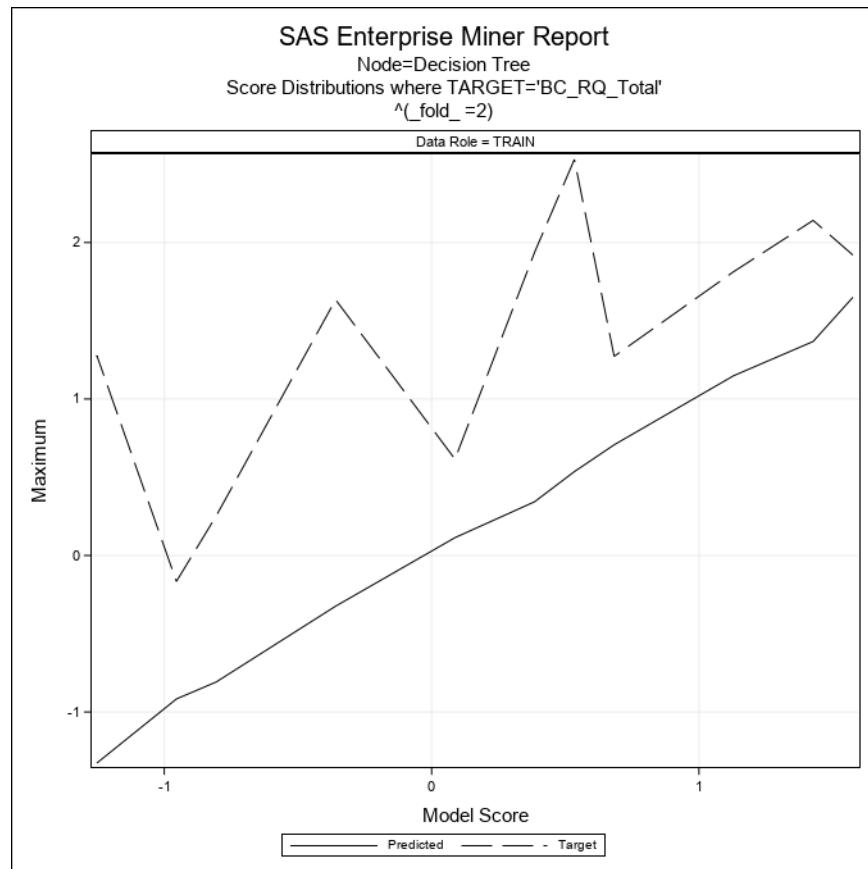
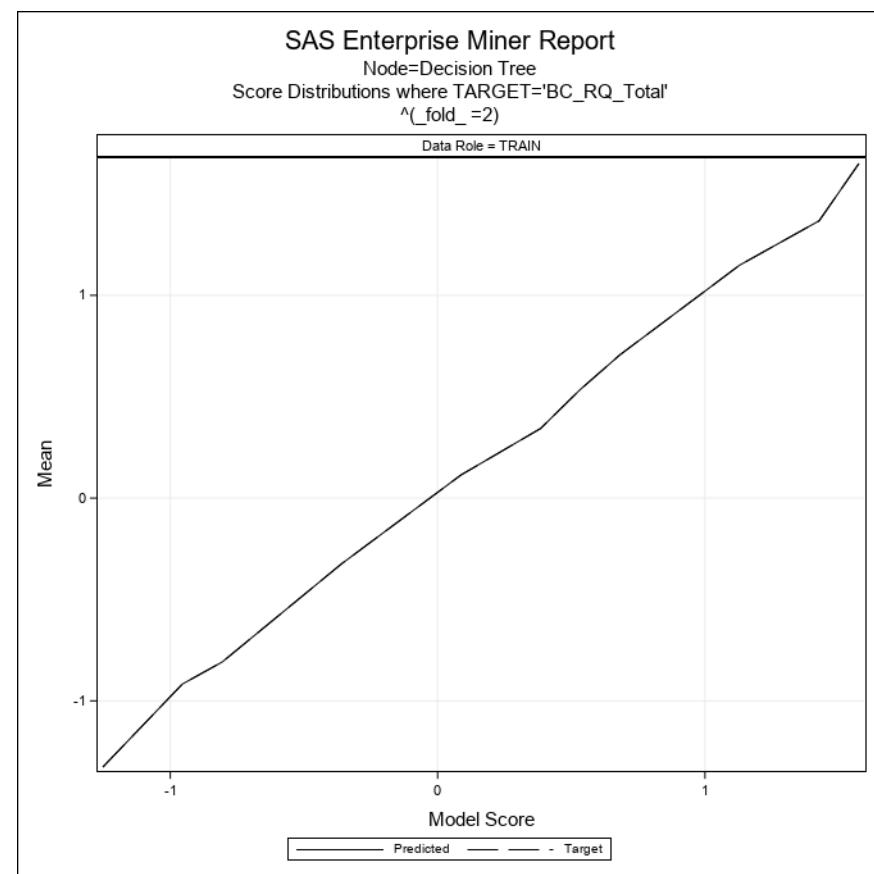
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		Count	Name	
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	22	ASltot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

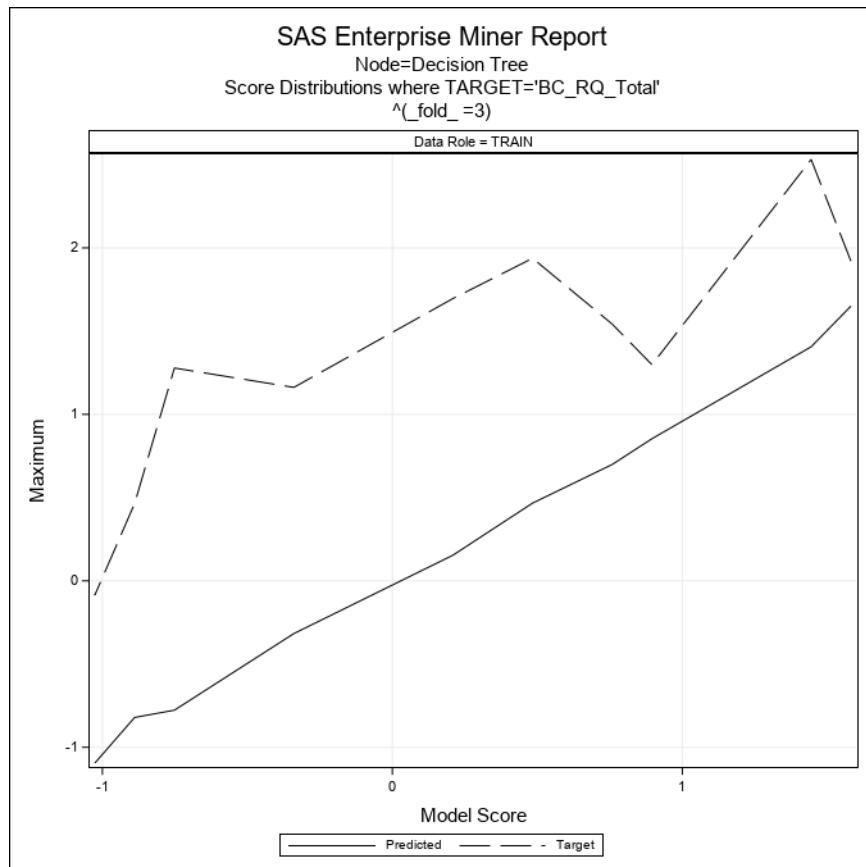
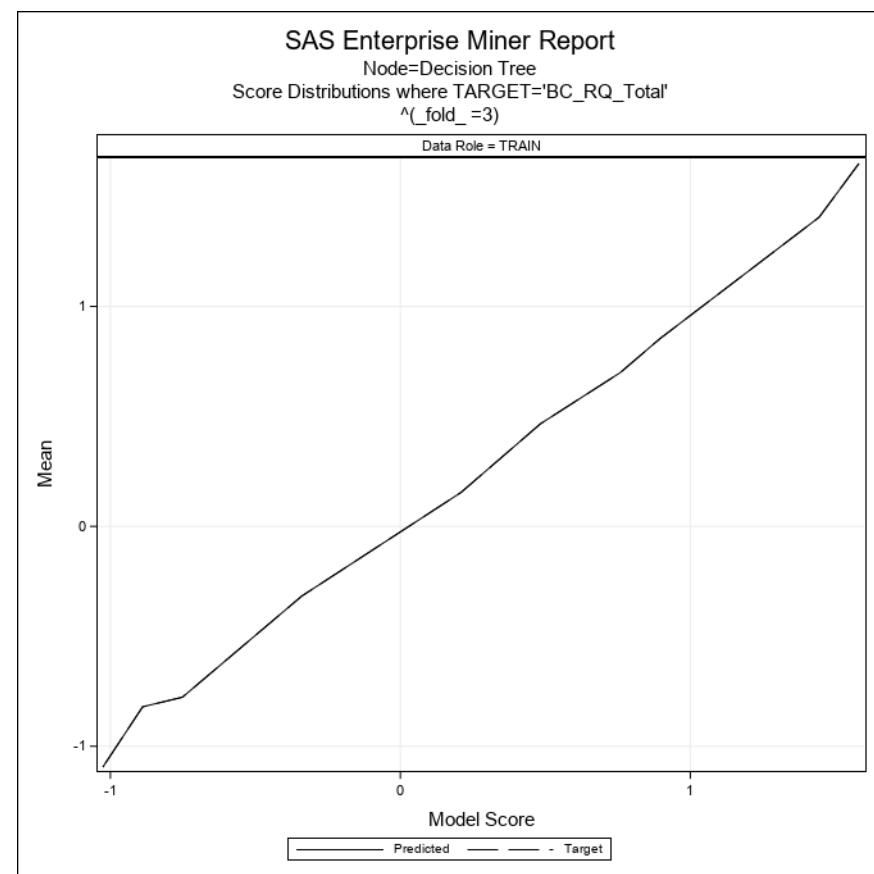
Group Index	Group	Train:	Train:	Train:	Train:	Train:	Train:	Train:	Total Target Label
		Target Variable	Sum of Frequencies	Maximum Absolute Error	Sum of Squared Errors	Average Squared Error	Average Squared Error	Divisor for ASE	
1	^(fold_=1)	BC_RQ_Total	351	2.14488	183.177	0.52187	0.72241	351	351 ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	345	2.60481	212.061	0.61467	0.78401	345	345 ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	341	2.17612	192.255	0.56380	0.75086	341	341 ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	355	2.21168	225.592	0.63547	0.79716	355	355 ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	341	2.23818	187.487	0.54981	0.74149	341	341 ReQuest (total score) (Box-Cox transformed)

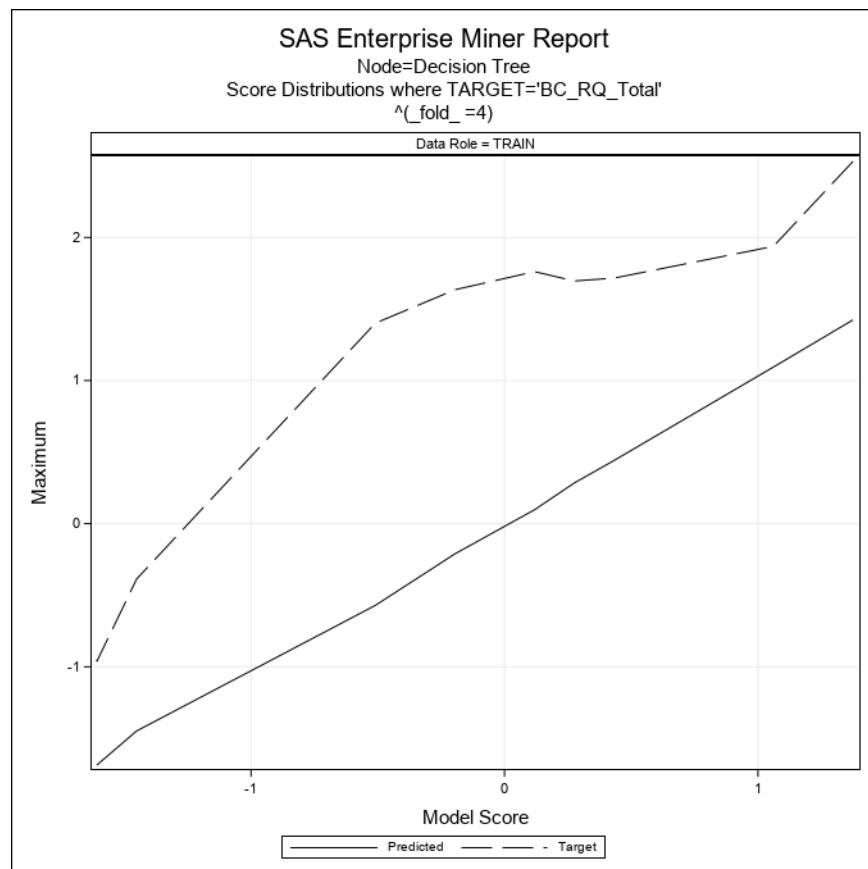
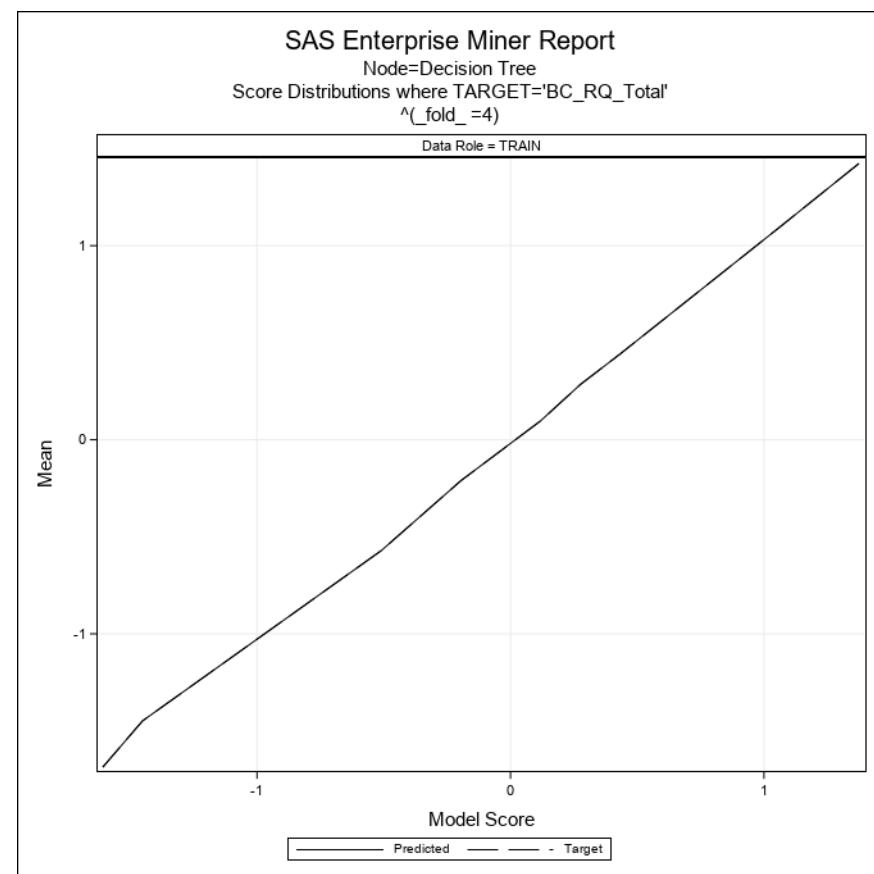
Group Index	Group	Train: Target Variable	Train: Sum of Frequencies	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total	Target Label
6	^(fold_=6)	BC_RQ_Total	340	2.17359	222.183	0.65348	0.80838	340	340	ReQuest (total score) (Box-Cox transformed)	
7	^(fold_=7)	BC_RQ_Total	341	2.15650	203.415	0.59653	0.77235	341	341	ReQuest (total score) (Box-Cox transformed)	
8	^(fold_=8)	BC_RQ_Total	337	2.17068	195.123	0.57900	0.76092	337	337	ReQuest (total score) (Box-Cox transformed)	
9	_OVERALL_	BC_RQ_Total	393	2.17612	248.654	0.63271	0.79543	393	.	ReQuest (total score) (Box-Cox transformed)	

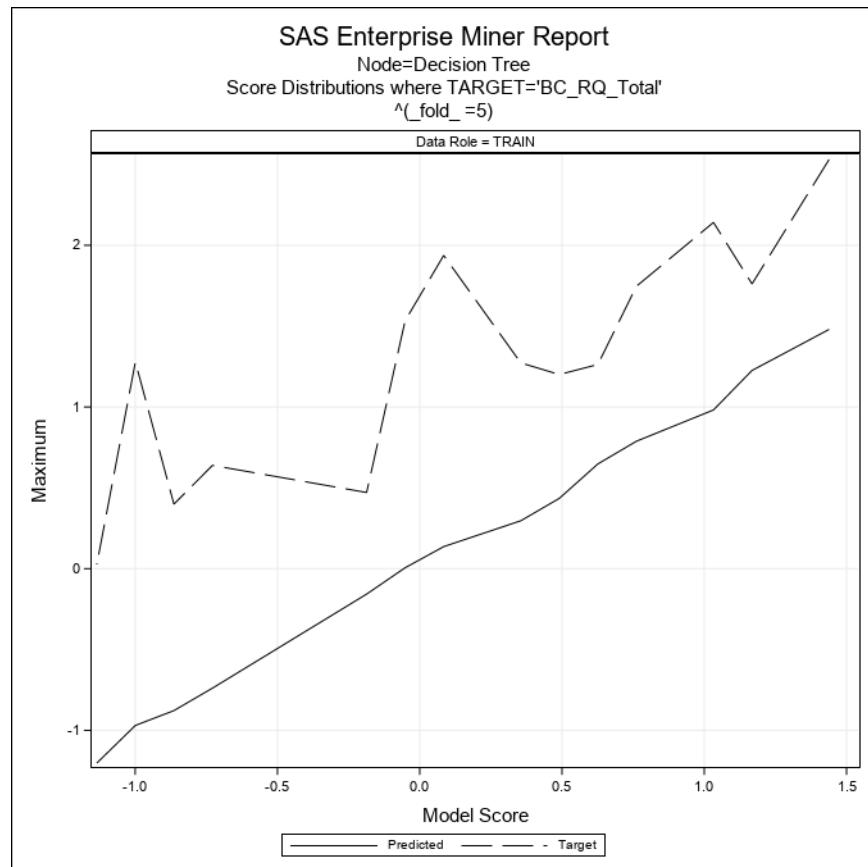
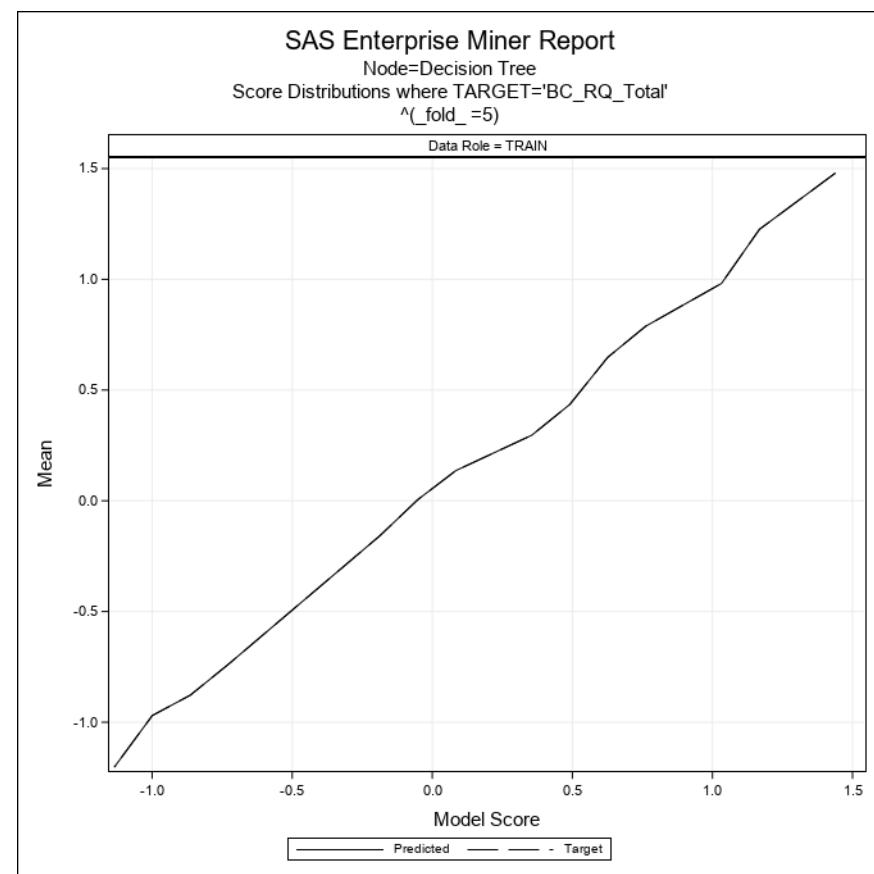


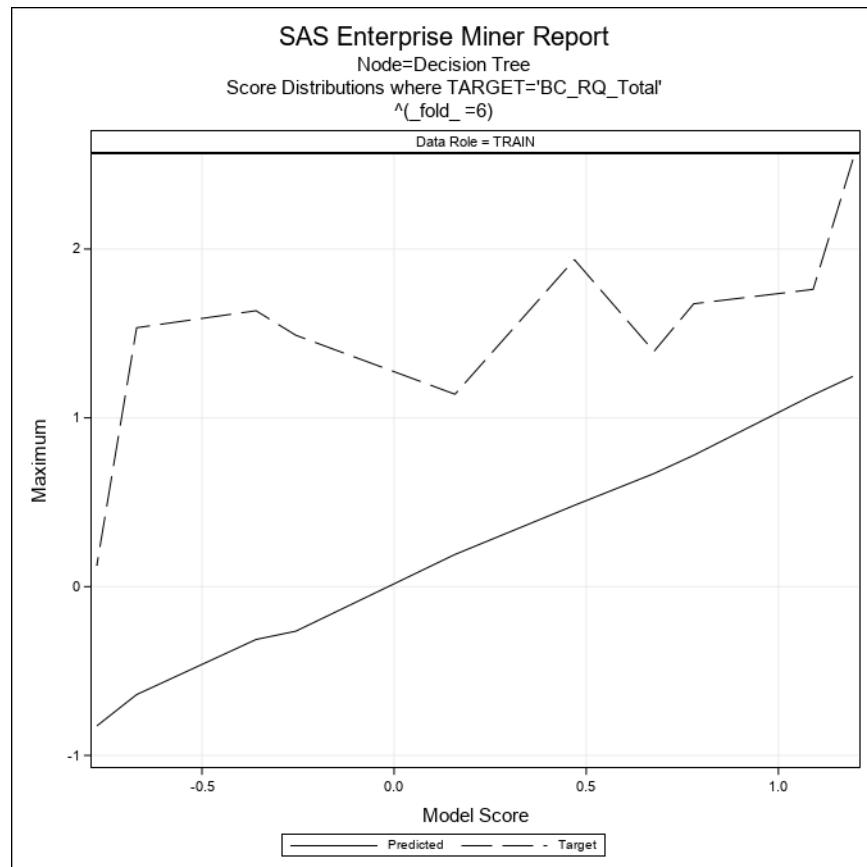
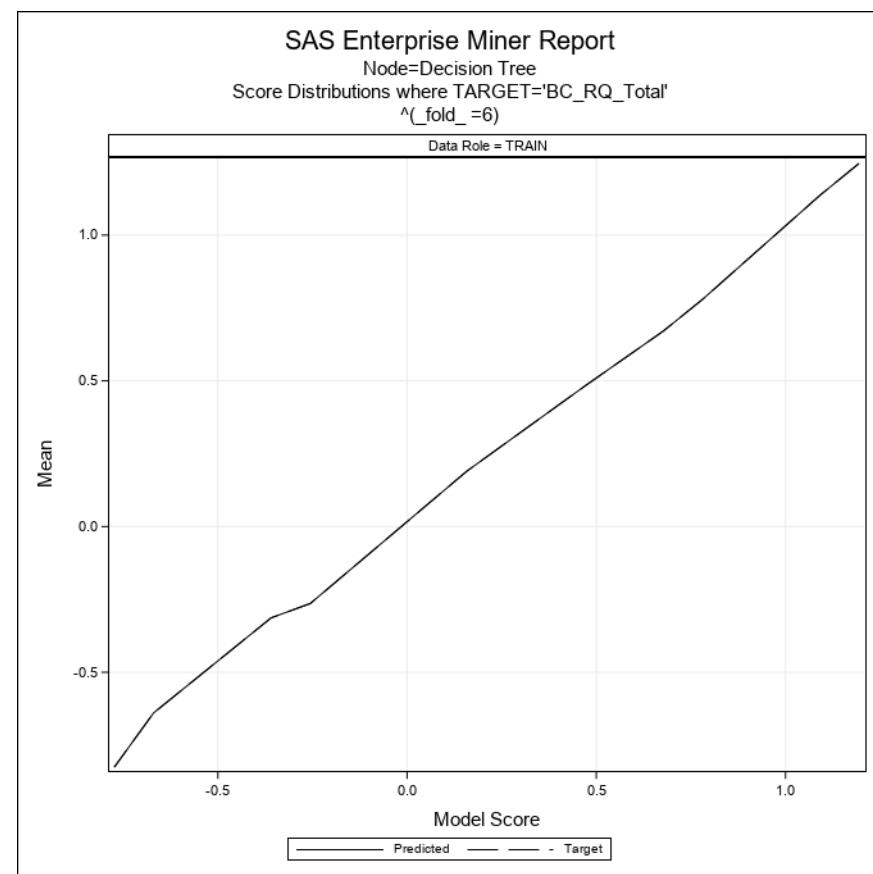


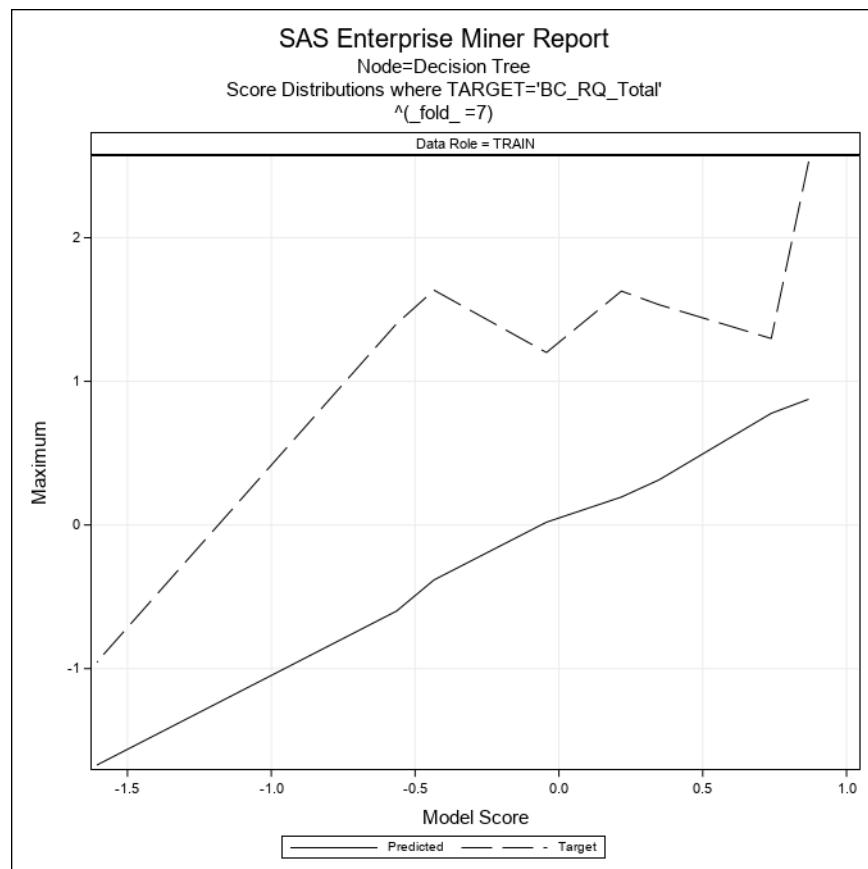
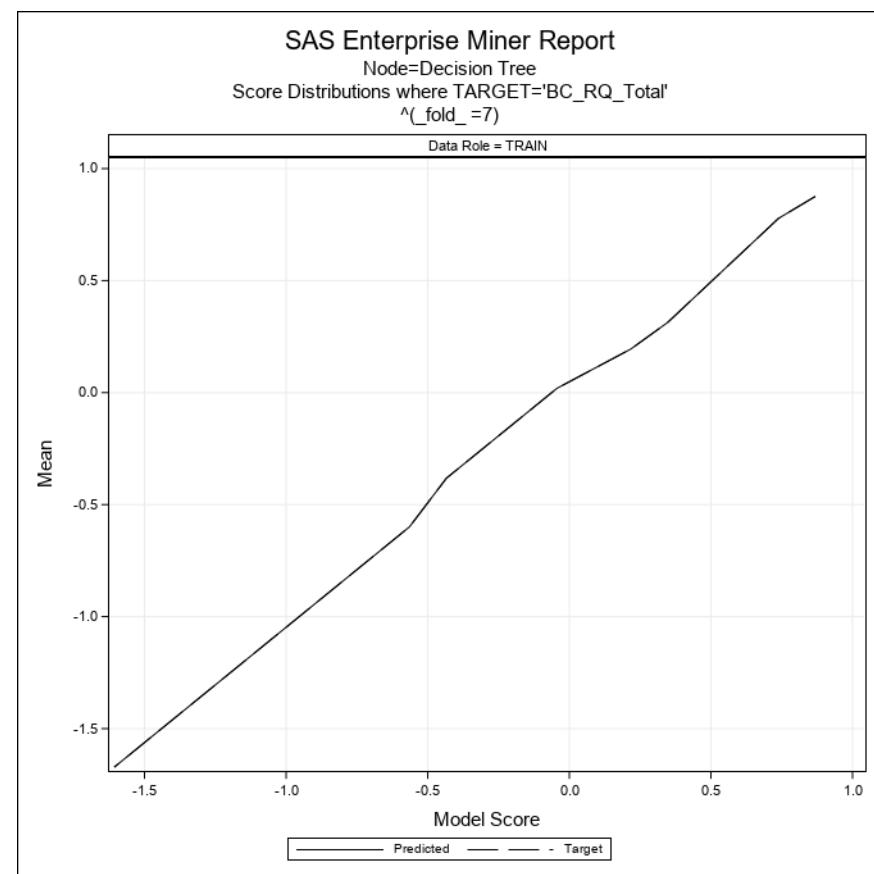


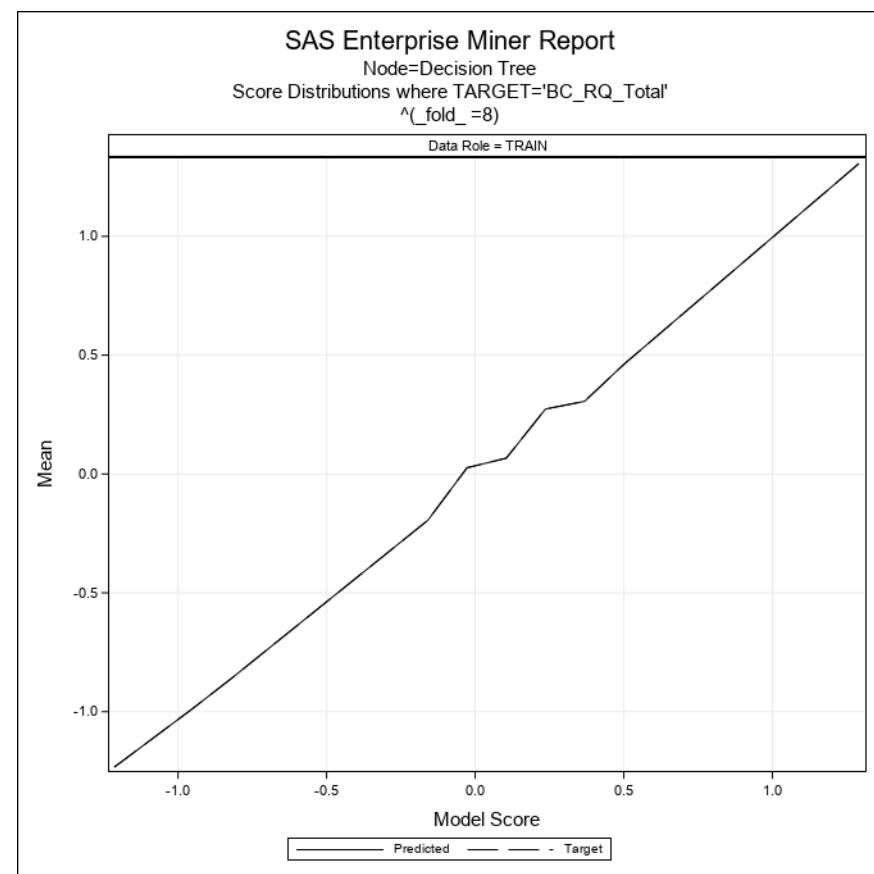




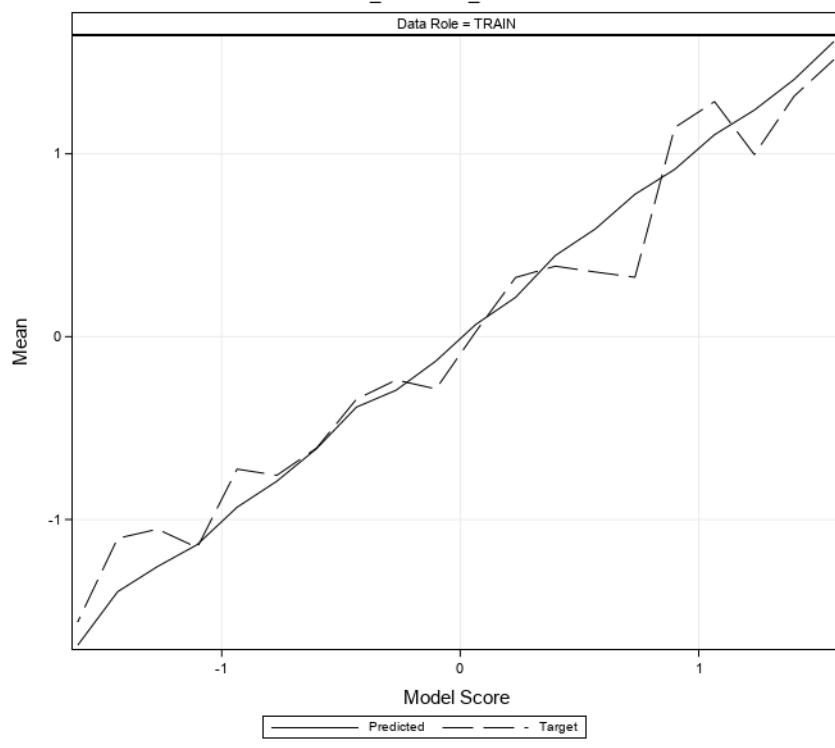




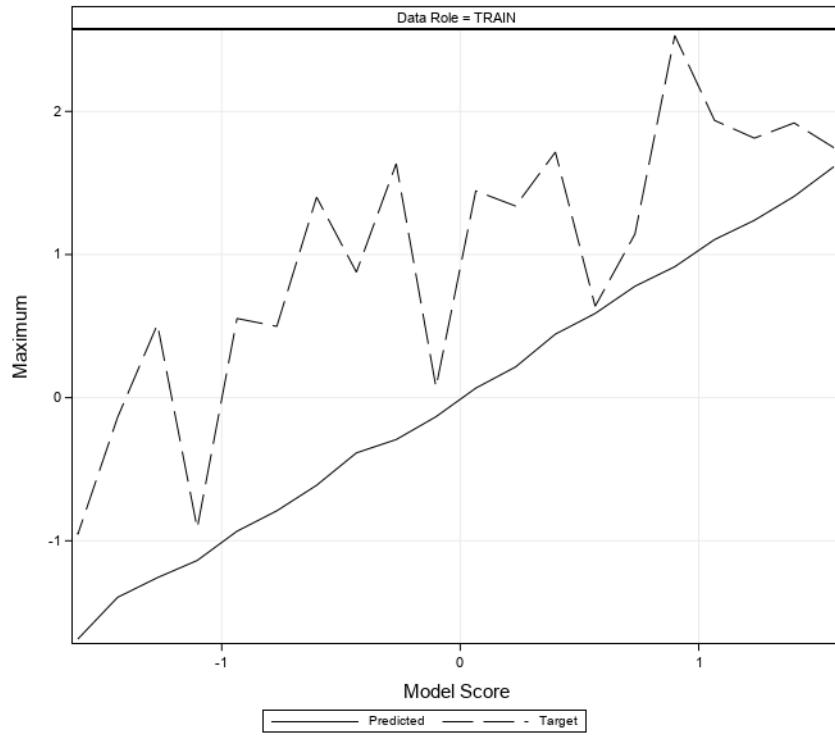




SAS Enterprise Miner Report
 Node=Decision Tree
 Score Distributions where TARGET='BC_RQ_Total'
 OVERALL



SAS Enterprise Miner Report
 Node=Decision Tree
 Score Distributions where TARGET='BC_RQ_Total'
 OVERALL



Node=Decision Tree
Score Distributions

Group=^(fold_=1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.116 - 1.247	1.24747	1.24747	1.24747	1.24747	1.74649	0.11612
0.852 - 0.984	0.92207	0.92207	0.92207	0.92207	2.53080	-1.22281
0.720 - 0.852	0.81713	0.81713	0.81713	0.81713	1.29809	0.12536
0.588 - 0.720	0.64703	0.66941	0.64093	0.64703	1.93737	-0.58179
0.324 - 0.456	0.38649	0.38649	0.38649	0.38649	1.27377	-1.14437
0.193 - 0.324	0.26038	0.26038	0.26038	0.26038	1.24519	-0.71719
0.061 - 0.193	0.18207	0.18207	0.18207	0.18207	1.76112	-1.33329
-0.071 - 0.061	-0.00157	-0.00157	-0.00157	-0.00157	1.34601	-1.70934
-0.203 - -0.071	-0.18090	-0.13646	-0.19458	-0.18090	1.15516	-2.12003
-0.467 - -0.335	-0.38216	-0.34454	-0.38831	-0.38216	1.16190	-2.12353
-0.599 - -0.467	-0.56502	-0.47505	-0.59001	-0.56502	1.08830	-1.71804
-0.730 - -0.599	-0.68108	-0.68108	-0.68108	-0.68108	0.39902	-2.12003
-1.390 - -1.258	-1.34672	-1.31342	-1.38963	-1.34672	0.55336	-2.14837

Node=Decision Tree Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.501 - 1.650	1.65032	1.65032	1.65032	1.65032	1.91976	1.44435
1.353 - 1.501	1.36760	1.36760	1.36760	1.36760	2.14157	0.64683
1.055 - 1.204	1.14856	1.16964	1.13487	1.14856	1.81338	0.44077
0.608 - 0.757	0.70741	0.70741	0.70741	0.70741	1.27273	0.02676
0.460 - 0.608	0.53596	0.53596	0.53596	0.53596	2.53080	-0.65958
0.311 - 0.460	0.34328	0.39900	0.31412	0.34328	1.93737	-0.88221
0.013 - 0.162	0.11397	0.11674	0.11119	0.11397	0.61566	-0.34228
-0.434 - -0.285	-0.32403	-0.32403	-0.32403	-0.32403	1.63467	-2.12353
-0.880 - -0.731	-0.80836	-0.79949	-0.81328	-0.80836	0.25335	-1.71804
-1.029 - -0.880	-0.91701	-0.91701	-0.91701	-0.91701	-0.16595	-1.71630
-1.327 - -1.178	-1.32671	-1.32671	-1.32671	-1.32671	1.27810	-2.11306

Node=Decision Tree Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.513 - 1.650	1.65012	1.65012	1.65012	1.65012	1.91976	1.35740
1.376 - 1.513	1.40571	1.43359	1.37784	1.40571	2.53080	0.44077
0.827 - 0.964	0.85352	0.85818	0.84819	0.85352	1.29809	-0.09587
0.689 - 0.827	0.69871	0.69871	0.69871	0.69871	1.54226	-0.87824
0.415 - 0.552	0.46677	0.46677	0.46677	0.46677	1.93737	-1.70934
0.140 - 0.278	0.15415	0.19654	0.14324	0.15415	1.69572	-1.33329
-0.408 - -0.271	-0.31698	-0.31338	-0.33023	-0.31698	1.16190	-2.12353
-0.820 - -0.683	-0.77690	-0.77690	-0.77690	-0.77690	1.27810	-2.14837
-0.957 - -0.820	-0.82064	-0.82064	-0.82064	-0.82064	0.46444	-1.71804
-1.095 - -0.957	-1.09468	-1.09468	-1.09468	-1.09468	-0.08552	-2.12003

Node=Decision Tree Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.296 - 1.453	1.42362	1.45315	1.39410	1.42362	2.53080	0.68366
0.982 - 1.139	1.09412	1.09412	1.09412	1.09412	1.93737	0.03446
0.354 - 0.511	0.44214	0.46091	0.42668	0.44214	1.71614	-1.60749
0.197 - 0.354	0.28473	0.34352	0.21125	0.28473	1.69572	-1.24107
0.040 - 0.197	0.09726	0.10087	0.09166	0.09726	1.76112	-2.12003
-0.274 - -0.117	-0.21060	-0.21060	-0.21060	-0.21060	1.63467	-2.12353
-0.588 - -0.431	-0.57076	-0.57076	-0.57076	-0.57076	1.40120	-2.12353
-1.530 - -1.373	-1.44832	-1.44832	-1.44832	-1.44832	-0.38667	-2.03918
-1.687 - -1.530	-1.68682	-1.68682	-1.68682	-1.68682	-0.96273	-2.14837

Node=Decision Tree Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.371 - 1.506	1.47974	1.50643	1.42637	1.47974	2.53080	0.52651
1.100 - 1.236	1.22584	1.22584	1.22584	1.22584	1.76112	0.46444
0.965 - 1.100	0.98155	0.98155	0.98155	0.98155	2.14157	0.10520
0.694 - 0.829	0.78807	0.78807	0.78807	0.78807	1.74649	-0.65958
0.558 - 0.694	0.64759	0.64759	0.64759	0.64759	1.26278	-0.07650
0.423 - 0.558	0.43478	0.43478	0.43478	0.43478	1.20060	-1.04523
0.287 - 0.423	0.29613	0.29613	0.29613	0.29613	1.27273	-0.21219
0.017 - 0.152	0.13638	0.13638	0.13638	0.13638	1.93737	-1.71630
-0.119 - 0.017	0.00570	0.01596	-0.10137	0.00570	1.53402	-2.12353
-0.254 - -0.119	-0.15737	-0.15737	-0.15737	-0.15737	0.47113	-0.75757
-0.796 - -0.661	-0.73900	-0.73900	-0.73900	-0.73900	0.63880	-1.71804
-0.932 - -0.796	-0.87785	-0.87785	-0.87785	-0.87785	0.39902	-2.03918
-1.067 - -0.932	-0.96968	-0.96009	-1.00039	-0.96968	1.27810	-2.14837
-1.202 - -1.067	-1.20248	-1.20248	-1.20248	-1.20248	0.02670	-1.98818

Node=Decision Tree Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.142 - 1.246	1.24578	1.24578	1.24578	1.24578	2.53080	-0.07650
1.039 - 1.142	1.13596	1.13596	1.13596	1.13596	1.76112	-0.43311
0.728 - 0.832	0.77848	0.77848	0.77848	0.77848	1.67589	-0.37628
0.624 - 0.728	0.66991	0.66991	0.66991	0.66991	1.39377	-0.56168
0.417 - 0.521	0.48154	0.48154	0.48154	0.48154	1.93737	-1.33329
0.107 - 0.210	0.19069	0.19069	0.19069	0.19069	1.13984	-0.89192
-0.308 - -0.204	-0.26403	-0.25499	-0.26655	-0.26403	1.48934	-1.71804
-0.411 - -0.308	-0.31327	-0.31231	-0.32340	-0.31327	1.63467	-2.12353
-0.722 - -0.618	-0.63958	-0.63958	-0.63958	-0.63958	1.53402	-2.14837
-0.825 - -0.722	-0.82530	-0.82530	-0.82530	-0.82530	0.12536	-2.12003

Node=Decision Tree Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.803 - 0.934	0.87582	0.93369	0.81327	0.87582	2.53080	-1.22281
0.673 - 0.803	0.77745	0.77745	0.77745	0.77745	1.29809	-0.38404
0.282 - 0.413	0.31349	0.31349	0.31349	0.31349	1.53402	-1.24107
0.152 - 0.282	0.19456	0.19826	0.18987	0.19456	1.62835	-1.33329
-0.108 - 0.022	0.01942	0.01942	0.01942	0.01942	1.20060	-0.94872
-0.499 - -0.369	-0.38227	-0.38227	-0.38227	-0.38227	1.63467	-2.12353
-0.629 - -0.499	-0.59915	-0.55451	-0.61048	-0.59915	1.40120	-2.12353
-1.672 - -1.541	-1.67163	-1.67163	-1.67163	-1.67163	-0.95440	-2.14837

Node=Decision Tree Score Distributions

Group=^(fold_=8) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.225 - 1.357	1.30665	1.35725	1.23497	1.30665	2.53080	-0.07650
0.434 - 0.566	0.46134	0.46134	0.46134	0.46134	1.93737	-1.70934
0.302 - 0.434	0.30588	0.30588	0.30588	0.30588	1.58573	-1.22281
0.170 - 0.302	0.27324	0.27324	0.27324	0.27324	1.40120	-0.86269
0.039 - 0.170	0.06663	0.11118	0.04504	0.06663	1.63467	-1.98818
-0.093 - 0.039	0.02628	0.02628	0.02628	0.02628	1.53402	-2.12003
-0.225 - -0.093	-0.19460	-0.19460	-0.19460	-0.19460	0.15058	-0.39169
-0.884 - -0.753	-0.85847	-0.85847	-0.85847	-0.85847	1.13984	-2.12003
-1.016 - -0.884	-0.98673	-0.98673	-0.98673	-0.98673	-0.12240	-2.12353
-1.280 - -1.148	-1.23320	-1.18022	-1.28008	-1.23320	0.51216	-2.14837

Node=Decision Tree Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.483 - 1.650	1.61430	1.65032	1.50643	1.51489	1.74649	1.35740
1.317 - 1.483	1.40659	1.45315	1.35725	1.31513	1.91976	0.39206
1.150 - 1.317	1.23913	1.24747	1.22584	0.99536	1.81338	0.10520
0.983 - 1.150	1.10458	1.13596	1.09412	1.28546	1.93737	0.41807
0.816 - 0.983	0.91502	0.98155	0.84819	1.14392	2.53080	-0.08807
0.649 - 0.816	0.77857	0.81327	0.66941	0.32487	1.14354	-1.23865
0.482 - 0.649	0.58844	0.64093	0.53596	0.35343	0.63866	-0.07723
0.315 - 0.482	0.44389	0.48154	0.33334	0.38548	1.71614	-1.14437
0.149 - 0.315	0.21491	0.31412	0.14868	0.32354	1.33889	-1.18976
-0.018 - 0.149	0.06668	0.14324	-0.00157	0.02683	1.44516	-2.12353
-0.185 - -0.018	-0.13291	-0.10137	-0.15737	-0.28599	0.07301	-0.87824
-0.352 - -0.185	-0.29276	-0.19458	-0.33023	-0.23684	1.63467	-2.12003
-0.519 - -0.352	-0.38572	-0.38227	-0.38831	-0.34220	0.87701	-1.60552
-0.686 - -0.519	-0.61209	-0.57076	-0.68108	-0.60941	1.40120	-2.03918
-0.853 - -0.686	-0.79065	-0.77690	-0.82530	-0.75844	0.49819	-2.12353
-1.019 - -0.853	-0.93320	-0.85847	-1.00039	-0.72447	0.55336	-2.12003
-1.186 - -1.019	-1.13745	-1.09468	-1.18022	-1.15366	-0.91229	-1.39504
-1.353 - -1.186	-1.25759	-1.20248	-1.32671	-1.05301	0.51216	-2.11306
-1.520 - -1.353	-1.39495	-1.36293	-1.44832	-1.10302	-0.13661	-2.03918
-1.687 - -1.520	-1.68682	-1.68682	-1.68682	-1.55898	-0.95440	-2.14837

Node=Decision Tree Summary

Group Index	Group	Frequency Count
1	$\wedge(\text{fold_}=1)$	341
2	$\wedge(\text{fold_}=2)$	339
3	$\wedge(\text{fold_}=3)$	352
4	$\wedge(\text{fold_}=4)$	352
5	$\wedge(\text{fold_}=5)$	344
6	$\wedge(\text{fold_}=6)$	345
7	$\wedge(\text{fold_}=7)$	350
8	$\wedge(\text{fold_}=8)$	328

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Node=End Groups Summary

Node id = EndGrp
 Node label = End Groups
 Meta path = Ids => Trans => Grp => Tree4 => EndGrp
 Notes =

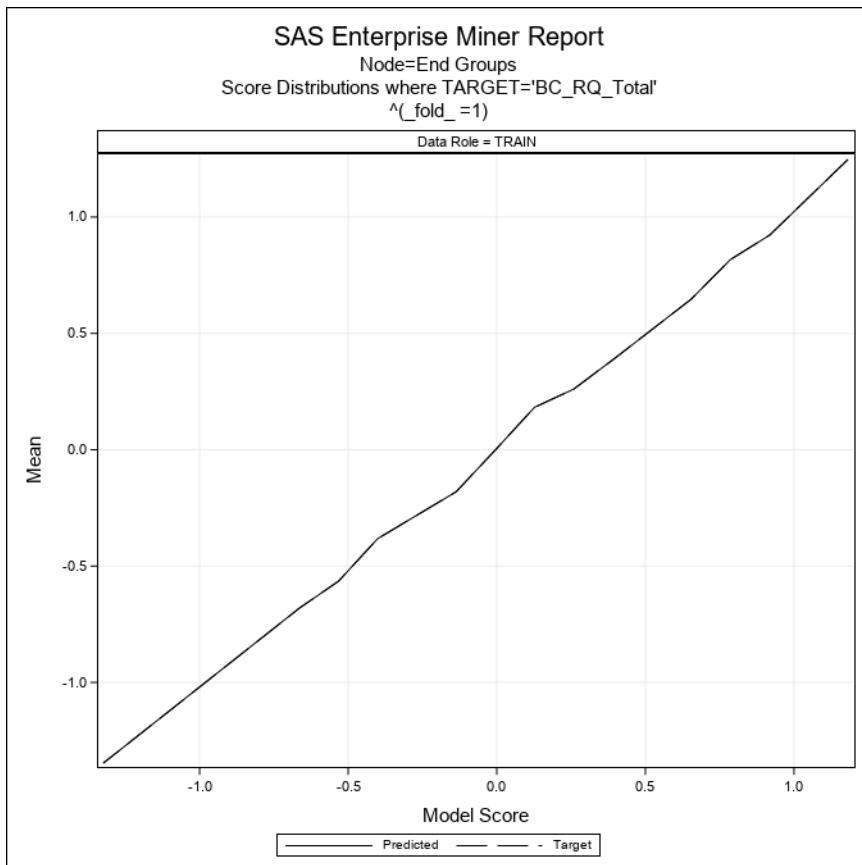
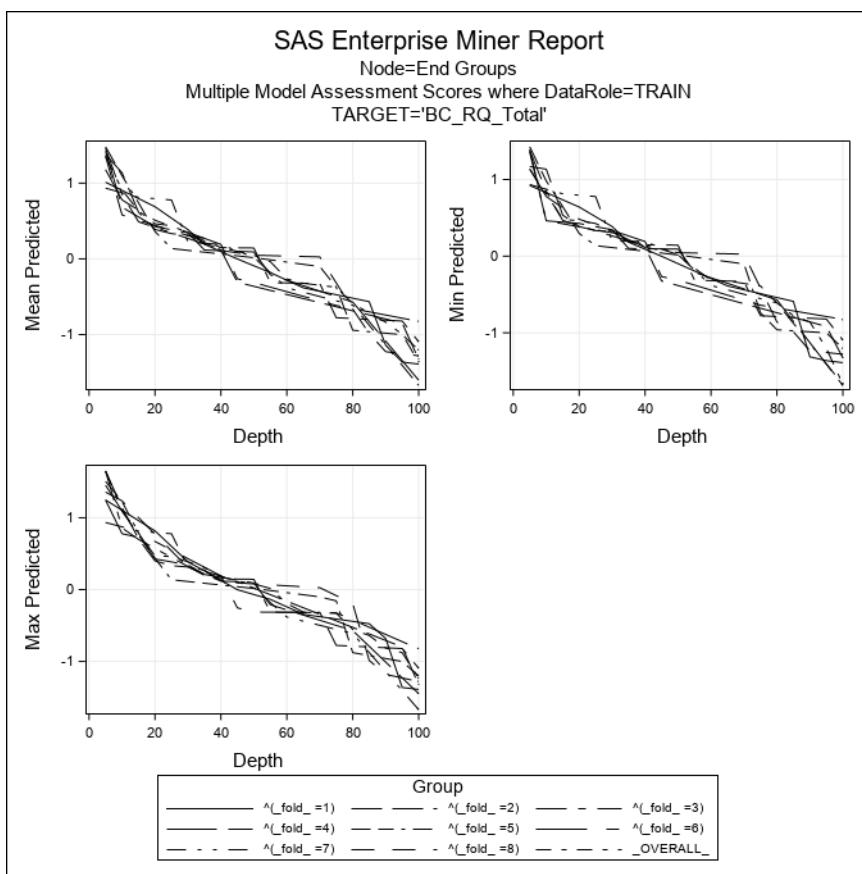
Node=End Groups Properties

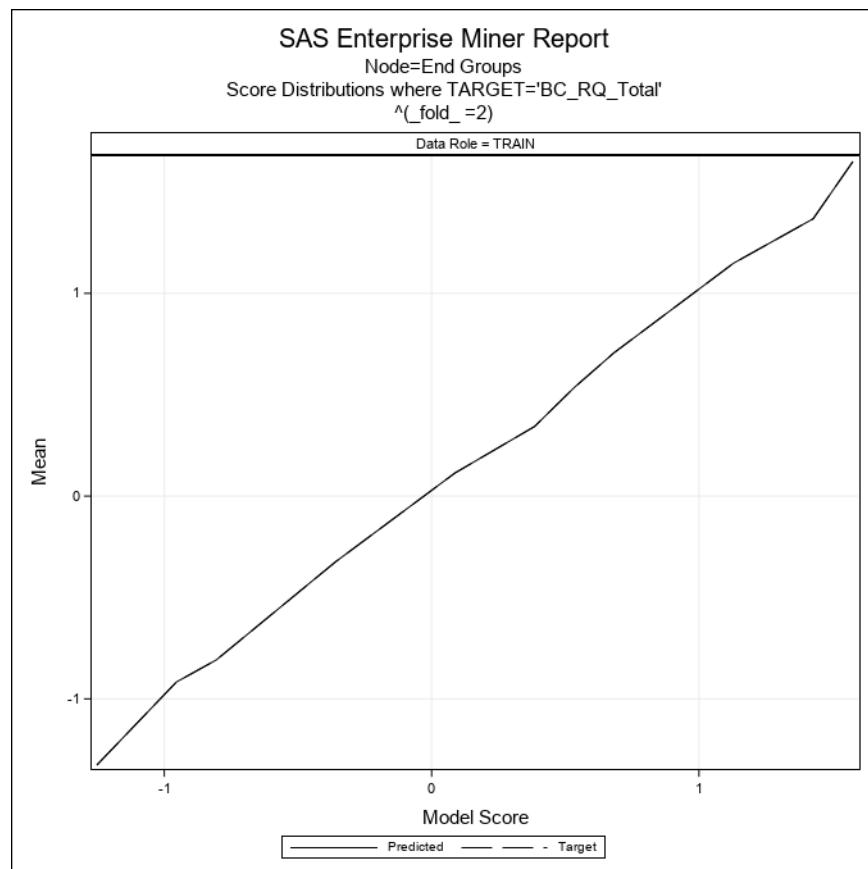
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Component	EndGroup		ToolType	MODEL				

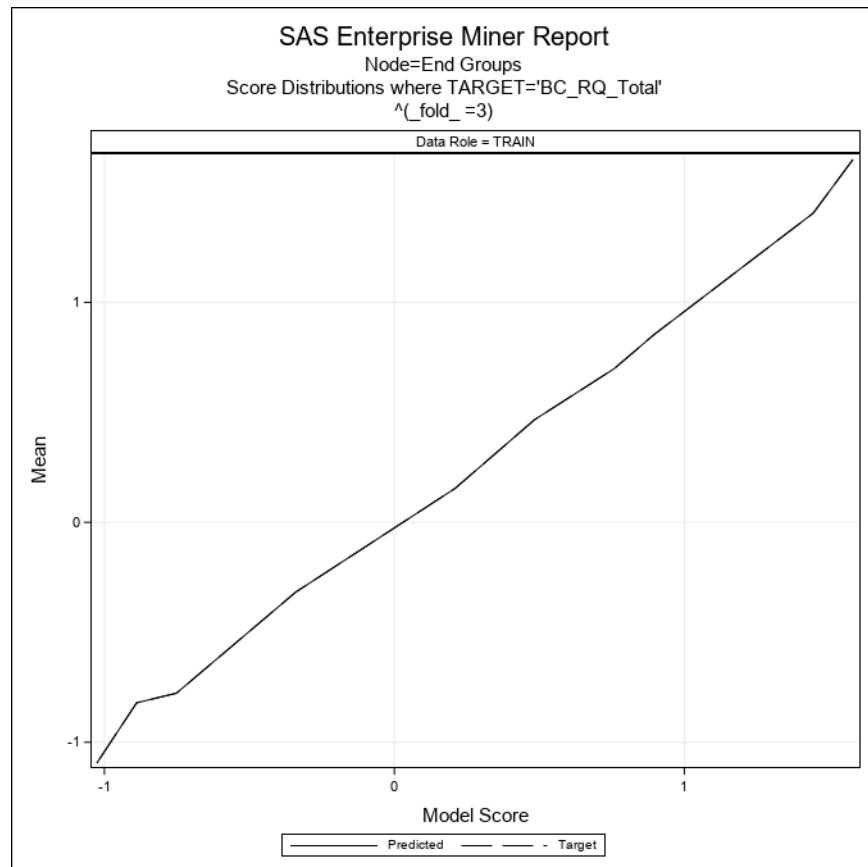
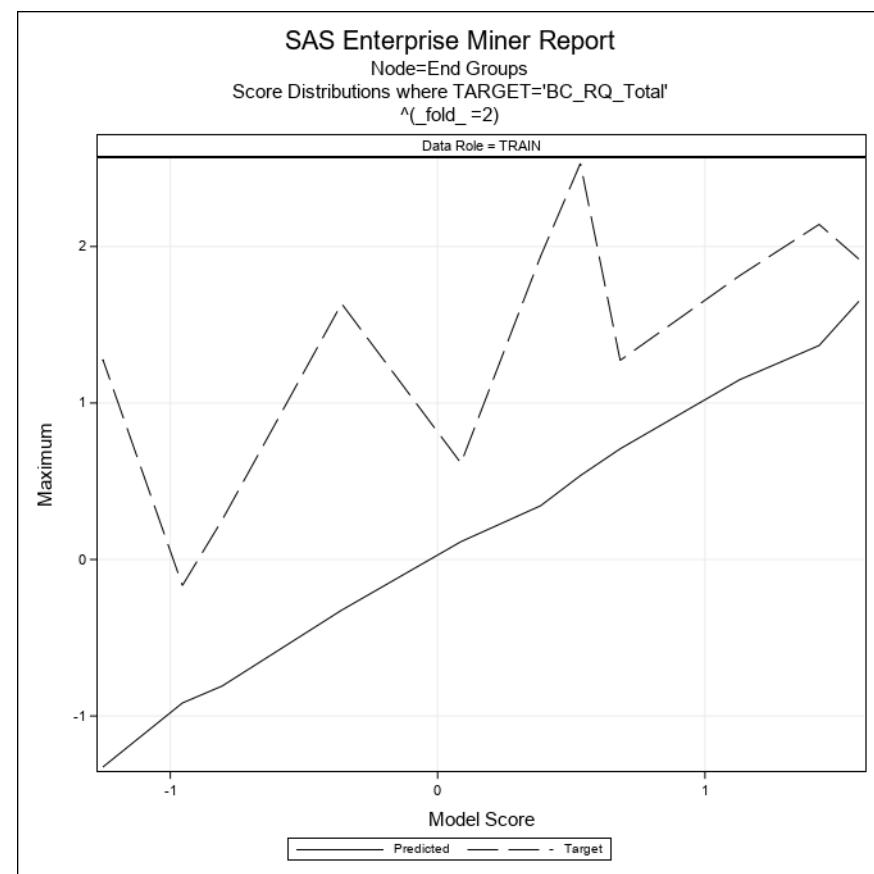
Node=End Groups Variable Summary

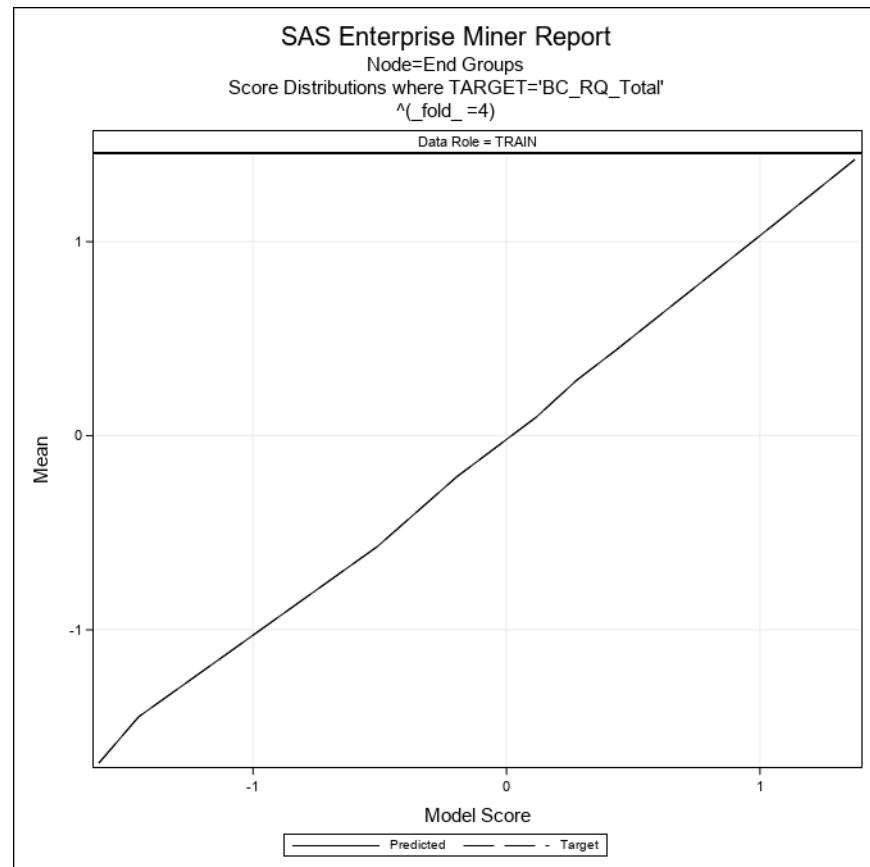
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		Count		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAtot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification	pH_MII_ON_OFF_INF_MISS

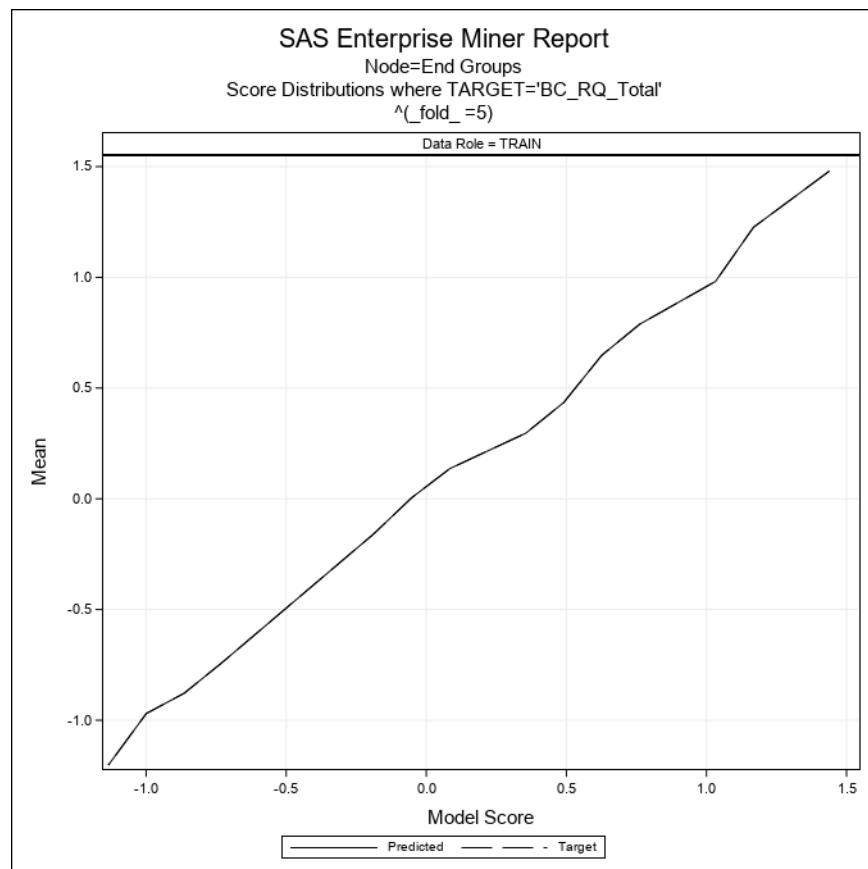
Group Index	Group	ModelId	Train: Target Variable	Train: Sum of Frequencies		Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root ASE	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total Target Label
				351	2.14488	183.177	0.52187	0.72241	351	351	351	ReQuest (total score) (Box-Cox transformed)
1	^(fold_=1)	Tree4	BC_RQ_Total	351	2.14488	183.177	0.52187	0.72241	351	351	351	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	Tree4	BC_RQ_Total	345	2.60481	212.061	0.61467	0.78401	345	345	345	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	Tree4	BC_RQ_Total	341	2.17612	192.255	0.56380	0.75086	341	341	341	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	Tree4	BC_RQ_Total	355	2.21168	225.592	0.63547	0.79716	355	355	355	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	Tree4	BC_RQ_Total	341	2.23818	187.487	0.54981	0.74149	341	341	341	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	Tree4	BC_RQ_Total	340	2.17359	222.183	0.65348	0.80838	340	340	340	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	Tree4	BC_RQ_Total	341	2.15650	203.415	0.59653	0.77235	341	341	341	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	Tree4	BC_RQ_Total	337	2.17068	195.123	0.57900	0.76092	337	337	337	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_		BC_RQ_Total	393	2.17068	251.320	0.63949	0.79968	393	.	.	ReQuest (total score) (Box-Cox transformed)

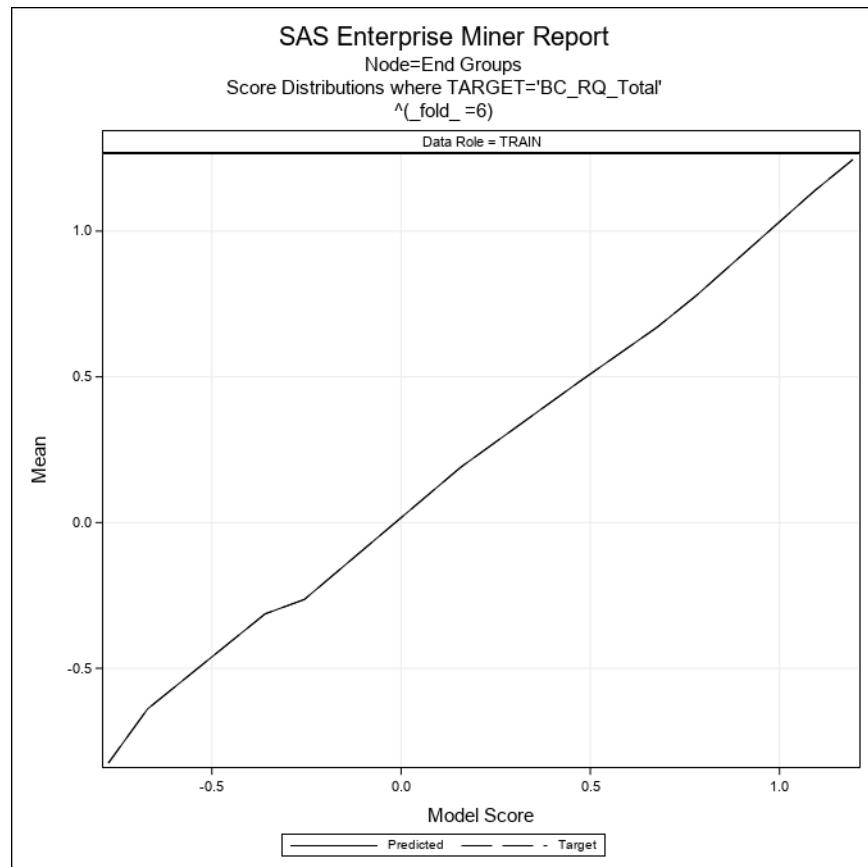
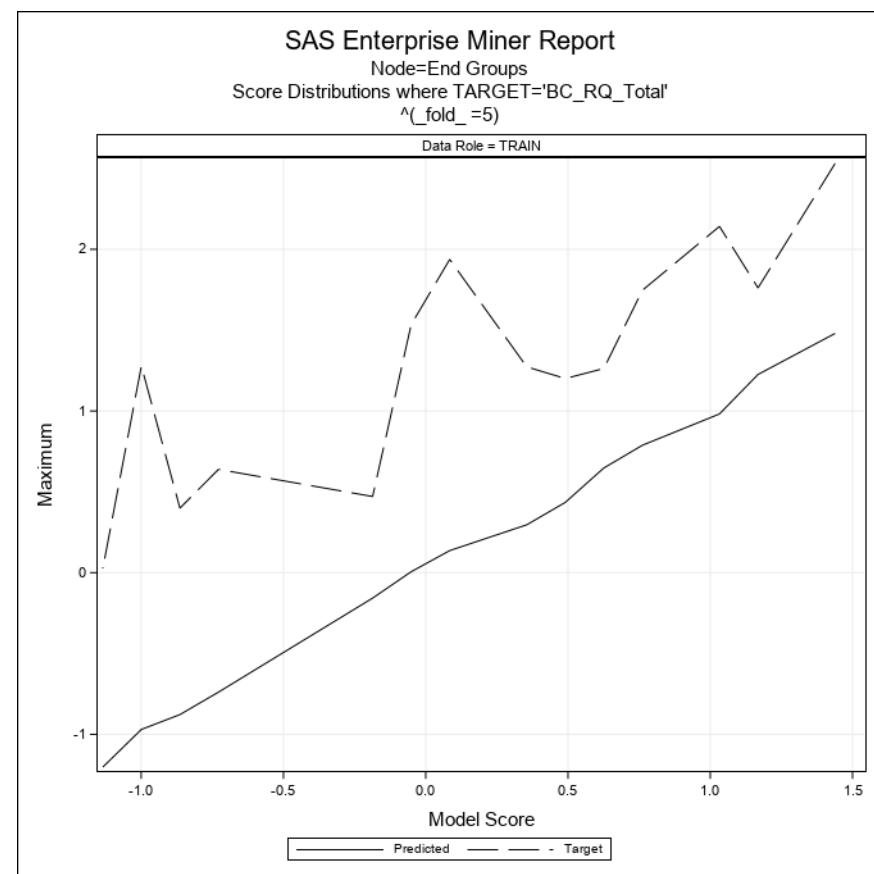












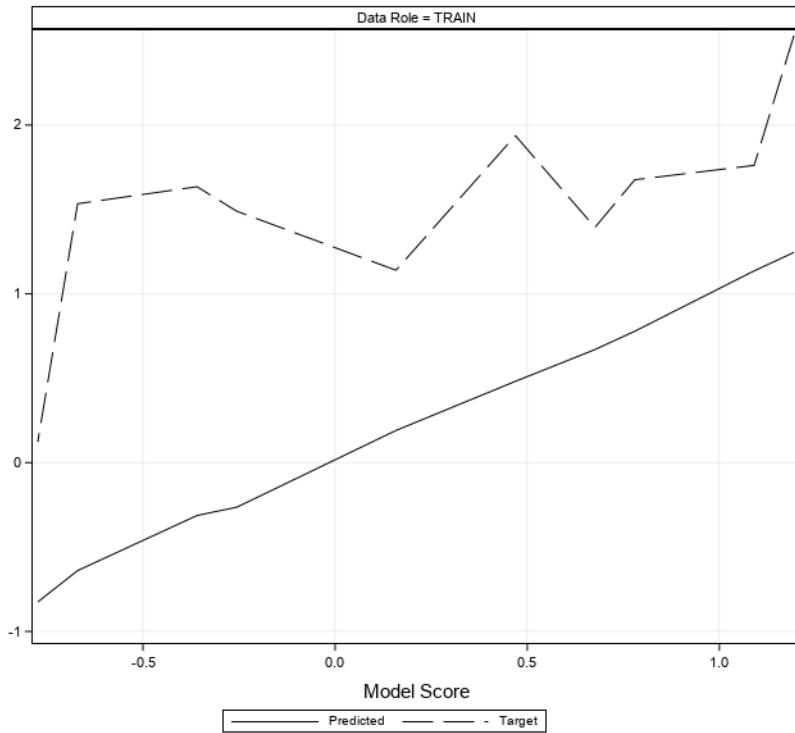
SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)

Data Role = TRAIN

Maximum



Predicted — Target

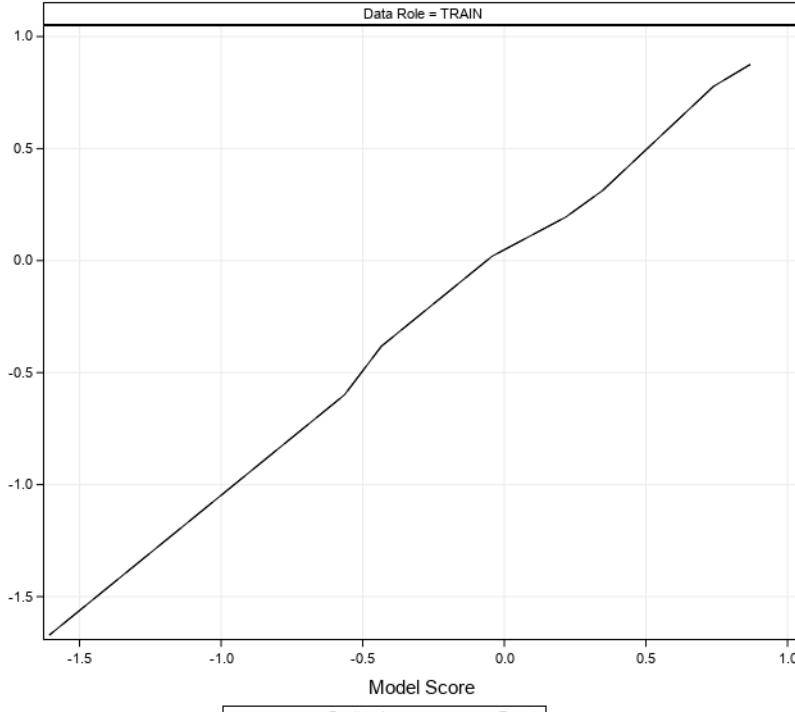
SAS Enterprise Miner Report

Node=End Groups

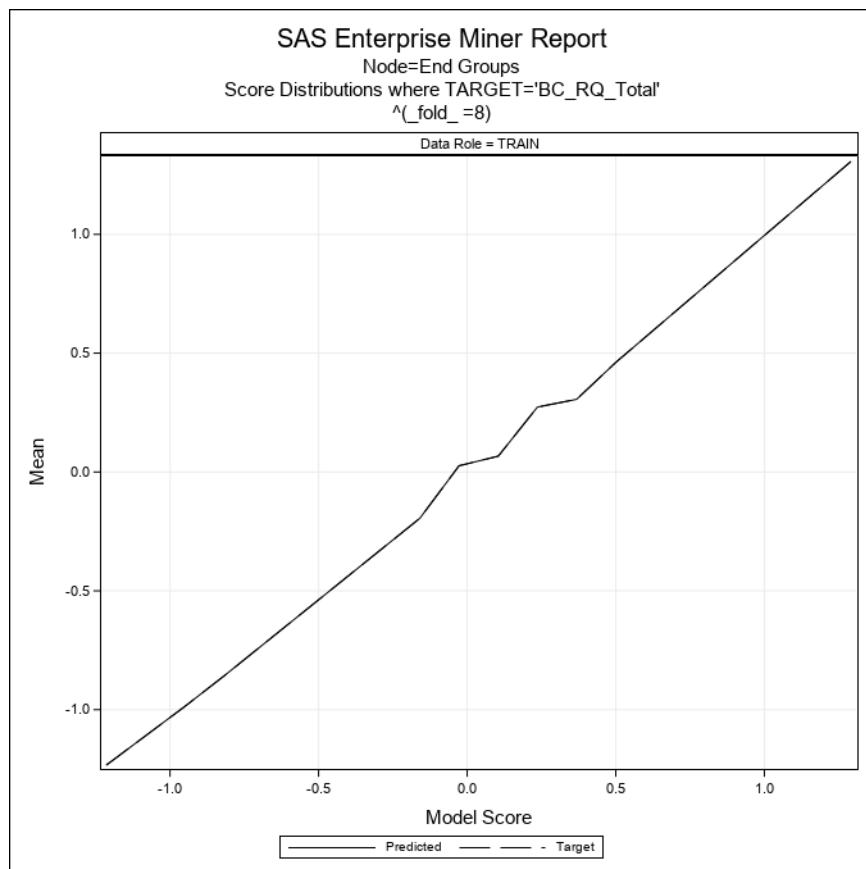
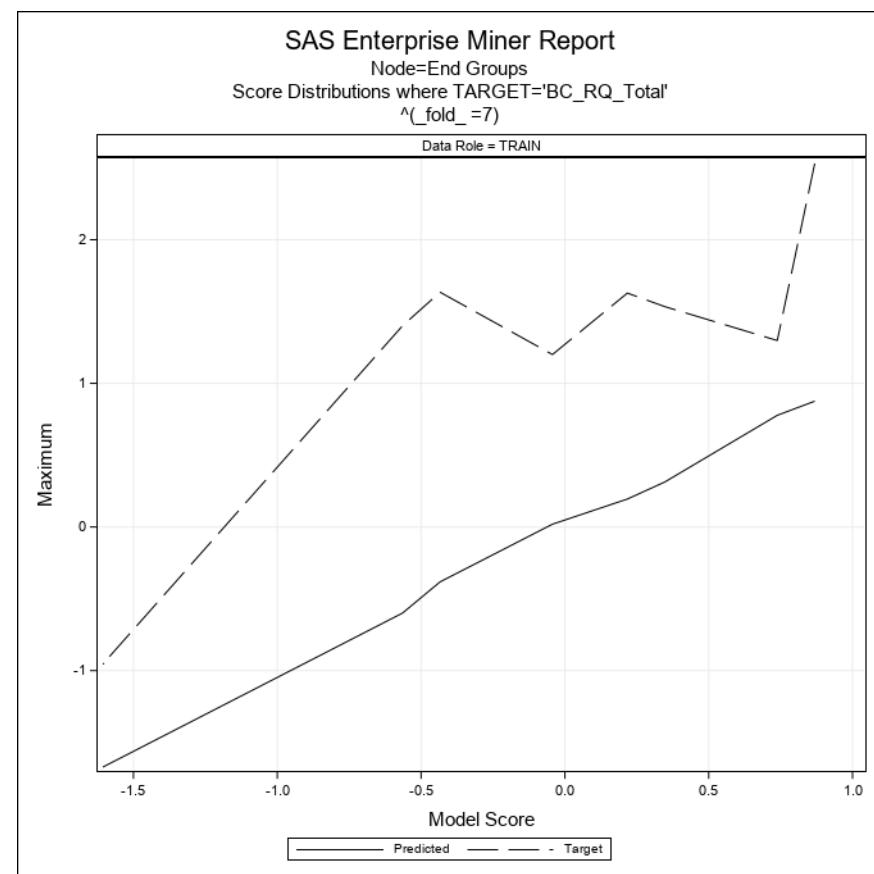
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)

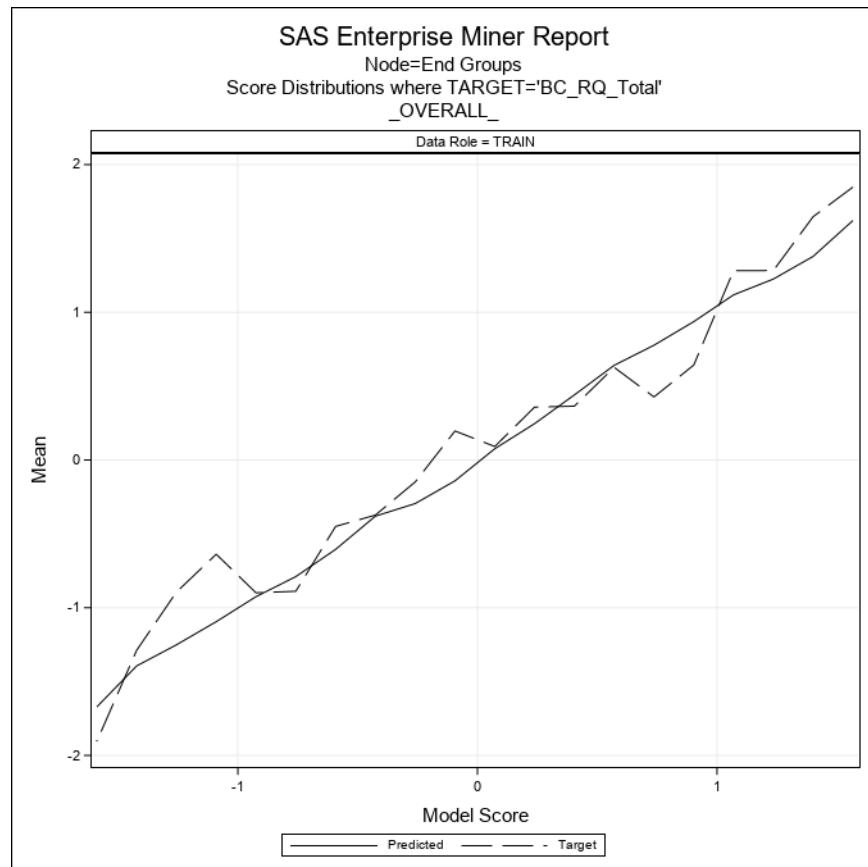
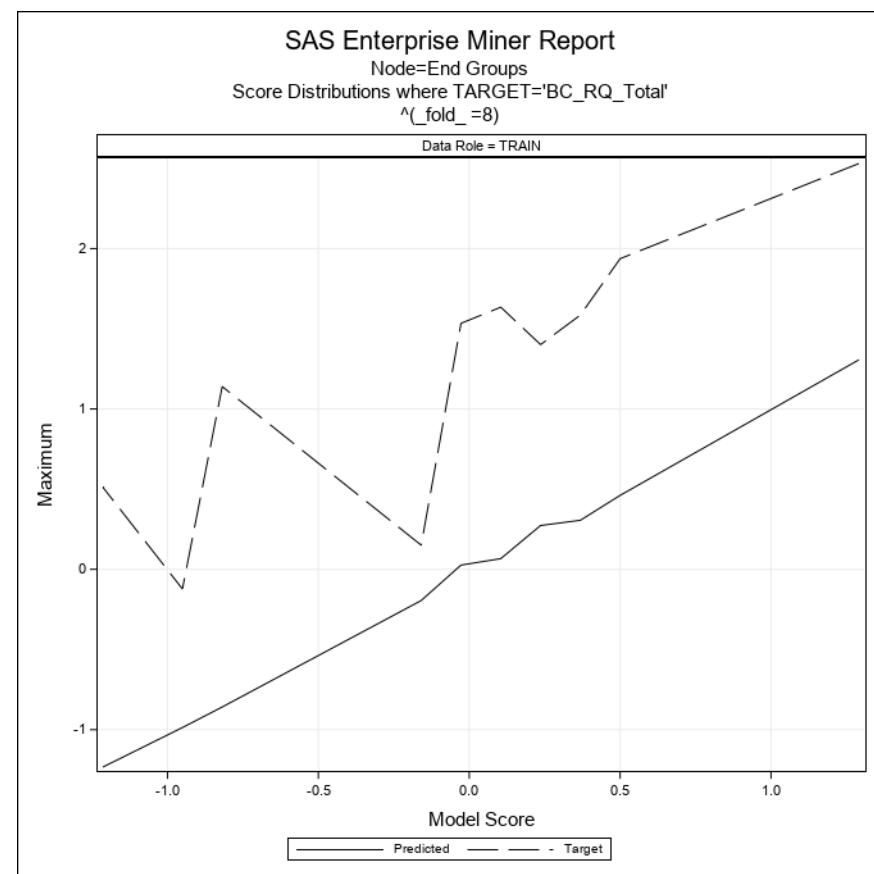
Data Role = TRAIN

Mean



Predicted — Target







Node=End Groups Score Distributions

Group=[^](fold__=1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.116 - 1.247	1.24747	1.24747	1.24747	1.24747	1.74649	0.11612
0.852 - 0.984	0.92207	0.92207	0.92207	0.92207	2.53080	-1.22281
0.720 - 0.852	0.81713	0.81713	0.81713	0.81713	1.29809	0.12536
0.588 - 0.720	0.64703	0.66941	0.64093	0.64703	1.93737	-0.58179
0.324 - 0.456	0.38649	0.38649	0.38649	0.38649	1.27377	-1.14437
0.193 - 0.324	0.26038	0.26038	0.26038	0.26038	1.24519	-0.71719
0.061 - 0.193	0.18207	0.18207	0.18207	0.18207	1.76112	-1.33329
-0.071 - 0.061	-0.00157	-0.00157	-0.00157	-0.00157	1.34601	-1.70934
-0.203 - -0.071	-0.18090	-0.13646	-0.19458	-0.18090	1.15516	-2.12003
-0.467 - -0.335	-0.38216	-0.34454	-0.38831	-0.38216	1.16190	-2.12353
-0.599 - -0.467	-0.56502	-0.47505	-0.59001	-0.56502	1.08830	-1.71804
-0.730 - -0.599	-0.68108	-0.68108	-0.68108	-0.68108	0.39902	-2.12003
-1.390 - -1.258	-1.34672	-1.31342	-1.38963	-1.34672	0.55336	-2.14837

Node=End Groups Score Distributions

Group=[^](fold__=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.501 - 1.650	1.65032	1.65032	1.65032	1.65032	1.91976	1.44435
1.353 - 1.501	1.36760	1.36760	1.36760	1.36760	2.14157	0.64683
1.055 - 1.204	1.14856	1.16964	1.13487	1.14856	1.81338	0.44077
0.608 - 0.757	0.70741	0.70741	0.70741	0.70741	1.27273	0.02676
0.460 - 0.608	0.53596	0.53596	0.53596	0.53596	2.53080	-0.65958
0.311 - 0.460	0.34328	0.39900	0.31412	0.34328	1.93737	-0.88221
0.013 - 0.162	0.11397	0.11674	0.11119	0.11397	0.61566	-0.34228

Group= \wedge (fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.434 - -0.285	-0.32403	-0.32403	-0.32403	-0.32403	1.63467	-2.12353
-0.880 - -0.731	-0.80836	-0.79949	-0.81328	-0.80836	0.25335	-1.71804
-1.029 - -0.880	-0.91701	-0.91701	-0.91701	-0.91701	-0.16595	-1.71630
-1.327 - -1.178	-1.32671	-1.32671	-1.32671	-1.32671	1.27810	-2.11306

Node=End Groups

Score Distributions

Group= \wedge (fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.513 - 1.650	1.65012	1.65012	1.65012	1.65012	1.91976	1.35740
1.376 - 1.513	1.40571	1.43359	1.37784	1.40571	2.53080	0.44077
0.827 - 0.964	0.85352	0.85818	0.84819	0.85352	1.29809	-0.09587
0.689 - 0.827	0.69871	0.69871	0.69871	0.69871	1.54226	-0.87824
0.415 - 0.552	0.46677	0.46677	0.46677	0.46677	1.93737	-1.70934
0.140 - 0.278	0.15415	0.19654	0.14324	0.15415	1.69572	-1.33329
-0.408 - -0.271	-0.31698	-0.31338	-0.33023	-0.31698	1.16190	-2.12353
-0.820 - -0.683	-0.77690	-0.77690	-0.77690	-0.77690	1.27810	-2.14837
-0.957 - -0.820	-0.82064	-0.82064	-0.82064	-0.82064	0.46444	-1.71804
-1.095 - -0.957	-1.09468	-1.09468	-1.09468	-1.09468	-0.08552	-2.12003

Node=End Groups

Score Distributions

Group= \wedge (fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.296 - 1.453	1.42362	1.45315	1.39410	1.42362	2.53080	0.68366
0.982 - 1.139	1.09412	1.09412	1.09412	1.09412	1.93737	0.03446
0.354 - 0.511	0.44214	0.46091	0.42668	0.44214	1.71614	-1.60749
0.197 - 0.354	0.28473	0.34352	0.21125	0.28473	1.69572	-1.24107
0.040 - 0.197	0.09726	0.10087	0.09166	0.09726	1.76112	-2.12003
-0.274 - -0.117	-0.21060	-0.21060	-0.21060	-0.21060	1.63467	-2.12353
-0.588 - -0.431	-0.57076	-0.57076	-0.57076	-0.57076	1.40120	-2.12353
-1.530 - -1.373	-1.44832	-1.44832	-1.44832	-1.44832	-0.38667	-2.03918
-1.687 - -1.530	-1.68682	-1.68682	-1.68682	-1.68682	-0.96273	-2.14837

Node=End Groups

Score Distributions

Group= \wedge (fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.371 - 1.506	1.47974	1.50643	1.42637	1.47974	2.53080	0.52651
1.100 - 1.236	1.22584	1.22584	1.22584	1.22584	1.76112	0.46444
0.965 - 1.100	0.98155	0.98155	0.98155	0.98155	2.14157	0.10520
0.694 - 0.829	0.78807	0.78807	0.78807	0.78807	1.74649	-0.65958
0.558 - 0.694	0.64759	0.64759	0.64759	0.64759	1.26278	-0.07650
0.423 - 0.558	0.43478	0.43478	0.43478	0.43478	1.20060	-1.04523
0.287 - 0.423	0.29613	0.29613	0.29613	0.29613	1.27273	-0.21219
0.017 - 0.152	0.13638	0.13638	0.13638	0.13638	1.93737	-1.71630
-0.119 - -0.017	0.00570	0.01596	-0.10137	0.00570	1.53402	-2.12353
-0.254 - -0.119	-0.15737	-0.15737	-0.15737	-0.15737	0.47113	-0.75757
-0.796 - -0.661	-0.73900	-0.73900	-0.73900	-0.73900	0.63880	-1.71804

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.932 - -0.796	-0.87785	-0.87785	-0.87785	-0.87785	0.39902	-2.03918
-1.067 - -0.932	-0.96968	-0.96009	-1.00039	-0.96968	1.27810	-2.14837
-1.202 - -1.067	-1.20248	-1.20248	-1.20248	-1.20248	0.02670	-1.98818

Node=End Groups Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.142 - 1.246	1.24578	1.24578	1.24578	1.24578	2.53080	-0.07650
1.039 - 1.142	1.13596	1.13596	1.13596	1.13596	1.76112	-0.43311
0.728 - 0.832	0.77848	0.77848	0.77848	0.77848	1.67589	-0.37628
0.624 - 0.728	0.66991	0.66991	0.66991	0.66991	1.39377	-0.56168
0.417 - 0.521	0.48154	0.48154	0.48154	0.48154	1.93737	-1.33329
0.107 - 0.210	0.19069	0.19069	0.19069	0.19069	1.13984	-0.89192
-0.308 - -0.204	-0.26403	-0.25499	-0.26655	-0.26403	1.48934	-1.71804
-0.411 - -0.308	-0.31327	-0.31231	-0.32340	-0.31327	1.63467	-2.12353
-0.722 - -0.618	-0.63958	-0.63958	-0.63958	-0.63958	1.53402	-2.14837
-0.825 - -0.722	-0.82530	-0.82530	-0.82530	-0.82530	0.12536	-2.12003

Node=End Groups Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.803 - 0.934	0.87582	0.93369	0.81327	0.87582	2.53080	-1.22281
0.673 - 0.803	0.77745	0.77745	0.77745	0.77745	1.29809	-0.38404
0.282 - 0.413	0.31349	0.31349	0.31349	0.31349	1.53402	-1.24107
0.152 - 0.282	0.19456	0.19826	0.18987	0.19456	1.62835	-1.33329
-0.108 - 0.022	0.01942	0.01942	0.01942	0.01942	1.20060	-0.94872
-0.499 - -0.369	-0.38227	-0.38227	-0.38227	-0.38227	1.63467	-2.12353
-0.629 - -0.499	-0.59915	-0.55451	-0.61048	-0.59915	1.40120	-2.12353
-1.672 - -1.541	-1.67163	-1.67163	-1.67163	-1.67163	-0.95440	-2.14837

Node=End Groups Score Distributions

Group=^(fold_=8) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.225 - 1.357	1.30665	1.35725	1.23497	1.30665	2.53080	-0.07650
0.434 - 0.566	0.46134	0.46134	0.46134	0.46134	1.93737	-1.70934
0.302 - 0.434	0.30588	0.30588	0.30588	0.30588	1.58573	-1.22281
0.170 - 0.302	0.27324	0.27324	0.27324	0.27324	1.40120	-0.86269
0.039 - 0.170	0.06663	0.11118	0.04504	0.06663	1.63467	-1.98818
-0.093 - 0.039	0.02628	0.02628	0.02628	0.02628	1.53402	-2.12003
-0.225 - -0.093	-0.19460	-0.19460	-0.19460	-0.19460	0.15058	-0.39169
-0.884 - -0.753	-0.85847	-0.85847	-0.85847	-0.85847	1.13984	-2.12003
-1.016 - -0.884	-0.98673	-0.98673	-0.98673	-0.98673	-0.12240	-2.12353
-1.280 - -1.148	-1.23320	-1.18022	-1.28008	-1.23320	0.51216	-2.14837

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.484 - 1.650	1.62146	1.65032	1.50643	1.84767	2.53080	1.44435
1.318 - 1.484	1.37839	1.45315	1.35725	1.64734	2.14157	0.98677
1.152 - 1.318	1.22508	1.24747	1.16964	1.28249	1.67589	0.46444
0.986 - 1.152	1.11803	1.13596	1.09412	1.28225	1.62035	0.82445
0.820 - 0.986	0.93683	0.98155	0.92207	0.64262	1.35740	-0.43311
0.654 - 0.820	0.77696	0.81713	0.66941	0.42671	1.54226	-1.54517
0.488 - 0.654	0.64093	0.64093	0.64093	0.62713	0.62713	0.62713
0.322 - 0.488	0.44065	0.48154	0.33334	0.36455	1.93737	-1.70934
0.155 - 0.322	0.24607	0.31412	0.18207	0.35802	1.76112	-1.22281
-0.011 - 0.155	0.07634	0.14868	-0.00157	0.09140	1.63467	-1.77371
-0.177 - -0.011	-0.14107	-0.10137	-0.15737	0.19634	0.52755	-0.38093
-0.343 - -0.177	-0.29500	-0.19458	-0.33023	-0.14866	1.53402	-1.68223
-0.509 - -0.343	-0.38009	-0.34454	-0.38831	-0.37276	0.87701	-2.12353
-0.675 - -0.509	-0.60507	-0.55451	-0.63958	-0.44977	1.40120	-2.12353
-0.841 - -0.675	-0.78934	-0.77690	-0.82064	-0.88866	0.98831	-2.03918
-1.007 - -0.841	-0.92521	-0.85847	-1.00039	-0.89910	1.18876	-2.12003
-1.173 - -1.007	-1.09468	-1.09468	-1.09468	-0.63798	-0.38404	-0.89192
-1.339 - -1.173	-1.25128	-1.18022	-1.32671	-0.89420	1.27810	-2.11306
-1.506 - -1.339	-1.39429	-1.36293	-1.44832	-1.28867	-0.38667	-2.03918
-1.672 - -1.506	-1.67163	-1.67163	-1.67163	-1.90468	-1.66099	-2.14837

Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	341
2	^(fold_=2)	339
3	^(fold_=3)	352
4	^(fold_=4)	352
5	^(fold_=5)	344
6	^(fold_=6)	345
7	^(fold_=7)	350
8	^(fold_=8)	328

SAS Enterprise Miner Report

Node=DMNeural Summary

Node id = DMNeural2
 Node label = DMNeural
 Meta path = Ids => Trans => Grp2 => DMNeural2
 Notes =

Node=DMNeural Properties

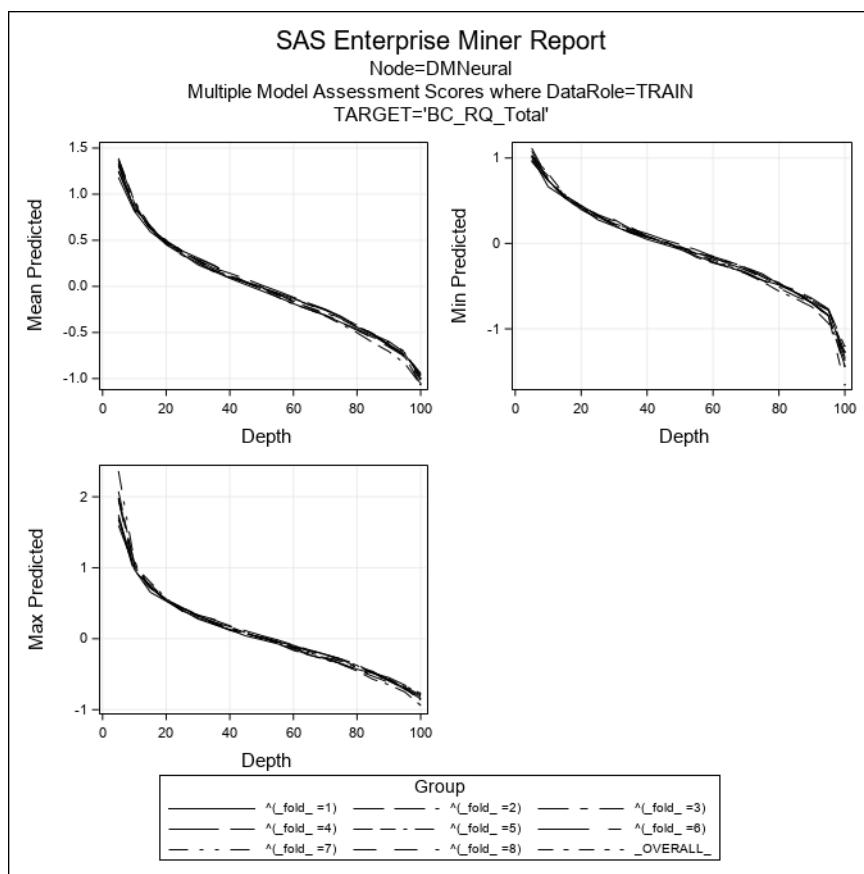
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DMNeural		MaxFunction	500		PrintCovMatrix	N	
AbsGconv	0.0005		MaxIteration	200		PrintOptimizationHistory	N	
BinaryCutoff	0.5		MaxStage	3		PrintOption	DEFAULT	
Gconv	1E-8		MemSize	8		ScoreVarSuffix		
MaxComponent	6	3	ModelSelectionCriterion	DEFAULT		StatusMonitor	N	
MaxEigenVectors	400		OptimizationCriterion	SSE		StopR2	0.00005	

Node=DMNeural Variable Summary

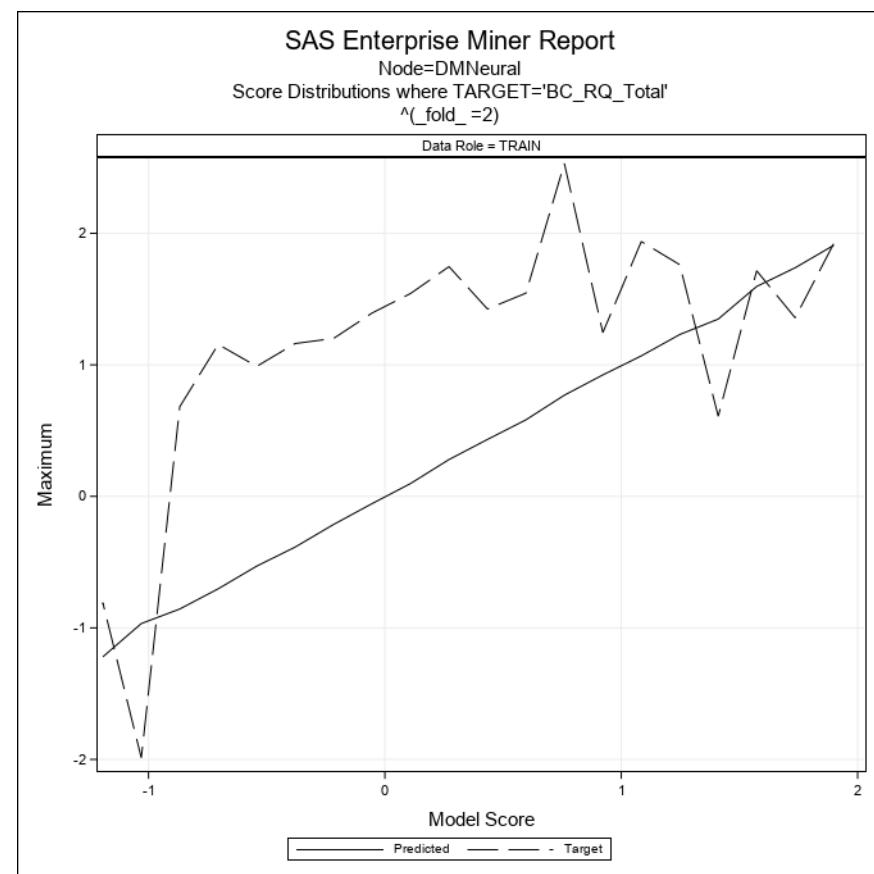
Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
INPUT	INTERVAL	22	ASltot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAtot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

Group Index	Group	Train:		Train:		Train:		Train:		Train:	
		Target Variable	Average Squared Error	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Root Squared Error	Average Sum of Squared Errors	Error Function	Average Error Function	
1	^(fold_=1)	BC_RQ_Total	0.68295	346	2.01348	346	0.82641	236.299	236.299	0.68295	
2	^(fold_=2)	BC_RQ_Total	0.67610	361	2.31776	361	0.82225	244.073	244.073	0.67610	
3	^(fold_=3)	BC_RQ_Total	0.63650	351	2.16580	351	0.79781	223.412	223.412	0.63650	
4	^(fold_=4)	BC_RQ_Total	0.67783	342	2.42743	342	0.82331	231.818	231.818	0.67783	
5	^(fold_=5)	BC_RQ_Total	0.64599	336	2.14605	336	0.80373	217.052	217.052	0.64599	
6	^(fold_=6)	BC_RQ_Total	0.68690	355	2.22362	355	0.82879	243.850	243.850	0.68690	
7	^(fold_=7)	BC_RQ_Total	0.63345	349	2.46042	349	0.79589	221.073	221.073	0.63345	
8	^(fold_=8)	BC_RQ_Total	0.65917	342	2.15753	342	0.81189	225.435	225.435	0.65917	
9	_OVERALL_	BC_RQ_Total	0.67002	393	2.60510	393	0.81855	263.319	.	.	

Degrees of Freedom	Total Degrees of Freedom for Error	Train: Root Mean Squared Error		Train: Number of Weights		Train: Final Prediction Error		Train: Root Final Prediction Error		Train: Akaike's Information Criterion		Train: Schwarz's Bayesian Criterion		Train: Target Label	
		Mean	Squared Error	Mean	Squared Error	Number of Weights	Prediction Error	Final Prediction Error	Root Final Prediction Error	Akaike's Information Criterion	Schwarz's Bayesian Criterion	Target Label			
346	307	0.76970	0.87733	39	0.85646	0.92545	-53.9436	96.0675	ReQuest (total score) (Box-Cox transformed)						
361	322	0.75799	0.87063	39	0.83988	0.91645	-63.2989	88.3673	ReQuest (total score) (Box-Cox transformed)						
351	312	0.71606	0.84621	39	0.79563	0.89198	-80.5712	69.9995	ReQuest (total score) (Box-Cox transformed)						
342	303	0.76508	0.87469	39	0.85232	0.92321	-54.9889	94.5687	ReQuest (total score) (Box-Cox transformed)						
336	297	0.73082	0.85488	39	0.81564	0.90313	-68.8228	80.0446	ReQuest (total score) (Box-Cox transformed)						
355	316	0.77168	0.87845	39	0.85645	0.92545	-55.3259	95.6867	ReQuest (total score) (Box-Cox transformed)						
349	310	0.71314	0.84448	39	0.79283	0.89041	-81.3463	69.0015	ReQuest (total score) (Box-Cox transformed)						
342	303	0.74401	0.86256	39	0.82885	0.91041	-64.5390	85.0186	ReQuest (total score) (Box-Cox transformed)						
									ReQuest (total score) (Box-Cox transformed)						











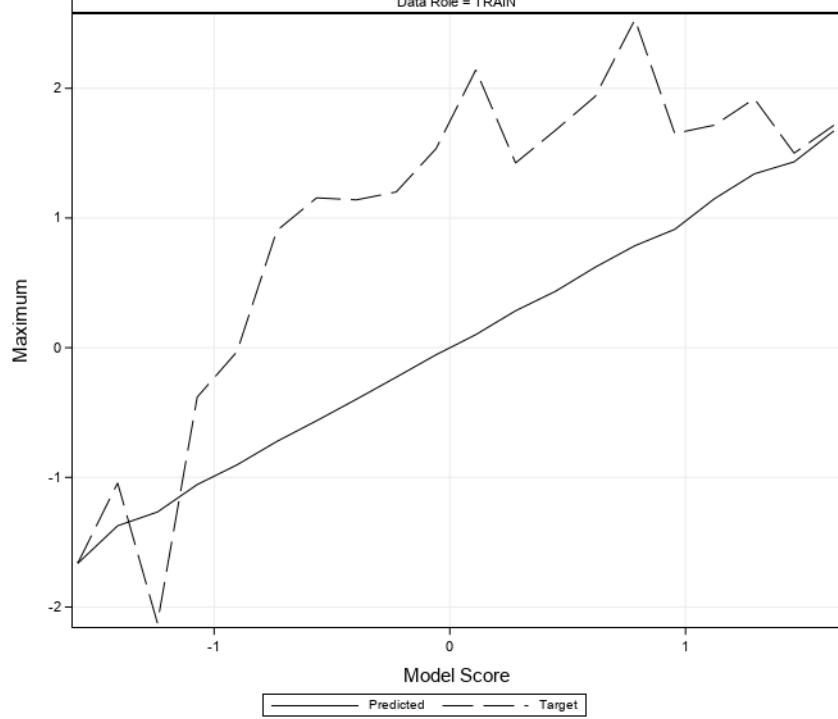


SAS Enterprise Miner Report

Node=DMNeural

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)

Data Role = TRAIN



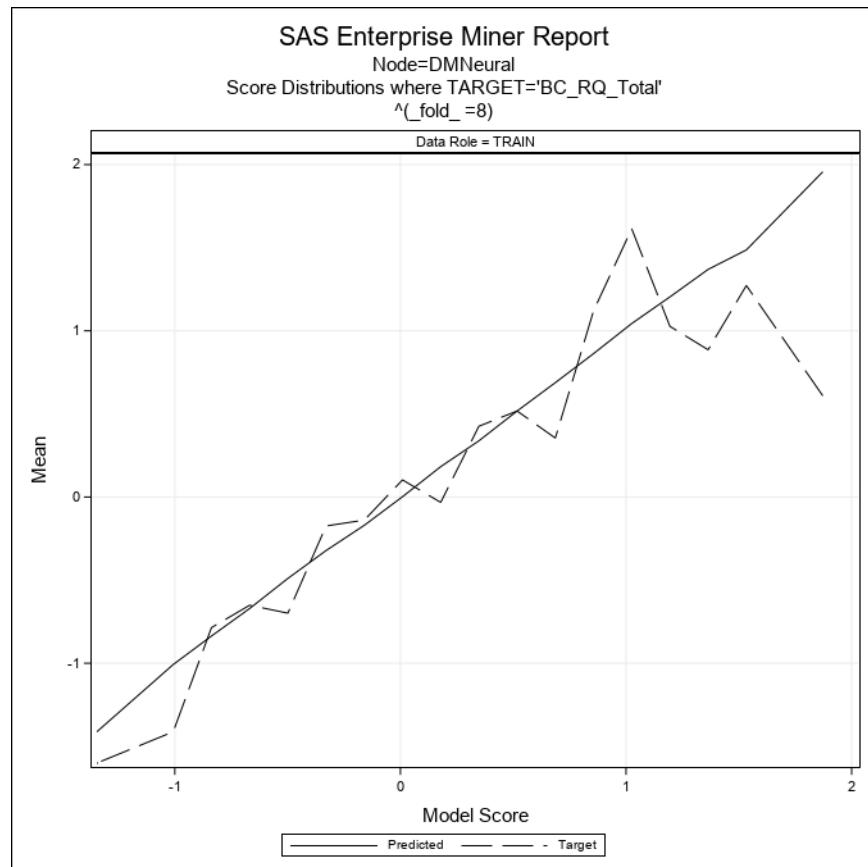
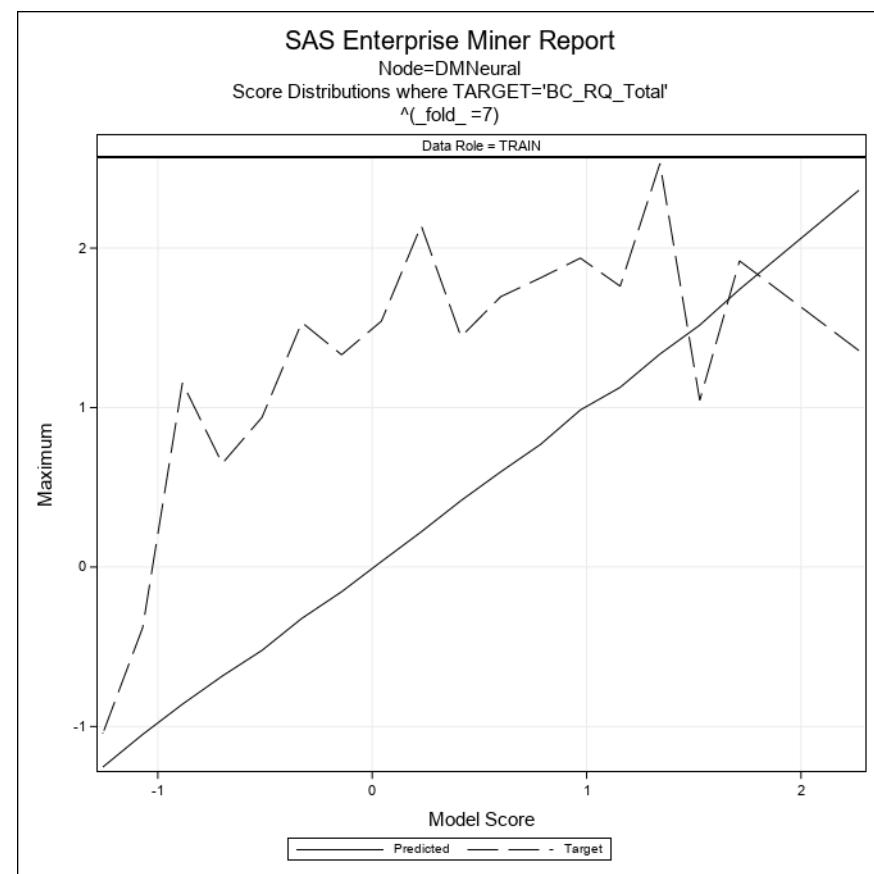
SAS Enterprise Miner Report

Node=DMNeural

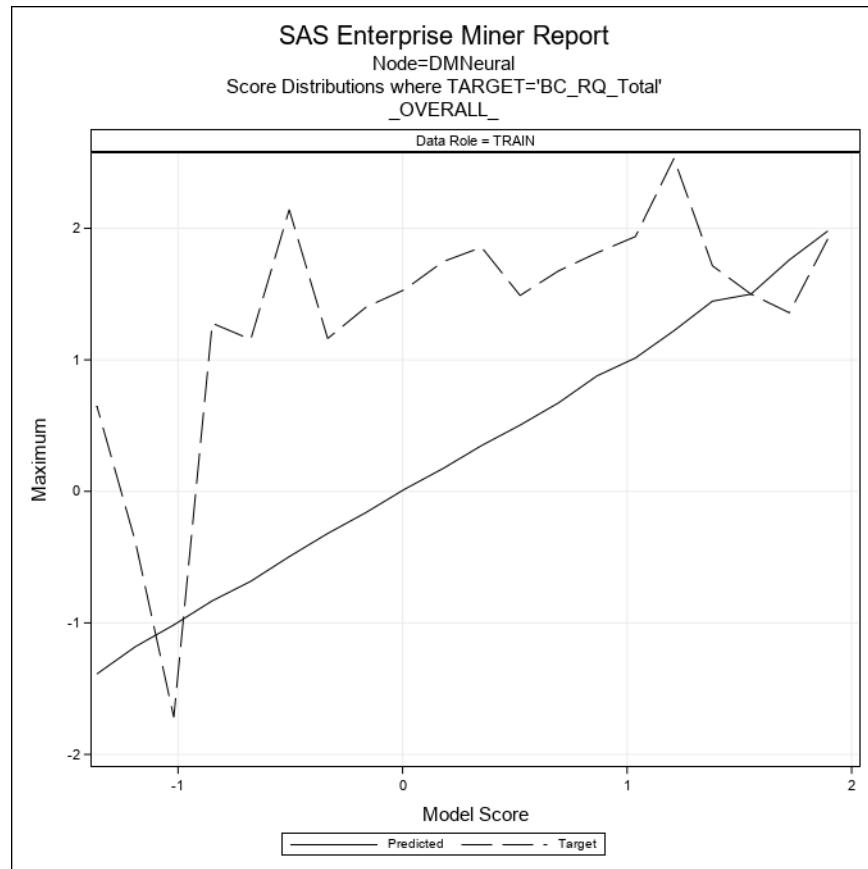
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)

Data Role = TRAIN









Node=DMNeural Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.527 - 1.677	1.67740	1.67740	1.67740	1.91976	1.91976	1.91976
1.227 - 1.377	1.26693	1.30226	1.23148	1.22390	1.76112	-0.07723
1.077 - 1.227	1.13970	1.19419	1.11513	0.89253	2.53080	-0.07650
0.926 - 1.077	1.00260	1.05145	0.93377	1.11846	1.74649	0.07866
0.776 - 0.926	0.84177	0.89569	0.78203	0.58666	1.22217	-0.09493
0.626 - 0.776	0.68381	0.77450	0.63094	0.56437	1.81338	-1.33329
0.476 - 0.626	0.55621	0.61675	0.48620	0.82535	1.85573	-0.87824
0.326 - 0.476	0.41202	0.47223	0.33676	0.57429	1.93737	-0.64573
0.175 - 0.326	0.23443	0.32334	0.17996	0.35647	1.53402	-1.18976
0.025 - 0.175	0.09361	0.16718	0.02590	0.32544	2.14157	-1.71804
-0.125 - 0.025	-0.05105	0.02020	-0.12454	0.15111	1.18876	-1.45147
-0.275 - -0.125	-0.19987	-0.12633	-0.27309	-0.45200	1.20060	-2.14837
-0.425 - -0.275	-0.33896	-0.27703	-0.42011	-0.20616	1.06762	-2.12353
-0.576 - -0.425	-0.49201	-0.42672	-0.56747	-0.47548	1.06828	-1.93471
-0.726 - -0.576	-0.65164	-0.57641	-0.72191	-0.74492	0.87701	-2.12003
-0.876 - -0.726	-0.78195	-0.72758	-0.87041	-0.96625	1.15516	-2.12003
-1.026 - -0.876	-0.90554	-0.88864	-0.94119	-1.30686	-0.98615	-1.66047
-1.176 - -1.026	-1.10216	-1.05845	-1.17037	-1.42786	-0.66623	-2.12353
-1.327 - -1.176	-1.28034	-1.23401	-1.32667	-1.34958	-1.04319	-1.65597

Node=DMNeural Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.817 - 1.980	1.90814	1.97962	1.83666	1.70986	1.91976	1.49995
1.654 - 1.817	1.73799	1.76571	1.71026	0.64045	1.35740	-0.07650
1.492 - 1.654	1.59577	1.64722	1.54432	1.61320	1.71506	1.51134
1.329 - 1.492	1.34796	1.34796	1.34796	0.60913	0.60913	0.60913
1.166 - 1.329	1.23035	1.27410	1.17387	1.00769	1.76112	-0.07723
1.003 - 1.166	1.06800	1.12158	1.00636	0.97825	1.93737	-0.09493
0.841 - 1.003	0.92321	0.98447	0.87161	0.52491	1.24519	-1.33329
0.678 - 0.841	0.76919	0.82376	0.69021	1.47072	2.53080	0.63880
0.515 - 0.678	0.58184	0.67033	0.53234	0.76783	1.54488	-0.87824
0.353 - 0.515	0.43253	0.51235	0.36711	0.64215	1.42447	-0.71719
0.190 - 0.353	0.27981	0.35016	0.19500	0.54667	1.74649	-1.37563
0.027 - 0.190	0.09757	0.18082	0.02926	-0.05041	1.54226	-1.71804
-0.136 - 0.027	-0.05535	0.02596	-0.13365	-0.08999	1.39377	-1.93471
-0.298 - -0.136	-0.21361	-0.13780	-0.29516	-0.20980	1.20060	-2.12003
-0.461 - -0.298	-0.38567	-0.29875	-0.46067	-0.26797	1.16190	-2.03918
-0.624 - -0.461	-0.53060	-0.47220	-0.61913	-0.69416	0.98831	-2.12003
-0.786 - -0.624	-0.70283	-0.63501	-0.77352	-0.78623	1.15516	-2.14837
-0.949 - -0.786	-0.85648	-0.79449	-0.93159	-0.88146	0.68168	-2.11306
-1.112 - -0.949	-0.96710	-0.96710	-0.96710	-1.98818	-1.98818	-1.98818
-1.275 - -1.112	-1.22028	-1.17137	-1.27453	-1.44030	-0.80863	-1.75125

Node=DMNeural Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.447 - 1.596	1.56245	1.59565	1.50985	1.41465	1.91976	0.60913
1.299 - 1.447	1.39248	1.41911	1.36354	0.56258	0.82445	0.33679
1.151 - 1.299	1.20445	1.24632	1.16258	1.62891	1.74649	1.51134
1.003 - 1.151	1.10220	1.14502	1.00722	0.66573	1.76112	-0.43311
0.854 - 1.003	0.94627	0.97948	0.89724	0.85313	1.65154	0.07866
0.706 - 0.854	0.76970	0.85100	0.70692	1.01541	2.53080	-1.33329
0.558 - 0.706	0.64371	0.69996	0.59159	1.12364	1.85573	-0.23328
0.410 - 0.558	0.47448	0.54752	0.41141	0.44457	1.27892	-0.71719
0.261 - 0.410	0.32649	0.40685	0.26143	0.50459	1.69572	-1.39504
0.113 - 0.261	0.18933	0.25732	0.11850	0.45291	2.14157	-1.71804
-0.035 - 0.113	0.04172	0.11300	-0.03098	0.04246	1.54226	-1.24826
-0.183 - -0.035	-0.11290	-0.03668	-0.18217	-0.26231	1.40120	-2.12353
-0.332 - -0.183	-0.25240	-0.18403	-0.33104	-0.24464	1.16606	-1.71630
-0.480 - -0.332	-0.40596	-0.33664	-0.47779	-0.62000	1.06762	-2.12003
-0.628 - -0.480	-0.54295	-0.48048	-0.62255	-0.39443	0.98831	-1.70934
-0.777 - -0.628	-0.69472	-0.62830	-0.76420	-0.72195	1.15516	-2.03918
-0.925 - -0.777	-0.84463	-0.78136	-0.92392	-0.78530	0.64939	-2.14837
-1.073 - -0.925	-0.97513	-0.93976	-1.01690	-1.35124	0.38121	-2.12353
-1.221 - -1.073	-1.12464	-1.09840	-1.15089	-1.60066	-1.54033	-1.66099
-1.370 - -1.221	-1.35327	-1.33693	-1.36960	-1.36916	-1.04319	-1.69512

Node=DMNeural Score Distributions

Group=^(_fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.599 - 1.747	1.68900	1.74653	1.63146	1.53623	1.71506	1.35740
1.451 - 1.599	1.51030	1.55722	1.47707	1.27893	1.91976	-0.07650
1.303 - 1.451	1.40347	1.40939	1.39553	0.97784	1.49995	0.60913
1.155 - 1.303	1.22360	1.26119	1.16540	1.03272	1.71614	0.33679
1.007 - 1.155	1.09300	1.13763	1.01507	0.94992	1.62835	0.58260
0.860 - 1.007	0.93006	1.00539	0.86483	0.62601	1.81338	-1.33329
0.712 - 0.860	0.77294	0.84705	0.71248	1.40230	2.53080	0.29246
0.564 - 0.712	0.63061	0.70402	0.58499	0.93045	1.74649	-0.43311
0.416 - 0.564	0.48613	0.56186	0.43082	0.81468	1.69572	-0.71719
0.268 - 0.416	0.32959	0.39798	0.27298	0.43272	1.54226	-0.87824
0.121 - 0.268	0.18433	0.26026	0.13339	0.05589	1.53402	-1.71804
-0.027 - 0.121	0.04897	0.11747	-0.02680	-0.01248	1.27810	-1.44120
-0.175 - -0.027	-0.10105	-0.03915	-0.17069	-0.18657	1.39377	-1.98839
-0.323 - -0.175	-0.24540	-0.17959	-0.32247	-0.37627	2.14157	-2.12353
-0.471 - -0.323	-0.38997	-0.32419	-0.46192	-0.37739	1.06762	-2.12003
-0.618 - -0.471	-0.54879	-0.47761	-0.61771	-0.58864	1.15516	-2.12003
-0.766 - -0.618	-0.70279	-0.62287	-0.76248	-0.71349	0.64939	-2.14837
-0.914 - -0.766	-0.81912	-0.76704	-0.89912	-0.47347	0.55336	-1.66999
-1.062 - -0.914	-1.00378	-0.91673	-1.04858	-1.46683	-0.98842	-1.71795
-1.210 - -1.062	-1.11048	-1.06665	-1.20969	-1.39330	-0.38093	-2.12353

Node=DMNeural Score Distributions

Group=^(_fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.908 - 2.076	2.07611	2.07611	2.07611	1.71506	1.71506	1.71506
1.741 - 1.908	1.80599	1.80599	1.80599	1.35740	1.35740	1.35740
1.573 - 1.741	1.64208	1.69173	1.57781	0.75948	1.71614	-0.07650
1.405 - 1.573	1.42837	1.44034	1.41640	1.22640	1.62835	0.82445
1.237 - 1.405	1.31768	1.40446	1.25681	0.62735	1.51134	0.07866
1.069 - 1.237	1.18491	1.21312	1.15603	1.07628	1.49995	0.68366
0.902 - 1.069	0.98134	1.06085	0.91709	1.09555	1.93737	-0.09493
0.734 - 0.902	0.82277	0.87723	0.76431	1.13360	2.53080	0.25818
0.566 - 0.734	0.61739	0.71675	0.56795	0.84726	1.67589	-1.33329
0.398 - 0.566	0.46843	0.54659	0.39959	0.54096	1.85573	-1.44120
0.230 - 0.398	0.31938	0.39398	0.23414	0.19302	1.19704	-0.87824
0.063 - 0.230	0.13265	0.21026	0.06290	0.19037	1.69572	-1.71804
-0.105 - 0.063	-0.01804	0.04680	-0.09306	0.11419	2.14157	-1.37563
-0.273 - -0.105	-0.19594	-0.10870	-0.26271	-0.23871	1.39377	-2.12353
-0.441 - -0.273	-0.35421	-0.27771	-0.43702	-0.28316	1.20060	-1.71630
-0.609 - -0.441	-0.52444	-0.44326	-0.60855	-0.58430	1.13984	-2.12003
-0.776 - -0.609	-0.69135	-0.60914	-0.76371	-0.61438	0.98831	-1.91626
-0.944 - -0.776	-0.87523	-0.78373	-0.93945	-0.92783	1.15516	-2.03918
-1.112 - -0.944	-0.99998	-0.95199	-1.07734	-1.37582	0.09291	-2.14837
-1.280 - -1.112	-1.22426	-1.17185	-1.27987	-1.31268	-0.80863	-1.66047

Node=DMNeural Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.545 - 1.714	1.67190	1.71386	1.62197	0.52044	1.71506	-0.07723
1.376 - 1.545	1.43312	1.45404	1.41328	1.22727	1.49995	0.82445
1.207 - 1.376	1.34041	1.37444	1.29502	1.21673	1.91976	0.33679
1.039 - 1.207	1.14912	1.20330	1.09180	0.92879	1.71614	-0.09493
0.870 - 1.039	0.91249	1.00587	0.87168	0.56988	1.65154	-1.33329
0.701 - 0.870	0.78661	0.84203	0.71187	1.19649	2.53080	0.41807
0.532 - 0.701	0.62035	0.68509	0.54178	1.13370	1.93737	-0.71719
0.363 - 0.532	0.43431	0.52917	0.36733	0.55014	1.67589	-1.18976
0.194 - 0.363	0.28456	0.35930	0.19783	0.18342	1.42447	-1.37563
0.026 - 0.194	0.10054	0.17023	0.03155	0.40312	2.14157	-1.71804
-0.143 - 0.026	-0.05493	0.02372	-0.13780	-0.16227	1.53402	-2.03918
-0.312 - -0.143	-0.22773	-0.14387	-0.31121	-0.16143	1.20060	-2.12003
-0.481 - -0.312	-0.39758	-0.31416	-0.47678	-0.40001	1.13984	-2.12353
-0.650 - -0.481	-0.56347	-0.48150	-0.64660	-0.77752	1.15516	-2.12003
-0.818 - -0.650	-0.72300	-0.65716	-0.79441	-0.69291	0.90261	-2.14837
-0.987 - -0.818	-0.90352	-0.82862	-0.98649	-1.37092	-0.03051	-2.11306
-1.156 - -0.987	-1.05544	-1.03328	-1.06871	-1.01184	-0.38093	-1.98818
-1.325 - -1.156	-1.26692	-1.26692	-1.26692	-2.12353	-2.12353	-2.12353
-1.494 - -1.325	-1.37338	-1.34099	-1.40577	-1.29176	-1.04319	-1.54033
-1.663 - -1.494	-1.66255	-1.66255	-1.66255	-1.66099	-1.66099	-1.66099

Node=DMNeural Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.177 - 2.363	2.36292	2.36292	2.36292	1.35740	1.35740	1.35740
1.620 - 1.806	1.74146	1.78232	1.70061	1.81795	1.91976	1.71614
1.435 - 1.620	1.51727	1.52597	1.50857	0.82719	1.04524	0.60913
1.249 - 1.435	1.33584	1.41610	1.25205	1.49389	2.53080	0.58260
1.064 - 1.249	1.12701	1.18494	1.08958	0.74486	1.76112	-1.33329
0.878 - 1.064	0.98493	1.03965	0.88222	1.09659	1.93737	-0.09493
0.692 - 0.878	0.76937	0.85198	0.69392	1.22327	1.81338	0.48813
0.507 - 0.692	0.59738	0.68883	0.51112	0.76476	1.69572	-0.39592
0.321 - 0.507	0.41671	0.50499	0.32415	0.49334	1.44435	-0.71719
0.136 - 0.321	0.22069	0.30965	0.13656	0.20478	2.14157	-1.44120
-0.050 - 0.136	0.03459	0.12538	-0.04750	0.23023	1.54226	-1.68223
-0.236 - -0.050	-0.15484	-0.05381	-0.23316	-0.42155	1.33127	-2.12353
-0.421 - -0.236	-0.32194	-0.23949	-0.40935	-0.16242	1.53402	-1.98839
-0.607 - -0.421	-0.52224	-0.42140	-0.60533	-0.67318	0.93883	-2.14837
-0.792 - -0.607	-0.68381	-0.60978	-0.77595	-0.66311	0.64939	-2.12003
-0.978 - -0.792	-0.86003	-0.79411	-0.96499	-0.96368	1.15516	-1.75125
-1.164 - -0.978	-1.04977	-0.99449	-1.13971	-1.23713	-0.38093	-1.66999
-1.349 - -1.164	-1.25434	-1.18516	-1.34930	-1.45158	-1.04319	-2.11306

Node=DMNeural Score Distributions

Group=^(_fold_=8) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.787 - 1.957	1.95660	1.95660	1.95660	0.60913	0.60913	0.60913
1.449 - 1.618	1.48660	1.48851	1.48468	1.27259	1.49995	1.04524
1.279 - 1.449	1.36942	1.40913	1.30958	0.88585	1.71614	-0.07650
1.110 - 1.279	1.20408	1.23527	1.17288	1.02679	1.76112	0.29246
0.941 - 1.110	1.04377	1.10197	0.97878	1.61381	2.53080	1.12232
0.771 - 0.941	0.86266	0.93378	0.79094	1.11986	1.81338	0.07866
0.602 - 0.771	0.68811	0.76385	0.60222	0.35461	1.44711	-1.33329
0.432 - 0.602	0.51747	0.59339	0.43994	0.51762	1.44516	-0.87824
0.263 - 0.432	0.33820	0.42959	0.26429	0.42595	1.85573	-0.85695
0.094 - 0.263	0.18261	0.25735	0.10025	-0.03222	1.53402	-1.71804
-0.076 - 0.094	0.00179	0.08995	-0.07250	0.10294	2.14157	-2.12003
-0.245 - -0.076	-0.17015	-0.08788	-0.24084	-0.13893	1.40120	-2.03918
-0.414 - -0.245	-0.32196	-0.24819	-0.41268	-0.17403	1.16190	-2.00400
-0.584 - -0.414	-0.48974	-0.41720	-0.56313	-0.69874	1.06762	-2.12353
-0.753 - -0.584	-0.67067	-0.58928	-0.75141	-0.65091	1.15516	-2.12353
-0.922 - -0.753	-0.83641	-0.76265	-0.90229	-0.78566	0.64939	-2.14837
-1.092 - -0.922	-1.00755	-0.93273	-1.08642	-1.41222	-0.38093	-2.11306
-1.430 - -1.261	-1.41247	-1.39460	-1.43033	-1.60066	-1.54033	-1.66099

Node=DMNeural Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.808 - 1.980	1.97962	1.97962	1.97962	1.91976	1.91976	1.91976
1.637 - 1.808	1.75992	1.80599	1.71386	0.64045	1.35740	-0.07650
1.466 - 1.637	1.49918	1.50985	1.48851	1.05454	1.49995	0.60913
1.294 - 1.466	1.44577	1.44577	1.44577	1.71506	1.71506	1.71506
1.123 - 1.294	1.22128	1.28843	1.12366	0.87995	2.53080	-0.43311
0.952 - 1.123	1.01431	1.06103	0.95296	1.23508	1.93737	0.25818
0.780 - 0.952	0.87783	0.94174	0.79094	0.78907	1.81338	-1.33329
0.609 - 0.780	0.67290	0.75692	0.61182	0.92618	1.67589	-0.87824
0.437 - 0.609	0.50342	0.58773	0.44079	0.62261	1.48934	-1.14437
0.266 - 0.437	0.34819	0.43333	0.28074	0.55699	1.85573	-0.57481
0.095 - 0.266	0.17392	0.25879	0.10343	0.25557	1.74649	-1.71804
-0.077 - 0.095	0.01641	0.08833	-0.07576	0.02857	1.53402	-2.12003
-0.248 - -0.077	-0.16027	-0.08547	-0.24592	-0.49631	1.40120	-2.12353
-0.419 - -0.248	-0.32042	-0.25049	-0.41720	-0.22784	1.16190	-2.03918
-0.591 - -0.419	-0.49634	-0.42686	-0.58101	-0.29966	2.14157	-2.00400
-0.762 - -0.591	-0.68400	-0.59333	-0.76026	-0.71591	1.15516	-2.12003
-0.933 - -0.762	-0.83222	-0.76265	-0.89977	-0.90518	1.27810	-2.14837
-1.105 - -0.933	-1.01555	-0.98470	-1.06434	-1.94322	-1.71795	-2.12353
-1.276 - -1.105	-1.18125	-1.13057	-1.23401	-1.29968	-0.38093	-1.75125
-1.447 - -1.276	-1.38878	-1.34930	-1.44743	-0.56838	0.64939	-1.31134

Node=DMNeural Summary

Group Index	Group	Frequency Count
1	^(_fold_=1)	349
2	^(_fold_=2)	357
3	^(_fold_=3)	339
4	^(_fold_=4)	346

Group Index	Group	Frequency Count
5	$\wedge(\text{fold_}=5)$	347
6	$\wedge(\text{fold_}=6)$	339
7	$\wedge(\text{fold_}=7)$	335
8	$\wedge(\text{fold_}=8)$	339

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp2
 Node label = End Groups
 Meta path = Ids => Trans => Grp2 => DMNeural2 => EndGrp2
 Notes =

Node=End Groups Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

Node=End Groups Variable Summary

Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSASTot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

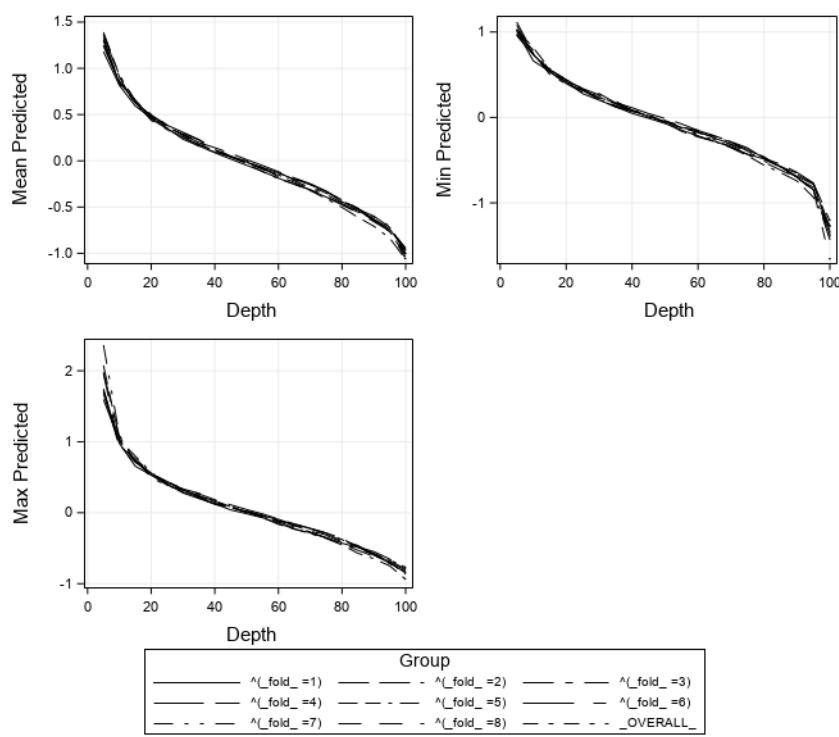
Group Index	Group	ModelId	Train:	Train:	Train:	Train:	Train:	Train:	Train:
			Target Variable	Average Squared Error	Divisor ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Sum of Squared Errors
1	^(fold_=1)	DMNeural2	BC_RQ_Total	0.68295	346	2.01348	346	0.82641	236.299
2	^(fold_=2)	DMNeural2	BC_RQ_Total	0.67610	361	2.31776	361	0.82225	244.073
3	^(fold_=3)	DMNeural2	BC_RQ_Total	0.63650	351	2.16580	351	0.79781	223.412
4	^(fold_=4)	DMNeural2	BC_RQ_Total	0.67783	342	2.42743	342	0.82331	231.818
5	^(fold_=5)	DMNeural2	BC_RQ_Total	0.64599	336	2.14605	336	0.80373	217.052
6	^(fold_=6)	DMNeural2	BC_RQ_Total	0.68690	355	2.22362	355	0.82879	243.850
7	^(fold_=7)	DMNeural2	BC_RQ_Total	0.63345	349	2.46042	349	0.79589	221.073
8	^(fold_=8)	DMNeural2	BC_RQ_Total	0.65917	342	2.15753	342	0.81189	225.435
9	_OVERALL_		BC_RQ_Total	0.69687	393	2.60510	393	0.83479	273.870

Train: Total Degrees of Freedom	Train: Degrees of Freedom for Error	Train: Squared Error	Train: Mean	Train: Root Mean	Train: Number of Weights	Train: Final Prediction Error	Train: Root Final Prediction Error	Train: Akaike's Information Criterion	Train: Schwarz's Bayesian Criterion	Train: Target Label
346	307	0.76970	0.87733	39	0.85646	0.92545	-53.9436	96.0675	ReQuest (total score) (Box-Cox transformed)	
361	322	0.75799	0.87063	39	0.83988	0.91645	-63.2989	88.3673	ReQuest (total score) (Box-Cox transformed)	
351	312	0.71606	0.84621	39	0.79563	0.89198	-80.5712	69.9995	ReQuest (total score) (Box-Cox transformed)	
342	303	0.76508	0.87469	39	0.85232	0.92321	-54.9889	94.5687	ReQuest (total score) (Box-Cox transformed)	
336	297	0.73082	0.85488	39	0.81564	0.90313	-68.8228	80.0446	ReQuest (total score) (Box-Cox transformed)	
355	316	0.77168	0.87845	39	0.85645	0.92545	-55.3259	95.6867	ReQuest (total score) (Box-Cox transformed)	
349	310	0.71314	0.84448	39	0.79283	0.89041	-81.3463	69.0015	ReQuest (total score) (Box-Cox transformed)	
342	303	0.74401	0.86256	39	0.82885	0.91041	-64.5390	85.0186	ReQuest (total score) (Box-Cox transformed)	
										ReQuest (total score) (Box-Cox transformed)

SAS Enterprise Miner Report

Node=End Groups

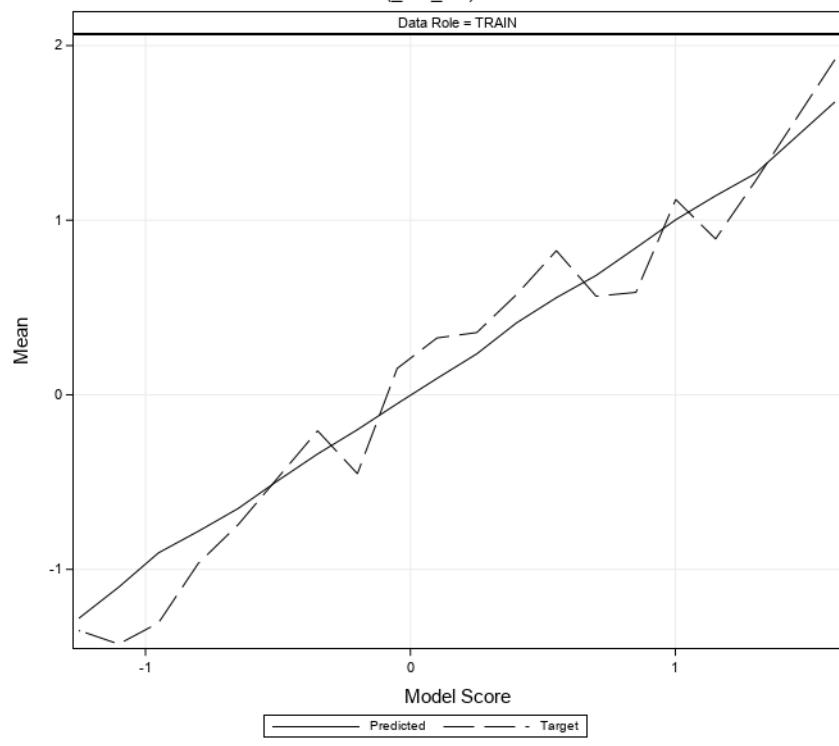
Multiple Model Assessment Scores where DataRole=TRAIN
TARGET='BC_RQ_Total'



SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
 $^{\wedge}(\text{fold_}=1)$





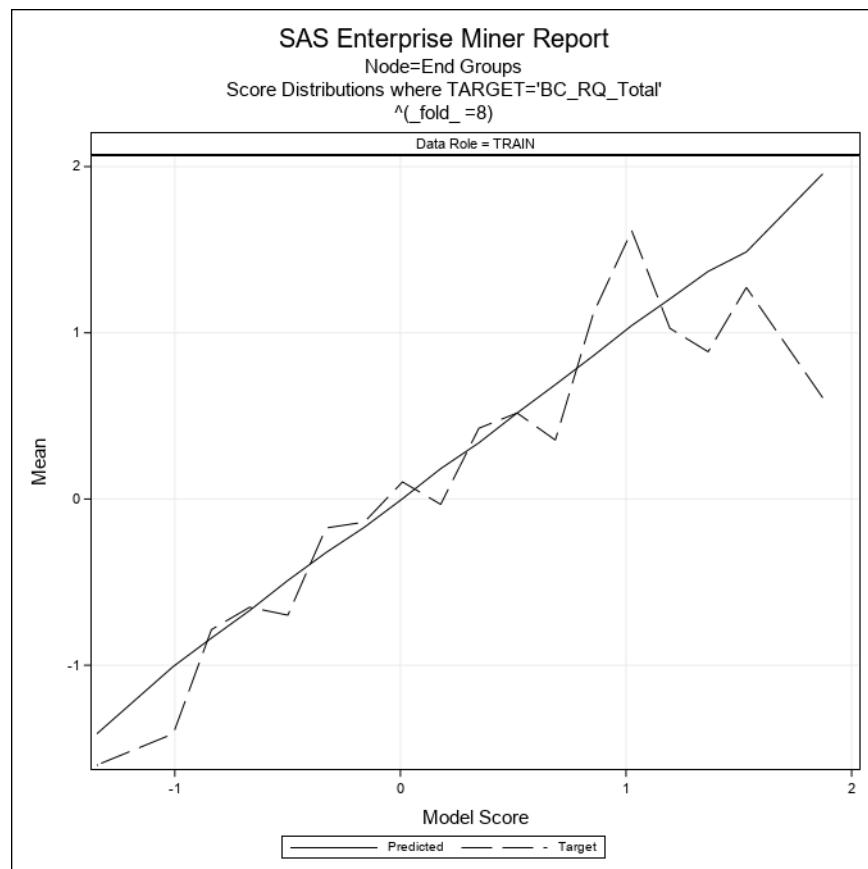




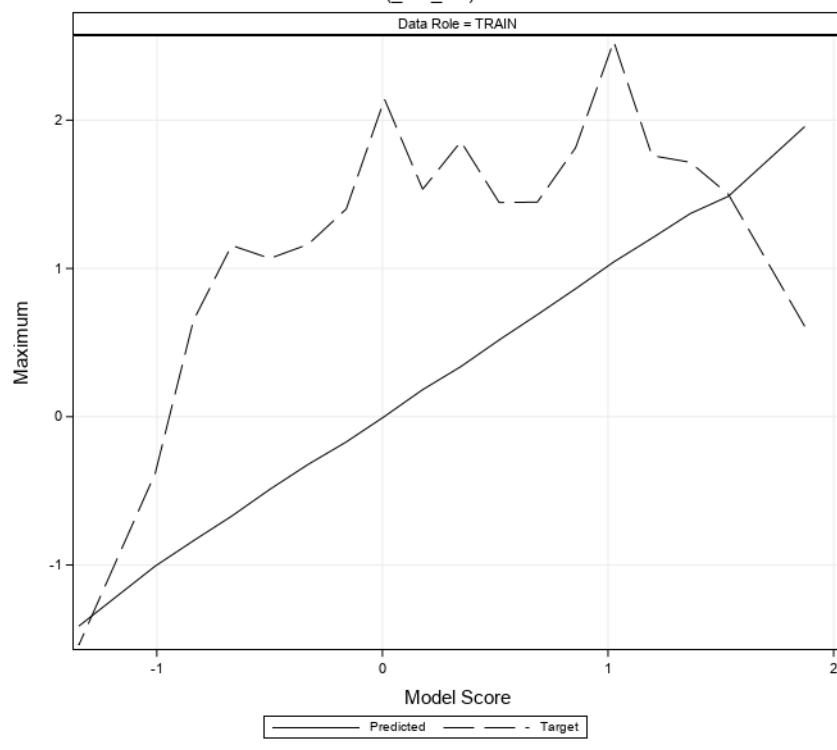




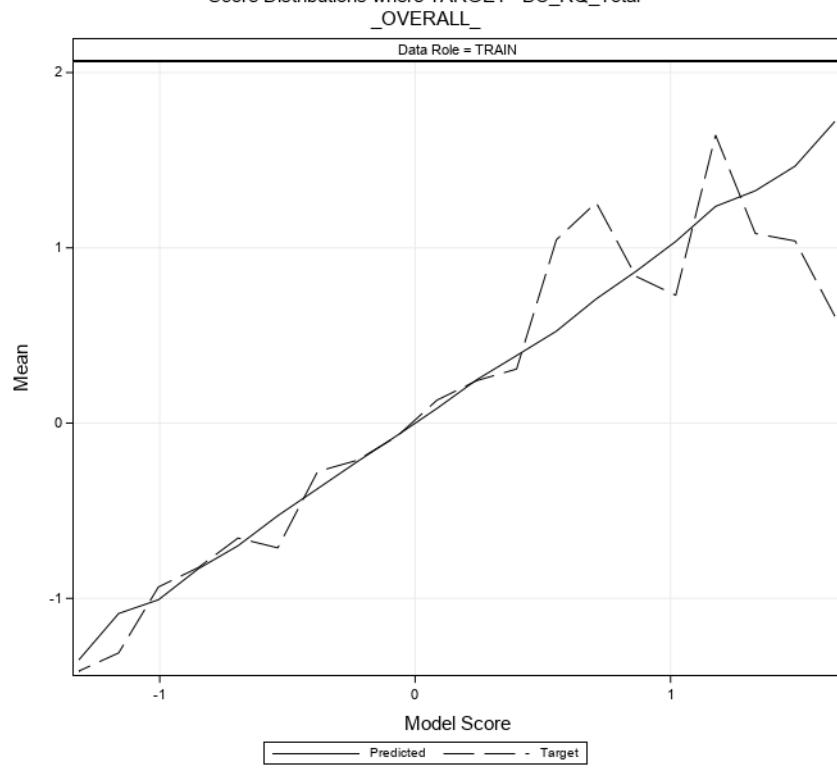




SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=8)



SAS Enterprise Miner Report
Node=End Groups
Score Distributions where TARGET='BC_RQ_Total'
OVERALL





Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.527 - 1.677	1.67740	1.67740	1.67740	1.91976	1.91976	1.91976
1.227 - 1.377	1.26693	1.30226	1.23148	1.22390	1.76112	-0.07723
1.077 - 1.227	1.13970	1.19419	1.11513	0.89253	2.53080	-0.07650
0.926 - 1.077	1.00260	1.05145	0.93377	1.11846	1.74649	0.07866
0.776 - 0.926	0.84177	0.89569	0.78203	0.58666	1.22217	-0.09493
0.626 - 0.776	0.68381	0.77450	0.63094	0.56437	1.81338	-1.33329
0.476 - 0.626	0.55621	0.61675	0.48620	0.82535	1.85573	-0.87824
0.326 - 0.476	0.41202	0.47223	0.33676	0.57429	1.93737	-0.64573
0.175 - 0.326	0.23443	0.32334	0.17996	0.35647	1.53402	-1.18976
0.025 - 0.175	0.09361	0.16718	0.02590	0.32544	2.14157	-1.71804
-0.125 - 0.025	-0.05105	0.02020	-0.12454	0.15111	1.18876	-1.45147
-0.275 - -0.125	-0.19987	-0.12633	-0.27309	-0.45200	1.20060	-2.14837
-0.425 - -0.275	-0.33896	-0.27703	-0.42011	-0.20616	1.06762	-2.12353
-0.576 - -0.425	-0.49201	-0.42672	-0.56747	-0.47548	1.06828	-1.93471
-0.726 - -0.576	-0.65164	-0.57641	-0.72191	-0.74492	0.87701	-2.12003
-0.876 - -0.726	-0.78195	-0.72758	-0.87041	-0.96625	1.15516	-2.12003
-1.026 - -0.876	-0.90554	-0.88864	-0.94119	-1.30686	-0.98615	-1.66047
-1.176 - -1.026	-1.10216	-1.05845	-1.17037	-1.42786	-0.66623	-2.12353
-1.327 - -1.176	-1.28034	-1.23401	-1.32667	-1.34958	-1.04319	-1.65597

Node=End Groups Score Distributions

Group=^(fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.817 - 1.980	1.90814	1.97962	1.83666	1.70986	1.91976	1.49995
1.654 - 1.817	1.73799	1.76571	1.71026	0.64045	1.35740	-0.07650
1.492 - 1.654	1.59577	1.64722	1.54432	1.61320	1.71506	1.51134
1.329 - 1.492	1.34796	1.34796	1.34796	0.60913	0.60913	0.60913
1.166 - 1.329	1.23035	1.27410	1.17387	1.00769	1.76112	-0.07723
1.003 - 1.166	1.06800	1.12158	1.00636	0.97825	1.93737	-0.09493
0.841 - 1.003	0.92321	0.98447	0.87161	0.52491	1.24519	-1.33329
0.678 - 0.841	0.76919	0.82376	0.69021	1.47072	2.53080	0.63880
0.515 - 0.678	0.58184	0.67033	0.53234	0.76783	1.54488	-0.87824
0.353 - 0.515	0.43253	0.51235	0.36711	0.64215	1.42447	-0.71719
0.190 - 0.353	0.27981	0.35016	0.19500	0.54667	1.74649	-1.37563
0.027 - 0.190	0.09757	0.18082	0.02926	-0.05041	1.54226	-1.71804
-0.136 - 0.027	-0.05535	0.02596	-0.13365	-0.08999	1.39377	-1.93471
-0.298 - -0.136	-0.21361	-0.13780	-0.29516	-0.20980	1.20060	-2.12003
-0.461 - -0.298	-0.38567	-0.29875	-0.46067	-0.26797	1.16190	-2.03918
-0.624 - -0.461	-0.53060	-0.47220	-0.61913	-0.69416	0.98831	-2.12003
-0.786 - -0.624	-0.70283	-0.63501	-0.77352	-0.78623	1.15516	-2.14837
-0.949 - -0.786	-0.85648	-0.79449	-0.93159	-0.88146	0.68168	-2.11306
-1.112 - -0.949	-0.96710	-0.96710	-0.96710	-1.98818	-1.98818	-1.98818
-1.275 - -1.112	-1.22028	-1.17137	-1.27453	-1.44030	-0.80863	-1.75125

Node=End Groups Score Distributions

Group=^(fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.447 - 1.596	1.56245	1.59565	1.50985	1.41465	1.91976	0.60913
1.299 - 1.447	1.39248	1.41911	1.36354	0.56258	0.82445	0.33679
1.151 - 1.299	1.20445	1.24632	1.16258	1.62891	1.74649	1.51134
1.003 - 1.151	1.10220	1.14502	1.00722	0.66573	1.76112	-0.43311
0.854 - 1.003	0.94627	0.97948	0.89724	0.85313	1.65154	0.07866
0.706 - 0.854	0.76970	0.85100	0.70692	1.01541	2.53080	-1.33329
0.558 - 0.706	0.64371	0.69996	0.59159	1.12364	1.85573	-0.23328
0.410 - 0.558	0.47448	0.54752	0.41141	0.44457	1.27892	-0.71719
0.261 - 0.410	0.32649	0.40685	0.26143	0.50459	1.69572	-1.39504
0.113 - 0.261	0.18933	0.25732	0.11850	0.45291	2.14157	-1.71804
-0.035 - 0.113	0.04172	0.11300	-0.03098	0.04246	1.54226	-1.24826
-0.183 - -0.035	-0.11290	-0.03668	-0.18217	-0.26231	1.40120	-2.12353
-0.332 - -0.183	-0.25240	-0.18403	-0.33104	-0.24464	1.16606	-1.71630
-0.480 - -0.332	-0.40596	-0.33664	-0.47779	-0.62000	1.06762	-2.12003
-0.628 - -0.480	-0.54295	-0.48048	-0.62255	-0.39443	0.98831	-1.70934
-0.777 - -0.628	-0.69472	-0.62830	-0.76420	-0.72195	1.15516	-2.03918
-0.925 - -0.777	-0.84463	-0.78136	-0.92392	-0.78530	0.64939	-2.14837
-1.073 - -0.925	-0.97513	-0.93976	-1.01690	-1.35124	0.38121	-2.12353
-1.221 - -1.073	-1.12464	-1.09840	-1.15089	-1.60066	-1.54033	-1.66099
-1.370 - -1.221	-1.35327	-1.33693	-1.36960	-1.36916	-1.04319	-1.69512

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.599 - 1.747	1.68900	1.74653	1.63146	1.53623	1.71506	1.35740
1.451 - 1.599	1.51030	1.55722	1.47707	1.27893	1.91976	-0.07650
1.303 - 1.451	1.40347	1.40939	1.39553	0.97784	1.49995	0.60913
1.155 - 1.303	1.22360	1.26119	1.16540	1.03272	1.71614	0.33679
1.007 - 1.155	1.09300	1.13763	1.01507	0.94992	1.62835	0.58260
0.860 - 1.007	0.93006	1.00539	0.86483	0.62601	1.81338	-1.33329
0.712 - 0.860	0.77294	0.84705	0.71248	1.40230	2.53080	0.29246
0.564 - 0.712	0.63061	0.70402	0.58499	0.93045	1.74649	-0.43311
0.416 - 0.564	0.48613	0.56186	0.43082	0.81468	1.69572	-0.71719
0.268 - 0.416	0.32959	0.39798	0.27298	0.43272	1.54226	-0.87824
0.121 - 0.268	0.18433	0.26026	0.13339	0.05589	1.53402	-1.71804
-0.027 - 0.121	0.04897	0.11747	-0.02680	-0.01248	1.27810	-1.44120
-0.175 - -0.027	-0.10105	-0.03915	-0.17069	-0.18657	1.39377	-1.98839
-0.323 - -0.175	-0.24540	-0.17959	-0.32247	-0.37627	2.14157	-2.12353
-0.471 - -0.323	-0.38997	-0.32419	-0.46192	-0.37739	1.06762	-2.12003
-0.618 - -0.471	-0.54879	-0.47761	-0.61771	-0.58864	1.15516	-2.12003
-0.766 - -0.618	-0.70279	-0.62287	-0.76248	-0.71349	0.64939	-2.14837
-0.914 - -0.766	-0.81912	-0.76704	-0.89912	-0.47347	0.55336	-1.66999
-1.062 - -0.914	-1.00378	-0.91673	-1.04858	-1.46683	-0.98842	-1.71795
-1.210 - -1.062	-1.11048	-1.06665	-1.20969	-1.39330	-0.38093	-2.12353

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.908 - 2.076	2.07611	2.07611	2.07611	1.71506	1.71506	1.71506
1.741 - 1.908	1.80599	1.80599	1.80599	1.35740	1.35740	1.35740
1.573 - 1.741	1.64208	1.69173	1.57781	0.75948	1.71614	-0.07650
1.405 - 1.573	1.42837	1.44034	1.41640	1.22640	1.62835	0.82445
1.237 - 1.405	1.31768	1.40446	1.25681	0.62735	1.51134	0.07866
1.069 - 1.237	1.18491	1.21312	1.15603	1.07628	1.49995	0.68366
0.902 - 1.069	0.98134	1.06085	0.91709	1.09555	1.93737	-0.09493
0.734 - 0.902	0.82277	0.87723	0.76431	1.13360	2.53080	0.25818
0.566 - 0.734	0.61739	0.71675	0.56795	0.84726	1.67589	-1.33329
0.398 - 0.566	0.46843	0.54659	0.39959	0.54096	1.85573	-1.44120
0.230 - 0.398	0.31938	0.39398	0.23414	0.19302	1.19704	-0.87824
0.063 - 0.230	0.13265	0.21026	0.06290	0.19037	1.69572	-1.71804
-0.105 - 0.063	-0.01804	0.04680	-0.09306	0.11419	2.14157	-1.37563
-0.273 - -0.105	-0.19594	-0.10870	-0.26271	-0.23871	1.39377	-2.12353
-0.441 - -0.273	-0.35421	-0.27771	-0.43702	-0.28316	1.20060	-1.71630
-0.609 - -0.441	-0.52444	-0.44326	-0.60855	-0.58430	1.13984	-2.12003
-0.776 - -0.609	-0.69135	-0.60914	-0.76371	-0.61438	0.98831	-1.91626
-0.944 - -0.776	-0.87523	-0.78373	-0.93945	-0.92783	1.15516	-2.03918
-1.112 - -0.944	-0.99998	-0.95199	-1.07734	-1.37582	0.09291	-2.14837
-1.280 - -1.112	-1.22426	-1.17185	-1.27987	-1.31268	-0.80863	-1.66047

Node=End Groups Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.545 - 1.714	1.67190	1.71386	1.62197	0.52044	1.71506	-0.07723
1.376 - 1.545	1.43312	1.45404	1.41328	1.22727	1.49995	0.82445
1.207 - 1.376	1.34041	1.37444	1.29502	1.21673	1.91976	0.33679
1.039 - 1.207	1.14912	1.20330	1.09180	0.92879	1.71614	-0.09493
0.870 - 1.039	0.91249	1.00587	0.87168	0.56988	1.65154	-1.33329
0.701 - 0.870	0.78661	0.84203	0.71187	1.19649	2.53080	0.41807
0.532 - 0.701	0.62035	0.68509	0.54178	1.13370	1.93737	-0.71719
0.363 - 0.532	0.43431	0.52917	0.36733	0.55014	1.67589	-1.18976
0.194 - 0.363	0.28456	0.35930	0.19783	0.18342	1.42447	-1.37563
0.026 - 0.194	0.10054	0.17023	0.03155	0.40312	2.14157	-1.71804
-0.143 - 0.026	-0.05493	0.02372	-0.13780	-0.16227	1.53402	-2.03918
-0.312 - -0.143	-0.22773	-0.14387	-0.31121	-0.16143	1.20060	-2.12003
-0.481 - -0.312	-0.39758	-0.31416	-0.47678	-0.40001	1.13984	-2.12353
-0.650 - -0.481	-0.56347	-0.48150	-0.64660	-0.77752	1.15516	-2.12003
-0.818 - -0.650	-0.72300	-0.65716	-0.79441	-0.69291	0.90261	-2.14837
-0.987 - -0.818	-0.90352	-0.82862	-0.98649	-1.37092	-0.03051	-2.11306
-1.156 - -0.987	-1.05544	-1.03328	-1.06871	-1.01184	-0.38093	-1.98818
-1.325 - -1.156	-1.26692	-1.26692	-1.26692	-2.12353	-2.12353	-2.12353
-1.494 - -1.325	-1.37338	-1.34099	-1.40577	-1.29176	-1.04319	-1.54033
-1.663 - -1.494	-1.66255	-1.66255	-1.66255	-1.66099	-1.66099	-1.66099

Node=End Groups Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.177 - 2.363	2.36292	2.36292	2.36292	1.35740	1.35740	1.35740
1.620 - 1.806	1.74146	1.78232	1.70061	1.81795	1.91976	1.71614
1.435 - 1.620	1.51727	1.52597	1.50857	0.82719	1.04524	0.60913
1.249 - 1.435	1.33584	1.41610	1.25205	1.49389	2.53080	0.58260
1.064 - 1.249	1.12701	1.18494	1.08958	0.74486	1.76112	-1.33329
0.878 - 1.064	0.98493	1.03965	0.88222	1.09659	1.93737	-0.09493
0.692 - 0.878	0.76937	0.85198	0.69392	1.22327	1.81338	0.48813
0.507 - 0.692	0.59738	0.68883	0.51112	0.76476	1.69572	-0.39592
0.321 - 0.507	0.41671	0.50499	0.32415	0.49334	1.44435	-0.71719
0.136 - 0.321	0.22069	0.30965	0.13656	0.20478	2.14157	-1.44120
-0.050 - 0.136	0.03459	0.12538	-0.04750	0.23023	1.54226	-1.68223
-0.236 - -0.050	-0.15484	-0.05381	-0.23316	-0.42155	1.33127	-2.12353
-0.421 - -0.236	-0.32194	-0.23949	-0.40935	-0.16242	1.53402	-1.98839
-0.607 - -0.421	-0.52224	-0.42140	-0.60533	-0.67318	0.93883	-2.14837
-0.792 - -0.607	-0.68381	-0.60978	-0.77595	-0.66311	0.64939	-2.12003
-0.978 - -0.792	-0.86003	-0.79411	-0.96499	-0.96368	1.15516	-1.75125
-1.164 - -0.978	-1.04977	-0.99449	-1.13971	-1.23713	-0.38093	-1.66999
-1.349 - -1.164	-1.25434	-1.18516	-1.34930	-1.45158	-1.04319	-2.11306

Node=End Groups Score Distributions

Group=^(fold_=8) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.787 - 1.957	1.95660	1.95660	1.95660	0.60913	0.60913	0.60913
1.449 - 1.618	1.48660	1.48851	1.48468	1.27259	1.49995	1.04524
1.279 - 1.449	1.36942	1.40913	1.30958	0.88585	1.71614	-0.07650
1.110 - 1.279	1.20408	1.23527	1.17288	1.02679	1.76112	0.29246
0.941 - 1.110	1.04377	1.10197	0.97878	1.61381	2.53080	1.12232
0.771 - 0.941	0.86266	0.93378	0.79094	1.11986	1.81338	0.07866
0.602 - 0.771	0.68811	0.76385	0.60222	0.35461	1.44711	-1.33329
0.432 - 0.602	0.51747	0.59339	0.43994	0.51762	1.44516	-0.87824
0.263 - 0.432	0.33820	0.42959	0.26429	0.42595	1.85573	-0.85695
0.094 - 0.263	0.18261	0.25735	0.10025	-0.03222	1.53402	-1.71804
-0.076 - 0.094	0.00179	0.08995	-0.07250	0.10294	2.14157	-2.12003
-0.245 - -0.076	-0.17015	-0.08788	-0.24084	-0.13893	1.40120	-2.03918
-0.414 - -0.245	-0.32196	-0.24819	-0.41268	-0.17403	1.16190	-2.00400
-0.584 - -0.414	-0.48974	-0.41720	-0.56313	-0.69874	1.06762	-2.12353
-0.753 - -0.584	-0.67067	-0.58928	-0.75141	-0.65091	1.15516	-2.12353
-0.922 - -0.753	-0.83641	-0.76265	-0.90229	-0.78566	0.64939	-2.14837
-1.092 - -0.922	-1.00755	-0.93273	-1.08642	-1.41222	-0.38093	-2.11306
-1.430 - -1.261	-1.41247	-1.39460	-1.43033	-1.60066	-1.54033	-1.66099

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.566 - 1.721	1.72145	1.72145	1.72145	0.60913	0.60913	0.60913
1.410 - 1.566	1.46645	1.49719	1.41610	1.03913	1.71506	-0.07723
1.254 - 1.410	1.32579	1.40469	1.25681	1.08179	1.76112	0.33679
1.098 - 1.254	1.23658	1.25240	1.21312	1.64354	2.53080	0.68366
0.942 - 1.098	1.03663	1.06560	1.00545	0.72936	1.93737	-0.09493
0.787 - 0.942	0.86606	0.92041	0.80300	0.83730	1.48934	-1.33329
0.631 - 0.787	0.70858	0.75140	0.63188	1.25836	1.85573	-0.07650
0.475 - 0.631	0.52475	0.56447	0.47996	1.04606	1.91976	-0.39592
0.319 - 0.475	0.38533	0.46521	0.32037	0.30853	1.42447	-0.87824
0.163 - 0.319	0.24765	0.31922	0.16381	0.24244	1.69572	-1.37563
0.008 - 0.163	0.08386	0.15843	0.00975	0.13108	1.54226	-1.71804
-0.148 - 0.008	-0.07007	0.00490	-0.14798	-0.07453	1.40120	-1.79468
-0.304 - -0.148	-0.21952	-0.14872	-0.30007	-0.21175	2.14157	-1.98839
-0.460 - -0.304	-0.37408	-0.30658	-0.45326	-0.27619	1.16190	-2.12353
-0.616 - -0.460	-0.52810	-0.46017	-0.61292	-0.71189	1.06828	-1.98818
-0.771 - -0.616	-0.69976	-0.61734	-0.76420	-0.65585	1.15516	-2.14837
-0.927 - -0.771	-0.83145	-0.77354	-0.92392	-0.82448	0.64939	-1.90123
-1.083 - -0.927	-1.00814	-0.94598	-1.07734	-0.93498	-0.03051	-2.12353
-1.239 - -1.083	-1.08642	-1.08642	-1.08642	-1.31134	-1.31134	-1.31134
-1.395 - -1.239	-1.35105	-1.28895	-1.39460	-1.41484	-1.04319	-1.66099

Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(<u>fold_</u> =1)	349
2	^(<u>fold_</u> =2)	357
3	^(<u>fold_</u> =3)	339
4	^(<u>fold_</u> =4)	346

Group Index	Group	Frequency Count
5	$\wedge(\text{fold_}=5)$	347
6	$\wedge(\text{fold_}=6)$	339
7	$\wedge(\text{fold_}=7)$	335
8	$\wedge(\text{fold_}=8)$	339

SAS Enterprise Miner Report

Node=HP Regression LASSO Summary

Node id = HPReg4
 Node label = HP Regression LASSO
 Meta path = Ids => Trans => Grp6 => HPReg4
 Notes =

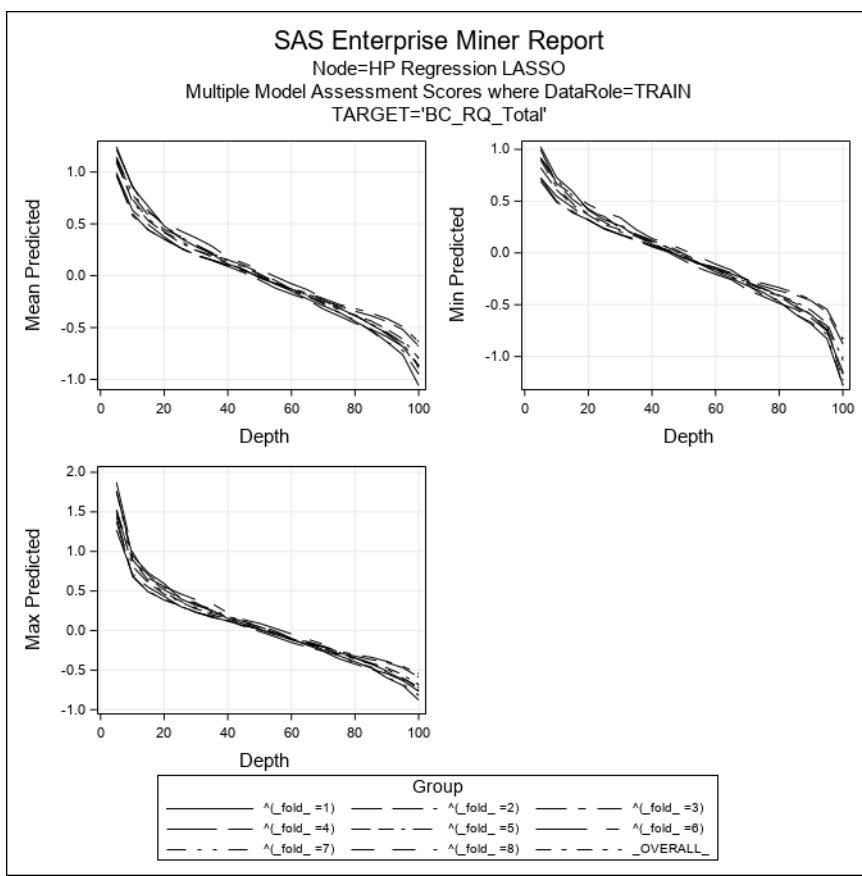
Node=HP Regression LASSO Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	HPDMReg		MAXFUNC	.		Polynomial	N	
ABSCONV	.		MAXITER	.		PolynomialDegree	2	
ABSFCONV	.		MAXTIME	.		SLEntry	0.1	0.05
ABSGCONV	.		MINITER	.		SLStay	0.2	0.05
EXCLUDEDVARIABLE	REJECT		MISSASLVL	N		SelectCriterion	ADJRSQ	DEFAULT
Error	NORMAL	LOGISTIC	MainEffect	Y		SelectMethod	LASSO	NONE
FCONV	.		MaxEffects	0		SelectUseDefault	Y	
GCONV	.		MaxSteps	0		StopCriterion	ADJRSQ	DEFAULT
Hierarchy	NONE		MinEffects	0		SuppressIntercept	N	
Host	Local		NCPU	Actual		SuppressOutput	N	
Interactions			NNode	0		TECH	NRRIDG	
LinkFunction	LOGIT		NORMALIZE	Y		Term	Y	
LogDetails	N		NThreads	Default		Timeout	120	

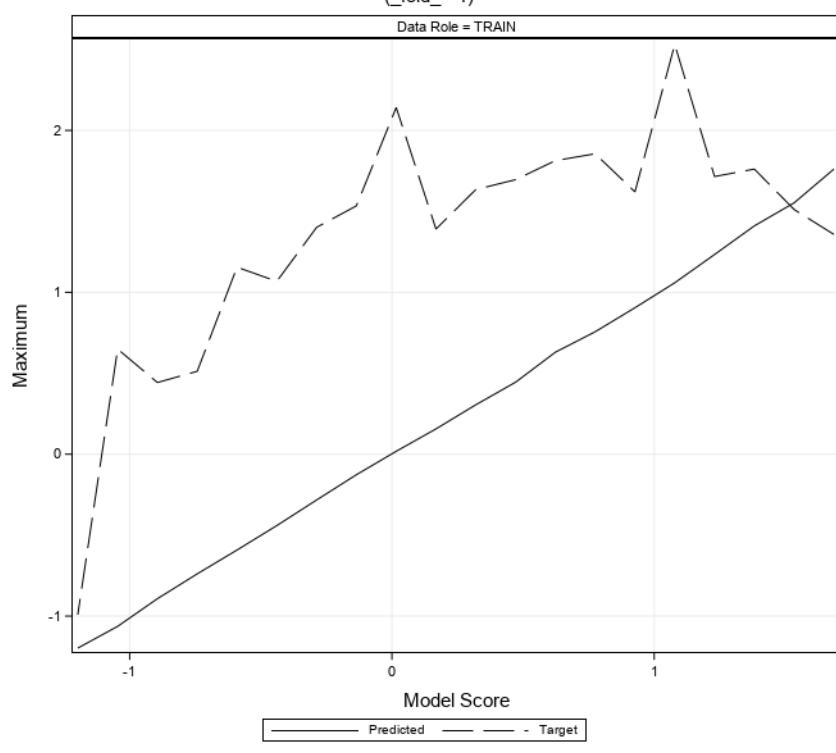
Node=HP Regression LASSO Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	22	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

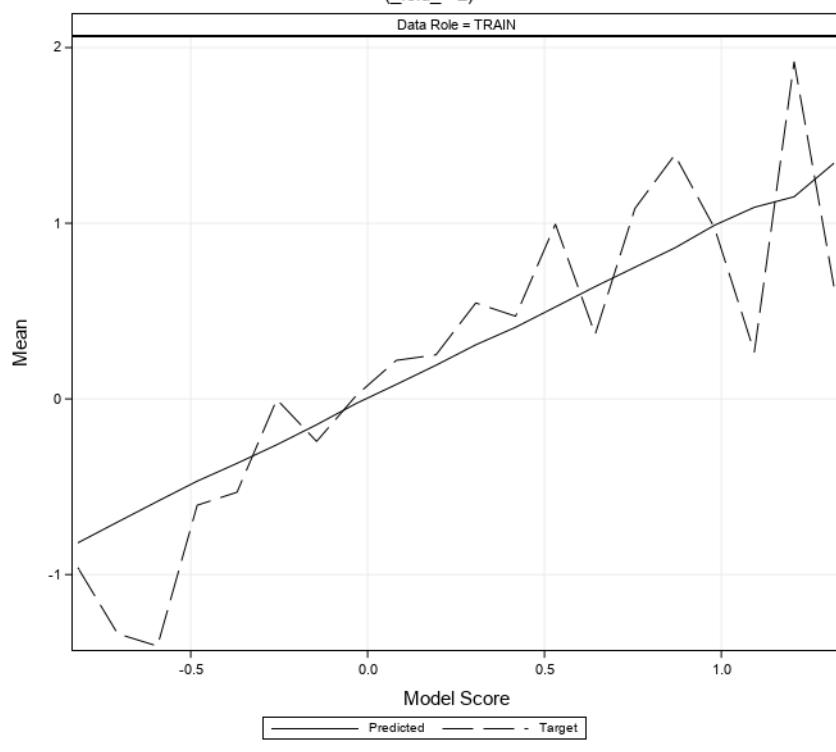
Group Index	Group	Train: Target Variable	Train:	Train:	Train:	Train:	Train:	Train:	Target Label
			Average Squared Error	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Sum of Squared Errors	
1	^(fold_=1)	BC_RQ_Total	0.65490	333	2.23043	333	0.80926	218.083	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Total	0.75142	339	2.28618	339	0.86684	254.730	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Total	0.74748	344	2.14691	344	0.86457	257.133	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Total	0.71153	337	2.36462	337	0.84352	239.786	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Total	0.70559	342	2.23893	342	0.83999	241.311	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Total	0.67757	333	2.42770	333	0.82315	225.631	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Total	0.65935	345	2.36654	345	0.81201	227.477	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Total	0.69360	344	2.39214	344	0.83283	238.599	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Total	0.72609	393	2.42770	393	0.85211	285.353	ReQuest (total score) (Box-Cox transformed)



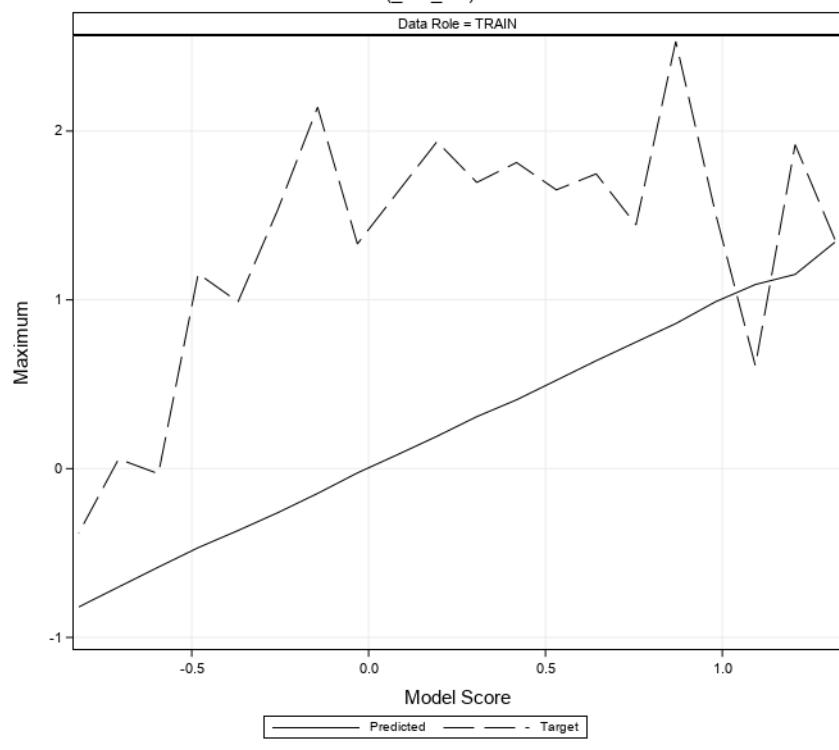
SAS Enterprise Miner Report
 Node=HP Regression LASSO
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}1)$



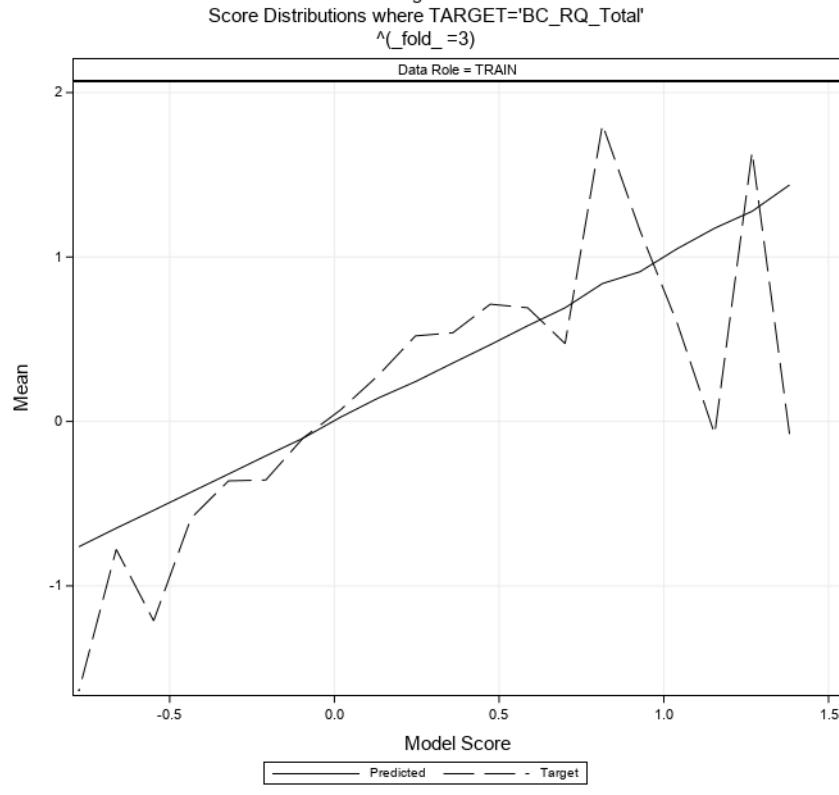
SAS Enterprise Miner Report
 Node=HP Regression LASSO
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}2)$

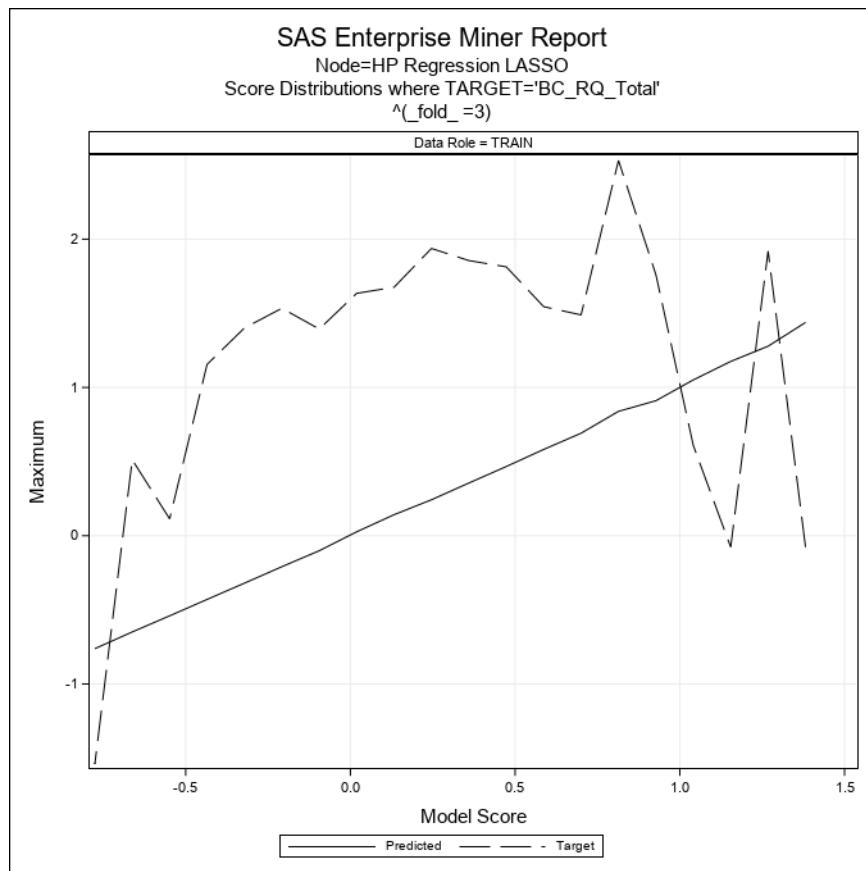


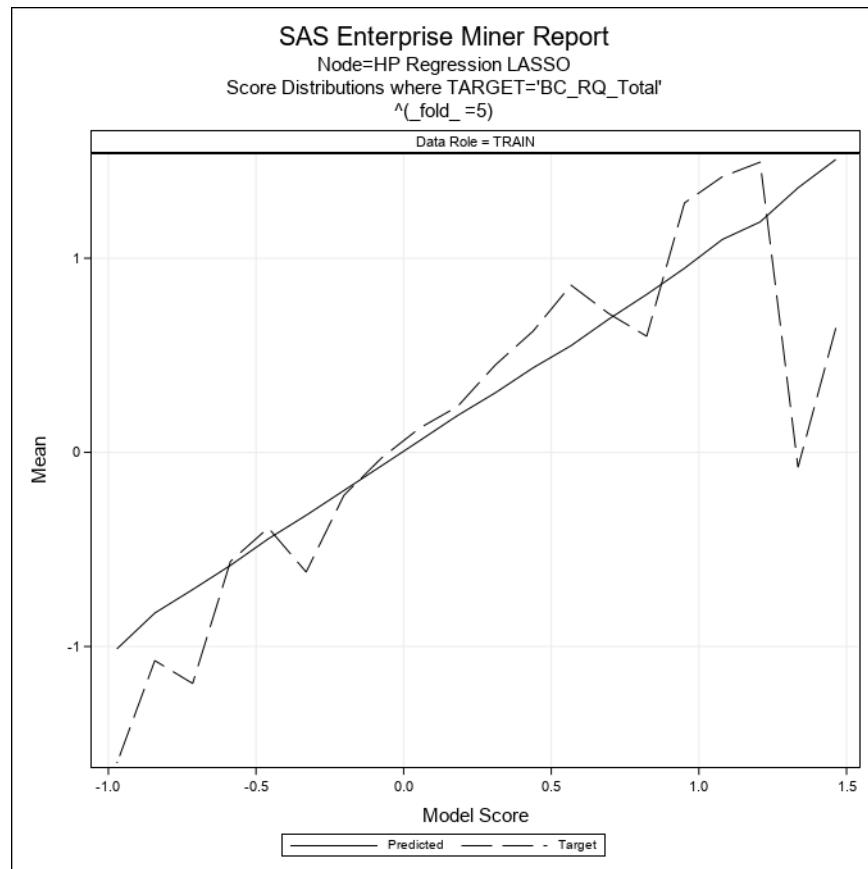
SAS Enterprise Miner Report
Node=HP Regression LASSO
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)



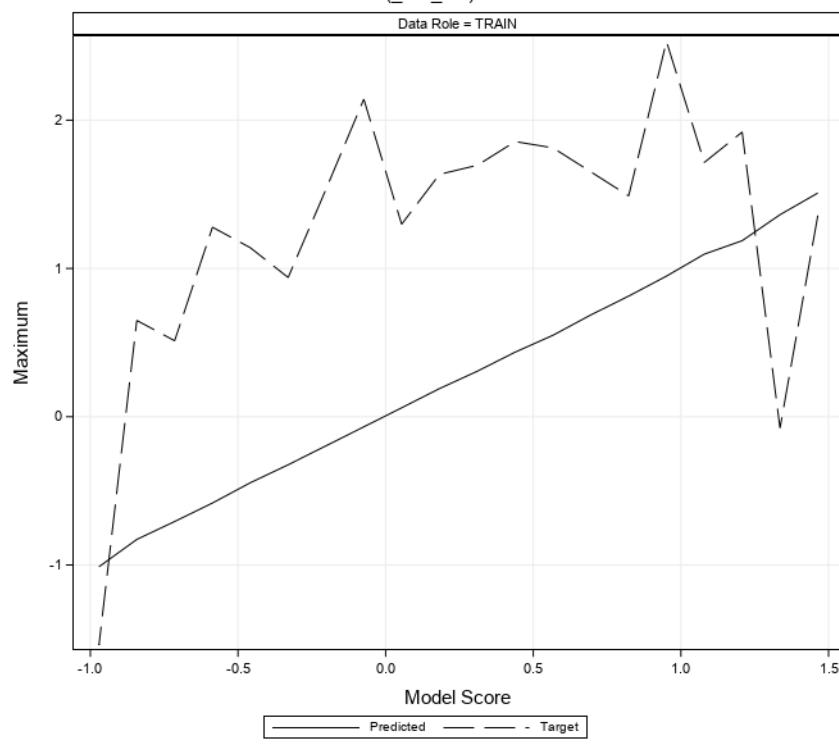
SAS Enterprise Miner Report
Node=HP Regression LASSO
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)



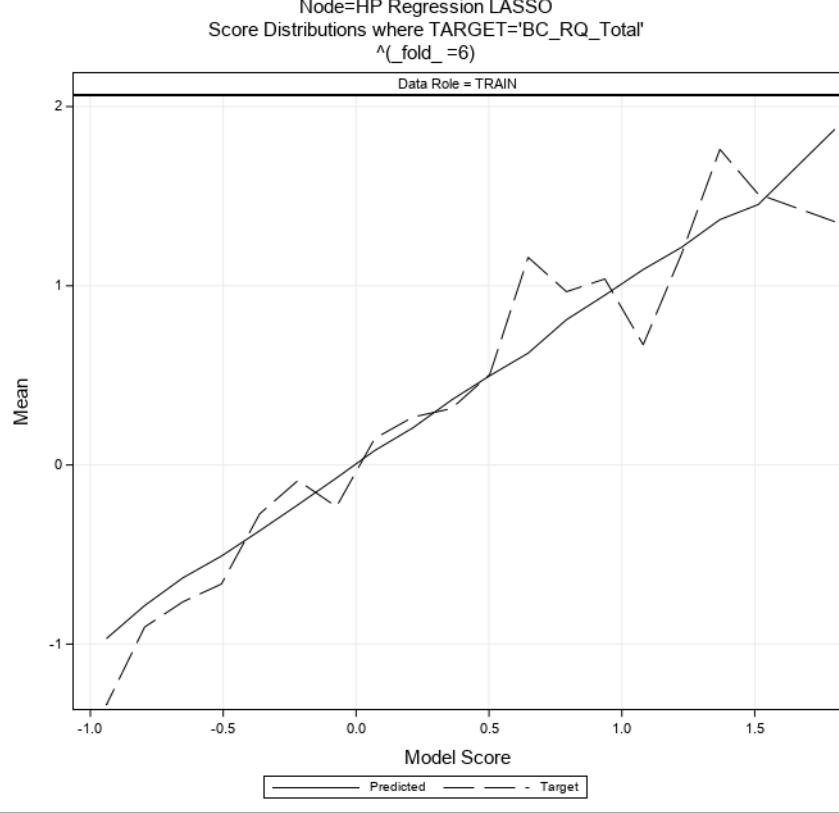




SAS Enterprise Miner Report
 Node=HP Regression LASSO
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}5)$

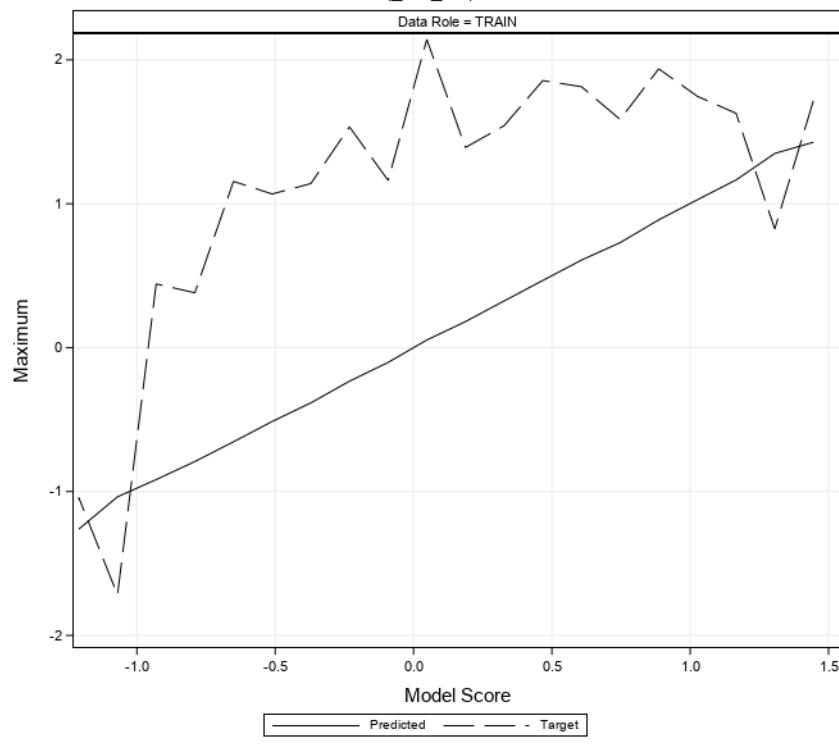


SAS Enterprise Miner Report
 Node=HP Regression LASSO
 Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}6)$

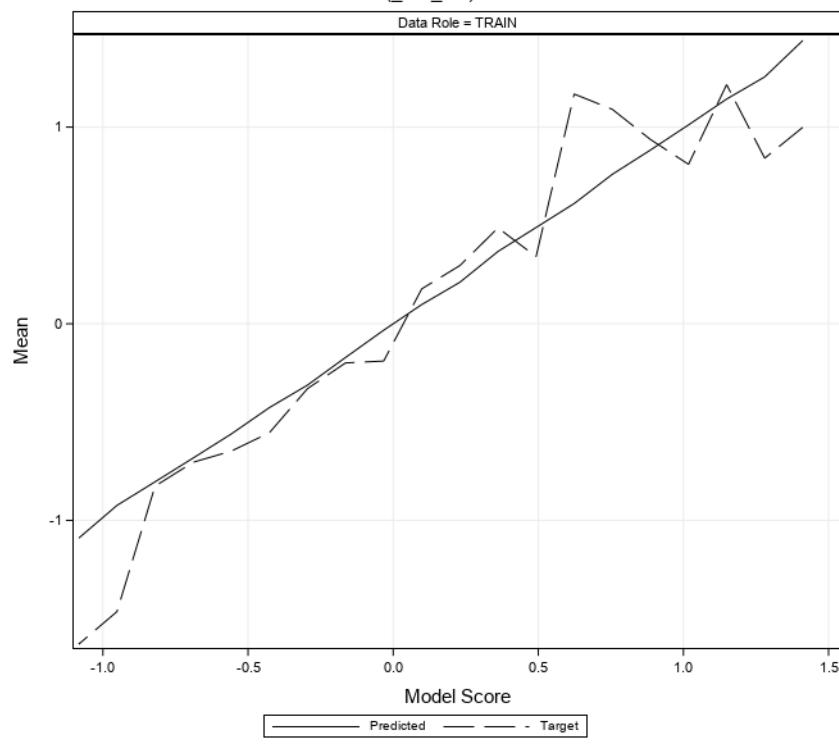


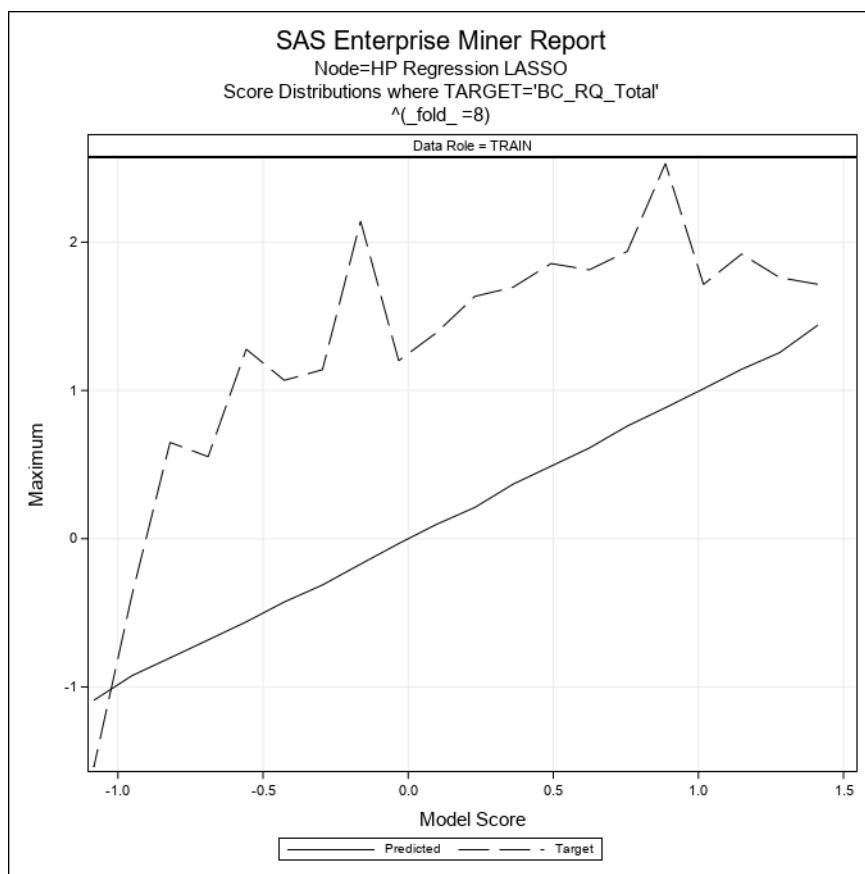


SAS Enterprise Miner Report
Node=HP Regression LASSO
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)



SAS Enterprise Miner Report
Node=HP Regression LASSO
Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=8)







Node=HP Regression LASSO

Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.609 - 1.761	1.76123	1.76123	1.76123	1.35740	1.35740	1.35740
1.458 - 1.609	1.55264	1.55264	1.55264	1.51134	1.51134	1.51134
1.306 - 1.458	1.41031	1.44723	1.30969	1.05630	1.76112	-0.07650
1.154 - 1.306	1.23349	1.26931	1.19051	0.96893	1.71506	0.58260
1.003 - 1.154	1.05876	1.10682	1.02472	1.07314	2.53080	0.25818
0.851 - 1.003	0.90473	0.94908	0.85349	0.82222	1.62035	-1.33329
0.699 - 0.851	0.75630	0.82302	0.70933	1.12277	1.85573	0.10695
0.547 - 0.699	0.62999	0.69887	0.57170	0.77097	1.81338	-0.08807
0.396 - 0.547	0.44468	0.49313	0.39746	0.49958	1.69572	-1.71804
0.244 - 0.396	0.30509	0.38948	0.24568	0.31005	1.63467	-1.14437
0.092 - 0.244	0.15637	0.24335	0.09233	0.05511	1.39090	-1.45147
-0.060 - 0.092	0.01790	0.09046	-0.05766	0.10716	2.14157	-1.24826
-0.211 - -0.060	-0.12686	-0.06227	-0.20355	-0.04469	1.53402	-1.60749
-0.363 - -0.211	-0.28280	-0.21423	-0.36058	-0.33398	1.40120	-2.12003
-0.515 - -0.363	-0.44084	-0.36515	-0.51370	-0.49760	1.06762	-2.03918
-0.666 - -0.515	-0.59191	-0.51747	-0.64888	-0.52701	1.15516	-1.91626
-0.818 - -0.666	-0.73906	-0.66803	-0.81672	-0.85268	0.51216	-2.14837
-0.970 - -0.818	-0.89248	-0.82755	-0.94343	-1.28590	0.44271	-1.98818
-1.122 - -0.970	-1.06337	-1.01830	-1.10002	-1.03886	0.64939	-2.11306
-1.273 - -1.122	-1.19756	-1.14065	-1.27339	-1.42387	-0.98842	-2.12353

Node=HP Regression LASSO

Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.262 - 1.375	1.34163	1.37462	1.30864	0.64045	1.35740	-0.07650
1.150 - 1.262	1.15083	1.15083	1.15083	1.91976	1.91976	1.91976
1.037 - 1.150	1.09078	1.13149	1.05006	0.26595	0.60913	-0.07723
0.925 - 1.037	0.98869	1.03086	0.93847	0.97279	1.51134	0.58260
0.812 - 0.925	0.85932	0.90450	0.82200	1.38905	2.53080	0.25818
0.700 - 0.812	0.74976	0.79898	0.72118	1.08442	1.44435	0.63880
0.587 - 0.700	0.63930	0.69228	0.59457	0.36732	1.74649	-1.44120
0.475 - 0.587	0.52335	0.58113	0.47858	0.99498	1.65154	-0.09493
0.362 - 0.475	0.40772	0.47178	0.36395	0.47057	1.81338	-1.71804
0.250 - 0.362	0.30799	0.36103	0.25077	0.54624	1.69572	-1.22281
0.137 - 0.250	0.19169	0.24599	0.13712	0.25089	1.93737	-1.21309
0.025 - 0.137	0.08194	0.13668	0.02791	0.21922	1.63467	-1.71630
-0.088 - 0.025	-0.02540	0.02324	-0.08338	0.02021	1.33127	-1.68223
-0.200 - -0.088	-0.14698	-0.09624	-0.19705	-0.24197	2.14157	-2.12003
-0.313 - -0.200	-0.26085	-0.20120	-0.30996	-0.00333	1.53402	-2.03918
-0.425 - -0.313	-0.36689	-0.32076	-0.42504	-0.53123	0.98831	-2.12353
-0.538 - -0.425	-0.46815	-0.43123	-0.53156	-0.60531	1.15516	-2.12003
-0.650 - -0.538	-0.58345	-0.54979	-0.61958	-1.40719	-0.03051	-1.91626
-0.763 - -0.650	-0.70095	-0.66985	-0.76268	-1.33671	0.05719	-2.12353
-0.875 - -0.763	-0.81941	-0.76340	-0.87541	-0.96063	-0.38093	-1.54033

Node=HP Regression LASSO Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.325 - 1.438	1.43826	1.43826	1.43826	-0.07650	-0.07650	-0.07650
1.211 - 1.325	1.27810	1.28268	1.27351	1.63858	1.91976	1.35740
1.098 - 1.211	1.17526	1.17526	1.17526	-0.07723	-0.07723	-0.07723
0.984 - 1.098	1.05084	1.07799	1.02370	0.59587	0.60913	0.58260
0.871 - 0.984	0.91032	0.95248	0.87729	1.16275	1.76112	0.25818
0.757 - 0.871	0.83872	0.85943	0.79974	1.80568	2.53080	1.17010
0.643 - 0.757	0.69122	0.72837	0.67504	0.47347	1.48934	-1.33329
0.530 - 0.643	0.58190	0.62278	0.54932	0.69140	1.54488	-1.44120
0.416 - 0.530	0.46660	0.52504	0.41727	0.71313	1.81338	-1.71804
0.303 - 0.416	0.35537	0.40948	0.30667	0.53921	1.85573	-0.87824
0.189 - 0.303	0.24237	0.29460	0.19551	0.52029	1.93737	-1.21309
0.076 - 0.189	0.14173	0.18890	0.07805	0.27905	1.67589	-1.37563
-0.038 - 0.076	0.02627	0.07415	-0.03426	0.07082	1.63467	-1.71630
-0.151 - -0.038	-0.10133	-0.04087	-0.14874	-0.09987	1.39377	-2.12003
-0.265 - -0.151	-0.20910	-0.15683	-0.26467	-0.35593	1.53402	-1.69512
-0.378 - -0.265	-0.32001	-0.26920	-0.37488	-0.36140	1.40120	-2.12353
-0.492 - -0.378	-0.42988	-0.38206	-0.48279	-0.58833	1.15516	-2.03918
-0.605 - -0.492	-0.54041	-0.50321	-0.57311	-1.21238	0.11352	-1.90123
-0.719 - -0.605	-0.64915	-0.61579	-0.71514	-0.77810	0.51216	-2.14837
-0.833 - -0.719	-0.76191	-0.72631	-0.83253	-1.63976	-1.54033	-1.71795

Node=HP Regression LASSO Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.148 - 1.270	1.21008	1.26959	1.16207	0.52080	1.71614	-0.07723
1.026 - 1.148	1.07822	1.12426	1.03132	0.82142	1.71506	-1.33329
0.904 - 1.026	0.93527	0.97648	0.91154	0.38659	0.60913	0.25818
0.782 - 0.904	0.86714	0.89530	0.83898	1.04164	1.74649	0.33679
0.660 - 0.782	0.70258	0.74501	0.66783	0.98551	1.49995	0.10695
0.538 - 0.660	0.59131	0.65413	0.54431	0.98738	1.62035	0.34274
0.417 - 0.538	0.46852	0.53293	0.41838	0.79216	1.93737	-0.71719
0.295 - 0.417	0.35106	0.41437	0.30019	0.32099	1.85573	-1.44120
0.173 - 0.295	0.22840	0.29357	0.17351	0.22533	1.63467	-1.71804
0.051 - 0.173	0.11657	0.16481	0.05391	0.12927	1.39090	-1.37563
-0.071 - 0.051	0.00042	0.04953	-0.06359	0.08824	1.29809	-1.45147
-0.193 - -0.071	-0.13573	-0.07095	-0.19232	-0.09692	1.39377	-1.71630
-0.315 - -0.193	-0.23634	-0.19316	-0.30526	-0.33757	1.53402	-2.12003
-0.436 - -0.315	-0.37383	-0.31945	-0.43492	-0.28805	1.40120	-2.12353
-0.558 - -0.436	-0.49526	-0.43745	-0.55379	-0.50411	1.27810	-2.00400
-0.680 - -0.558	-0.61902	-0.56033	-0.67977	-0.62425	0.90261	-2.12003
-0.802 - -0.680	-0.73104	-0.68300	-0.79889	-1.37843	0.51216	-2.14837
-0.924 - -0.802	-0.86585	-0.80983	-0.91760	-1.08260	0.64939	-2.12353
-1.046 - -0.924	-0.97427	-0.93105	-0.99617	-1.60575	-1.04319	-2.11306
-1.168 - -1.046	-1.16755	-1.16755	-1.16755	-1.54033	-1.54033	-1.54033

Node=HP Regression LASSO Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.400 - 1.528	1.50864	1.52777	1.48952	0.64045	1.35740	-0.07650
1.272 - 1.400	1.36244	1.36244	1.36244	-0.07723	-0.07723	-0.07723
1.143 - 1.272	1.18698	1.22227	1.16635	1.49491	1.91976	0.58260
1.015 - 1.143	1.09649	1.11719	1.06995	1.41980	1.71506	0.82445
0.887 - 1.015	0.94826	1.01250	0.91802	1.28460	2.53080	0.33679
0.759 - 0.887	0.81337	0.87584	0.77051	0.59813	1.48934	-1.33329
0.631 - 0.759	0.68644	0.74675	0.64892	0.71469	1.65154	-1.44120
0.503 - 0.631	0.54931	0.60960	0.50846	0.86136	1.81338	-0.71719
0.375 - 0.503	0.43553	0.50092	0.38050	0.62455	1.85573	-1.71804
0.246 - 0.375	0.30669	0.37141	0.24966	0.45005	1.69572	-0.87824
0.118 - 0.246	0.18956	0.24289	0.12138	0.23586	1.63467	-1.45147
-0.010 - 0.118	0.06006	0.11756	-0.00617	0.12484	1.29809	-1.11799
-0.138 - -0.010	-0.06843	-0.01148	-0.12858	-0.02775	2.14157	-1.71630
-0.266 - -0.138	-0.19633	-0.14161	-0.26486	-0.22098	1.53402	-2.12003
-0.394 - -0.266	-0.32433	-0.26959	-0.39098	-0.61649	0.93883	-2.12353
-0.522 - -0.394	-0.44542	-0.39781	-0.51809	-0.38898	1.13984	-2.12003
-0.650 - -0.522	-0.58217	-0.52333	-0.64555	-0.56179	1.27810	-2.03918
-0.779 - -0.650	-0.70685	-0.66730	-0.76177	-1.19058	0.51216	-2.14837
-0.907 - -0.779	-0.82780	-0.78299	-0.85872	-1.07282	0.64939	-2.11306
-1.035 - -0.907	-1.01208	-0.98928	-1.03487	-1.60066	-1.54033	-1.66099

Node=HP Regression LASSO Score Distributions

Group=^(fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.730 - 1.874	1.87393	1.87393	1.87393	1.35740	1.35740	1.35740
1.441 - 1.585	1.45333	1.45333	1.45333	1.51134	1.51134	1.51134
1.297 - 1.441	1.36910	1.36910	1.36910	1.76112	1.76112	1.76112
1.152 - 1.297	1.21455	1.28946	1.16223	1.17711	1.91976	-0.07723
1.008 - 1.152	1.09056	1.12451	1.05011	0.67062	1.48934	-1.33329
0.864 - 1.008	0.94760	0.99728	0.88988	1.03808	2.53080	-0.09493
0.720 - 0.864	0.81070	0.84947	0.74172	0.96692	1.54488	0.10695
0.575 - 0.720	0.62397	0.66886	0.57539	1.15889	1.93737	0.07866
0.431 - 0.575	0.49810	0.57504	0.43298	0.50513	1.85573	-1.44120
0.287 - 0.431	0.36213	0.42354	0.29042	0.31445	1.63467	-1.71804
0.142 - 0.287	0.20791	0.28478	0.14333	0.26757	1.27892	-1.21309
-0.002 - 0.142	0.08066	0.13903	-0.00185	0.14778	2.14157	-1.51040
-0.146 - -0.002	-0.07287	-0.00752	-0.14055	-0.23330	1.28937	-2.12003
-0.291 - -0.146	-0.22180	-0.14647	-0.28967	-0.08653	1.53402	-2.12353
-0.435 - -0.291	-0.36722	-0.29497	-0.43319	-0.27294	1.40120	-2.00400
-0.579 - -0.435	-0.50878	-0.43877	-0.57297	-0.66479	0.90261	-1.98839
-0.723 - -0.579	-0.62948	-0.57955	-0.70486	-0.76348	1.15516	-2.03918
-0.868 - -0.723	-0.78485	-0.73668	-0.82744	-0.90462	0.51216	-1.98818
-1.012 - -0.868	-0.96965	-0.89352	-1.01208	-1.34015	-0.38093	-2.14837

Node=HP Regression LASSO Score Distributions

Group=^(fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.375 - 1.515	1.42742	1.51515	1.37695	1.12709	1.71614	-0.07650
1.236 - 1.375	1.34919	1.34919	1.34919	0.82445	0.82445	0.82445
1.096 - 1.236	1.16547	1.22787	1.09674	0.73329	1.62835	-0.07723
0.956 - 1.096	1.02765	1.07793	0.96394	0.41926	1.74649	-1.33329
0.816 - 0.956	0.88810	0.94974	0.81769	1.09870	1.93737	-0.09493
0.677 - 0.816	0.72949	0.80552	0.68512	1.04204	1.58573	0.07866
0.537 - 0.677	0.60822	0.66489	0.54173	0.88839	1.81338	-0.08807
0.397 - 0.537	0.46659	0.52597	0.40577	0.68356	1.85573	-0.71719
0.257 - 0.397	0.32449	0.39533	0.26249	0.21526	1.54226	-1.37563
0.118 - 0.257	0.18085	0.24716	0.11806	0.19474	1.39090	-1.71804
-0.022 - 0.118	0.05283	0.11507	-0.02180	0.13169	2.14157	-1.51040
-0.162 - -0.022	-0.10273	-0.02949	-0.15887	-0.17395	1.16190	-1.60749
-0.301 - -0.162	-0.23331	-0.16688	-0.29782	-0.27961	1.53402	-1.93471
-0.441 - -0.301	-0.38401	-0.30808	-0.44033	-0.29331	1.13984	-2.12353
-0.581 - -0.441	-0.51341	-0.44140	-0.57177	-0.69585	1.06762	-2.12003
-0.721 - -0.581	-0.65450	-0.59076	-0.71448	-0.54520	1.15516	-2.03918
-0.860 - -0.721	-0.79159	-0.73819	-0.84893	-1.12851	0.38121	-2.14837
-1.000 - -0.860	-0.91719	-0.88593	-0.98539	-1.02055	0.44271	-2.12353
-1.140 - -1.000	-1.03666	-1.02289	-1.05042	-1.91550	-1.71795	-2.11306
-1.280 - -1.140	-1.26101	-1.24236	-1.27966	-1.29176	-1.04319	-1.54033

Node=HP Regression LASSO Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.346 - 1.477	1.44057	1.47704	1.39342	0.99901	1.71614	-0.07650
1.214 - 1.346	1.25535	1.27872	1.23198	0.84195	1.76112	-0.07723
1.083 - 1.214	1.14269	1.21032	1.10788	1.21617	1.91976	0.60913
0.952 - 1.083	1.01131	1.05885	0.95824	0.81071	1.71506	-1.33329
0.821 - 0.952	0.88325	0.93829	0.82366	0.93727	2.53080	-0.09493
0.689 - 0.821	0.75979	0.81947	0.69421	1.09048	1.93737	0.10695
0.558 - 0.689	0.61130	0.67713	0.56672	1.16823	1.81338	0.26486
0.427 - 0.558	0.48951	0.54395	0.43094	0.34157	1.85573	-1.44120
0.295 - 0.427	0.36756	0.41607	0.30229	0.48741	1.69572	-1.71804
0.164 - 0.295	0.21101	0.28578	0.16619	0.29589	1.63467	-1.22281
0.033 - 0.164	0.09765	0.16229	0.03835	0.17757	1.39090	-1.51040
-0.098 - 0.033	-0.03289	0.01787	-0.09648	-0.18970	1.20060	-1.39504
-0.230 - 0.098	-0.17139	-0.11296	-0.22751	-0.19919	2.14157	-2.12003
-0.361 - 0.230	-0.31208	-0.23067	-0.35976	-0.33013	1.13984	-2.12353
-0.492 - 0.361	-0.42660	-0.36221	-0.48745	-0.55440	1.06828	-2.03918
-0.624 - 0.492	-0.56061	-0.49954	-0.61914	-0.64776	1.27810	-2.12003
-0.755 - 0.624	-0.68290	-0.63005	-0.75275	-0.70438	0.55336	-2.14837
-0.886 - 0.755	-0.80381	-0.76384	-0.86968	-0.82593	0.64939	-1.66099
-1.017 - 0.886	-0.92404	-0.89740	-0.97770	-1.46424	-0.38093	-2.12353
-1.149 - 1.017	-1.09006	-1.03146	-1.14866	-1.62914	-1.54033	-1.71795

Node=HP Regression LASSO Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.612 - 1.761	1.76123	1.76123	1.76123	1.35740	1.35740	1.35740
1.462 - 1.612	1.52777	1.52777	1.52777	-0.07650	-0.07650	-0.07650
1.163 - 1.312	1.25535	1.27872	1.23198	0.84195	1.76112	-0.07723
1.013 - 1.163	1.08971	1.13944	1.02535	1.09683	1.71506	0.29246
0.864 - 1.013	0.91719	0.95824	0.87584	1.01398	2.53080	-1.33329
0.714 - 0.864	0.78031	0.85380	0.72910	1.15357	1.91976	0.44077
0.565 - 0.714	0.63705	0.70690	0.56672	0.68302	1.67589	-1.44120
0.415 - 0.565	0.48210	0.54638	0.42488	0.93506	1.93737	-1.18976
0.265 - 0.415	0.34025	0.40451	0.26656	0.41288	1.85573	-1.71804
0.116 - 0.265	0.18343	0.26435	0.11714	0.18812	1.27892	-1.21309
-0.034 - 0.116	0.04311	0.11378	-0.03262	-0.06368	2.14157	-1.71630
-0.183 - 0.034	-0.11230	-0.03889	-0.17928	-0.04472	1.39377	-2.12003
-0.333 - 0.183	-0.26329	-0.18432	-0.33135	-0.23758	1.53402	-2.12353
-0.482 - 0.333	-0.40867	-0.33850	-0.48202	-0.40311	1.40120	-1.98839
-0.632 - 0.482	-0.55558	-0.48266	-0.63063	-0.79438	1.27810	-2.12003
-0.782 - 0.632	-0.70043	-0.65179	-0.77152	-0.65727	0.90261	-2.14837
-0.931 - 0.782	-0.84845	-0.79040	-0.90004	-0.87853	0.64939	-2.12353
-1.081 - 0.931	-1.02141	-0.97770	-1.06974	-1.78812	-1.66047	-2.11306
-1.230 - 1.081	-1.23030	-1.23030	-1.23030	-1.54033	-1.54033	-1.54033

Node=HP Regression LASSO Summary

Group Index	Group	Frequency Count
1	<code>^(fold_=1)</code>	345
2	<code>^(fold_=2)</code>	345
3	<code>^(fold_=3)</code>	342
4	<code>^(fold_=4)</code>	342
5	<code>^(fold_=5)</code>	345
6	<code>^(fold_=6)</code>	343
7	<code>^(fold_=7)</code>	349
8	<code>^(fold_=8)</code>	340

SAS Enterprise Miner Report

Node=End Groups Summary

Node id = EndGrp6
 Node label = End Groups
 Meta path = Ids => Trans => Grp6 => HPReg4 => EndGrp6
 Notes =

Node=End Groups Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

Node=End Groups Variable Summary

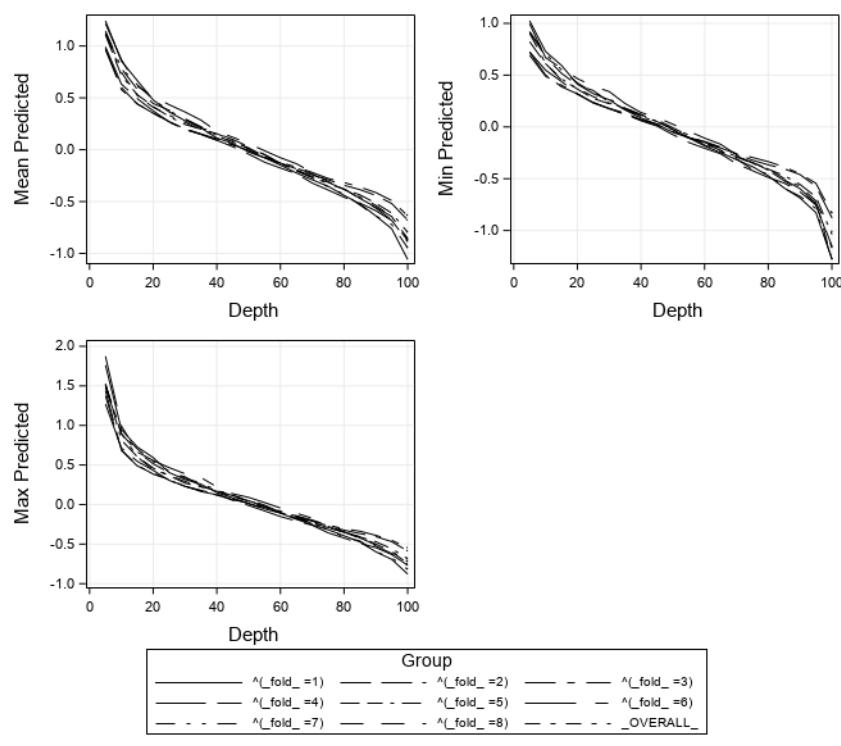
Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	13		BAQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_E_imp_IT NEO_N_imp_IT PCCLext_imp_IT PCCLint_imp_IT PCCLpco_imp_IT PHQ9dep_imp_IT VSltot_imp_IT_XVAL_...
INPUT	NOMINAL	2		classification pH_MII_ON_OFF_INF_MISS

Group Index	Group	ModelId	Train: Target Variable	Train:		Train:		Train:		Train:	
				Average Squared Error	ASE	Divisor	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Root Squared Errors	Sum of Squared Errors
1	^(fold_=1)	HPReg4	BC_RQ_Total	0.65490	333	2.23043		333	0.80926	218.083	ReQuest (total score) (Box-Cox transformed)
2	^(fold_=2)	HPReg4	BC_RQ_Total	0.75142	339	2.28618		339	0.86684	254.730	ReQuest (total score) (Box-Cox transformed)
3	^(fold_=3)	HPReg4	BC_RQ_Total	0.74748	344	2.14691		344	0.86457	257.133	ReQuest (total score) (Box-Cox transformed)
4	^(fold_=4)	HPReg4	BC_RQ_Total	0.71153	337	2.36462		337	0.84352	239.786	ReQuest (total score) (Box-Cox transformed)
5	^(fold_=5)	HPReg4	BC_RQ_Total	0.70559	342	2.23893		342	0.83999	241.311	ReQuest (total score) (Box-Cox transformed)
6	^(fold_=6)	HPReg4	BC_RQ_Total	0.67757	333	2.42770		333	0.82315	225.631	ReQuest (total score) (Box-Cox transformed)
7	^(fold_=7)	HPReg4	BC_RQ_Total	0.65935	345	2.36654		345	0.81201	227.477	ReQuest (total score) (Box-Cox transformed)
8	^(fold_=8)	HPReg4	BC_RQ_Total	0.69360	344	2.39214		344	0.83283	238.599	ReQuest (total score) (Box-Cox transformed)
9	_OVERALL_		BC_RQ_Total	0.69609	393	2.28499		393	0.83432	273.563	ReQuest (total score) (Box-Cox transformed)

SAS Enterprise Miner Report

Node=End Groups

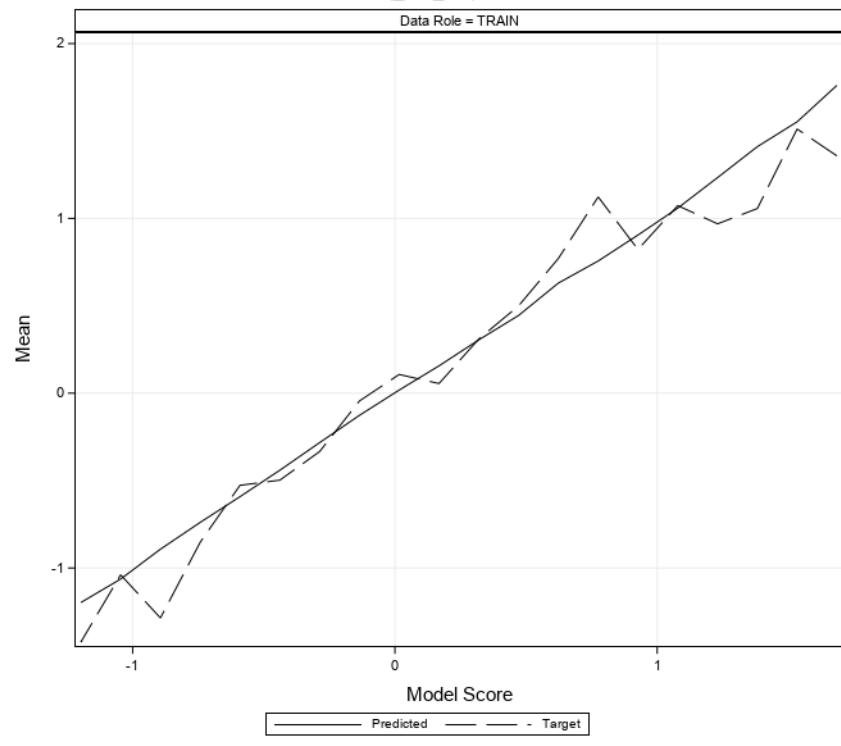
Multiple Model Assessment Scores where DataRole=TRAIN
TARGET='BC_RQ_Total'



SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
 $\wedge(\text{fold}_\text{=}1)$



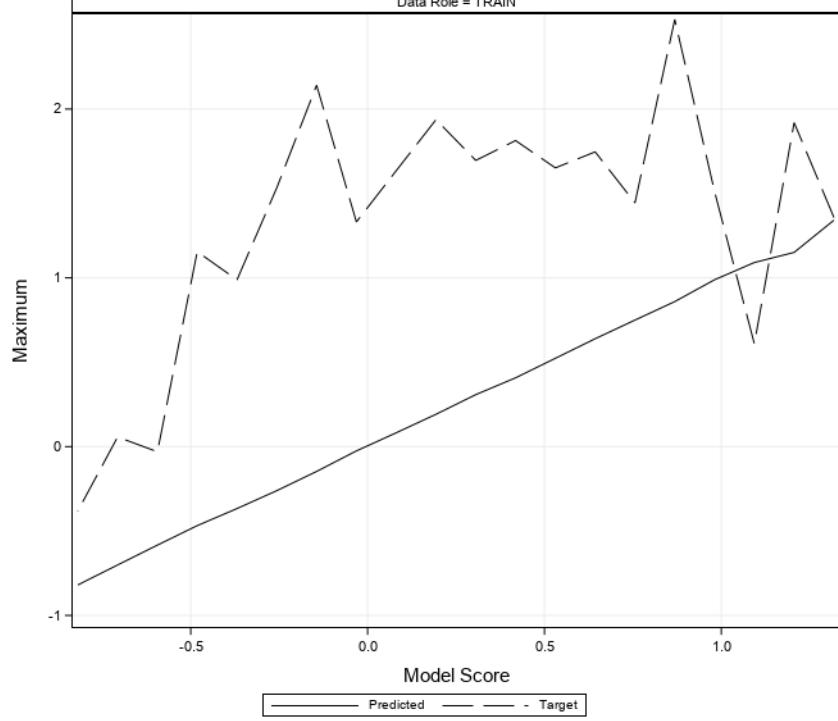


SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=2)

Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=3)

Data Role = TRAIN



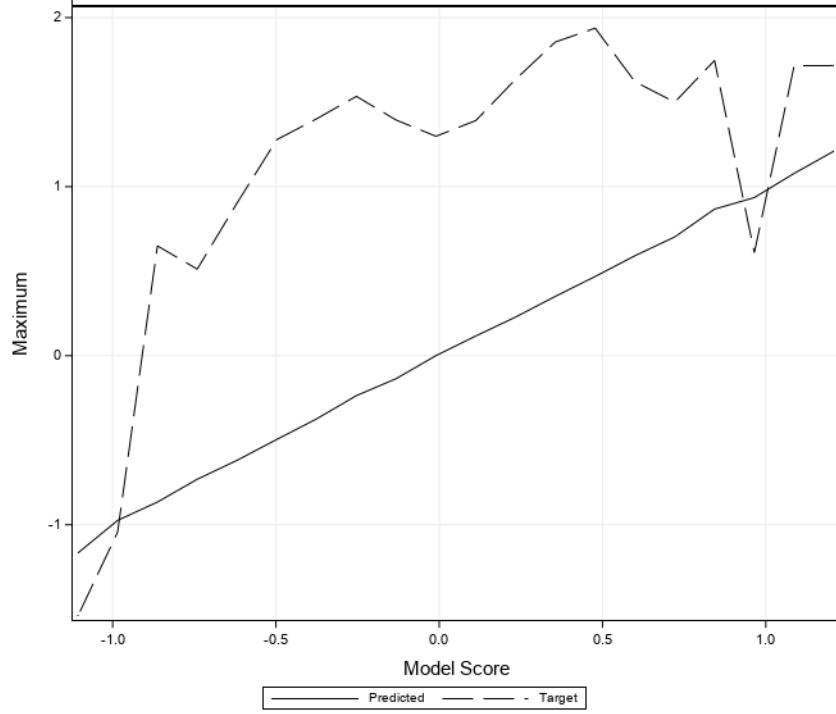


SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=4)

Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=5)

Data Role = TRAIN

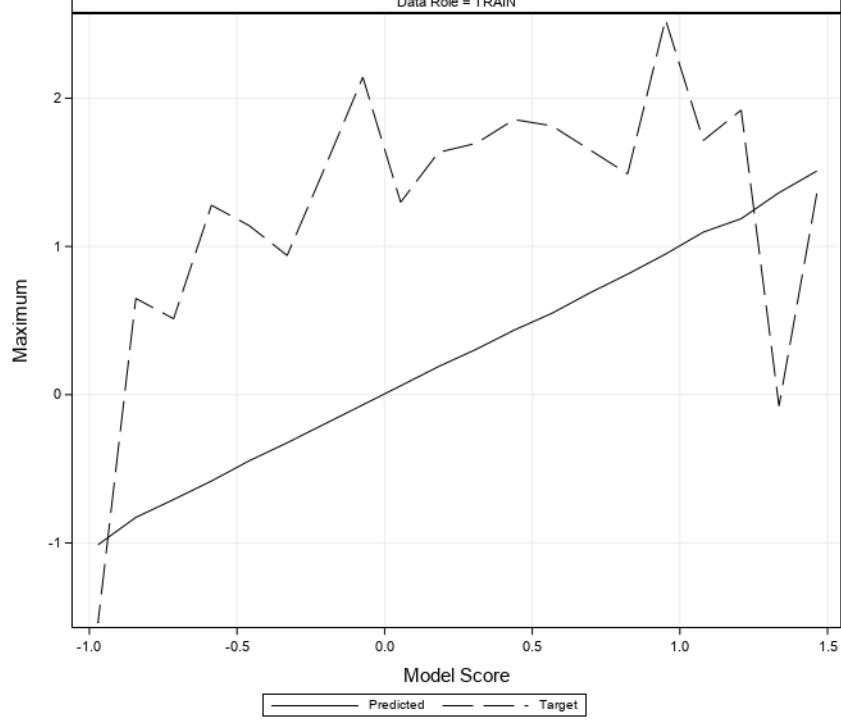


SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=5)

Data Role = TRAIN



SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)

Data Role = TRAIN

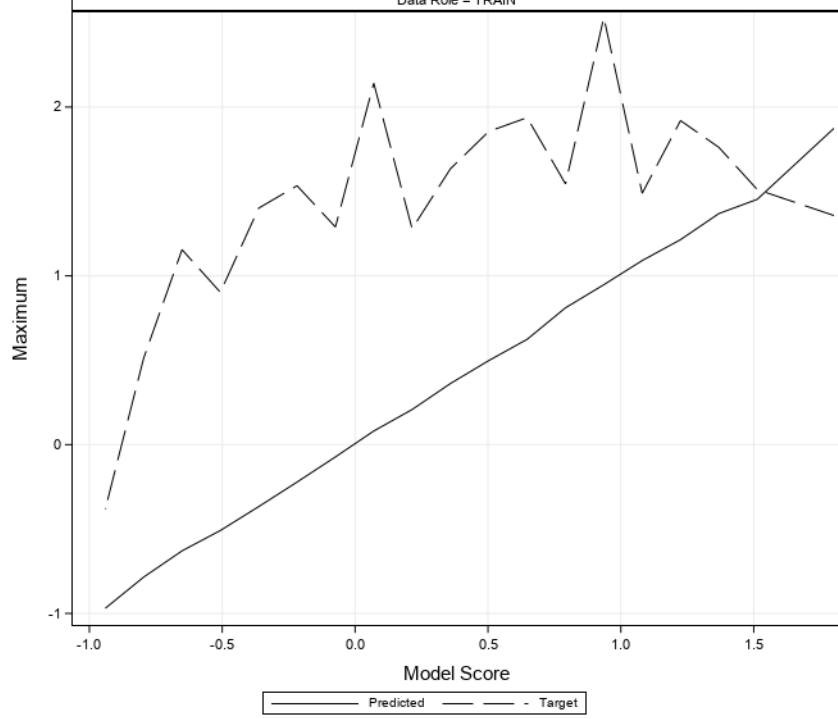


SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=6)

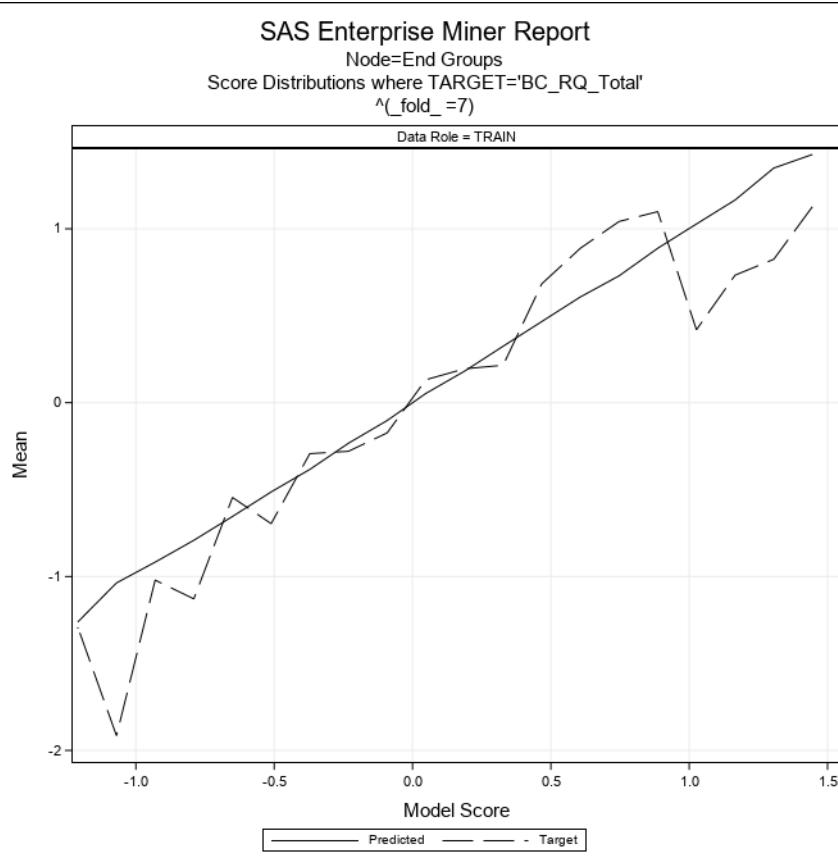
Data Role = TRAIN

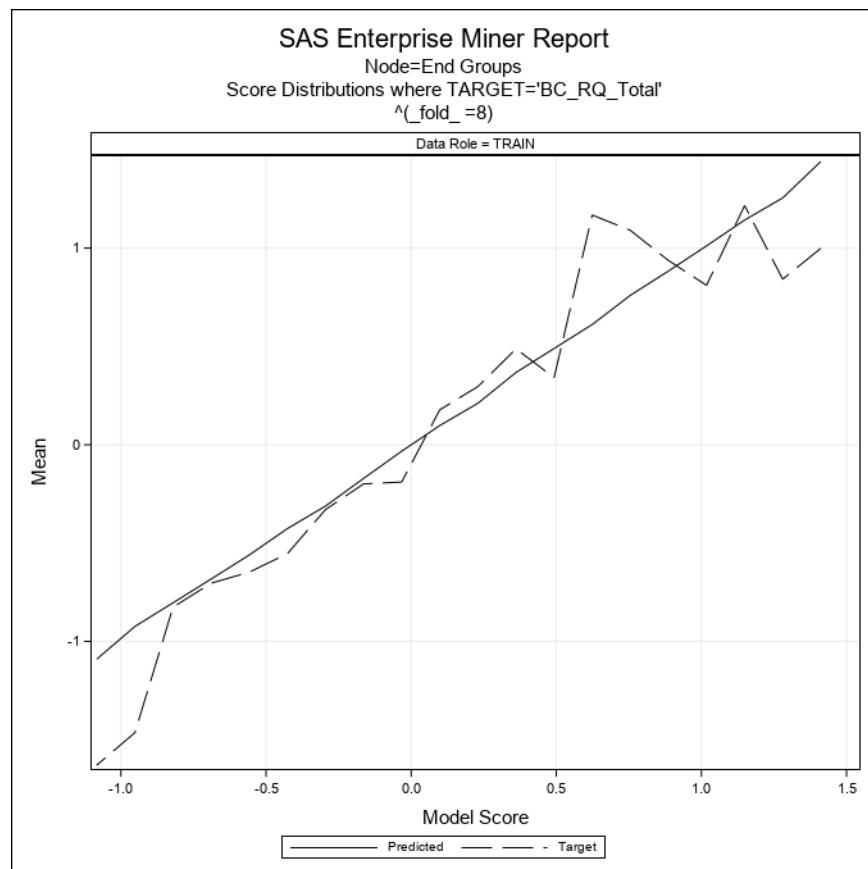
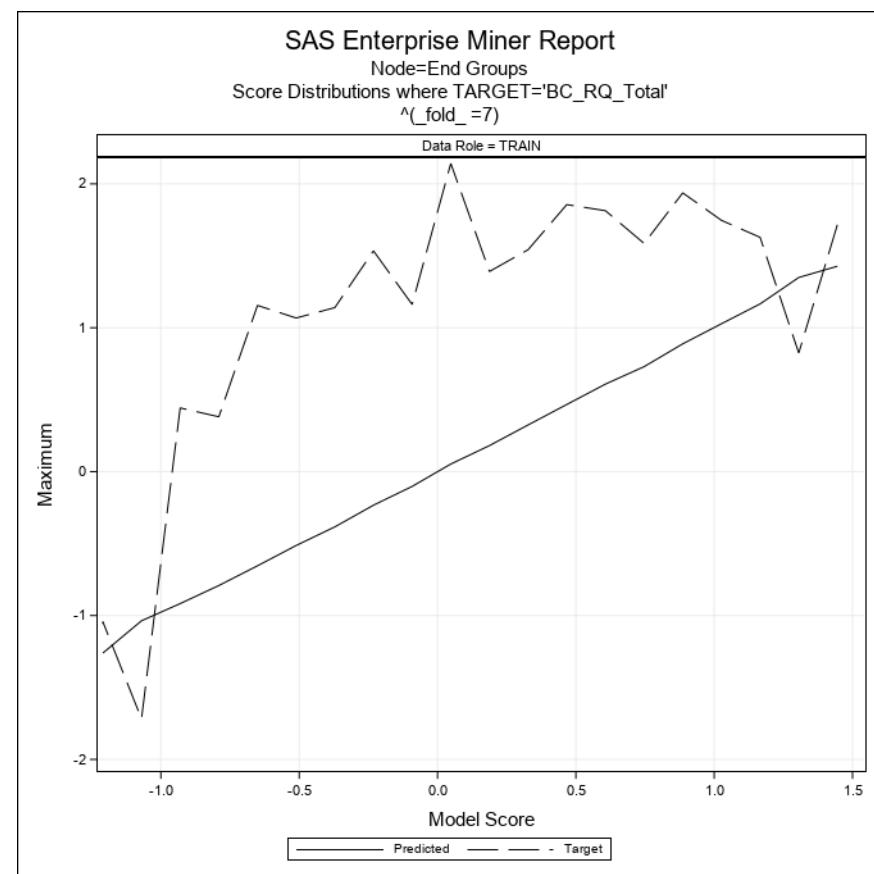
**SAS Enterprise Miner Report**

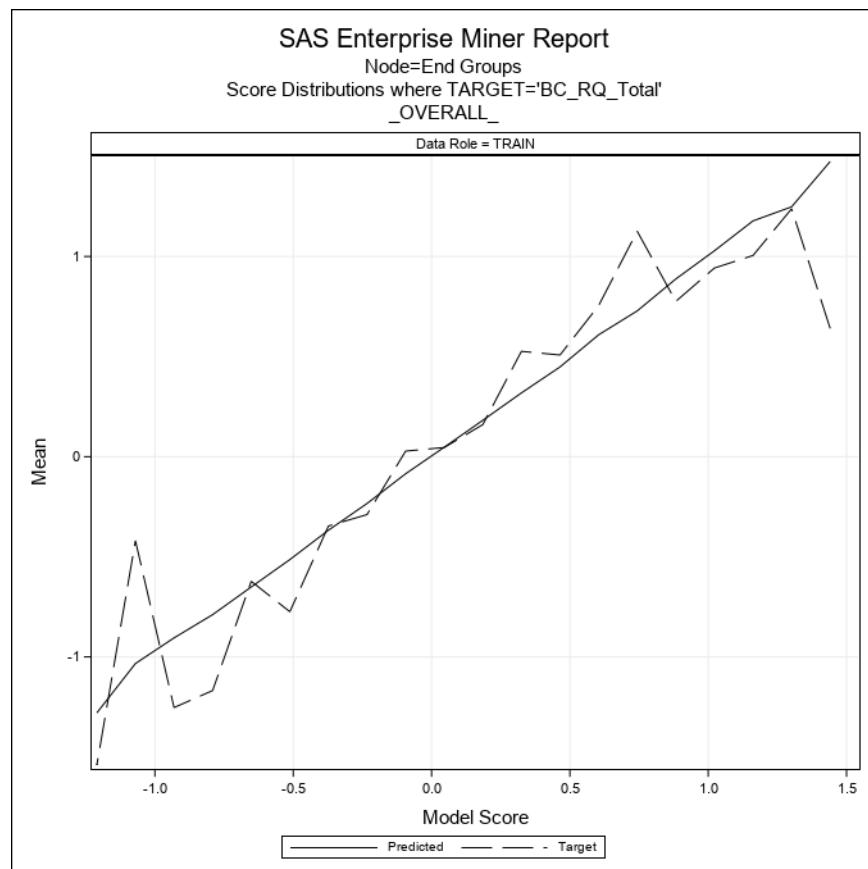
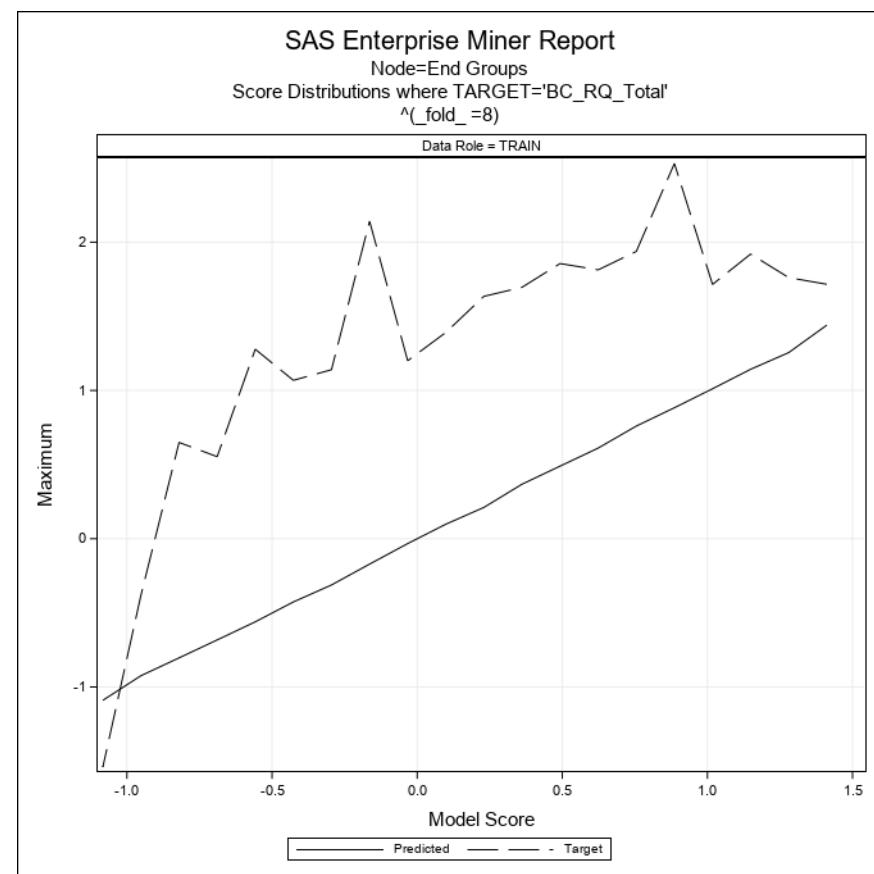
Node=End Groups

Score Distributions where TARGET='BC_RQ_Total'
^(_fold_=7)

Data Role = TRAIN









Node=End Groups Score Distributions

Group=[^](fold_ =1) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.609 - 1.761	1.76123	1.76123	1.76123	1.35740	1.35740	1.35740
1.458 - 1.609	1.55264	1.55264	1.55264	1.51134	1.51134	1.51134
1.306 - 1.458	1.41031	1.44723	1.30969	1.05630	1.76112	-0.07650
1.154 - 1.306	1.23349	1.26931	1.19051	0.96893	1.71506	0.58260
1.003 - 1.154	1.05876	1.10682	1.02472	1.07314	2.53080	0.25818
0.851 - 1.003	0.90473	0.94908	0.85349	0.82222	1.62035	-1.33329
0.699 - 0.851	0.75630	0.82302	0.70933	1.12277	1.85573	0.10695
0.547 - 0.699	0.62999	0.69887	0.57170	0.77097	1.81338	-0.08807
0.396 - 0.547	0.44468	0.49313	0.39746	0.49958	1.69572	-1.71804
0.244 - 0.396	0.30509	0.38948	0.24568	0.31005	1.63467	-1.14437
0.092 - 0.244	0.15637	0.24335	0.09233	0.05511	1.39090	-1.45147
-0.060 - 0.092	0.01790	0.09046	-0.05766	0.10716	2.14157	-1.24826
-0.211 - -0.060	-0.12686	-0.06227	-0.20355	-0.04469	1.53402	-1.60749
-0.363 - -0.211	-0.28280	-0.21423	-0.36058	-0.33398	1.40120	-2.12003
-0.515 - -0.363	-0.44084	-0.36515	-0.51370	-0.49760	1.06762	-2.03918
-0.666 - -0.515	-0.59191	-0.51747	-0.64888	-0.52701	1.15516	-1.91626
-0.818 - -0.666	-0.73906	-0.66803	-0.81672	-0.85268	0.51216	-2.14837
-0.970 - -0.818	-0.89248	-0.82755	-0.94343	-1.28590	0.44271	-1.98818
-1.122 - -0.970	-1.06337	-1.01830	-1.10002	-1.03886	0.64939	-2.11306
-1.273 - -1.122	-1.19756	-1.14065	-1.27339	-1.42387	-0.98842	-2.12353

Node=End Groups Score Distributions

Group=^(_fold_=2) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.262 - 1.375	1.34163	1.37462	1.30864	0.64045	1.35740	-0.07650
1.150 - 1.262	1.15083	1.15083	1.15083	1.91976	1.91976	1.91976
1.037 - 1.150	1.09078	1.13149	1.05006	0.26595	0.60913	-0.07723
0.925 - 1.037	0.98869	1.03086	0.93847	0.97279	1.51134	0.58260
0.812 - 0.925	0.85932	0.90450	0.82200	1.38905	2.53080	0.25818
0.700 - 0.812	0.74976	0.79898	0.72118	1.08442	1.44435	0.63880
0.587 - 0.700	0.63930	0.69228	0.59457	0.36732	1.74649	-1.44120
0.475 - 0.587	0.52335	0.58113	0.47858	0.99498	1.65154	-0.09493
0.362 - 0.475	0.40772	0.47178	0.36395	0.47057	1.81338	-1.71804
0.250 - 0.362	0.30799	0.36103	0.25077	0.54624	1.69572	-1.22281
0.137 - 0.250	0.19169	0.24599	0.13712	0.25089	1.93737	-1.21309
0.025 - 0.137	0.08194	0.13668	0.02791	0.21922	1.63467	-1.71630
-0.088 - 0.025	-0.02540	0.02324	-0.08338	0.02021	1.33127	-1.68223
-0.200 - -0.088	-0.14698	-0.09624	-0.19705	-0.24197	2.14157	-2.12003
-0.313 - -0.200	-0.26085	-0.20120	-0.30996	-0.00333	1.53402	-2.03918
-0.425 - -0.313	-0.36689	-0.32076	-0.42504	-0.53123	0.98831	-2.12353
-0.538 - -0.425	-0.46815	-0.43123	-0.53156	-0.60531	1.15516	-2.12003
-0.650 - -0.538	-0.58345	-0.54979	-0.61958	-1.40719	-0.03051	-1.91626
-0.763 - -0.650	-0.70095	-0.66985	-0.76268	-1.33671	0.05719	-2.12353
-0.875 - -0.763	-0.81941	-0.76340	-0.87541	-0.96063	-0.38093	-1.54033

Node=End Groups Score Distributions

Group=^(_fold_=3) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.325 - 1.438	1.43826	1.43826	1.43826	-0.07650	-0.07650	-0.07650
1.211 - 1.325	1.27810	1.28268	1.27351	1.63858	1.91976	1.35740
1.098 - 1.211	1.17526	1.17526	1.17526	-0.07723	-0.07723	-0.07723
0.984 - 1.098	1.05084	1.07799	1.02370	0.59587	0.60913	0.58260
0.871 - 0.984	0.91032	0.95248	0.87729	1.16275	1.76112	0.25818
0.757 - 0.871	0.83872	0.85943	0.79974	1.80568	2.53080	1.17010
0.643 - 0.757	0.69122	0.72837	0.67504	0.47347	1.48934	-1.33329
0.530 - 0.643	0.58190	0.62278	0.54932	0.69140	1.54488	-1.44120
0.416 - 0.530	0.46660	0.52504	0.41727	0.71313	1.81338	-1.71804
0.303 - 0.416	0.35537	0.40948	0.30667	0.53921	1.85573	-0.87824
0.189 - 0.303	0.24237	0.29460	0.19551	0.52029	1.93737	-1.21309
0.076 - 0.189	0.14173	0.18890	0.07805	0.27905	1.67589	-1.37563
-0.038 - 0.076	0.02627	0.07415	-0.03426	0.07082	1.63467	-1.71630
-0.151 - -0.038	-0.10133	-0.04087	-0.14874	-0.09987	1.39377	-2.12003
-0.265 - -0.151	-0.20910	-0.15683	-0.26467	-0.35593	1.53402	-1.69512
-0.378 - -0.265	-0.32001	-0.26920	-0.37488	-0.36140	1.40120	-2.12353
-0.492 - -0.378	-0.42988	-0.38206	-0.48279	-0.58833	1.15516	-2.03918
-0.605 - -0.492	-0.54041	-0.50321	-0.57311	-1.21238	0.11352	-1.90123
-0.719 - -0.605	-0.64915	-0.61579	-0.71514	-0.77810	0.51216	-2.14837
-0.833 - -0.719	-0.76191	-0.72631	-0.83253	-1.63976	-1.54033	-1.71795

Node=End Groups Score Distributions

Group=^(fold_=4) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.148 - 1.270	1.21008	1.26959	1.16207	0.52080	1.71614	-0.07723
1.026 - 1.148	1.07822	1.12426	1.03132	0.82142	1.71506	-1.33329
0.904 - 1.026	0.93527	0.97648	0.91154	0.38659	0.60913	0.25818
0.782 - 0.904	0.86714	0.89530	0.83898	1.04164	1.74649	0.33679
0.660 - 0.782	0.70258	0.74501	0.66783	0.98551	1.49995	0.10695
0.538 - 0.660	0.59131	0.65413	0.54431	0.98738	1.62035	0.34274
0.417 - 0.538	0.46852	0.53293	0.41838	0.79216	1.93737	-0.71719
0.295 - 0.417	0.35106	0.41437	0.30019	0.32099	1.85573	-1.44120
0.173 - 0.295	0.22840	0.29357	0.17351	0.22533	1.63467	-1.71804
0.051 - 0.173	0.11657	0.16481	0.05391	0.12927	1.39090	-1.37563
-0.071 - 0.051	0.00042	0.04953	-0.06359	0.08824	1.29809	-1.45147
-0.193 - -0.071	-0.13573	-0.07095	-0.19232	-0.09692	1.39377	-1.71630
-0.315 - -0.193	-0.23634	-0.19316	-0.30526	-0.33757	1.53402	-2.12003
-0.436 - -0.315	-0.37383	-0.31945	-0.43492	-0.28805	1.40120	-2.12353
-0.558 - -0.436	-0.49526	-0.43745	-0.55379	-0.50411	1.27810	-2.00400
-0.680 - -0.558	-0.61902	-0.56033	-0.67977	-0.62425	0.90261	-2.12003
-0.802 - -0.680	-0.73104	-0.68300	-0.79889	-1.37843	0.51216	-2.14837
-0.924 - -0.802	-0.86585	-0.80983	-0.91760	-1.08260	0.64939	-2.12353
-1.046 - -0.924	-0.97427	-0.93105	-0.99617	-1.60575	-1.04319	-2.11306
-1.168 - -1.046	-1.16755	-1.16755	-1.16755	-1.54033	-1.54033	-1.54033

Node=End Groups Score Distributions

Group=^(fold_=5) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.400 - 1.528	1.50864	1.52777	1.48952	0.64045	1.35740	-0.07650
1.272 - 1.400	1.36244	1.36244	1.36244	-0.07723	-0.07723	-0.07723
1.143 - 1.272	1.18698	1.22227	1.16635	1.49491	1.91976	0.58260
1.015 - 1.143	1.09649	1.11719	1.06995	1.41980	1.71506	0.82445
0.887 - 1.015	0.94826	1.01250	0.91802	1.28460	2.53080	0.33679
0.759 - 0.887	0.81337	0.87584	0.77051	0.59813	1.48934	-1.33329
0.631 - 0.759	0.68644	0.74675	0.64892	0.71469	1.65154	-1.44120
0.503 - 0.631	0.54931	0.60960	0.50846	0.86136	1.81338	-0.71719
0.375 - 0.503	0.43553	0.50092	0.38050	0.62455	1.85573	-1.71804
0.246 - 0.375	0.30669	0.37141	0.24966	0.45005	1.69572	-0.87824
0.118 - 0.246	0.18956	0.24289	0.12138	0.23586	1.63467	-1.45147
-0.010 - 0.118	0.06006	0.11756	-0.00617	0.12484	1.29809	-1.11799
-0.138 - -0.010	-0.06843	-0.01148	-0.12858	-0.02775	2.14157	-1.71630
-0.266 - -0.138	-0.19633	-0.14161	-0.26486	-0.22098	1.53402	-2.12003
-0.394 - -0.266	-0.32433	-0.26959	-0.39098	-0.61649	0.93883	-2.12353
-0.522 - -0.394	-0.44542	-0.39781	-0.51809	-0.38898	1.13984	-2.12003
-0.650 - -0.522	-0.58217	-0.52333	-0.64555	-0.56179	1.27810	-2.03918
-0.779 - -0.650	-0.70685	-0.66730	-0.76177	-1.19058	0.51216	-2.14837
-0.907 - -0.779	-0.82780	-0.78299	-0.85872	-1.07282	0.64939	-2.11306
-1.035 - -0.907	-1.01208	-0.98928	-1.03487	-1.60066	-1.54033	-1.66099

Node=End Groups Score Distributions

Group= \wedge (fold_=6) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.730 - 1.874	1.87393	1.87393	1.87393	1.35740	1.35740	1.35740
1.441 - 1.585	1.45333	1.45333	1.45333	1.51134	1.51134	1.51134
1.297 - 1.441	1.36910	1.36910	1.36910	1.76112	1.76112	1.76112
1.152 - 1.297	1.21455	1.28946	1.16223	1.17711	1.91976	-0.07723
1.008 - 1.152	1.09056	1.12451	1.05011	0.67062	1.48934	-1.33329
0.864 - 1.008	0.94760	0.99728	0.88988	1.03808	2.53080	-0.09493
0.720 - 0.864	0.81070	0.84947	0.74172	0.96692	1.54488	0.10695
0.575 - 0.720	0.62397	0.66886	0.57539	1.15889	1.93737	0.07866
0.431 - 0.575	0.49810	0.57504	0.43298	0.50513	1.85573	-1.44120
0.287 - 0.431	0.36213	0.42354	0.29042	0.31445	1.63467	-1.71804
0.142 - 0.287	0.20791	0.28478	0.14333	0.26757	1.27892	-1.21309
-0.002 - 0.142	0.08066	0.13903	-0.00185	0.14778	2.14157	-1.51040
-0.146 - -0.002	-0.07287	-0.00752	-0.14055	-0.23330	1.28937	-2.12003
-0.291 - -0.146	-0.22180	-0.14647	-0.28967	-0.08653	1.53402	-2.12353
-0.435 - -0.291	-0.36722	-0.29497	-0.43319	-0.27294	1.40120	-2.00400
-0.579 - -0.435	-0.50878	-0.43877	-0.57297	-0.66479	0.90261	-1.98839
-0.723 - -0.579	-0.62948	-0.57955	-0.70486	-0.76348	1.15516	-2.03918
-0.868 - -0.723	-0.78485	-0.73668	-0.82744	-0.90462	0.51216	-1.98818
-1.012 - -0.868	-0.96965	-0.89352	-1.01208	-1.34015	-0.38093	-2.14837

Node=End Groups Score Distributions

Group= \wedge (fold_=7) Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.375 - 1.515	1.42742	1.51515	1.37695	1.12709	1.71614	-0.07650
1.236 - 1.375	1.34919	1.34919	1.34919	0.82445	0.82445	0.82445
1.096 - 1.236	1.16547	1.22787	1.09674	0.73329	1.62835	-0.07723
0.956 - 1.096	1.02765	1.07793	0.96394	0.41926	1.74649	-1.33329
0.816 - 0.956	0.88810	0.94974	0.81769	1.09870	1.93737	-0.09493
0.677 - 0.816	0.72949	0.80552	0.68512	1.04204	1.58573	0.07866
0.537 - 0.677	0.60822	0.66489	0.54173	0.88839	1.81338	-0.08807
0.397 - 0.537	0.46659	0.52597	0.40577	0.68356	1.85573	-0.71719
0.257 - 0.397	0.32449	0.39533	0.26249	0.21526	1.54226	-1.37563
0.118 - 0.257	0.18085	0.24716	0.11806	0.19474	1.39090	-1.71804
-0.022 - 0.118	0.05283	0.11507	-0.02180	0.13169	2.14157	-1.51040
-0.162 - -0.022	-0.10273	-0.02949	-0.15887	-0.17395	1.16190	-1.60749
-0.301 - -0.162	-0.23331	-0.16688	-0.29782	-0.27961	1.53402	-1.93471
-0.441 - -0.301	-0.38401	-0.30808	-0.44033	-0.29331	1.13984	-2.12353
-0.581 - -0.441	-0.51341	-0.44140	-0.57177	-0.69585	1.06762	-2.12003
-0.721 - -0.581	-0.65450	-0.59076	-0.71448	-0.54520	1.15516	-2.03918
-0.860 - -0.721	-0.79159	-0.73819	-0.84893	-1.12851	0.38121	-2.14837
-1.000 - -0.860	-0.91719	-0.88593	-0.98539	-1.02055	0.44271	-2.12353
-1.140 - -1.000	-1.03666	-1.02289	-1.05042	-1.91550	-1.71795	-2.11306
-1.280 - -1.140	-1.26101	-1.24236	-1.27966	-1.29176	-1.04319	-1.54033

Node=End Groups Score Distributions

Group=_fold_=8 Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.346 - 1.477	1.44057	1.47704	1.39342	0.99901	1.71614	-0.07650
1.214 - 1.346	1.25535	1.27872	1.23198	0.84195	1.76112	-0.07723
1.083 - 1.214	1.14269	1.21032	1.10788	1.21617	1.91976	0.60913
0.952 - 1.083	1.01131	1.05885	0.95824	0.81071	1.71506	-1.33329
0.821 - 0.952	0.88325	0.93829	0.82366	0.93727	2.53080	-0.09493
0.689 - 0.821	0.75979	0.81947	0.69421	1.09048	1.93737	0.10695
0.558 - 0.689	0.61130	0.67713	0.56672	1.16823	1.81338	0.26486
0.427 - 0.558	0.48951	0.54395	0.43094	0.34157	1.85573	-1.44120
0.295 - 0.427	0.36756	0.41607	0.30229	0.48741	1.69572	-1.71804
0.164 - 0.295	0.21101	0.28578	0.16619	0.29589	1.63467	-1.22281
0.033 - 0.164	0.09765	0.16229	0.03835	0.17757	1.39090	-1.51040
-0.098 - 0.033	-0.03289	0.01787	-0.09648	-0.18970	1.20060	-1.39504
-0.230 - 0.098	-0.17139	-0.11296	-0.22751	-0.19919	2.14157	-2.12003
-0.361 - 0.230	-0.31208	-0.23067	-0.35976	-0.33013	1.13984	-2.12353
-0.492 - 0.361	-0.42660	-0.36221	-0.48745	-0.55440	1.06828	-2.03918
-0.624 - 0.492	-0.56061	-0.49954	-0.61914	-0.64776	1.27810	-2.12003
-0.755 - 0.624	-0.68290	-0.63005	-0.75275	-0.70438	0.55336	-2.14837
-0.886 - 0.755	-0.80381	-0.76384	-0.86968	-0.82593	0.64939	-1.66099
-1.017 - 0.886	-0.92404	-0.89740	-0.97770	-1.46424	-0.38093	-2.12353
-1.149 - 1.017	-1.09006	-1.03146	-1.14866	-1.62914	-1.54033	-1.71795

Node=End Groups Score Distributions

Group=_OVERALL_ Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.371 - 1.511	1.47447	1.51068	1.43826	0.64045	1.35740	-0.07650
1.232 - 1.371	1.24795	1.26151	1.24071	1.23819	1.91976	0.07866
1.092 - 1.232	1.17770	1.21032	1.13944	1.00492	1.76112	-0.07723
0.953 - 1.092	1.02838	1.08642	0.95512	0.94221	1.74649	0.25818
0.813 - 0.953	0.88760	0.93783	0.82200	0.77570	2.53080	-1.33329
0.674 - 0.813	0.72810	0.77051	0.67837	1.12594	1.58573	-0.09493
0.534 - 0.674	0.60874	0.66799	0.56222	0.75438	1.93737	-0.43311
0.395 - 0.534	0.44828	0.52913	0.39507	0.50791	1.85573	-1.71804
0.255 - 0.395	0.31849	0.39241	0.25719	0.52623	1.67589	-1.37563
0.116 - 0.255	0.18180	0.25369	0.11737	0.16025	1.54226	-1.45147
-0.024 - 0.116	0.04710	0.11128	-0.02341	0.04581	2.14157	-1.68223
-0.164 - 0.024	-0.08530	-0.02422	-0.15760	0.02784	1.53402	-1.36958
-0.303 - 0.164	-0.23380	-0.16675	-0.29642	-0.28917	1.40120	-2.12353
-0.443 - 0.303	-0.36736	-0.30458	-0.44201	-0.34639	1.15516	-2.03918
-0.582 - 0.443	-0.51406	-0.45208	-0.57311	-0.77428	1.27810	-2.12003
-0.722 - 0.582	-0.65074	-0.59358	-0.71624	-0.62252	0.51216	-2.11306
-0.861 - 0.722	-0.78901	-0.72655	-0.82564	-1.16803	0.55336	-2.14837
-1.001 - 0.861	-0.90508	-0.86873	-0.96058	-1.25312	-0.38093	-1.71795
-1.140 - 1.001	-1.03311	-1.01830	-1.04792	-0.41957	-0.03051	-0.80863
-1.280 - 1.140	-1.27966	-1.27966	-1.54033	-1.54033	-1.54033	-1.54033

Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	345
2	^(fold_=2)	345
3	^(fold_=3)	342
4	^(fold_=4)	342
5	^(fold_=5)	345
6	^(fold_=6)	343
7	^(fold_=7)	349
8	^(fold_=8)	340

SAS Enterprise Miner Report

Node=Model Import GradBoost Tuned 1 Summary

Node id = Mdllmp9
 Node label = Model Import GradBoost Tuned 1
 Meta path = Ids => Trans => Grp9 => Boost7 => EndGrp9 => Mdllmp9
 Notes =

Node=Model Import GradBoost Tuned 1 Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import GradBoost Tuned 1 Variable Summary

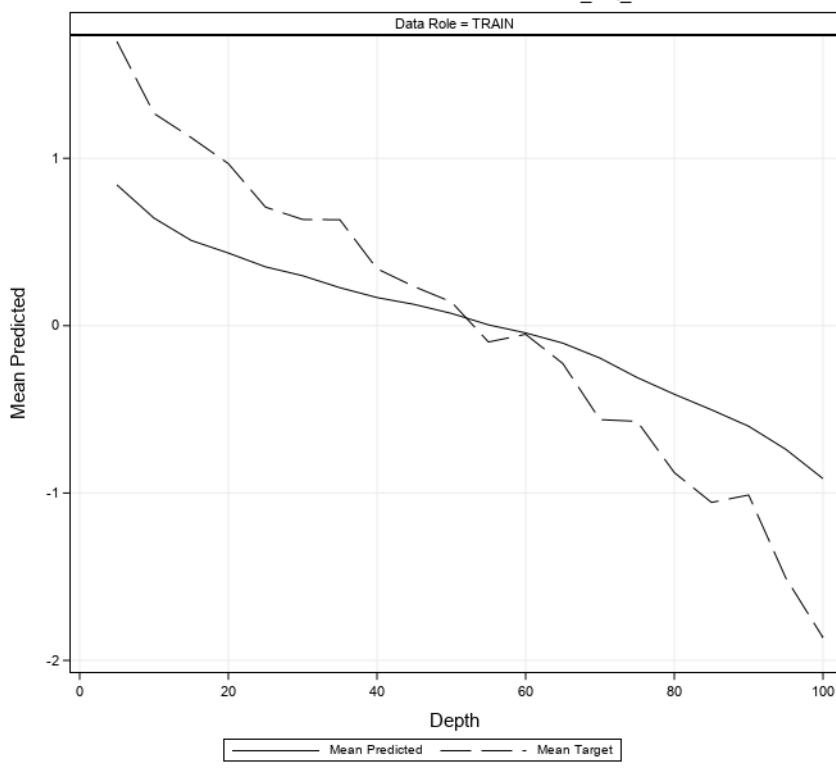
Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Node=Model Import GradBoost Tuned 1 Model Fit Statistics

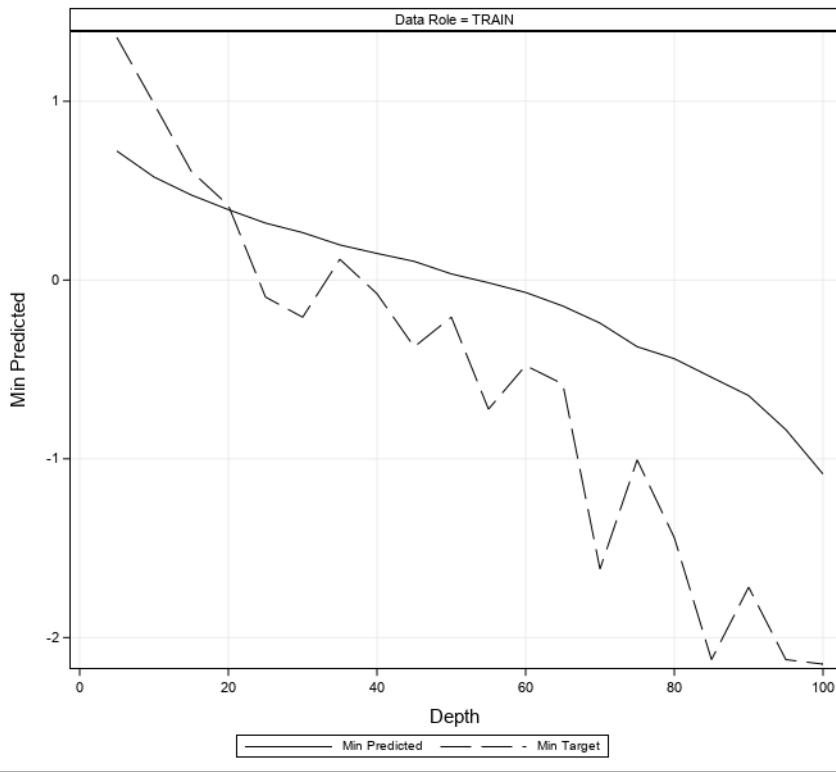
Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.375	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.149	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.612	.	.
Sum of Squared Errors	147.381	.	.

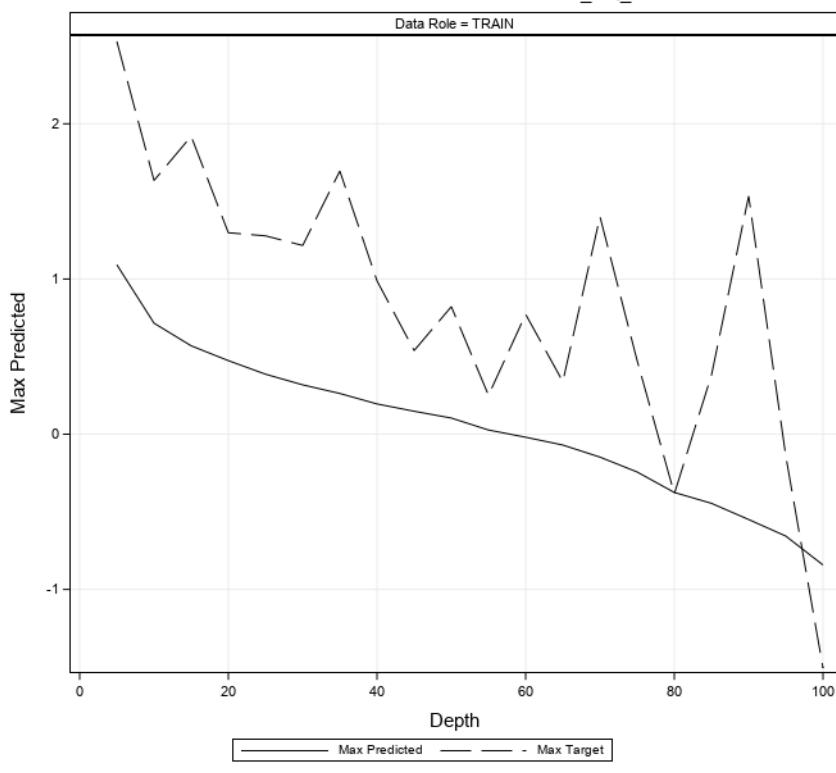
SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 1
Model Assessment Scores where TARGET='BC_RQ_Total'



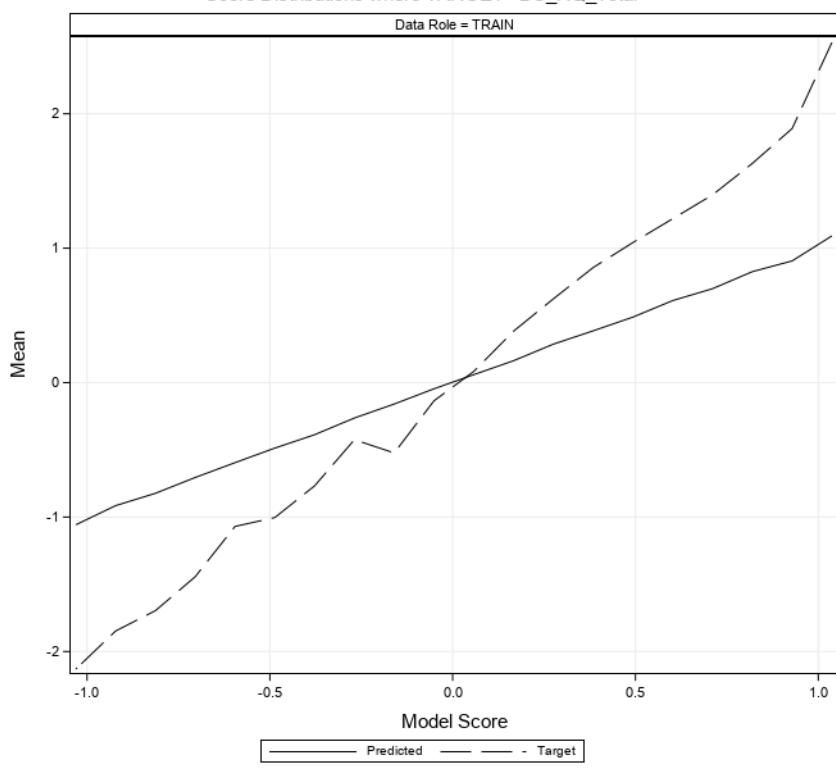
SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 1
Model Assessment Scores where TARGET='BC_RQ_Total'

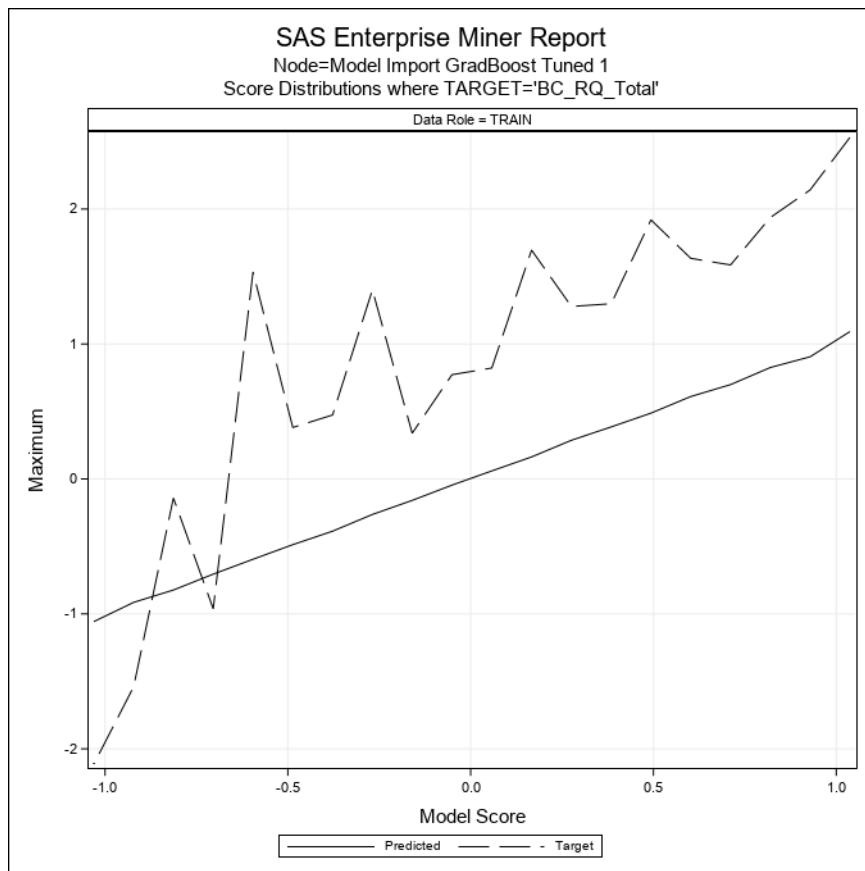


SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 1
Model Assessment Scores where TARGET='BC_RQ_Total'



SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 1
Score Distributions where TARGET='BC_RQ_Total'





Node=Model Import GradBoost Tuned 1
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.983 - 1.092	1.09184	1.09184	1.09184	2.53080	2.53080	2.53080
0.874 - 0.983	0.90532	0.91647	0.89589	1.89000	2.14157	1.71506
0.765 - 0.874	0.82561	0.87389	0.76660	1.63075	1.93737	1.35740
0.656 - 0.765	0.69898	0.74176	0.66433	1.39673	1.58573	1.01263
0.548 - 0.656	0.61055	0.65564	0.56251	1.21947	1.63467	0.98677
0.439 - 0.548	0.48766	0.54275	0.44188	1.04231	1.91976	0.44077
0.330 - 0.439	0.38541	0.42952	0.33788	0.85598	1.29809	-0.09493
0.221 - 0.330	0.28640	0.32867	0.22719	0.62332	1.27810	-0.20799
0.112 - 0.221	0.16303	0.21809	0.11914	0.38289	1.69572	-0.33564
0.003 - 0.112	0.05942	0.11222	0.00565	0.08344	0.82183	-0.37386
-0.105 - 0.003	-0.04584	0.00293	-0.09958	-0.13522	0.77259	-0.72223
-0.214 - -0.105	-0.15913	-0.11705	-0.20944	-0.52292	0.33873	-1.61674
-0.323 - -0.214	-0.26325	-0.21474	-0.31571	-0.42452	1.40120	-0.88221
-0.432 - -0.323	-0.38719	-0.33224	-0.43192	-0.76782	0.47402	-1.22281
-0.541 - -0.432	-0.48693	-0.43386	-0.53726	-1.00354	0.38121	-1.71795
-0.650 - -0.541	-0.59532	-0.54093	-0.64637	-1.06983	1.53402	-2.12353
-0.759 - -0.650	-0.70546	-0.65636	-0.75722	-1.44367	-0.96273	-1.71630
-0.867 - -0.759	-0.82322	-0.76940	-0.86694	-1.69623	-0.14129	-2.12353
-0.976 - -0.867	-0.91471	-0.87147	-0.97372	-1.84740	-1.54033	-2.12003
-1.085 - -0.976	-1.05725	-1.02943	-1.08507	-2.13071	-2.11306	-2.14837

SAS Enterprise Miner Report

Node=Model Import Neural one Summary

Node id = Mdllmp3
 Node label = Model Import Neural one
 Meta path = Ids => Trans => Grp3 => HPNNA3 => EndGrp3 => Mdllmp3
 Notes =

Node=Model Import Neural one Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import Neural one Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	23	ASltot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Node=Model Import Neural one Model Fit Statistics

Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

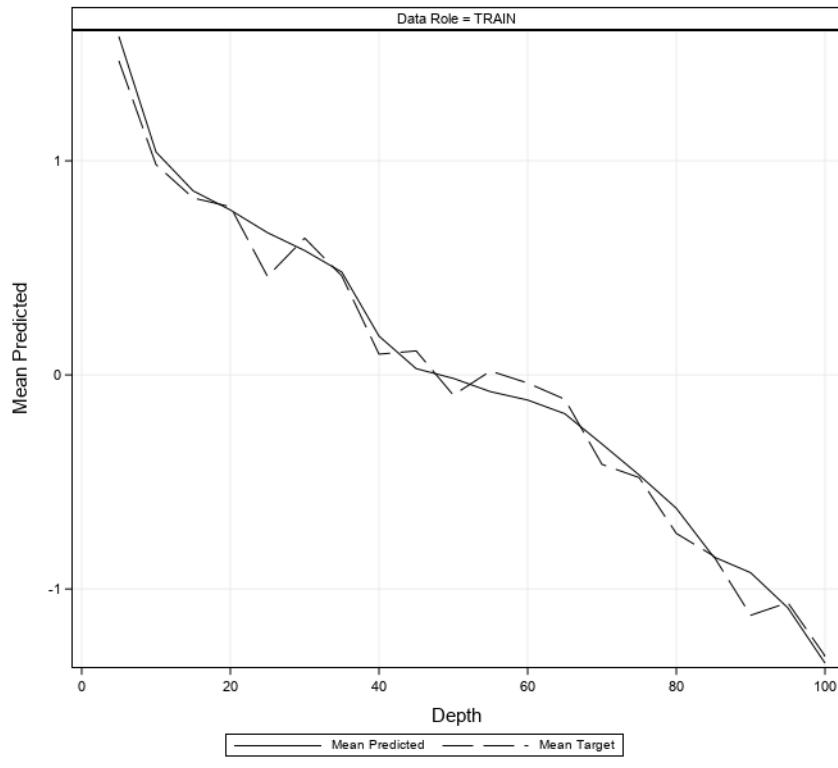
Label of Statistic	Train	Validation	Test
Average Squared Error	0.455	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.126	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.674	.	.
Sum of Squared Errors	178.794	.	.

SAS Enterprise Miner Report

Node=Model Import Neural one

Model Assessment Scores where TARGET='BC_RQ_Total'

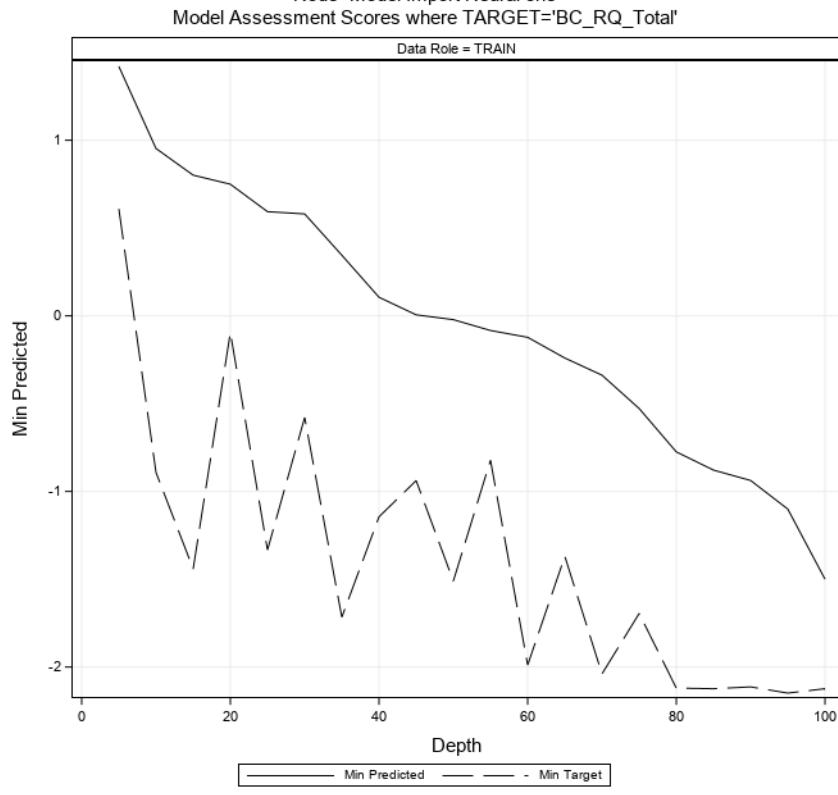
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Model Import Neural one

Model Assessment Scores where TARGET='BC_RQ_Total'

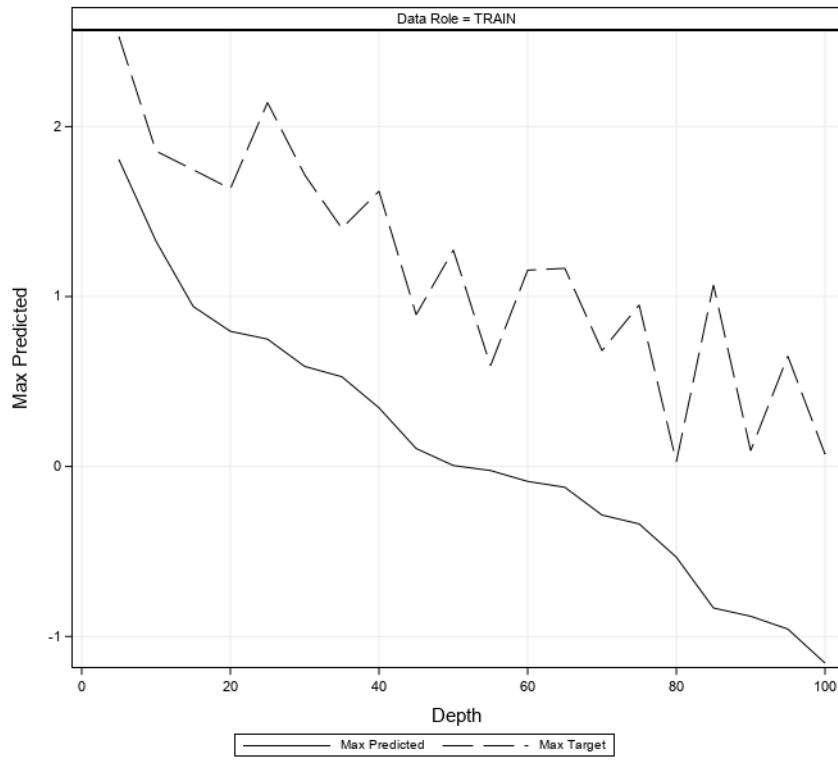
Data Role = TRAIN



SAS Enterprise Miner Report

Node=Model Import Neural one
Model Assessment Scores where TARGET='BC_RQ_Total'

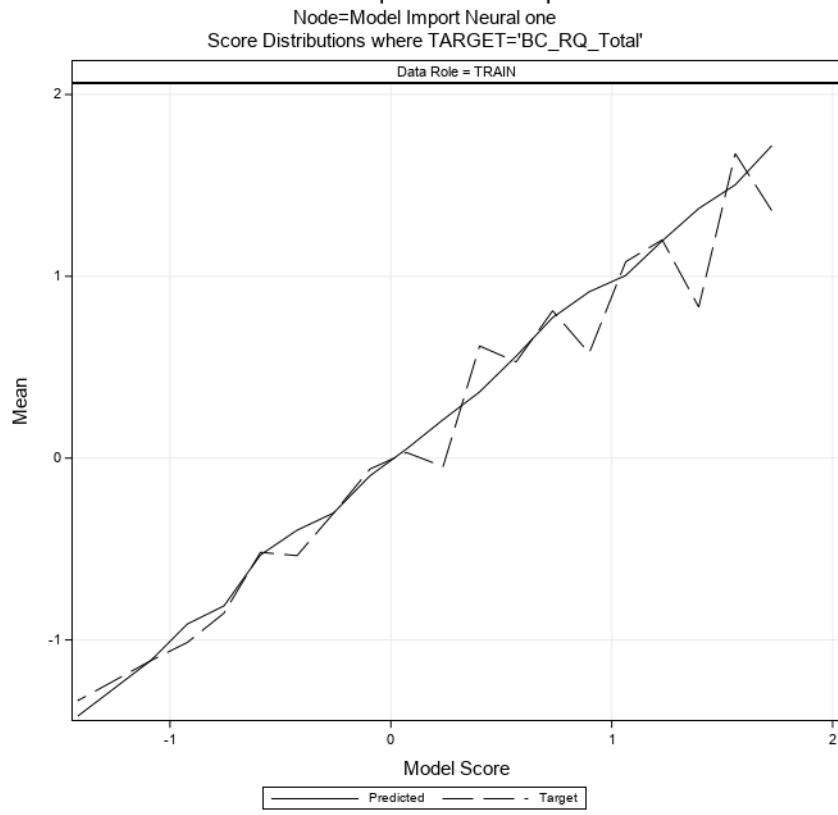
Data Role = TRAIN



SAS Enterprise Miner Report

Node=Model Import Neural one
Score Distributions where TARGET='BC_RQ_Total'

Data Role = TRAIN





Node=Model Import Neural one
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.642 - 1.807	1.71836	1.80706	1.66928	1.36156	1.93737	0.61566
1.476 - 1.642	1.50338	1.56083	1.49617	1.67503	2.53080	1.35740
1.311 - 1.476	1.37307	1.42054	1.32559	0.83075	1.08830	0.60913
1.146 - 1.311	1.19505	1.19505	1.19505	1.20060	1.20060	1.20060
0.980 - 1.146	1.00471	1.02066	0.99898	1.07996	1.85573	-0.89192
0.815 - 0.980	0.91479	0.95303	0.87946	0.57735	1.54488	-1.44120
0.650 - 0.815	0.77304	0.80130	0.74107	0.81034	2.14157	-1.33329
0.484 - 0.650	0.56085	0.60813	0.50124	0.52940	1.71614	-1.71630
0.319 - 0.484	0.36425	0.46364	0.33532	0.61682	1.62035	-0.43311
0.154 - 0.319	0.21142	0.29521	0.15592	-0.04628	0.52651	-1.04319
-0.012 - 0.154	0.05036	0.15174	-0.00348	0.03073	0.89321	-1.14449
-0.177 - -0.012	-0.09696	-0.02169	-0.16057	-0.06002	1.27377	-1.98839
-0.342 - -0.177	-0.30187	-0.19558	-0.33790	-0.30347	0.68168	-2.03918
-0.508 - -0.342	-0.39674	-0.37246	-0.49051	-0.53647	-0.18467	-1.54517
-0.673 - -0.508	-0.53262	-0.52625	-0.58696	-0.51811	0.95030	-2.12003
-0.838 - -0.673	-0.81298	-0.71901	-0.83263	-0.85311	1.06828	-2.00400
-1.004 - -0.838	-0.91233	-0.87529	-0.99019	-1.01358	0.93883	-2.12353
-1.169 - -1.004	-1.11285	-1.10064	-1.15683	-1.11383	0.64939	-2.14837
-1.500 - -1.334	-1.41895	-1.36965	-1.49974	-1.33397	0.07301	-2.12353

SAS Enterprise Miner Report

Node=Model Import GradBoost Tuned 2 Summary

Node id = Mdllmp7
 Node label = Model Import GradBoost Tuned 2
 Meta path = Ids => Trans => Grp10 => Boost4 => EndGrp10 => Mdllmp7
 Notes =

Node=Model Import GradBoost Tuned 2 Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

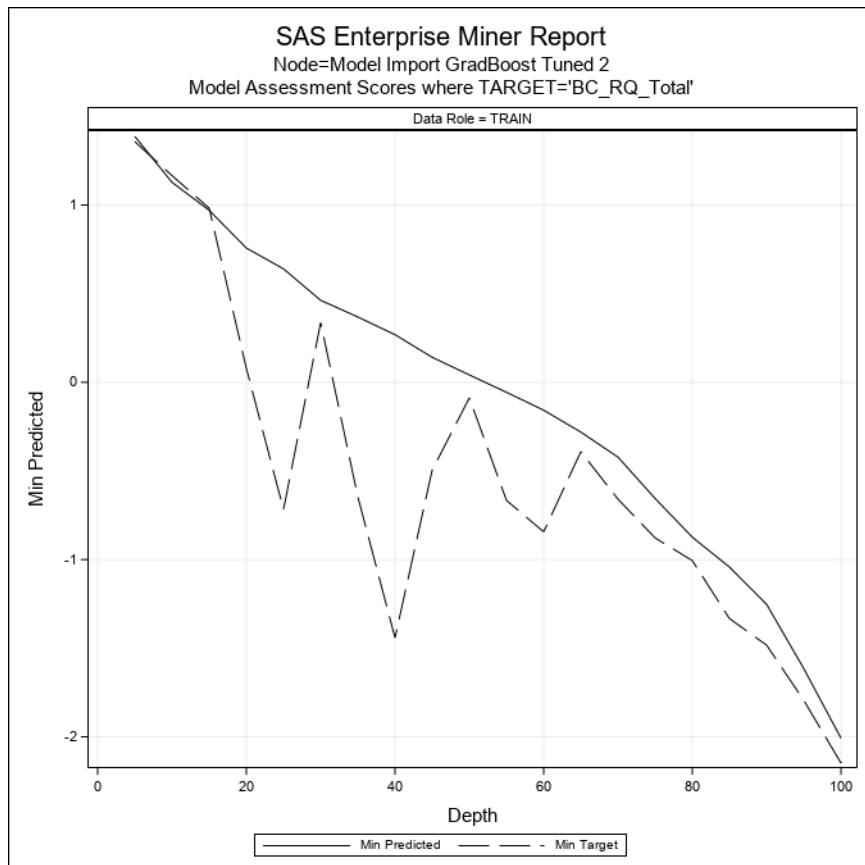
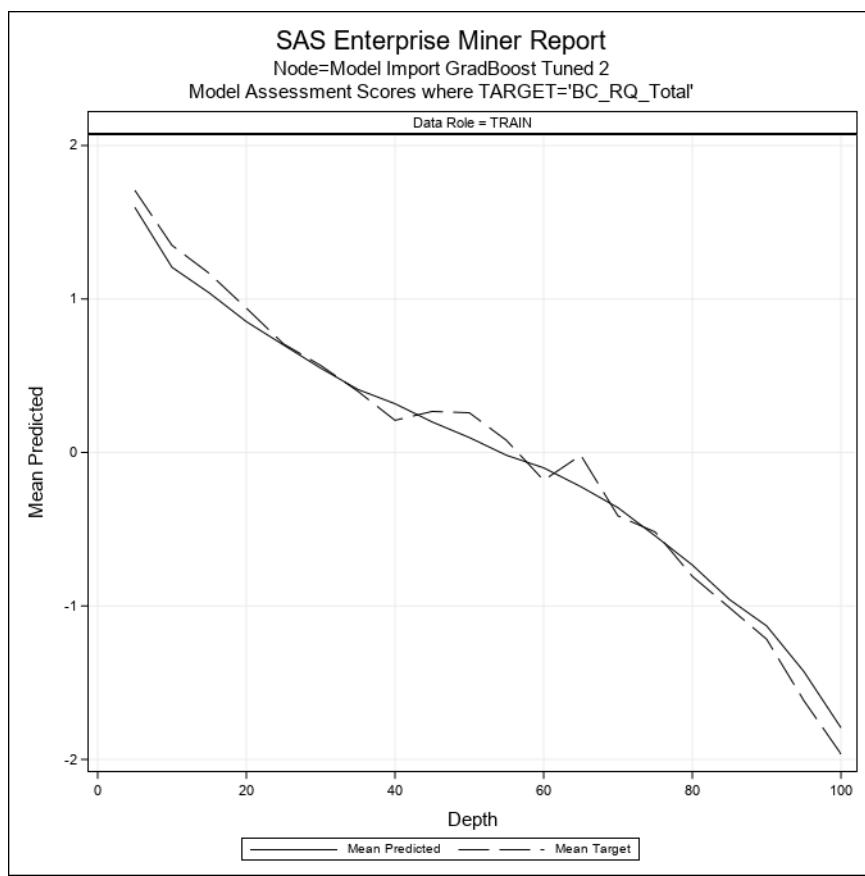
Node=Model Import GradBoost Tuned 2 Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

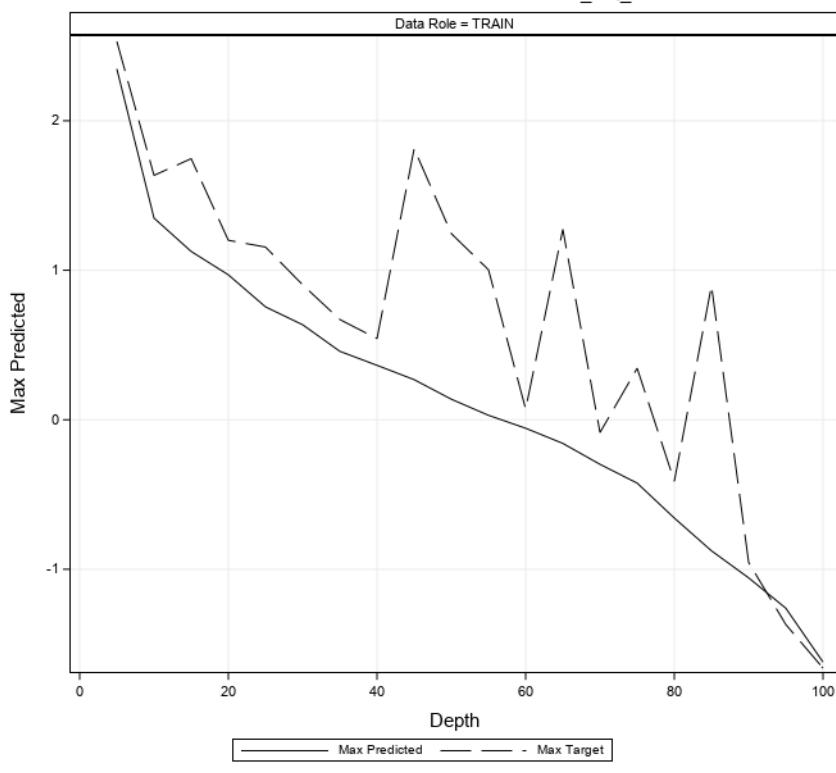
Node=Model Import GradBoost Tuned 2 Model Fit Statistics

Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

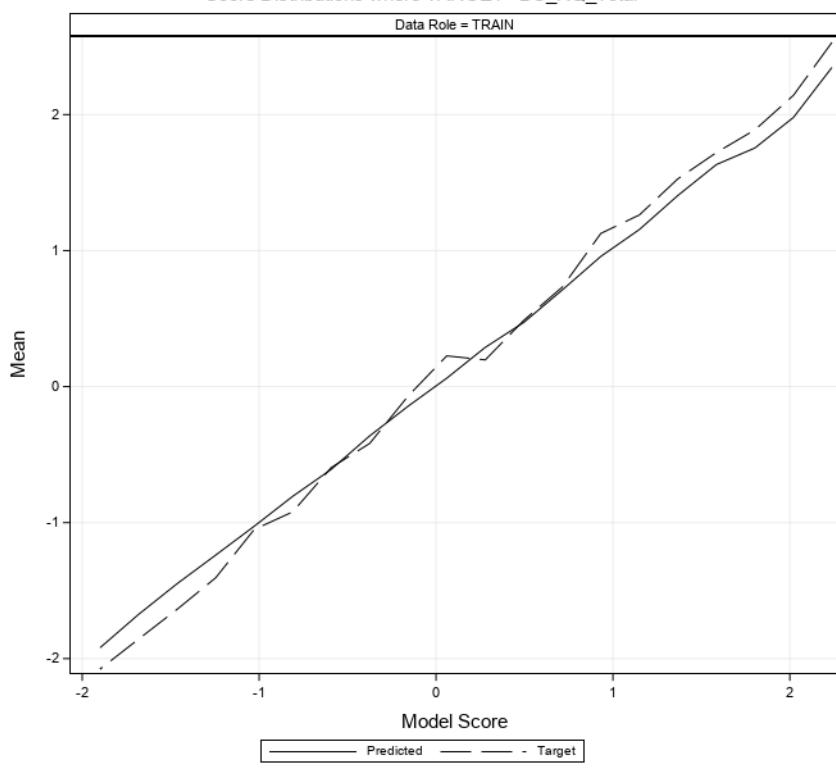
Label of Statistic	Train	Validation	Test
Average Squared Error	0.163	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	1.981	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.404	.	.
Sum of Squared Errors	63.995	.	.

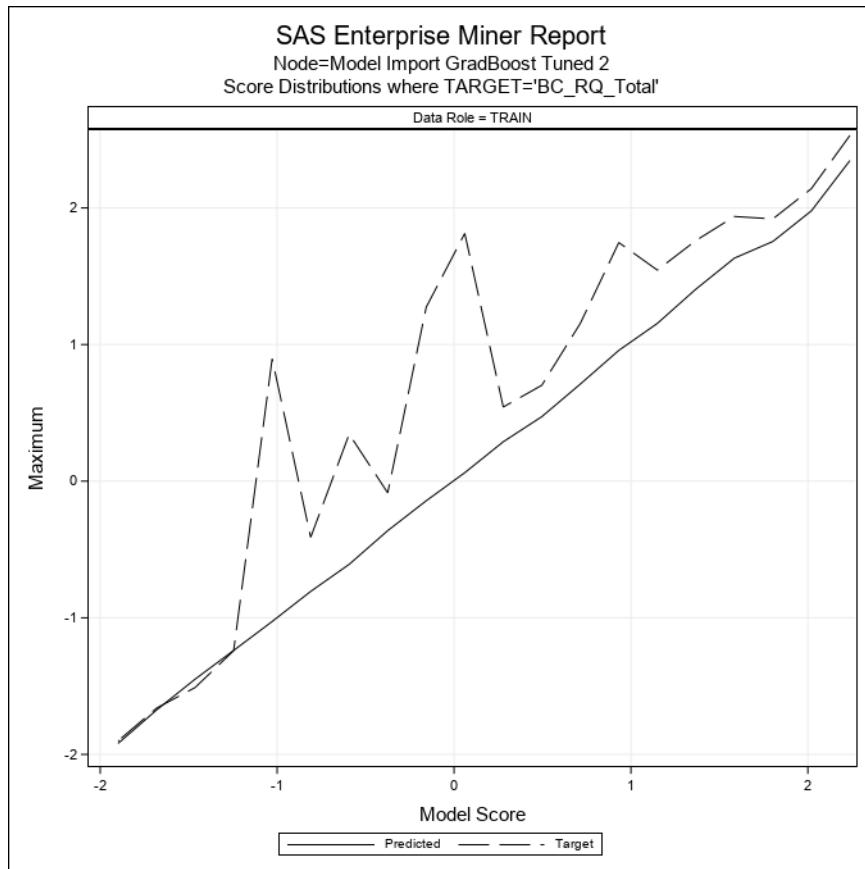


SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 2
Model Assessment Scores where TARGET='BC_RQ_Total'



SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 2
Score Distributions where TARGET='BC_RQ_Total'





Node=Model Import GradBoost Tuned 2
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.129 - 2.347	2.34683	2.34683	2.34683	2.53080	2.53080	2.53080
1.911 - 2.129	1.97890	1.97890	1.97890	2.14157	2.14157	2.14157
1.694 - 1.911	1.75455	1.80510	1.70400	1.88775	1.91976	1.85573
1.476 - 1.694	1.63246	1.69072	1.54595	1.72073	1.93737	1.62835
1.258 - 1.476	1.40532	1.47305	1.28554	1.52773	1.76112	1.35740
1.040 - 1.258	1.15470	1.25613	1.05763	1.26207	1.54488	0.98677
0.823 - 1.040	0.95729	1.03671	0.82623	1.12625	1.74649	0.83823
0.605 - 0.823	0.71067	0.81312	0.60802	0.73187	1.15516	-0.71719
0.387 - 0.605	0.47200	0.58715	0.38753	0.48730	0.70185	0.02670
0.169 - 0.387	0.28855	0.37650	0.17033	0.19632	0.54283	-1.44120
-0.048 - 0.169	0.06192	0.15841	-0.04796	0.22585	1.81338	-0.20799
-0.266 - -0.048	-0.14342	-0.05157	-0.25798	-0.06846	1.27377	-0.84384
-0.484 - -0.266	-0.36217	-0.27922	-0.45215	-0.41774	-0.08552	-0.65958
-0.702 - -0.484	-0.60861	-0.48712	-0.70024	-0.59560	0.34447	-0.89192
-0.919 - -0.702	-0.80700	-0.72200	-0.91441	-0.92112	-0.41118	-1.31134
-1.137 - -0.919	-1.02717	-0.92140	-1.11792	-1.05094	0.89675	-1.33329
-1.355 - -1.137	-1.23910	-1.15693	-1.33382	-1.40607	-1.24107	-1.68223
-1.573 - -1.355	-1.44914	-1.35682	-1.56156	-1.63748	-1.51040	-1.72334
-1.790 - -1.573	-1.67474	-1.61558	-1.76128	-1.85647	-1.66099	-2.03918
-2.008 - -1.790	-1.91985	-1.83529	-2.00799	-2.07700	-1.90123	-2.14837

SAS Enterprise Miner Report

Node=Model Import Neural two Summary

Node id = Mdllmp4
 Node label = Model Import Neural two
 Meta path = Ids => Trans => Grp4 => HPNNA4 => EndGrp4 => Mdllmp4
 Notes =

Node=Model Import Neural two Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import Neural two Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

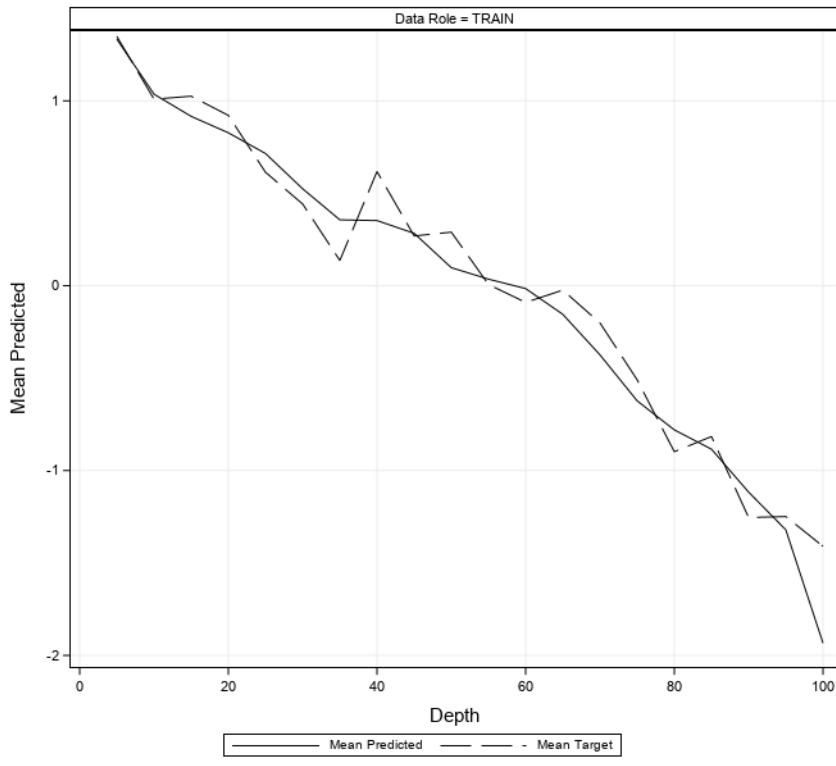
Node=Model Import Neural two Model Fit Statistics

Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.492	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	3.923	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.702	.	.
Sum of Squared Errors	193.408	.	.

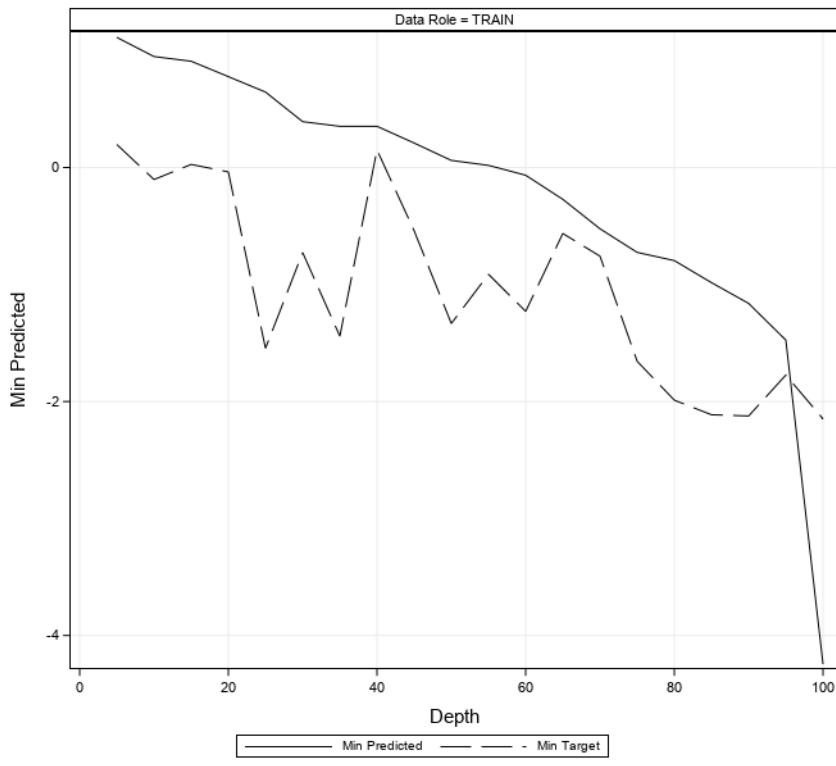
SAS Enterprise Miner Report
Node=Model Import Neural two
Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN



SAS Enterprise Miner Report
Node=Model Import Neural two
Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

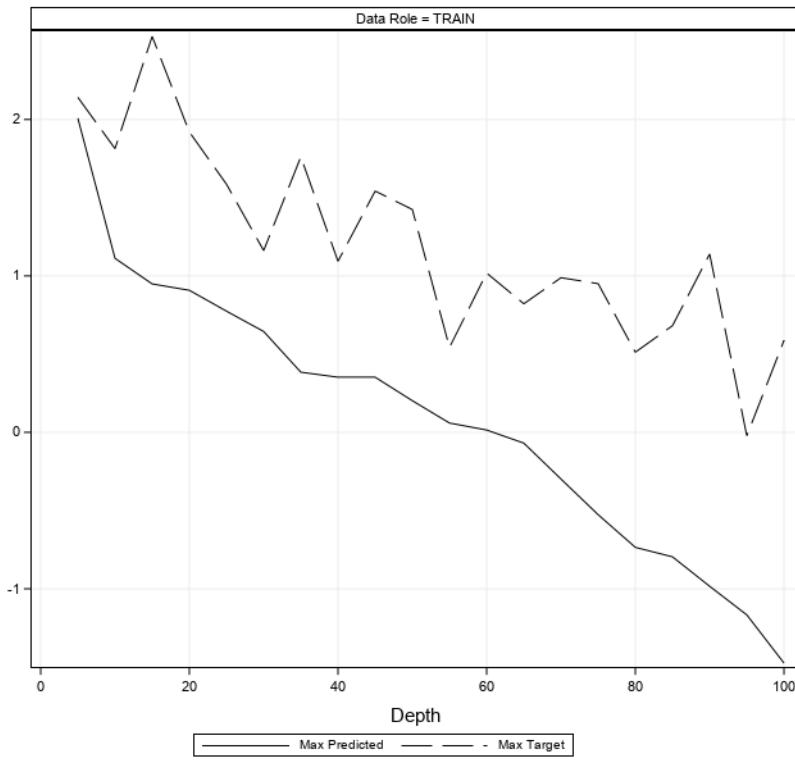


SAS Enterprise Miner Report

Node=Model Import Neural two
Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

Max Predicted



Depth

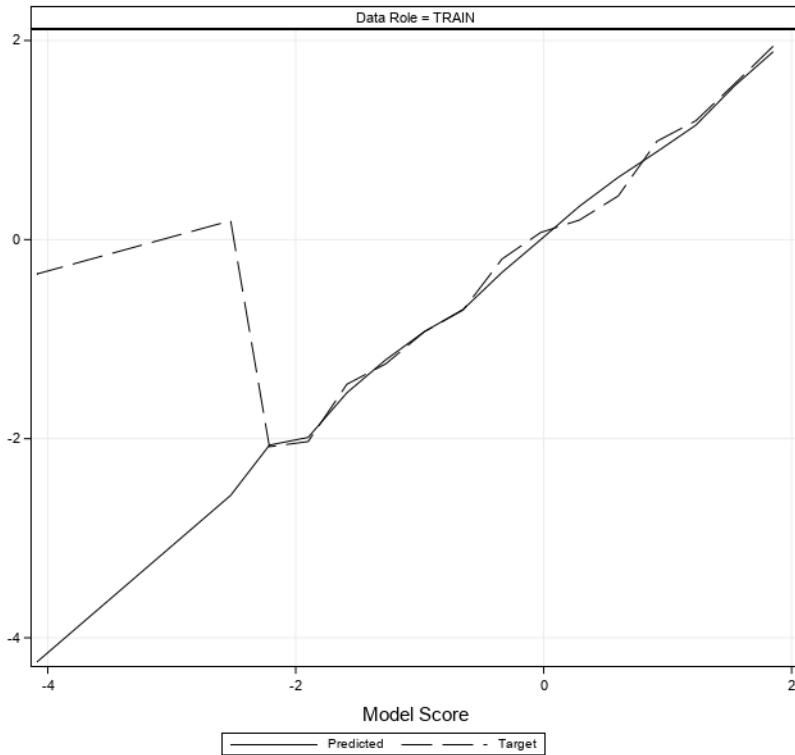
— Max Predicted — - Max Target

SAS Enterprise Miner Report

Node=Model Import Neural two
Score Distributions where TARGET='BC_RQ_Total'

Data Role = TRAIN

Mean



Model Score

— Predicted — - Target



Node=Model Import Neural two
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.695 - 2.008	1.88803	2.00810	1.76797	1.94403	2.14157	1.74649
1.383 - 1.695	1.54484	1.67145	1.44655	1.56395	1.85573	1.27273
1.070 - 1.383	1.14927	1.37854	1.07457	1.19368	1.71614	0.19702
0.758 - 1.070	0.88303	1.05504	0.75979	0.98847	2.53080	-0.10239
0.445 - 0.758	0.62573	0.73405	0.44907	0.43840	1.39377	-1.54517
0.132 - 0.445	0.33533	0.44108	0.18560	0.19664	1.76112	-1.44120
-0.180 - 0.132	-0.00001	0.12324	-0.17860	0.07163	1.42447	-1.33329
-0.493 - -0.180	-0.32986	-0.18384	-0.46325	-0.19542	0.98831	-0.75757
-0.806 - -0.493	-0.70111	-0.49610	-0.80153	-0.70668	0.95030	-1.98839
-1.118 - -0.806	-0.92400	-0.83188	-1.02662	-0.92485	0.68168	-2.11306
-1.431 - -1.118	-1.20819	-1.14385	-1.42765	-1.24894	1.13984	-2.12353
-1.743 - -1.431	-1.53851	-1.43496	-1.71444	-1.45297	0.05719	-2.12003
-2.056 - -1.743	-1.98708	-1.93190	-2.03084	-2.02903	-1.93471	-2.14837
-2.369 - -2.056	-2.06504	-2.06329	-2.06680	-2.08136	-2.03918	-2.12353
-2.681 - -2.369	-2.56978	-2.49719	-2.64238	0.18994	0.58742	-0.20754
-4.244 - -3.932	-4.24437	-4.24437	-4.24437	-0.34565	-0.34565	-0.34565

SAS Enterprise Miner Report

Node=Model Import GradBoost Tuned 4 Summary

Node id = Mdllmp11
 Node label = Model Import GradBoost Tuned 4
 Meta path = Ids => Trans => Grp12 => Boost6 => EndGrp12 => Mdllmp11
 Notes =

Node=Model Import GradBoost Tuned 4 Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

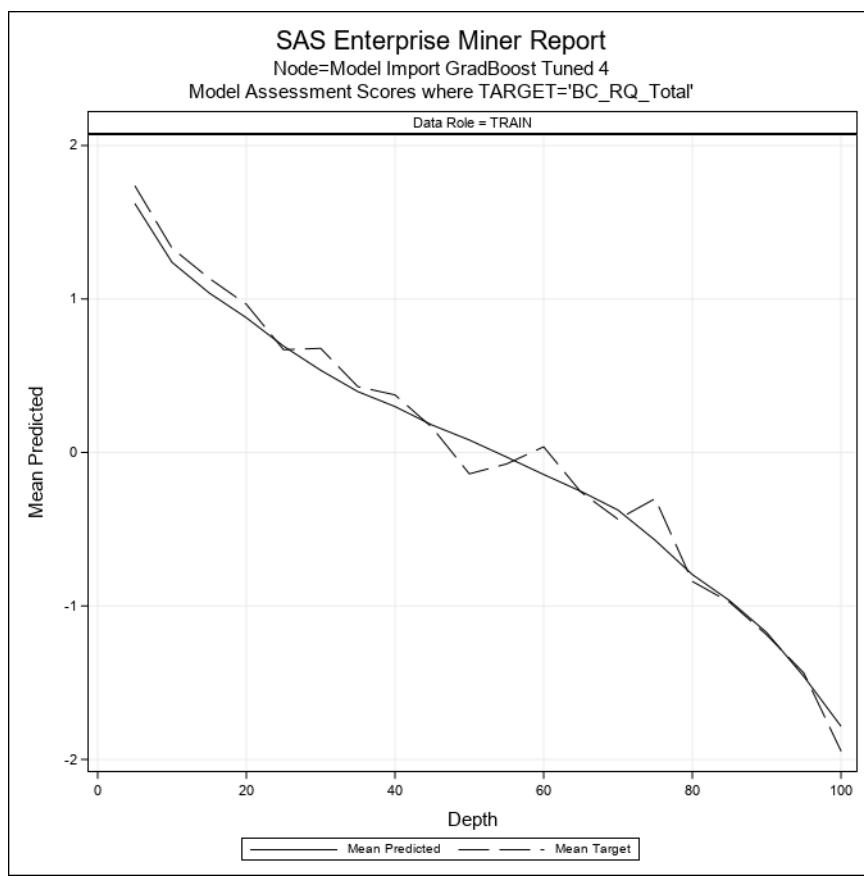
Node=Model Import GradBoost Tuned 4 Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

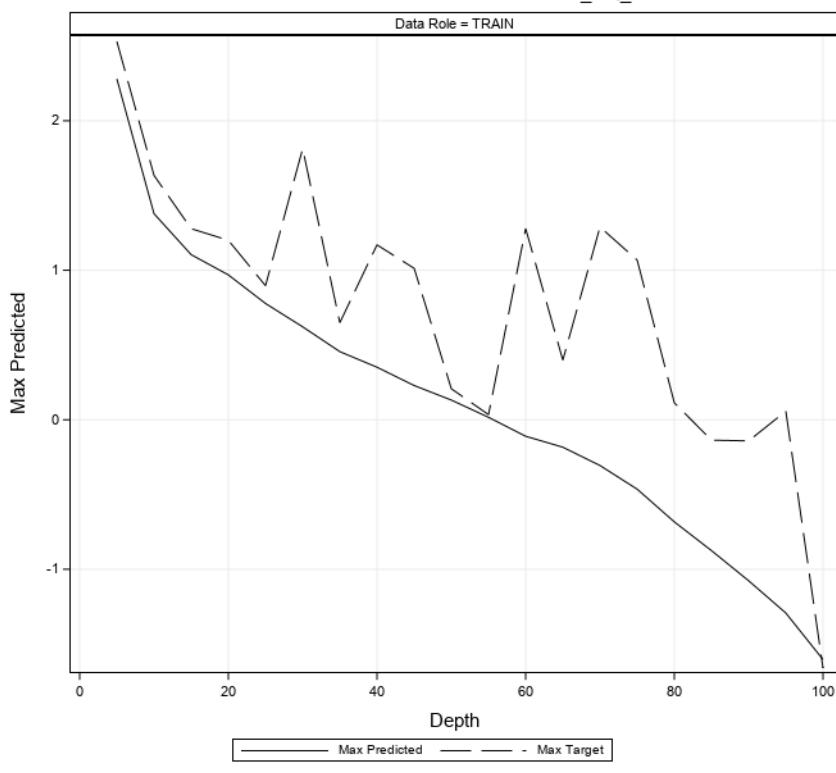
Node=Model Import GradBoost Tuned 4 Model Fit Statistics

Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

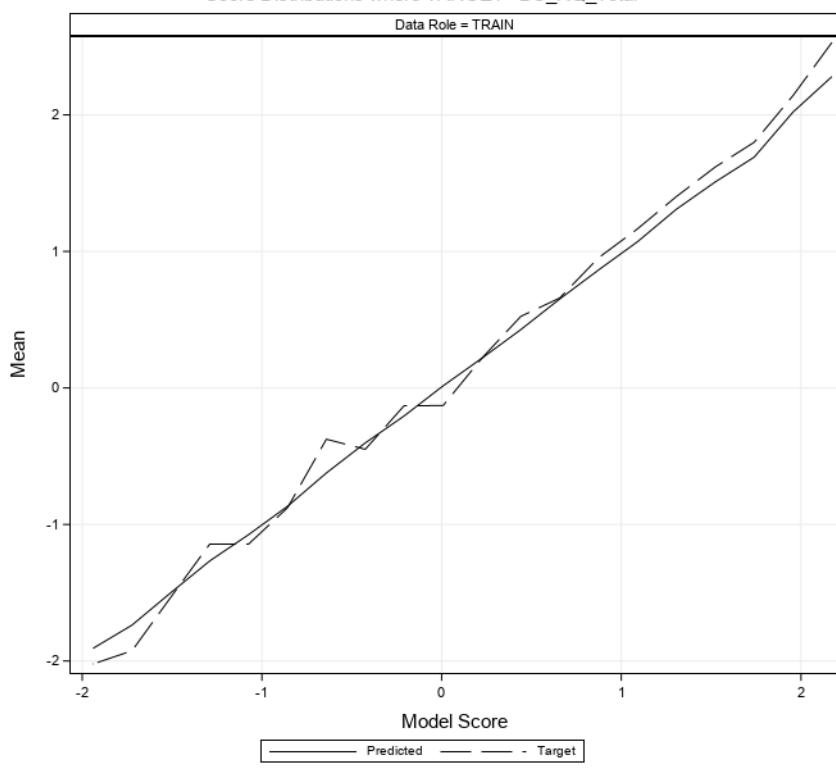
Label of Statistic	Train	Validation	Test
Average Squared Error	0.102	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.424	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.320	.	.
Sum of Squared Errors	40.183	.	.

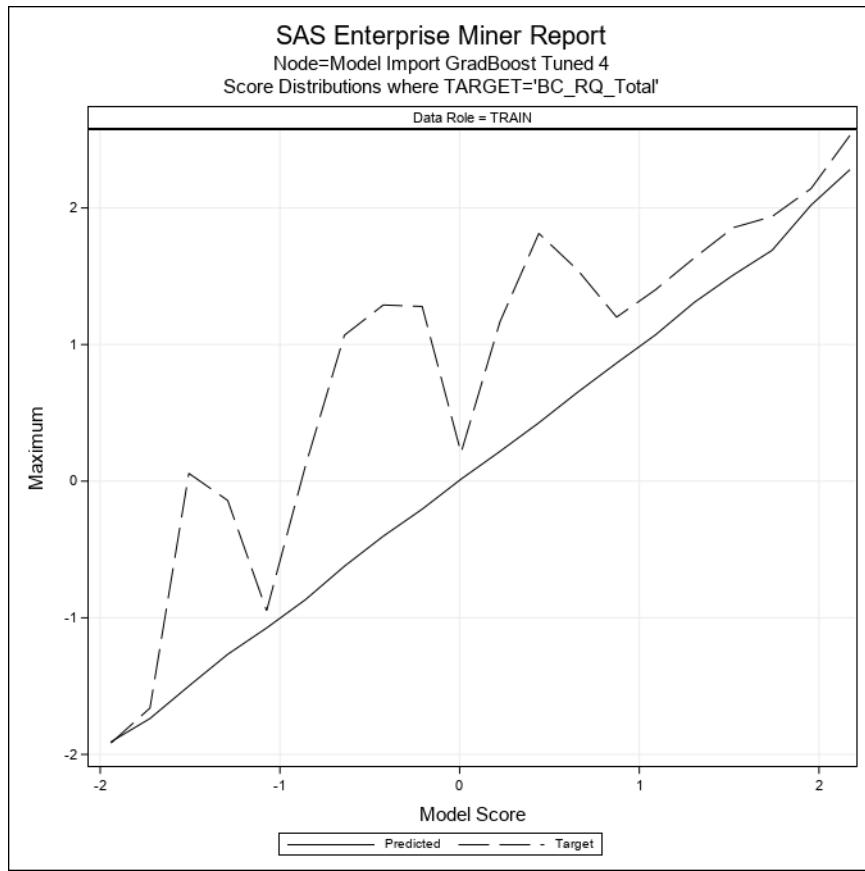


SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 4
Model Assessment Scores where TARGET='BC_RQ_Total'



SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 4
Score Distributions where TARGET='BC_RQ_Total'





Node=Model Import GradBoost Tuned 4
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.064 - 2.280	2.28037	2.28037	2.28037	2.53080	2.53080	2.53080
1.848 - 2.064	2.02059	2.02059	2.02059	2.14157	2.14157	2.14157
1.631 - 1.848	1.69021	1.80505	1.63912	1.79932	1.93737	1.71506
1.415 - 1.631	1.50884	1.61101	1.43223	1.61826	1.85573	1.49995
1.198 - 1.415	1.30913	1.39857	1.22627	1.40172	1.63467	1.24519
0.982 - 1.198	1.07090	1.19167	0.98557	1.16523	1.40120	0.98677
0.765 - 0.982	0.86449	0.96908	0.77190	0.95365	1.20060	0.78645
0.549 - 0.765	0.65140	0.76525	0.55867	0.65885	1.54488	-0.57888
0.333 - 0.549	0.42734	0.54822	0.33769	0.52418	1.81338	0.25818
0.116 - 0.333	0.21788	0.32656	0.11850	0.21858	1.16606	-1.45147
-0.100 - 0.116	0.01491	0.10717	-0.08927	-0.12961	0.20746	-2.12353
-0.317 - -0.100	-0.20501	-0.11034	-0.31270	-0.12993	1.27892	-0.72223
-0.533 - -0.317	-0.40268	-0.32931	-0.51746	-0.44945	1.28937	-1.61674
-0.749 - -0.533	-0.62277	-0.53820	-0.74051	-0.37538	1.06828	-0.88221
-0.966 - -0.749	-0.86696	-0.75991	-0.96178	-0.87771	0.11352	-1.58791
-1.182 - -0.966	-1.07447	-0.97118	-1.16937	-1.14354	-0.94838	-1.33329
-1.399 - -1.182	-1.26718	-1.18679	-1.38908	-1.14378	-0.14129	-1.48341
-1.615 - -1.399	-1.49962	-1.39904	-1.60408	-1.53242	0.05719	-1.75125
-1.832 - -1.615	-1.73744	-1.63658	-1.83135	-1.92558	-1.66099	-2.14837
-2.048 - -1.832	-1.90735	-1.84107	-2.04796	-2.02179	-1.91626	-2.12353

SAS Enterprise Miner Report

Node=Model Import GradBoost Tuned 3 Summary

Node id = Mdllmp10
 Node label = Model Import GradBoost Tuned 3
 Meta path = Ids => Trans => Grp11 => Boost5 => EndGrp11 => Mdllmp10
 Notes =

Node=Model Import GradBoost Tuned 3 Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import GradBoost Tuned 3 Variable Summary

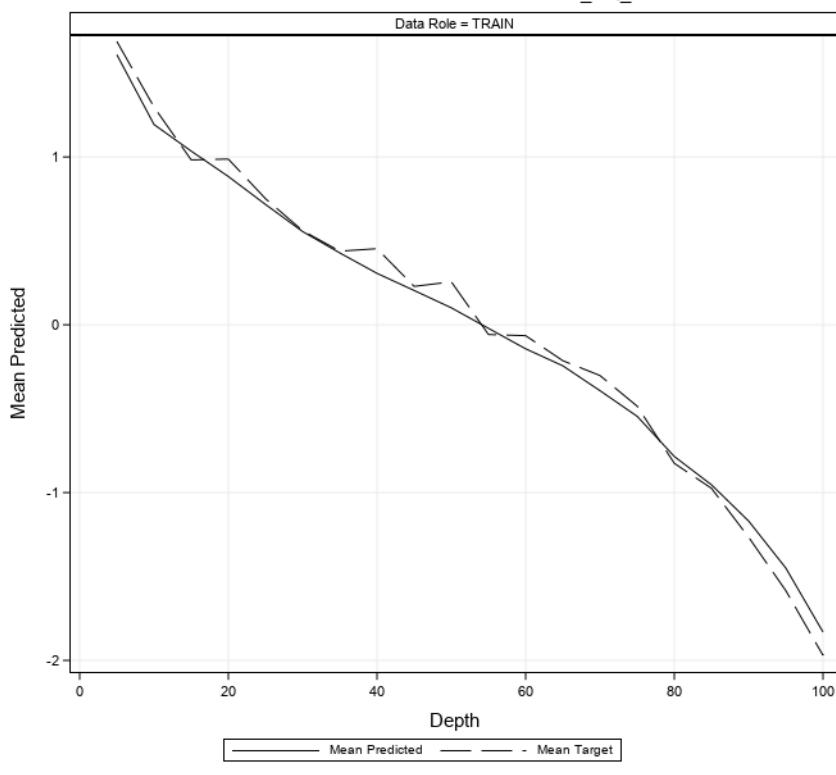
Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Node=Model Import GradBoost Tuned 3 Model Fit Statistics

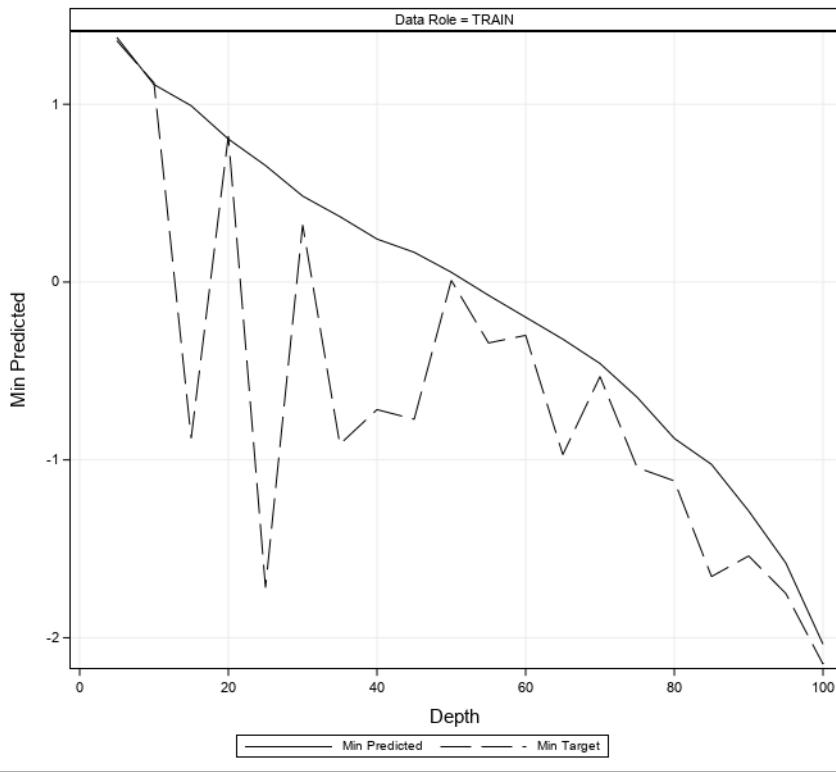
Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.138	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.579	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.372	.	.
Sum of Squared Errors	54.316	.	.

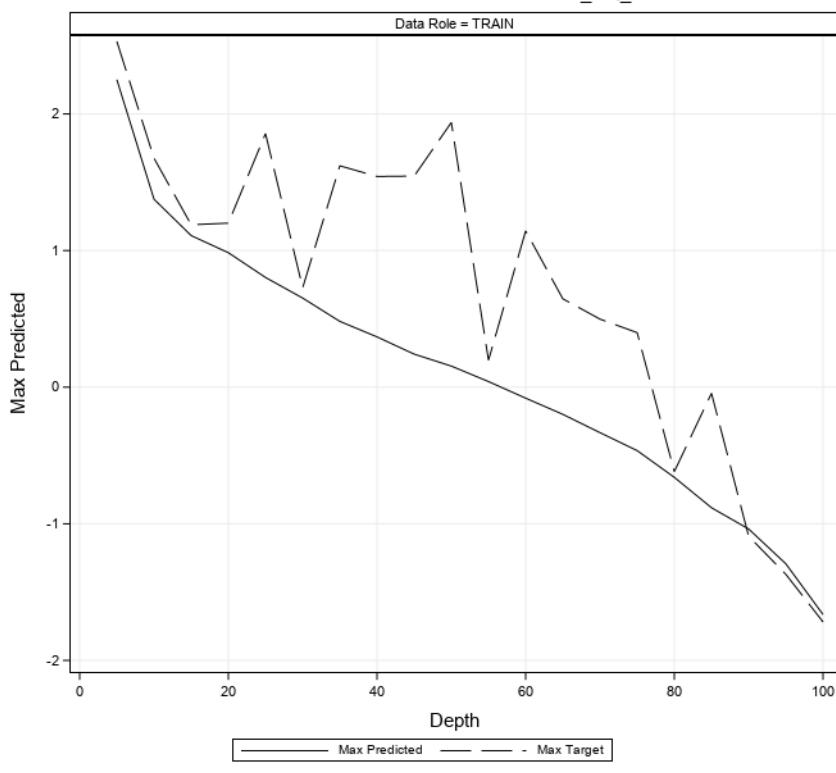
SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 3
Model Assessment Scores where TARGET='BC_RQ_Total'



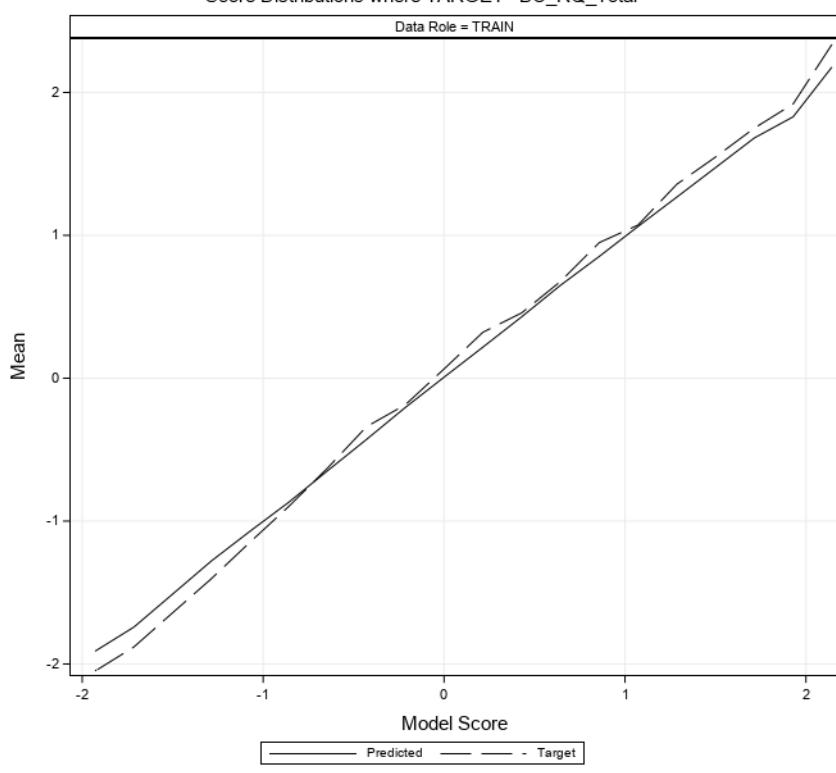
SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 3
Model Assessment Scores where TARGET='BC_RQ_Total'

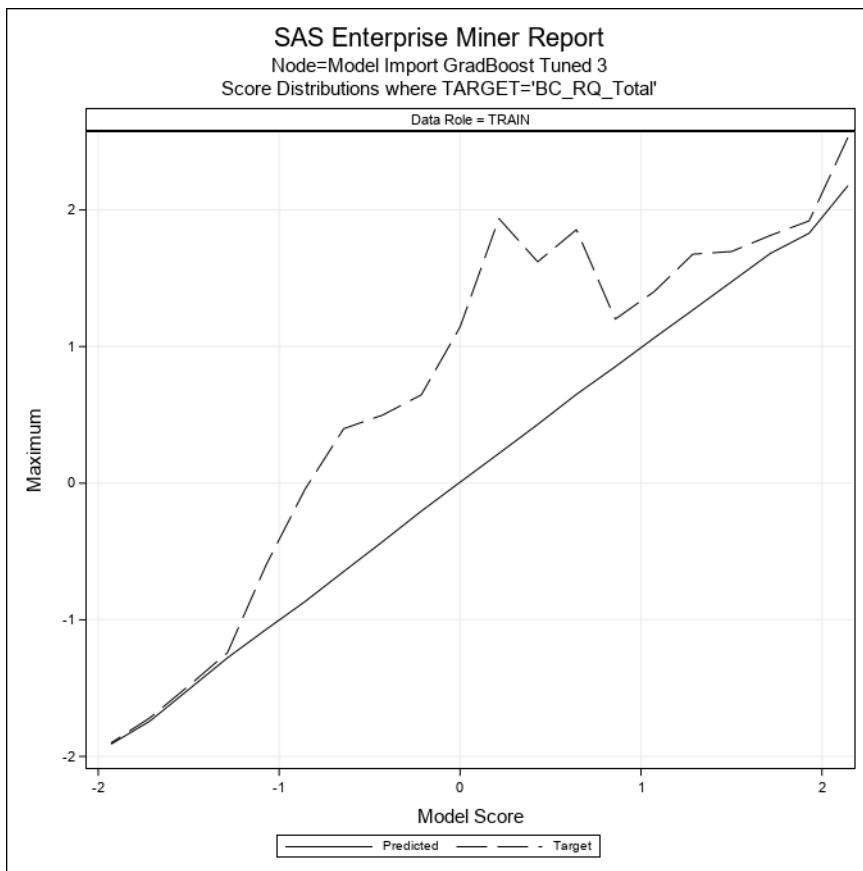


SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 3
Model Assessment Scores where TARGET='BC_RQ_Total'



SAS Enterprise Miner Report
Node=Model Import GradBoost Tuned 3
Score Distributions where TARGET='BC_RQ_Total'





Node=Model Import GradBoost Tuned 3
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.037 - 2.251	2.17765	2.25097	2.10433	2.33618	2.53080	2.14157
1.822 - 2.037	1.82950	1.82950	1.82950	1.91976	1.91976	1.91976
1.608 - 1.822	1.68164	1.73569	1.61722	1.75044	1.81338	1.71506
1.394 - 1.608	1.47435	1.60213	1.39405	1.54840	1.69572	1.35740
1.179 - 1.394	1.26757	1.37610	1.18511	1.35734	1.67589	1.21608
0.965 - 1.179	1.06226	1.15829	0.98004	1.07230	1.40120	-0.87824
0.750 - 0.965	0.85225	0.94513	0.75609	0.94881	1.20060	0.78645
0.536 - 0.750	0.65029	0.74890	0.53809	0.67718	1.85573	-1.71804
0.322 - 0.536	0.42985	0.52832	0.32275	0.45718	1.62035	-0.91229
0.107 - 0.322	0.21753	0.31806	0.11030	0.32174	1.93737	-0.77132
-0.107 - 0.107	0.00739	0.10578	-0.08365	0.06505	1.14395	-0.34228
-0.321 - -0.107	-0.20463	-0.11719	-0.32099	-0.18583	0.64683	-0.97047
-0.536 - -0.321	-0.42809	-0.33291	-0.52812	-0.33899	0.49819	-0.65958
-0.750 - -0.536	-0.64630	-0.54224	-0.74903	-0.62705	0.39902	-1.04319
-0.964 - -0.750	-0.86679	-0.76188	-0.95577	-0.89599	-0.04480	-1.65597
-1.179 - -0.964	-1.06991	-0.96805	-1.16756	-1.14620	-0.59748	-1.33329
-1.393 - -1.179	-1.27868	-1.17888	-1.39197	-1.40269	-1.24107	-1.61674
-1.607 - -1.393	-1.51067	-1.40842	-1.57967	-1.64157	-1.48341	-1.75125
-1.822 - -1.607	-1.74191	-1.66397	-1.81789	-1.88104	-1.71795	-2.12003
-2.036 - -1.822	-1.91045	-1.84478	-2.03620	-2.04958	-1.90123	-2.14837

SAS Enterprise Miner Report

Node=Model Import GradBoost Summary

Node id = MdImp8
 Node label = Model Import GradBoost
 Meta path = Ids => Trans => Grp8 => Boost3 => EndGrp8 => MdImp8
 Notes =

Node=Model Import GradBoost Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import GradBoost Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	23	ASltot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Node=Model Import GradBoost Model Fit Statistics

Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.110	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.446	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.332	.	.
Sum of Squared Errors	43.384	.	.

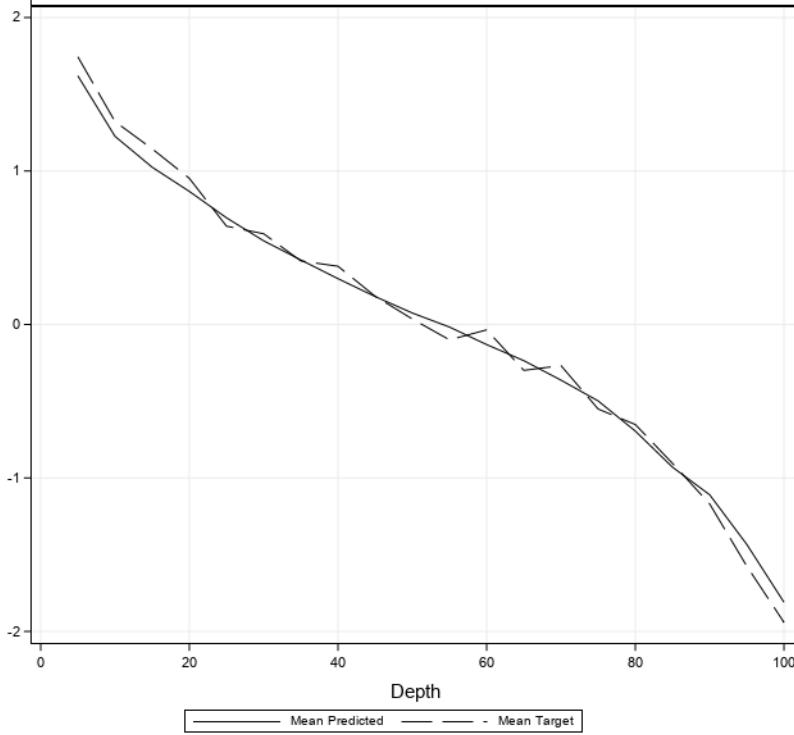
SAS Enterprise Miner Report

Node=Model Import GradBoost

Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

Mean Predicted

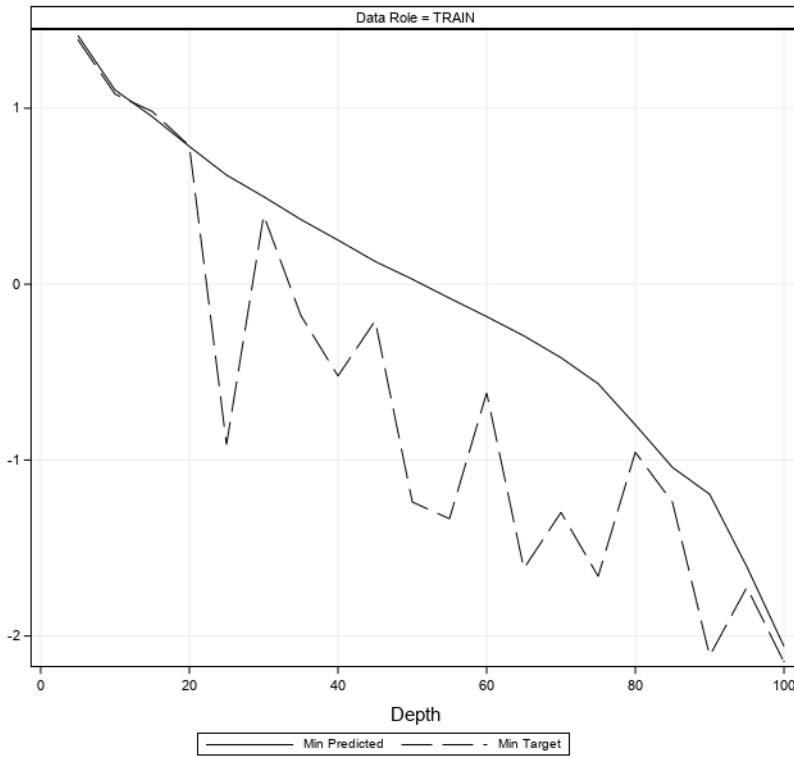
**SAS Enterprise Miner Report**

Node=Model Import GradBoost

Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

Min Predicted



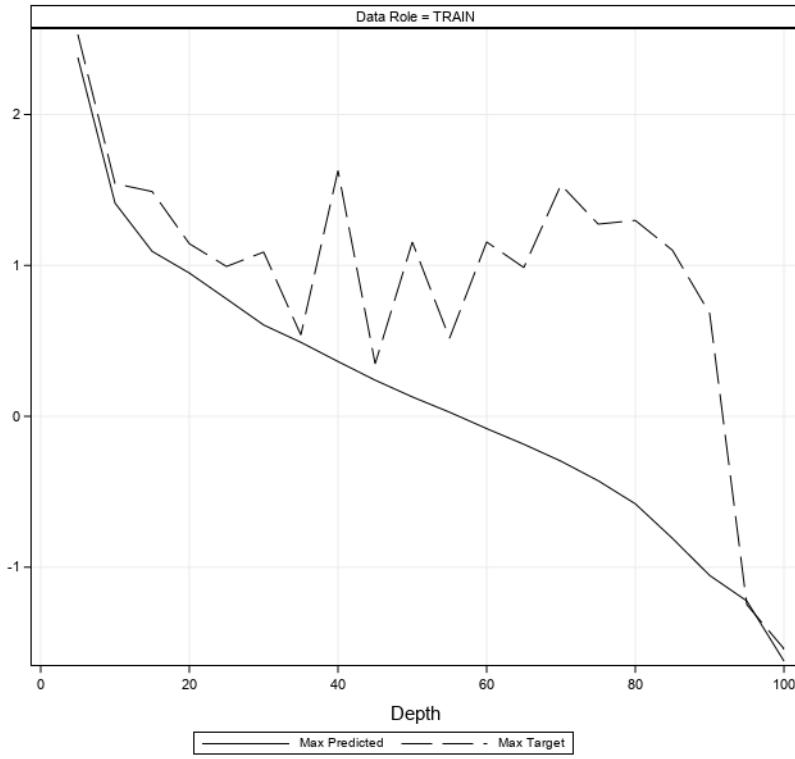
SAS Enterprise Miner Report

Node=Model Import GradBoost

Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

Max Predicted



Depth

Max Predicted — Max Target

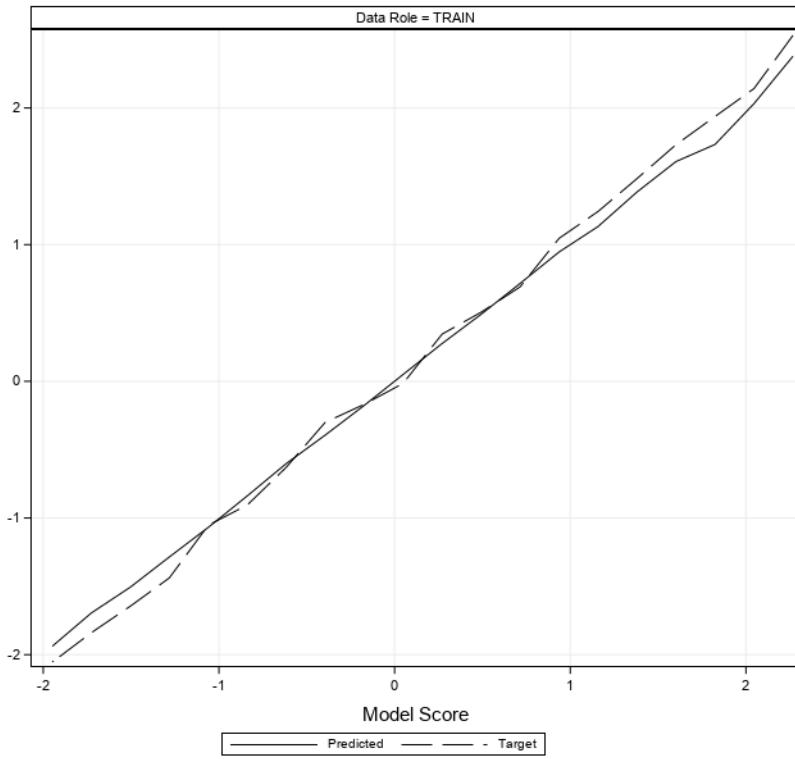
SAS Enterprise Miner Report

Node=Model Import GradBoost

Score Distributions where TARGET='BC_RQ_Total'

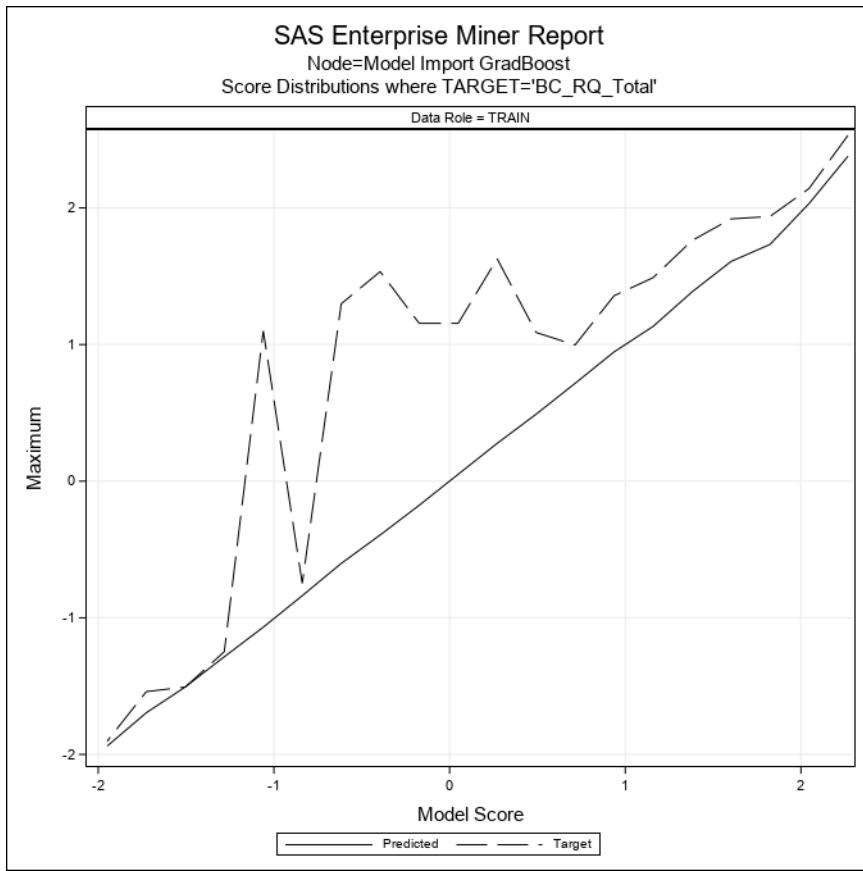
Data Role = TRAIN

Mean



Model Score

Predicted — Target



Node=Model Import GradBoost
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.156 - 2.378	2.37834	2.37834	2.37834	2.53080	2.53080	2.53080
1.935 - 2.156	2.03129	2.03129	2.03129	2.14157	2.14157	2.14157
1.713 - 1.935	1.73270	1.73270	1.73270	1.93737	1.93737	1.93737
1.491 - 1.713	1.60793	1.69463	1.50062	1.73134	1.91976	1.62035
1.269 - 1.491	1.38532	1.45398	1.28310	1.48324	1.76112	1.33889
1.047 - 1.269	1.13251	1.26532	1.05116	1.24266	1.48934	1.08076
0.825 - 1.047	0.94617	1.04570	0.82688	1.04601	1.35740	0.79578
0.603 - 0.825	0.71608	0.82306	0.60523	0.69096	0.99693	-0.91229
0.382 - 0.603	0.49017	0.59142	0.38158	0.50554	1.08830	-0.17792
0.160 - 0.382	0.27661	0.38005	0.16080	0.34552	1.62835	-0.52192
-0.062 - 0.160	0.05029	0.14488	-0.06216	-0.01489	1.15495	-1.33329
-0.284 - -0.062	-0.17658	-0.06993	-0.27844	-0.16865	1.15516	-1.61674
-0.506 - -0.284	-0.39354	-0.29372	-0.50073	-0.30015	1.53402	-1.36958
-0.728 - -0.506	-0.60215	-0.51986	-0.70874	-0.62934	1.29809	-1.66099
-0.950 - -0.728	-0.83829	-0.74439	-0.94966	-0.90529	-0.74820	-1.04523
-1.172 - -0.950	-1.06885	-0.95271	-1.15623	-1.05307	1.10018	-2.11306
-1.393 - -1.172	-1.28542	-1.19427	-1.35477	-1.43868	-1.24826	-1.69512
-1.615 - -1.393	-1.50609	-1.40639	-1.60585	-1.64527	-1.50677	-1.72334
-1.837 - -1.615	-1.69491	-1.62202	-1.80686	-1.83929	-1.54033	-2.12003
-2.059 - -1.837	-1.93800	-1.84147	-2.05904	-2.05416	-1.90123	-2.14837

SAS Enterprise Miner Report

Node=Model Import Regression stepwise Summary

Node id = MdImp5
 Node label = Model Import Regression stepwise
 Meta path = Ids => Trans => Grp5 => HPReg3 => EndGrp5 => MdImp5
 Notes =

Node=Model Import Regression stepwise Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import Regression stepwise Variable Summary

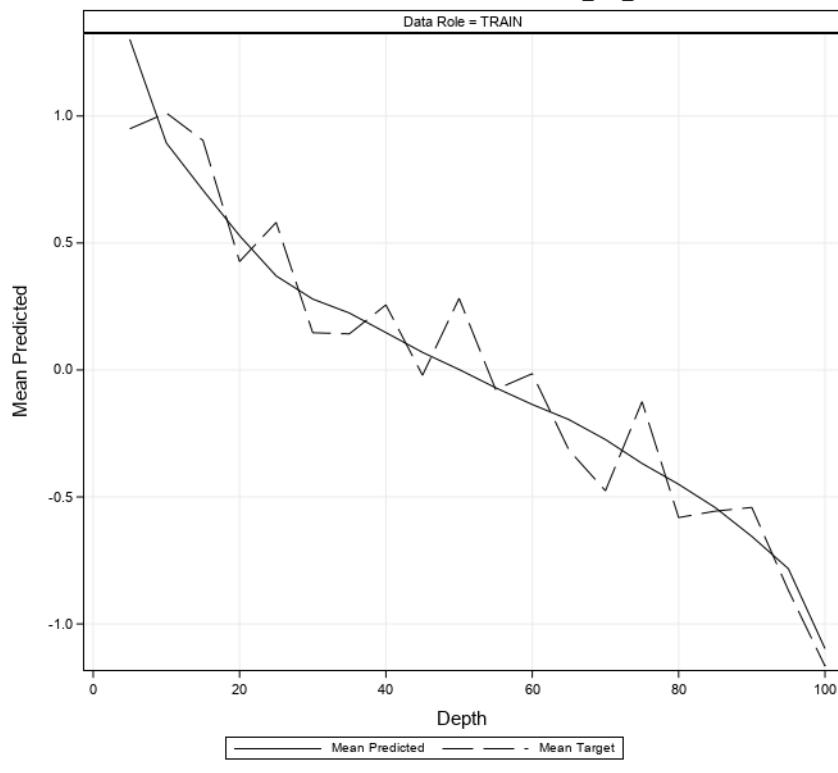
Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	13	BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT NEO_C_imp_IT NEO_E_imp_IT PASStot_imp_IT PCCLext_imp_IT PCCLint_imp_IT PCCLpco_imp_IT PHQ9dep_imp_IT VSltot_imp_IT_XVAL_	
INPUT	NOMINAL	1	classification	
ID	NOMINAL	1	subject	

Node=Model Import Regression stepwise Model Fit Statistics

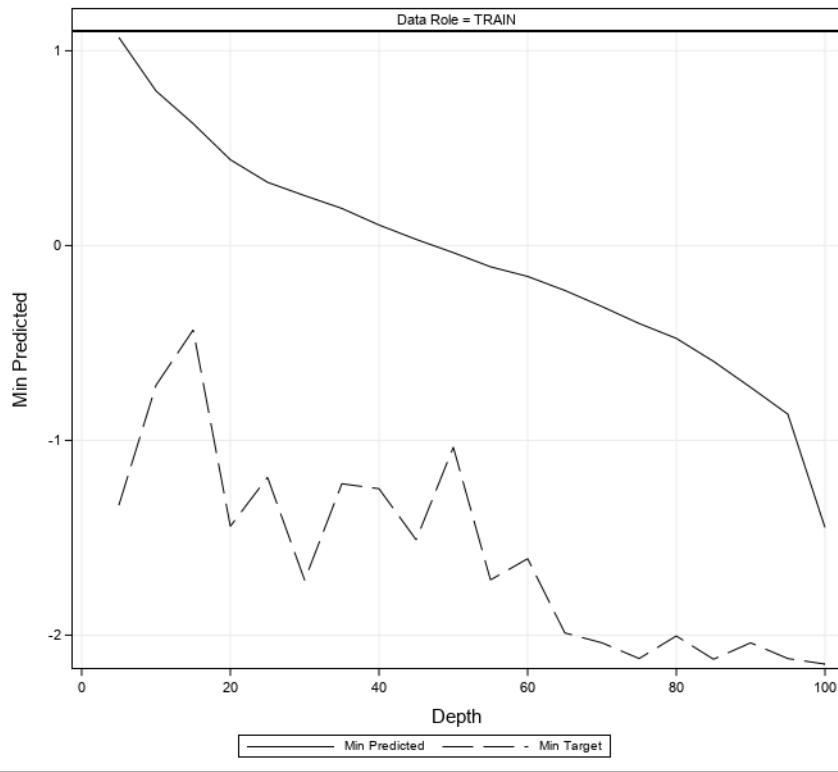
Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

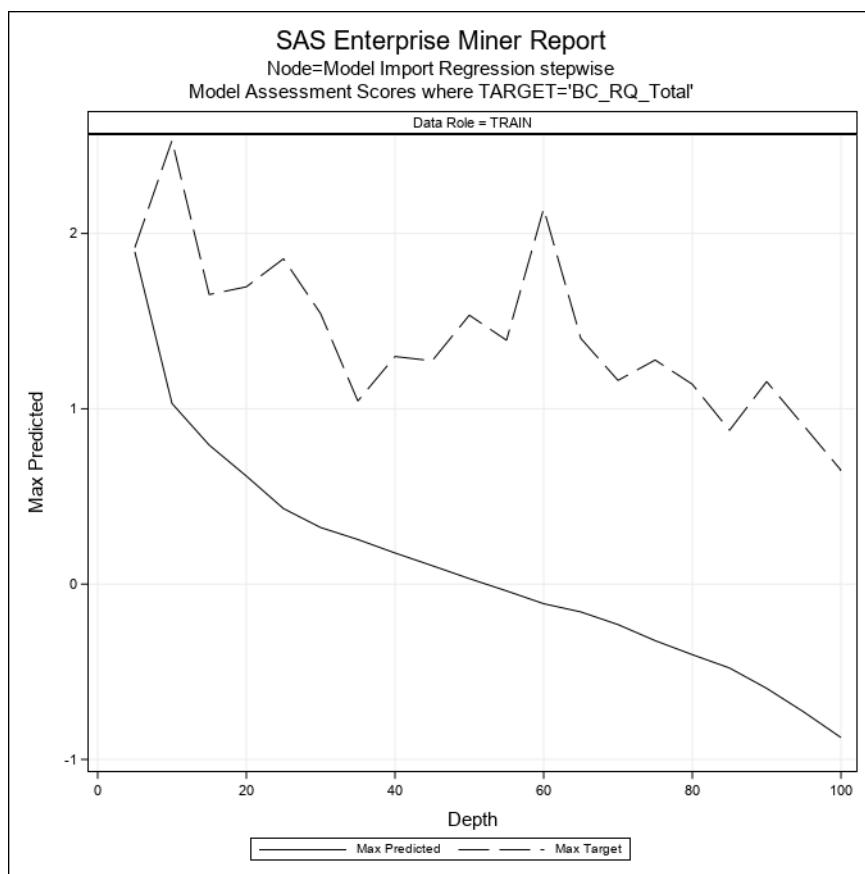
Label of Statistic	Train	Validation	Test
Average Squared Error	0.691	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.491	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.831	.	.
Sum of Squared Errors	271.568	.	.

SAS Enterprise Miner Report
Node=Model Import Regression stepwise
Model Assessment Scores where TARGET='BC_RQ_Total'



SAS Enterprise Miner Report
Node=Model Import Regression stepwise
Model Assessment Scores where TARGET='BC_RQ_Total'







Node=Model Import Regression stepwise
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.728 - 1.895	1.89511	1.89511	1.89511	1.35740	1.35740	1.35740
1.561 - 1.728	1.59650	1.63095	1.56206	0.37397	0.82445	-0.07650
1.394 - 1.561	1.50636	1.50636	1.50636	1.71614	1.71614	1.71614
1.227 - 1.394	1.29271	1.35791	1.24001	0.76801	1.91976	-1.33329
1.059 - 1.227	1.15438	1.22471	1.06841	1.08833	1.74649	0.25818
0.892 - 1.059	0.95410	1.03021	0.89809	0.79772	1.49995	-0.09493
0.725 - 0.892	0.81450	0.88618	0.72654	1.20617	2.53080	-0.71719
0.558 - 0.725	0.64664	0.72481	0.56031	0.69847	1.44711	-0.43311
0.391 - 0.558	0.47665	0.55322	0.39120	0.25263	1.69572	-1.44120
0.224 - 0.391	0.29236	0.38975	0.22441	0.36532	1.85573	-1.71804
0.057 - 0.224	0.13506	0.21890	0.05740	0.15037	1.29809	-1.24826
-0.110 - 0.057	-0.02389	0.05616	-0.10904	0.05577	1.53402	-1.71630
-0.278 - -0.110	-0.18415	-0.11186	-0.27425	-0.22825	2.14157	-2.03918
-0.445 - -0.278	-0.35395	-0.27777	-0.43796	-0.27354	1.27810	-2.12003
-0.612 - -0.445	-0.51887	-0.44846	-0.60690	-0.63187	0.87701	-2.12353
-0.779 - -0.612	-0.71133	-0.62800	-0.77613	-0.57034	1.15516	-2.12003
-0.946 - -0.779	-0.84745	-0.78097	-0.91684	-1.08724	0.09291	-2.14837
-1.113 - -0.946	-1.01762	-0.94657	-1.09013	-1.45793	-0.66623	-2.12353
-1.280 - -1.113	-1.21395	-1.12493	-1.27158	-0.87396	0.64939	-2.11306
-1.447 - -1.280	-1.43993	-1.43246	-1.44740	-0.96063	-0.38093	-1.54033

SAS Enterprise Miner Report

Node=Model Import Tree Summary

Node id = MdImp
 Node label = Model Import Tree
 Meta path = Ids => Trans => Grp => Tree4 => EndGrp => MdImp
 Notes =

Node=Model Import Tree Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import Tree Variable Summary

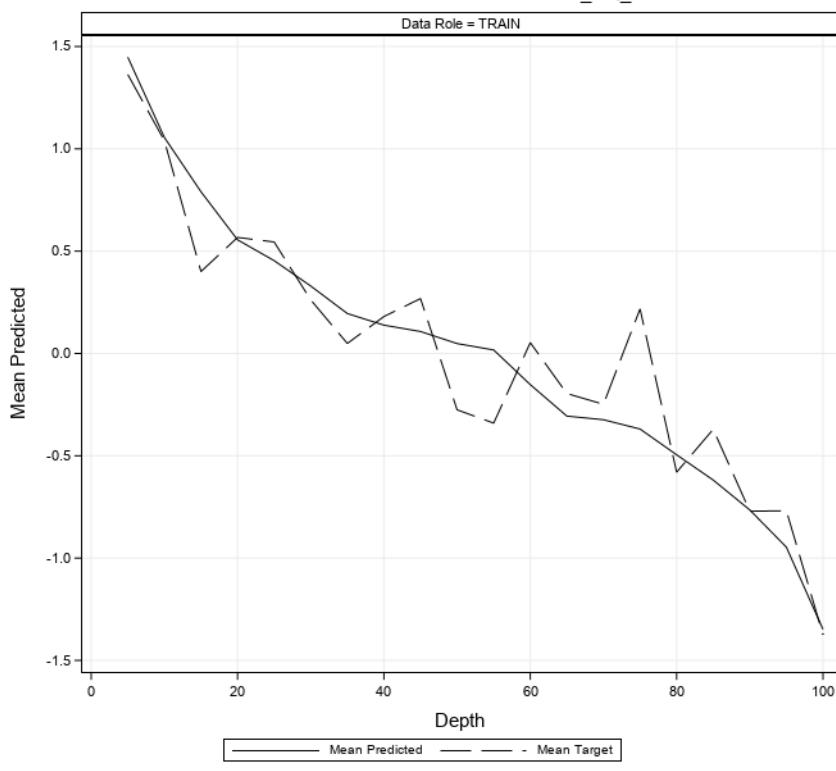
Role	Level	Frequency		Name
		Count	Name	
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
SEGMENT	NOMINAL	1	_NODE_	
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Node=Model Import Tree Model Fit Statistics

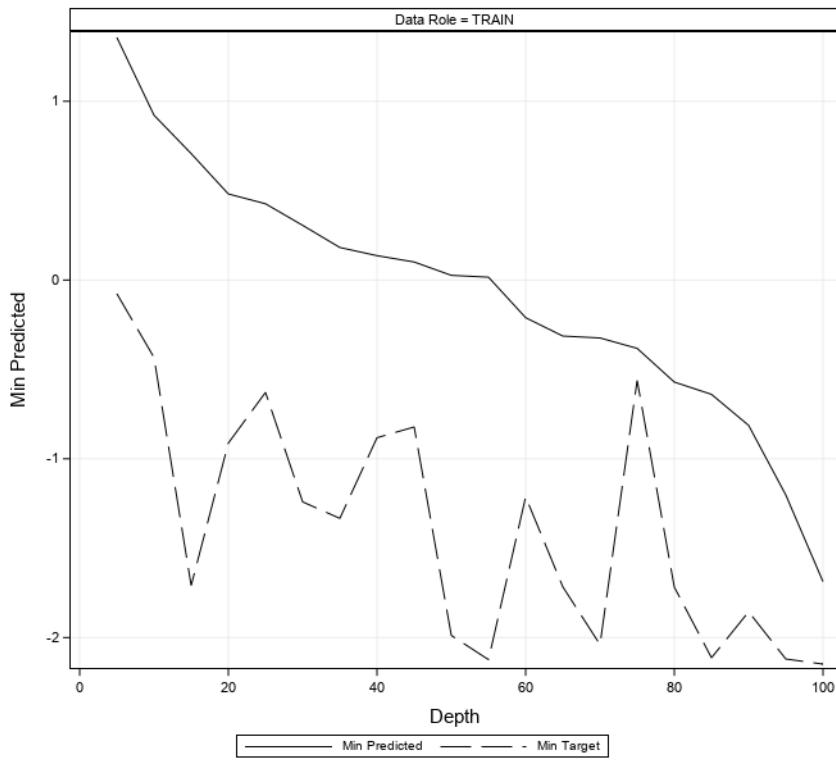
Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.667	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.202	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.817	.	.
Sum of Squared Errors	262.205	.	.

SAS Enterprise Miner Report
Node=Model Import Tree
Model Assessment Scores where TARGET='BC_RQ_Total'

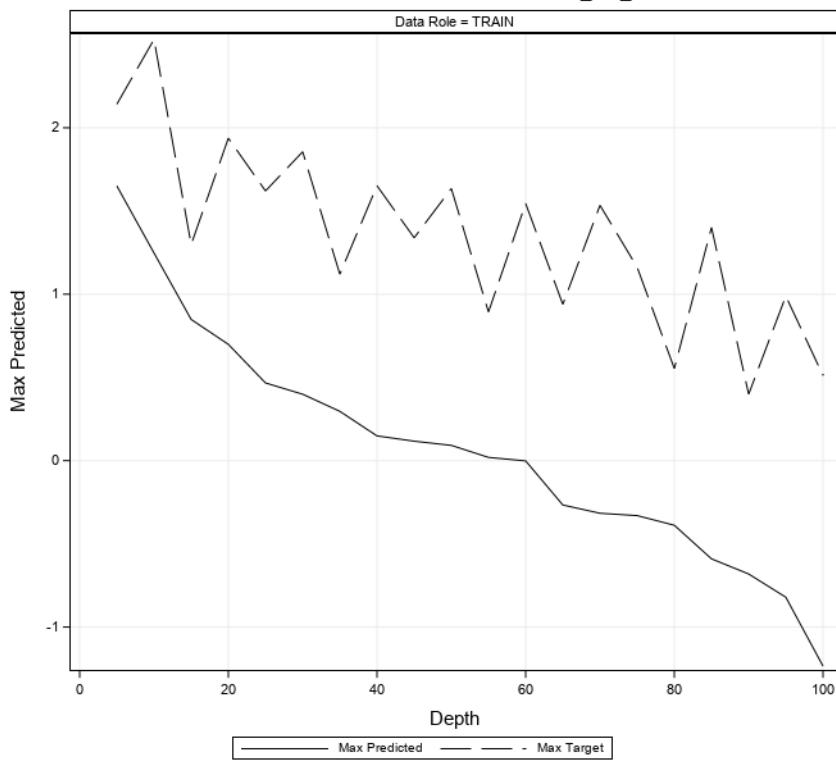


SAS Enterprise Miner Report
Node=Model Import Tree
Model Assessment Scores where TARGET='BC_RQ_Total'



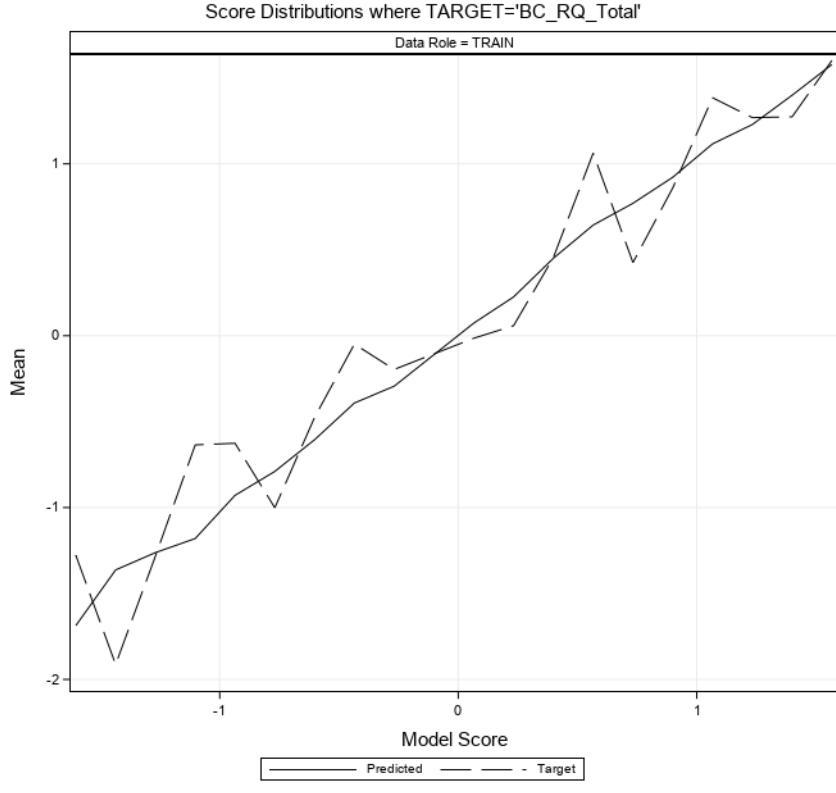
SAS Enterprise Miner Report
Node=Model Import Tree
Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN



SAS Enterprise Miner Report
Node=Model Import Tree
Score Distributions where TARGET='BC_RQ_Total'

Data Role = TRAIN





Node=Model Import Tree
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.483 - 1.650	1.57834	1.65032	1.50643	1.60179	1.81338	1.39090
1.317 - 1.483	1.39925	1.45315	1.35725	1.27382	2.14157	-0.07650
1.150 - 1.317	1.22881	1.24747	1.16964	1.26901	1.71614	0.85413
0.983 - 1.150	1.11611	1.13810	1.09412	1.38471	1.67589	1.09353
0.816 - 0.983	0.92192	0.98155	0.81713	0.85979	2.53080	-0.43311
0.649 - 0.816	0.77042	0.81327	0.66941	0.42549	1.27810	-1.70934
0.482 - 0.649	0.64359	0.64759	0.64093	1.06220	1.93737	0.49766
0.315 - 0.482	0.45053	0.48154	0.33334	0.45458	1.85573	-0.91229
0.149 - 0.315	0.22552	0.31412	0.14868	0.05814	1.16606	-1.33329
-0.018 - 0.149	0.07313	0.14324	-0.00157	-0.01488	1.65154	-2.12353
-0.352 - -0.185	-0.29382	-0.19458	-0.33023	-0.19640	1.53402	-2.03918
-0.519 - -0.352	-0.39168	-0.38227	-0.47505	-0.04882	1.16190	-0.75757
-0.686 - -0.519	-0.60526	-0.55451	-0.68108	-0.47505	1.40120	-2.11306
-0.853 - -0.686	-0.78974	-0.73900	-0.82530	-1.00113	0.31280	-2.12003
-1.019 - -0.853	-0.92913	-0.85847	-1.00039	-0.62612	0.98831	-1.98839
-1.186 - -1.019	-1.18022	-1.18022	-1.18022	-0.63543	-0.07723	-1.19363
-1.353 - -1.186	-1.26219	-1.20248	-1.32671	-1.28260	0.51216	-2.12353
-1.520 - -1.353	-1.36293	-1.36293	-1.36293	-1.91343	-1.58791	-2.14837
-1.687 - -1.520	-1.68682	-1.68682	-1.68682	-1.27814	-0.96273	-1.90123

SAS Enterprise Miner Report

Node=Model Import DMNeural Summary

Node id = MdImp2
 Node label = Model Import DMNeural
 Meta path = Ids => Trans => Grp2 => DMNeural2 => EndGrp2 => MdImp2
 Notes =

Node=Model Import DMNeural Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import DMNeural Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	23	ASltot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Node=Model Import DMNeural Model Fit Statistics

Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.652	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.251	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.807	.	.
Sum of Squared Errors	256.180	.	.

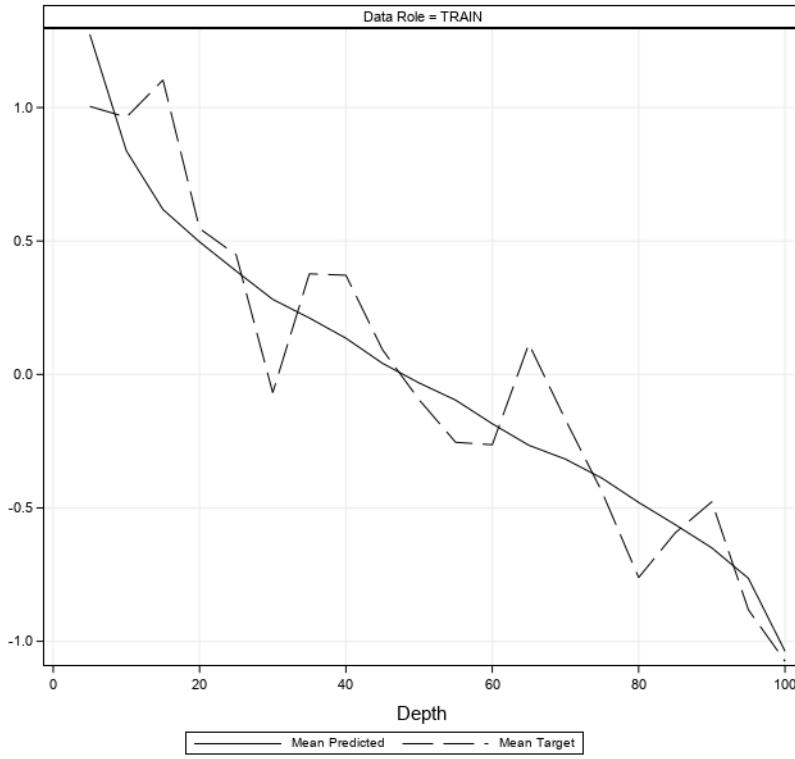
SAS Enterprise Miner Report

Node=Model Import DMNeural

Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

Mean Predicted

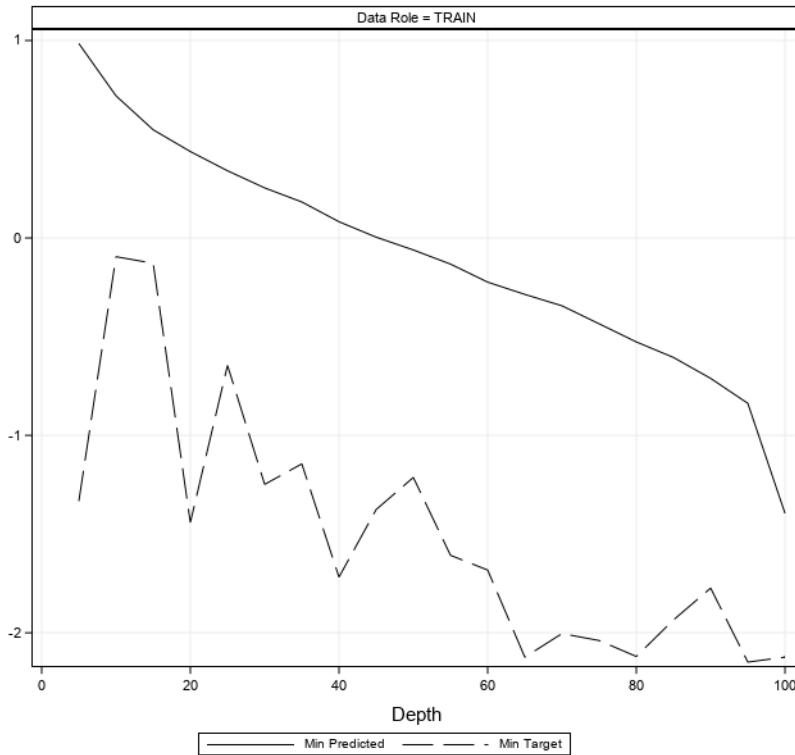
**SAS Enterprise Miner Report**

Node=Model Import DMNeural

Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

Min Predicted



SAS Enterprise Miner Report

Node=Model Import DMNeural

Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

Max Predicted

2
1
0
-1

0 20 40 60 80 100

Depth

— Max Predicted — - Max Target

SAS Enterprise Miner Report

Node=Model Import DMNeural

Score Distributions where TARGET='BC_RQ_Total'

Data Role = TRAIN

Mean

2
1
0
-1

-1 0 1 2

Model Score

— Predicted — - Target



Node=Model Import DMNeural Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.681 - 1.843	1.77020	1.84339	1.69702	1.63858	1.91976	1.35740
1.520 - 1.681	1.64722	1.64722	1.64722	1.51134	1.51134	1.51134
1.358 - 1.520	1.42230	1.50985	1.38423	1.25539	1.71506	0.60913
1.196 - 1.358	1.29535	1.30226	1.28843	0.48400	1.04524	-0.07723
1.034 - 1.196	1.09803	1.13470	1.03691	0.80496	1.76112	-1.33329
0.872 - 1.034	0.95876	1.02803	0.89569	0.90357	1.93737	-0.09493
0.710 - 0.872	0.80269	0.87168	0.71187	1.05604	2.53080	0.17993
0.548 - 0.710	0.61665	0.67522	0.55924	1.09170	1.81338	-0.08807
0.386 - 0.548	0.46720	0.54795	0.39012	0.55882	1.58573	-1.44120
0.224 - 0.386	0.29389	0.37769	0.22873	0.11898	1.28937	-1.24826
0.062 - 0.224	0.14899	0.22206	0.06900	0.35130	1.69572	-1.71804
-0.099 - 0.062	-0.02301	0.05990	-0.09481	-0.07215	1.40120	-1.45147
-0.261 - -0.099	-0.18385	-0.10965	-0.26094	-0.17943	1.16606	-1.68223
-0.423 - -0.261	-0.32806	-0.26271	-0.42011	-0.23131	2.14157	-2.12353
-0.585 - -0.423	-0.50191	-0.42935	-0.57137	-0.66541	1.06762	-2.12003
-0.747 - -0.585	-0.65865	-0.58638	-0.73699	-0.53497	1.15516	-2.12003
-0.909 - -0.747	-0.81162	-0.75271	-0.86866	-1.05974	0.87701	-2.14837
-1.071 - -0.909	-1.01000	-0.94175	-1.05845	-0.78783	0.64939	-2.12353
-1.233 - -1.071	-1.16324	-1.11327	-1.18516	-1.12889	-0.38093	-1.75125
-1.395 - -1.233	-1.33724	-1.27987	-1.39460	-1.65848	-1.65597	-1.66099

SAS Enterprise Miner Report

Node=Model Import Regression LASSO Summary

Node id = Mdllmp6
 Node label = Model Import Regression LASSO
 Meta path = Ids => Trans => Grp6 => HPReg4 => EndGrp6 => Mdllmp6
 Notes =

Node=Model Import Regression LASSO Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModellImport		ImportType	DATA		ModelPath		
ApplyDecisions	N		ModelName					

Node=Model Import Regression LASSO Variable Summary

Role	Level	Frequency		Name
		Count	Name	
TARGET	INTERVAL	1	BC_RQ_Total	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	13	BAQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAStot_imp_IT NEO_E_imp_IT NEO_N_imp_IT PCCLext_imp_IT PCCLint_imp_IT PCCLpcos_imp_IT PHQ9dep_imp_IT VSslot_imp_IT_XVAL_...	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	
ID	NOMINAL	1	subject	

Node=Model Import Regression LASSO Model Fit Statistics

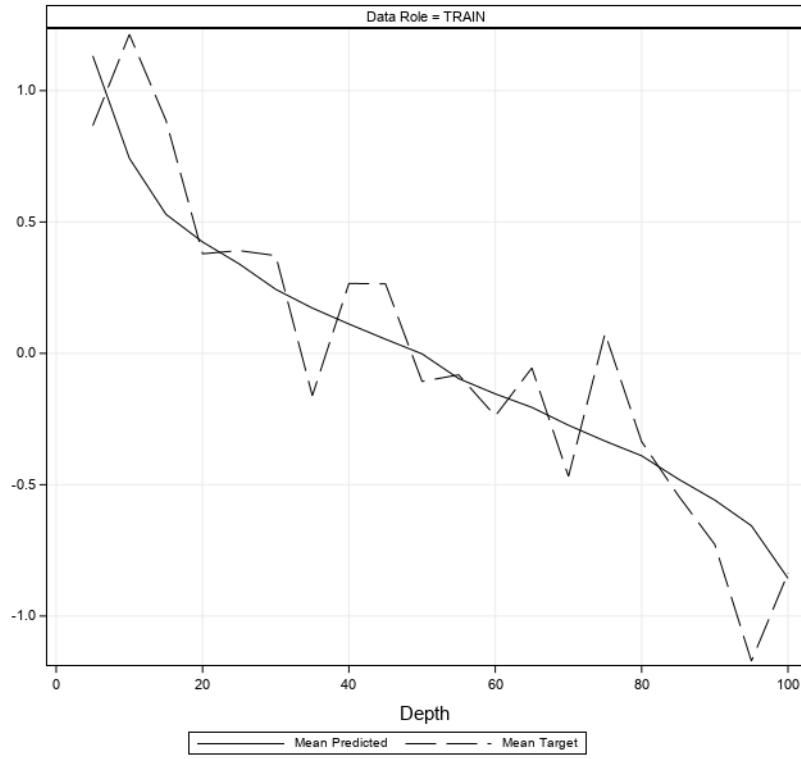
Target=BC_RQ_Total Target Label=ReQuest (total score) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.697	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.392	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.835	.	.
Sum of Squared Errors	273.778	.	.

SAS Enterprise Miner Report
Node=Model Import Regression LASSO
Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

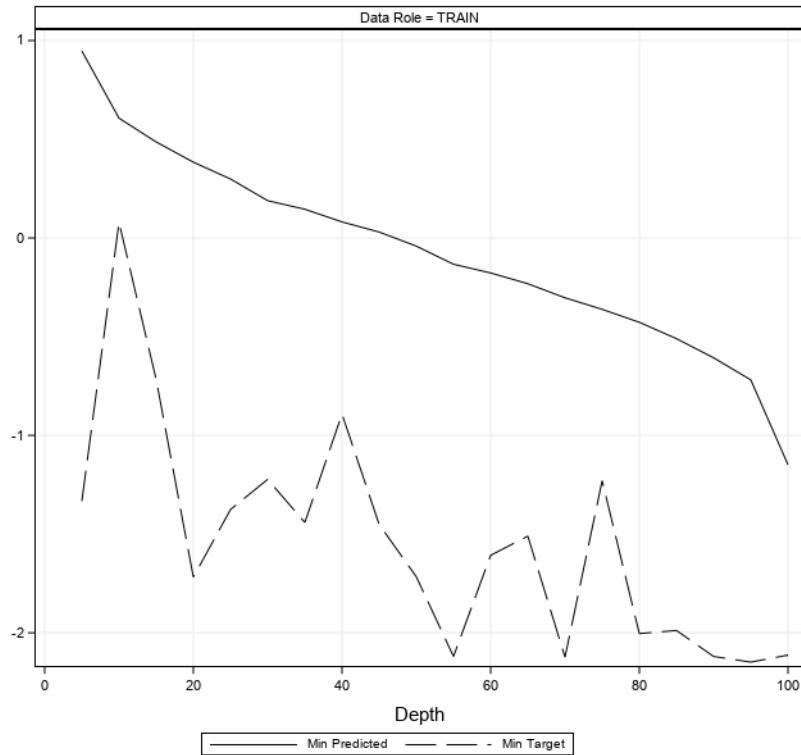
Mean Predicted



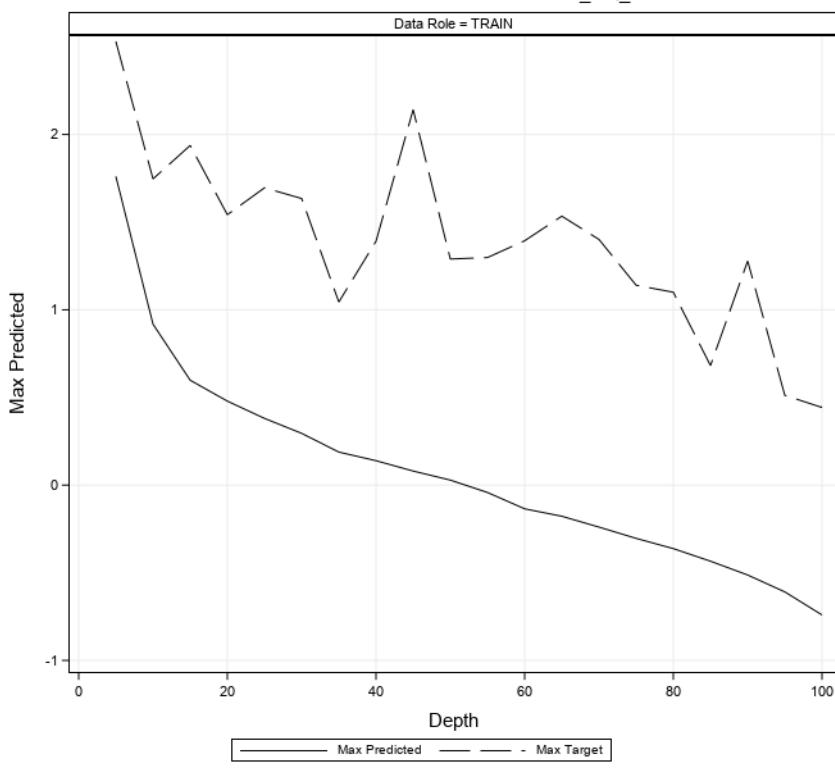
SAS Enterprise Miner Report
Node=Model Import Regression LASSO
Model Assessment Scores where TARGET='BC_RQ_Total'

Data Role = TRAIN

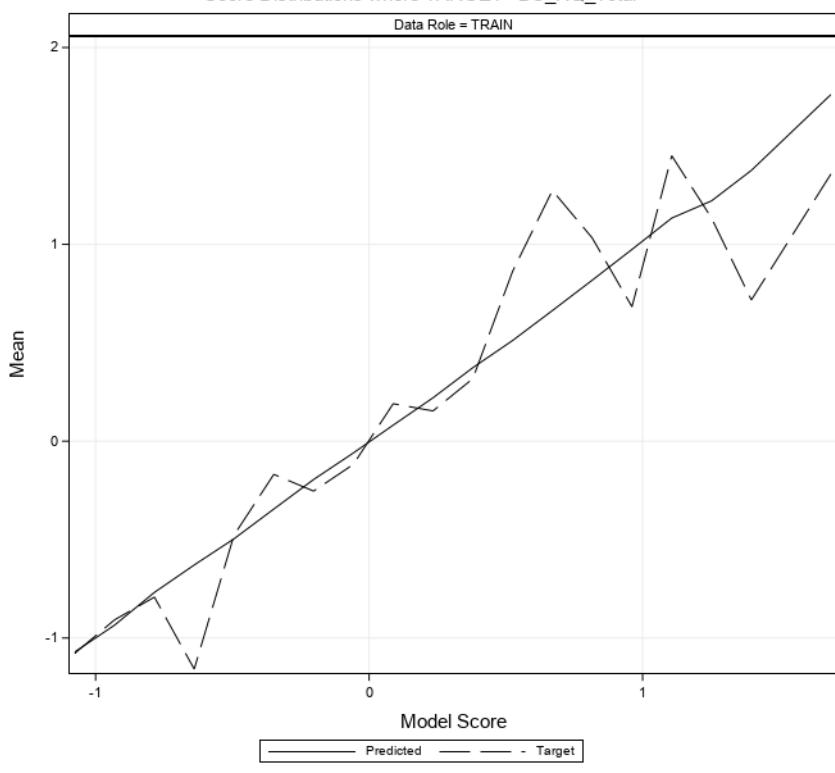
Min Predicted



SAS Enterprise Miner Report
Node=Model Import Regression LASSO
Model Assessment Scores where TARGET='BC_RQ_Total'



SAS Enterprise Miner Report
Node=Model Import Regression LASSO
Score Distributions where TARGET='BC_RQ_Total'





Node=Model Import Regression LASSO
Score Distributions

Target Variable=BC_RQ_Total Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.616 - 1.761	1.76123	1.76123	1.76123	1.35740	1.35740	1.35740
1.325 - 1.470	1.37579	1.37695	1.37462	0.71742	1.51134	-0.07650
1.179 - 1.325	1.22090	1.26151	1.19858	1.13334	1.76112	-0.07723
1.034 - 1.179	1.13353	1.15194	1.10682	1.45012	1.91976	0.80803
0.888 - 1.034	0.97418	1.03370	0.89530	0.68294	2.53080	-1.33329
0.743 - 0.888	0.81772	0.85380	0.79138	1.03280	1.71506	0.07866
0.597 - 0.743	0.66357	0.74172	0.59823	1.27375	1.67589	0.85963
0.452 - 0.597	0.51141	0.58593	0.45370	0.86262	1.93737	-0.71719
0.306 - 0.452	0.37324	0.43298	0.31316	0.31742	1.69572	-1.71804
0.161 - 0.306	0.22035	0.30389	0.16393	0.15367	1.63467	-1.44120
0.015 - 0.161	0.08157	0.15931	0.01563	0.19042	2.14157	-1.45147
-0.130 - 0.015	-0.05971	0.01097	-0.12828	-0.11765	1.29809	-2.12003
-0.276 - 0.130	-0.19472	-0.13314	-0.27420	-0.25361	1.53402	-2.03918
-0.421 - 0.276	-0.34485	-0.27677	-0.41334	-0.16872	1.14395	-2.12353
-0.567 - 0.421	-0.49593	-0.42299	-0.56354	-0.47746	1.27810	-2.12003
-0.712 - 0.567	-0.62897	-0.56788	-0.70996	-1.15788	0.90261	-2.14837
-0.858 - 0.712	-0.76816	-0.71514	-0.83274	-0.79222	0.38121	-2.11306
-1.003 - 0.858	-0.93445	-0.89352	-0.97341	-0.90744	0.44271	-1.71795
-1.149 - 1.003	-1.07063	-1.01531	-1.14866	-1.07728	-0.03051	-1.66099

SAS Enterprise Miner Report

Node=Model Comparison Summary

Node id = MdlComp2
 Node label = Model Comparison
 Meta path = Ids => Trans => Grp12 => Boost6 => EndGrp12 => Mdllmp11 => MdlComp2
 Notes =

Node=Model Comparison Properties

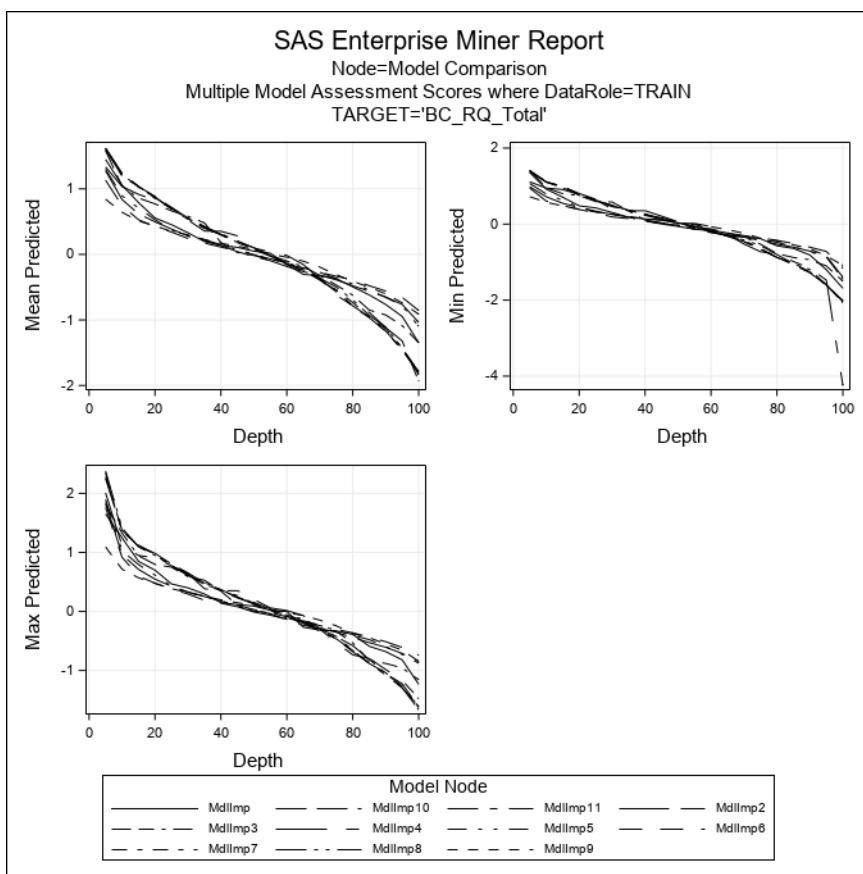
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModelCompare		NumberOfReportedLevels	1E-6		SelectionData	DEFAULT	
AssessAllTargetLevels	N		NumberofBins	20		SelectionDepth	10	
DecileBin	20		ProfitEpsilon	1E-6		SelectionTable	TRAIN	TABLE
HPCriteria	DEFAULT		RecomputeAssess	N		StatisticUsed	_ASE_	
LiftEpsilon	1E-6		RocChart	Y		TargetLabel	ReQuest (total score) (Box-Cox transformed)	
ModelCriteria	Train: Average Squared Error		RocEpsilon	0.01		TargetName	BC_RQ_Total	
ModelDescription	Model Import GradBoost Tuned 4		RoiEpsilon	1E-6		classViyaCriteria	DEFAULT	
ModelId	Mdllmp11		ScoreDistBin	20		intervalViyaCriteria	DEFAULT	
NormalizeReportingVariables	Y		SelectionCriteria	DEFAULT				

Node=Model Comparison Variable Summary

Role	Level	Frequency	
		Count	Name
TARGET	INTERVAL	1	BC_RQ_Total

Node=Model Comparison Fit Statistics Table

Selected Model	Predecessor Node	Model Node	Model Description	Train: Target Variable	Target Label	Selection Criterion:	
						Train: Average Squared Error	Train: Average Squared Error
Y	Mdllmp11	Mdllmp11	Model Import GradBoost Tuned 4	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.10225	0.10225
	Mdllmp8	Mdllmp8	Model Import GradBoost	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.11039	0.11039
	Mdllmp10	Mdllmp10	Model Import GradBoost Tuned 3	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.13821	0.13821
	Mdllmp7	Mdllmp7	Model Import GradBoost Tuned 2	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.16284	0.16284
	Mdllmp9	Mdllmp9	Model Import GradBoost Tuned 1	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.37501	0.37501
	Mdllmp3	Mdllmp3	Model Import Neural one	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.45495	0.45495
	Mdllmp4	Mdllmp4	Model Import Neural two	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.49213	0.49213
	Mdllmp2	Mdllmp2	Model Import DMNeural	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.65186	0.65186
	Mdllmp	Mdllmp	Model Import Tree	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.66719	0.66719
	Mdllmp5	Mdllmp5	Model Import Regression stepwise	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.69101	0.69101
	Mdllmp6	Mdllmp6	Model Import Regression LASSO	BC_RQ_Total	ReQuest (total score) (Box-Cox transformed)	0.69664	0.69664



SAS Enterprise Miner Report

Node=StatExplore Summary

Node id = Stat
 Node label = StatExplore
 Meta path = Ids => Trans => Grp12 => Boost6 => EndGrp12 => MdImp11 => MdComp2 => Stat
 Notes =

Node=StatExplore Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	StatExplore		Correlation	Y		NObs	100000	1000000
BySegment	N	Y	DropRejected	Y		Pearson	Y	
ChiSquare	Y		HideVariable	Y		Spearman	N	
ChiSquareInterval	N		IntervalDistribution	Y		UseScore	N	
ChiSquareIntervalNBins	5		LevelSummary	Y		UseTest	N	
ClassDistribution	Y		MaximumVars	1000		UseValidate	N	

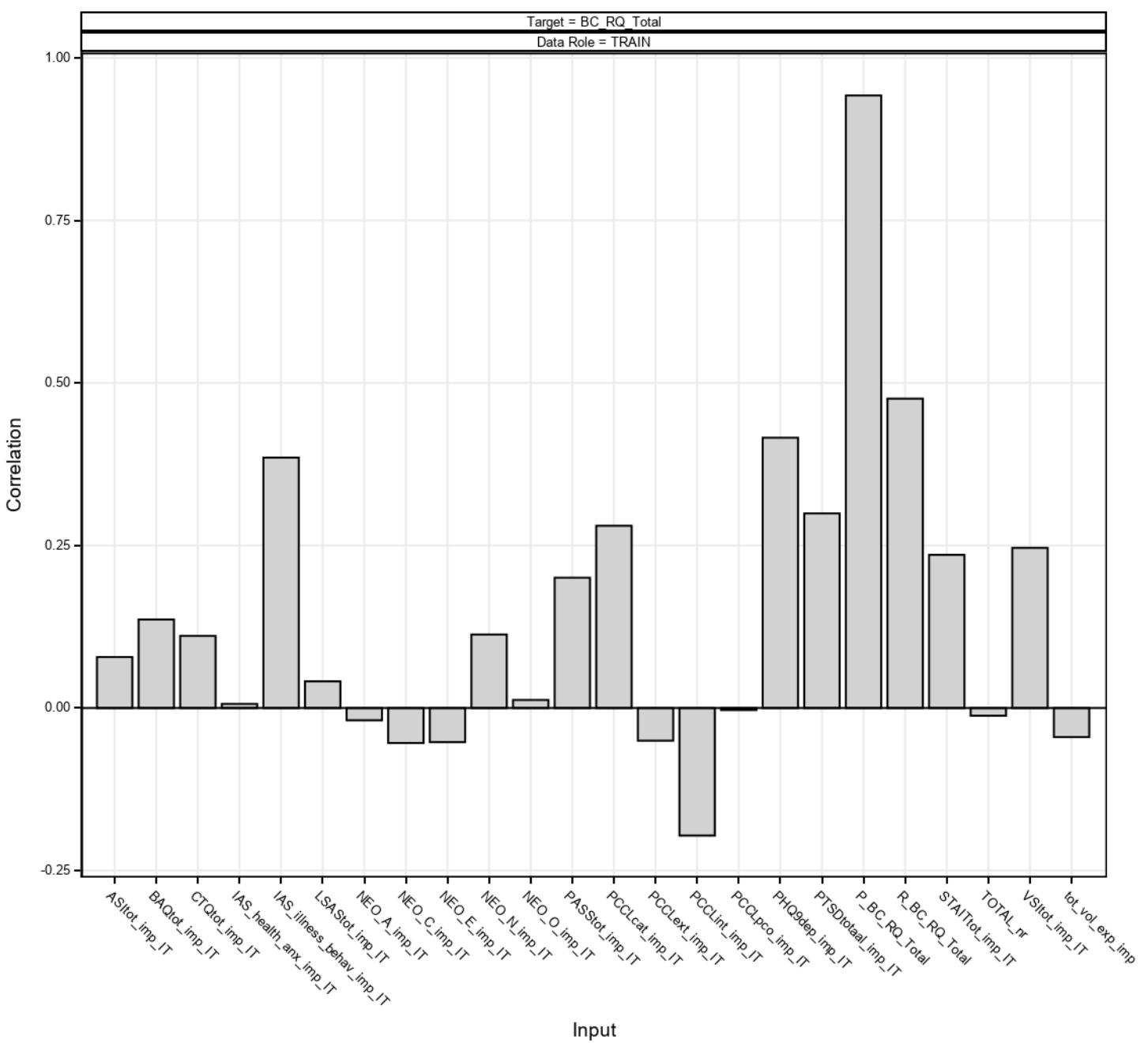
Node=StatExplore Variable Summary

Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	22		ASltot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAsTot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr
INPUT	NOMINAL	2		classification pH_MII_ON_OFF_INF_MISS

Target	Variable	Analysis			plot
		Importance	Worth	Variable	
BC_RQ_Total	PHQ9dep_imp_IT	1	0.20970	1	Patient Health Questionnaire 9 (depression)
BC_RQ_Total	IAS_illness_behav_imp_IT	2	0.16544	1	IAS (illness behavior subscale)
BC_RQ_Total	PTSDtotal_imp_IT	3	0.12818	1	PTSD-ZIL (total score)
BC_RQ_Total	VSltot_imp_IT	4	0.11663	1	Visceral Sensitivity Index
BC_RQ_Total	PCCLcat_imp_IT	5	0.11377	1	PCCL (catastrophizing subscale)
BC_RQ_Total	PASStot_imp_IT	6	0.10883	1	Pain Anxiety Symptoms Scale (total score)
BC_RQ_Total	PCCLint_imp_IT	7	0.07628	1	PCCL (internal pain control subscale)
BC_RQ_Total	STAIttot_imp_IT	8	0.07419	1	STAI (trait subscale)
BC_RQ_Total	NEO_N_imp_IT	9	0.06309	1	NEO-FFI (neuroticism subscale)
BC_RQ_Total	ASltot_imp_IT	10	0.05609	1	Anxiety Sensitivity Index
BC_RQ_Total	NEO_A_imp_IT	11	0.05195	1	NEO-FFI (agreeableness subscale)
BC_RQ_Total	TOTAL_nr	12	0.04604	1	total number of reflux events
BC_RQ_Total	BAQtot_imp_IT	13	0.04512	1	Body Awareness Questionnaire (total score)
BC_RQ_Total	LSAsTot_imp_IT	14	0.04159	1	Liebowitz Social Anxiety Scale (total score)
BC_RQ_Total	NEO_C_imp_IT	15	0.03778	1	NEO-FFI (conscientiousness subscale)
BC_RQ_Total	NEO_E_imp_IT	16	0.03773	1	NEO-FFI (extraversion subscale)
BC_RQ_Total	classification	17	0.03251	1	reflux subgroup
BC_RQ_Total	PCCLpco_imp_IT	18	0.03147	1	PCCL (pain coping subscale)
BC_RQ_Total	CTQtot_imp_IT	19	0.03026	1	Childhood Trauma Questionnaire (total score)
BC_RQ_Total	PCCLext_imp_IT	20	0.02996	1	PCCL (external pain control subscale)
BC_RQ_Total	IAS_health_anx_imp_IT	21	0.02782	1	IAS (health anxiety subscale)
BC_RQ_Total	tot_vol_exp_imp	22	0.02587	1	total volume exposure ()
BC_RQ_Total	NEO_O_imp_IT	23	0.01961	1	NEO-FFI (openness to experience subscale)
BC_RQ_Total	pH_MII_ON_OFF_INF_MISS	24	0.00350	1	PPI intake during pH-MII (informative missing)

SAS Enterprise Miner Report

Node=StatExplore
 Correlation Plot
 CORRTYPE='PEARSON'

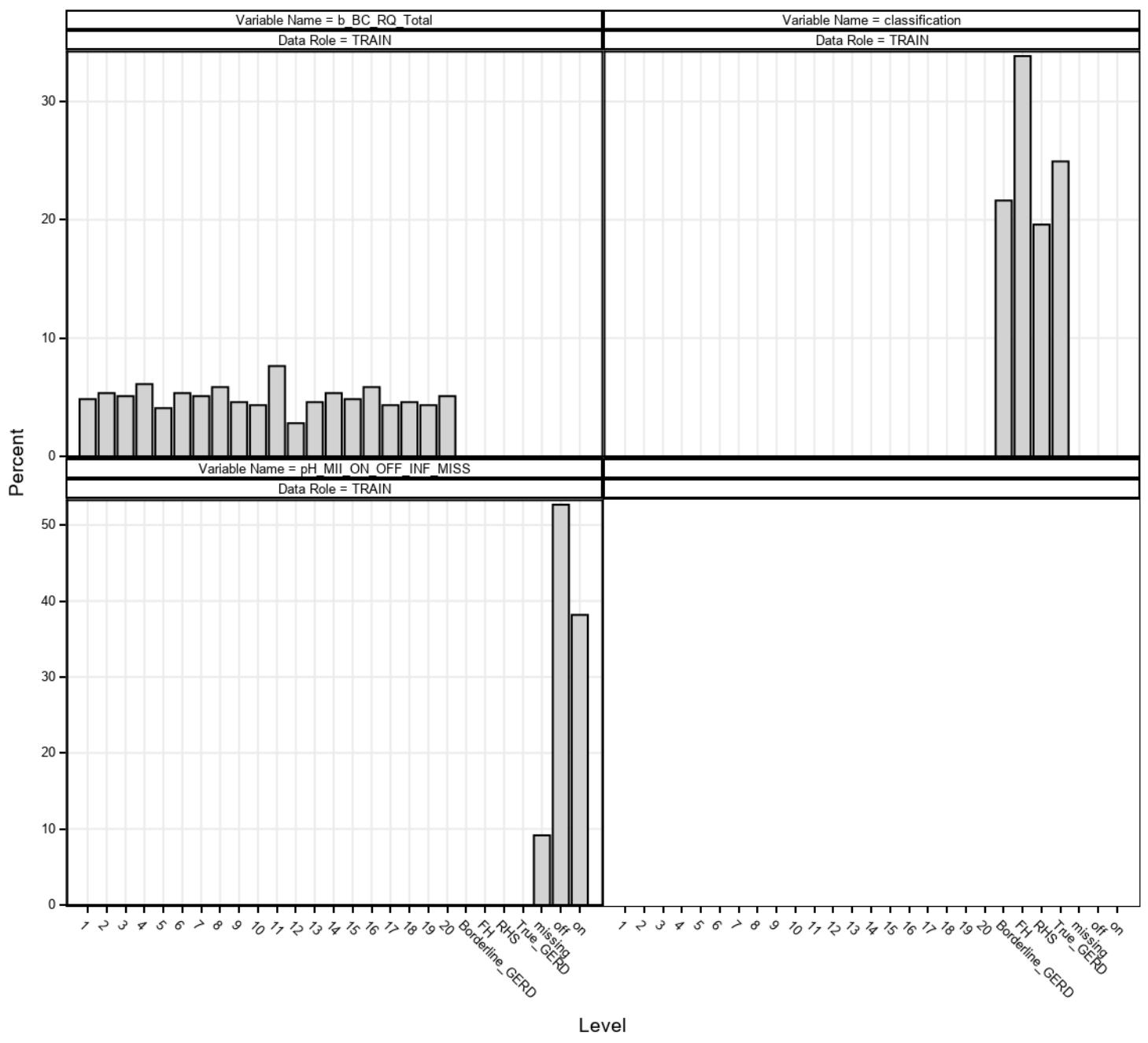


SAS Enterprise Miner Report

Node=StatExplore

Class Variables

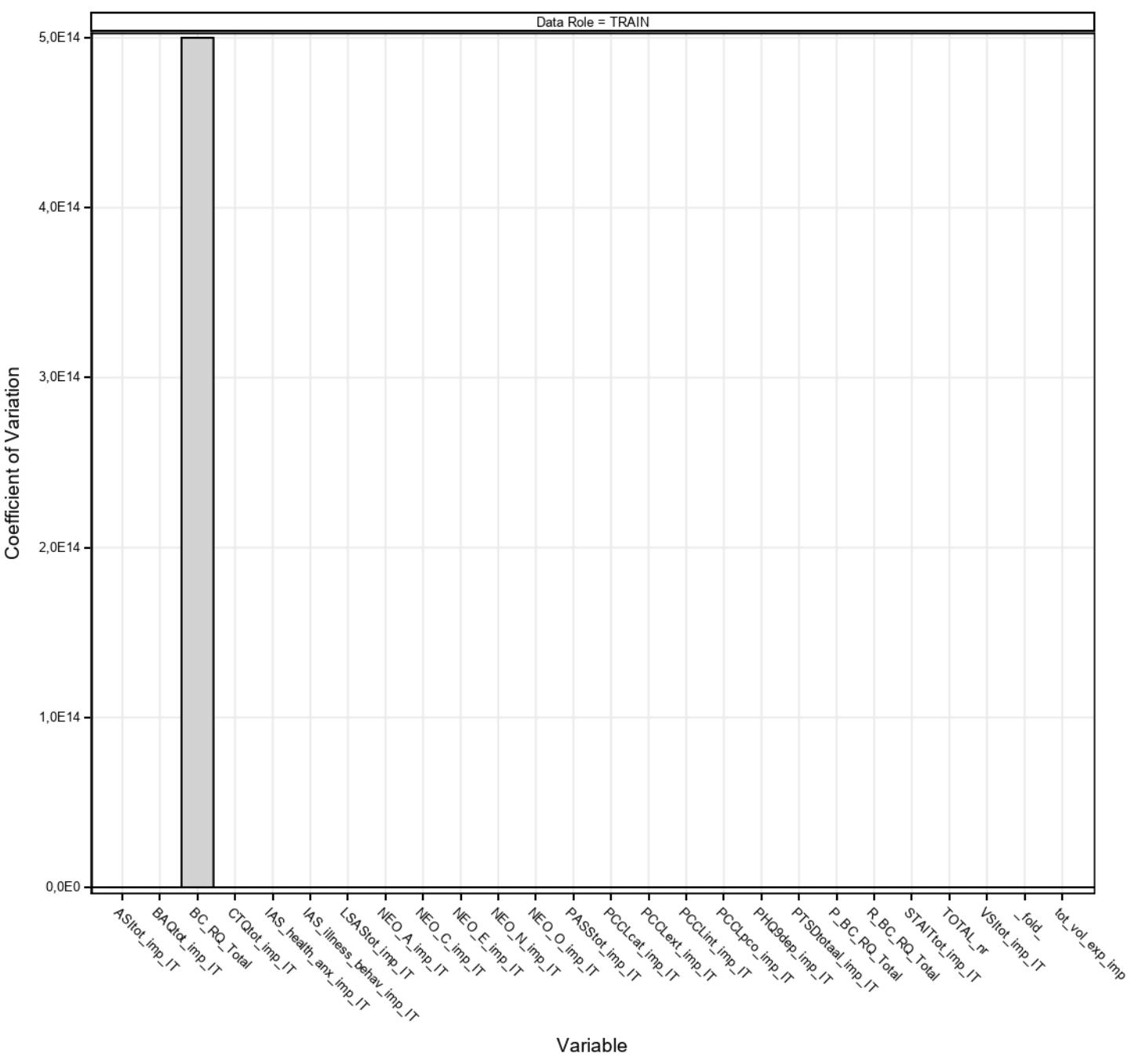
PLOT=1



SAS Enterprise Miner Report

Node=StatExplore

Interval Variables



End of Report