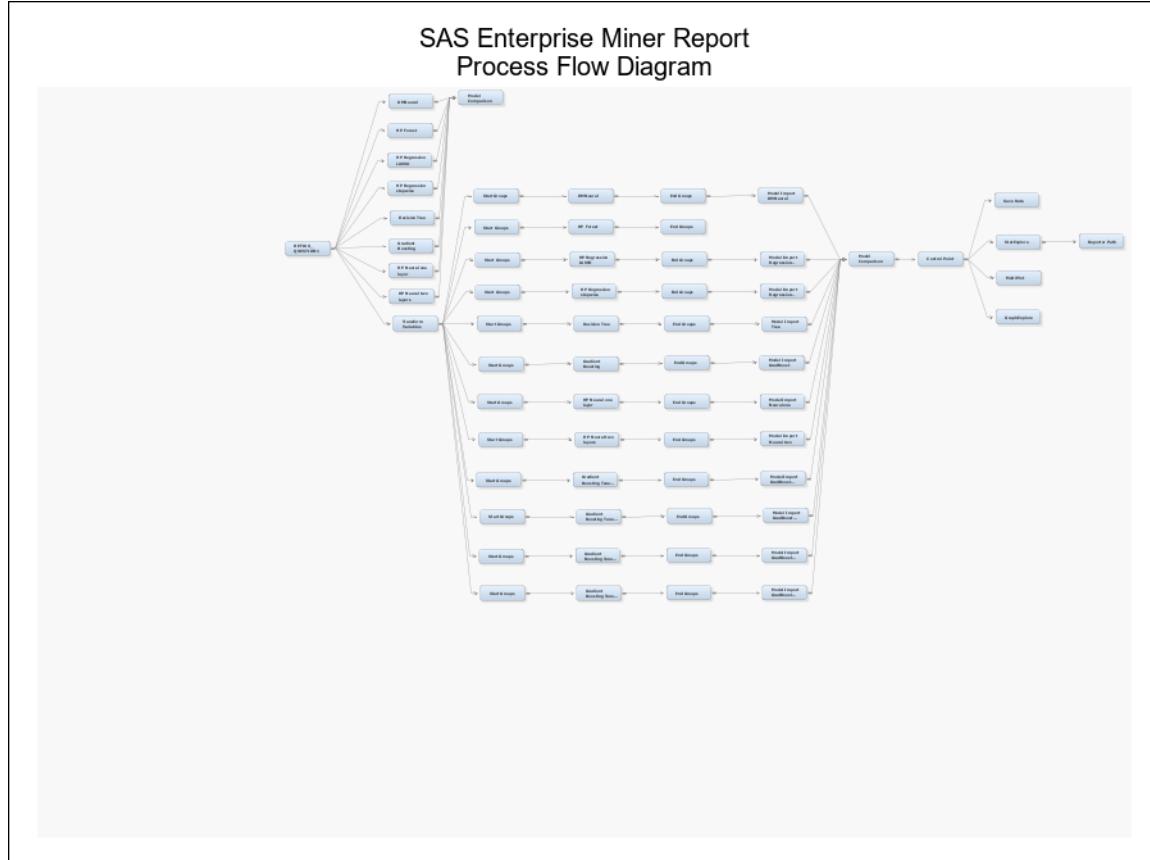


## SAS Enterprise Miner Report

User = u0027997  
Date = 17:49:25 uur 15 februari 2022  
Project = 1\_symptom\_severity\_custom  
Diagram = kfold\_sleep

Start Node = Report  
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.M3BKF_64		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_Slaapstoornissen_imp_IT	
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_Total BC_TOTAL_nr BC_tot_vol_exp_imp BMI_imp CIS_activ_imp_IT ... 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_Slaapstoornissen_imp_IT	
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_Total BC_TOTAL_nr BC_tot_vol_exp_imp BMI_imp CIS_activ_imp_IT ... 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	Skewness
Output	Formula	_fold_	int((ranuni(0)*8)+1)	.	393	0	1	8	4.46310	2.37317	-0.019998 -1.29746

## SAS Enterprise Miner Report

### Node=Gradient Boosting Tuned 1 Summary

Node id = Boost2  
 Node label = Gradient Boosting Tuned 1  
 Meta path = Ids => Trans => Grp12 => Boost2  
 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

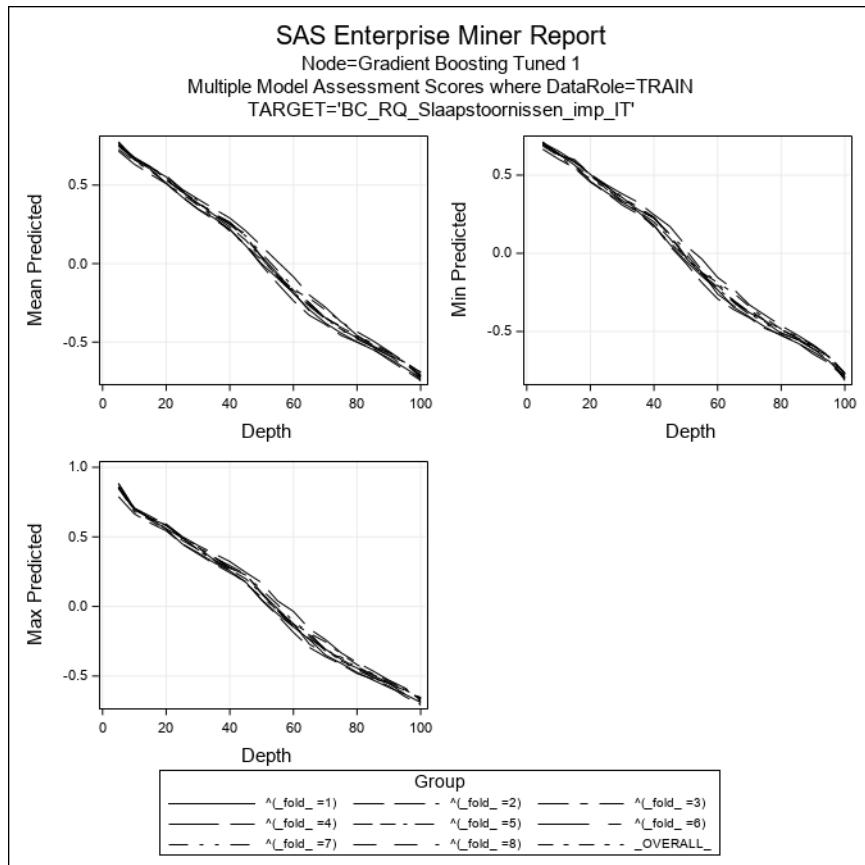
### Node=Gradient Boosting Tuned 1 Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1	BC_RQ_Slaapstoornissen_imp_IT	
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: Root	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total
			Sum of Case Freq	Weights Freq				
Train: Sum of Frequencies	Train: Times Freq	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total
1 ^(_fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	344	344	1.13278	103.492	0.30085	0.54850	344
2 ^(_fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	354	354	1.15451	109.031	0.30800	0.55497	354
3 ^(_fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	343	343	1.20362	105.840	0.30857	0.55549	343
4 ^(_fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	342	342	1.18756	103.562	0.30281	0.55029	342
5 ^(_fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	336	336	1.26323	101.779	0.30291	0.55037	336
6 ^(_fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	337	337	1.19729	102.815	0.30509	0.55235	337
7 ^(_fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	352	352	1.09044	106.821	0.30347	0.55088	352

**SAS Enterprise Miner Report**  
**Node=Gradient Boosting Tuned 1**  
**FITSTATPLOT**

Group Index	Group	Train: Target Variable	Train:		Train:		Train:		Train:		Train:	
			Sum of Frequencies	Weights Freq	Maximum Absolute Error	Sum of Squared Errors	Average Squared Error	Root ASE	Divisor for ASE	Degrees of Freedom	Total	Target Label
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	349	349	1.13246	105.491	0.30227	0.54979	349	349	349	ReQuest (sleep subscale) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	393	.	1.53101	148.960	0.37903	0.61566	393	.	.	ReQuest (sleep subscale) (Box-Cox transformed)



### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=1)

Data Role = TRAIN

Mean

1  
0  
-1

-0.5 0.0 0.5

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=1)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

-0.5 0.0 0.5

Model Score

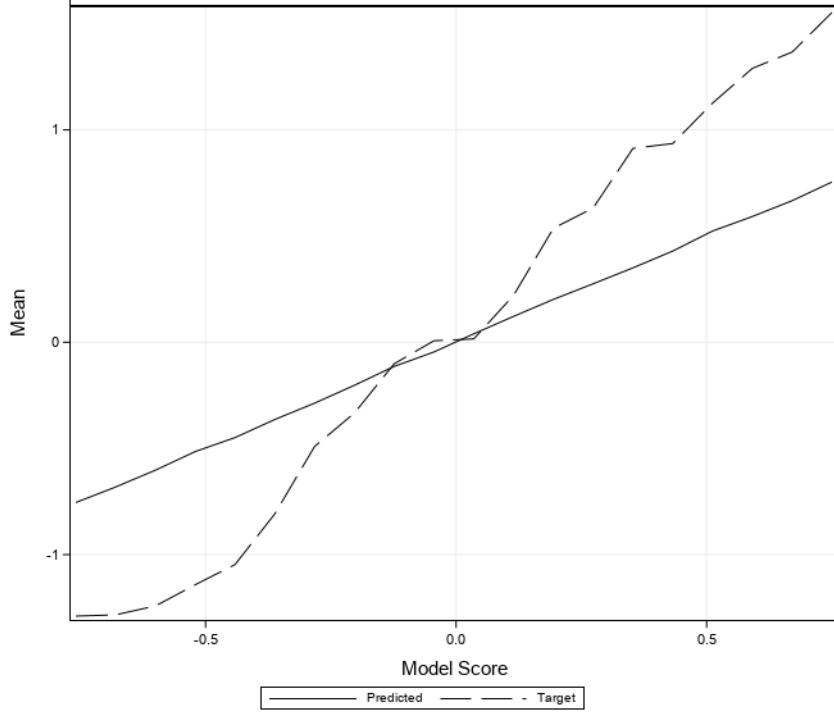
— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

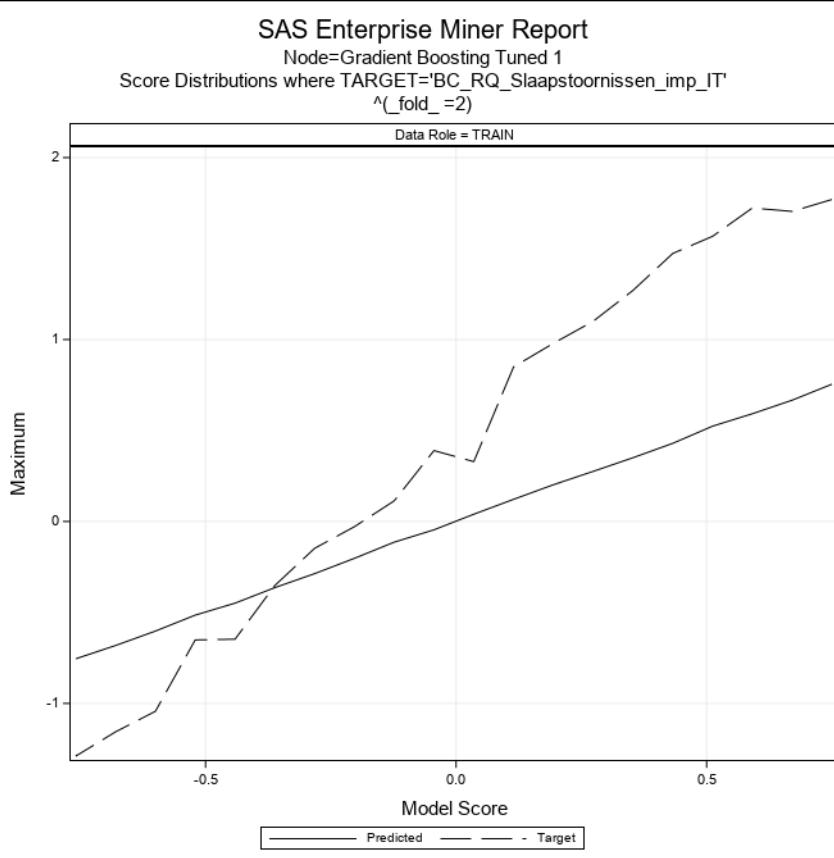


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

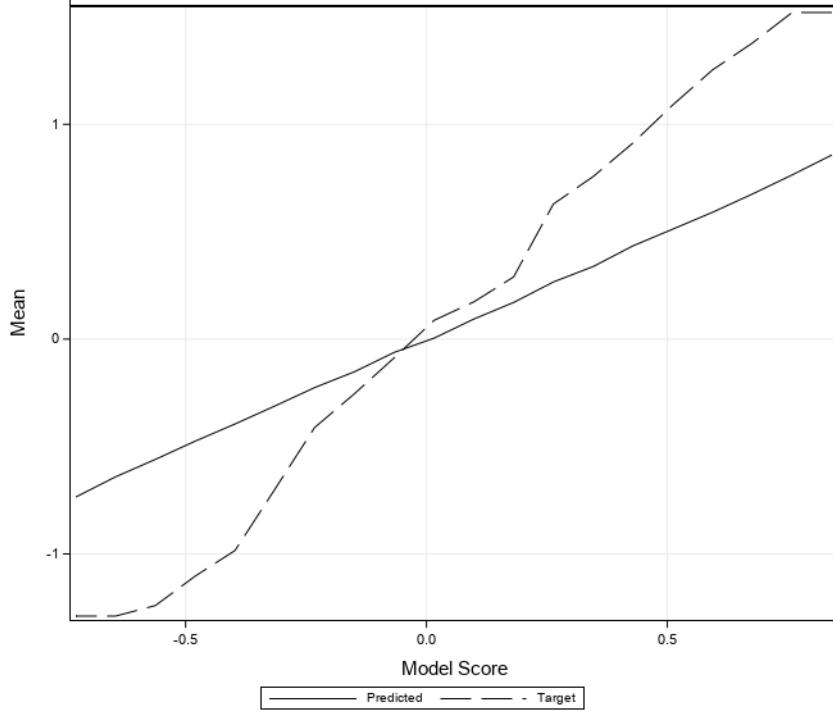


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

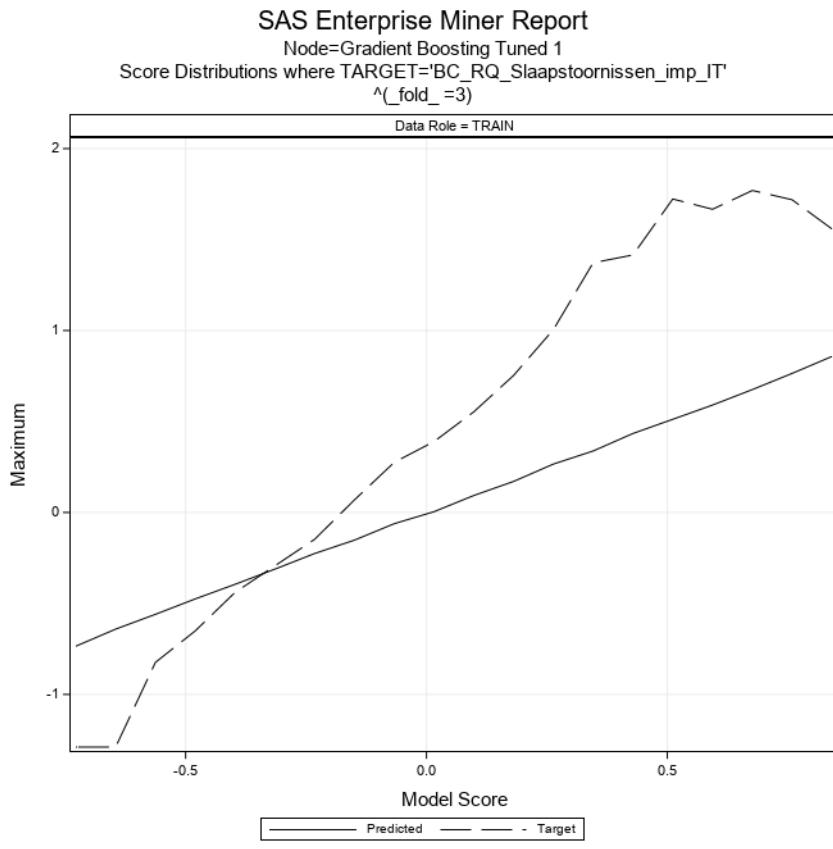


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

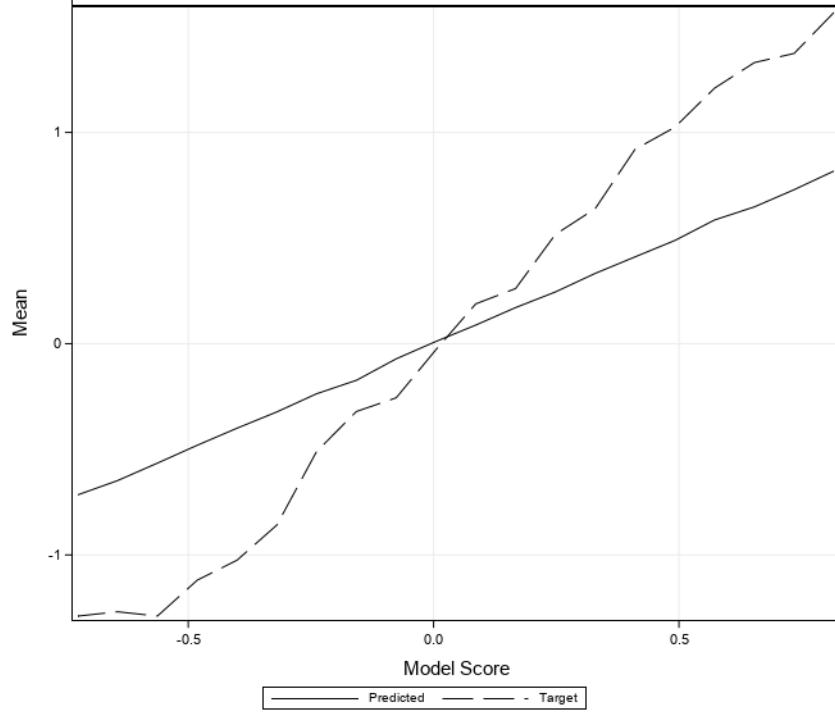


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

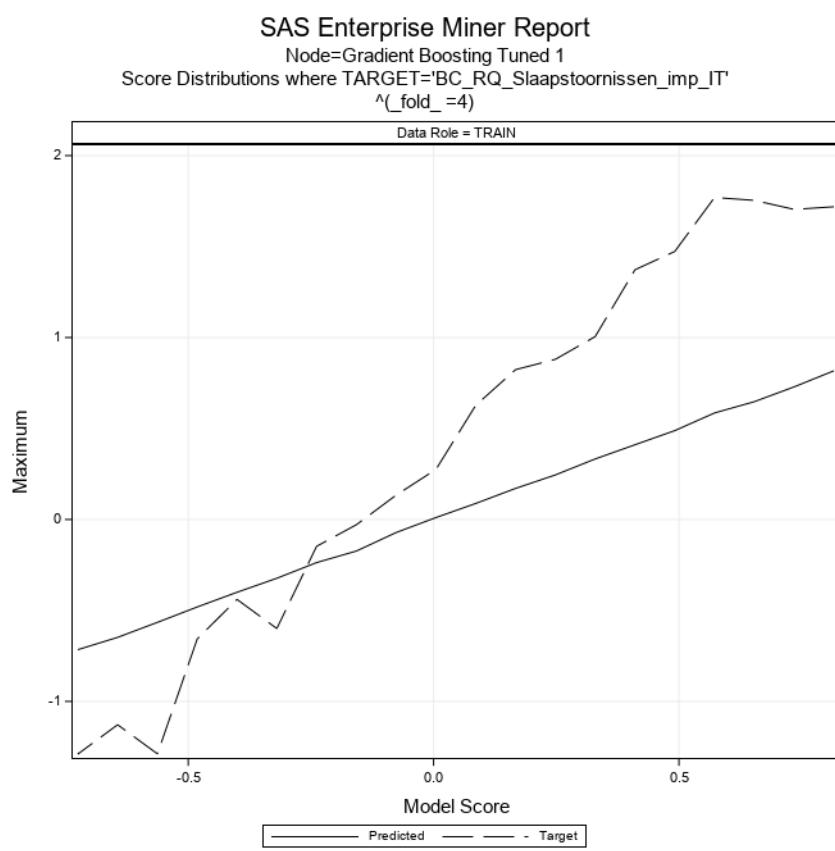


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}5)$

Data Role = TRAIN

Mean

1  
0  
-1

-0.5

0.0 0.5

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}5)$

Data Role = TRAIN

Maximum

2  
1  
0  
-1

-0.5

0.0 0.5

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

Mean

1  
0  
-1

-0.5 0.0 0.5

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

-0.5 0.0 0.5

Model Score

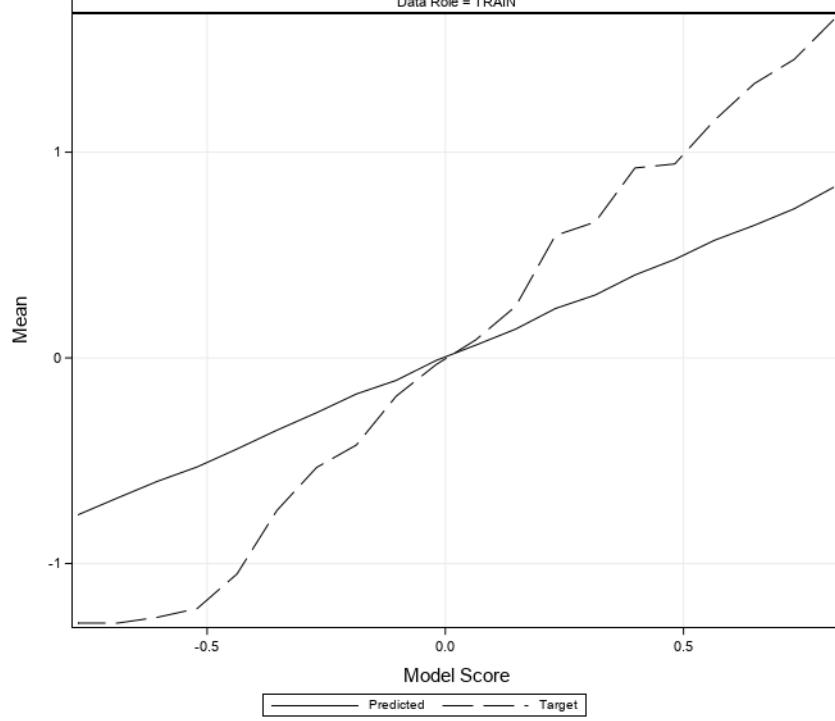
— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

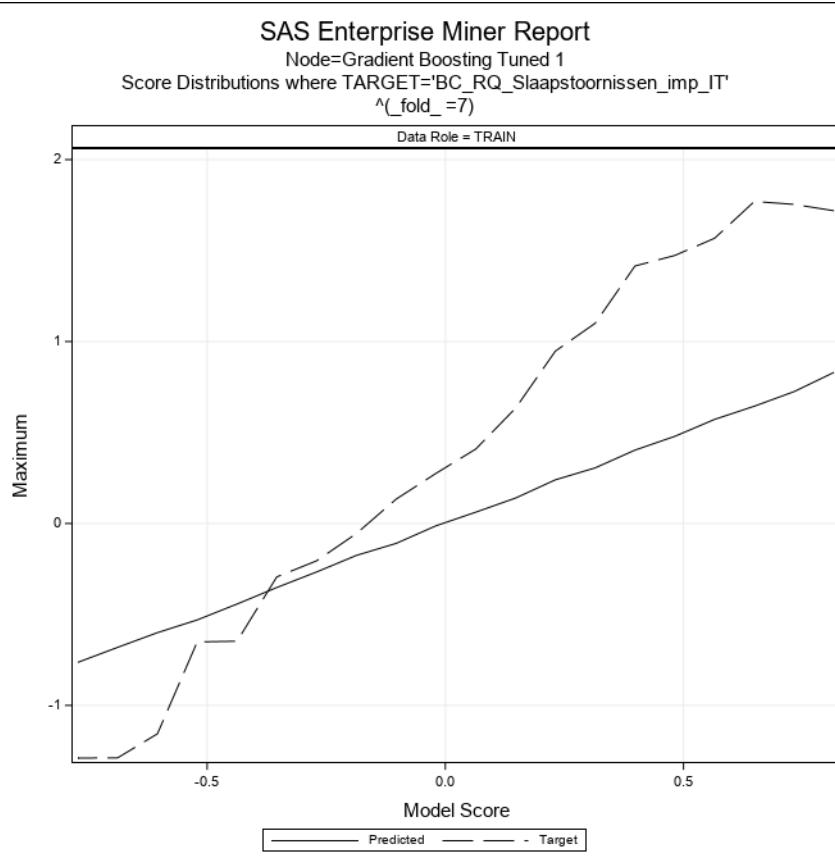


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

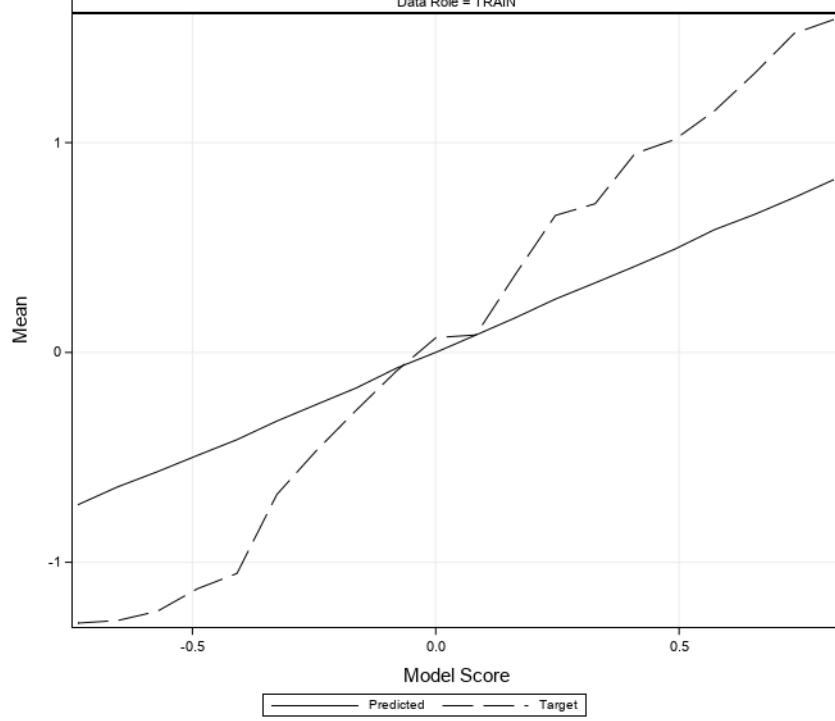


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1

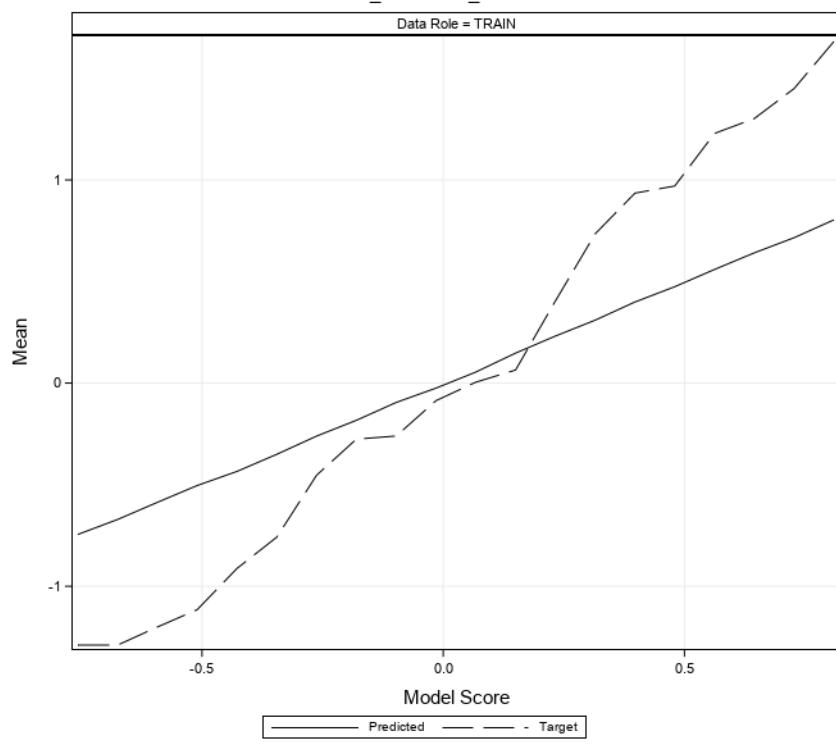
Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN



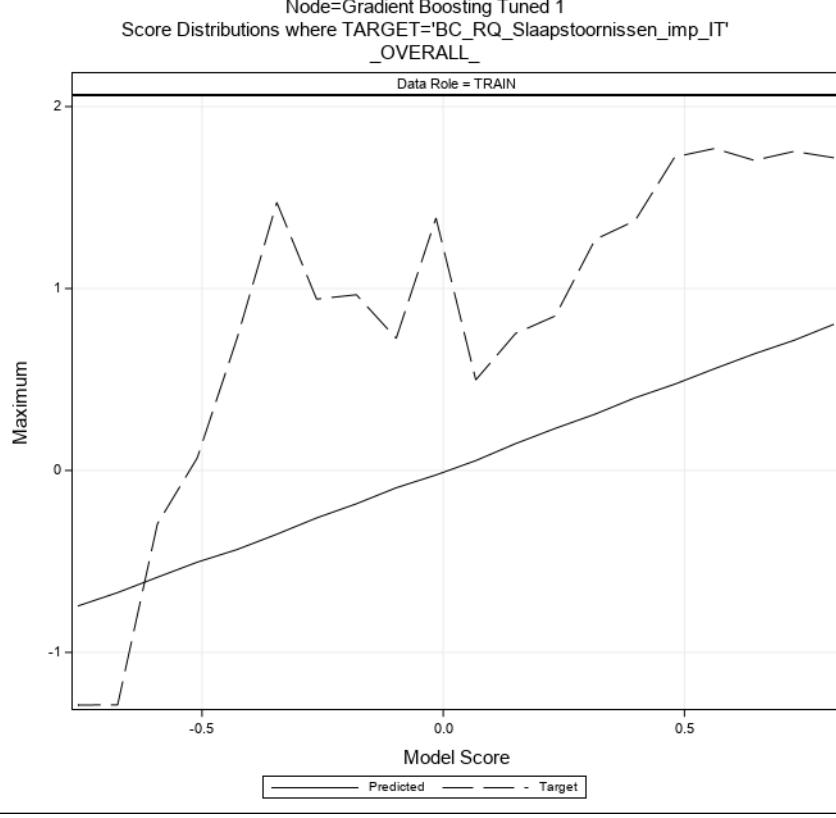
### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 \_OVERALL\_



### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 1  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 \_OVERALL\_



**Node=Gradient Boosting Tuned 1**  
**Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.771 - 0.854	0.80700	0.85358	0.77803	1.58048	1.71877	1.41905
0.689 - 0.771	0.71201	0.75555	0.69142	1.48898	1.75390	1.25123
0.607 - 0.689	0.64468	0.68718	0.61395	1.30312	1.76974	0.92436
0.525 - 0.607	0.56605	0.60542	0.52501	1.15245	1.56738	0.84963
0.443 - 0.525	0.48787	0.51623	0.45009	1.05094	1.51224	0.69707
0.360 - 0.443	0.41529	0.44248	0.36923	0.92939	1.41520	0.53499
0.278 - 0.360	0.32145	0.35774	0.27964	0.78927	1.47303	0.38251
0.196 - 0.278	0.24091	0.27755	0.19968	0.60927	0.84963	0.17608
0.114 - 0.196	0.15830	0.19450	0.11692	0.37907	0.65210	0.05382
0.031 - 0.114	0.05758	0.09205	0.03383	0.10199	0.40910	-0.17275
-0.051 - 0.031	-0.02397	0.01378	-0.04949	0.07145	0.32884	-0.11173
-0.133 - 0.051	-0.07876	-0.05503	-0.12408	-0.18197	0.13394	-0.61896
-0.215 - 0.133	-0.16652	-0.13908	-0.20584	-0.26848	0.11328	-0.60076
-0.297 - 0.215	-0.24701	-0.21701	-0.28528	-0.45600	-0.11173	-0.94555
-0.380 - 0.297	-0.33764	-0.29802	-0.37532	-0.72532	-0.39395	-1.28949
-0.462 - 0.380	-0.41785	-0.38002	-0.45431	-0.86201	-0.43944	-1.28949
-0.544 - 0.462	-0.50619	-0.46960	-0.54225	-1.18820	-0.78226	-1.28949
-0.626 - 0.544	-0.58415	-0.54430	-0.62335	-1.25577	-1.04326	-1.28949
-0.708 - 0.626	-0.67119	-0.62747	-0.70817	-1.28949	-1.28949	-1.28949
-0.791 - 0.708	-0.74656	-0.71774	-0.79059	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 1

#### Score Distributions

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.710 - 0.790	0.75439	0.78979	0.71168	1.55289	1.76974	1.27739
0.631 - 0.710	0.66666	0.70453	0.63280	1.36657	1.70423	0.94388
0.552 - 0.631	0.59209	0.62690	0.55980	1.28971	1.72302	0.98308
0.472 - 0.552	0.52379	0.55092	0.48386	1.12606	1.56738	0.63431
0.393 - 0.472	0.42939	0.46086	0.39632	0.93567	1.47303	0.53499
0.313 - 0.393	0.35033	0.38667	0.31704	0.91299	1.26982	0.47843
0.234 - 0.313	0.27537	0.30896	0.23628	0.63206	1.10033	0.17516
0.154 - 0.234	0.20182	0.23283	0.15590	0.53665	0.97910	0.05382
0.075 - 0.154	0.12176	0.15278	0.09307	0.22078	0.84963	-0.02880
-0.004 - 0.075	0.03980	0.07326	0.00449	0.01568	0.32884	-0.43832
-0.084 - 0.004	-0.04577	-0.00788	-0.07694	0.00718	0.38961	-0.29355
-0.163 - 0.084	-0.11372	-0.09253	-0.13358	-0.10128	0.11328	-0.61896
-0.243 - 0.163	-0.20268	-0.16873	-0.23820	-0.33351	-0.02880	-0.61896
-0.322 - 0.243	-0.28676	-0.25063	-0.32178	-0.49072	-0.14766	-1.15607
-0.402 - 0.322	-0.36371	-0.32458	-0.39840	-0.80817	-0.35213	-1.28949
-0.481 - 0.402	-0.44895	-0.40176	-0.48061	-1.04679	-0.64719	-1.28949
-0.560 - 0.481	-0.51477	-0.48162	-0.55853	-1.14195	-0.65100	-1.28949
-0.640 - 0.560	-0.60241	-0.56399	-0.63472	-1.24182	-1.04326	-1.28949
-0.719 - 0.640	-0.68160	-0.64376	-0.71760	-1.28369	-1.15607	-1.28949
-0.799 - 0.719	-0.75463	-0.72109	-0.79861	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 1

#### Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.800 - 0.883	0.85750	0.88301	0.83198	1.52075	1.55847	1.48303
0.718 - 0.800	0.76447	0.79577	0.72176	1.52075	1.71877	1.27739
0.635 - 0.718	0.67543	0.71035	0.63705	1.37838	1.76974	1.09472
0.553 - 0.635	0.59051	0.63337	0.55733	1.25341	1.66657	0.84963
0.470 - 0.553	0.51207	0.54900	0.47114	1.09026	1.72302	0.70134
0.387 - 0.470	0.43420	0.46825	0.38856	0.91310	1.41520	0.53499
0.305 - 0.387	0.33792	0.38181	0.30557	0.75686	1.37243	0.46525
0.222 - 0.305	0.26599	0.30223	0.22490	0.62887	1.00501	0.19467
0.140 - 0.222	0.17060	0.21769	0.14071	0.28929	0.75303	-0.17275
0.057 - 0.140	0.09327	0.13684	0.06189	0.17324	0.55302	-0.12652
-0.026 - 0.057	0.00431	0.02530	-0.01952	0.08719	0.38961	-0.15701
-0.108 - -0.026	-0.06182	-0.02597	-0.08856	-0.08699	0.27536	-0.43832
-0.191 - -0.108	-0.15208	-0.10851	-0.18706	-0.25449	0.06892	-0.61896
-0.274 - -0.191	-0.22567	-0.19929	-0.25874	-0.41168	-0.14766	-0.94555
-0.356 - -0.274	-0.31152	-0.29081	-0.33056	-0.69944	-0.29355	-1.28949
-0.439 - -0.356	-0.39508	-0.36921	-0.43528	-0.98417	-0.43944	-1.28949
-0.521 - -0.439	-0.47508	-0.44126	-0.51827	-1.10333	-0.65100	-1.28949
-0.604 - -0.521	-0.55989	-0.52720	-0.60182	-1.24046	-0.82397	-1.28949
-0.687 - -0.604	-0.64112	-0.60423	-0.68565	-1.28949	-1.28949	-1.28949
-0.769 - -0.687	-0.73509	-0.70184	-0.76920	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Tuned 1

### Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.775 - 0.856	0.81724	0.85640	0.79884	1.56774	1.71877	1.41905
0.694 - 0.775	0.72891	0.76311	0.70549	1.37392	1.70423	1.17092
0.613 - 0.694	0.64742	0.69088	0.61489	1.33050	1.75390	0.97127
0.532 - 0.613	0.58550	0.61098	0.53744	1.20954	1.76974	0.84963
0.451 - 0.532	0.48825	0.53151	0.45818	1.02424	1.47303	0.63431
0.370 - 0.451	0.41069	0.44292	0.37779	0.91958	1.37243	0.53499
0.289 - 0.370	0.33257	0.36067	0.30420	0.63889	1.00501	0.38251
0.208 - 0.289	0.24480	0.28588	0.20822	0.51713	0.88044	0.05382
0.127 - 0.208	0.17080	0.20393	0.13153	0.26084	0.82346	-0.12652
0.045 - 0.127	0.08811	0.12602	0.04940	0.18847	0.62767	-0.02880
-0.036 - 0.045	0.01056	0.04034	-0.03542	-0.02820	0.27536	-0.43832
-0.117 - -0.036	-0.07167	-0.03669	-0.10272	-0.25621	0.13394	-0.61896
-0.198 - -0.117	-0.17343	-0.15208	-0.19359	-0.32112	-0.02880	-0.61896
-0.279 - -0.198	-0.23700	-0.19973	-0.27386	-0.51041	-0.14766	-0.87727
-0.360 - -0.279	-0.32316	-0.29028	-0.35873	-0.85868	-0.59944	-1.28949
-0.441 - -0.360	-0.40013	-0.36126	-0.43939	-1.02502	-0.43944	-1.28949
-0.522 - -0.441	-0.48097	-0.44125	-0.52174	-1.11957	-0.65683	-1.28949
-0.603 - -0.522	-0.56540	-0.53007	-0.60040	-1.28943	-1.28820	-1.28949
-0.684 - -0.603	-0.64807	-0.60347	-0.68411	-1.26910	-1.12813	-1.28949
-0.766 - -0.684	-0.71550	-0.68831	-0.76553	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Tuned 1

### Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.801 - 0.883	0.82913	0.88333	0.80136	1.44785	1.55847	1.33085
0.718 - 0.801	0.76137	0.79827	0.71802	1.51282	1.71877	1.25123
0.635 - 0.718	0.66992	0.71638	0.63685	1.35922	1.75390	0.92436
0.552 - 0.635	0.60145	0.63268	0.56330	1.21965	1.76974	0.84963
0.470 - 0.552	0.51209	0.54487	0.47099	1.05990	1.30172	0.63431
0.387 - 0.470	0.42283	0.46636	0.38758	0.96508	1.72302	0.62051
0.304 - 0.387	0.33790	0.38692	0.30833	0.84296	1.41520	0.49777
0.222 - 0.304	0.25648	0.29091	0.22188	0.59583	0.97910	0.05382
0.139 - 0.222	0.17522	0.22137	0.13976	0.39558	0.85677	-0.17275
0.056 - 0.139	0.09352	0.13041	0.05955	0.08973	0.32620	-0.12652
-0.027 - 0.056	0.01609	0.04549	-0.00028	0.08993	0.40910	-0.10535
-0.109 - -0.027	-0.05557	-0.02680	-0.09435	-0.09869	0.27536	-0.43832
-0.192 - -0.109	-0.14893	-0.11152	-0.18587	-0.27374	0.10661	-0.61896
-0.275 - -0.192	-0.23833	-0.19829	-0.27023	-0.43708	-0.12652	-1.28949
-0.357 - -0.275	-0.31034	-0.27944	-0.34758	-0.59166	-0.29355	-0.94555
-0.440 - -0.357	-0.39780	-0.35940	-0.43704	-0.93273	-0.45518	-1.28949
-0.523 - -0.440	-0.47895	-0.44450	-0.51958	-1.15179	-0.70002	-1.28949
-0.606 - -0.523	-0.56414	-0.52502	-0.60264	-1.24737	-0.82397	-1.28949
-0.688 - -0.606	-0.65180	-0.61227	-0.68464	-1.28282	-1.15607	-1.28949
-0.771 - -0.688	-0.71008	-0.69024	-0.77104	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 1

#### Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.769 - 0.851	0.81086	0.85108	0.77062	1.59599	1.70423	1.41905
0.687 - 0.769	0.71742	0.74594	0.68710	1.40114	1.71877	1.17092
0.605 - 0.687	0.65063	0.68679	0.60702	1.26851	1.75390	0.92436
0.523 - 0.605	0.56450	0.60149	0.52444	1.15937	1.76974	0.84963
0.440 - 0.523	0.47074	0.51504	0.44151	0.99051	1.56738	0.63431
0.358 - 0.440	0.39723	0.43260	0.36192	0.85955	1.25802	0.47843
0.276 - 0.358	0.31148	0.35286	0.27804	0.80348	1.47303	0.30195
0.194 - 0.276	0.23474	0.26883	0.20108	0.52647	0.88044	0.05382
0.112 - 0.194	0.15915	0.19280	0.12365	0.32676	0.69707	-0.02880
0.030 - 0.112	0.06037	0.09105	0.03411	0.09201	0.75303	-0.12652
-0.052 - 0.030	-0.01575	0.01511	-0.04827	-0.07852	0.32884	-0.43832
-0.134 - -0.052	-0.09431	-0.06547	-0.12469	-0.11607	0.27536	-0.56265
-0.217 - -0.134	-0.16836	-0.13963	-0.21198	-0.23266	0.13394	-0.61896
-0.299 - -0.217	-0.27207	-0.23786	-0.29434	-0.70916	-0.22210	-1.28949
-0.381 - -0.299	-0.34324	-0.30495	-0.37533	-0.71999	-0.14766	-1.28949
-0.463 - -0.381	-0.42074	-0.38806	-0.46170	-0.98596	-0.64719	-1.28949
-0.545 - -0.463	-0.51102	-0.46794	-0.54461	-1.17980	-0.78226	-1.28949
-0.627 - -0.545	-0.57624	-0.54559	-0.60888	-1.24480	-0.82397	-1.28949
-0.709 - -0.627	-0.66516	-0.62898	-0.70351	-1.27608	-1.15607	-1.28949
-0.792 - -0.709	-0.74573	-0.71494	-0.79151	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 1

#### Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.774 - 0.858	0.83026	0.85754	0.78559	1.64541	1.71877	1.55847
0.690 - 0.774	0.72490	0.77294	0.69210	1.45100	1.75390	1.27739
0.607 - 0.690	0.64454	0.68986	0.60823	1.33369	1.76974	0.92436
0.523 - 0.607	0.57197	0.60228	0.52700	1.15548	1.56738	0.84963
0.440 - 0.523	0.47874	0.51652	0.44654	0.94292	1.47303	0.53499
0.356 - 0.440	0.40319	0.43825	0.35726	0.92331	1.41520	0.19467
0.273 - 0.356	0.30551	0.34978	0.27487	0.66033	1.10033	0.30195
0.189 - 0.273	0.23989	0.27056	0.20918	0.59490	0.94731	0.17516
0.106 - 0.189	0.13974	0.18147	0.12066	0.25030	0.63374	-0.17275
0.022 - 0.106	0.06210	0.10202	0.02270	0.08758	0.40910	-0.12652
-0.061 - 0.022	-0.01278	0.01361	-0.04827	-0.03311	0.27536	-0.43832
-0.145 - 0.061	-0.10943	-0.06361	-0.14438	-0.18616	0.13394	-0.61896
-0.228 - 0.145	-0.17556	-0.14544	-0.22265	-0.42358	-0.05541	-0.81979
-0.312 - 0.228	-0.26653	-0.22915	-0.30855	-0.53293	-0.20528	-1.00362
-0.396 - 0.312	-0.35195	-0.31229	-0.39433	-0.74246	-0.29355	-1.28949
-0.479 - 0.396	-0.44295	-0.40777	-0.47627	-1.05067	-0.64719	-1.28949
-0.563 - 0.479	-0.53014	-0.48357	-0.56251	-1.21863	-0.65100	-1.28949
-0.646 - 0.563	-0.60016	-0.56633	-0.64412	-1.26140	-1.15607	-1.28949
-0.730 - 0.646	-0.68088	-0.64991	-0.72472	-1.28942	-1.28820	-1.28949
-0.813 - 0.730	-0.76333	-0.73726	-0.81319	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 1

#### Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.777 - 0.859	0.82385	0.85918	0.80368	1.58676	1.71877	1.48303
0.696 - 0.777	0.73803	0.77130	0.69702	1.52000	1.76974	1.27739
0.614 - 0.696	0.65747	0.69528	0.61427	1.32885	1.70423	0.92436
0.532 - 0.614	0.58522	0.61365	0.53294	1.15165	1.72302	0.84963
0.450 - 0.532	0.49237	0.52578	0.45844	1.01459	1.30384	0.63431
0.369 - 0.450	0.41066	0.45000	0.37000	0.94785	1.47303	0.53499
0.287 - 0.369	0.33164	0.36623	0.29233	0.70874	1.25802	0.25804
0.205 - 0.287	0.25441	0.28663	0.22665	0.65311	1.18466	0.17516
0.123 - 0.205	0.16583	0.20327	0.12996	0.37356	0.75303	0.04568
0.041 - 0.123	0.08284	0.12240	0.04367	0.08340	0.48165	-0.12652
-0.040 - 0.041	0.00085	0.04051	-0.03683	0.07077	0.40910	-0.29355
-0.122 - 0.040	-0.07520	-0.04953	-0.12198	-0.08970	0.11328	-0.43832
-0.204 - 0.122	-0.16875	-0.12413	-0.20362	-0.27441	0.13394	-0.61896
-0.286 - 0.204	-0.24748	-0.21425	-0.27652	-0.46649	-0.14766	-0.81979
-0.367 - 0.286	-0.32701	-0.28695	-0.36727	-0.67700	-0.39395	-1.00362
-0.449 - 0.367	-0.41538	-0.36929	-0.44912	-1.05273	-0.53102	-1.28949
-0.531 - 0.449	-0.49092	-0.45257	-0.52859	-1.12635	-0.78226	-1.28949
-0.613 - 0.531	-0.56812	-0.53143	-0.61258	-1.23315	-0.65100	-1.28949
-0.695 - 0.613	-0.64052	-0.61325	-0.69015	-1.27736	-1.15607	-1.28949
-0.776 - 0.695	-0.72572	-0.69710	-0.77638	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 1

#### Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.769 - 0.851	0.80359	0.85108	0.77062	1.68145	1.71877	1.65900
0.686 - 0.769	0.71568	0.76395	0.68664	1.44988	1.75390	1.25123
0.604 - 0.686	0.64121	0.68252	0.60565	1.30212	1.70423	0.92080
0.521 - 0.604	0.55939	0.60023	0.52578	1.22889	1.76974	0.88680
0.439 - 0.521	0.47445	0.51941	0.44116	0.97005	1.72302	0.19467
0.356 - 0.439	0.39916	0.43763	0.35863	0.93501	1.37243	0.47843
0.274 - 0.356	0.30973	0.35231	0.27426	0.73448	1.26982	0.38251
0.191 - 0.274	0.23142	0.27013	0.19413	0.40398	0.84963	-1.28949
0.109 - 0.191	0.14761	0.18724	0.10983	0.06443	0.75303	-1.28949
0.026 - 0.109	0.05423	0.09869	0.02677	0.00451	0.49777	-1.28949
-0.056 - 0.026	-0.02473	0.01413	-0.05478	-0.08643	1.38767	-0.81600
-0.139 - -0.056	-0.09524	-0.06361	-0.13194	-0.26052	0.72629	-1.28949
-0.221 - -0.139	-0.18310	-0.14299	-0.22085	-0.27573	0.96579	-1.28949
-0.304 - -0.221	-0.26086	-0.22447	-0.30044	-0.45344	0.94185	-1.28949
-0.386 - -0.304	-0.35040	-0.31200	-0.38350	-0.75805	1.47303	-1.28949
-0.469 - -0.386	-0.43468	-0.39568	-0.46529	-0.91220	0.72559	-1.28949
-0.551 - -0.469	-0.50406	-0.46911	-0.53914	-1.11501	0.06892	-1.28949
-0.634 - -0.551	-0.58685	-0.55282	-0.63294	-1.20049	-0.29355	-1.28949
-0.716 - -0.634	-0.67125	-0.63472	-0.71083	-1.28942	-1.28820	-1.28949
-0.799 - -0.716	-0.74493	-0.71628	-0.79861	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Tuned 1

### Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	338
2	^(fold_=2)	346
3	^(fold_=3)	336
4	^(fold_=4)	348
5	^(fold_=5)	349
6	^(fold_=6)	355
7	^(fold_=7)	347
8	^(fold_=8)	332

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp12  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp12 => Boost2 => EndGrp12  
 Notes =

### Node=End Groups Properties

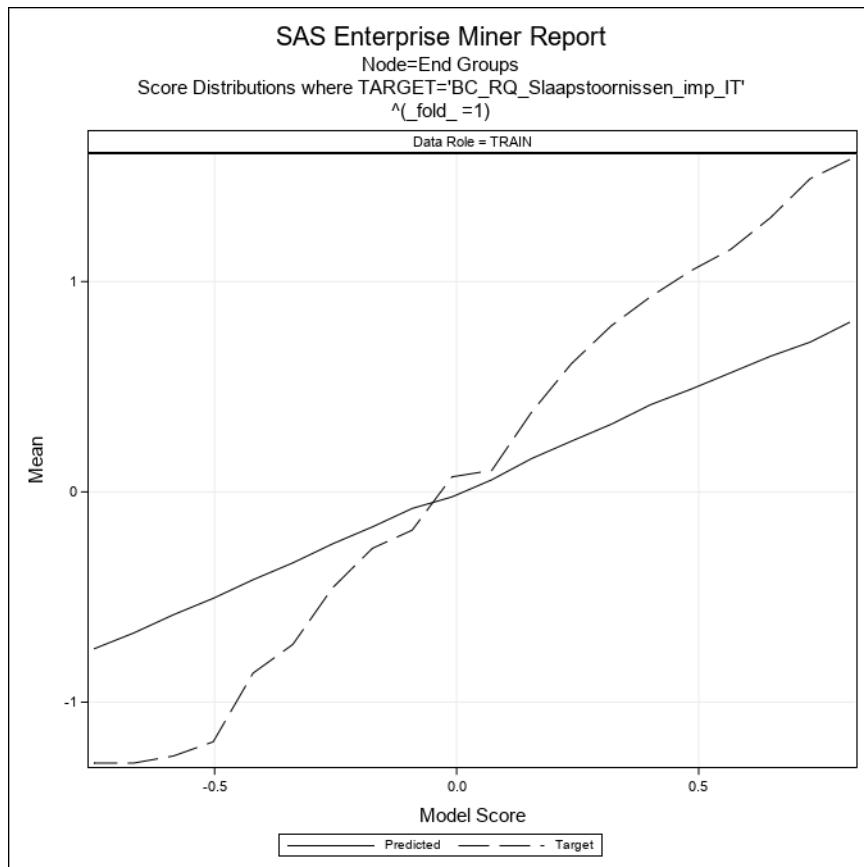
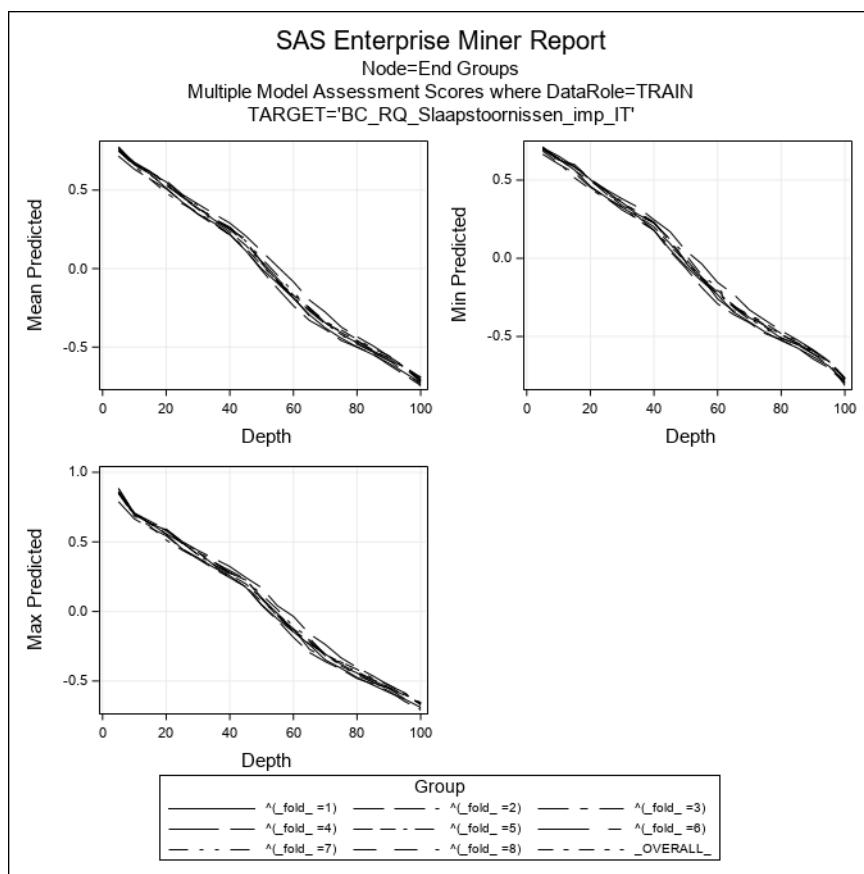
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

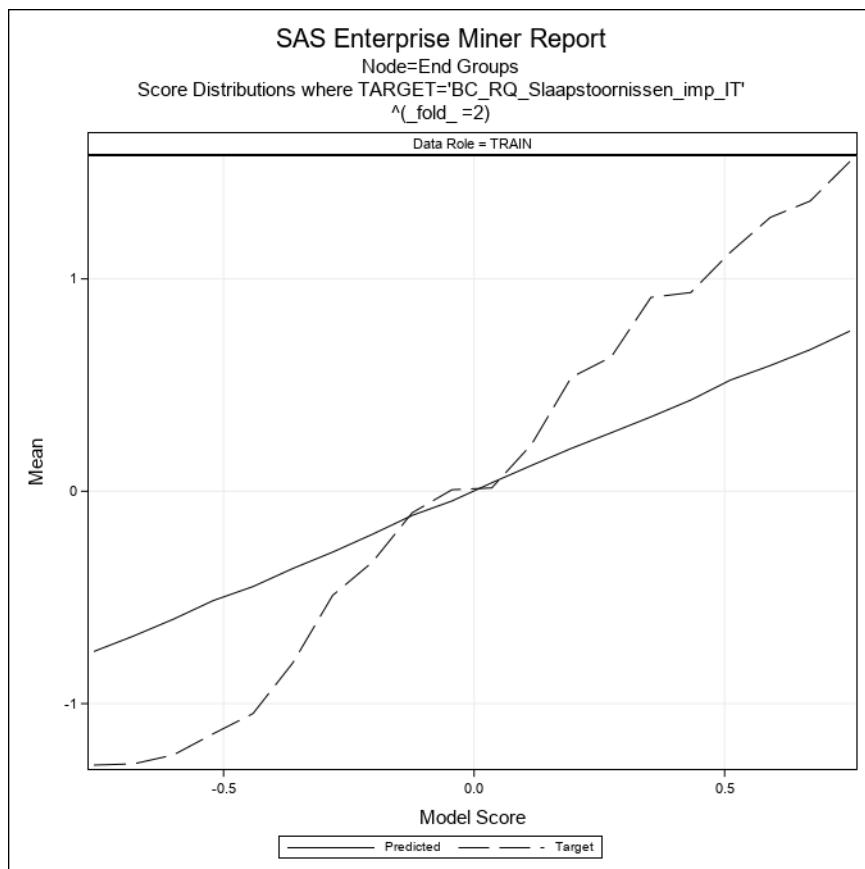
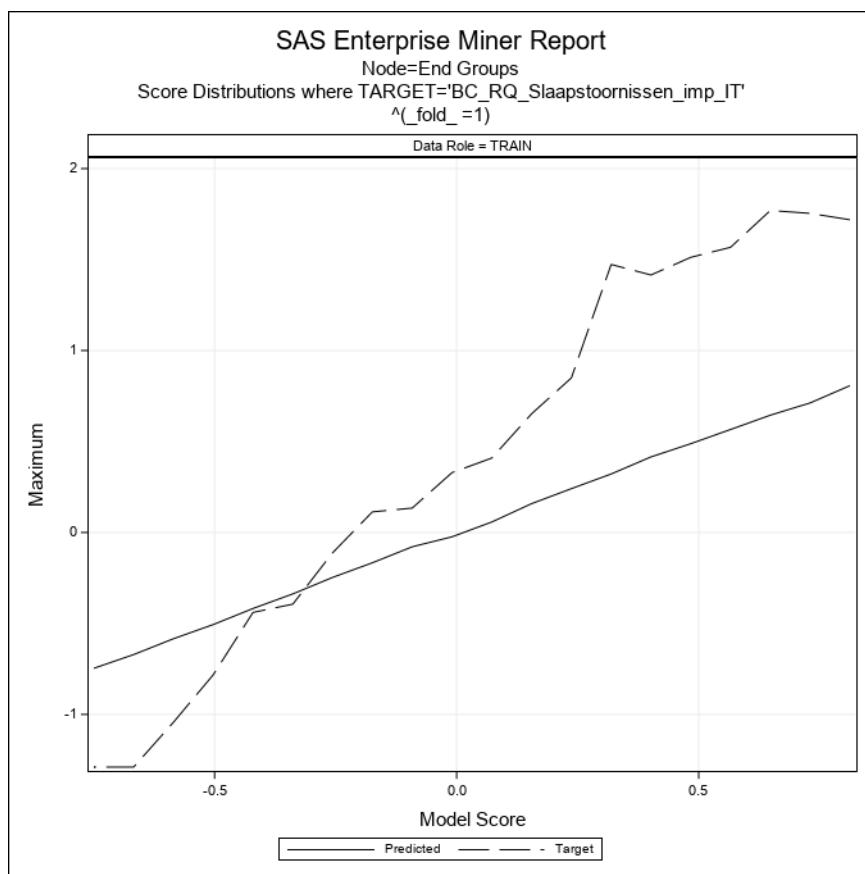
### Node=End Groups Variable Summary

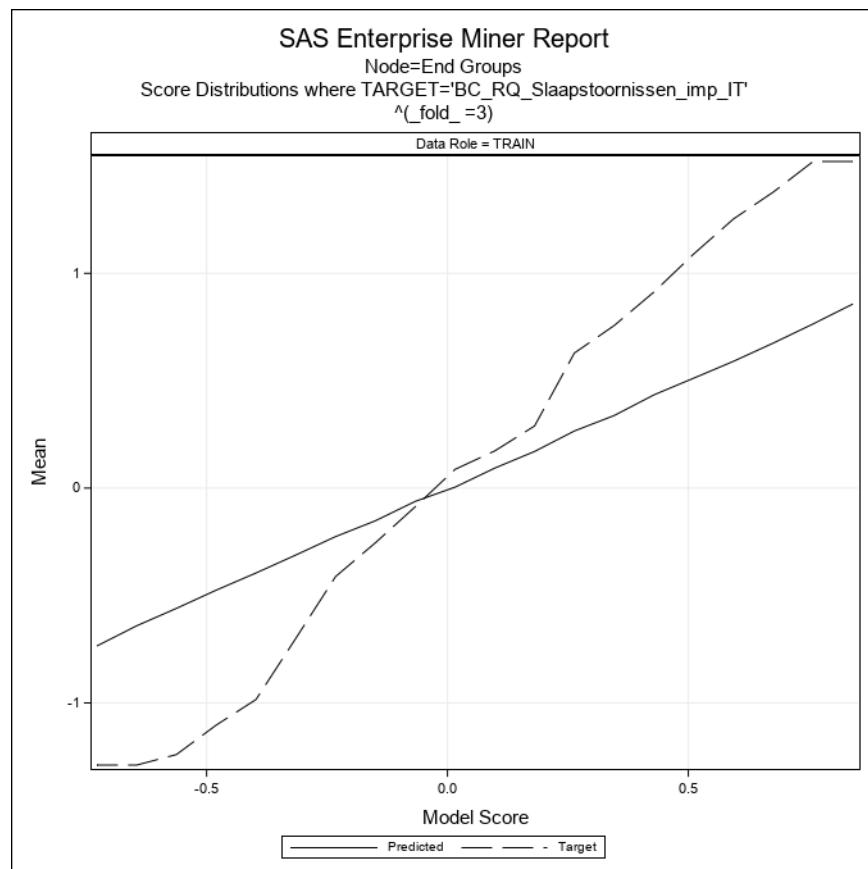
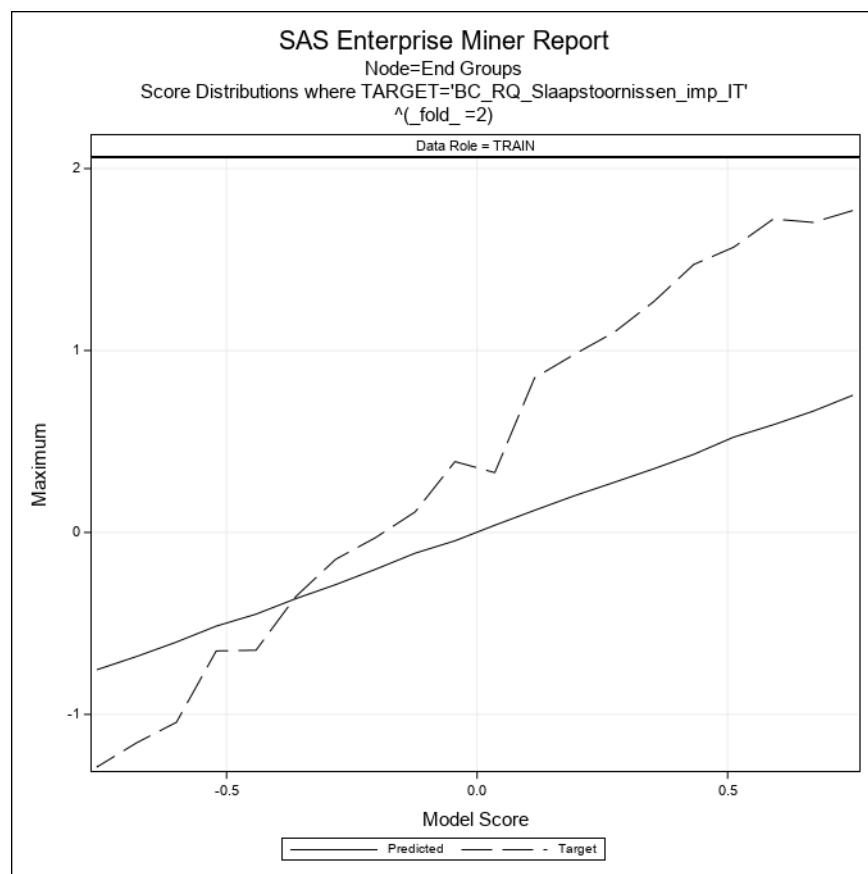
Role	Level	Frequency		Train: Sum of Case	Weights
		Count	Name		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSASTot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr		
INPUT	NOMINAL	2	classification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

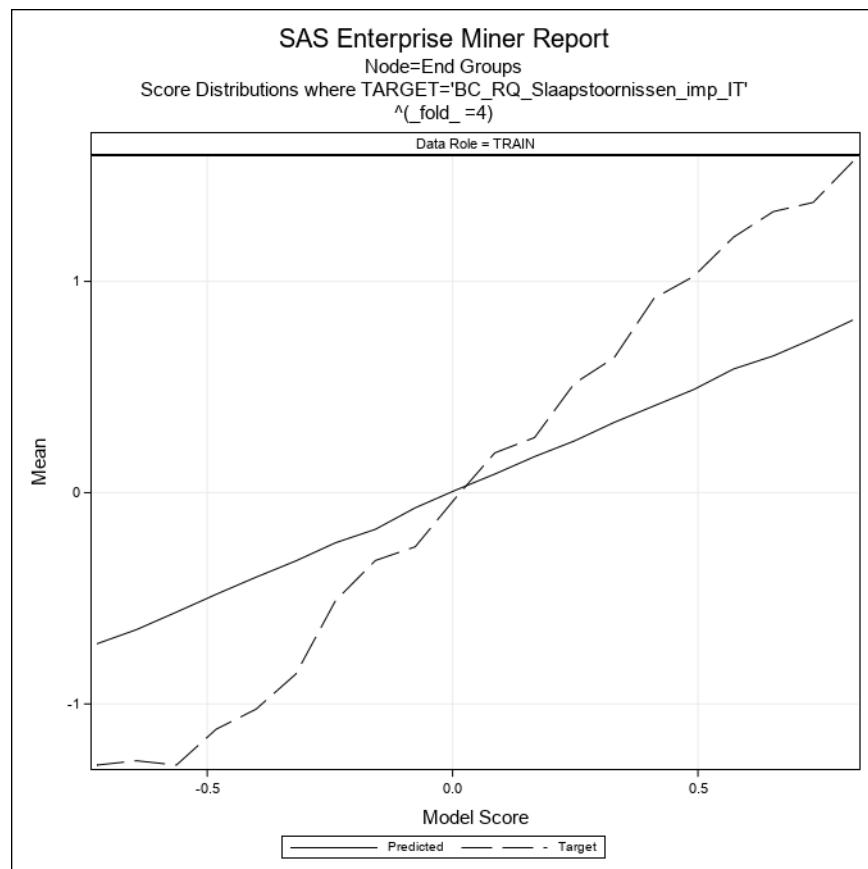
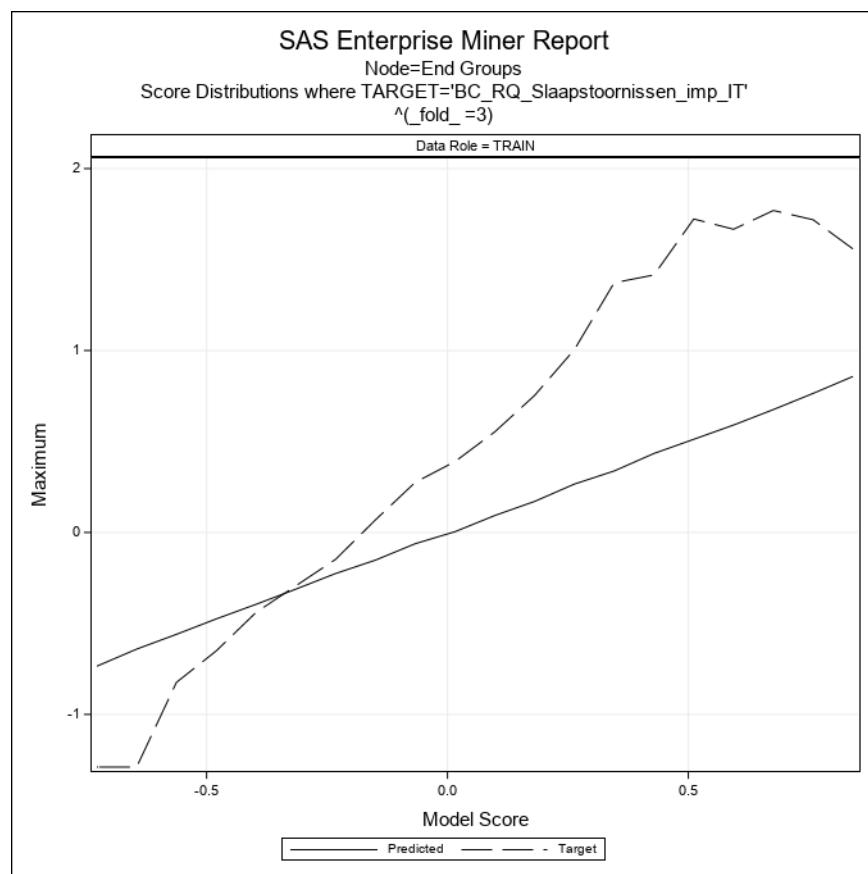
Group Index	Group	ModelId	Train: Target Variable	Train: Frequencies		Weights Times Freq
				Sum of	Case	
1	^(fold_=1)	Boost2	BC_RQ_Slaapstoornissen_imp_IT	344	344	
2	^(fold_=2)	Boost2	BC_RQ_Slaapstoornissen_imp_IT	354	354	
3	^(fold_=3)	Boost2	BC_RQ_Slaapstoornissen_imp_IT	343	343	
4	^(fold_=4)	Boost2	BC_RQ_Slaapstoornissen_imp_IT	342	342	
5	^(fold_=5)	Boost2	BC_RQ_Slaapstoornissen_imp_IT	336	336	
6	^(fold_=6)	Boost2	BC_RQ_Slaapstoornissen_imp_IT	337	337	
7	^(fold_=7)	Boost2	BC_RQ_Slaapstoornissen_imp_IT	352	352	
8	^(fold_=8)	Boost2	BC_RQ_Slaapstoornissen_imp_IT	349	349	
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	393	.	

Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root Squared Error	Train: Divisor for ASE		Degrees of Freedom	Target Label
				Root	Train: Total		
1.13278	103.492	0.30085	0.54850	344	344	ReQuest (sleep subscale) (Box-Cox transformed)	
1.15451	109.031	0.30800	0.55497	354	354	ReQuest (sleep subscale) (Box-Cox transformed)	
1.20362	105.840	0.30857	0.55549	343	343	ReQuest (sleep subscale) (Box-Cox transformed)	
1.18756	103.562	0.30281	0.55029	342	342	ReQuest (sleep subscale) (Box-Cox transformed)	
1.26323	101.779	0.30291	0.55037	336	336	ReQuest (sleep subscale) (Box-Cox transformed)	
1.19729	102.815	0.30509	0.55235	337	337	ReQuest (sleep subscale) (Box-Cox transformed)	
1.09044	106.821	0.30347	0.55088	352	352	ReQuest (sleep subscale) (Box-Cox transformed)	
1.13246	105.491	0.30227	0.54979	349	349	ReQuest (sleep subscale) (Box-Cox transformed)	
1.48101	142.110	0.36160	0.60134	393	.	ReQuest (sleep subscale) (Box-Cox transformed)	









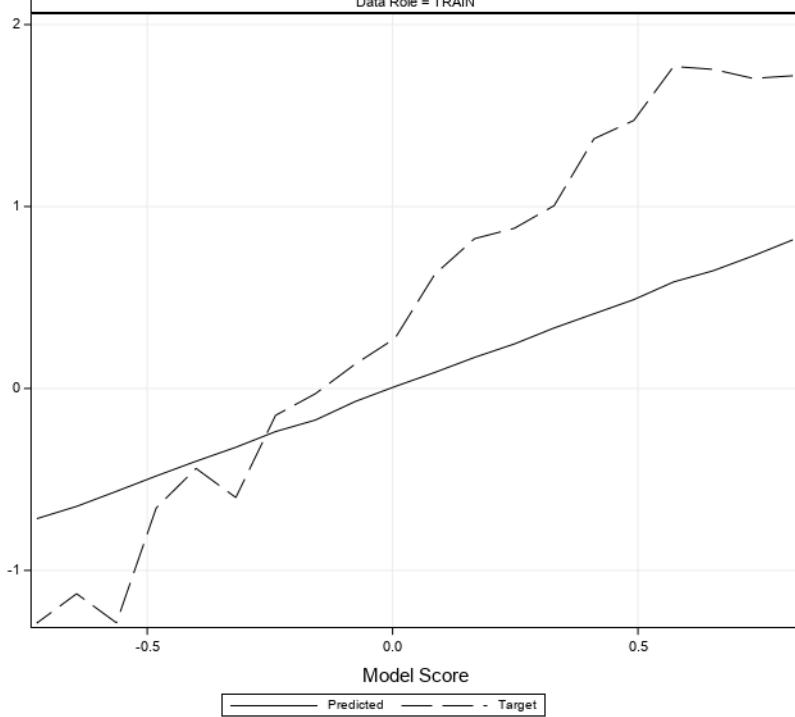
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

Maximum



Legend: — Predicted - - Target

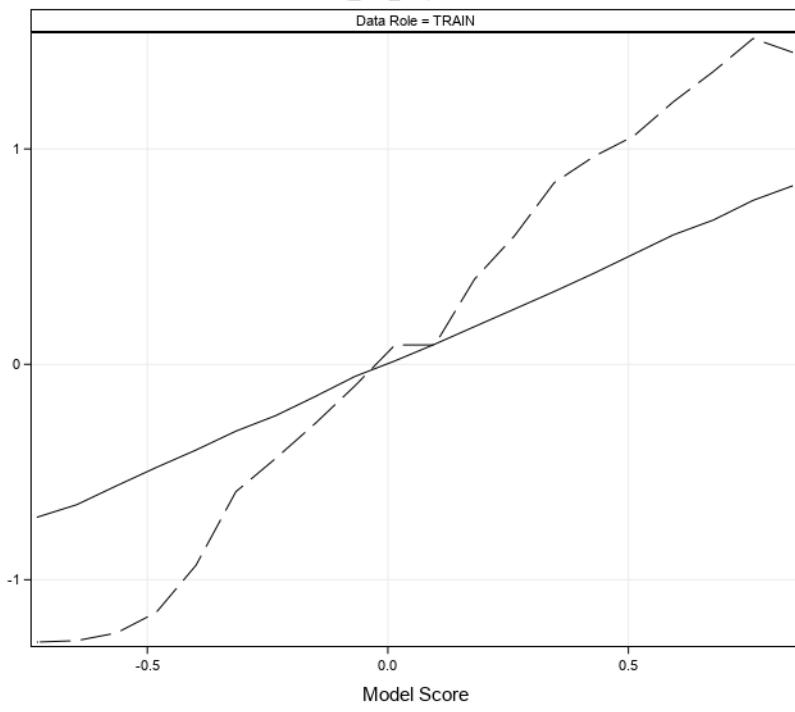
### SAS Enterprise Miner Report

Node=End Groups

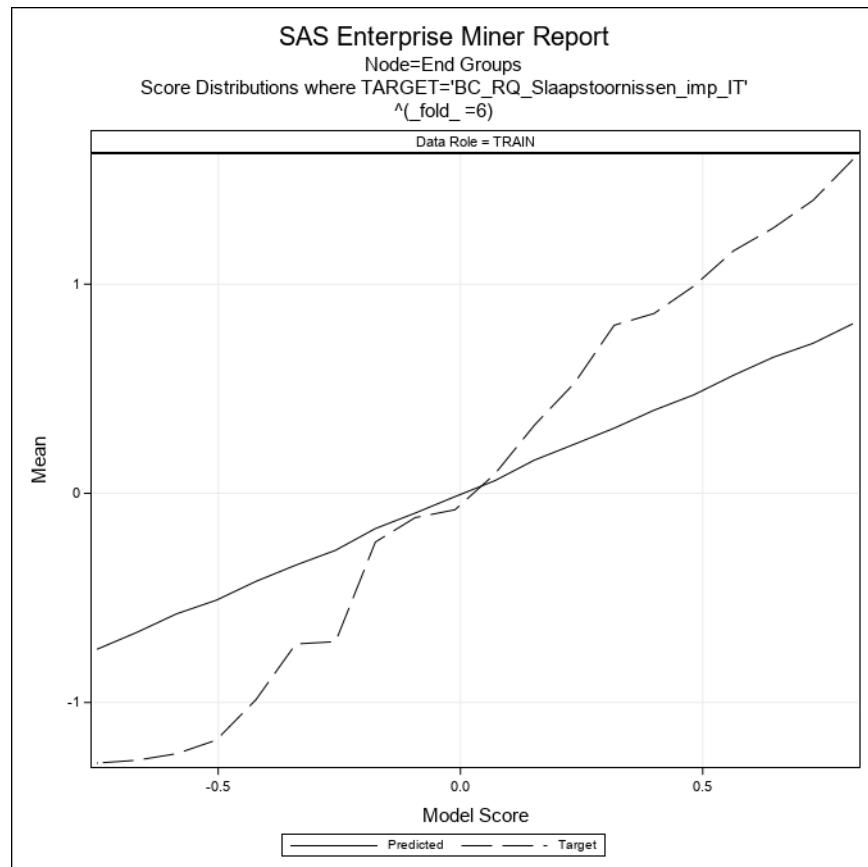
Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

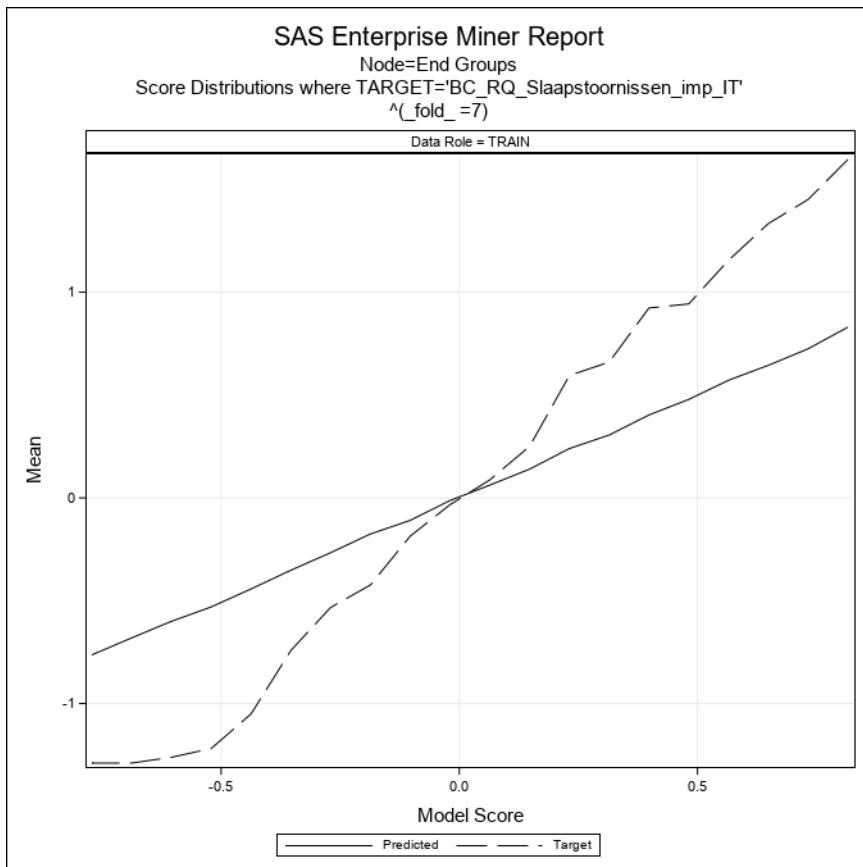
Data Role = TRAIN

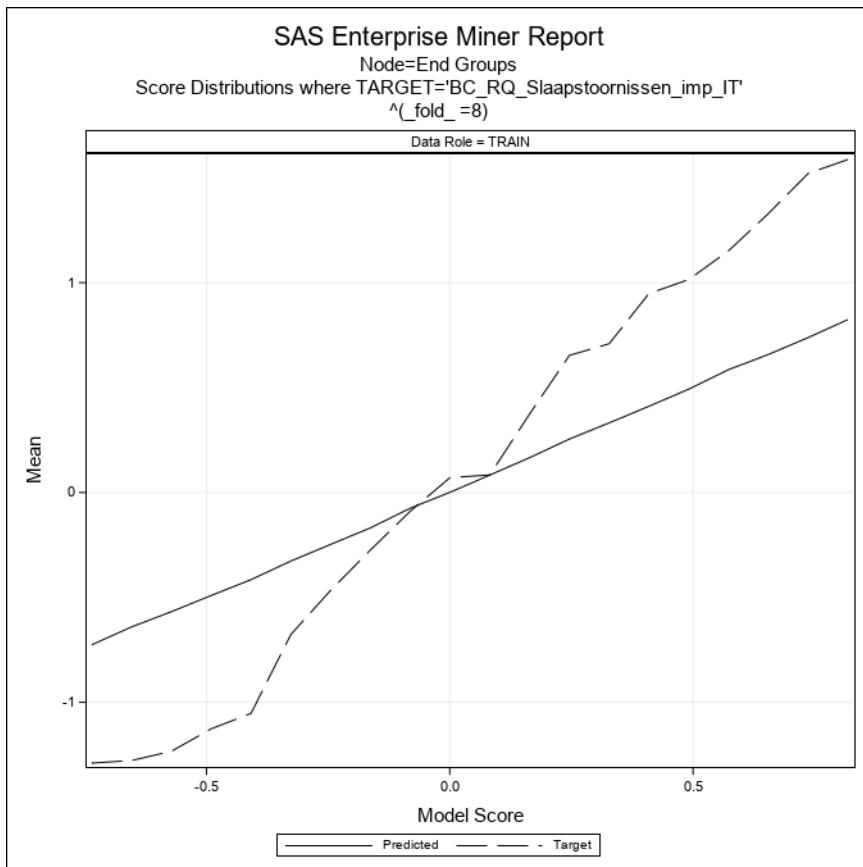
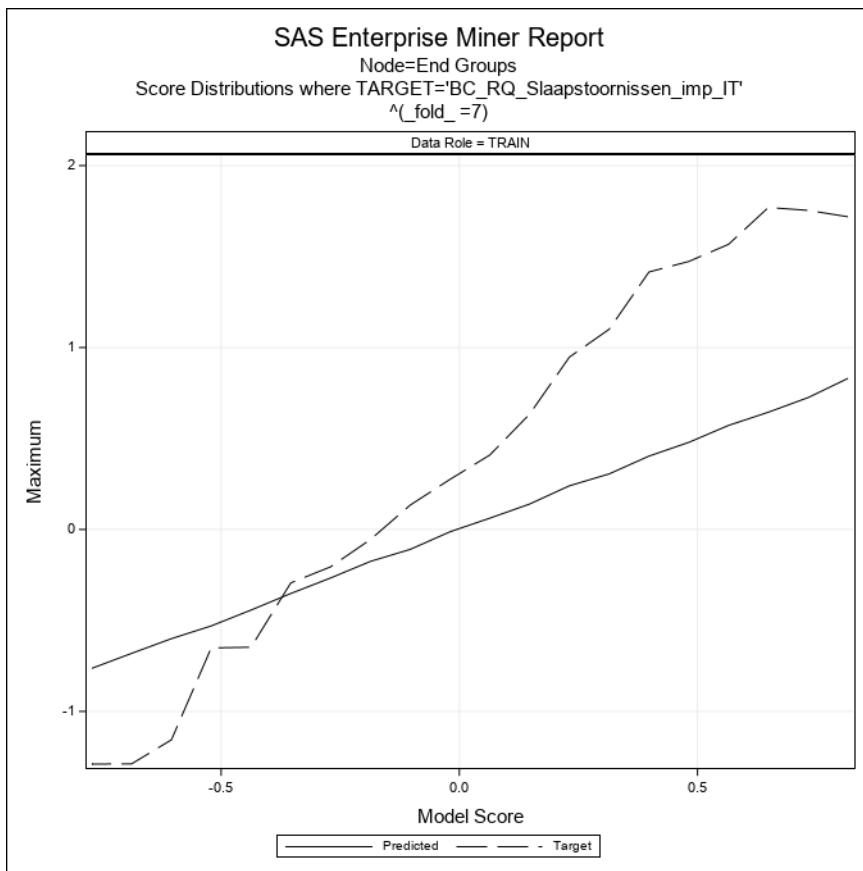
Mean

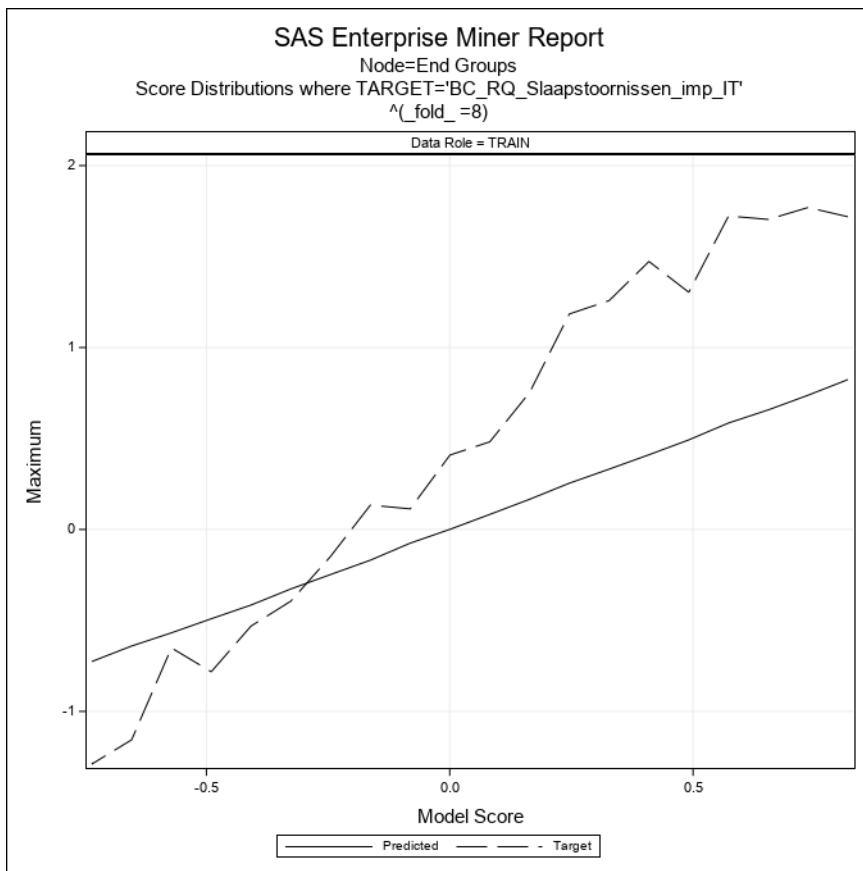


Legend: — Predicted - - Target











### **Node=End Groups Score Distributions**

Group=<sup>^</sup>(fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.771 - 0.854	0.80700	0.85358	0.77803	1.58048	1.71877	1.41905
0.689 - 0.771	0.71201	0.75555	0.69142	1.48898	1.75390	1.25123
0.607 - 0.689	0.64468	0.68718	0.61395	1.30312	1.76974	0.92436
0.525 - 0.607	0.56605	0.60542	0.52501	1.15245	1.56738	0.84963
0.443 - 0.525	0.48787	0.51623	0.45009	1.05094	1.51224	0.69707
0.360 - 0.443	0.41529	0.44248	0.36923	0.92939	1.41520	0.53499
0.278 - 0.360	0.32145	0.35774	0.27964	0.78927	1.47303	0.38251
0.196 - 0.278	0.24091	0.27755	0.19968	0.60927	0.84963	0.17608
0.114 - 0.196	0.15830	0.19450	0.11692	0.37907	0.65210	0.05382
0.031 - 0.114	0.05758	0.09205	0.03383	0.10199	0.40910	-0.17275
-0.051 - 0.031	-0.02397	0.01378	-0.04949	0.07145	0.32884	-0.11173
-0.133 - -0.051	-0.07876	-0.05503	-0.12408	-0.18197	0.13394	-0.61896
-0.215 - -0.133	-0.16652	-0.13908	-0.20584	-0.26848	0.11328	-0.60076
-0.297 - -0.215	-0.24701	-0.21701	-0.28528	-0.45600	-0.11173	-0.94555
-0.380 - -0.297	-0.33764	-0.29802	-0.37532	-0.72532	-0.39395	-1.28949
-0.462 - -0.380	-0.41785	-0.38002	-0.45431	-0.86201	-0.43944	-1.28949
-0.544 - -0.462	-0.50619	-0.46960	-0.54225	-1.18820	-0.78226	-1.28949
-0.626 - -0.544	-0.58415	-0.54430	-0.62335	-1.25577	-1.04326	-1.28949
-0.708 - -0.626	-0.67119	-0.62747	-0.70817	-1.28949	-1.28949	-1.28949
-0.791 - -0.708	-0.74656	-0.71774	-0.79059	-1.28949	-1.28949	-1.28949

### **Node=End Groups Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.710 - 0.790	0.75439	0.78979	0.71168	1.55289	1.76974	1.27739
0.631 - 0.710	0.66666	0.70453	0.63280	1.36657	1.70423	0.94388
0.552 - 0.631	0.59209	0.62690	0.55980	1.28971	1.72302	0.98308
0.472 - 0.552	0.52379	0.55092	0.48386	1.12606	1.56738	0.63431
0.393 - 0.472	0.42939	0.46086	0.39632	0.93567	1.47303	0.53499
0.313 - 0.393	0.35033	0.38667	0.31704	0.91299	1.26982	0.47843
0.234 - 0.313	0.27537	0.30896	0.23628	0.63206	1.10033	0.17516
0.154 - 0.234	0.20182	0.23283	0.15590	0.53665	0.97910	0.05382
0.075 - 0.154	0.12176	0.15278	0.09307	0.22078	0.84963	-0.02880
-0.004 - 0.075	0.03980	0.07326	0.00449	0.01568	0.32884	-0.43832
-0.084 - -0.004	-0.04577	-0.00788	-0.07694	0.00718	0.38961	-0.29355
-0.163 - -0.084	-0.11372	-0.09253	-0.13358	-0.10128	0.11328	-0.61896
-0.243 - -0.163	-0.20268	-0.16873	-0.23820	-0.33351	-0.02880	-0.61896
-0.322 - -0.243	-0.28676	-0.25063	-0.32178	-0.49072	-0.14766	-1.15607
-0.402 - -0.322	-0.36371	-0.32458	-0.39840	-0.80817	-0.35213	-1.28949
-0.481 - -0.402	-0.44895	-0.40176	-0.48061	-1.04679	-0.64719	-1.28949
-0.560 - -0.481	-0.51477	-0.48162	-0.55853	-1.14195	-0.65100	-1.28949
-0.640 - -0.560	-0.60241	-0.56399	-0.63472	-1.24182	-1.04326	-1.28949
-0.719 - -0.640	-0.68160	-0.64376	-0.71760	-1.28369	-1.15607	-1.28949
-0.799 - -0.719	-0.75463	-0.72109	-0.79861	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.800 - 0.883	0.85750	0.88301	0.83198	1.52075	1.55847	1.48303
0.718 - 0.800	0.76447	0.79577	0.72176	1.52075	1.71877	1.27739
0.635 - 0.718	0.67543	0.71035	0.63705	1.37838	1.76974	1.09472
0.553 - 0.635	0.59051	0.63337	0.55733	1.25341	1.66657	0.84963
0.470 - 0.553	0.51207	0.54900	0.47114	1.09026	1.72302	0.70134
0.387 - 0.470	0.43420	0.46825	0.38856	0.91310	1.41520	0.53499
0.305 - 0.387	0.33792	0.38181	0.30557	0.75686	1.37243	0.46525
0.222 - 0.305	0.26599	0.30223	0.22490	0.62887	1.00501	0.19467
0.140 - 0.222	0.17060	0.21769	0.14071	0.28929	0.75303	-0.17275
0.057 - 0.140	0.09327	0.13684	0.06189	0.17324	0.55302	-0.12652
-0.026 - 0.057	0.00431	0.02530	-0.01952	0.08719	0.38961	-0.15701
-0.108 - -0.026	-0.06182	-0.02597	-0.08856	-0.08699	0.27536	-0.43832
-0.191 - -0.108	-0.15208	-0.10851	-0.18706	-0.25449	0.06892	-0.61896
-0.274 - -0.191	-0.22567	-0.19929	-0.25874	-0.41168	-0.14766	-0.94555
-0.356 - -0.274	-0.31152	-0.29081	-0.33056	-0.69944	-0.29355	-1.28949
-0.439 - -0.356	-0.39508	-0.36921	-0.43528	-0.98417	-0.43944	-1.28949
-0.521 - -0.439	-0.47508	-0.44126	-0.51827	-1.10333	-0.65100	-1.28949
-0.604 - -0.521	-0.55989	-0.52720	-0.60182	-1.24046	-0.82397	-1.28949
-0.687 - -0.604	-0.64112	-0.60423	-0.68565	-1.28949	-1.28949	-1.28949
-0.769 - -0.687	-0.73509	-0.70184	-0.76920	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.775 - 0.856	0.81724	0.85640	0.79884	1.56774	1.71877	1.41905
0.694 - 0.775	0.72891	0.76311	0.70549	1.37392	1.70423	1.17092
0.613 - 0.694	0.64742	0.69088	0.61489	1.33050	1.75390	0.97127
0.532 - 0.613	0.58550	0.61098	0.53744	1.20954	1.76974	0.84963
0.451 - 0.532	0.48825	0.53151	0.45818	1.02424	1.47303	0.63431
0.370 - 0.451	0.41069	0.44292	0.37779	0.91958	1.37243	0.53499
0.289 - 0.370	0.33257	0.36067	0.30420	0.63889	1.00501	0.38251
0.208 - 0.289	0.24480	0.28588	0.20822	0.51713	0.88044	0.05382
0.127 - 0.208	0.17080	0.20393	0.13153	0.26084	0.82346	-0.12652
0.045 - 0.127	0.08811	0.12602	0.04940	0.18847	0.62767	-0.02880
-0.036 - 0.045	0.01056	0.04034	-0.03542	-0.02820	0.27536	-0.43832
-0.117 - -0.036	-0.07167	-0.03669	-0.10272	-0.25621	0.13394	-0.61896
-0.198 - -0.117	-0.17343	-0.15208	-0.19359	-0.32112	-0.02880	-0.61896
-0.279 - -0.198	-0.23700	-0.19973	-0.27386	-0.51041	-0.14766	-0.87727
-0.360 - -0.279	-0.32316	-0.29028	-0.35873	-0.85868	-0.59944	-1.28949
-0.441 - -0.360	-0.40013	-0.36126	-0.43939	-1.02502	-0.43944	-1.28949
-0.522 - -0.441	-0.48097	-0.44125	-0.52174	-1.11957	-0.65683	-1.28949
-0.603 - -0.522	-0.56540	-0.53007	-0.60040	-1.28943	-1.28820	-1.28949
-0.684 - -0.603	-0.64807	-0.60347	-0.68411	-1.26910	-1.12813	-1.28949
-0.766 - -0.684	-0.71550	-0.68831	-0.76553	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.801 - 0.883	0.82913	0.88333	0.80136	1.44785	1.55847	1.33085
0.718 - 0.801	0.76137	0.79827	0.71802	1.51282	1.71877	1.25123
0.635 - 0.718	0.66992	0.71638	0.63685	1.35922	1.75390	0.92436
0.552 - 0.635	0.60145	0.63268	0.56330	1.21965	1.76974	0.84963
0.470 - 0.552	0.51209	0.54487	0.47099	1.05990	1.30172	0.63431
0.387 - 0.470	0.42283	0.46636	0.38758	0.96508	1.72302	0.62051
0.304 - 0.387	0.33790	0.38692	0.30833	0.84296	1.41520	0.49777
0.222 - 0.304	0.25648	0.29091	0.22188	0.59583	0.97910	0.05382
0.139 - 0.222	0.17522	0.22137	0.13976	0.39558	0.85677	-0.17275
0.056 - 0.139	0.09352	0.13041	0.05955	0.08973	0.32620	-0.12652
-0.027 - 0.056	0.01609	0.04549	-0.00028	0.08993	0.40910	-0.10535
-0.109 - -0.027	-0.05557	-0.02680	-0.09435	-0.09869	0.27536	-0.43832
-0.192 - -0.109	-0.14893	-0.11152	-0.18587	-0.27374	0.10661	-0.61896
-0.275 - -0.192	-0.23833	-0.19829	-0.27023	-0.43708	-0.12652	-1.28949
-0.357 - -0.275	-0.31034	-0.27944	-0.34758	-0.59166	-0.29355	-0.94555
-0.440 - -0.357	-0.39780	-0.35940	-0.43704	-0.93273	-0.45518	-1.28949
-0.523 - -0.440	-0.47895	-0.44450	-0.51958	-1.15179	-0.70002	-1.28949
-0.606 - -0.523	-0.56414	-0.52502	-0.60264	-1.24737	-0.82397	-1.28949
-0.688 - -0.606	-0.65180	-0.61227	-0.68464	-1.28282	-1.15607	-1.28949
-0.771 - -0.688	-0.71008	-0.69024	-0.77104	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.769 - 0.851	0.81086	0.85108	0.77062	1.59599	1.70423	1.41905
0.687 - 0.769	0.71742	0.74594	0.68710	1.40114	1.71877	1.17092
0.605 - 0.687	0.65063	0.68679	0.60702	1.26851	1.75390	0.92436
0.523 - 0.605	0.56450	0.60149	0.52444	1.15937	1.76974	0.84963
0.440 - 0.523	0.47074	0.51504	0.44151	0.99051	1.56738	0.63431
0.358 - 0.440	0.39723	0.43260	0.36192	0.85955	1.25802	0.47843
0.276 - 0.358	0.31148	0.35286	0.27804	0.80348	1.47303	0.30195
0.194 - 0.276	0.23474	0.26883	0.20108	0.52647	0.88044	0.05382
0.112 - 0.194	0.15915	0.19280	0.12365	0.32676	0.69707	-0.02880
0.030 - 0.112	0.06037	0.09105	0.03411	0.09201	0.75303	-0.12652
-0.052 - 0.030	-0.01575	0.01511	-0.04827	-0.07852	0.32884	-0.43832
-0.134 - -0.052	-0.09431	-0.06547	-0.12469	-0.11607	0.27536	-0.56265
-0.217 - -0.134	-0.16836	-0.13963	-0.21198	-0.23266	0.13394	-0.61896
-0.299 - -0.217	-0.27207	-0.23786	-0.29434	-0.70916	-0.22210	-1.28949
-0.381 - -0.299	-0.34324	-0.30495	-0.37533	-0.71999	-0.14766	-1.28949
-0.463 - -0.381	-0.42074	-0.38806	-0.46170	-0.98596	-0.64719	-1.28949
-0.545 - -0.463	-0.51102	-0.46794	-0.54461	-1.17980	-0.78226	-1.28949
-0.627 - -0.545	-0.57624	-0.54559	-0.60888	-1.24480	-0.82397	-1.28949
-0.709 - -0.627	-0.66516	-0.62898	-0.70351	-1.27608	-1.15607	-1.28949
-0.792 - -0.709	-0.74573	-0.71494	-0.79151	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.774 - 0.858	0.83026	0.85754	0.78559	1.64541	1.71877	1.55847
0.690 - 0.774	0.72490	0.77294	0.69210	1.45100	1.75390	1.27739
0.607 - 0.690	0.64454	0.68986	0.60823	1.33369	1.76974	0.92436
0.523 - 0.607	0.57197	0.60228	0.52700	1.15548	1.56738	0.84963
0.440 - 0.523	0.47874	0.51652	0.44654	0.94292	1.47303	0.53499
0.356 - 0.440	0.40319	0.43825	0.35726	0.92331	1.41520	0.19467
0.273 - 0.356	0.30551	0.34978	0.27487	0.66033	1.10033	0.30195
0.189 - 0.273	0.23989	0.27056	0.20918	0.59490	0.94731	0.17516
0.106 - 0.189	0.13974	0.18147	0.12066	0.25030	0.63374	-0.17275
0.022 - 0.106	0.06210	0.10202	0.02270	0.08758	0.40910	-0.12652
-0.061 - 0.022	-0.01278	0.01361	-0.04827	-0.03311	0.27536	-0.43832
-0.145 - -0.061	-0.10943	-0.06361	-0.14438	-0.18616	0.13394	-0.61896
-0.228 - -0.145	-0.17556	-0.14544	-0.22265	-0.42358	-0.05541	-0.81979
-0.312 - -0.228	-0.26653	-0.22915	-0.30855	-0.53293	-0.20528	-1.00362
-0.396 - -0.312	-0.35195	-0.31229	-0.39433	-0.74246	-0.29355	-1.28949
-0.479 - -0.396	-0.44295	-0.40777	-0.47627	-1.05067	-0.64719	-1.28949
-0.563 - -0.479	-0.53014	-0.48357	-0.56251	-1.21863	-0.65100	-1.28949
-0.646 - -0.563	-0.60016	-0.56633	-0.64412	-1.26140	-1.15607	-1.28949
-0.730 - -0.646	-0.68088	-0.64991	-0.72472	-1.28942	-1.28820	-1.28949
-0.813 - -0.730	-0.76333	-0.73726	-0.81319	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=\_fold\_=8 Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.777 - 0.859	0.82385	0.85918	0.80368	1.58676	1.71877	1.48303
0.696 - 0.777	0.73803	0.77130	0.69702	1.52000	1.76974	1.27739
0.614 - 0.696	0.65747	0.69528	0.61427	1.32885	1.70423	0.92436
0.532 - 0.614	0.58522	0.61365	0.53294	1.15165	1.72302	0.84963
0.450 - 0.532	0.49237	0.52578	0.45844	1.01459	1.30384	0.63431
0.369 - 0.450	0.41066	0.45000	0.37000	0.94785	1.47303	0.53499
0.287 - 0.369	0.33164	0.36623	0.29233	0.70874	1.25802	0.25804
0.205 - 0.287	0.25441	0.28663	0.22665	0.65311	1.18466	0.17516
0.123 - 0.205	0.16583	0.20327	0.12996	0.37356	0.75303	0.04568
0.041 - 0.123	0.08284	0.12240	0.04367	0.08340	0.48165	-0.12652
-0.040 - 0.041	0.00085	0.04051	-0.03683	0.07077	0.40910	-0.29355
-0.122 - 0.040	-0.07520	-0.04953	-0.12198	-0.08970	0.11328	-0.43832
-0.204 - 0.122	-0.16875	-0.12413	-0.20362	-0.27441	0.13394	-0.61896
-0.286 - 0.204	-0.24748	-0.21425	-0.27652	-0.46649	-0.14766	-0.81979
-0.367 - 0.286	-0.32701	-0.28695	-0.36727	-0.67700	-0.39395	-1.00362
-0.449 - 0.367	-0.41538	-0.36929	-0.44912	-1.05273	-0.53102	-1.28949
-0.531 - 0.449	-0.49092	-0.45257	-0.52859	-1.12635	-0.78226	-1.28949
-0.613 - 0.531	-0.56812	-0.53143	-0.61258	-1.23315	-0.65100	-1.28949
-0.695 - 0.613	-0.64052	-0.61325	-0.69015	-1.27736	-1.15607	-1.28949
-0.776 - 0.695	-0.72572	-0.69710	-0.77638	-1.28949	-1.28949	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.768 - 0.848	0.80173	0.84836	0.76960	1.57994	1.71877	1.41905
0.687 - 0.768	0.71919	0.76562	0.69667	1.42899	1.68187	1.17092
0.606 - 0.687	0.65353	0.68609	0.61121	1.30778	1.75390	0.92436
0.526 - 0.606	0.57265	0.60614	0.52578	1.19537	1.76974	0.84963
0.445 - 0.526	0.48980	0.51756	0.44654	1.03358	1.47303	0.63431
0.364 - 0.445	0.40371	0.44248	0.36534	0.93489	1.44021	0.19467
0.283 - 0.364	0.32513	0.36246	0.28497	0.66166	1.44567	-0.23932
0.203 - 0.283	0.24175	0.28208	0.20529	0.52927	1.41905	-1.28949
0.122 - 0.203	0.16461	0.19429	0.13167	0.21303	1.50263	-1.28949
0.041 - 0.122	0.08036	0.12201	0.04152	0.27433	1.38199	-0.12652
-0.039 - 0.041	0.00418	0.03123	-0.02381	0.16230	1.51224	-0.81600
-0.120 - 0.039	-0.08172	-0.04179	-0.11152	-0.18770	1.38767	-1.28949
-0.201 - 0.120	-0.15591	-0.12198	-0.19842	-0.19411	1.39890	-0.71251
-0.281 - 0.201	-0.23755	-0.21116	-0.27235	-0.46177	0.69707	-1.28949
-0.362 - 0.281	-0.33223	-0.29589	-0.36060	-0.74739	0.11328	-1.28949
-0.443 - 0.362	-0.39867	-0.36461	-0.43528	-0.94082	-0.20528	-1.28949
-0.523 - 0.443	-0.48632	-0.44544	-0.52232	-0.98440	0.97910	-1.28949
-0.604 - 0.523	-0.55910	-0.52366	-0.59602	-1.22766	-0.82397	-1.28949
-0.685 - 0.604	-0.64613	-0.61227	-0.67162	-1.22419	-0.14766	-1.28949
-0.766 - 0.685	-0.72252	-0.68640	-0.76553	-1.28949	-1.28949	-1.28949

## Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	338
2	^(fold_=2)	346
3	^(fold_=3)	336
4	^(fold_=4)	348
5	^(fold_=5)	349
6	^(fold_=6)	355
7	^(fold_=7)	347
8	^(fold_=8)	332

## SAS Enterprise Miner Report

### Node=Gradient Boosting Tuned 3 Summary

Node id = Boost5  
 Node label = Gradient Boosting Tuned 3  
 Meta path = Ids => Trans => Grp3 => Boost5  
 Notes =

### Node=Gradient Boosting Tuned 3 Properties

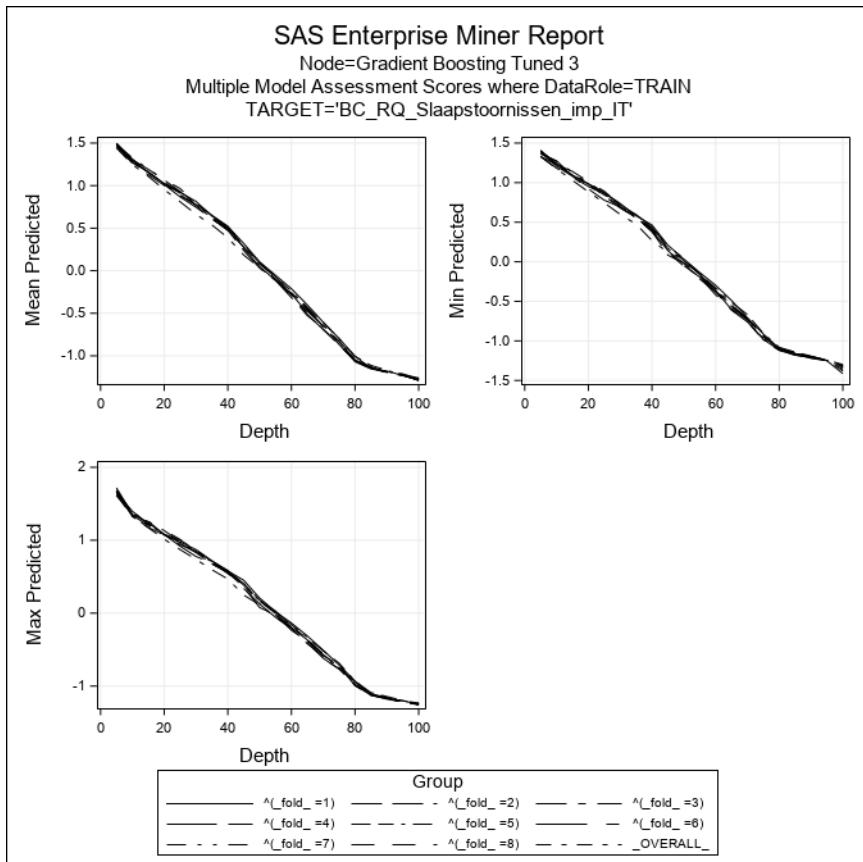
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	3	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	8	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	1	
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	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_Slaapstoornissen_imp_IT	
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: Root	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total
			Sum of Case Freq	Weights Freq				
1	^(fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	349	349	0.32118	3.6105	0.01035	0.10171
2	^(fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	348	348	0.31261	3.4280	0.00985	0.09925
3	^(fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	334	334	0.34846	3.4317	0.01027	0.10136
4	^(fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	341	341	0.43281	3.4927	0.01024	0.10120
5	^(fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	335	335	0.40579	4.0781	0.01217	0.11033
6	^(fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	341	341	0.32762	3.4957	0.01025	0.10125
7	^(fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	354	354	0.32386	3.8690	0.01093	0.10454

Group Index	Group	Train: Target Variable	Train:		Case		Train:		Train:		Train:		Train:	
			Sum of Frequencies	Weights	Sum of Times Freq	Maximum Absolute Error	Sum of Squared Errors	Average Squared Error	Squared Error	Root ASE	Average ASE	Divisor for ASE	Degrees of Freedom	Total
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	344	344	344	0.34732	3.9361	0.01144	0.10697	344	344	344	344	ReQuest (sleep subscale) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	393	.	.	2.71634	75.7190	0.19267	0.43894	393	.	.	.	ReQuest (sleep subscale) (Box-Cox transformed)

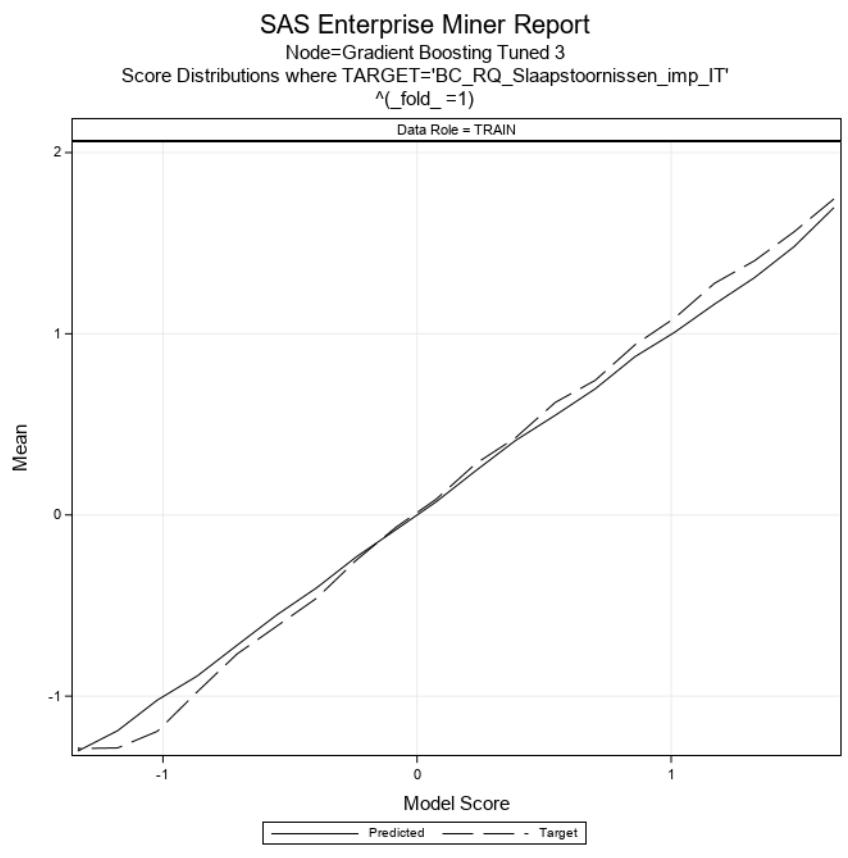


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=1)

Data Role = TRAIN

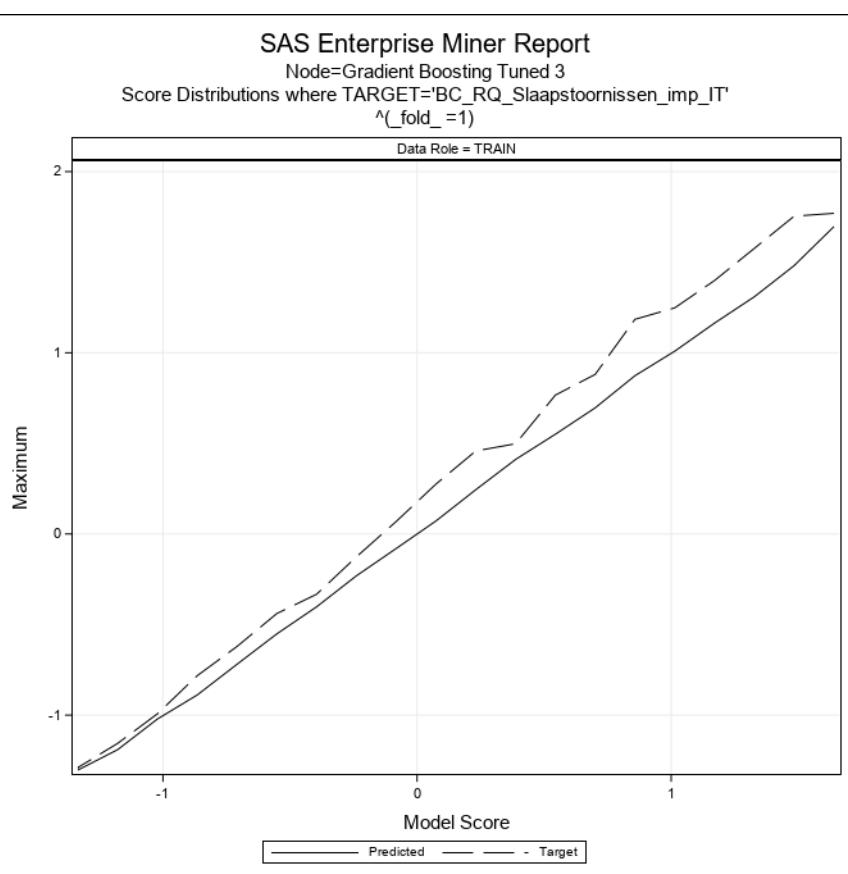


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=1)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

Mean

1  
0  
-1

-1

0

1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

-1

0

1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

Mean

-1  
0  
1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

Mean

-1  
0  
1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

Data Role = TRAIN

Mean

-1  
0  
1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=6)

Data Role = TRAIN

Mean

-1  
0  
1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=6)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

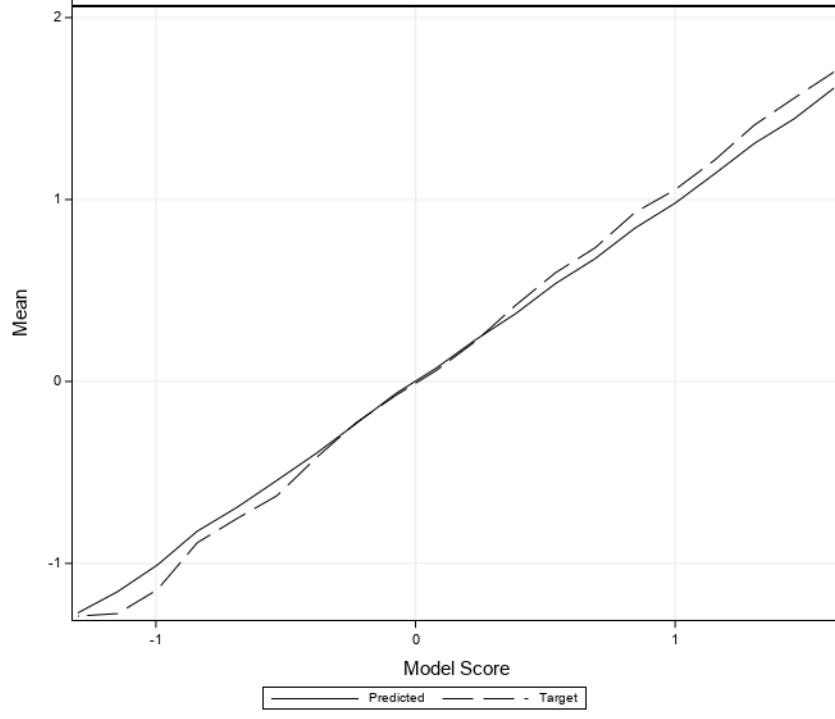
— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

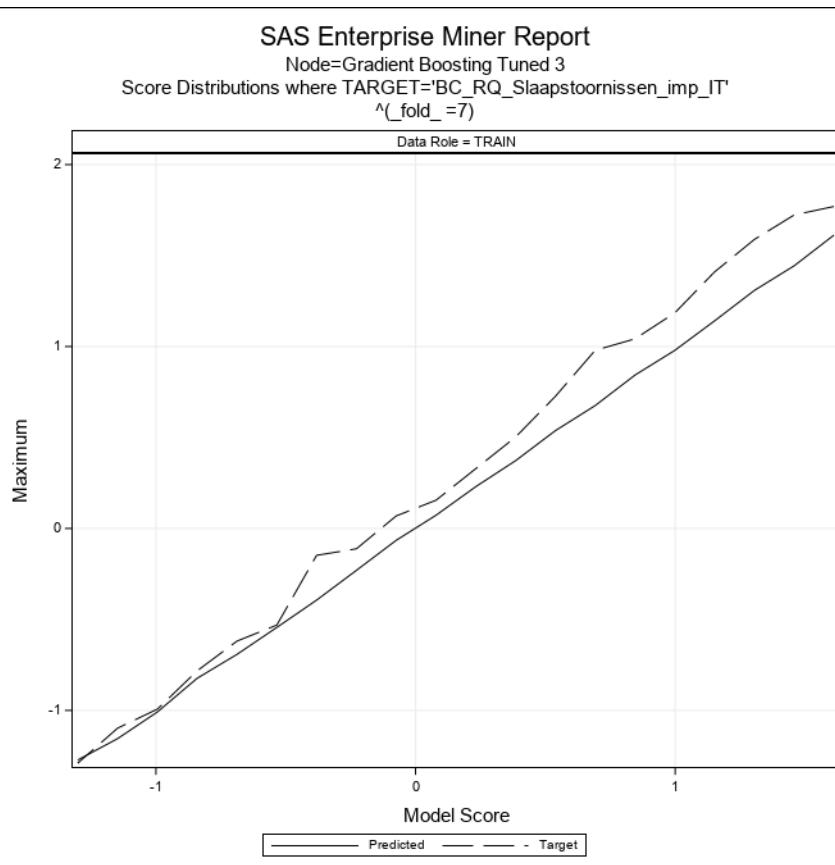


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

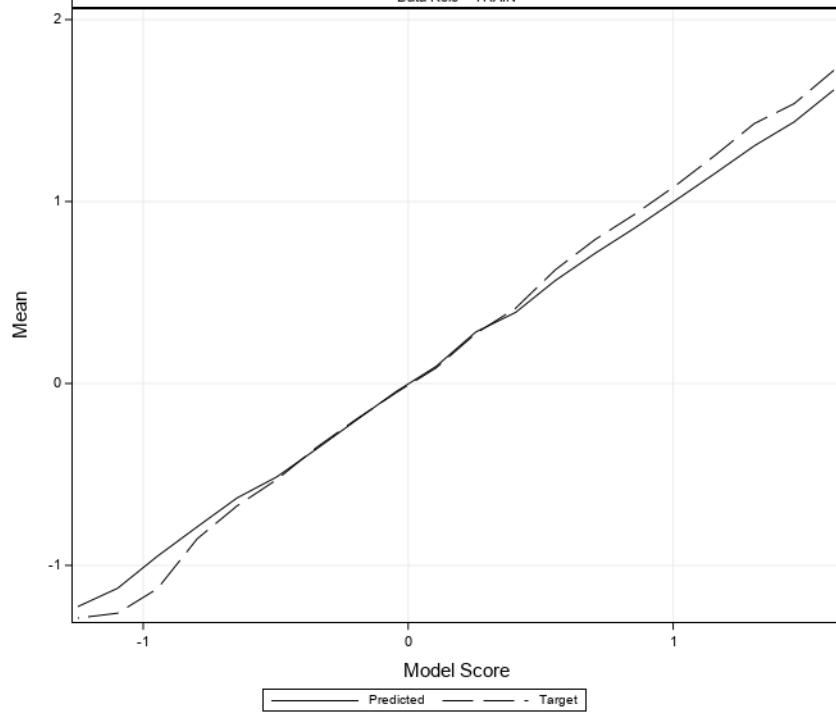


**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 3

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

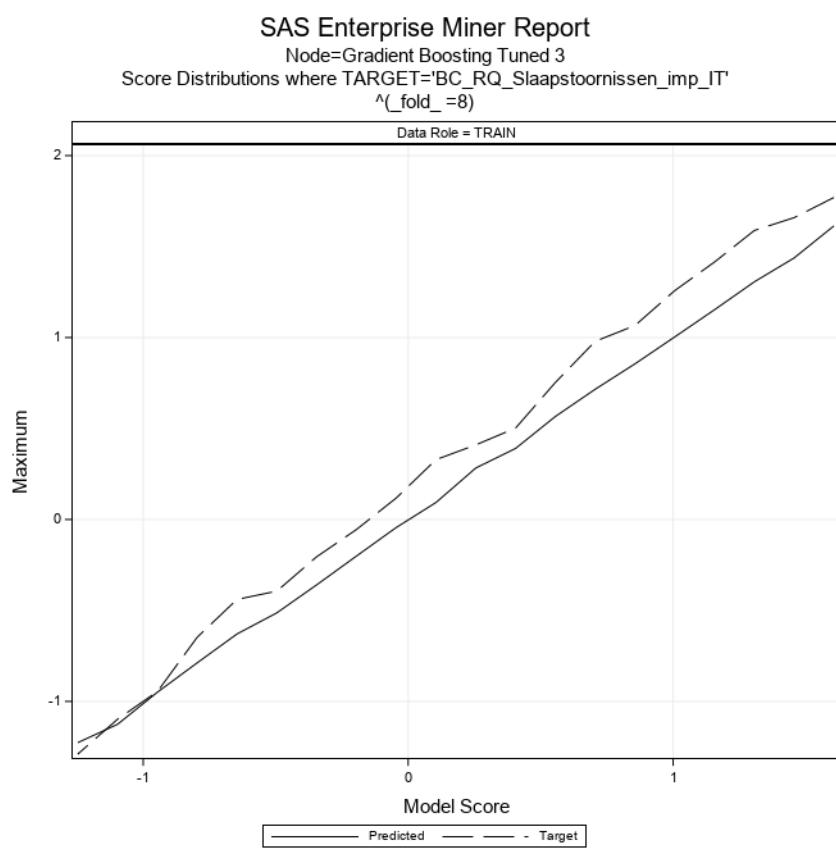
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 3

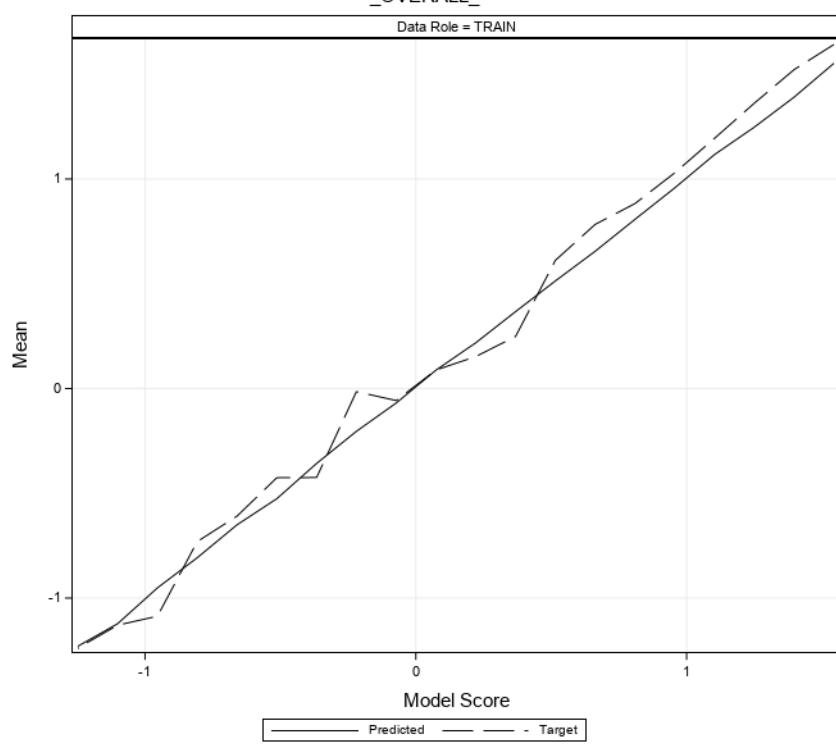
Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN



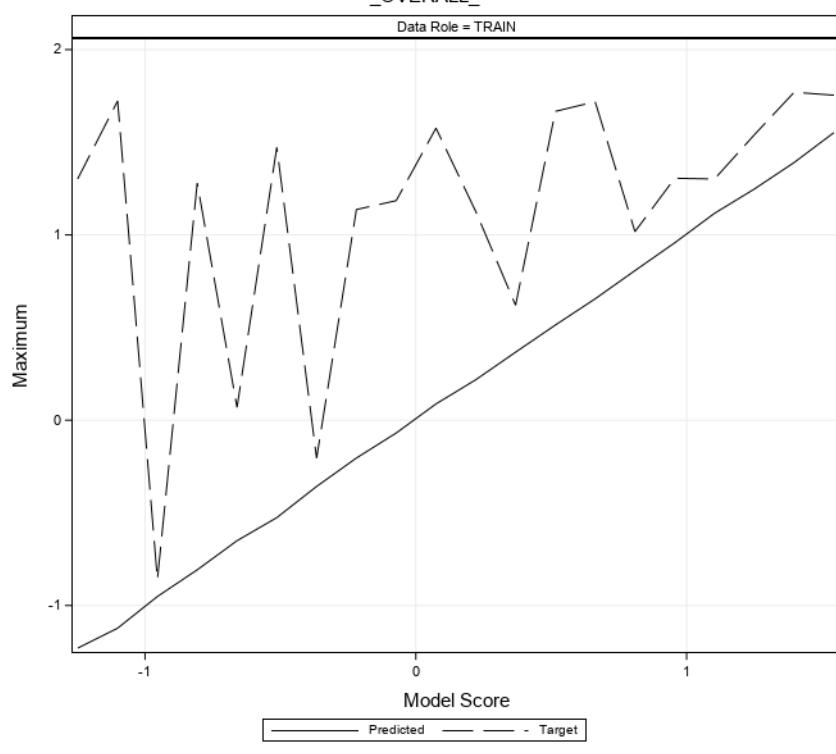
### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_



### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 3  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_



**Node=Gradient Boosting Tuned 3**  
**Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.562 - 1.719	1.69628	1.71886	1.67370	1.74425	1.76974	1.71877
1.406 - 1.562	1.48108	1.55842	1.40777	1.56297	1.75390	1.25802
1.249 - 1.406	1.30916	1.39975	1.25035	1.40248	1.57618	1.27739
1.092 - 1.249	1.16377	1.24447	1.09433	1.27883	1.39890	1.09472
0.936 - 1.092	1.00876	1.07410	0.94548	1.08730	1.24789	0.93843
0.779 - 0.936	0.87335	0.93175	0.78608	0.93897	1.18466	0.83372
0.623 - 0.779	0.69591	0.77809	0.62698	0.74282	0.88044	0.60419
0.466 - 0.623	0.55047	0.62090	0.47321	0.62153	0.76638	0.46525
0.309 - 0.466	0.41113	0.46559	0.31901	0.42633	0.49777	0.31840
0.153 - 0.309	0.24421	0.30031	0.17305	0.28305	0.45800	0.13449
-0.004 - 0.153	0.07183	0.14594	-0.00005	0.08612	0.27536	-0.02880
-0.160 - -0.004	-0.08032	-0.01275	-0.15774	-0.06701	0.06892	-0.20528
-0.317 - -0.160	-0.23100	-0.16086	-0.31268	-0.24911	-0.12652	-0.39395
-0.474 - -0.317	-0.40222	-0.33959	-0.47027	-0.45947	-0.33277	-0.61896
-0.630 - -0.474	-0.55161	-0.48869	-0.60912	-0.61373	-0.43944	-0.71251
-0.787 - -0.630	-0.71931	-0.65210	-0.77323	-0.76751	-0.62105	-0.94555
-0.944 - -0.787	-0.88881	-0.80606	-0.94248	-0.97645	-0.78226	-1.15607
-1.100 - -0.944	-1.02156	-0.95590	-1.09587	-1.19392	-0.99278	-1.28949
-1.257 - -1.100	-1.19071	-1.11726	-1.25620	-1.28592	-1.15607	-1.28949
-1.413 - -1.257	-1.30332	-1.25808	-1.41337	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 3

#### Score Distributions

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.493 - 1.640	1.56855	1.64041	1.51169	1.69547	1.76974	1.57618
1.346 - 1.493	1.41713	1.49232	1.36285	1.53990	1.68187	1.44021
1.199 - 1.346	1.30114	1.34341	1.21278	1.38603	1.56738	1.27739
1.052 - 1.199	1.13364	1.19206	1.05485	1.22008	1.47303	1.01455
0.905 - 1.052	0.98754	1.05195	0.92098	1.07502	1.30384	0.92080
0.759 - 0.905	0.83031	0.90216	0.76351	0.89763	1.00501	0.69221
0.612 - 0.759	0.67248	0.75484	0.61183	0.73160	0.97910	0.60419
0.465 - 0.612	0.53995	0.59039	0.46618	0.59377	0.84963	0.46525
0.318 - 0.465	0.39690	0.44017	0.32126	0.42495	0.58749	0.30195
0.171 - 0.318	0.27478	0.31703	0.19599	0.27508	0.40910	0.17516
0.024 - 0.171	0.07863	0.16280	0.02477	0.08464	0.22557	0.02169
-0.123 - 0.024	-0.04661	0.01648	-0.11219	-0.07651	0.04568	-0.23932
-0.270 - -0.123	-0.19189	-0.12884	-0.26360	-0.20893	-0.05541	-0.35213
-0.417 - -0.270	-0.34550	-0.27290	-0.40873	-0.33923	-0.14766	-0.51035
-0.564 - -0.417	-0.49710	-0.42676	-0.56414	-0.56196	-0.39395	-0.78226
-0.711 - -0.564	-0.63346	-0.56952	-0.70918	-0.65536	-0.59026	-0.78467
-0.858 - -0.711	-0.77145	-0.71952	-0.83295	-0.82220	-0.65683	-0.94555
-1.005 - -0.858	-0.94738	-0.86516	-1.00204	-1.02701	-0.85936	-1.15607
-1.152 - -1.005	-1.10030	-1.00975	-1.14914	-1.24862	-1.09749	-1.28949
-1.299 - -1.152	-1.22072	-1.15291	-1.29927	-1.28723	-1.15607	-1.28949

### Node=Gradient Boosting Tuned 3

#### Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.508 - 1.657	1.56977	1.65680	1.51890	1.61616	1.70423	1.54020
1.359 - 1.508	1.41917	1.48085	1.36186	1.53493	1.76974	1.41905
1.210 - 1.359	1.27716	1.34371	1.21511	1.36265	1.51224	1.17463
1.061 - 1.210	1.13095	1.19804	1.06460	1.21116	1.38199	1.01762
0.912 - 1.061	0.99961	1.05929	0.91330	1.07687	1.37243	0.92436
0.763 - 0.912	0.83656	0.90727	0.77598	0.90135	1.10033	0.69707
0.614 - 0.763	0.68005	0.75597	0.62283	0.75534	0.85677	0.62051
0.465 - 0.614	0.56019	0.60144	0.49463	0.62770	0.75303	0.50230
0.316 - 0.465	0.40183	0.46280	0.32344	0.44246	0.58749	0.25804
0.167 - 0.316	0.23068	0.29034	0.17682	0.23928	0.32884	0.10661
0.018 - 0.167	0.07946	0.13463	0.02635	0.05299	0.13449	-0.02880
-0.131 - 0.018	-0.06412	0.01692	-0.10963	-0.06629	0.02434	-0.15701
-0.280 - -0.131	-0.20978	-0.14585	-0.27991	-0.20938	-0.10535	-0.34438
-0.429 - -0.280	-0.36676	-0.30448	-0.42218	-0.41407	-0.20528	-0.60236
-0.578 - -0.429	-0.50373	-0.45647	-0.57545	-0.52320	-0.43832	-0.61896
-0.727 - -0.578	-0.66095	-0.58265	-0.72327	-0.71723	-0.60076	-0.94555
-0.876 - -0.727	-0.79704	-0.73437	-0.87407	-0.86067	-0.67998	-1.21974
-1.025 - -0.876	-0.95478	-0.88156	-1.02151	-1.06995	-0.85936	-1.28949
-1.174 - -1.025	-1.11624	-1.03977	-1.17252	-1.25401	-1.09749	-1.28949
-1.323 - -1.174	-1.22999	-1.17432	-1.32290	-1.28436	-1.15607	-1.28949

### Node=Gradient Boosting Tuned 3

#### Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.518 - 1.667	1.58522	1.66707	1.53063	1.68380	1.76974	1.55847
1.369 - 1.518	1.42752	1.48369	1.38127	1.53440	1.68187	1.37498
1.220 - 1.369	1.29012	1.34193	1.22481	1.39128	1.58841	1.27801
1.070 - 1.220	1.16044	1.21543	1.07812	1.25437	1.41905	1.07475
0.921 - 1.070	1.01566	1.06893	0.92862	1.08201	1.41905	0.92436
0.772 - 0.921	0.86596	0.92086	0.77681	0.96842	1.13678	0.83372
0.623 - 0.772	0.72027	0.77137	0.63293	0.75558	0.88044	0.57462
0.474 - 0.623	0.55220	0.62178	0.48221	0.61421	0.75303	0.46525
0.325 - 0.474	0.39621	0.46241	0.32966	0.42481	0.49777	0.30195
0.176 - 0.325	0.28190	0.32186	0.20457	0.24912	0.38961	0.02169
0.026 - 0.176	0.10114	0.17002	0.03862	0.11344	0.32884	-0.02880
-0.123 - 0.026	-0.04951	0.02405	-0.11205	-0.05852	0.06892	-0.23932
-0.272 - -0.123	-0.19586	-0.12319	-0.27169	-0.19557	-0.10535	-0.33277
-0.421 - -0.272	-0.33300	-0.27482	-0.41741	-0.36101	-0.23932	-0.45518
-0.570 - -0.421	-0.49580	-0.44513	-0.56711	-0.53678	-0.43832	-0.61896
-0.719 - -0.570	-0.65040	-0.59004	-0.70415	-0.68674	-0.59026	-0.81979
-0.869 - -0.719	-0.78637	-0.72310	-0.86807	-0.83235	-0.65100	-1.28949
-1.018 - -0.869	-0.93720	-0.87328	-1.01634	-1.03175	-0.85936	-1.15607
-1.167 - -1.018	-1.11193	-1.02500	-1.16578	-1.25749	-1.09749	-1.28949
-1.316 - -1.167	-1.23749	-1.18067	-1.31601	-1.28809	-1.21974	-1.28949

### Node=Gradient Boosting Tuned 3

#### Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.462 - 1.611	1.52987	1.61056	1.47151	1.64458	1.72302	1.55847
1.314 - 1.462	1.40131	1.45617	1.33251	1.53637	1.76974	1.41905
1.166 - 1.314	1.23914	1.31409	1.16814	1.33740	1.50263	1.17092
1.018 - 1.166	1.09172	1.15301	1.02278	1.19132	1.40996	1.00501
0.870 - 1.018	0.95108	1.01552	0.87303	1.02455	1.25802	0.88044
0.721 - 0.870	0.78907	0.86901	0.72602	0.85575	0.98308	0.64172
0.573 - 0.721	0.63624	0.72096	0.57858	0.68907	0.84963	0.53499
0.425 - 0.573	0.48544	0.55849	0.42541	0.54922	0.65210	0.40999
0.277 - 0.425	0.38259	0.40963	0.33021	0.38637	0.47843	0.19467
0.129 - 0.277	0.20347	0.27371	0.13202	0.21373	0.38961	0.04568
-0.020 - 0.129	0.05187	0.12012	-0.01685	0.03890	0.27536	-0.20528
-0.168 - -0.020	-0.10665	-0.03234	-0.15806	-0.11987	-0.02880	-0.29355
-0.316 - -0.168	-0.24014	-0.17279	-0.30961	-0.23537	-0.10535	-0.39643
-0.464 - -0.316	-0.38188	-0.32938	-0.45321	-0.41096	-0.25587	-0.56265
-0.612 - -0.464	-0.52806	-0.46426	-0.61217	-0.58516	-0.43832	-0.78226
-0.761 - -0.612	-0.67148	-0.62159	-0.74695	-0.72563	-0.64719	-0.81979
-0.909 - -0.761	-0.83992	-0.76182	-0.90377	-0.93104	-0.78226	-1.28949
-1.057 - -0.909	-0.99658	-0.93188	-1.05226	-1.18823	-0.94555	-1.28949
-1.205 - -1.057	-1.14217	-1.06138	-1.20211	-1.26404	-1.09749	-1.28949
-1.353 - -1.205	-1.26318	-1.20699	-1.35337	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 3

#### Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.506 - 1.656	1.57211	1.65581	1.51603	1.69008	1.76974	1.55847
1.357 - 1.506	1.44227	1.49826	1.38472	1.56480	1.72302	1.44021
1.208 - 1.357	1.27077	1.34514	1.21026	1.36044	1.57618	1.09472
1.058 - 1.208	1.14147	1.20506	1.06091	1.23632	1.41905	1.00501
0.909 - 1.058	0.99546	1.05673	0.91667	1.04143	1.25802	0.91001
0.760 - 0.909	0.83496	0.90800	0.77643	0.90317	1.01762	0.80658
0.610 - 0.760	0.68903	0.75832	0.63157	0.78180	0.96579	0.63431
0.461 - 0.610	0.54689	0.60435	0.46280	0.57597	0.72559	0.19467
0.312 - 0.461	0.39017	0.44515	0.34265	0.43698	0.54821	0.31840
0.162 - 0.312	0.24291	0.30840	0.17880	0.26504	0.49777	0.06892
0.013 - 0.162	0.08441	0.16231	0.01398	0.09084	0.32884	-0.02880
-0.136 - 0.013	-0.07002	0.00943	-0.13107	-0.06127	0.06892	-0.15701
-0.285 - -0.136	-0.20639	-0.13796	-0.28306	-0.20360	-0.11173	-0.33277
-0.435 - -0.285	-0.34040	-0.29578	-0.40246	-0.37551	-0.23932	-0.61896
-0.584 - -0.435	-0.50857	-0.45595	-0.58411	-0.53527	-0.43832	-0.65828
-0.733 - -0.584	-0.64596	-0.59051	-0.70112	-0.67178	-0.59026	-0.79358
-0.883 - -0.733	-0.79062	-0.73637	-0.85264	-0.86183	-0.78226	-1.04326
-1.032 - -0.883	-0.97668	-0.94033	-0.99783	-1.07972	-0.99278	-1.15607
-1.181 - -1.032	-1.13092	-1.04574	-1.18104	-1.26281	-1.09749	-1.28949
-1.331 - -1.181	-1.23711	-1.18615	-1.33081	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 3

#### Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.535 - 1.688	1.61241	1.68805	1.56506	1.70102	1.76974	1.55847
1.382 - 1.535	1.44359	1.52475	1.38211	1.55740	1.72302	1.34442
1.228 - 1.382	1.30831	1.37307	1.22962	1.40928	1.58841	1.25123
1.075 - 1.228	1.14097	1.22773	1.08237	1.21647	1.40996	1.07475
0.922 - 1.075	0.97875	1.05653	0.92305	1.05291	1.18475	0.92436
0.768 - 0.922	0.84294	0.92054	0.79136	0.92913	1.04222	0.84891
0.615 - 0.768	0.67541	0.75479	0.61522	0.73491	0.97910	0.58749
0.462 - 0.615	0.53761	0.59814	0.46875	0.59707	0.72629	0.46525
0.309 - 0.462	0.37252	0.43724	0.31732	0.41852	0.50230	0.31840
0.155 - 0.309	0.22988	0.29621	0.15693	0.22209	0.32884	0.11781
0.002 - 0.155	0.07259	0.14132	0.00890	0.05931	0.15511	-0.06966
-0.151 - 0.002	-0.06505	-0.00014	-0.15083	-0.07522	0.06892	-0.29355
-0.304 - -0.151	-0.23026	-0.16700	-0.29310	-0.22510	-0.11173	-0.34726
-0.458 - -0.304	-0.39380	-0.31439	-0.45697	-0.41762	-0.14766	-0.60236
-0.611 - -0.458	-0.54396	-0.47733	-0.61089	-0.62838	-0.53102	-0.71373
-0.764 - -0.611	-0.69188	-0.63663	-0.75330	-0.75340	-0.61896	-0.94555
-0.918 - -0.764	-0.82317	-0.76644	-0.91397	-0.88660	-0.78226	-1.04326
-1.071 - -0.918	-1.00837	-0.91858	-1.06499	-1.14414	-0.99278	-1.28949
-1.224 - -1.071	-1.15503	-1.07275	-1.22289	-1.27577	-1.09749	-1.28949
-1.377 - -1.224	-1.27230	-1.22622	-1.37740	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 3

#### Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.532 - 1.682	1.61371	1.68187	1.54659	1.72143	1.76974	1.65891
1.382 - 1.532	1.43748	1.52216	1.39604	1.53784	1.65900	1.44021
1.231 - 1.382	1.30627	1.36966	1.24047	1.42867	1.58841	1.29103
1.081 - 1.231	1.15293	1.23103	1.09668	1.25167	1.41520	1.12609
0.931 - 1.081	1.00344	1.07057	0.93581	1.08419	1.25802	0.94388
0.781 - 0.931	0.85536	0.91814	0.78294	0.93088	1.06602	0.81948
0.631 - 0.781	0.71565	0.77769	0.64013	0.79145	0.97910	0.69707
0.480 - 0.631	0.56611	0.62244	0.50029	0.62485	0.75303	0.47843
0.330 - 0.480	0.39053	0.45983	0.33036	0.41348	0.50230	0.30195
0.180 - 0.330	0.28280	0.32392	0.21435	0.27454	0.40999	0.13449
0.030 - 0.180	0.09331	0.17290	0.03221	0.08497	0.32884	-0.00312
-0.120 - 0.030	-0.04432	0.01547	-0.11697	-0.05019	0.11781	-0.23932
-0.270 - -0.120	-0.20129	-0.14912	-0.26043	-0.19615	-0.05541	-0.43832
-0.421 - -0.270	-0.35965	-0.27485	-0.41867	-0.35117	-0.20528	-0.48554
-0.571 - -0.421	-0.51332	-0.42586	-0.56617	-0.52836	-0.39395	-0.61896
-0.721 - -0.571	-0.62930	-0.57144	-0.68566	-0.67303	-0.43944	-0.81979
-0.871 - -0.721	-0.78786	-0.72355	-0.86236	-0.85361	-0.64719	-1.15607
-1.021 - -0.871	-0.94931	-0.88021	-1.02064	-1.12798	-0.94555	-1.28949
-1.172 - -1.021	-1.12553	-1.04557	-1.17048	-1.26257	-1.09749	-1.28949
-1.322 - -1.172	-1.22645	-1.17705	-1.32174	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Tuned 3

#### Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.471 - 1.618	1.55223	1.61752	1.47608	1.64194	1.75390	1.55847
1.324 - 1.471	1.39072	1.45617	1.32608	1.52194	1.76974	1.33085
1.177 - 1.324	1.24750	1.31009	1.18591	1.36191	1.54020	1.09472
1.030 - 1.177	1.11659	1.17622	1.03853	1.19420	1.30172	1.00501
0.883 - 1.030	0.95747	1.02890	0.88387	1.02936	1.30574	0.91001
0.736 - 0.883	0.80733	0.87205	0.73720	0.88265	1.01762	0.73270
0.589 - 0.736	0.65508	0.72678	0.59571	0.78331	1.71877	0.60419
0.442 - 0.589	0.51354	0.58579	0.44382	0.61170	1.66657	-0.23932
0.295 - 0.442	0.36710	0.44017	0.30031	0.24860	0.62051	-1.28949
0.148 - 0.295	0.21838	0.27493	0.15183	0.15267	1.12609	-1.28949
0.001 - 0.148	0.08778	0.14176	0.00727	0.08836	1.57618	-1.28949
-0.146 - 0.001	-0.06907	-0.00414	-0.13796	-0.05724	1.18475	-1.28949
-0.293 - -0.146	-0.20422	-0.15728	-0.25242	-0.01491	1.13678	-0.80052
-0.440 - -0.293	-0.35750	-0.29982	-0.42985	-0.42465	-0.20528	-1.15607
-0.587 - -0.440	-0.52576	-0.44899	-0.57916	-0.42564	1.47303	-0.71251
-0.734 - -0.587	-0.65035	-0.58730	-0.70415	-0.60905	0.06892	-0.79358
-0.881 - -0.734	-0.80751	-0.74987	-0.87701	-0.73052	1.28019	-1.28949
-1.028 - -0.881	-0.95137	-0.88120	-1.02602	-1.08652	-0.85936	-1.28949
-1.175 - -1.028	-1.12222	-1.04870	-1.17197	-1.12930	1.72302	-1.28949
-1.322 - -1.175	-1.22980	-1.17482	-1.32174	-1.23864	1.30384	-1.28949

### Node=Gradient Boosting Tuned 3 Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	352
2	^(fold_=2)	346
3	^(fold_=3)	347
4	^(fold_=4)	338
5	^(fold_=5)	334
6	^(fold_=6)	333
7	^(fold_=7)	359
8	^(fold_=8)	342

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp3  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp3 => Boost5 => EndGrp3  
 Notes =

### Node=End Groups Properties

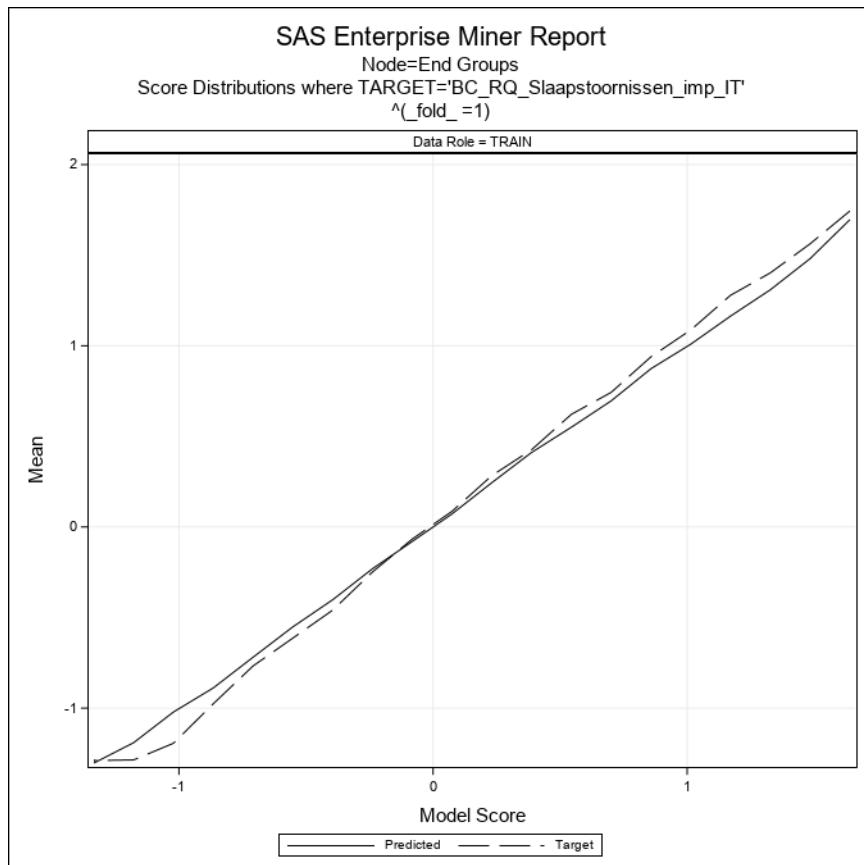
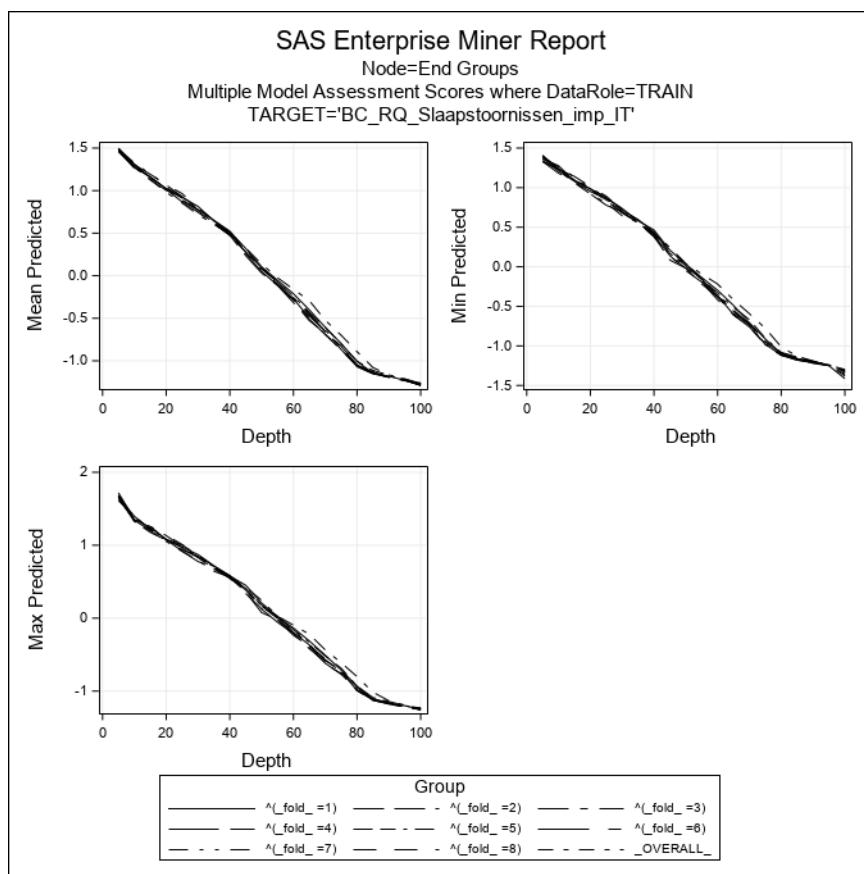
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

### Node=End Groups Variable Summary

Role	Level	Frequency		Train: Sum of Case Weights	Train: Sum of Times Freq
		Count	Name		
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: Frequencies		Train: Sum of Times Freq
				Sum of	Case	
1	^(fold_=1)	Boost5	BC_RQ_Slaapstoornissen_imp_IT	349	349	
2	^(fold_=2)	Boost5	BC_RQ_Slaapstoornissen_imp_IT	348	348	
3	^(fold_=3)	Boost5	BC_RQ_Slaapstoornissen_imp_IT	334	334	
4	^(fold_=4)	Boost5	BC_RQ_Slaapstoornissen_imp_IT	341	341	
5	^(fold_=5)	Boost5	BC_RQ_Slaapstoornissen_imp_IT	335	335	
6	^(fold_=6)	Boost5	BC_RQ_Slaapstoornissen_imp_IT	341	341	
7	^(fold_=7)	Boost5	BC_RQ_Slaapstoornissen_imp_IT	354	354	
8	^(fold_=8)	Boost5	BC_RQ_Slaapstoornissen_imp_IT	344	344	
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	393	.	

Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root Average Squared Error	Train: Root Divisor for ASE	Train: Degrees of Freedom	Train: Target Label	
						Total	Target Label
0.32118	3.6105	0.01035	0.10171	349	349	ReQuest (sleep subscale) (Box-Cox transformed)	
0.31261	3.4280	0.00985	0.09925	348	348	ReQuest (sleep subscale) (Box-Cox transformed)	
0.34846	3.4317	0.01027	0.10136	334	334	ReQuest (sleep subscale) (Box-Cox transformed)	
0.43281	3.4927	0.01024	0.10120	341	341	ReQuest (sleep subscale) (Box-Cox transformed)	
0.40579	4.0781	0.01217	0.11033	335	335	ReQuest (sleep subscale) (Box-Cox transformed)	
0.32762	3.4957	0.01025	0.10125	341	341	ReQuest (sleep subscale) (Box-Cox transformed)	
0.32386	3.8690	0.01093	0.10454	354	354	ReQuest (sleep subscale) (Box-Cox transformed)	
0.34732	3.9361	0.01144	0.10697	344	344	ReQuest (sleep subscale) (Box-Cox transformed)	
2.71634	64.9804	0.16534	0.40663	393	.	ReQuest (sleep subscale) (Box-Cox transformed)	

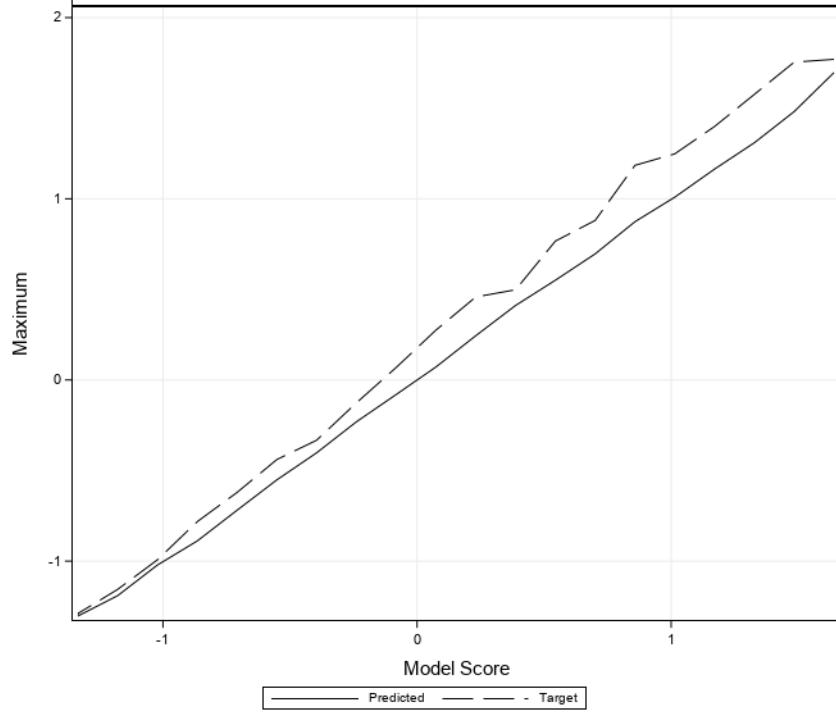


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN

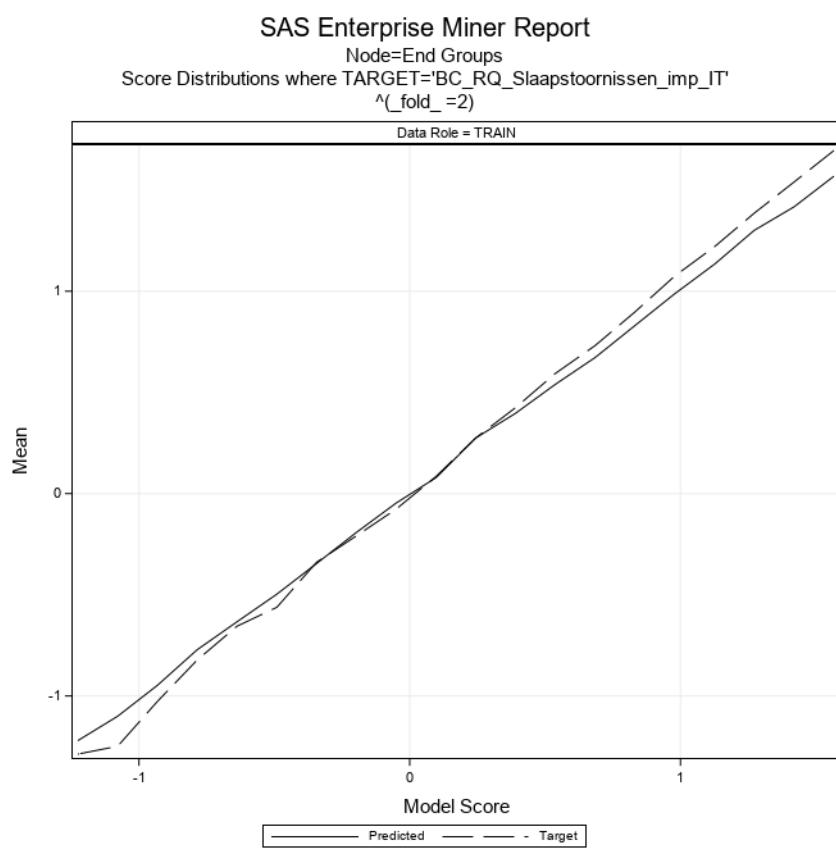


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

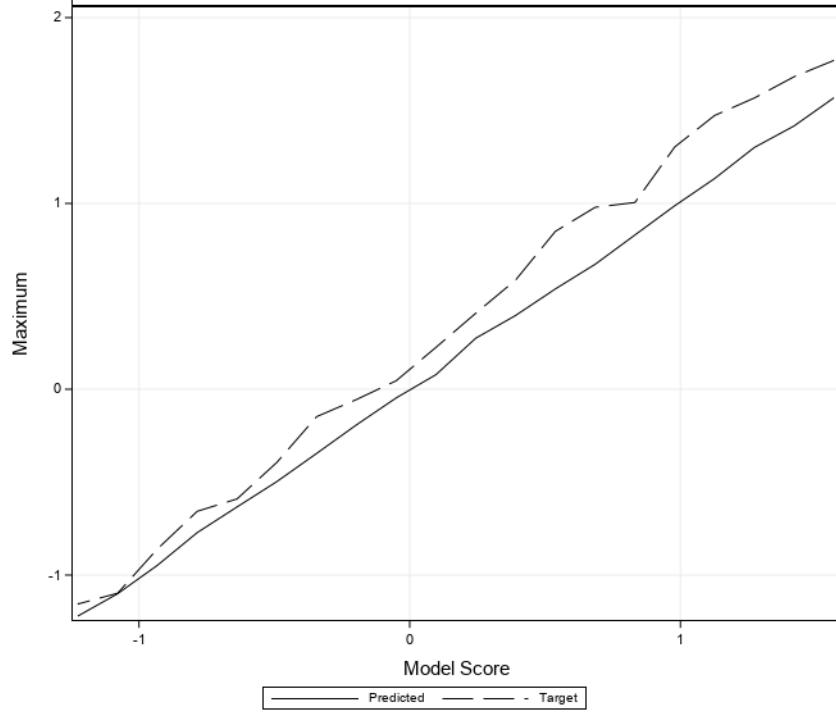


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

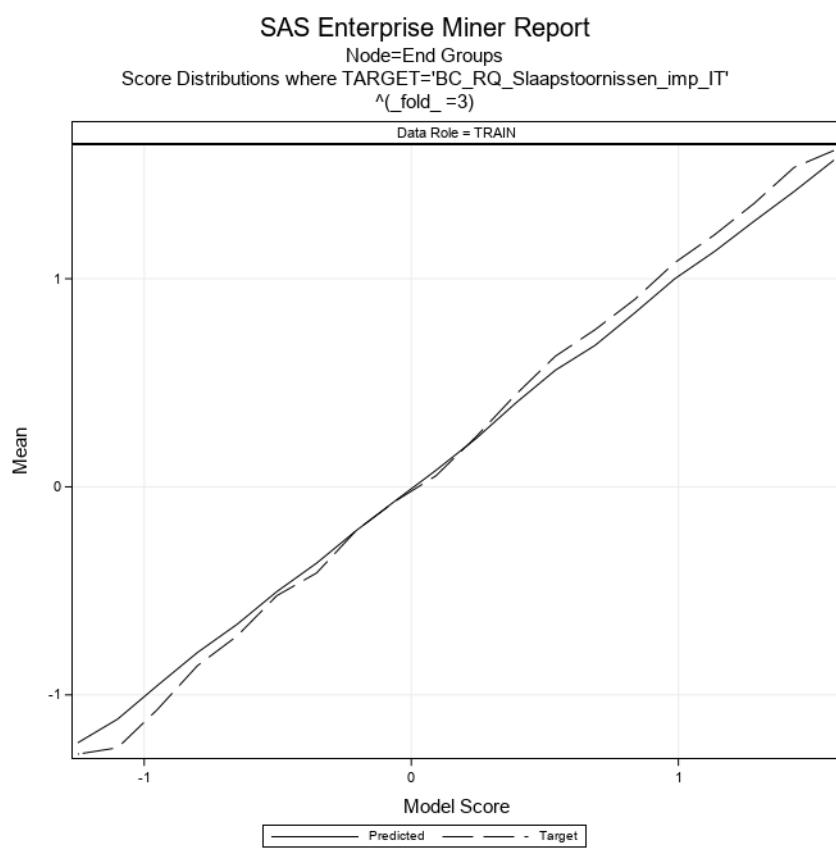


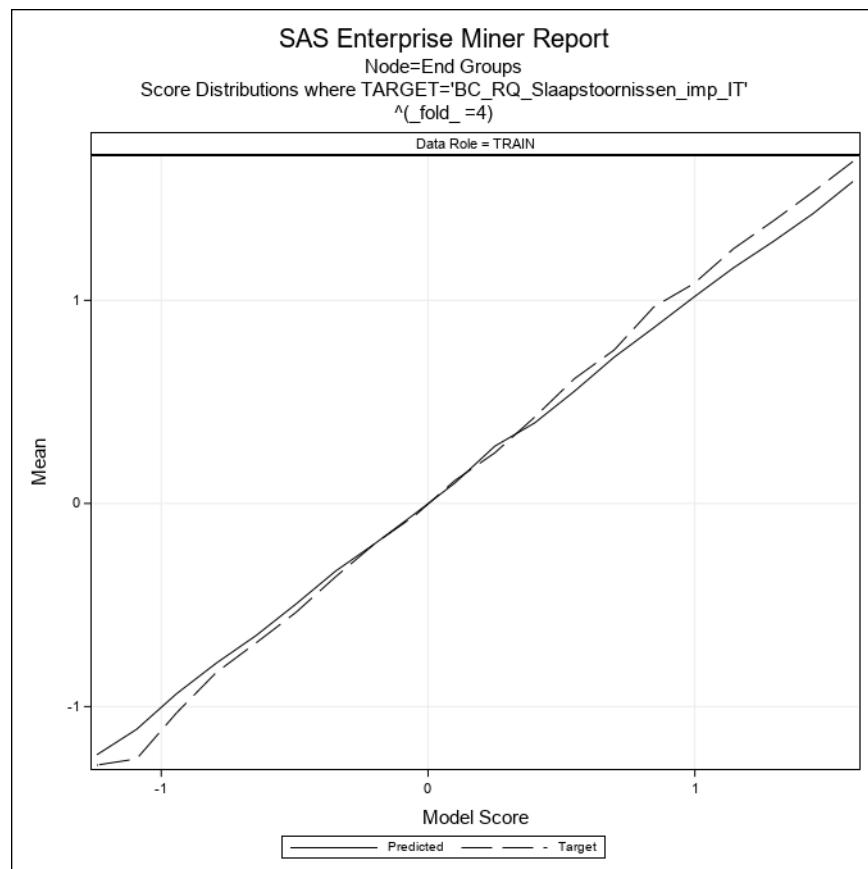
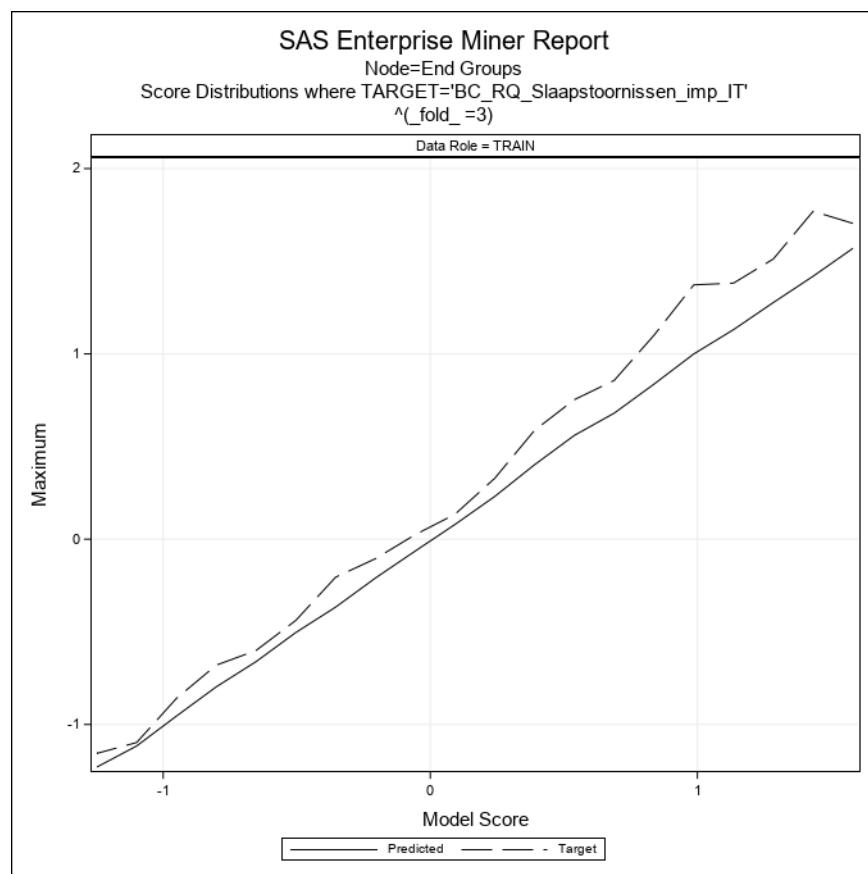
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN



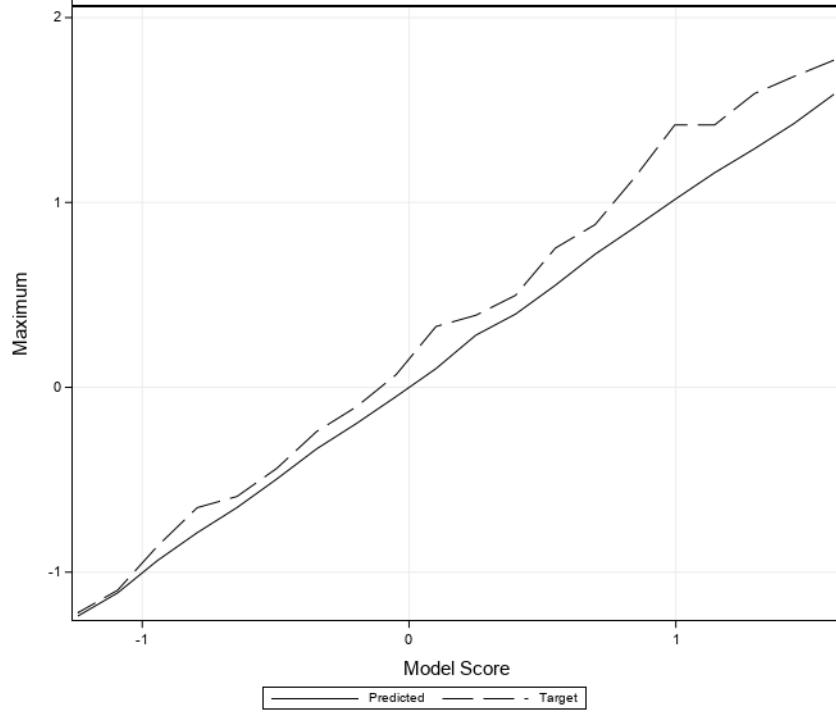


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN



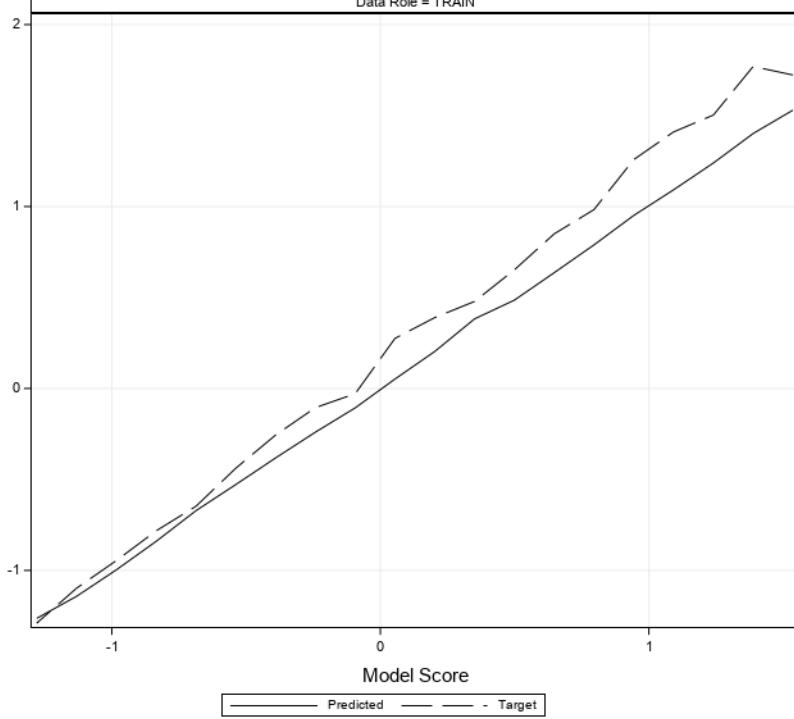
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

Maximum



— Predicted — - Target

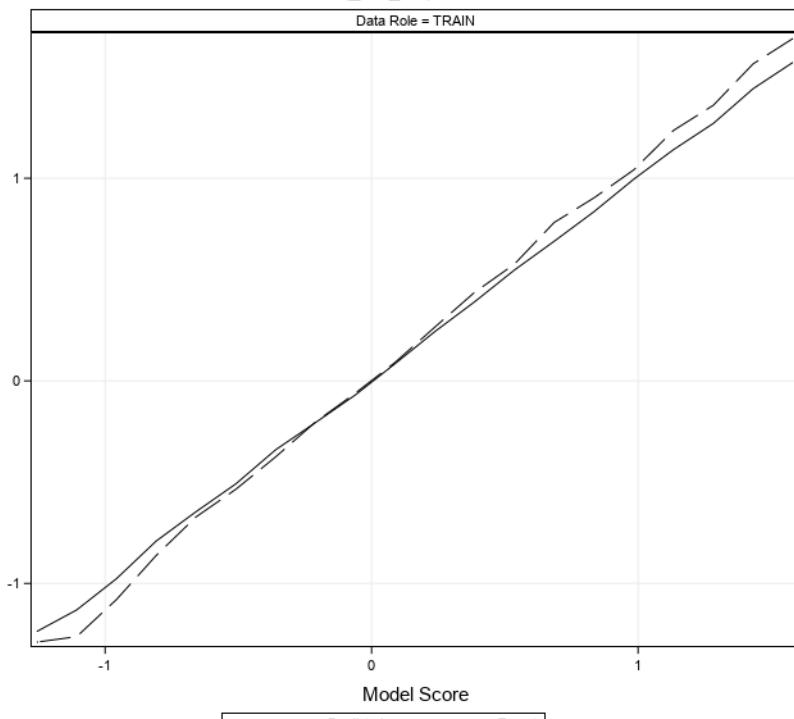
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

Mean



— Predicted — - Target

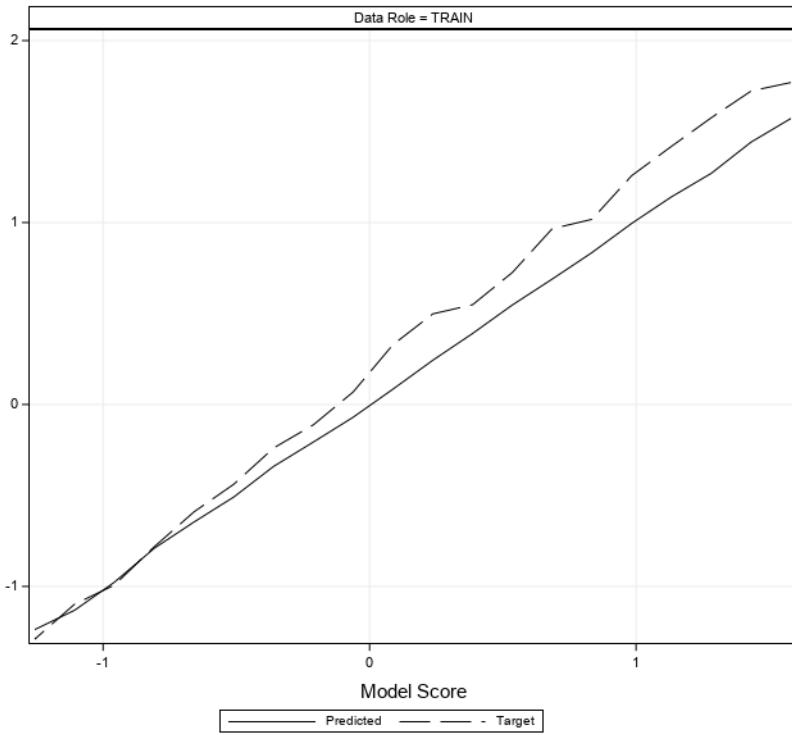
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=6)

Data Role = TRAIN

Maximum



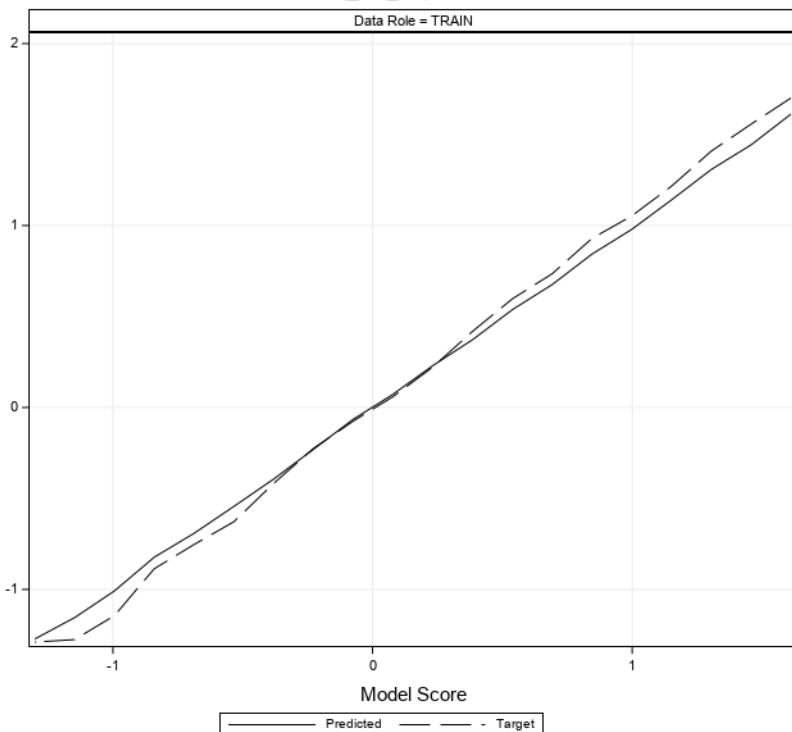
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

Mean



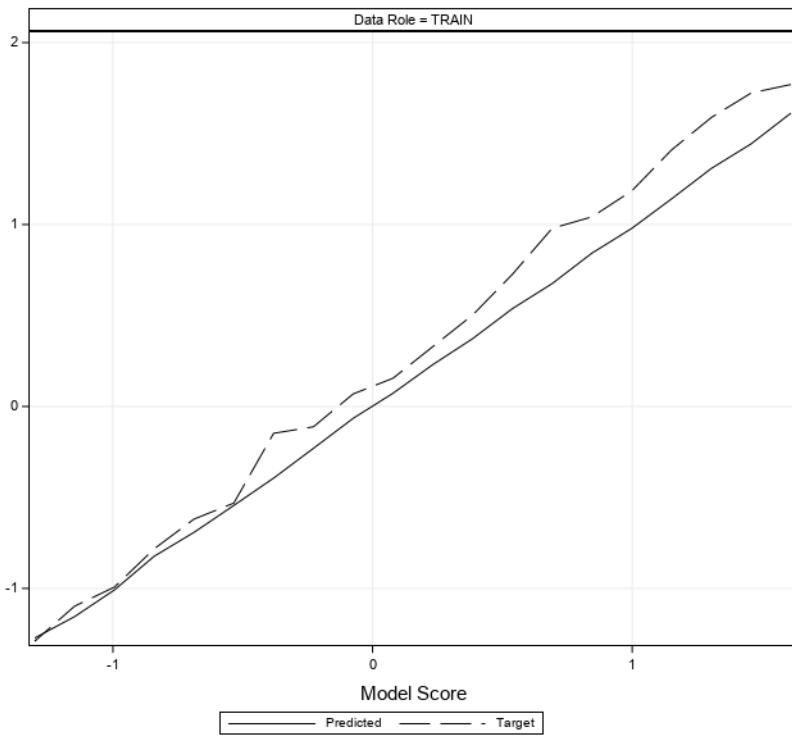
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

Maximum



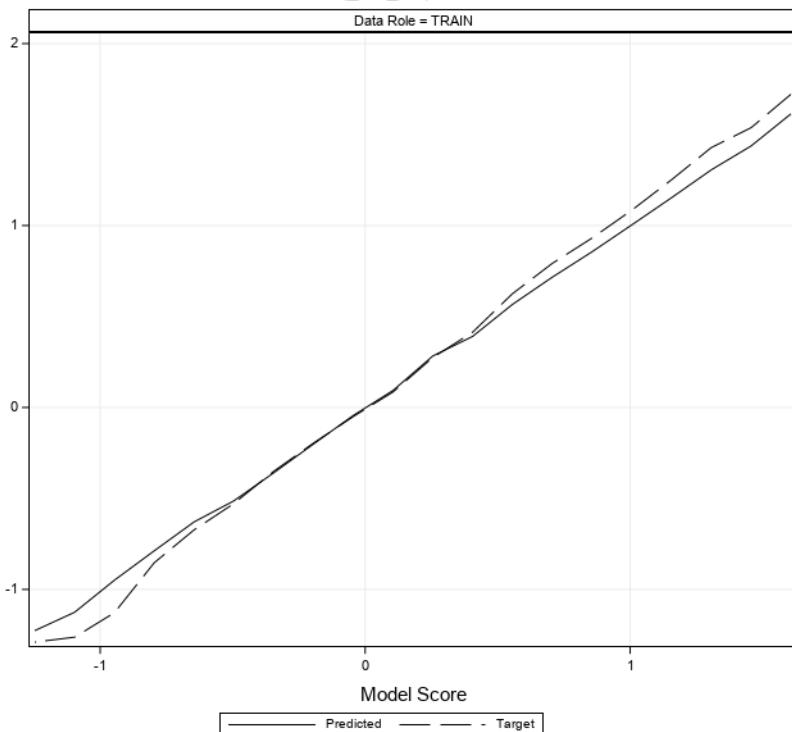
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=8)

Data Role = TRAIN

Mean



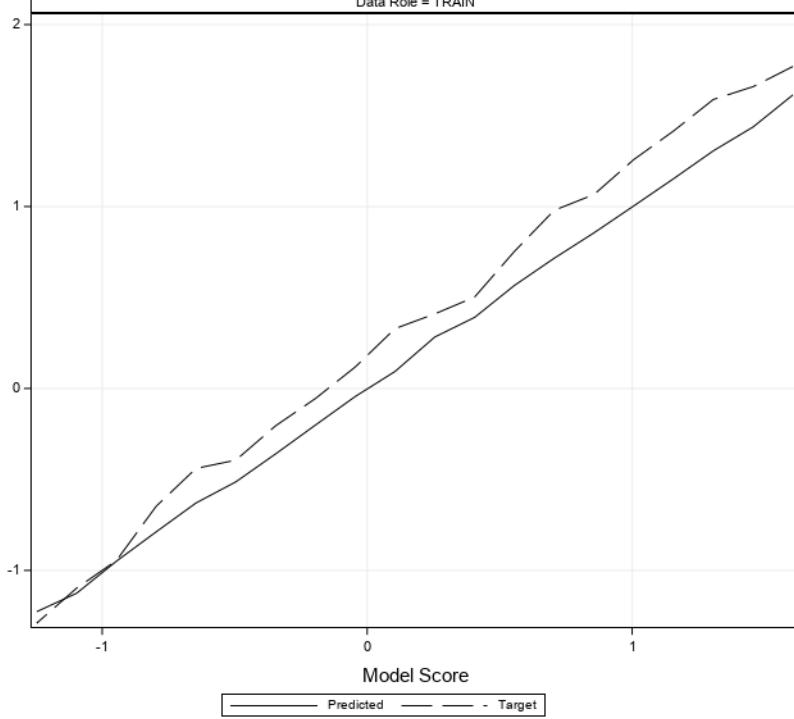
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

Maximum



Model Score

— Predicted — - Target

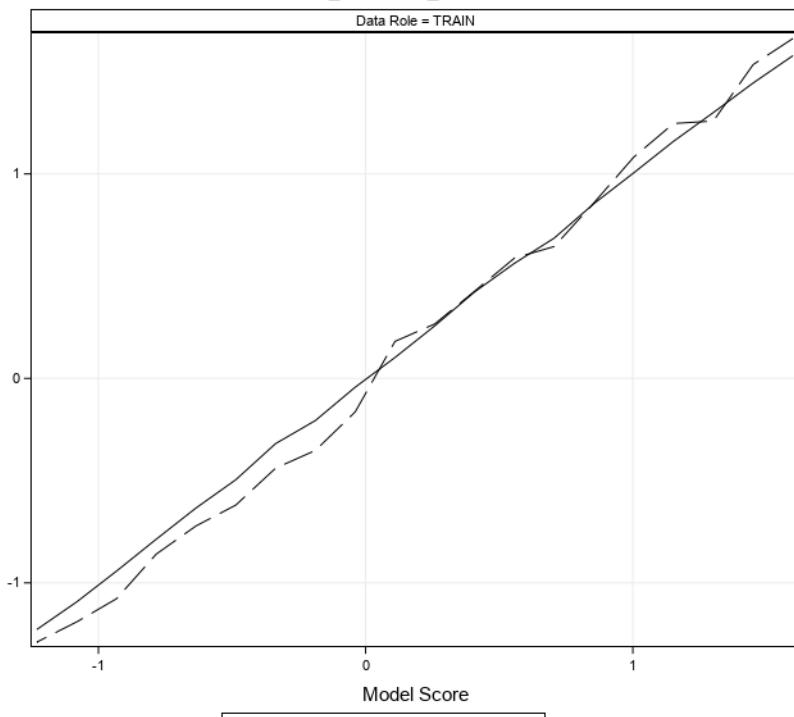
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN

Mean



Model Score

— Predicted — - Target



### **Node=End Groups Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.562 - 1.719	1.69628	1.71886	1.67370	1.74425	1.76974	1.71877
1.406 - 1.562	1.48108	1.55842	1.40777	1.56297	1.75390	1.25802
1.249 - 1.406	1.30916	1.39975	1.25035	1.40248	1.57618	1.27739
1.092 - 1.249	1.16377	1.24447	1.09433	1.27883	1.39890	1.09472
0.936 - 1.092	1.00876	1.07410	0.94548	1.08730	1.24789	0.93843
0.779 - 0.936	0.87335	0.93175	0.78608	0.93897	1.18466	0.83372
0.623 - 0.779	0.69591	0.77809	0.62698	0.74282	0.88044	0.60419
0.466 - 0.623	0.55047	0.62090	0.47321	0.62153	0.76638	0.46525
0.309 - 0.466	0.41113	0.46559	0.31901	0.42633	0.49777	0.31840
0.153 - 0.309	0.24421	0.30031	0.17305	0.28305	0.45800	0.13449
-0.004 - 0.153	0.07183	0.14594	-0.00005	0.08612	0.27536	-0.02880
-0.160 - -0.004	-0.08032	-0.01275	-0.15774	-0.06701	0.06892	-0.20528
-0.317 - -0.160	-0.23100	-0.16086	-0.31268	-0.24911	-0.12652	-0.39395
-0.474 - -0.317	-0.40222	-0.33959	-0.47027	-0.45947	-0.33277	-0.61896
-0.630 - -0.474	-0.55161	-0.48869	-0.60912	-0.61373	-0.43944	-0.71251
-0.787 - -0.630	-0.71931	-0.65210	-0.77323	-0.76751	-0.62105	-0.94555
-0.944 - -0.787	-0.88881	-0.80606	-0.94248	-0.97645	-0.78226	-1.15607
-1.100 - -0.944	-1.02156	-0.95590	-1.09587	-1.19392	-0.99278	-1.28949
-1.257 - -1.100	-1.19071	-1.11726	-1.25620	-1.28592	-1.15607	-1.28949
-1.413 - -1.257	-1.30332	-1.25808	-1.41337	-1.28949	-1.28949	-1.28949

### **Node=End Groups Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.493 - 1.640	1.56855	1.64041	1.51169	1.69547	1.76974	1.57618
1.346 - 1.493	1.41713	1.49232	1.36285	1.53990	1.68187	1.44021
1.199 - 1.346	1.30114	1.34341	1.21278	1.38603	1.56738	1.27739
1.052 - 1.199	1.13364	1.19206	1.05485	1.22008	1.47303	1.01455
0.905 - 1.052	0.98754	1.05195	0.92098	1.07502	1.30384	0.92080
0.759 - 0.905	0.83031	0.90216	0.76351	0.89763	1.00501	0.69221
0.612 - 0.759	0.67248	0.75484	0.61183	0.73160	0.97910	0.60419
0.465 - 0.612	0.53995	0.59039	0.46618	0.59377	0.84963	0.46525
0.318 - 0.465	0.39690	0.44017	0.32126	0.42495	0.58749	0.30195
0.171 - 0.318	0.27478	0.31703	0.19599	0.27508	0.40910	0.17516
0.024 - 0.171	0.07863	0.16280	0.02477	0.08464	0.22557	0.02169
-0.123 - 0.024	-0.04661	0.01648	-0.11219	-0.07651	0.04568	-0.23932
-0.270 - -0.123	-0.19189	-0.12884	-0.26360	-0.20893	-0.05541	-0.35213
-0.417 - -0.270	-0.34550	-0.27290	-0.40873	-0.33923	-0.14766	-0.51035
-0.564 - -0.417	-0.49710	-0.42676	-0.56414	-0.56196	-0.39395	-0.78226
-0.711 - -0.564	-0.63346	-0.56952	-0.70918	-0.65536	-0.59026	-0.78467
-0.858 - -0.711	-0.77145	-0.71952	-0.83295	-0.82220	-0.65683	-0.94555
-1.005 - -0.858	-0.94738	-0.86516	-1.00204	-1.02701	-0.85936	-1.15607
-1.152 - -1.005	-1.10030	-1.00975	-1.14914	-1.24862	-1.09749	-1.28949
-1.299 - -1.152	-1.22072	-1.15291	-1.29927	-1.28723	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.508 - 1.657	1.56977	1.65680	1.51890	1.61616	1.70423	1.54020
1.359 - 1.508	1.41917	1.48085	1.36186	1.53493	1.76974	1.41905
1.210 - 1.359	1.27716	1.34371	1.21511	1.36265	1.51224	1.17463
1.061 - 1.210	1.13095	1.19804	1.06460	1.21116	1.38199	1.01762
0.912 - 1.061	0.99961	1.05929	0.91330	1.07687	1.37243	0.92436
0.763 - 0.912	0.83656	0.90727	0.77598	0.90135	1.10033	0.69707
0.614 - 0.763	0.68005	0.75597	0.62283	0.75534	0.85677	0.62051
0.465 - 0.614	0.56019	0.60144	0.49463	0.62770	0.75303	0.50230
0.316 - 0.465	0.40183	0.46280	0.32344	0.44246	0.58749	0.25804
0.167 - 0.316	0.23068	0.29034	0.17682	0.23928	0.32884	0.10661
0.018 - 0.167	0.07946	0.13463	0.02635	0.05299	0.13449	-0.02880
-0.131 - 0.018	-0.06412	0.01692	-0.10963	-0.06629	0.02434	-0.15701
-0.280 - -0.131	-0.20978	-0.14585	-0.27991	-0.20938	-0.10535	-0.34438
-0.429 - -0.280	-0.36676	-0.30448	-0.42218	-0.41407	-0.20528	-0.60236
-0.578 - -0.429	-0.50373	-0.45647	-0.57545	-0.52320	-0.43832	-0.61896
-0.727 - -0.578	-0.66095	-0.58265	-0.72327	-0.71723	-0.60076	-0.94555
-0.876 - -0.727	-0.79704	-0.73437	-0.87407	-0.86067	-0.67998	-1.21974
-1.025 - -0.876	-0.95478	-0.88156	-1.02151	-1.06995	-0.85936	-1.28949
-1.174 - -1.025	-1.11624	-1.03977	-1.17252	-1.25401	-1.09749	-1.28949
-1.323 - -1.174	-1.22999	-1.17432	-1.32290	-1.28436	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.518 - 1.667	1.58522	1.66707	1.53063	1.68380	1.76974	1.55847
1.369 - 1.518	1.42752	1.48369	1.38127	1.53440	1.68187	1.37498
1.220 - 1.369	1.29012	1.34193	1.22481	1.39128	1.58841	1.27801
1.070 - 1.220	1.16044	1.21543	1.07812	1.25437	1.41905	1.07475
0.921 - 1.070	1.01566	1.06893	0.92862	1.08201	1.41905	0.92436
0.772 - 0.921	0.86596	0.92086	0.77681	0.96842	1.13678	0.83372
0.623 - 0.772	0.72027	0.77137	0.63293	0.75558	0.88044	0.57462
0.474 - 0.623	0.55220	0.62178	0.48221	0.61421	0.75303	0.46525
0.325 - 0.474	0.39621	0.46241	0.32966	0.42481	0.49777	0.30195
0.176 - 0.325	0.28190	0.32186	0.20457	0.24912	0.38961	0.02169
0.026 - 0.176	0.10114	0.17002	0.03862	0.11344	0.32884	-0.02880
-0.123 - 0.026	-0.04951	0.02405	-0.11205	-0.05852	0.06892	-0.23932
-0.272 - -0.123	-0.19586	-0.12319	-0.27169	-0.19557	-0.10535	-0.33277
-0.421 - -0.272	-0.33300	-0.27482	-0.41741	-0.36101	-0.23932	-0.45518
-0.570 - -0.421	-0.49580	-0.44513	-0.56711	-0.53678	-0.43832	-0.61896
-0.719 - -0.570	-0.65040	-0.59004	-0.70415	-0.68674	-0.59026	-0.81979
-0.869 - -0.719	-0.78637	-0.72310	-0.86807	-0.83235	-0.65100	-1.28949
-1.018 - -0.869	-0.93720	-0.87328	-1.01634	-1.03175	-0.85936	-1.15607
-1.167 - -1.018	-1.11193	-1.02500	-1.16578	-1.25749	-1.09749	-1.28949
-1.316 - -1.167	-1.23749	-1.18067	-1.31601	-1.28809	-1.21974	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.462 - 1.611	1.52987	1.61056	1.47151	1.64458	1.72302	1.55847
1.314 - 1.462	1.40131	1.45617	1.33251	1.53637	1.76974	1.41905
1.166 - 1.314	1.23914	1.31409	1.16814	1.33740	1.50263	1.17092
1.018 - 1.166	1.09172	1.15301	1.02278	1.19132	1.40996	1.00501
0.870 - 1.018	0.95108	1.01552	0.87303	1.02455	1.25802	0.88044
0.721 - 0.870	0.78907	0.86901	0.72602	0.85575	0.98308	0.64172
0.573 - 0.721	0.63624	0.72096	0.57858	0.68907	0.84963	0.53499
0.425 - 0.573	0.48544	0.55849	0.42541	0.54922	0.65210	0.40999
0.277 - 0.425	0.38259	0.40963	0.33021	0.38637	0.47843	0.19467
0.129 - 0.277	0.20347	0.27371	0.13202	0.21373	0.38961	0.04568
-0.020 - 0.129	0.05187	0.12012	-0.01685	0.03890	0.27536	-0.20528
-0.168 - -0.020	-0.10665	-0.03234	-0.15806	-0.11987	-0.02880	-0.29355
-0.316 - -0.168	-0.24014	-0.17279	-0.30961	-0.23537	-0.10535	-0.39643
-0.464 - -0.316	-0.38188	-0.32938	-0.45321	-0.41096	-0.25587	-0.56265
-0.612 - -0.464	-0.52806	-0.46426	-0.61217	-0.58516	-0.43832	-0.78226
-0.761 - -0.612	-0.67148	-0.62159	-0.74695	-0.72563	-0.64719	-0.81979
-0.909 - -0.761	-0.83992	-0.76182	-0.90377	-0.93104	-0.78226	-1.28949
-1.057 - -0.909	-0.99658	-0.93188	-1.05226	-1.18823	-0.94555	-1.28949
-1.205 - -1.057	-1.14217	-1.06138	-1.20211	-1.26404	-1.09749	-1.28949
-1.353 - -1.205	-1.26318	-1.20699	-1.35337	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.506 - 1.656	1.57211	1.65581	1.51603	1.69008	1.76974	1.55847
1.357 - 1.506	1.44227	1.49826	1.38472	1.56480	1.72302	1.44021
1.208 - 1.357	1.27077	1.34514	1.21026	1.36044	1.57618	1.09472
1.058 - 1.208	1.14147	1.20506	1.06091	1.23632	1.41905	1.00501
0.909 - 1.058	0.99546	1.05673	0.91667	1.04143	1.25802	0.91001
0.760 - 0.909	0.83496	0.90800	0.77643	0.90317	1.01762	0.80658
0.610 - 0.760	0.68903	0.75832	0.63157	0.78180	0.96579	0.63431
0.461 - 0.610	0.54689	0.60435	0.46280	0.57597	0.72559	0.19467
0.312 - 0.461	0.39017	0.44515	0.34265	0.43698	0.54821	0.31840
0.162 - 0.312	0.24291	0.30840	0.17880	0.26504	0.49777	0.06892
0.013 - 0.162	0.08441	0.16231	0.01398	0.09084	0.32884	-0.02880
-0.136 - 0.013	-0.07002	0.00943	-0.13107	-0.06127	0.06892	-0.15701
-0.285 - -0.136	-0.20639	-0.13796	-0.28306	-0.20360	-0.11173	-0.33277
-0.435 - -0.285	-0.34040	-0.29578	-0.40246	-0.37551	-0.23932	-0.61896
-0.584 - -0.435	-0.50857	-0.45595	-0.58411	-0.53527	-0.43832	-0.65828
-0.733 - -0.584	-0.64596	-0.59051	-0.70112	-0.67178	-0.59026	-0.79358
-0.883 - -0.733	-0.79062	-0.73637	-0.85264	-0.86183	-0.78226	-1.04326
-1.032 - -0.883	-0.97668	-0.94033	-0.99783	-1.07972	-0.99278	-1.15607
-1.181 - -1.032	-1.13092	-1.04574	-1.18104	-1.26281	-1.09749	-1.28949
-1.331 - -1.181	-1.23711	-1.18615	-1.33081	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.535 - 1.688	1.61241	1.68805	1.56506	1.70102	1.76974	1.55847
1.382 - 1.535	1.44359	1.52475	1.38211	1.55740	1.72302	1.34442
1.228 - 1.382	1.30831	1.37307	1.22962	1.40928	1.58841	1.25123
1.075 - 1.228	1.14097	1.22773	1.08237	1.21647	1.40996	1.07475
0.922 - 1.075	0.97875	1.05653	0.92305	1.05291	1.18475	0.92436
0.768 - 0.922	0.84294	0.92054	0.79136	0.92913	1.04222	0.84891
0.615 - 0.768	0.67541	0.75479	0.61522	0.73491	0.97910	0.58749
0.462 - 0.615	0.53761	0.59814	0.46875	0.59707	0.72629	0.46525
0.309 - 0.462	0.37252	0.43724	0.31732	0.41852	0.50230	0.31840
0.155 - 0.309	0.22988	0.29621	0.15693	0.22209	0.32884	0.11781
0.002 - 0.155	0.07259	0.14132	0.00890	0.05931	0.15511	-0.06966
-0.151 - 0.002	-0.06505	-0.00014	-0.15083	-0.07522	0.06892	-0.29355
-0.304 - -0.151	-0.23026	-0.16700	-0.29310	-0.22510	-0.11173	-0.34726
-0.458 - -0.304	-0.39380	-0.31439	-0.45697	-0.41762	-0.14766	-0.60236
-0.611 - -0.458	-0.54396	-0.47733	-0.61089	-0.62838	-0.53102	-0.71373
-0.764 - -0.611	-0.69188	-0.63663	-0.75330	-0.75340	-0.61896	-0.94555
-0.918 - -0.764	-0.82317	-0.76644	-0.91397	-0.88660	-0.78226	-1.04326
-1.071 - -0.918	-1.00837	-0.91858	-1.06499	-1.14414	-0.99278	-1.28949
-1.224 - -1.071	-1.15503	-1.07275	-1.22289	-1.27577	-1.09749	-1.28949
-1.377 - -1.224	-1.27230	-1.22622	-1.37740	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=\_fold\_=8 Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.532 - 1.682	1.61371	1.68187	1.54659	1.72143	1.76974	1.65891
1.382 - 1.532	1.43748	1.52216	1.39604	1.53784	1.65900	1.44021
1.231 - 1.382	1.30627	1.36966	1.24047	1.42867	1.58841	1.29103
1.081 - 1.231	1.15293	1.23103	1.09668	1.25167	1.41520	1.12609
0.931 - 1.081	1.00344	1.07057	0.93581	1.08419	1.25802	0.94388
0.781 - 0.931	0.85536	0.91814	0.78294	0.93088	1.06602	0.81948
0.631 - 0.781	0.71565	0.77769	0.64013	0.79145	0.97910	0.69707
0.480 - 0.631	0.56611	0.62244	0.50029	0.62485	0.75303	0.47843
0.330 - 0.480	0.39053	0.45983	0.33036	0.41348	0.50230	0.30195
0.180 - 0.330	0.28280	0.32392	0.21435	0.27454	0.40999	0.13449
0.030 - 0.180	0.09331	0.17290	0.03221	0.08497	0.32884	-0.00312
-0.120 - 0.030	-0.04432	0.01547	-0.11697	-0.05019	0.11781	-0.23932
-0.270 - -0.120	-0.20129	-0.14912	-0.26043	-0.19615	-0.05541	-0.43832
-0.421 - -0.270	-0.35965	-0.27485	-0.41867	-0.35117	-0.20528	-0.48554
-0.571 - -0.421	-0.51332	-0.42586	-0.56617	-0.52836	-0.39395	-0.61896
-0.721 - -0.571	-0.62930	-0.57144	-0.68566	-0.67303	-0.43944	-0.81979
-0.871 - -0.721	-0.78786	-0.72355	-0.86236	-0.85361	-0.64719	-1.15607
-1.021 - -0.871	-0.94931	-0.88021	-1.02064	-1.12798	-0.94555	-1.28949
-1.172 - -1.021	-1.12553	-1.04557	-1.17048	-1.26257	-1.09749	-1.28949
-1.322 - -1.172	-1.22645	-1.17705	-1.32174	-1.28949	-1.28949	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.525 - 1.674	1.57821	1.67370	1.53014	1.66230	1.76974	1.55847
1.376 - 1.525	1.44467	1.51890	1.38905	1.53442	1.58841	1.44021
1.227 - 1.376	1.30011	1.36285	1.23098	1.25869	1.56738	-1.28949
1.078 - 1.227	1.15960	1.22481	1.08078	1.24656	1.47303	1.00501
0.929 - 1.078	1.00535	1.07027	0.93518	1.08216	1.24789	0.92080
0.780 - 0.929	0.85474	0.92160	0.78363	0.85890	1.27801	-1.28949
0.631 - 0.780	0.68603	0.77135	0.63240	0.64484	1.18714	-1.15607
0.482 - 0.631	0.56254	0.62698	0.48273	0.58807	1.71877	-1.21974
0.333 - 0.482	0.42283	0.47684	0.33785	0.42629	1.68187	-0.78226
0.184 - 0.333	0.25712	0.32239	0.18716	0.26642	1.75390	-1.28949
0.035 - 0.184	0.10219	0.17682	0.04147	0.18095	1.51224	-0.11173
-0.113 - 0.035	-0.04302	0.02636	-0.11338	-0.16382	0.50230	-1.28949
-0.262 - -0.113	-0.20599	-0.13141	-0.25990	-0.35212	1.16447	-1.28949
-0.411 - -0.262	-0.31890	-0.26598	-0.37209	-0.43899	-0.23932	-1.28949
-0.560 - -0.411	-0.49545	-0.41763	-0.55867	-0.61957	-0.12652	-1.28949
-0.709 - -0.560	-0.63366	-0.56130	-0.70288	-0.72149	-0.56265	-1.28949
-0.858 - -0.709	-0.78642	-0.71163	-0.84298	-0.85934	-0.20528	-1.28949
-1.007 - -0.858	-0.94265	-0.86444	-0.98003	-1.07767	-0.94555	-1.28949
-1.156 - -1.007	-1.09320	-1.01320	-1.15487	-1.19098	0.38961	-1.28949
-1.305 - -1.156	-1.22792	-1.16252	-1.30492	-1.28946	-1.28820	-1.28949

## Node=End Groups Summary

Group Index	Group	Frequency Count
1	$\wedge(\text{fold\_}=1)$	352
2	$\wedge(\text{fold\_}=2)$	346
3	$\wedge(\text{fold\_}=3)$	347
4	$\wedge(\text{fold\_}=4)$	338
5	$\wedge(\text{fold\_}=5)$	334
6	$\wedge(\text{fold\_}=6)$	333
7	$\wedge(\text{fold\_}=7)$	359
8	$\wedge(\text{fold\_}=8)$	342

## SAS Enterprise Miner Report

### Node=Gradient Boosting Summary

Node id = Boost3  
 Node label = Gradient Boosting  
 Meta path = Ids => Trans => Grp11 => Boost3  
 Notes =

### Node=Gradient Boosting Properties

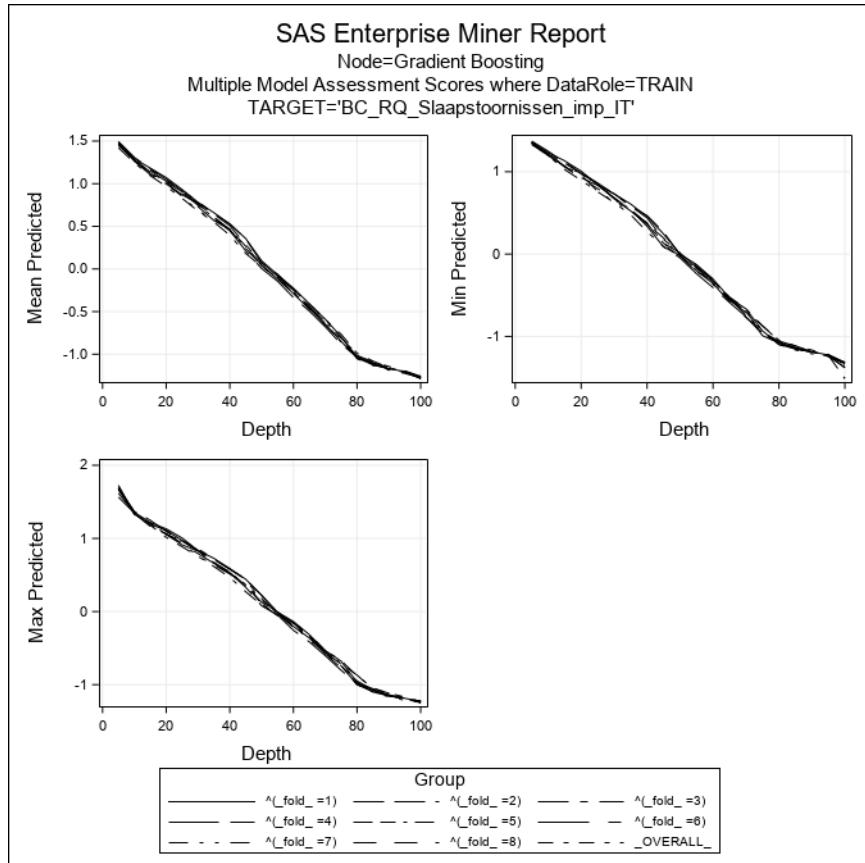
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	3	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	6	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	1	
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	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_Slaapstoornissen_imp_IT	
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: Root	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total
			Sum of Frequencies	Train: Times Freq				
1	^(fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	344	344	0.33502	4.6320	0.01346	0.11604
2	^(fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	347	347	0.38177	5.4705	0.01577	0.12556
3	^(fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	339	339	0.36757	5.8572	0.01728	0.13145
4	^(fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	354	354	0.39791	5.5053	0.01555	0.12471
5	^(fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	340	340	0.51246	6.2097	0.01826	0.13514
6	^(fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	355	355	0.38963	5.3170	0.01498	0.12238
7	^(fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	331	331	0.33320	3.9207	0.01185	0.10883

Group Index	Group	Train: Target Variable	Train:		Train:		Train:		Train:		Train:	
			Sum of Weights	Case Freq	Maximum Absolute Error	Sum of Squared Errors	Average Squared Error	Root ASE	Divisor for ASE	Degrees of Freedom	Total	Target Label
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	333	333	0.42071	4.9231	0.01478	0.12159	333	333	ReQuest (sleep subscale) (Box-Cox transformed)	
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	393	.	2.14046	63.0436	0.16042	0.40052	393	.	ReQuest (sleep subscale) (Box-Cox transformed)	

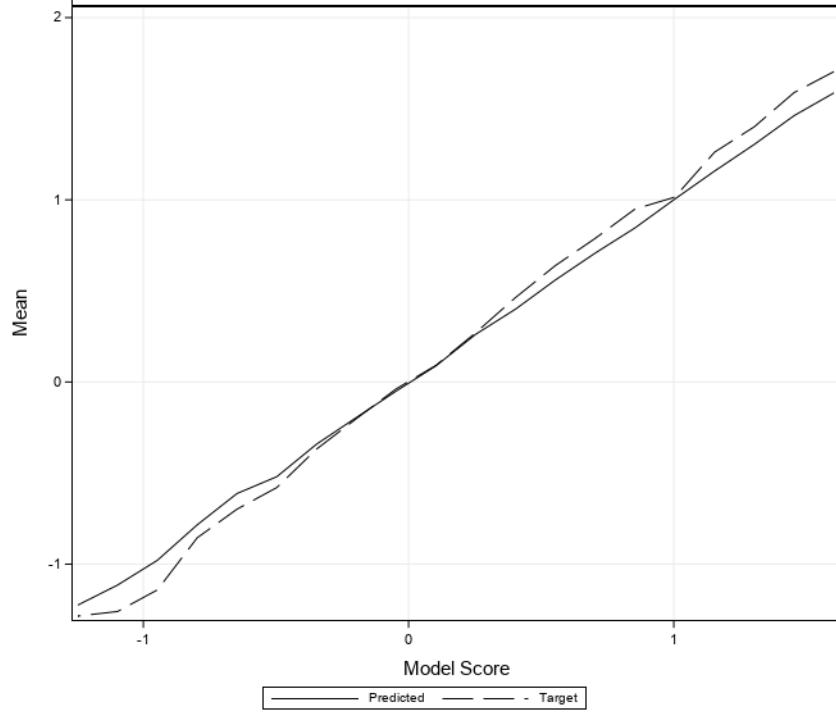


### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

Mean

1  
0  
-1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

Mean

-1  
0  
1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

Mean

-1  
0  
1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

Mean

-1  
0  
1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

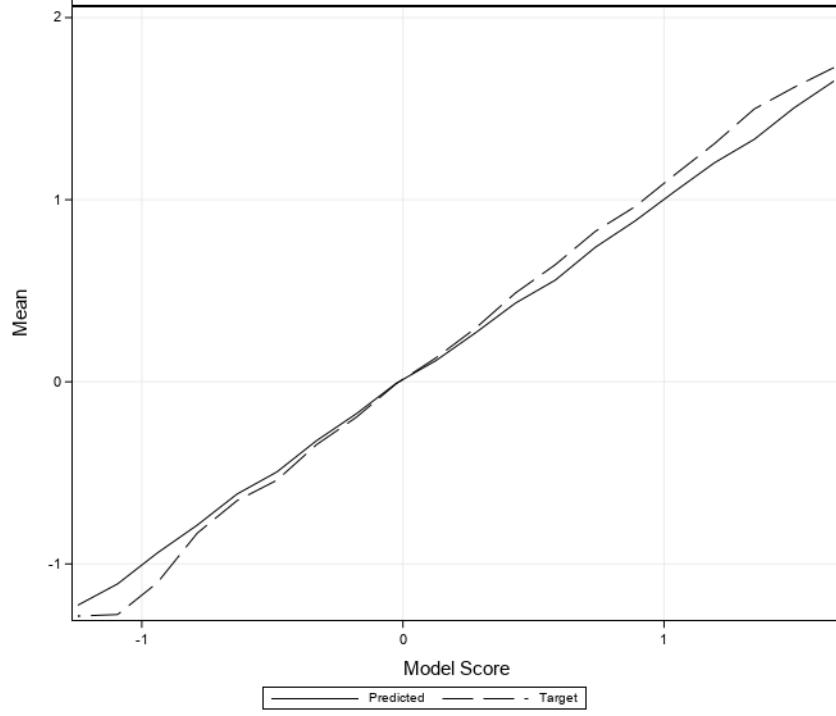
— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

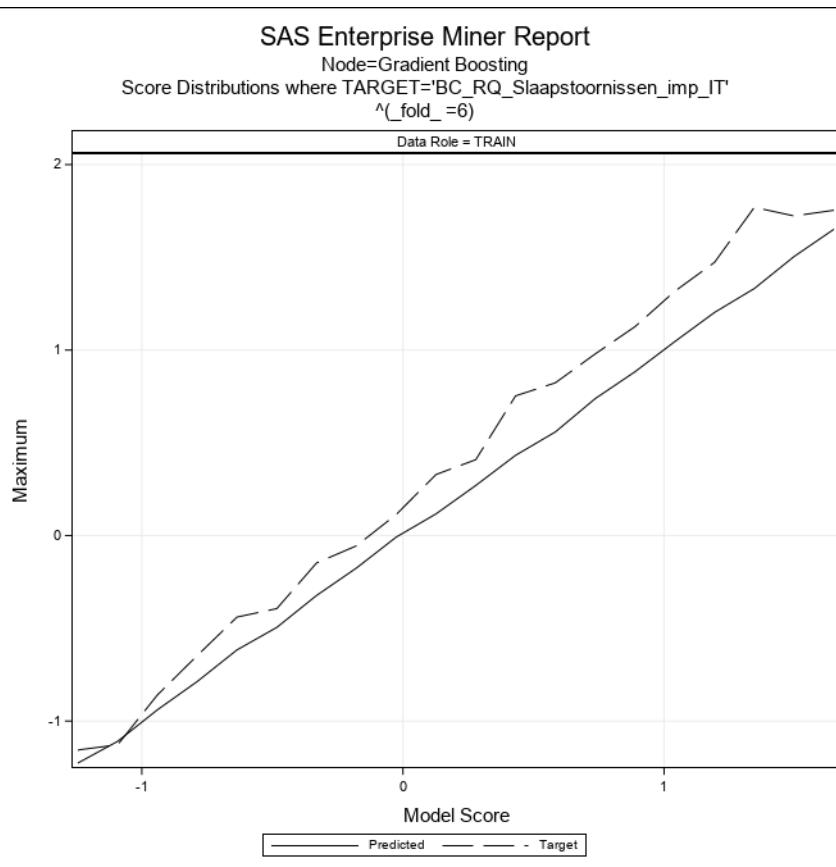


### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

Mean

1  
0  
-1

Model Score

—— Predicted —— - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

—— Predicted —— - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=8)

Data Role = TRAIN

Mean

1  
0  
-1

-1.0 -0.5 0.0 0.5 1.0 1.5

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=8)

Data Role = TRAIN

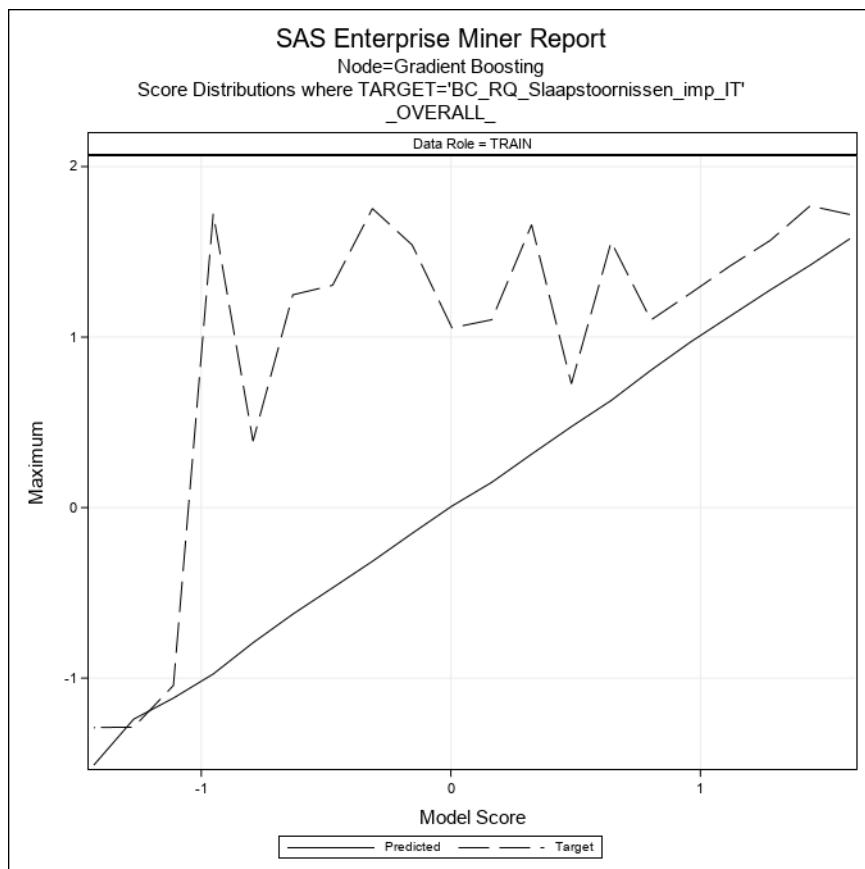
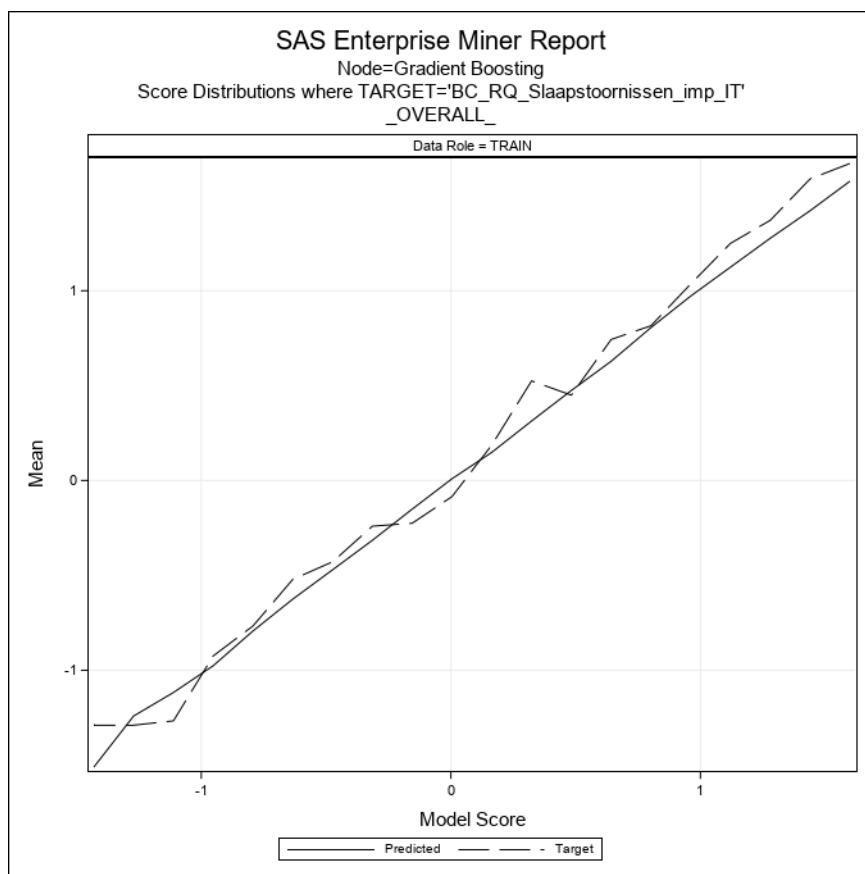
Maximum

2  
1  
0  
-1

-1.0 -0.5 0.0 0.5 1.0 1.5

Model Score

— Predicted — - Target



**Node=Gradient Boosting**  
**Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.529 - 1.679	1.58673	1.67878	1.53777	1.70350	1.76974	1.65891
1.379 - 1.529	1.46193	1.52833	1.38350	1.58864	1.72302	1.44021
1.229 - 1.379	1.30417	1.37386	1.23253	1.40094	1.58841	1.25123
1.079 - 1.229	1.15760	1.21666	1.07988	1.26132	1.47303	1.07475
0.929 - 1.079	1.00392	1.07367	0.94435	1.01455	1.13678	0.84963
0.779 - 0.929	0.84563	0.92203	0.77923	0.94901	1.18466	0.73270
0.629 - 0.779	0.70738	0.77814	0.62855	0.78807	1.10033	0.53499
0.479 - 0.629	0.56002	0.62551	0.47879	0.63906	0.84963	0.46525
0.328 - 0.479	0.40004	0.47819	0.33047	0.46375	0.71147	0.17516
0.178 - 0.328	0.26207	0.32726	0.18284	0.27089	0.38961	0.11781
0.028 - 0.178	0.08887	0.14165	0.02890	0.09137	0.27536	-0.02880
-0.122 - 0.028	-0.04985	0.01907	-0.11642	-0.03761	0.15511	-0.29355
-0.272 - -0.122	-0.19486	-0.12257	-0.27071	-0.20095	-0.05541	-0.48554
-0.422 - -0.272	-0.34105	-0.27247	-0.40239	-0.36822	-0.23932	-0.45518
-0.572 - -0.422	-0.51974	-0.44122	-0.55909	-0.57921	-0.43944	-0.64884
-0.722 - -0.572	-0.61206	-0.57243	-0.67951	-0.69798	-0.59026	-0.81979
-0.872 - -0.722	-0.78394	-0.73135	-0.86679	-0.85500	-0.70002	-1.00362
-1.022 - -0.872	-0.97836	-0.92929	-1.01221	-1.14077	-0.94555	-1.28949
-1.172 - -1.022	-1.11423	-1.03635	-1.16811	-1.25952	-1.04326	-1.28949
-1.322 - -1.172	-1.22436	-1.17215	-1.32190	-1.28476	-1.15607	-1.28949

### Node=Gradient Boosting Score Distributions

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.534 - 1.687	1.60325	1.68683	1.53685	1.66122	1.75390	1.55847
1.381 - 1.534	1.45444	1.51734	1.40655	1.62510	1.76974	1.44567
1.228 - 1.381	1.30606	1.37477	1.23641	1.41134	1.54020	1.27739
1.075 - 1.228	1.14770	1.22582	1.08519	1.24235	1.47303	1.00501
0.922 - 1.075	1.01806	1.07443	0.92992	1.12597	1.34127	0.94388
0.769 - 0.922	0.84064	0.91849	0.77664	0.95167	1.10175	0.76638
0.616 - 0.769	0.71527	0.76293	0.64014	0.78861	1.13678	0.63431
0.463 - 0.616	0.54808	0.61100	0.46729	0.60738	0.84963	0.46525
0.310 - 0.463	0.38852	0.44204	0.32234	0.40904	0.58749	0.30195
0.157 - 0.310	0.26752	0.30843	0.17321	0.25801	0.40910	0.11781
0.003 - 0.157	0.04568	0.14175	0.00538	0.04241	0.15511	-0.06281
-0.150 - 0.003	-0.05757	-0.00537	-0.13891	-0.03650	0.13394	-0.17275
-0.303 - -0.150	-0.23181	-0.15030	-0.29418	-0.24497	-0.06966	-0.43832
-0.456 - -0.303	-0.36662	-0.30532	-0.44575	-0.41303	-0.22210	-0.61896
-0.609 - -0.456	-0.54193	-0.45838	-0.60865	-0.59113	-0.43832	-0.78226
-0.762 - -0.609	-0.69984	-0.62836	-0.75819	-0.76252	-0.64719	-1.00362
-0.915 - -0.762	-0.82808	-0.76202	-0.90772	-1.01190	-0.78226	-1.28949
-1.068 - -0.915	-1.00906	-0.92122	-1.06493	-1.17566	-0.87727	-1.28949
-1.221 - -1.068	-1.14993	-1.06833	-1.21086	-1.27658	-1.12813	-1.28949
-1.374 - -1.221	-1.27051	-1.22812	-1.37383	-1.28949	-1.28949	-1.28949

### Node=Gradient Boosting Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.512 - 1.664	1.57366	1.66413	1.51568	1.66561	1.75390	1.55847
1.360 - 1.512	1.44423	1.51157	1.37519	1.57240	1.68187	1.44021
1.208 - 1.360	1.27545	1.35729	1.21109	1.34016	1.51224	1.17092
1.055 - 1.208	1.14353	1.20156	1.08728	1.28301	1.50424	1.05422
0.903 - 1.055	0.98300	1.05030	0.90318	1.05411	1.38199	0.83372
0.751 - 0.903	0.83857	0.89744	0.75352	0.94793	1.10033	0.76638
0.599 - 0.751	0.66534	0.74993	0.60384	0.74224	0.96579	0.53499
0.447 - 0.599	0.51512	0.58357	0.45479	0.59806	0.72629	0.46525
0.294 - 0.447	0.37715	0.43853	0.30534	0.44768	0.55302	0.32620
0.142 - 0.294	0.21213	0.26702	0.15291	0.27652	0.40910	0.17516
-0.010 - 0.142	0.05592	0.12415	-0.00901	0.03847	0.13449	-0.23932
-0.162 - -0.010	-0.09651	-0.01884	-0.16137	-0.08072	0.02313	-0.23932
-0.314 - -0.162	-0.23053	-0.16527	-0.29978	-0.23354	-0.10535	-0.39395
-0.467 - -0.314	-0.39218	-0.33448	-0.45556	-0.42818	-0.23932	-0.59944
-0.619 - -0.467	-0.52912	-0.48147	-0.61562	-0.56979	-0.43944	-0.72443
-0.771 - -0.619	-0.69964	-0.62329	-0.76576	-0.78979	-0.64719	-1.00362
-0.923 - -0.771	-0.83150	-0.78848	-0.89720	-0.92818	-0.70002	-1.21974
-1.075 - -0.923	-1.01403	-0.93376	-1.07401	-1.23432	-0.99278	-1.28949
-1.228 - -1.075	-1.14762	-1.07899	-1.22578	-1.28034	-1.15386	-1.28949
-1.380 - -1.228	-1.27562	-1.22794	-1.37975	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.529 - 1.680	1.59293	1.67976	1.54636	1.65441	1.71877	1.53572
1.379 - 1.529	1.45202	1.52412	1.38133	1.60554	1.75390	1.41905
1.229 - 1.379	1.28637	1.37183	1.23467	1.40937	1.76974	1.27801
1.079 - 1.229	1.12556	1.21515	1.07936	1.24792	1.47303	1.01455
0.928 - 1.079	1.01004	1.07135	0.93666	1.07897	1.25802	0.93843
0.778 - 0.928	0.85158	0.92599	0.77848	0.94303	1.13678	0.69707
0.628 - 0.778	0.69664	0.77600	0.63643	0.78239	0.96579	0.63431
0.477 - 0.628	0.55320	0.62464	0.48723	0.62957	0.81948	0.47843
0.327 - 0.477	0.39743	0.47515	0.32784	0.42808	0.63374	0.25804
0.177 - 0.327	0.24393	0.31316	0.18782	0.25637	0.49777	0.11781
0.027 - 0.177	0.09386	0.17583	0.02875	0.10264	0.32884	-0.08303
-0.124 - 0.027	-0.03674	0.02336	-0.11352	-0.02607	0.13394	-0.20528
-0.274 - -0.124	-0.21391	-0.15065	-0.27214	-0.18589	-0.10535	-0.29355
-0.424 - -0.274	-0.35428	-0.28487	-0.41462	-0.39689	-0.20528	-0.60076
-0.575 - -0.424	-0.49264	-0.42677	-0.55502	-0.57218	-0.39395	-0.78226
-0.725 - -0.575	-0.66438	-0.58716	-0.71661	-0.70153	-0.59944	-0.81979
-0.875 - -0.725	-0.81878	-0.72662	-0.86884	-0.93833	-0.78226	-1.15607
-1.025 - -0.875	-0.96450	-0.88235	-1.02275	-1.12175	-0.87727	-1.28949
-1.176 - -1.025	-1.10958	-1.04067	-1.17373	-1.27348	-1.09749	-1.28949
-1.326 - -1.176	-1.22887	-1.17605	-1.32600	-1.28946	-1.28820	-1.28949

## Node=Gradient Boosting Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.556 - 1.708	1.64286	1.70791	1.59195	1.69764	1.75390	1.65891
1.403 - 1.556	1.46497	1.51275	1.42763	1.61073	1.72302	1.44021
1.251 - 1.403	1.31961	1.40255	1.25540	1.43494	1.76974	1.25802
1.099 - 1.251	1.17042	1.24380	1.10316	1.27821	1.50424	1.01455
0.947 - 1.099	1.01991	1.09541	0.95140	1.12151	1.34127	0.92080
0.794 - 0.947	0.87100	0.94080	0.79712	0.94778	1.10175	0.70134
0.642 - 0.794	0.70624	0.78285	0.65190	0.79619	1.10033	0.53499
0.490 - 0.642	0.55875	0.62655	0.49325	0.67165	0.85677	0.47843
0.338 - 0.490	0.40819	0.47663	0.33968	0.48227	0.57041	0.30195
0.185 - 0.338	0.24903	0.31984	0.19563	0.24625	0.40910	0.04568
0.033 - 0.185	0.10930	0.17986	0.04925	0.12358	0.32884	-0.11173
-0.119 - 0.033	-0.03312	0.03119	-0.11364	-0.01428	0.15511	-0.17275
-0.271 - -0.119	-0.19737	-0.14057	-0.23931	-0.17574	0.06892	-0.34438
-0.424 - -0.271	-0.32129	-0.27609	-0.40233	-0.36596	-0.22210	-0.59026
-0.576 - -0.424	-0.50476	-0.43121	-0.56600	-0.54766	-0.20528	-0.78226
-0.728 - -0.576	-0.65690	-0.59011	-0.71911	-0.72043	-0.43832	-0.99278
-0.880 - -0.728	-0.80173	-0.75591	-0.87355	-0.87661	-0.70002	-1.04326
-1.033 - -0.880	-0.97322	-0.89095	-1.03150	-1.17991	-0.94555	-1.28949
-1.185 - -1.033	-1.11701	-1.03542	-1.18397	-1.26805	-1.12813	-1.28949
-1.337 - -1.185	-1.24032	-1.18802	-1.33720	-1.28578	-1.15607	-1.28949

## Node=Gradient Boosting Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.574 - 1.727	1.65142	1.72667	1.59965	1.72563	1.75390	1.70423
1.422 - 1.574	1.50457	1.56524	1.44756	1.61711	1.72302	1.53572
1.270 - 1.422	1.33184	1.39299	1.27346	1.49835	1.76974	1.37243
1.117 - 1.270	1.20304	1.26474	1.12667	1.30808	1.47303	1.17092
0.965 - 1.117	1.04557	1.11185	0.97771	1.13727	1.31700	1.01455
0.812 - 0.965	0.88299	0.95694	0.81437	0.96143	1.12609	0.84156
0.660 - 0.812	0.73808	0.80275	0.66560	0.82551	0.97910	0.69221
0.508 - 0.660	0.55865	0.65939	0.51092	0.64339	0.82346	0.49777
0.355 - 0.508	0.43266	0.50153	0.36224	0.48813	0.75303	0.17516
0.203 - 0.355	0.27001	0.32770	0.20976	0.29544	0.40910	0.17608
0.050 - 0.203	0.11672	0.19809	0.05241	0.13181	0.32884	0.02169
-0.102 - 0.050	-0.00838	0.04933	-0.08445	-0.01088	0.11328	-0.17275
-0.254 - -0.102	-0.17524	-0.10270	-0.24584	-0.19444	-0.05541	-0.43832
-0.407 - -0.254	-0.32281	-0.26875	-0.39216	-0.34489	-0.14766	-0.61896
-0.559 - -0.407	-0.49516	-0.40787	-0.55613	-0.54058	-0.39395	-0.78226
-0.712 - -0.559	-0.61643	-0.58004	-0.68702	-0.65266	-0.43944	-0.81979
-0.864 - -0.712	-0.78698	-0.71942	-0.84341	-0.83111	-0.64719	-1.00362
-1.016 - -0.864	-0.93941	-0.86897	-1.00963	-1.10288	-0.85936	-1.28949
-1.169 - -1.016	-1.10952	-1.01868	-1.16796	-1.27791	-1.12813	-1.28949
-1.321 - -1.169	-1.22672	-1.17215	-1.32111	-1.28643	-1.15607	-1.28949

## Node=Gradient Boosting Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.470 - 1.617	1.54425	1.61694	1.47632	1.66645	1.76974	1.55847
1.323 - 1.470	1.38168	1.43153	1.32948	1.46521	1.54020	1.38199
1.176 - 1.323	1.25426	1.30721	1.17735	1.33809	1.47303	1.25123
1.029 - 1.176	1.09766	1.17390	1.03154	1.18580	1.37243	1.01455
0.882 - 1.029	0.96660	1.02843	0.88616	1.03830	1.28019	0.88044
0.735 - 0.882	0.80165	0.87905	0.74931	0.89611	0.98308	0.80658
0.588 - 0.735	0.64276	0.72149	0.59293	0.71714	0.97910	0.53499
0.441 - 0.588	0.51437	0.58040	0.46011	0.57907	0.74853	0.45800
0.293 - 0.441	0.38170	0.43626	0.31471	0.41477	0.55302	0.30195
0.146 - 0.293	0.23612	0.28450	0.18315	0.25361	0.40999	0.11781
-0.001 - 0.146	0.06602	0.13032	0.00152	0.05354	0.27536	-0.06281
-0.148 - -0.001	-0.07504	-0.00242	-0.13922	-0.07039	0.11328	-0.20528
-0.295 - -0.148	-0.20276	-0.14800	-0.27908	-0.19205	-0.02880	-0.34438
-0.442 - -0.295	-0.38085	-0.31329	-0.43578	-0.37979	-0.23932	-0.61896
-0.589 - -0.442	-0.53092	-0.45104	-0.58699	-0.59861	-0.43944	-0.72443
-0.736 - -0.589	-0.66468	-0.60810	-0.72296	-0.75398	-0.61896	-0.94555
-0.883 - -0.736	-0.78808	-0.73589	-0.86000	-0.86248	-0.78226	-1.15607
-1.030 - -0.883	-0.96467	-0.89247	-1.02391	-1.09050	-0.99278	-1.28949
-1.177 - -1.030	-1.11991	-1.04894	-1.17695	-1.27121	-1.09749	-1.28949
-1.324 - -1.177	-1.23566	-1.17850	-1.32409	-1.28638	-1.15607	-1.28949

### Node=Gradient Boosting Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.420 - 1.564	1.48956	1.56440	1.42075	1.63231	1.76974	1.53572
1.276 - 1.420	1.33915	1.39819	1.28417	1.45193	1.66657	1.27801
1.133 - 1.276	1.19281	1.27099	1.13581	1.32209	1.50263	1.17092
0.989 - 1.133	1.05290	1.12638	0.99723	1.14024	1.30574	0.94388
0.845 - 0.989	0.92208	0.97596	0.84547	0.99684	1.16447	0.84963
0.701 - 0.845	0.78037	0.84225	0.71323	0.88176	1.04222	0.69707
0.557 - 0.701	0.63050	0.68384	0.56584	0.71075	0.84963	0.54821
0.413 - 0.557	0.48455	0.54755	0.41544	0.55936	0.65741	0.45800
0.269 - 0.413	0.34690	0.38812	0.28222	0.39580	0.60398	0.19467
0.125 - 0.269	0.18261	0.26715	0.12628	0.21407	0.38251	0.04568
-0.019 - 0.125	0.06333	0.11963	-0.00528	0.05768	0.40910	-0.23932
-0.163 - -0.019	-0.08376	-0.02077	-0.15884	-0.08808	0.11328	-0.22210
-0.307 - -0.163	-0.24734	-0.16414	-0.30357	-0.26471	-0.05541	-0.43832
-0.451 - -0.307	-0.39542	-0.32334	-0.44176	-0.45139	-0.29355	-0.61896
-0.595 - -0.451	-0.52044	-0.46338	-0.59372	-0.55091	-0.43832	-0.71227
-0.739 - -0.595	-0.66031	-0.59674	-0.72890	-0.72968	-0.61896	-0.85936
-0.883 - -0.739	-0.83195	-0.74163	-0.86935	-0.92679	-0.67998	-1.28949
-1.027 - -0.883	-0.97936	-0.90925	-1.02357	-1.17840	-1.04326	-1.28949
-1.171 - -1.027	-1.10741	-1.03225	-1.16874	-1.26793	-1.09749	-1.28949
-1.315 - -1.171	-1.22123	-1.17158	-1.31477	-1.28578	-1.15607	-1.28949

### Node=Gradient Boosting Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.519 - 1.679	1.57708	1.67878	1.52412	1.67047	1.71877	1.58841
1.360 - 1.519	1.42175	1.50001	1.37017	1.58931	1.76974	1.44021
1.200 - 1.360	1.27680	1.35729	1.20573	1.37138	1.56738	1.18714
1.041 - 1.200	1.12459	1.19873	1.05528	1.24983	1.41905	0.97127
0.882 - 1.041	0.97200	1.03884	0.88330	1.03555	1.25802	0.84963
0.722 - 0.882	0.80575	0.87676	0.73142	0.81545	1.10033	-1.00362
0.563 - 0.722	0.62829	0.70378	0.56770	0.74302	1.55847	0.47843
0.403 - 0.563	0.47452	0.56244	0.41432	0.44964	0.72559	-1.15386
0.244 - 0.403	0.31337	0.39088	0.25447	0.52479	1.65891	-0.78226
0.084 - 0.244	0.14823	0.23997	0.08993	0.18679	1.10175	-1.28949
-0.075 - 0.084	0.00915	0.06604	-0.04677	-0.08495	1.05422	-1.28949
-0.235 - -0.075	-0.15092	-0.07736	-0.21820	-0.22514	1.54020	-1.28949
-0.394 - -0.235	-0.31516	-0.23575	-0.39216	-0.24081	1.75390	-0.61896
-0.554 - -0.394	-0.47052	-0.39727	-0.55199	-0.42851	1.30384	-0.72443
-0.713 - -0.554	-0.62505	-0.55502	-0.70991	-0.52096	1.24789	-1.28949
-0.872 - -0.713	-0.79284	-0.72940	-0.87159	-0.76641	0.38961	-1.04326
-1.032 - -0.872	-0.97610	-0.87923	-1.03150	-0.92441	1.72302	-1.28949
-1.191 - -1.032	-1.11727	-1.03256	-1.19034	-1.26673	-1.04326	-1.28949
-1.351 - -1.191	-1.24115	-1.19395	-1.32235	-1.28945	-1.28820	-1.28949
-1.510 - -1.351	-1.51023	-1.51023	-1.51023	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	354
2	^(fold_=2)	347
3	^(fold_=3)	333
4	^(fold_=4)	339
5	^(fold_=5)	348
6	^(fold_=6)	341
7	^(fold_=7)	345
8	^(fold_=8)	344

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp11  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp11 => Boost3 => EndGrp11  
 Notes =

### Node=End Groups Properties

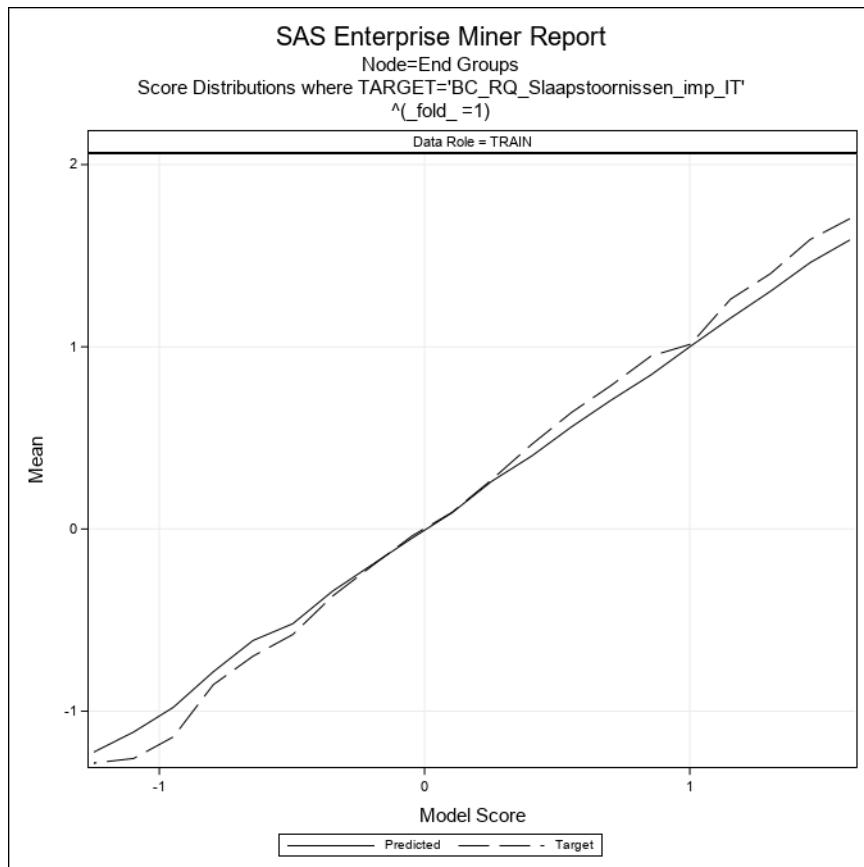
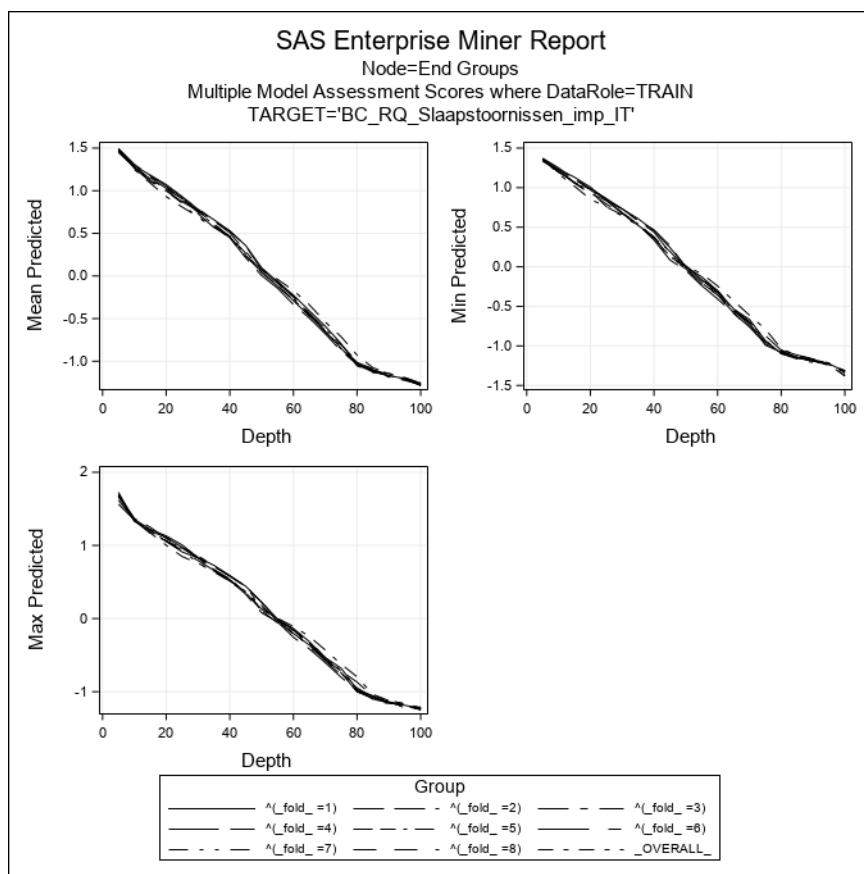
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

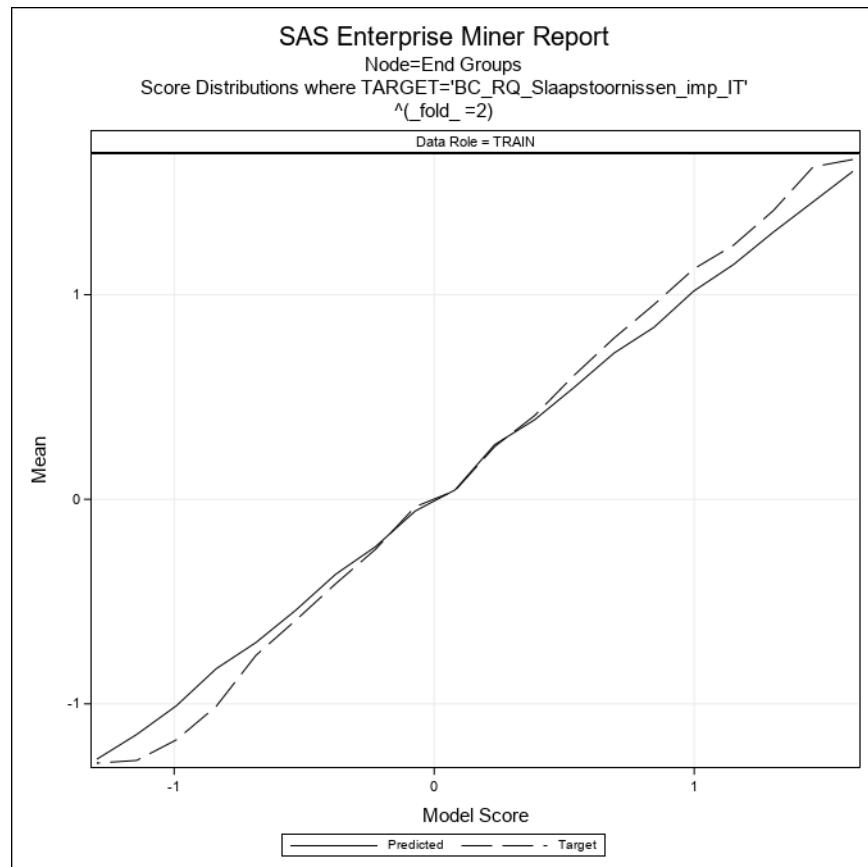
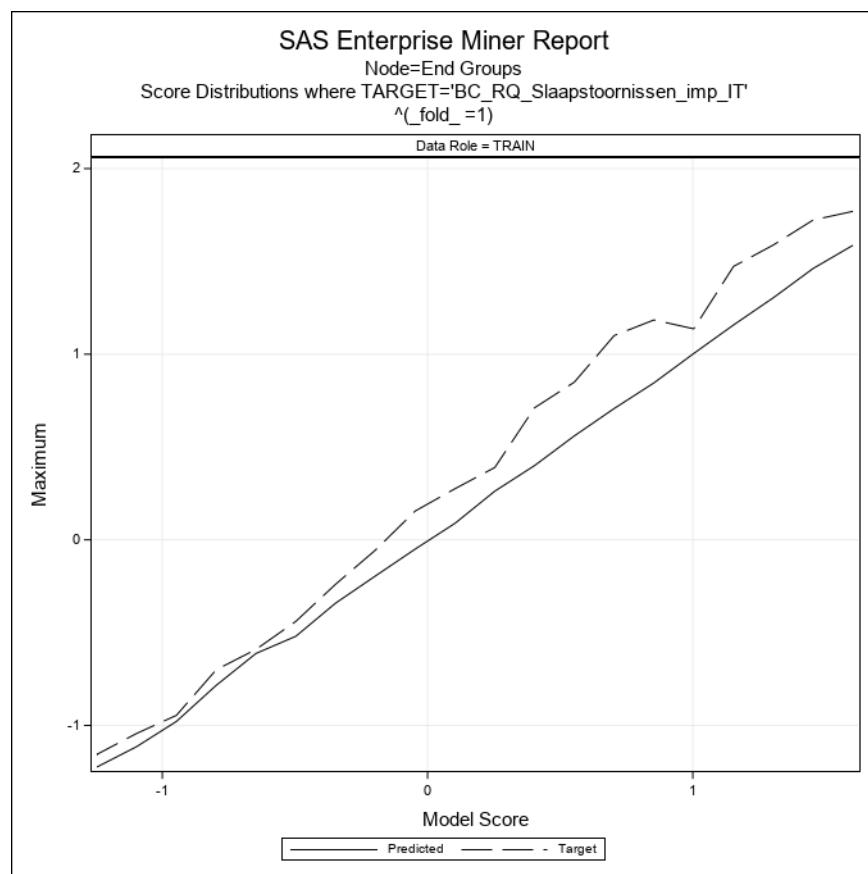
### Node=End Groups Variable Summary

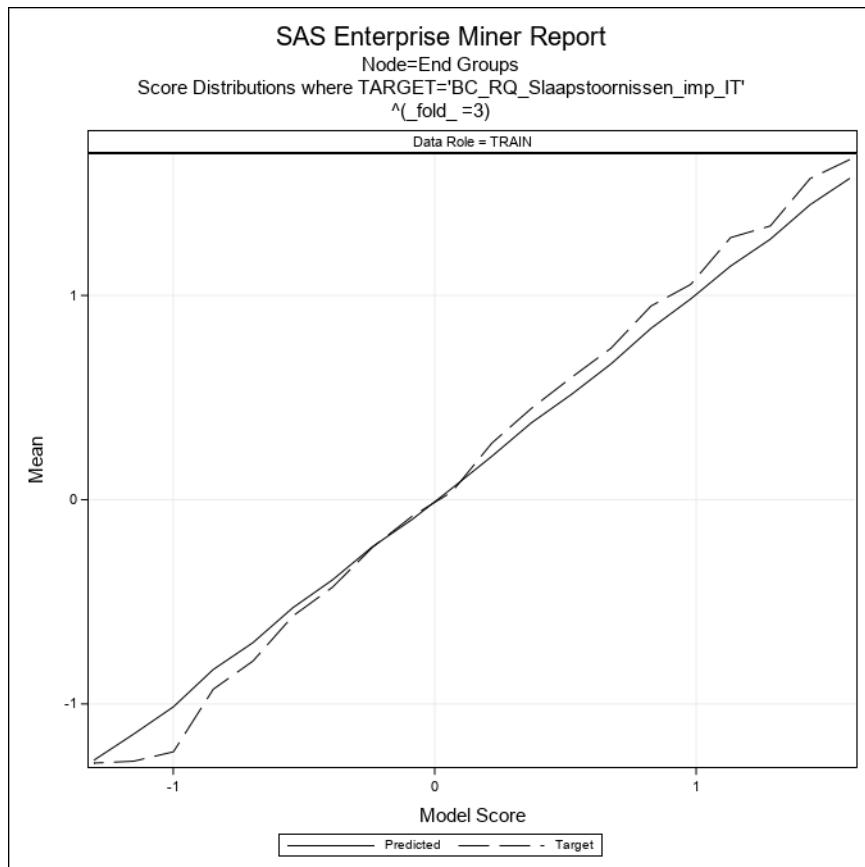
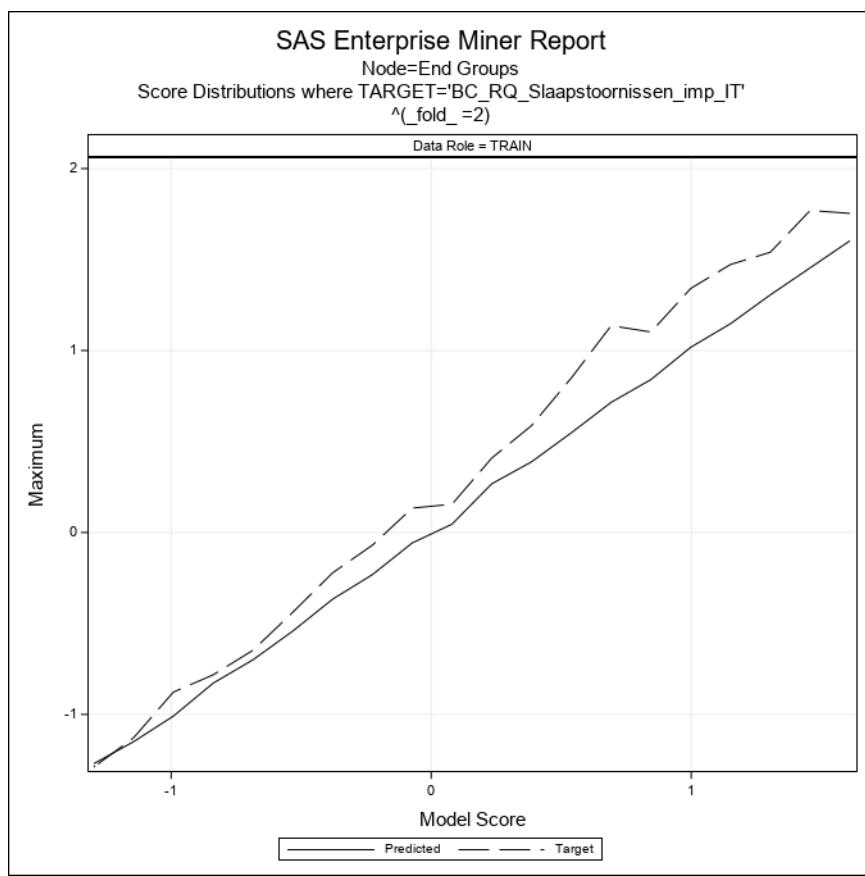
Role	Level	Frequency		Train: Sum of Case Weights	Train: Sum of Times Freq
		Count	Name		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSASTot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr		
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS		

Group Index	Group	ModelId	Train: Target Variable	Train: Frequencies		Train: Sum of Times Freq
				Sum of	Case	
1	^(fold_=1)	Boost3	BC_RQ_Slaapstoornissen_imp_IT	344	344	
2	^(fold_=2)	Boost3	BC_RQ_Slaapstoornissen_imp_IT	347	347	
3	^(fold_=3)	Boost3	BC_RQ_Slaapstoornissen_imp_IT	339	339	
4	^(fold_=4)	Boost3	BC_RQ_Slaapstoornissen_imp_IT	354	354	
5	^(fold_=5)	Boost3	BC_RQ_Slaapstoornissen_imp_IT	340	340	
6	^(fold_=6)	Boost3	BC_RQ_Slaapstoornissen_imp_IT	355	355	
7	^(fold_=7)	Boost3	BC_RQ_Slaapstoornissen_imp_IT	331	331	
8	^(fold_=8)	Boost3	BC_RQ_Slaapstoornissen_imp_IT	333	333	
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	393	.	

Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root Average Squared Error	Train: Root ASE	Divisor for ASE	Degrees of Freedom	Train: Target Label	
							Total	
0.33502	4.6320	0.01346	0.11604	344	344	344	ReQuest (sleep subscale) (Box-Cox transformed)	
0.38177	5.4705	0.01577	0.12556	347	347	347	ReQuest (sleep subscale) (Box-Cox transformed)	
0.36757	5.8572	0.01728	0.13145	339	339	339	ReQuest (sleep subscale) (Box-Cox transformed)	
0.39791	5.5053	0.01555	0.12471	354	354	354	ReQuest (sleep subscale) (Box-Cox transformed)	
0.51246	6.2097	0.01826	0.13514	340	340	340	ReQuest (sleep subscale) (Box-Cox transformed)	
0.38963	5.3170	0.01498	0.12238	355	355	355	ReQuest (sleep subscale) (Box-Cox transformed)	
0.33320	3.9207	0.01185	0.10883	331	331	331	ReQuest (sleep subscale) (Box-Cox transformed)	
0.42071	4.9231	0.01478	0.12159	333	333	333	ReQuest (sleep subscale) (Box-Cox transformed)	
2.73829	55.2786	0.14066	0.37504	393	.	.	ReQuest (sleep subscale) (Box-Cox transformed)	







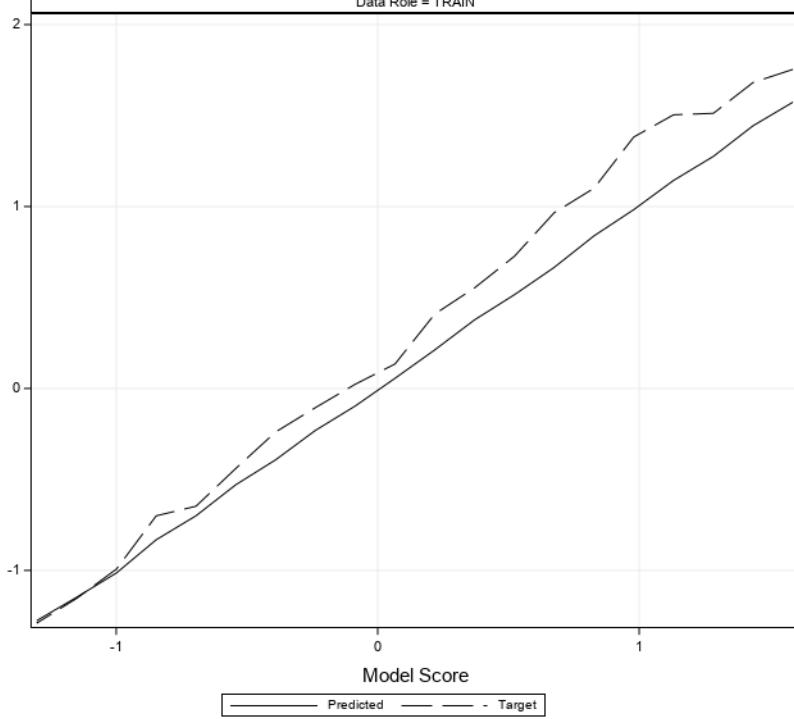
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

Maximum



—— Predicted - - - Target

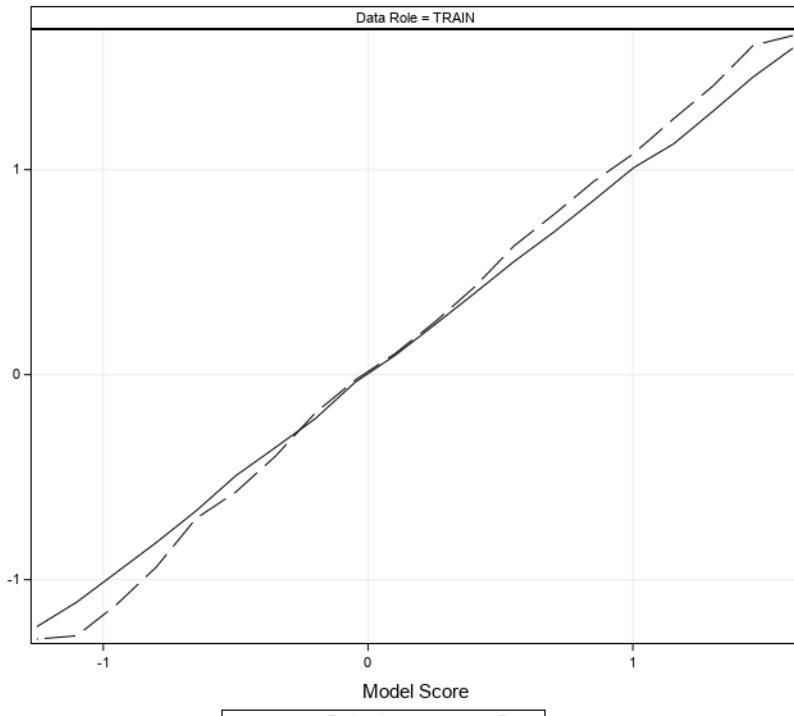
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

Mean



—— Predicted - - - Target

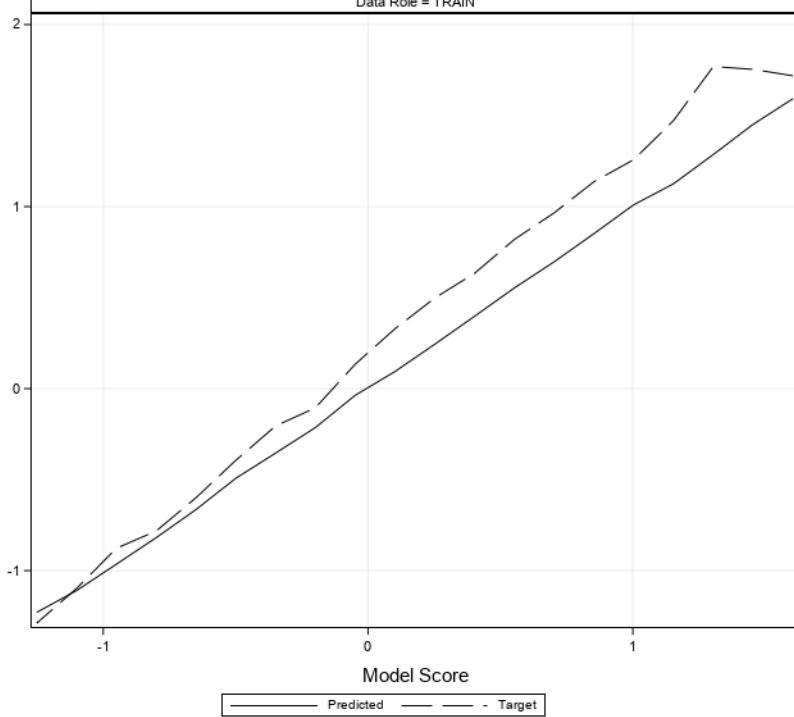
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

Maximum



— Predicted — - Target

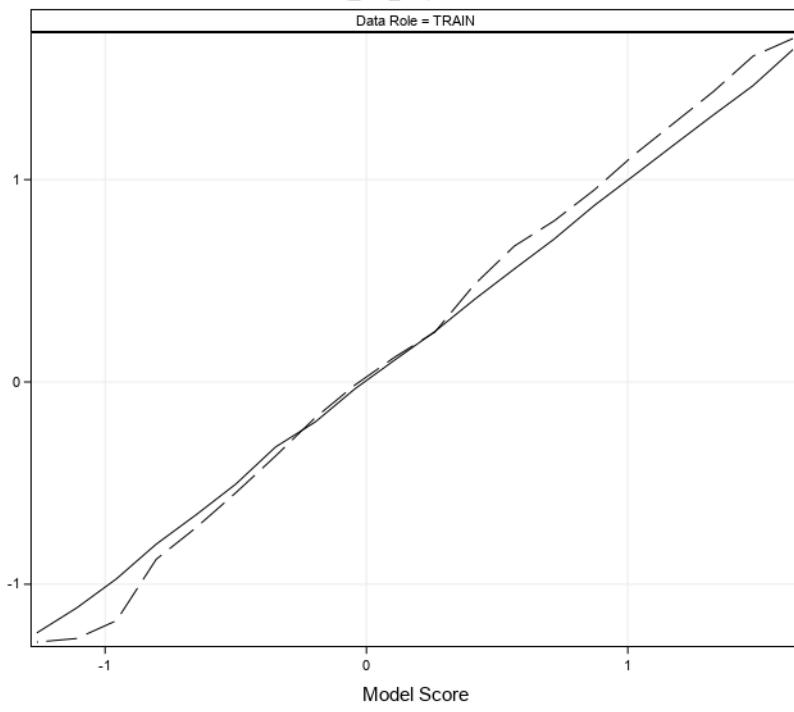
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

Data Role = TRAIN

Mean



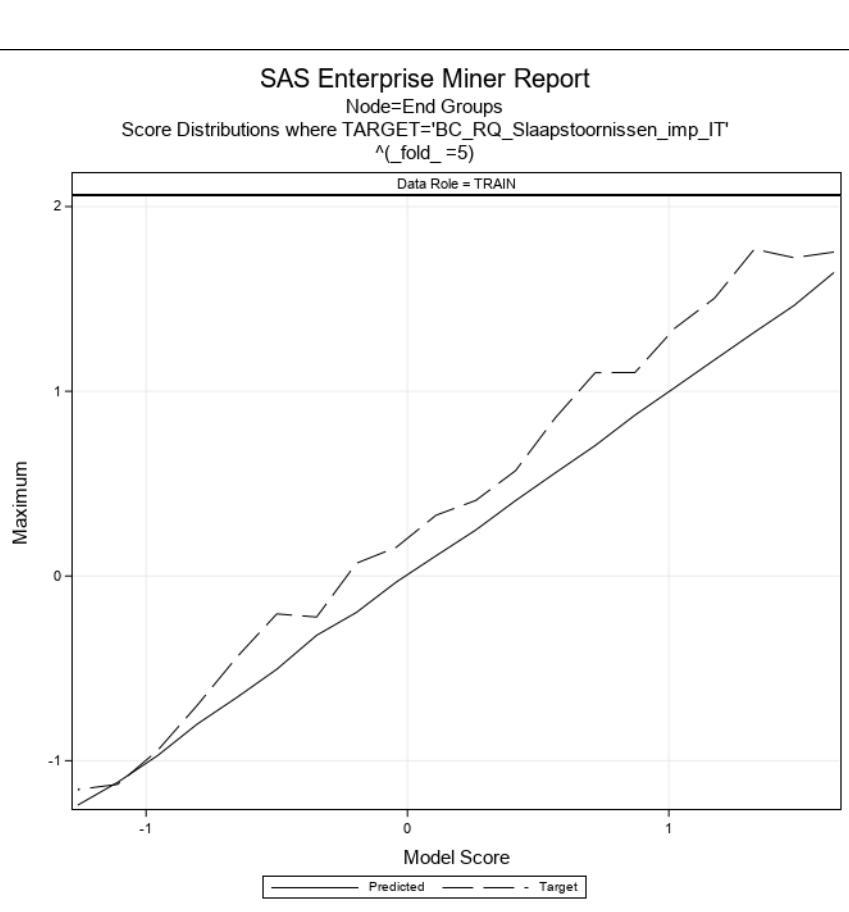
— Predicted — - Target

### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

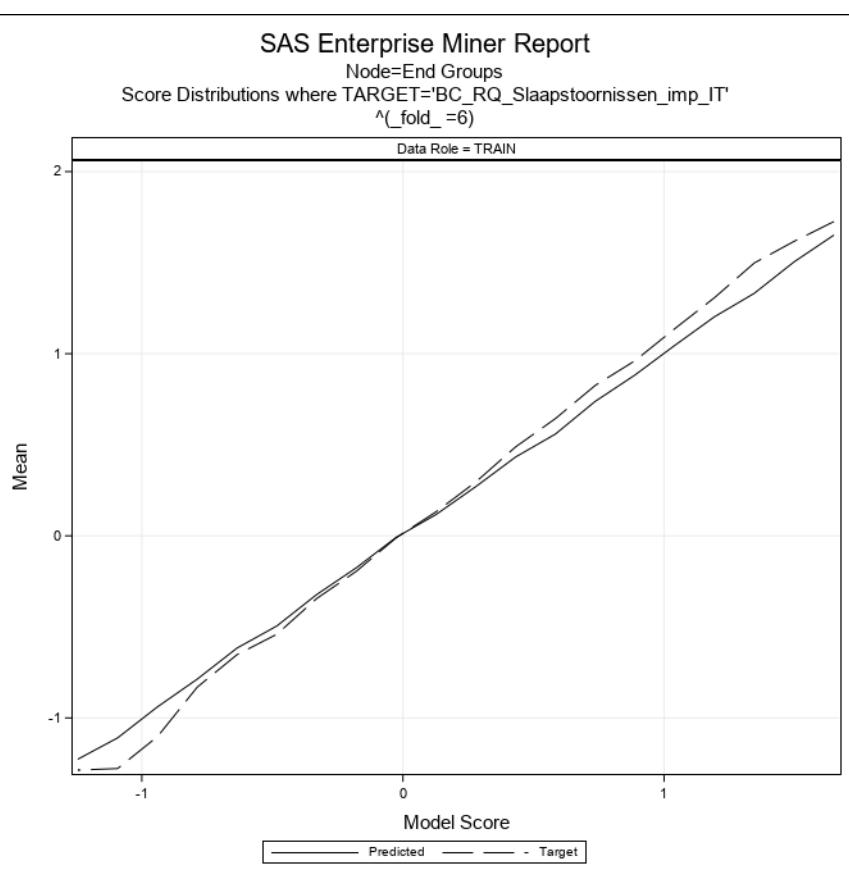


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

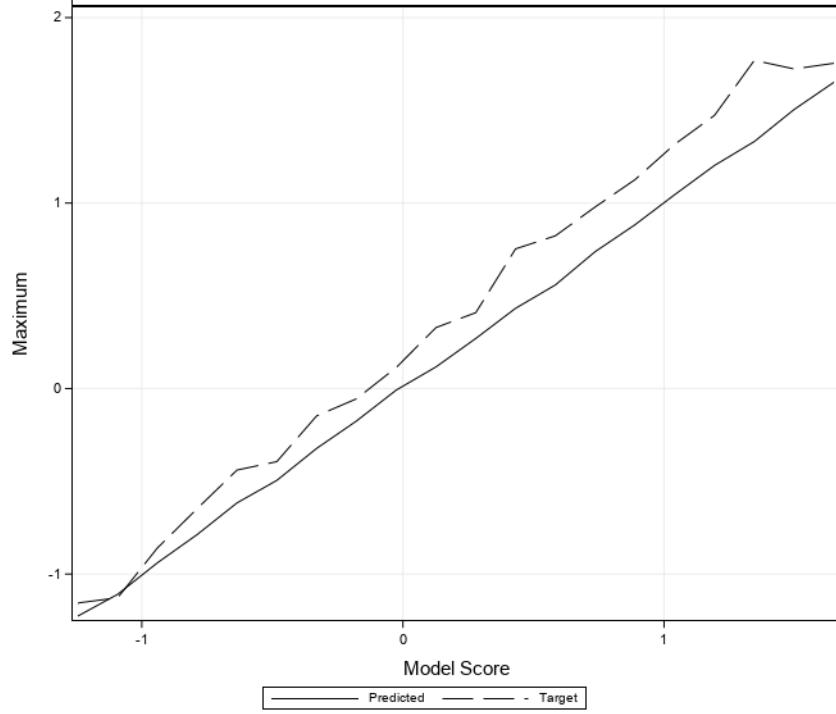


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=6)

Data Role = TRAIN

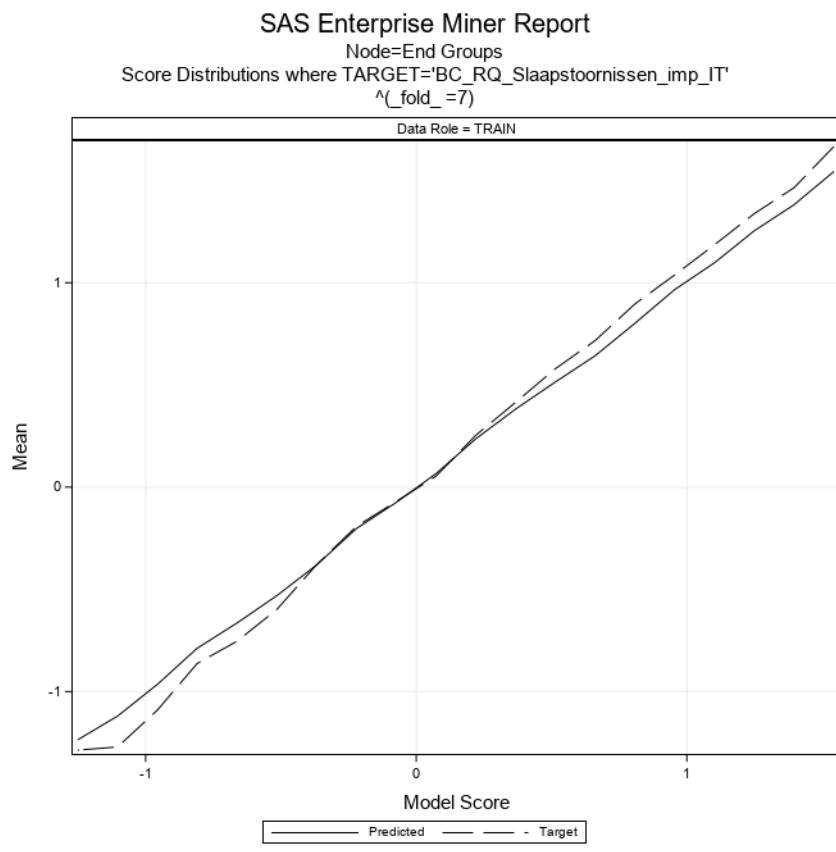


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

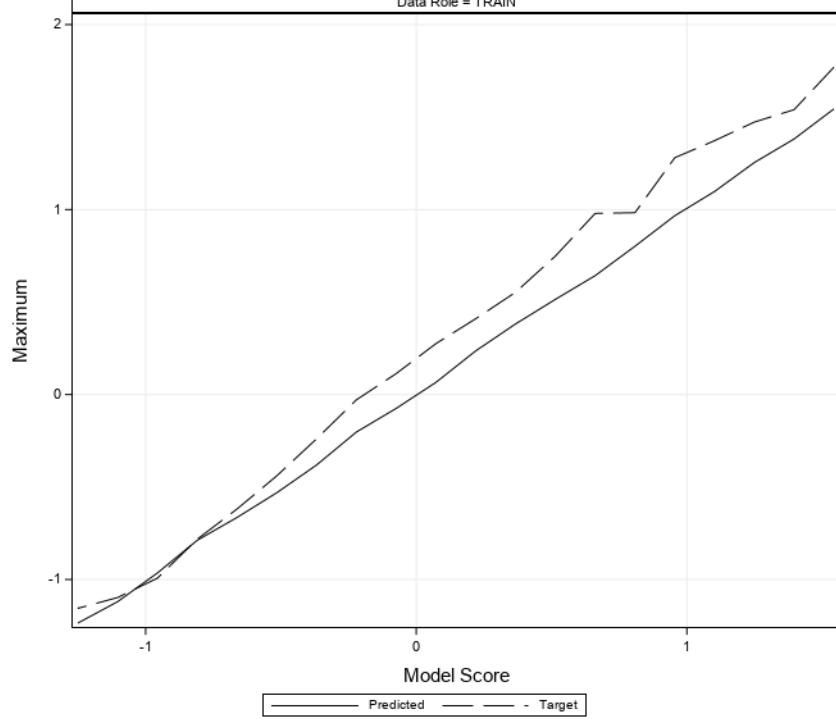


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

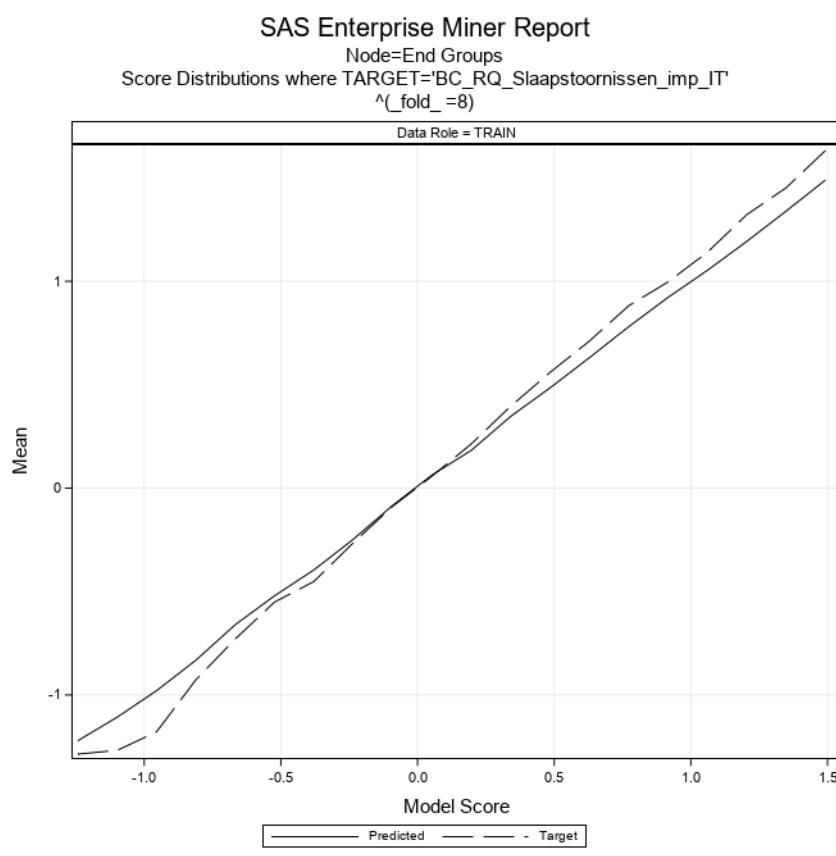


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

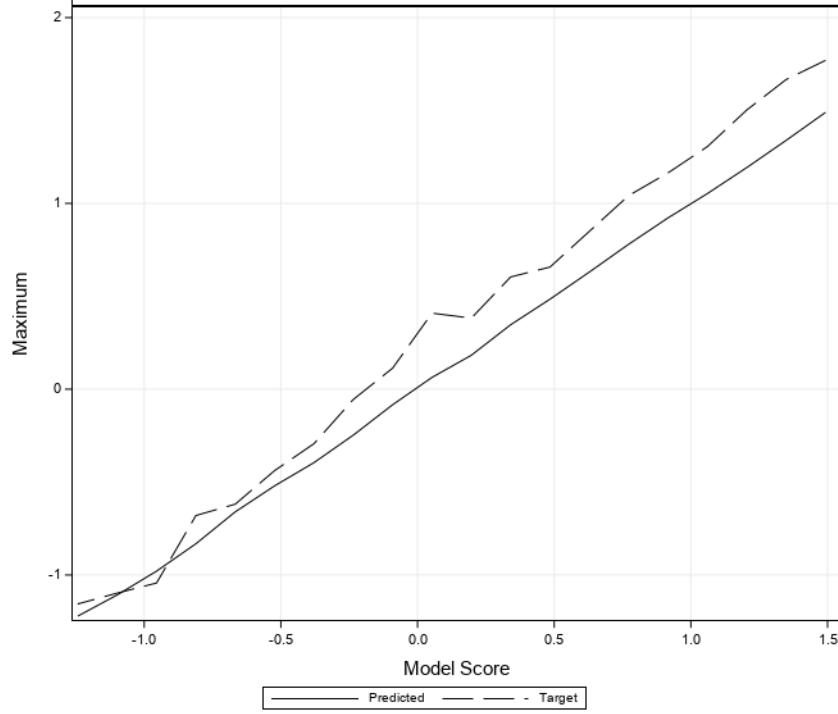


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

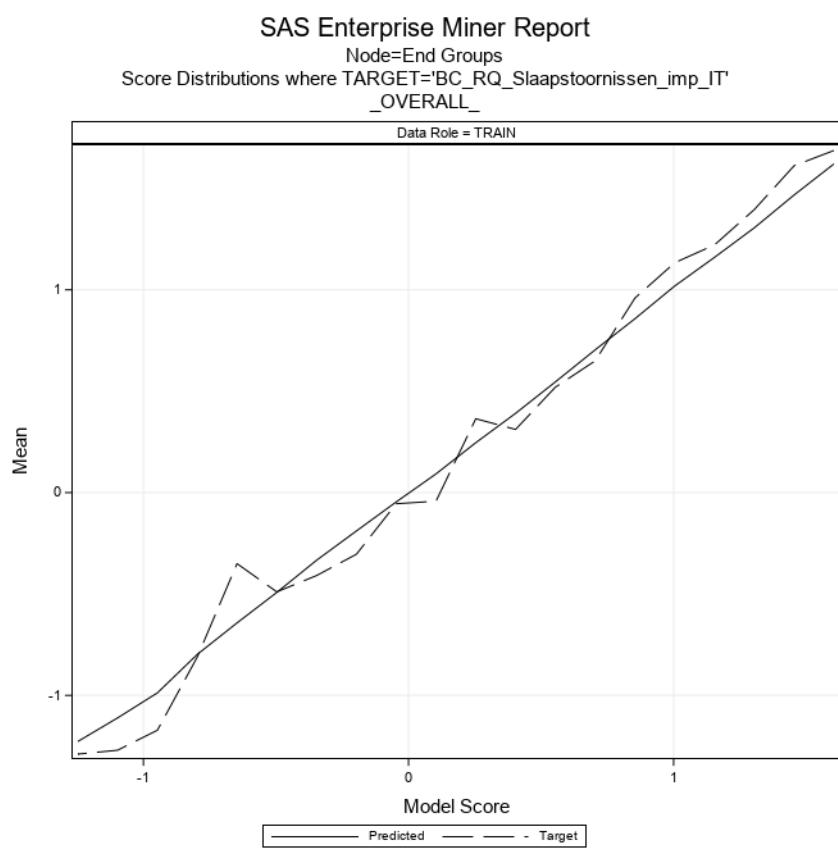


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=End Groups Score Distributions**

Group=<sup>^</sup>(fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.529 - 1.679	1.58673	1.67878	1.53777	1.70350	1.76974	1.65891
1.379 - 1.529	1.46193	1.52833	1.38350	1.58864	1.72302	1.44021
1.229 - 1.379	1.30417	1.37386	1.23253	1.40094	1.58841	1.25123
1.079 - 1.229	1.15760	1.21666	1.07988	1.26132	1.47303	1.07475
0.929 - 1.079	1.00392	1.07367	0.94435	1.01455	1.13678	0.84963
0.779 - 0.929	0.84563	0.92203	0.77923	0.94901	1.18466	0.73270
0.629 - 0.779	0.70738	0.77814	0.62855	0.78807	1.10033	0.53499
0.479 - 0.629	0.56002	0.62551	0.47879	0.63906	0.84963	0.46525
0.328 - 0.479	0.40004	0.47819	0.33047	0.46375	0.71147	0.17516
0.178 - 0.328	0.26207	0.32726	0.18284	0.27089	0.38961	0.11781
0.028 - 0.178	0.08887	0.14165	0.02890	0.09137	0.27536	-0.02880
-0.122 - 0.028	-0.04985	0.01907	-0.11642	-0.03761	0.15511	-0.29355
-0.272 - -0.122	-0.19486	-0.12257	-0.27071	-0.20095	-0.05541	-0.48554
-0.422 - -0.272	-0.34105	-0.27247	-0.40239	-0.36822	-0.23932	-0.45518
-0.572 - -0.422	-0.51974	-0.44122	-0.55909	-0.57921	-0.43944	-0.64884
-0.722 - -0.572	-0.61206	-0.57243	-0.67951	-0.69798	-0.59026	-0.81979
-0.872 - -0.722	-0.78394	-0.73135	-0.86679	-0.85500	-0.70002	-1.00362
-1.022 - -0.872	-0.97836	-0.92929	-1.01221	-1.14077	-0.94555	-1.28949
-1.172 - -1.022	-1.11423	-1.03635	-1.16811	-1.25952	-1.04326	-1.28949
-1.322 - -1.172	-1.22436	-1.17215	-1.32190	-1.28476	-1.15607	-1.28949

### **Node=End Groups Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.534 - 1.687	1.60325	1.68683	1.53685	1.66122	1.75390	1.55847
1.381 - 1.534	1.45444	1.51734	1.40655	1.62510	1.76974	1.44567
1.228 - 1.381	1.30606	1.37477	1.23641	1.41134	1.54020	1.27739
1.075 - 1.228	1.14770	1.22582	1.08519	1.24235	1.47303	1.00501
0.922 - 1.075	1.01806	1.07443	0.92992	1.12597	1.34127	0.94388
0.769 - 0.922	0.84064	0.91849	0.77664	0.95167	1.10175	0.76638
0.616 - 0.769	0.71527	0.76293	0.64014	0.78861	1.13678	0.63431
0.463 - 0.616	0.54808	0.61100	0.46729	0.60738	0.84963	0.46525
0.310 - 0.463	0.38852	0.44204	0.32234	0.40904	0.58749	0.30195
0.157 - 0.310	0.26752	0.30843	0.17321	0.25801	0.40910	0.11781
0.003 - 0.157	0.04568	0.14175	0.00538	0.04241	0.15511	-0.06281
-0.150 - 0.003	-0.05757	-0.00537	-0.13891	-0.03650	0.13394	-0.17275
-0.303 - -0.150	-0.23181	-0.15030	-0.29418	-0.24497	-0.06966	-0.43832
-0.456 - -0.303	-0.36662	-0.30532	-0.44575	-0.41303	-0.22210	-0.61896
-0.609 - -0.456	-0.54193	-0.45838	-0.60865	-0.59113	-0.43832	-0.78226
-0.762 - -0.609	-0.69984	-0.62836	-0.75819	-0.76252	-0.64719	-1.00362
-0.915 - -0.762	-0.82808	-0.76202	-0.90772	-1.01190	-0.78226	-1.28949
-1.068 - -0.915	-1.00906	-0.92122	-1.06493	-1.17566	-0.87727	-1.28949
-1.221 - -1.068	-1.14993	-1.06833	-1.21086	-1.27658	-1.12813	-1.28949
-1.374 - -1.221	-1.27051	-1.22812	-1.37383	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.512 - 1.664	1.57366	1.66413	1.51568	1.66561	1.75390	1.55847
1.360 - 1.512	1.44423	1.51157	1.37519	1.57240	1.68187	1.44021
1.208 - 1.360	1.27545	1.35729	1.21109	1.34016	1.51224	1.17092
1.055 - 1.208	1.14353	1.20156	1.08728	1.28301	1.50424	1.05422
0.903 - 1.055	0.98300	1.05030	0.90318	1.05411	1.38199	0.83372
0.751 - 0.903	0.83857	0.89744	0.75352	0.94793	1.10033	0.76638
0.599 - 0.751	0.66534	0.74993	0.60384	0.74224	0.96579	0.53499
0.447 - 0.599	0.51512	0.58357	0.45479	0.59806	0.72629	0.46525
0.294 - 0.447	0.37715	0.43853	0.30534	0.44768	0.55302	0.32620
0.142 - 0.294	0.21213	0.26702	0.15291	0.27652	0.40910	0.17516
-0.010 - 0.142	0.05592	0.12415	-0.00901	0.03847	0.13449	-0.23932
-0.162 - -0.010	-0.09651	-0.01884	-0.16137	-0.08072	0.02313	-0.23932
-0.314 - -0.162	-0.23053	-0.16527	-0.29978	-0.23354	-0.10535	-0.39395
-0.467 - -0.314	-0.39218	-0.33448	-0.45556	-0.42818	-0.23932	-0.59944
-0.619 - -0.467	-0.52912	-0.48147	-0.61562	-0.56979	-0.43944	-0.72443
-0.771 - -0.619	-0.69964	-0.62329	-0.76576	-0.78979	-0.64719	-1.00362
-0.923 - -0.771	-0.83150	-0.78848	-0.89720	-0.92818	-0.70002	-1.21974
-1.075 - -0.923	-1.01403	-0.93376	-1.07401	-1.23432	-0.99278	-1.28949
-1.228 - -1.075	-1.14762	-1.07899	-1.22578	-1.28034	-1.15386	-1.28949
-1.380 - -1.228	-1.27562	-1.22794	-1.37975	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.529 - 1.680	1.59293	1.67976	1.54636	1.65441	1.71877	1.53572
1.379 - 1.529	1.45202	1.52412	1.38133	1.60554	1.75390	1.41905
1.229 - 1.379	1.28637	1.37183	1.23467	1.40937	1.76974	1.27801
1.079 - 1.229	1.12556	1.21515	1.07936	1.24792	1.47303	1.01455
0.928 - 1.079	1.01004	1.07135	0.93666	1.07897	1.25802	0.93843
0.778 - 0.928	0.85158	0.92599	0.77848	0.94303	1.13678	0.69707
0.628 - 0.778	0.69664	0.77600	0.63643	0.78239	0.96579	0.63431
0.477 - 0.628	0.55320	0.62464	0.48723	0.62957	0.81948	0.47843
0.327 - 0.477	0.39743	0.47515	0.32784	0.42808	0.63374	0.25804
0.177 - 0.327	0.24393	0.31316	0.18782	0.25637	0.49777	0.11781
0.027 - 0.177	0.09386	0.17583	0.02875	0.10264	0.32884	-0.08303
-0.124 - 0.027	-0.03674	0.02336	-0.11352	-0.02607	0.13394	-0.20528
-0.274 - -0.124	-0.21391	-0.15065	-0.27214	-0.18589	-0.10535	-0.29355
-0.424 - -0.274	-0.35428	-0.28487	-0.41462	-0.39689	-0.20528	-0.60076
-0.575 - -0.424	-0.49264	-0.42677	-0.55502	-0.57218	-0.39395	-0.78226
-0.725 - -0.575	-0.66438	-0.58716	-0.71661	-0.70153	-0.59944	-0.81979
-0.875 - -0.725	-0.81878	-0.72662	-0.86884	-0.93833	-0.78226	-1.15607
-1.025 - -0.875	-0.96450	-0.88235	-1.02275	-1.12175	-0.87727	-1.28949
-1.176 - -1.025	-1.10958	-1.04067	-1.17373	-1.27348	-1.09749	-1.28949
-1.326 - -1.176	-1.22887	-1.17605	-1.32600	-1.28946	-1.28820	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.556 - 1.708	1.64286	1.70791	1.59195	1.69764	1.75390	1.65891
1.403 - 1.556	1.46497	1.51275	1.42763	1.61073	1.72302	1.44021
1.251 - 1.403	1.31961	1.40255	1.25540	1.43494	1.76974	1.25802
1.099 - 1.251	1.17042	1.24380	1.10316	1.27821	1.50424	1.01455
0.947 - 1.099	1.01991	1.09541	0.95140	1.12151	1.34127	0.92080
0.794 - 0.947	0.87100	0.94080	0.79712	0.94778	1.10175	0.70134
0.642 - 0.794	0.70624	0.78285	0.65190	0.79619	1.10033	0.53499
0.490 - 0.642	0.55875	0.62655	0.49325	0.67165	0.85677	0.47843
0.338 - 0.490	0.40819	0.47663	0.33968	0.48227	0.57041	0.30195
0.185 - 0.338	0.24903	0.31984	0.19563	0.24625	0.40910	0.04568
0.033 - 0.185	0.10930	0.17986	0.04925	0.12358	0.32884	-0.11173
-0.119 - 0.033	-0.03312	0.03119	-0.11364	-0.01428	0.15511	-0.17275
-0.271 - -0.119	-0.19737	-0.14057	-0.23931	-0.17574	0.06892	-0.34438
-0.424 - -0.271	-0.32129	-0.27609	-0.40233	-0.36596	-0.22210	-0.59026
-0.576 - -0.424	-0.50476	-0.43121	-0.56600	-0.54766	-0.20528	-0.78226
-0.728 - -0.576	-0.65690	-0.59011	-0.71911	-0.72043	-0.43832	-0.99278
-0.880 - -0.728	-0.80173	-0.75591	-0.87355	-0.87661	-0.70002	-1.04326
-1.033 - -0.880	-0.97322	-0.89095	-1.03150	-1.17991	-0.94555	-1.28949
-1.185 - -1.033	-1.11701	-1.03542	-1.18397	-1.26805	-1.12813	-1.28949
-1.337 - -1.185	-1.24032	-1.18802	-1.33720	-1.28578	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.574 - 1.727	1.65142	1.72667	1.59965	1.72563	1.75390	1.70423
1.422 - 1.574	1.50457	1.56524	1.44756	1.61711	1.72302	1.53572
1.270 - 1.422	1.33184	1.39299	1.27346	1.49835	1.76974	1.37243
1.117 - 1.270	1.20304	1.26474	1.12667	1.30808	1.47303	1.17092
0.965 - 1.117	1.04557	1.11185	0.97771	1.13727	1.31700	1.01455
0.812 - 0.965	0.88299	0.95694	0.81437	0.96143	1.12609	0.84156
0.660 - 0.812	0.73808	0.80275	0.66560	0.82551	0.97910	0.69221
0.508 - 0.660	0.55865	0.65939	0.51092	0.64339	0.82346	0.49777
0.355 - 0.508	0.43266	0.50153	0.36224	0.48813	0.75303	0.17516
0.203 - 0.355	0.27001	0.32770	0.20976	0.29544	0.40910	0.17608
0.050 - 0.203	0.11672	0.19809	0.05241	0.13181	0.32884	0.02169
-0.102 - 0.050	-0.00838	0.04933	-0.08445	-0.01088	0.11328	-0.17275
-0.254 - -0.102	-0.17524	-0.10270	-0.24584	-0.19444	-0.05541	-0.43832
-0.407 - -0.254	-0.32281	-0.26875	-0.39216	-0.34489	-0.14766	-0.61896
-0.559 - -0.407	-0.49516	-0.40787	-0.55613	-0.54058	-0.39395	-0.78226
-0.712 - -0.559	-0.61643	-0.58004	-0.68702	-0.65266	-0.43944	-0.81979
-0.864 - -0.712	-0.78698	-0.71942	-0.84341	-0.83111	-0.64719	-1.00362
-1.016 - -0.864	-0.93941	-0.86897	-1.00963	-1.10288	-0.85936	-1.28949
-1.169 - -1.016	-1.10952	-1.01868	-1.16796	-1.27791	-1.12813	-1.28949
-1.321 - -1.169	-1.22672	-1.17215	-1.32111	-1.28643	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.470 - 1.617	1.54425	1.61694	1.47632	1.66645	1.76974	1.55847
1.323 - 1.470	1.38168	1.43153	1.32948	1.46521	1.54020	1.38199
1.176 - 1.323	1.25426	1.30721	1.17735	1.33809	1.47303	1.25123
1.029 - 1.176	1.09766	1.17390	1.03154	1.18580	1.37243	1.01455
0.882 - 1.029	0.96660	1.02843	0.88616	1.03830	1.28019	0.88044
0.735 - 0.882	0.80165	0.87905	0.74931	0.89611	0.98308	0.80658
0.588 - 0.735	0.64276	0.72149	0.59293	0.71714	0.97910	0.53499
0.441 - 0.588	0.51437	0.58040	0.46011	0.57907	0.74853	0.45800
0.293 - 0.441	0.38170	0.43626	0.31471	0.41477	0.55302	0.30195
0.146 - 0.293	0.23612	0.28450	0.18315	0.25361	0.40999	0.11781
-0.001 - 0.146	0.06602	0.13032	0.00152	0.05354	0.27536	-0.06281
-0.148 - -0.001	-0.07504	-0.00242	-0.13922	-0.07039	0.11328	-0.20528
-0.295 - -0.148	-0.20276	-0.14800	-0.27908	-0.19205	-0.02880	-0.34438
-0.442 - -0.295	-0.38085	-0.31329	-0.43578	-0.37979	-0.23932	-0.61896
-0.589 - -0.442	-0.53092	-0.45104	-0.58699	-0.59861	-0.43944	-0.72443
-0.736 - -0.589	-0.66468	-0.60810	-0.72296	-0.75398	-0.61896	-0.94555
-0.883 - -0.736	-0.78808	-0.73589	-0.86000	-0.86248	-0.78226	-1.15607
-1.030 - -0.883	-0.96467	-0.89247	-1.02391	-1.09050	-0.99278	-1.28949
-1.177 - -1.030	-1.11991	-1.04894	-1.17695	-1.27121	-1.09749	-1.28949
-1.324 - -1.177	-1.23566	-1.17850	-1.32409	-1.28638	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=\_fold\_=8 Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.420 - 1.564	1.48956	1.56440	1.42075	1.63231	1.76974	1.53572
1.276 - 1.420	1.33915	1.39819	1.28417	1.45193	1.66657	1.27801
1.133 - 1.276	1.19281	1.27099	1.13581	1.32209	1.50263	1.17092
0.989 - 1.133	1.05290	1.12638	0.99723	1.14024	1.30574	0.94388
0.845 - 0.989	0.92208	0.97596	0.84547	0.99684	1.16447	0.84963
0.701 - 0.845	0.78037	0.84225	0.71323	0.88176	1.04222	0.69707
0.557 - 0.701	0.63050	0.68384	0.56584	0.71075	0.84963	0.54821
0.413 - 0.557	0.48455	0.54755	0.41544	0.55936	0.65741	0.45800
0.269 - 0.413	0.34690	0.38812	0.28222	0.39580	0.60398	0.19467
0.125 - 0.269	0.18261	0.26715	0.12628	0.21407	0.38251	0.04568
-0.019 - 0.125	0.06333	0.11963	-0.00528	0.05768	0.40910	-0.23932
-0.163 - -0.019	-0.08376	-0.02077	-0.15884	-0.08808	0.11328	-0.22210
-0.307 - -0.163	-0.24734	-0.16414	-0.30357	-0.26471	-0.05541	-0.43832
-0.451 - -0.307	-0.39542	-0.32334	-0.44176	-0.45139	-0.29355	-0.61896
-0.595 - -0.451	-0.52044	-0.46338	-0.59372	-0.55091	-0.43832	-0.71227
-0.739 - -0.595	-0.66031	-0.59674	-0.72890	-0.72968	-0.61896	-0.85936
-0.883 - -0.739	-0.83195	-0.74163	-0.86935	-0.92679	-0.67998	-1.28949
-1.027 - -0.883	-0.97936	-0.90925	-1.02357	-1.17840	-1.04326	-1.28949
-1.171 - -1.027	-1.10741	-1.03225	-1.16874	-1.26793	-1.09749	-1.28949
-1.315 - -1.171	-1.22123	-1.17158	-1.31477	-1.28578	-1.15607	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.530 - 1.680	1.62079	1.67976	1.56423	1.68714	1.71877	1.65900
1.380 - 1.530	1.46782	1.51734	1.39564	1.61196	1.76974	1.48303
1.229 - 1.380	1.30592	1.37386	1.23253	1.39591	1.54020	1.26982
1.079 - 1.229	1.16029	1.22030	1.08628	1.22168	1.40996	0.53499
0.929 - 1.079	1.01894	1.07923	0.95140	1.13370	1.34127	1.00501
0.779 - 0.929	0.85748	0.92281	0.79484	0.95937	1.12609	0.73270
0.629 - 0.779	0.70410	0.77848	0.63933	0.64955	1.50263	-1.28949
0.479 - 0.629	0.54594	0.62464	0.48966	0.51991	1.55847	-1.28949
0.329 - 0.479	0.39085	0.46740	0.33792	0.31153	0.76638	-0.78226
0.179 - 0.329	0.24608	0.31863	0.17998	0.36429	1.44567	-0.39395
0.029 - 0.179	0.09216	0.17105	0.03206	-0.04241	1.41905	-1.28949
-0.122 - 0.029	-0.04610	0.02631	-0.11747	-0.05491	1.34442	-1.28949
-0.272 - -0.122	-0.18922	-0.13891	-0.24556	-0.30400	0.06892	-1.28949
-0.422 - -0.272	-0.33353	-0.27247	-0.41854	-0.40903	-0.14766	-1.28949
-0.572 - -0.422	-0.49224	-0.42502	-0.56059	-0.48954	0.04648	-0.62105
-0.722 - -0.572	-0.64267	-0.57859	-0.72008	-0.35033	1.41520	-1.28949
-0.872 - -0.722	-0.79822	-0.73968	-0.87159	-0.81132	0.32884	-1.04326
-1.022 - -0.872	-0.98757	-0.88814	-1.02144	-1.17162	-0.99278	-1.28949
-1.172 - -1.022	-1.11092	-1.03514	-1.17215	-1.27047	-1.09749	-1.28949
-1.322 - -1.172	-1.22736	-1.17401	-1.32248	-1.28949	-1.28949	-1.28949

## Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	354
2	^(fold_=2)	347
3	^(fold_=3)	333
4	^(fold_=4)	339
5	^(fold_=5)	348
6	^(fold_=6)	341
7	^(fold_=7)	345
8	^(fold_=8)	344

## SAS Enterprise Miner Report

### Node=HP Neural one layer Summary

Node id = HPNNA3  
 Node label = HP Neural one layer  
 Meta path = Ids => Trans => Grp6 => 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	

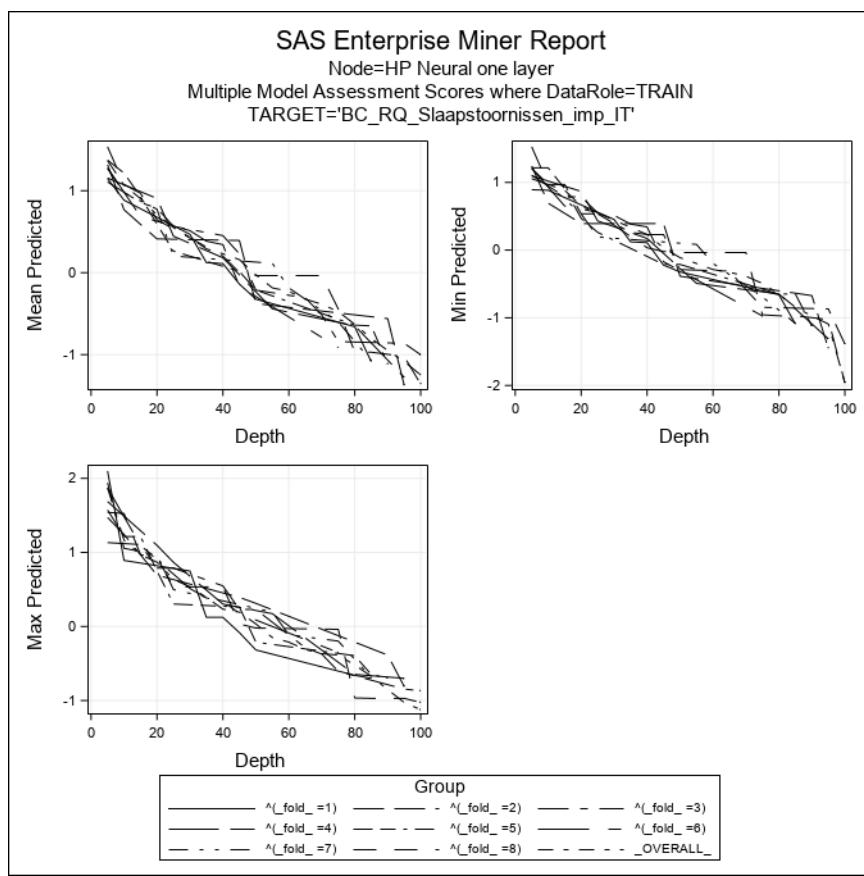
### Node=HP Neural one layer Variable Summary

Role	Level	Frequency	
		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 one layer Created Variables Summary

Role	Level	Frequency	
		Count	Name
RESIDUAL	INTERVAL	1	R_BC_RQ_Slaapstoornissen_imp_IT
PREDICT	INTERVAL	1	P_BC_RQ_Slaapstoornissen_imp_IT
INPUT	INTERVAL	1	_XVAL_
ASSESS	NOMINAL	1	_WARN_

Group Index	Group	Train: Target Variable	Train:	Train:	Train:	Train:	Train:	Train:
			Average Squared Error	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Squared Errors
1	^(fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	0.43955	330	2.17375	330	0.66298	145.051
2	^(fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	0.48669	347	1.95373	347	0.69763	168.881
3	^(fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	0.47666	344	2.28812	344	0.69041	163.972
4	^(fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	0.42853	342	1.76173	342	0.65463	146.559
5	^(fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	0.47785	335	2.59647	335	0.69127	160.081
6	^(fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	0.46022	344	1.94150	344	0.67839	158.314
7	^(fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	0.51293	348	1.95140	348	0.71619	178.501
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	0.41851	362	2.07049	362	0.64692	151.501
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	0.54621	393	2.38529	393	0.73906	214.659

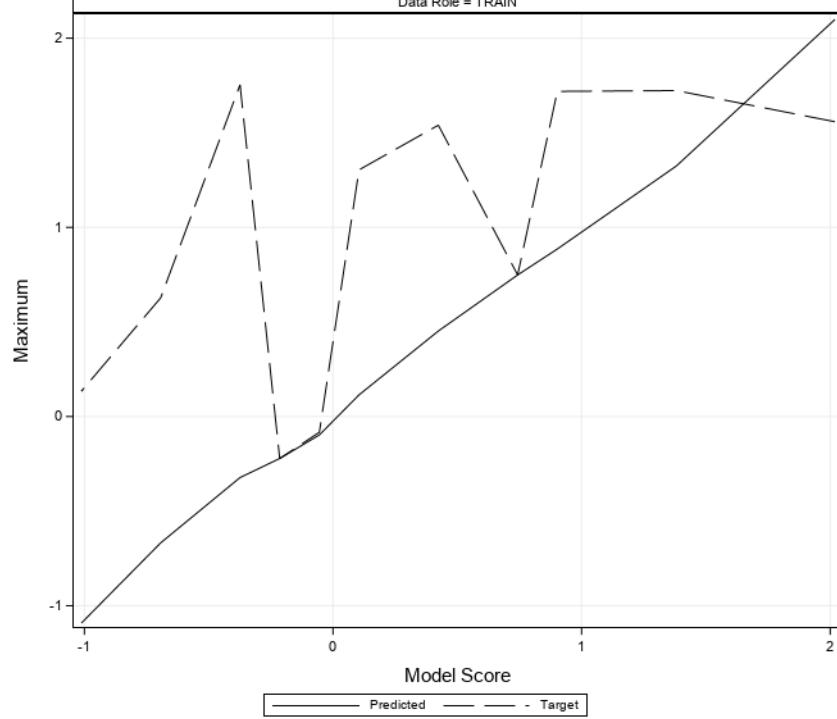


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

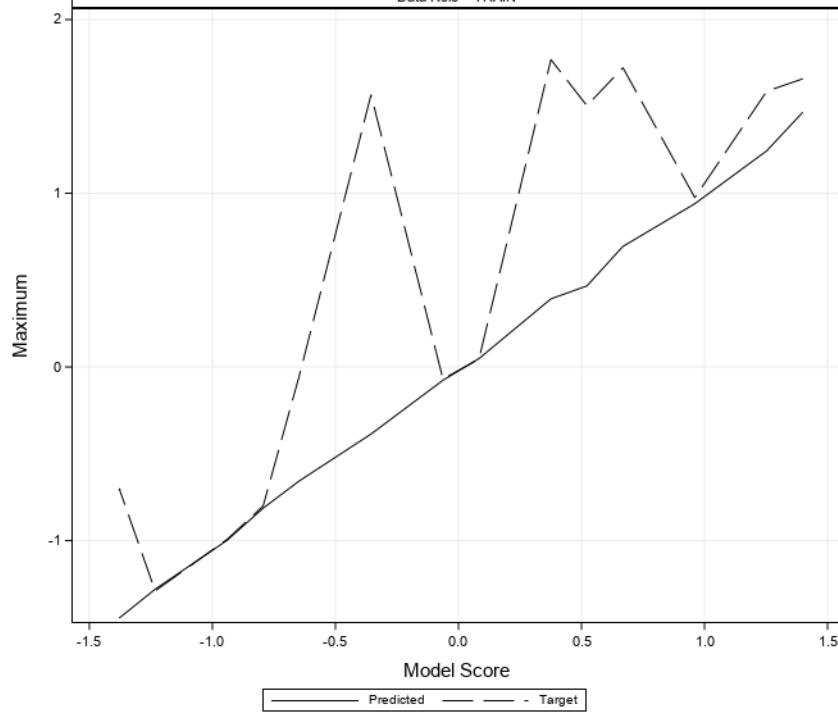


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

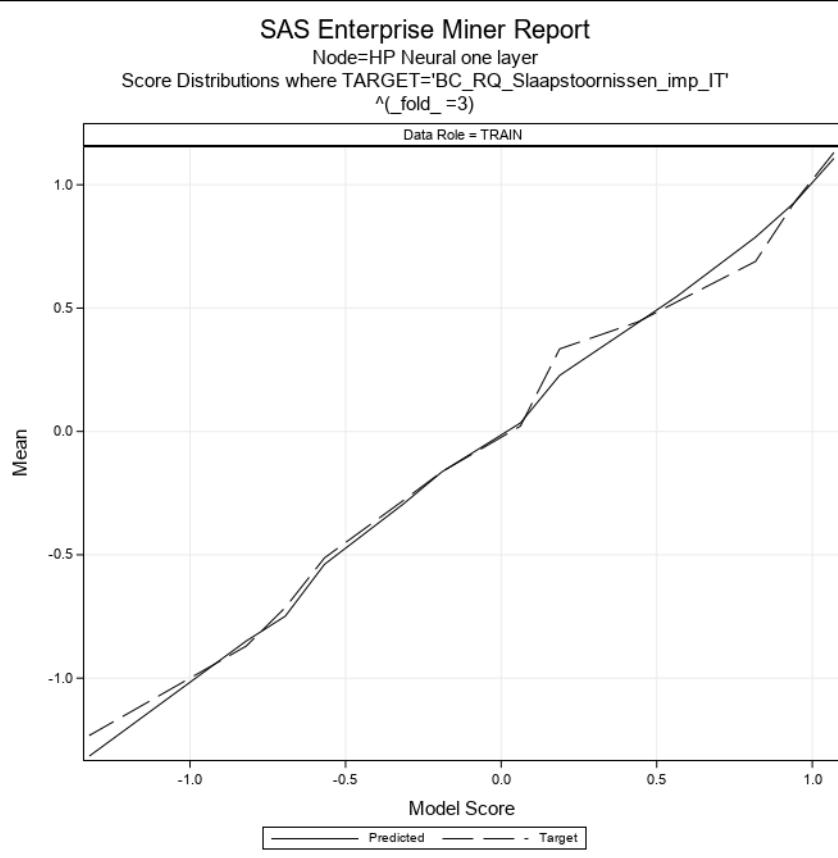


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

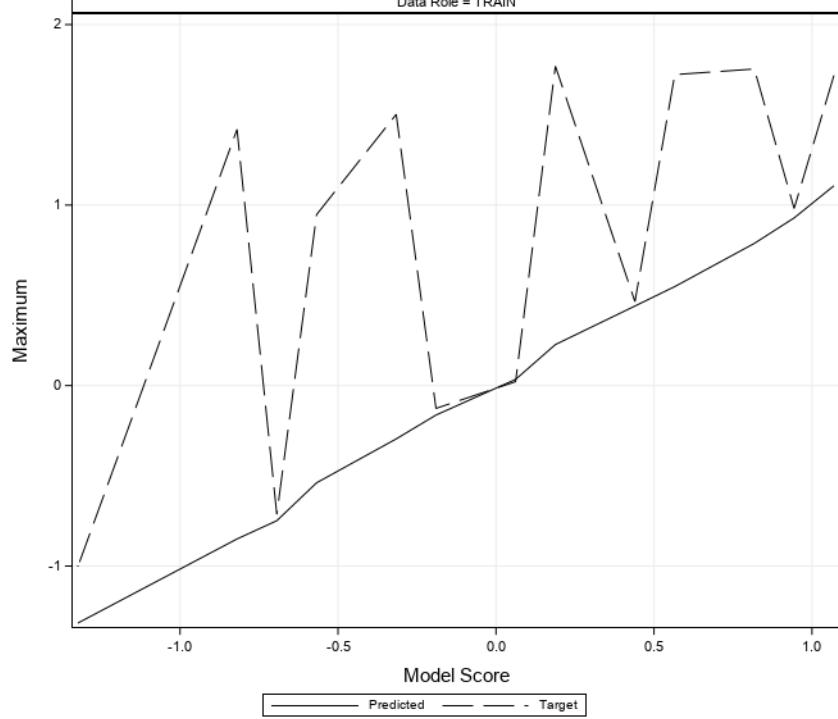


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

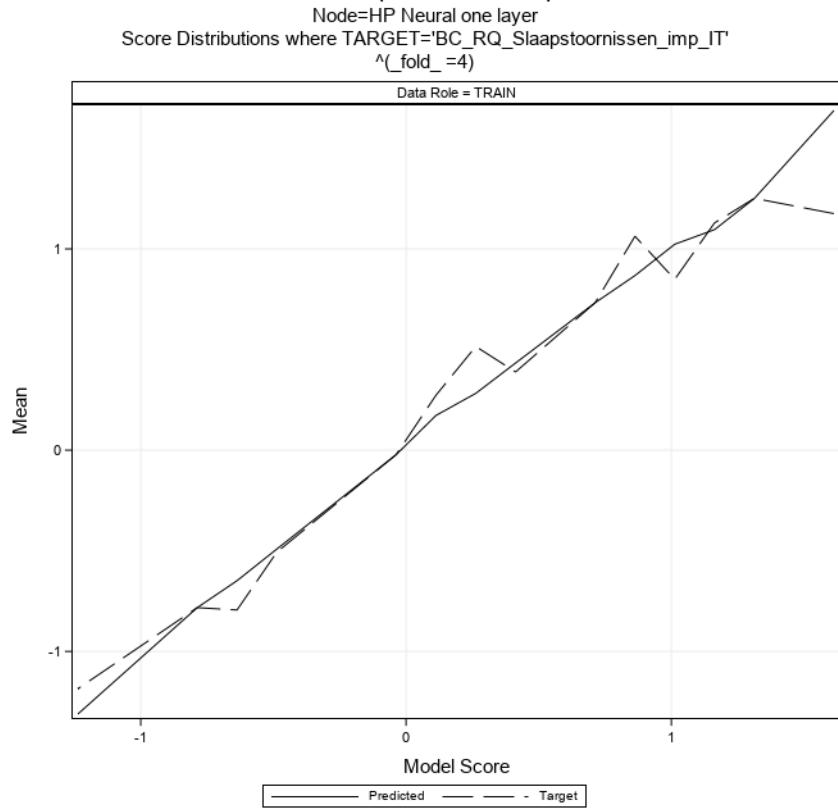


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

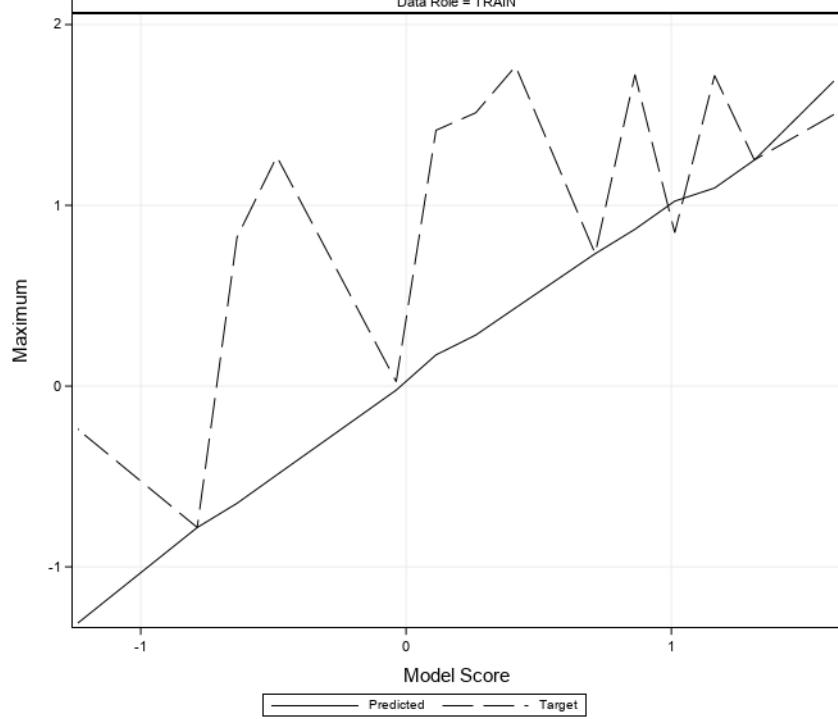


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

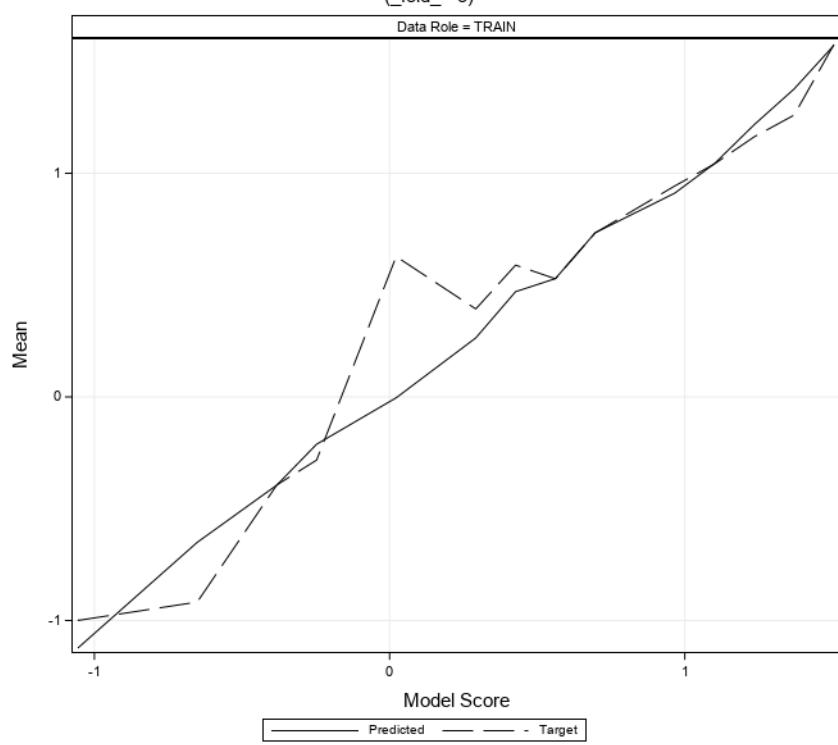


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

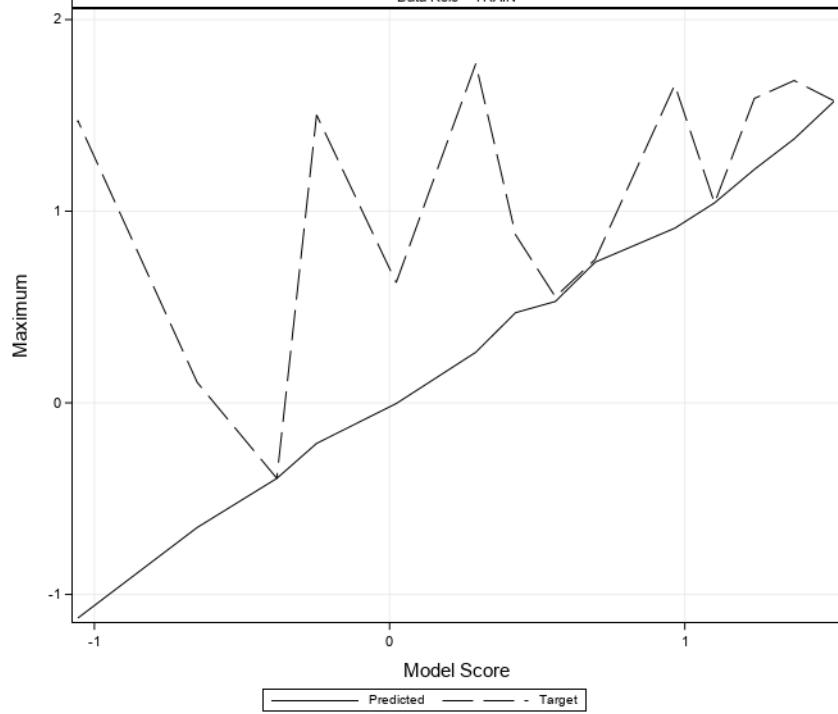


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

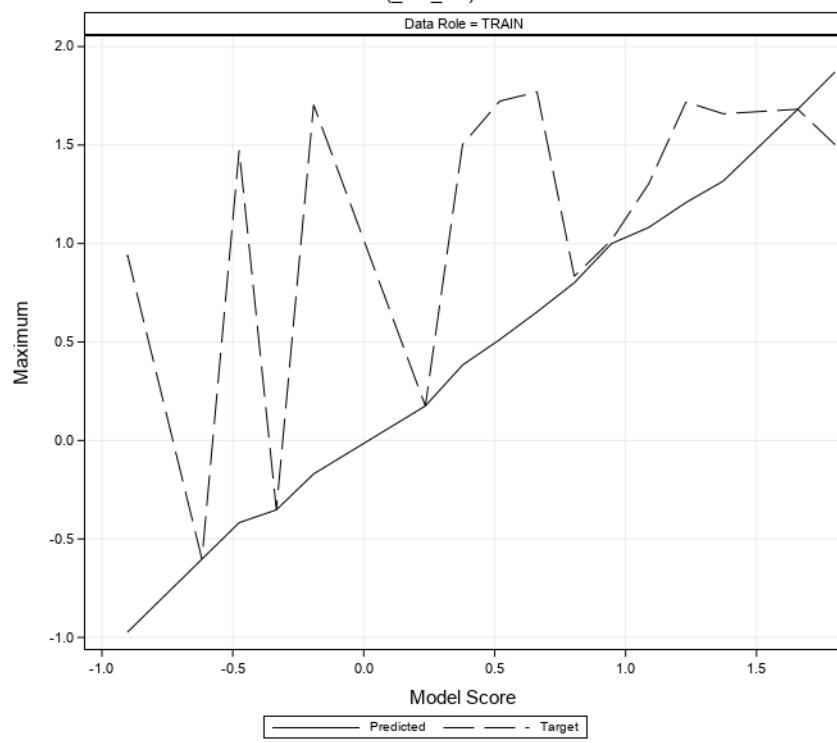


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

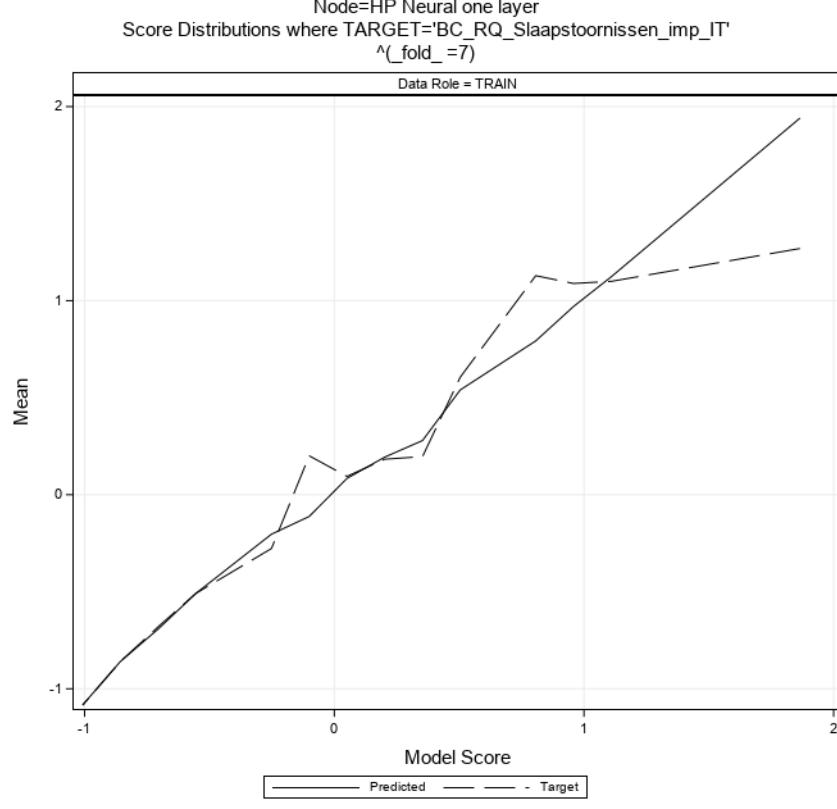


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

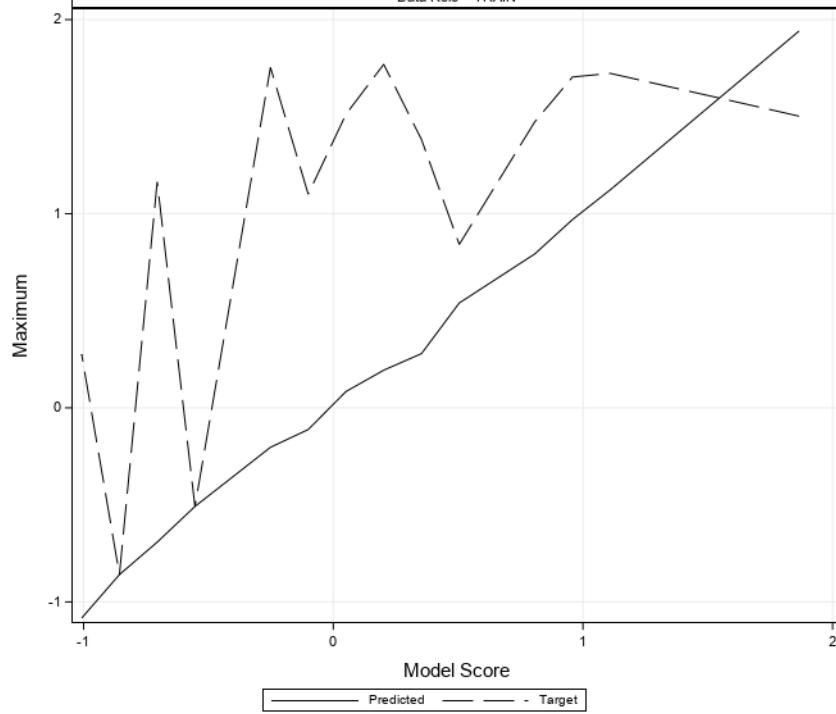


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

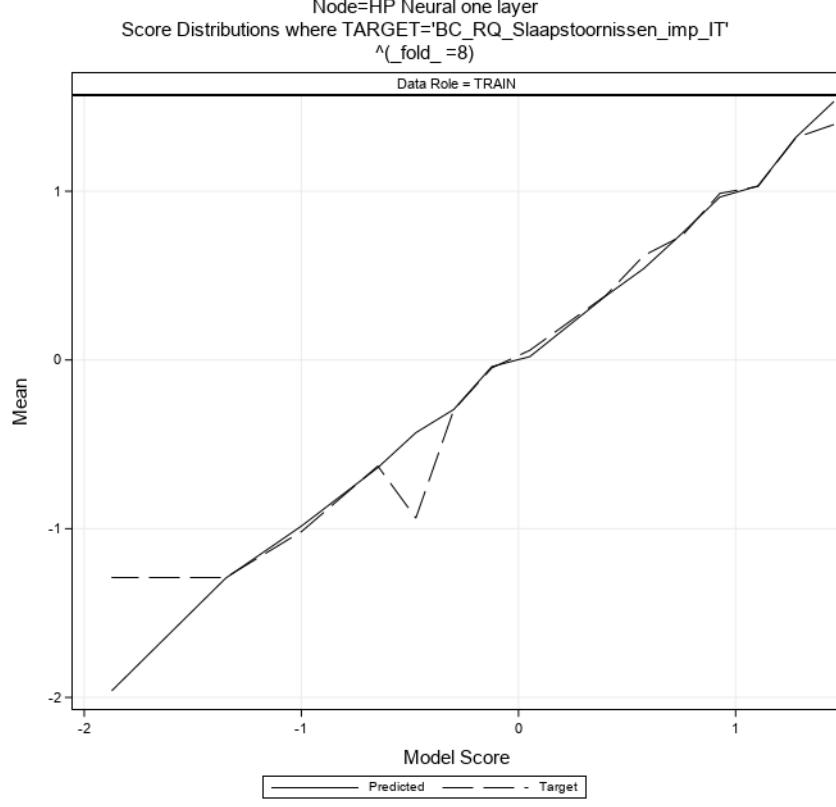


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=8)

Data Role = TRAIN

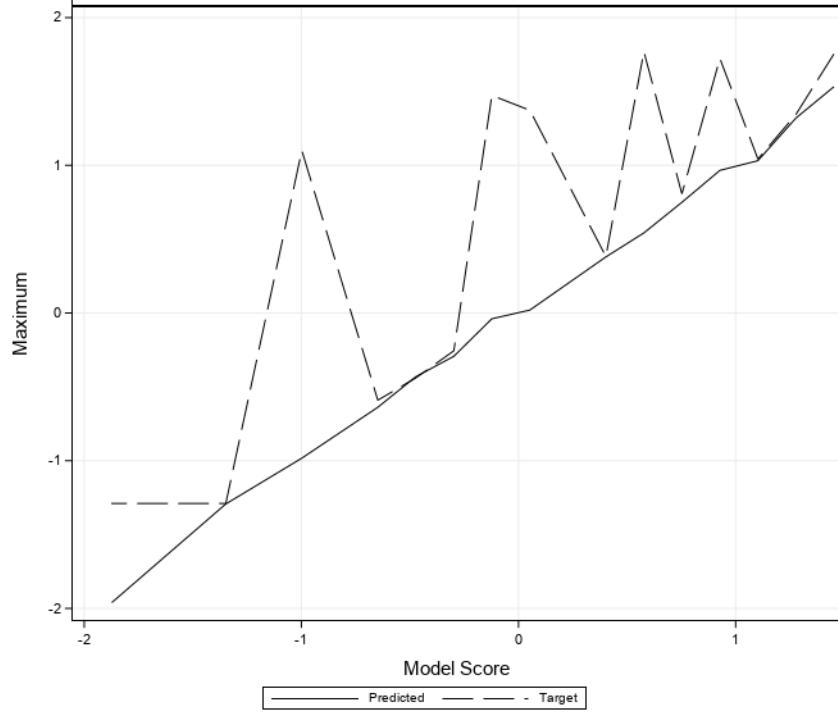


### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=HP Neural one layer

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=HP Neural one layer**

#### **Score Distributions**

Group=^(\_fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.939 - 2.099	2.09895	2.09895	2.09895	1.43774	1.55847	1.31700
1.301 - 1.461	1.32416	1.32416	1.32416	1.33102	1.72302	0.84891
0.823 - 0.982	0.88558	0.89188	0.88426	0.91448	1.71877	-1.28949
0.663 - 0.823	0.74852	0.74852	0.74852	0.74853	0.74853	0.74853
0.344 - 0.504	0.45198	0.45198	0.45198	0.49950	1.54020	-0.62105
0.025 - 0.184	0.11442	0.12283	0.10947	0.12032	1.30384	-1.28949
-0.135 - 0.025	-0.09742	-0.08299	-0.11185	-0.09738	-0.08303	-0.11173
-0.294 - -0.135	-0.22189	-0.22189	-0.22189	-0.22210	-0.22210	-0.22210
-0.454 - -0.294	-0.32265	-0.31707	-0.32281	-0.34663	1.75390	-1.28949
-0.773 - -0.613	-0.66769	-0.65958	-0.70013	-0.67272	0.62767	-1.28949
-1.092 - -0.932	-1.09186	-1.09186	-1.09186	-1.08286	0.13394	-1.28949

### **Node=HP Neural one layer**

#### **Score Distributions**

Group=^(\_fold\_ =2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.326 - 1.472	1.46668	1.47246	1.42042	1.30074	1.65900	0.84156
1.180 - 1.326	1.24487	1.29186	1.24252	1.19805	1.58775	0.53499
0.888 - 1.034	0.93994	0.96860	0.91129	0.94960	0.97484	0.92436
0.595 - 0.741	0.69384	0.71688	0.69289	0.80199	1.72302	-0.39643
0.449 - 0.595	0.46655	0.47696	0.46308	1.02124	1.50424	0.47843
0.303 - 0.449	0.39220	0.39314	0.31203	0.44406	1.76974	-1.28949
0.010 - 0.157	0.04822	0.04822	0.04822	0.04568	0.04568	0.04568
-0.136 - 0.010	-0.07657	-0.07657	-0.07657	-0.06966	-0.06966	-0.06966
-0.428 - -0.282	-0.38615	-0.37248	-0.38646	-0.45171	1.56738	-1.28949

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.721 - -0.575	-0.65685	-0.60242	-0.67240	-1.05858	-0.05541	-1.28949
-0.867 - -0.721	-0.81330	-0.81120	-0.81541	-0.81225	-0.80052	-0.82397
-1.013 - -0.867	-0.99789	-0.99789	-0.99789	-0.99278	-0.99278	-0.99278
-1.306 - -1.159	-1.27965	-1.26398	-1.28979	-1.28949	-1.28949	-1.28949
-1.452 - -1.306	-1.44583	-1.31207	-1.45185	-1.24882	-0.70002	-1.28949

### Node=HP Neural one layer Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.007 - 1.133	1.10699	1.13251	1.10570	1.13086	1.71877	-0.17275
0.881 - 1.007	0.92880	0.96265	0.89496	0.93086	0.98128	0.88044
0.755 - 0.881	0.78776	0.78787	0.78567	0.68929	1.75390	-1.28949
0.503 - 0.629	0.54838	0.57176	0.54655	0.52603	1.72302	-1.28949
0.377 - 0.503	0.44079	0.46557	0.41067	0.44412	0.46525	0.40910
0.125 - 0.251	0.22711	0.23368	0.18107	0.33443	1.76974	-0.81600
-0.001 - 0.125	0.03430	0.03430	0.03430	0.02169	0.02169	0.02169
-0.253 - -0.127	-0.16342	-0.13299	-0.20715	-0.16294	-0.12652	-0.20528
-0.379 - -0.253	-0.29555	-0.28740	-0.37283	-0.28107	1.50263	-1.28949
-0.631 - -0.505	-0.53859	-0.50575	-0.60515	-0.51259	0.94731	-1.28949
-0.757 - -0.631	-0.74873	-0.74873	-0.74873	-0.71373	-0.71373	-0.71373
-0.883 - -0.757	-0.84981	-0.84396	-0.86907	-0.87035	1.41905	-1.28949
-1.386 - -1.260	-1.31595	-1.28861	-1.38642	-1.23231	-1.00362	-1.28949

### Node=HP Neural one layer Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.538 - 1.688	1.68772	1.68772	1.68772	1.17542	1.50263	0.64172
1.238 - 1.388	1.25055	1.25055	1.25055	1.25123	1.25123	1.25123
1.088 - 1.238	1.09580	1.09580	1.09580	1.12924	1.71877	-0.17275
0.938 - 1.088	1.02320	1.02320	1.02320	0.84891	0.84891	0.84891
0.788 - 0.938	0.86752	0.86760	0.86654	1.06292	1.72302	0.11328
0.638 - 0.788	0.73258	0.73258	0.73258	0.73270	0.73270	0.73270
0.338 - 0.488	0.43297	0.48279	0.43127	0.38864	1.76974	-1.28949
0.188 - 0.338	0.28225	0.30199	0.27567	0.51518	1.51224	-0.05541
0.038 - 0.188	0.17261	0.17262	0.17245	0.27307	1.41520	-1.28949
-0.112 - 0.038	-0.02235	0.02441	-0.11205	-0.02190	0.02434	-0.11173
-0.562 - -0.412	-0.49124	-0.44331	-0.49191	-0.50686	1.26982	-1.28949
-0.712 - -0.562	-0.64852	-0.64751	-0.70001	-0.79403	0.82346	-1.28949
-0.862 - -0.712	-0.78242	-0.78242	-0.78242	-0.78226	-0.78226	-0.78226
-1.312 - -1.162	-1.31120	-1.28595	-1.31204	-1.18540	-0.23932	-1.28949

### Node=HP Neural one layer Score Distributions

Group= $\wedge$ (fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.438 - 1.573	1.57256	1.57256	1.57256	1.57618	1.57618	1.57618
1.303 - 1.438	1.37729	1.38226	1.31276	1.26033	1.68187	0.57041
1.168 - 1.303	1.21802	1.27883	1.21482	1.16353	1.58841	-0.05541
1.033 - 1.168	1.04355	1.04355	1.04355	1.04222	1.04222	1.04222
0.899 - 1.033	0.91127	0.98096	0.90773	0.94333	1.65891	-0.53102
0.629 - 0.764	0.73401	0.75149	0.72474	0.73347	0.74853	0.72559
0.494 - 0.629	0.52894	0.55317	0.49783	0.52828	0.55302	0.49777
0.359 - 0.494	0.47057	0.47057	0.47057	0.58931	0.87666	0.30195
0.225 - 0.359	0.26377	0.30313	0.26277	0.39327	1.76974	-1.28949
-0.045 - 0.090	-0.00396	-0.00396	-0.00396	0.62767	0.62767	0.62767
-0.315 - -0.180	-0.21175	-0.21175	-0.21175	-0.28264	1.50263	-1.28949
-0.449 - -0.315	-0.39447	-0.39447	-0.39447	-0.39395	-0.39395	-0.39395
-0.719 - -0.584	-0.65053	-0.64892	-0.69724	-0.91759	0.10661	-1.28949
-1.123 - -0.989	-1.12342	-1.12272	-1.12344	-0.99982	1.47303	-1.28949

### Node=HP Neural one layer Score Distributions

Group= $\wedge$ (fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.728 - 1.871	1.87060	1.87060	1.87060	1.40982	1.50263	1.31700
1.586 - 1.728	1.68136	1.68136	1.68136	1.68187	1.68187	1.68187
1.302 - 1.444	1.31720	1.33650	1.31444	1.21547	1.65900	0.84156
1.160 - 1.302	1.20818	1.20818	1.20818	1.19927	1.71877	-0.43832
1.017 - 1.160	1.08196	1.09504	1.06888	1.19928	1.30384	1.09472
0.875 - 1.017	0.99960	1.01734	0.98185	1.00035	1.01762	0.98308
0.733 - 0.875	0.80075	0.83464	0.76686	0.80005	0.83372	0.76638
0.591 - 0.733	0.65280	0.69278	0.65202	0.71944	1.76974	-1.28949
0.449 - 0.591	0.51273	0.51273	0.51273	0.63777	1.72302	-0.02880
0.306 - 0.449	0.38301	0.38441	0.34222	0.38567	1.50263	-1.28949
0.164 - 0.306	0.17515	0.17515	0.17515	0.17516	0.17516	0.17516
-0.262 - -0.120	-0.16984	-0.14969	-0.17175	-0.21605	1.70423	-1.28949
-0.405 - -0.262	-0.35215	-0.35215	-0.35215	-0.35213	-0.35213	-0.35213
-0.547 - -0.405	-0.41729	-0.41729	-0.41729	-0.32333	1.47303	-1.28949
-0.689 - -0.547	-0.60261	-0.60261	-0.60261	-0.60236	-0.60236	-0.60236
-0.973 - -0.831	-0.97345	-0.97345	-0.97345	-0.96626	0.94185	-1.28949

### Node=HP Neural one layer Score Distributions

Group= $\wedge$ (fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.790 - 1.941	1.94099	1.94099	1.94099	1.26871	1.50263	0.92436
1.034 - 1.185	1.12304	1.16491	1.05514	1.09952	1.72302	-0.08303
0.882 - 1.034	0.96980	0.96980	0.96980	1.08850	1.70423	-0.05541
0.731 - 0.882	0.79264	0.85679	0.76637	1.12881	1.47303	0.76638
0.429 - 0.580	0.53989	0.57858	0.49773	0.60563	0.84156	0.49777
0.278 - 0.429	0.27908	0.27908	0.27908	0.19627	1.38199	-0.65828
0.126 - 0.278	0.19372	0.19373	0.19365	0.18311	1.76974	-1.28949
-0.025 - 0.126	0.08396	0.08396	0.08396	0.09440	1.51224	-1.28949
-0.176 - -0.025	-0.11208	-0.11172	-0.11213	0.20053	1.10033	-1.28949
-0.327 - -0.176	-0.20348	-0.19743	-0.30725	-0.27735	1.75390	-1.28949

Group=<sup>^</sup>(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.630 - -0.478	-0.50837	-0.50837	-0.50837	-0.50835	-0.50835	-0.50835
-0.781 - -0.630	-0.69212	-0.69212	-0.69212	-0.68043	1.16447	-1.28949
-0.932 - -0.781	-0.85931	-0.85931	-0.85931	-0.85936	-0.85936	-0.85936
-1.083 - -0.932	-1.08333	-1.08332	-1.08333	-1.08406	0.27536	-1.28949

### Node=HP Neural one layer

#### Score Distributions

Group=<sup>^</sup>(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.365 - 1.540	1.53200	1.54020	1.47848	1.39536	1.75390	0.94388
1.190 - 1.365	1.31980	1.34218	1.29742	1.31773	1.34442	1.29103
1.015 - 1.190	1.03130	1.03413	1.02846	1.02839	1.04222	1.01455
0.840 - 1.015	0.96557	0.98054	0.89249	0.98719	1.72302	-0.39643
0.665 - 0.840	0.74944	0.82476	0.69771	0.73500	0.80658	0.69707
0.490 - 0.665	0.54219	0.63549	0.49478	0.61916	1.76974	-1.28949
0.315 - 0.490	0.37968	0.37968	0.37968	0.38251	0.38251	0.38251
-0.035 - 0.140	0.01983	0.12713	-0.03329	0.05747	1.37243	-1.28949
-0.210 - -0.035	-0.03919	-0.03556	-0.20300	-0.04714	1.47303	-1.28949
-0.385 - -0.210	-0.29300	-0.25920	-0.32681	-0.29432	-0.25587	-0.33277
-0.560 - -0.385	-0.43127	-0.39883	-0.52123	-0.93697	-0.43944	-1.28949
-0.735 - -0.560	-0.63817	-0.60415	-0.71536	-0.62873	-0.59026	-0.71251
-1.086 - -0.910	-0.98283	-0.95614	-1.02635	-1.01565	1.10033	-1.28949
-1.436 - -1.261	-1.29298	-1.28066	-1.30994	-1.28949	-1.28949	-1.28949
-1.961 - -1.786	-1.96075	-1.96075	-1.96075	-1.28949	-1.28949	-1.28949

### Node=HP Neural one layer

#### Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.679 - 1.871	1.87060	1.87060	1.87060	0.92436	0.92436	0.92436
1.487 - 1.679	1.53786	1.54020	1.52618	1.40468	1.70423	0.94388
1.296 - 1.487	1.38226	1.38226	1.38226	1.58940	1.66657	1.51224
1.104 - 1.296	1.17742	1.27883	1.10594	1.20044	1.58841	0.02169
0.913 - 1.104	1.00574	1.09580	0.91940	1.26037	1.68187	0.64172
0.721 - 0.913	0.86560	0.90773	0.72584	0.89181	1.56738	-0.61896
0.530 - 0.721	0.60194	0.69771	0.53559	0.73184	1.72302	-1.28949
0.338 - 0.530	0.41987	0.52677	0.38441	0.48575	1.76974	-1.28949
0.146 - 0.338	0.23618	0.30313	0.17262	0.01500	1.17092	-1.28949
-0.045 - 0.146	0.01080	0.12283	-0.03574	0.17327	1.30384	-1.28949
-0.237 - -0.045	-0.18796	-0.08299	-0.21175	-0.16925	1.75390	-1.28949
-0.428 - -0.237	-0.35749	-0.28740	-0.41729	-0.35874	1.47303	-1.28949
-0.620 - -0.428	-0.51614	-0.49191	-0.61215	-0.59745	0.93843	-1.28949
-0.811 - -0.620	-0.66533	-0.64751	-0.78242	-0.78307	1.16447	-1.28949
-1.003 - -0.811	-0.91596	-0.84532	-0.97345	-0.95744	1.10033	-1.28949
-1.194 - -1.003	-1.09808	-1.02633	-1.15185	-0.93668	1.38199	-1.28949
-1.386 - -1.194	-1.29453	-1.28595	-1.31207	-1.28949	-1.28949	-1.28949
-1.578 - -1.386	-1.45159	-1.45159	-1.45159	-1.28949	-1.28949	-1.28949
-1.961 - -1.769	-1.96075	-1.96075	-1.96075	-1.28949	-1.28949	-1.28949

### Node=HP Neural one layer

#### Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	335
2	^(fold_=2)	345
3	^(fold_=3)	338
4	^(fold_=4)	342
5	^(fold_=5)	341
6	^(fold_=6)	354
7	^(fold_=7)	351
8	^(fold_=8)	345

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp6  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp6 => HPNNA3 => EndGrp6  
 Notes =

### Node=End Groups Properties

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

### Node=End Groups Variable Summary

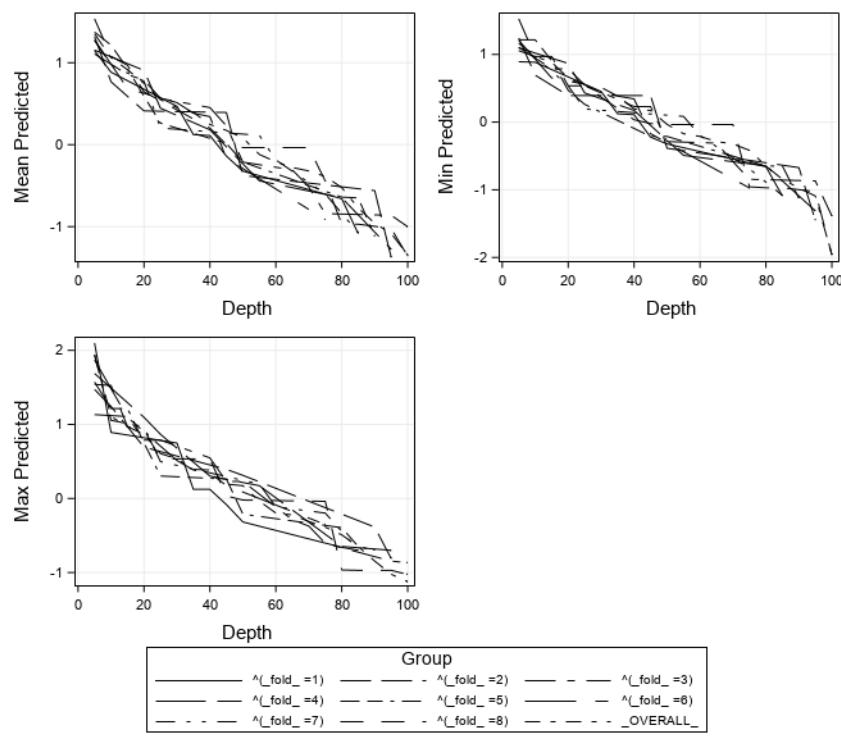
Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAtot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

Group Index	Group	ModelId	Train: Target Variable	Train:			Train:			Train:	
				Average Squared Error	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Sum of Squared Errors	Target Label	
1	^(fold_=1)	HPNNA3	BC_RQ_Slaapstoornissen_imp_IT	0.43955	330	2.17375	330	0.66298	145.051	ReQuest (sleep subscale) (Box-Cox transformed)	
2	^(fold_=2)	HPNNA3	BC_RQ_Slaapstoornissen_imp_IT	0.48669	347	1.95373	347	0.69763	168.881	ReQuest (sleep subscale) (Box-Cox transformed)	
3	^(fold_=3)	HPNNA3	BC_RQ_Slaapstoornissen_imp_IT	0.47666	344	2.28812	344	0.69041	163.972	ReQuest (sleep subscale) (Box-Cox transformed)	
4	^(fold_=4)	HPNNA3	BC_RQ_Slaapstoornissen_imp_IT	0.42853	342	1.76173	342	0.65463	146.559	ReQuest (sleep subscale) (Box-Cox transformed)	
5	^(fold_=5)	HPNNA3	BC_RQ_Slaapstoornissen_imp_IT	0.47785	335	2.59647	335	0.69127	160.081	ReQuest (sleep subscale) (Box-Cox transformed)	
6	^(fold_=6)	HPNNA3	BC_RQ_Slaapstoornissen_imp_IT	0.46022	344	1.94150	344	0.67839	158.314	ReQuest (sleep subscale) (Box-Cox transformed)	
7	^(fold_=7)	HPNNA3	BC_RQ_Slaapstoornissen_imp_IT	0.51293	348	1.95140	348	0.71619	178.501	ReQuest (sleep subscale) (Box-Cox transformed)	
8	^(fold_=8)	HPNNA3	BC_RQ_Slaapstoornissen_imp_IT	0.41851	362	2.07049	362	0.64692	151.501	ReQuest (sleep subscale) (Box-Cox transformed)	
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	0.53655	393	2.38529	393	0.73250	210.866	ReQuest (sleep subscale) (Box-Cox transformed)	

### SAS Enterprise Miner Report

Node=End Groups

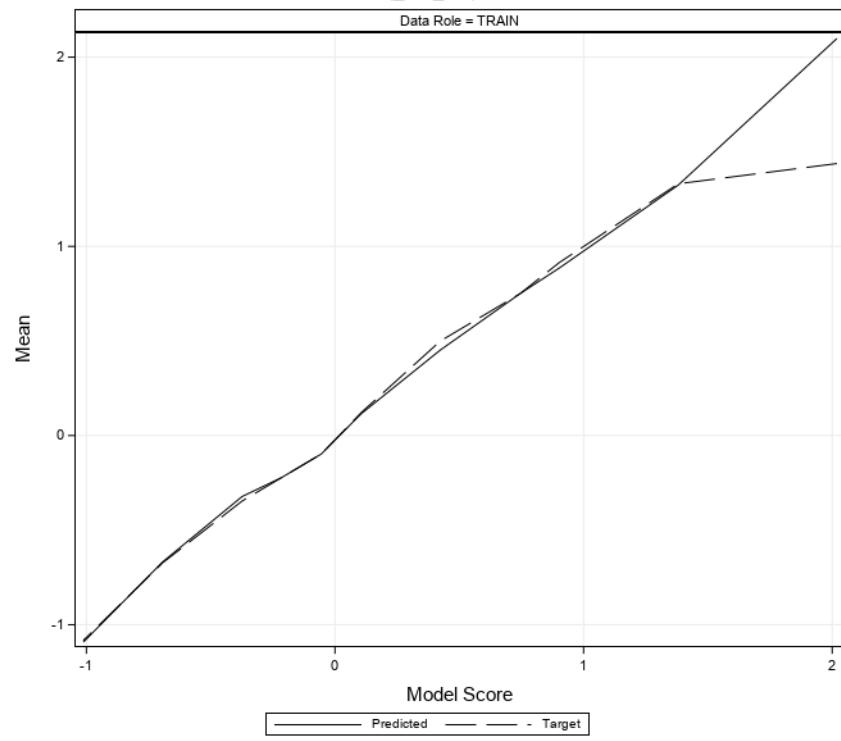
Multiple Model Assessment Scores where DataRole=TRAIN  
TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\text{^}_{\text{fold}} = 1$

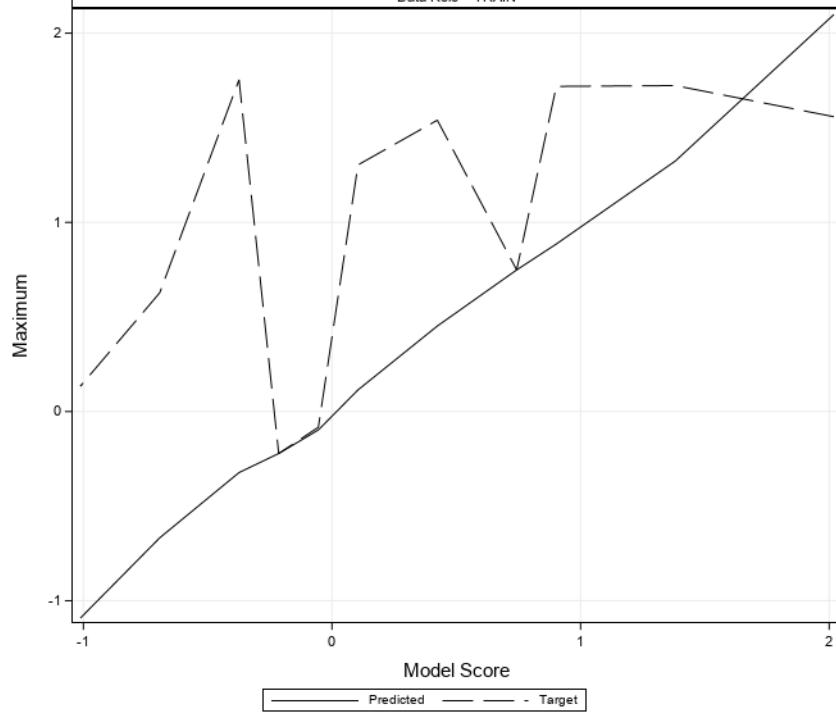


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN

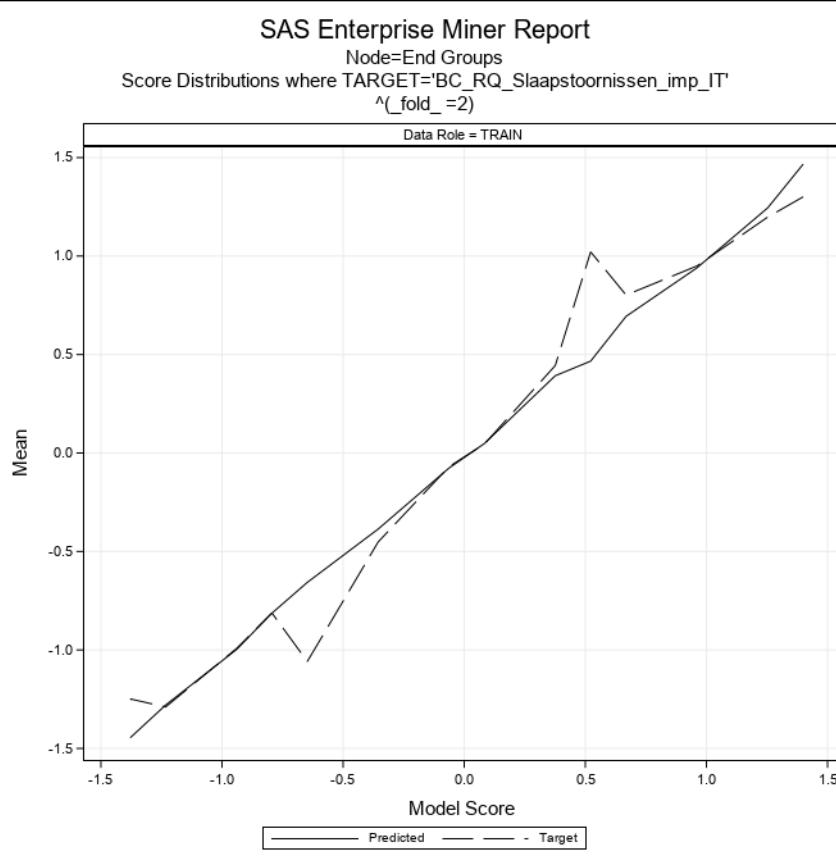


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

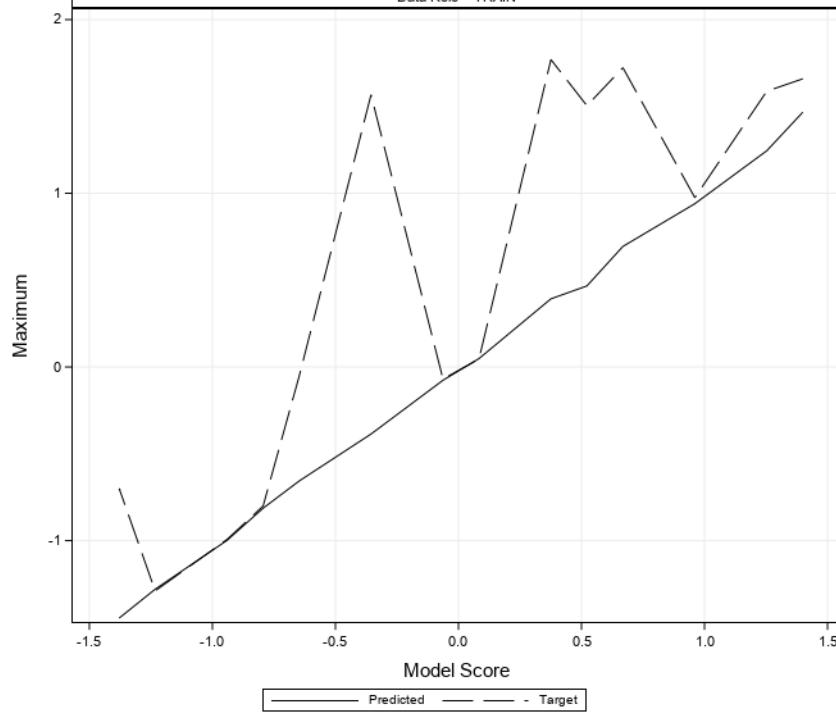


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

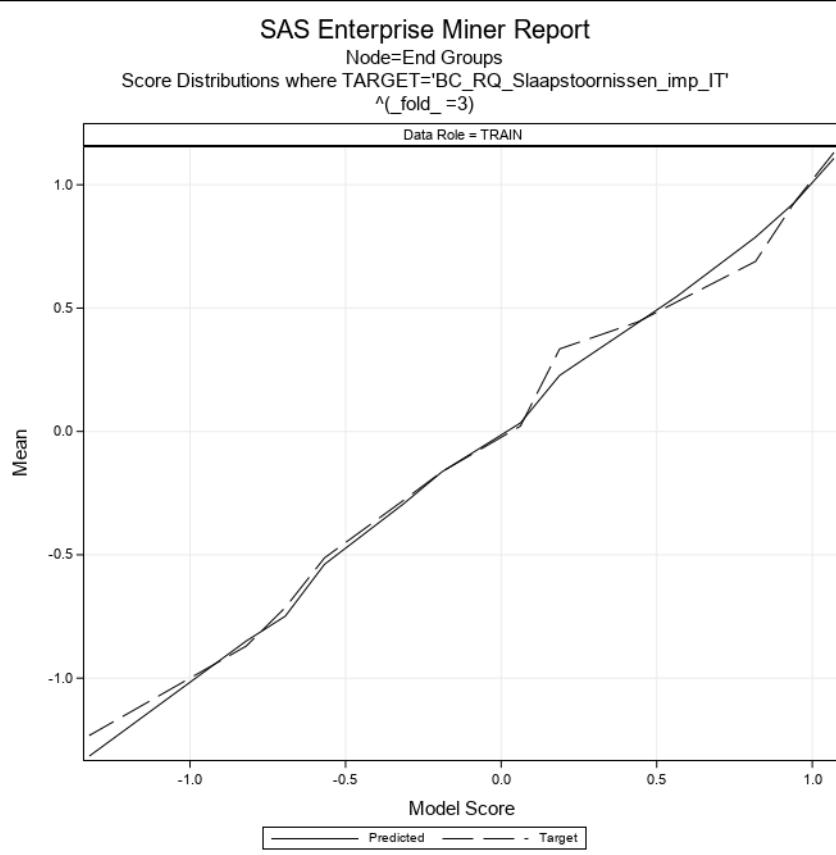


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

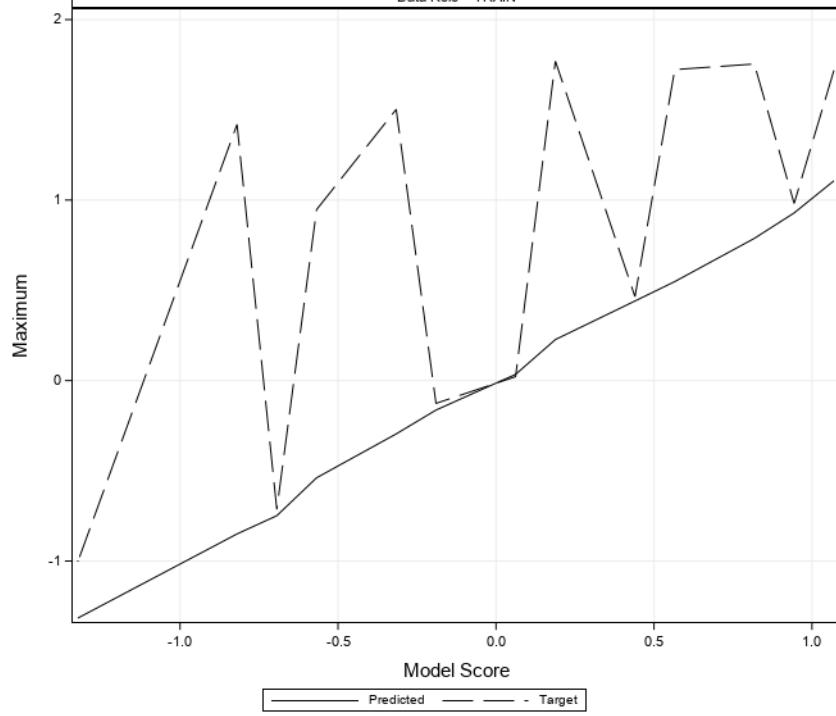


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

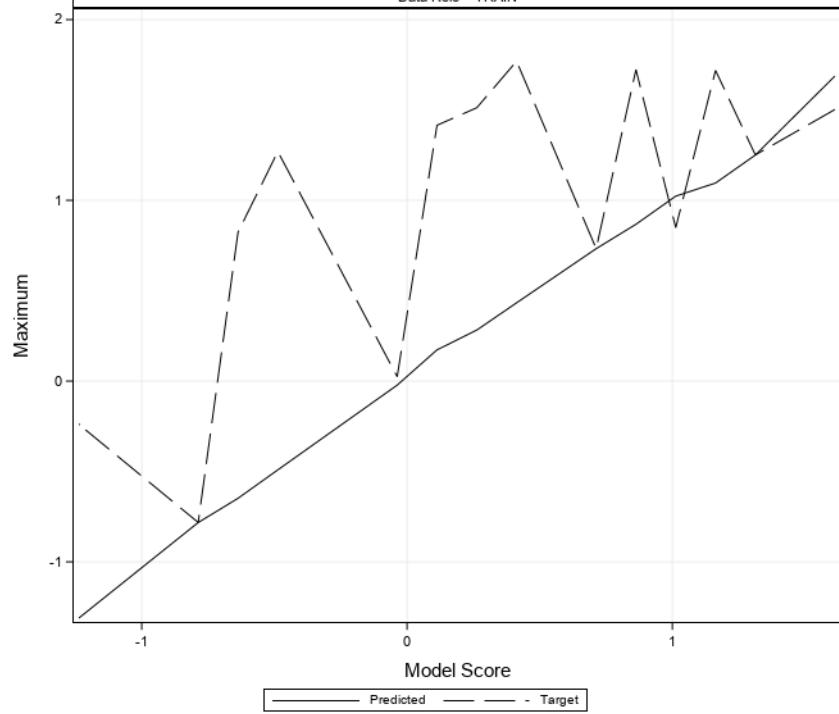


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

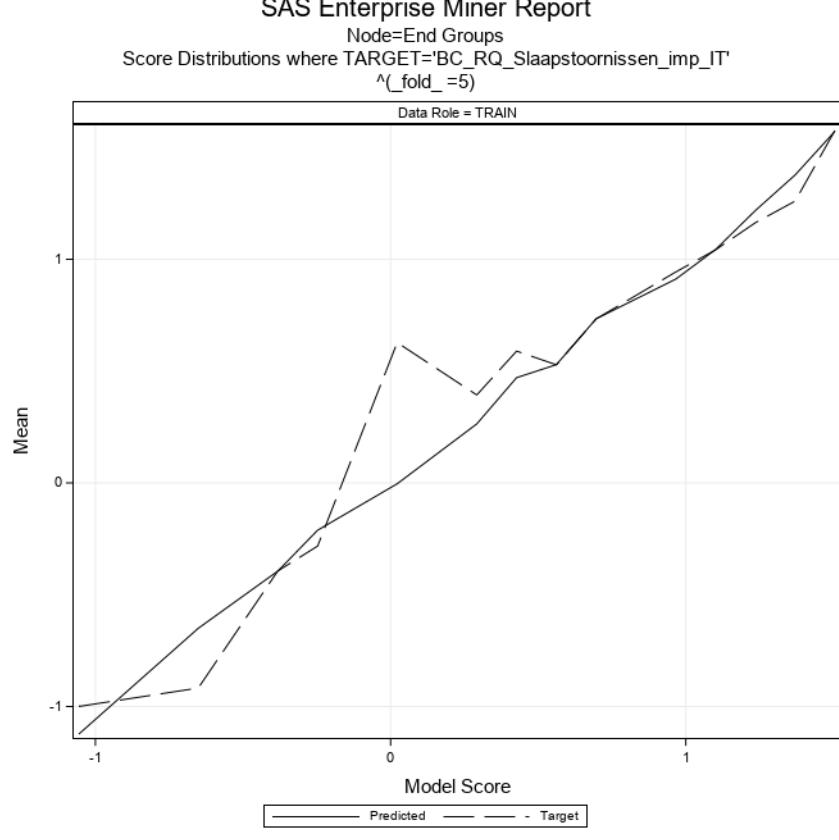


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

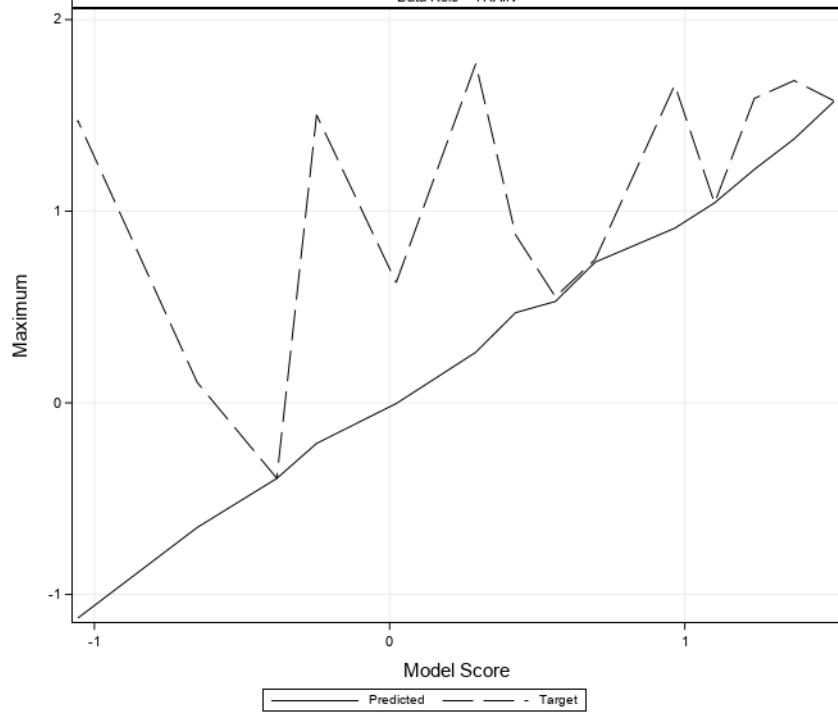


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

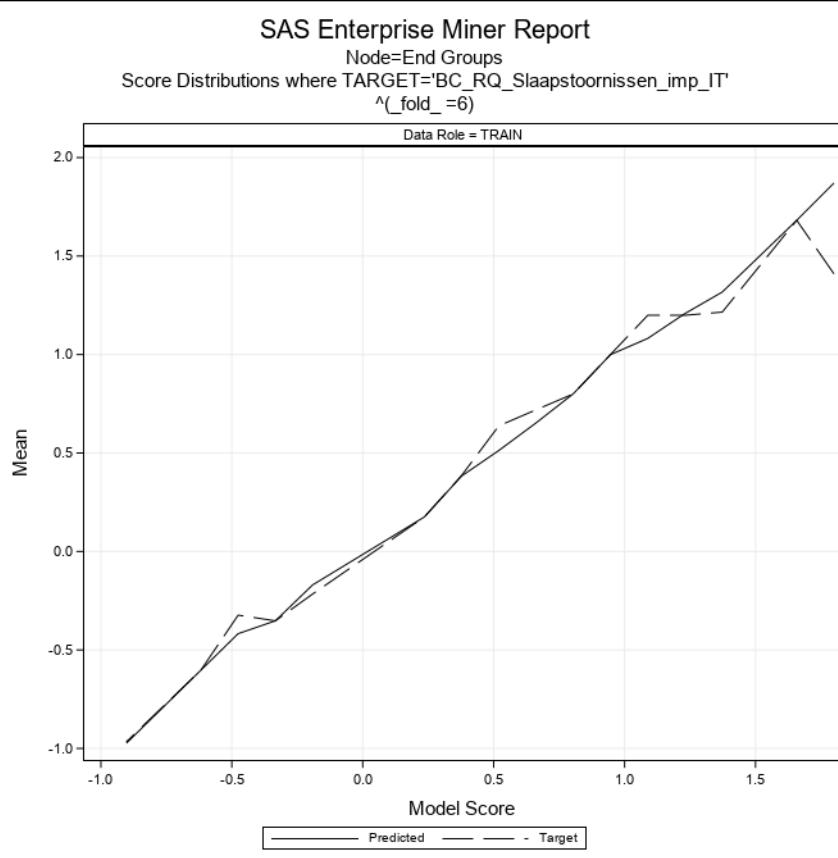


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

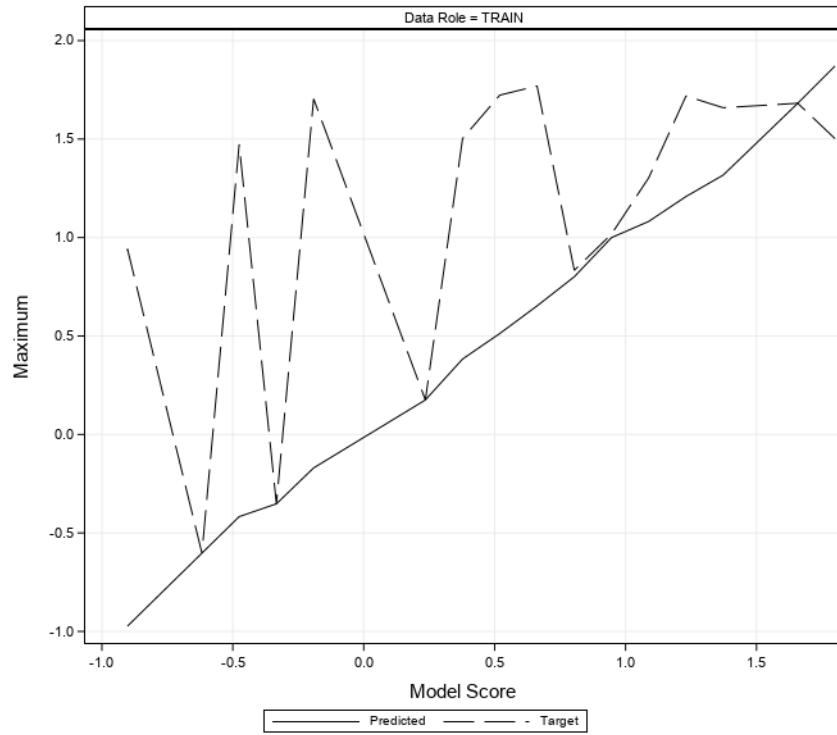


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

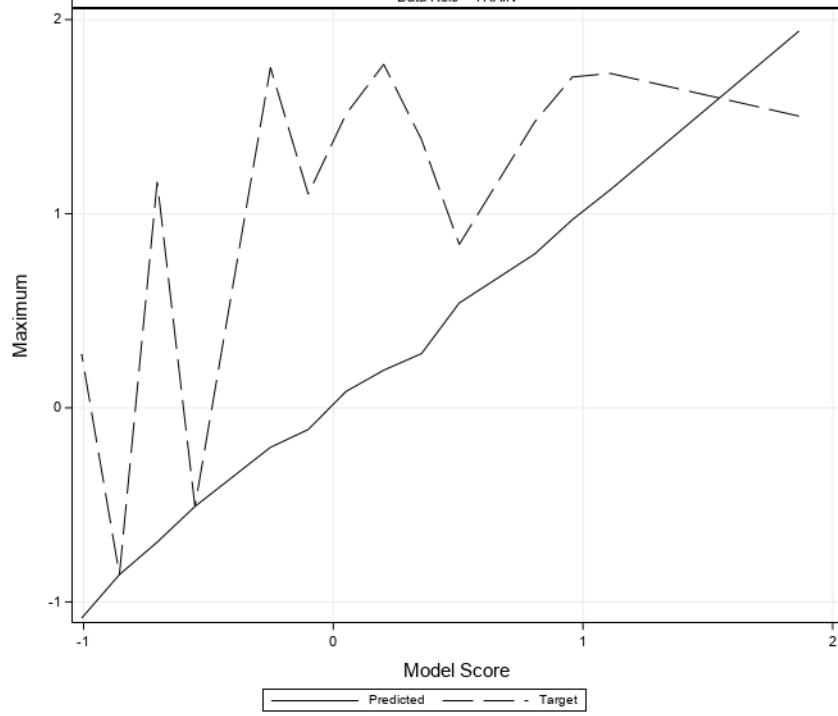


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

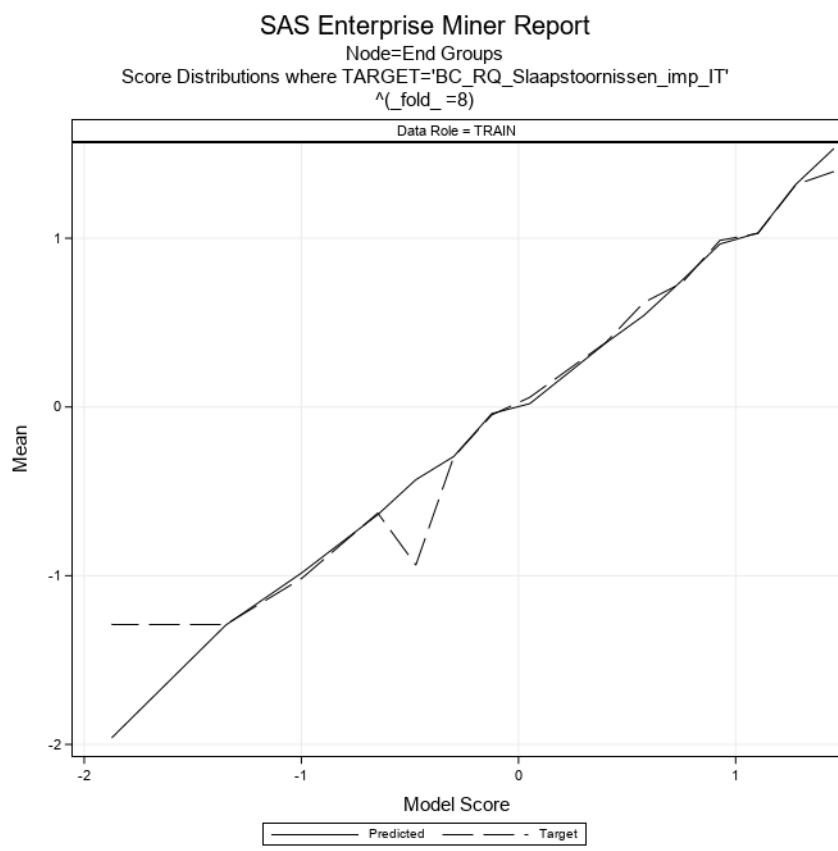


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

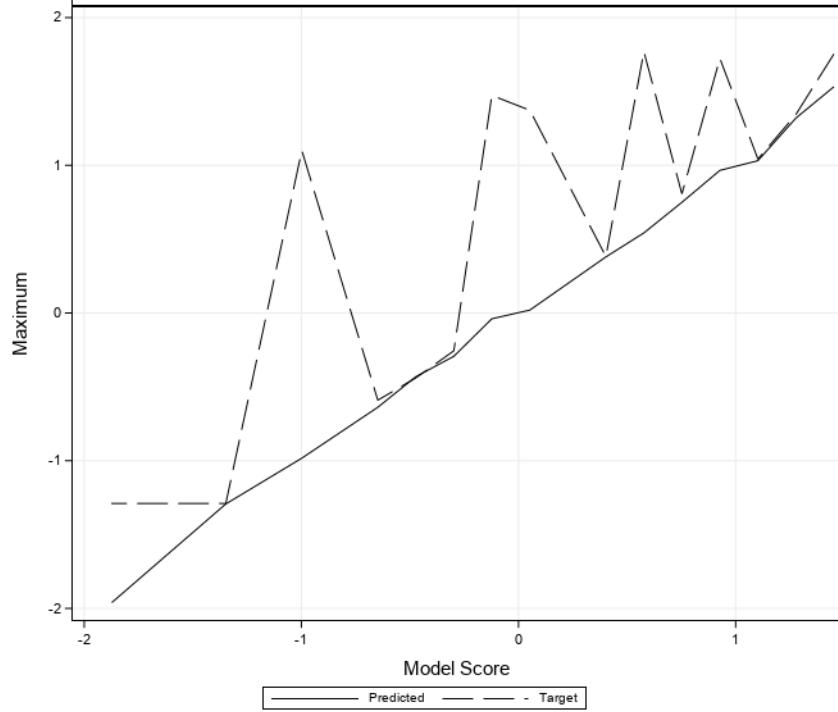


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

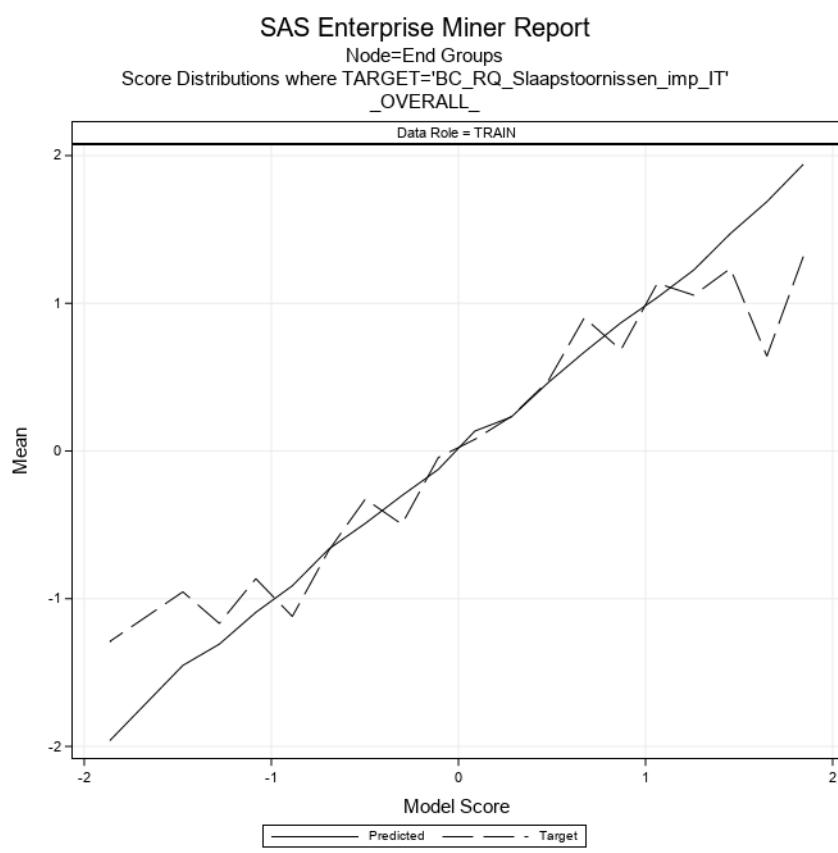


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=End Groups Score Distributions**

Group=^(\_fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.939 - 2.099	2.09895	2.09895	2.09895	1.43774	1.55847	1.31700
1.301 - 1.461	1.32416	1.32416	1.32416	1.33102	1.72302	0.84891
0.823 - 0.982	0.88558	0.89188	0.88426	0.91448	1.71877	-1.28949
0.663 - 0.823	0.74852	0.74852	0.74852	0.74853	0.74853	0.74853
0.344 - 0.504	0.45198	0.45198	0.45198	0.49950	1.54020	-0.62105
0.025 - 0.184	0.11442	0.12283	0.10947	0.12032	1.30384	-1.28949
-0.135 - 0.025	-0.09742	-0.08299	-0.11185	-0.09738	-0.08303	-0.11173
-0.294 - -0.135	-0.22189	-0.22189	-0.22189	-0.22210	-0.22210	-0.22210
-0.454 - -0.294	-0.32265	-0.31707	-0.32281	-0.34663	1.75390	-1.28949
-0.773 - -0.613	-0.66769	-0.65958	-0.70013	-0.67272	0.62767	-1.28949
-1.092 - -0.932	-1.09186	-1.09186	-1.09186	-1.08286	0.13394	-1.28949

### **Node=End Groups Score Distributions**

Group=^(\_fold\_ =2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.326 - 1.472	1.46668	1.47246	1.42042	1.30074	1.65900	0.84156
1.180 - 1.326	1.24487	1.29186	1.24252	1.19805	1.58775	0.53499
0.888 - 1.034	0.93994	0.96860	0.91129	0.94960	0.97484	0.92436
0.595 - 0.741	0.69384	0.71688	0.69289	0.80199	1.72302	-0.39643
0.449 - 0.595	0.46655	0.47696	0.46308	1.02124	1.50424	0.47843
0.303 - 0.449	0.39220	0.39314	0.31203	0.44406	1.76974	-1.28949
0.010 - 0.157	0.04822	0.04822	0.04822	0.04568	0.04568	0.04568
-0.136 - 0.010	-0.07657	-0.07657	-0.07657	-0.06966	-0.06966	-0.06966
-0.428 - -0.282	-0.38615	-0.37248	-0.38646	-0.45171	1.56738	-1.28949

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.721 - -0.575	-0.65685	-0.60242	-0.67240	-1.05858	-0.05541	-1.28949
-0.867 - -0.721	-0.81330	-0.81120	-0.81541	-0.81225	-0.80052	-0.82397
-1.013 - -0.867	-0.99789	-0.99789	-0.99789	-0.99278	-0.99278	-0.99278
-1.306 - -1.159	-1.27965	-1.26398	-1.28979	-1.28949	-1.28949	-1.28949
-1.452 - -1.306	-1.44583	-1.31207	-1.45185	-1.24882	-0.70002	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.007 - 1.133	1.10699	1.13251	1.10570	1.13086	1.71877	-0.17275
0.881 - 1.007	0.92880	0.96265	0.89496	0.93086	0.98128	0.88044
0.755 - 0.881	0.78776	0.78787	0.78567	0.68929	1.75390	-1.28949
0.503 - 0.629	0.54838	0.57176	0.54655	0.52603	1.72302	-1.28949
0.377 - 0.503	0.44079	0.46557	0.41067	0.44412	0.46525	0.40910
0.125 - 0.251	0.22711	0.23368	0.18107	0.33443	1.76974	-0.81600
-0.001 - 0.125	0.03430	0.03430	0.03430	0.02169	0.02169	0.02169
-0.253 - -0.127	-0.16342	-0.13299	-0.20715	-0.16294	-0.12652	-0.20528
-0.379 - -0.253	-0.29555	-0.28740	-0.37283	-0.28107	1.50263	-1.28949
-0.631 - -0.505	-0.53859	-0.50575	-0.60515	-0.51259	0.94731	-1.28949
-0.757 - -0.631	-0.74873	-0.74873	-0.74873	-0.71373	-0.71373	-0.71373
-0.883 - -0.757	-0.84981	-0.84396	-0.86907	-0.87035	1.41905	-1.28949
-1.386 - -1.260	-1.31595	-1.28861	-1.38642	-1.23231	-1.00362	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.538 - 1.688	1.68772	1.68772	1.68772	1.17542	1.50263	0.64172
1.238 - 1.388	1.25055	1.25055	1.25055	1.25123	1.25123	1.25123
1.088 - 1.238	1.09580	1.09580	1.09580	1.12924	1.71877	-0.17275
0.938 - 1.088	1.02320	1.02320	1.02320	0.84891	0.84891	0.84891
0.788 - 0.938	0.86752	0.86760	0.86654	1.06292	1.72302	0.11328
0.638 - 0.788	0.73258	0.73258	0.73258	0.73270	0.73270	0.73270
0.338 - 0.488	0.43297	0.48279	0.43127	0.38864	1.76974	-1.28949
0.188 - 0.338	0.28225	0.30199	0.27567	0.51518	1.51224	-0.05541
0.038 - 0.188	0.17261	0.17262	0.17245	0.27307	1.41520	-1.28949
-0.112 - 0.038	-0.02235	0.02441	-0.11205	-0.02190	0.02434	-0.11173
-0.562 - -0.412	-0.49124	-0.44331	-0.49191	-0.50686	1.26982	-1.28949
-0.712 - -0.562	-0.64852	-0.64751	-0.70001	-0.79403	0.82346	-1.28949
-0.862 - -0.712	-0.78242	-0.78242	-0.78242	-0.78226	-0.78226	-0.78226
-1.312 - -1.162	-1.31120	-1.28595	-1.31204	-1.18540	-0.23932	-1.28949

### Node=End Groups Score Distributions

Group=\_fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.438 - 1.573	1.57256	1.57256	1.57256	1.57618	1.57618	1.57618
1.303 - 1.438	1.37729	1.38226	1.31276	1.26033	1.68187	0.57041
1.168 - 1.303	1.21802	1.27883	1.21482	1.16353	1.58841	-0.05541
1.033 - 1.168	1.04355	1.04355	1.04355	1.04222	1.04222	1.04222
0.899 - 1.033	0.91127	0.98096	0.90773	0.94333	1.65891	-0.53102
0.629 - 0.764	0.73401	0.75149	0.72474	0.73347	0.74853	0.72559
0.494 - 0.629	0.52894	0.55317	0.49783	0.52828	0.55302	0.49777
0.359 - 0.494	0.47057	0.47057	0.47057	0.58931	0.87666	0.30195
0.225 - 0.359	0.26377	0.30313	0.26277	0.39327	1.76974	-1.28949
-0.045 - 0.090	-0.00396	-0.00396	-0.00396	0.62767	0.62767	0.62767
-0.315 - -0.180	-0.21175	-0.21175	-0.21175	-0.28264	1.50263	-1.28949
-0.449 - -0.315	-0.39447	-0.39447	-0.39447	-0.39395	-0.39395	-0.39395
-0.719 - -0.584	-0.65053	-0.64892	-0.69724	-0.91759	0.10661	-1.28949
-1.123 - -0.989	-1.12342	-1.12272	-1.12344	-0.99982	1.47303	-1.28949

### Node=End Groups Score Distributions

Group=\_fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.728 - 1.871	1.87060	1.87060	1.87060	1.40982	1.50263	1.31700
1.586 - 1.728	1.68136	1.68136	1.68136	1.68187	1.68187	1.68187
1.302 - 1.444	1.31720	1.33650	1.31444	1.21547	1.65900	0.84156
1.160 - 1.302	1.20818	1.20818	1.20818	1.19927	1.71877	-0.43832
1.017 - 1.160	1.08196	1.09504	1.06888	1.19928	1.30384	1.09472
0.875 - 1.017	0.99960	1.01734	0.98185	1.00035	1.01762	0.98308
0.733 - 0.875	0.80075	0.83464	0.76686	0.80005	0.83372	0.76638
0.591 - 0.733	0.65280	0.69278	0.65202	0.71944	1.76974	-1.28949
0.449 - 0.591	0.51273	0.51273	0.51273	0.63777	1.72302	-0.02880
0.306 - 0.449	0.38301	0.38441	0.34222	0.38567	1.50263	-1.28949
0.164 - 0.306	0.17515	0.17515	0.17515	0.17516	0.17516	0.17516
-0.262 - -0.120	-0.16984	-0.14969	-0.17175	-0.21605	1.70423	-1.28949
-0.405 - -0.262	-0.35215	-0.35215	-0.35215	-0.35213	-0.35213	-0.35213
-0.547 - -0.405	-0.41729	-0.41729	-0.41729	-0.32333	1.47303	-1.28949
-0.689 - -0.547	-0.60261	-0.60261	-0.60261	-0.60236	-0.60236	-0.60236
-0.973 - -0.831	-0.97345	-0.97345	-0.97345	-0.96626	0.94185	-1.28949

### Node=End Groups Score Distributions

Group=\_fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.790 - 1.941	1.94099	1.94099	1.94099	1.26871	1.50263	0.92436
1.034 - 1.185	1.12304	1.16491	1.05514	1.09952	1.72302	-0.08303
0.882 - 1.034	0.96980	0.96980	0.96980	1.08850	1.70423	-0.05541
0.731 - 0.882	0.79264	0.85679	0.76637	1.12881	1.47303	0.76638
0.429 - 0.580	0.53989	0.57858	0.49773	0.60563	0.84156	0.49777
0.278 - 0.429	0.27908	0.27908	0.27908	0.19627	1.38199	-0.65828
0.126 - 0.278	0.19372	0.19373	0.19365	0.18311	1.76974	-1.28949
-0.025 - 0.126	0.08396	0.08396	0.08396	0.09440	1.51224	-1.28949
-0.176 - -0.025	-0.11208	-0.11172	-0.11213	0.20053	1.10033	-1.28949
-0.327 - -0.176	-0.20348	-0.19743	-0.30725	-0.27735	1.75390	-1.28949

Group=<sup>A</sup>(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.630 - -0.478	-0.50837	-0.50837	-0.50837	-0.50835	-0.50835	-0.50835
-0.781 - -0.630	-0.69212	-0.69212	-0.69212	-0.68043	1.16447	-1.28949
-0.932 - -0.781	-0.85931	-0.85931	-0.85931	-0.85936	-0.85936	-0.85936
-1.083 - -0.932	-1.08333	-1.08332	-1.08333	-1.08406	0.27536	-1.28949

### Node=End Groups

#### Score Distributions

Group=<sup>A</sup>(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.365 - 1.540	1.53200	1.54020	1.47848	1.39536	1.75390	0.94388
1.190 - 1.365	1.31980	1.34218	1.29742	1.31773	1.34442	1.29103
1.015 - 1.190	1.03130	1.03413	1.02846	1.02839	1.04222	1.01455
0.840 - 1.015	0.96557	0.98054	0.89249	0.98719	1.72302	-0.39643
0.665 - 0.840	0.74944	0.82476	0.69771	0.73500	0.80658	0.69707
0.490 - 0.665	0.54219	0.63549	0.49478	0.61916	1.76974	-1.28949
0.315 - 0.490	0.37968	0.37968	0.37968	0.38251	0.38251	0.38251
-0.035 - 0.140	0.01983	0.12713	-0.03329	0.05747	1.37243	-1.28949
-0.210 - -0.035	-0.03919	-0.03556	-0.20300	-0.04714	1.47303	-1.28949
-0.385 - -0.210	-0.29300	-0.25920	-0.32681	-0.29432	-0.25587	-0.33277
-0.560 - -0.385	-0.43127	-0.39883	-0.52123	-0.93697	-0.43944	-1.28949
-0.735 - -0.560	-0.63817	-0.60415	-0.71536	-0.62873	-0.59026	-0.71251
-1.086 - -0.910	-0.98283	-0.95614	-1.02635	-1.01565	1.10033	-1.28949
-1.436 - -1.261	-1.29298	-1.28066	-1.30994	-1.28949	-1.28949	-1.28949
-1.961 - -1.786	-1.96075	-1.96075	-1.28949	-1.28949	-1.28949	-1.28949

### Node=End Groups

#### Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.746 - 1.941	1.94099	1.94099	1.94099	1.31700	1.31700	1.31700
1.551 - 1.746	1.68772	1.68772	1.68772	0.64172	0.64172	0.64172
1.356 - 1.551	1.47171	1.54020	1.38226	1.23550	1.66657	0.57041
1.161 - 1.356	1.22600	1.33650	1.16491	1.05470	1.58775	-0.17275
0.966 - 1.161	1.03962	1.10594	0.96887	1.13583	1.72302	0.40910
0.770 - 0.966	0.86782	0.96265	0.78787	0.68472	1.65891	-1.28949
0.575 - 0.770	0.66985	0.76686	0.59175	0.90205	1.76974	-0.71227
0.380 - 0.575	0.46107	0.56335	0.38441	0.47104	1.68187	-1.28949
0.185 - 0.380	0.23053	0.34222	0.19371	0.23375	1.70423	-1.28949
-0.010 - 0.185	0.13487	0.17262	-0.00396	0.07876	1.16447	-1.04326
-0.205 - -0.010	-0.12445	-0.02172	-0.19750	-0.04408	1.75390	-1.28949
-0.400 - -0.205	-0.30239	-0.21175	-0.38635	-0.49599	1.55847	-1.28949
-0.595 - -0.400	-0.48971	-0.41729	-0.52725	-0.32571	1.13678	-1.28949
-0.790 - -0.595	-0.66349	-0.64751	-0.74873	-0.67183	1.41905	-1.28949
-0.985 - -0.790	-0.91238	-0.84532	-0.97345	-1.12008	-0.23932	-1.28949
-1.180 - -0.985	-1.09246	-1.02381	-1.12344	-0.86444	0.27536	-1.28949
-1.375 - -1.180	-1.30748	-1.29381	-1.31204	-1.16725	-0.80052	-1.28949
-1.571 - -1.375	-1.45185	-1.45185	-1.45185	-0.95364	0.72559	-1.28949
-1.961 - -1.766	-1.96075	-1.96075	-1.28949	-1.28949	-1.28949	-1.28949

### Node=End Groups

#### Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	335
2	^(fold_=2)	345
3	^(fold_=3)	338
4	^(fold_=4)	342
5	^(fold_=5)	341
6	^(fold_=6)	354
7	^(fold_=7)	351
8	^(fold_=8)	345

## SAS Enterprise Miner Report

### Node=DMNeural Summary

Node id = DMNeural2  
 Node label = DMNeural  
 Meta path = Ids => Trans => Grp5 => 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_Slaapstoornissen_imp_IT	
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	

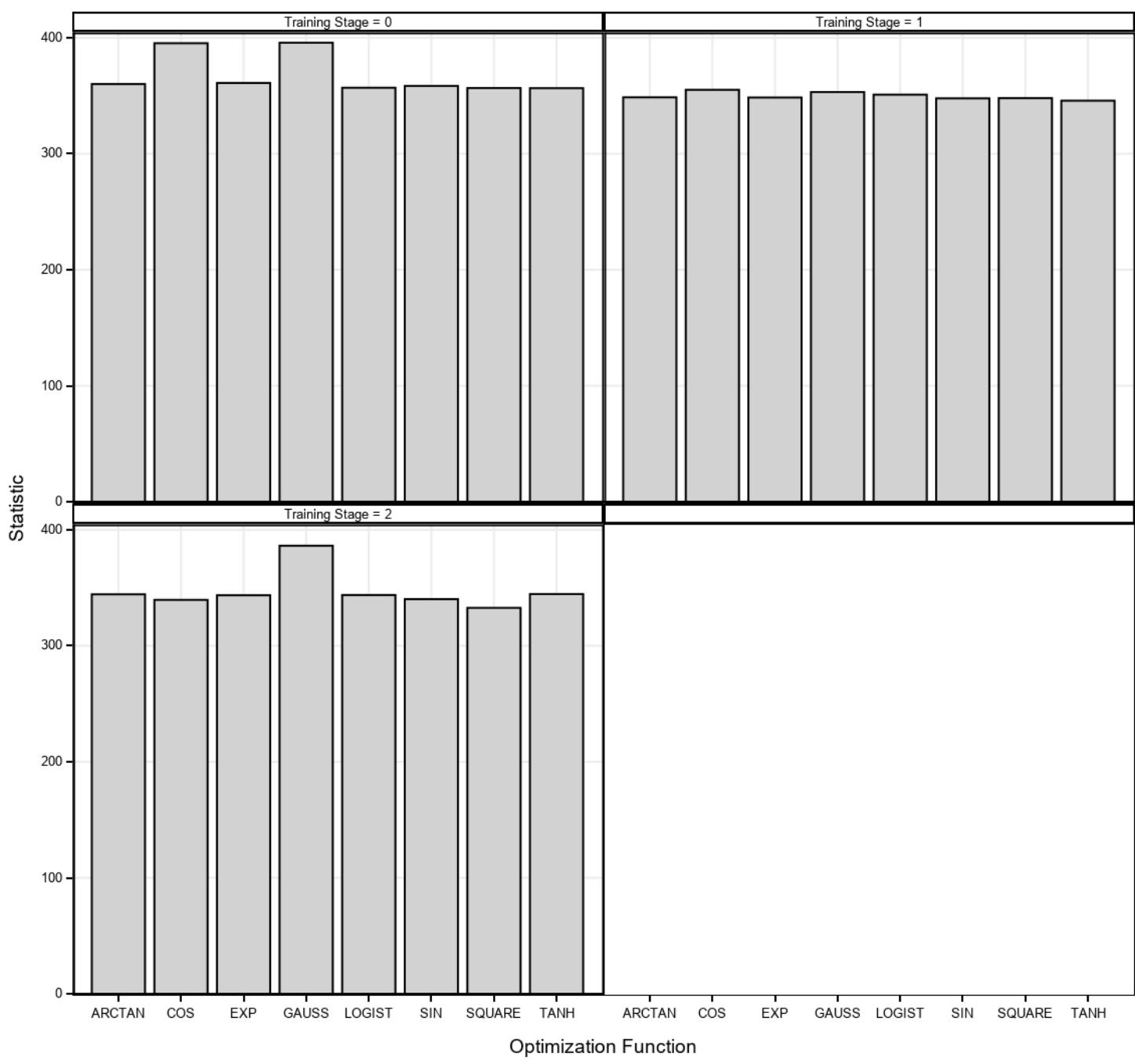
### Node=DMNeural Model Fit Statistics

Target=BC\_RQ\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.713	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.340	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.845	.	.
Sum of Squared Errors	280.338	.	.
Error Function	280.338	.	.
Average Error Function	0.713	.	.
Total Degrees of Freedom	393.000	.	.
Degrees of Freedom for Error	354.000	.	.
Mean Squared Error	0.792	.	.
Root Mean Squared Error	0.890	.	.
Number of Weights	39.000	.	.
Final Prediction Error	0.871	.	.
Root Final Prediction Error	0.933	.	.
Akaike's Information Criterion	-54.761	.	.
Schwarz's Bayesian Criterion	100.217	.	.

**SAS Enterprise Miner Report**

Node=DMNeural

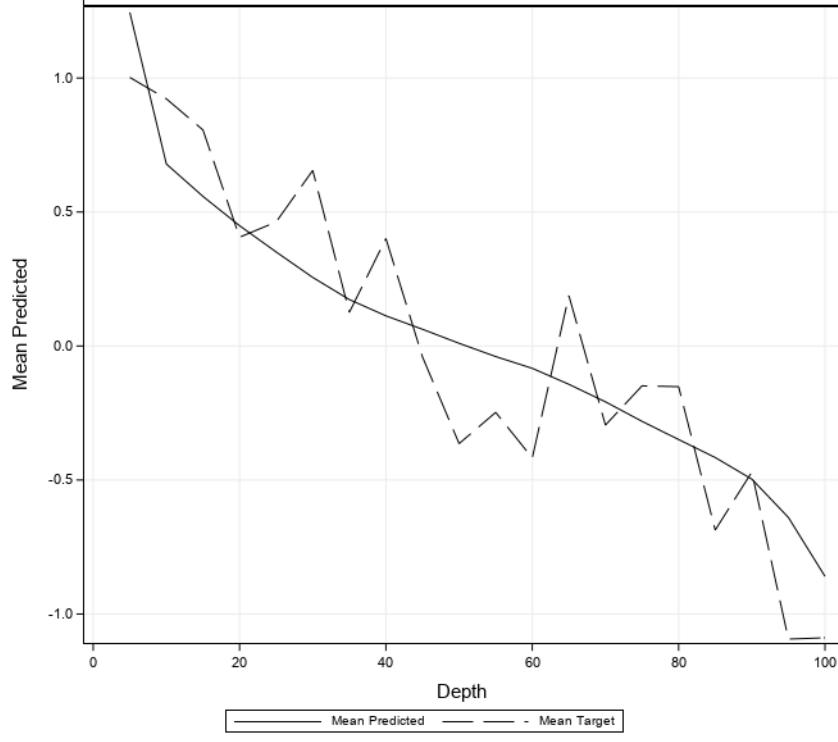
**Stagewise Optimization Statistics**

### SAS Enterprise Miner Report

Node=DMNeural

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

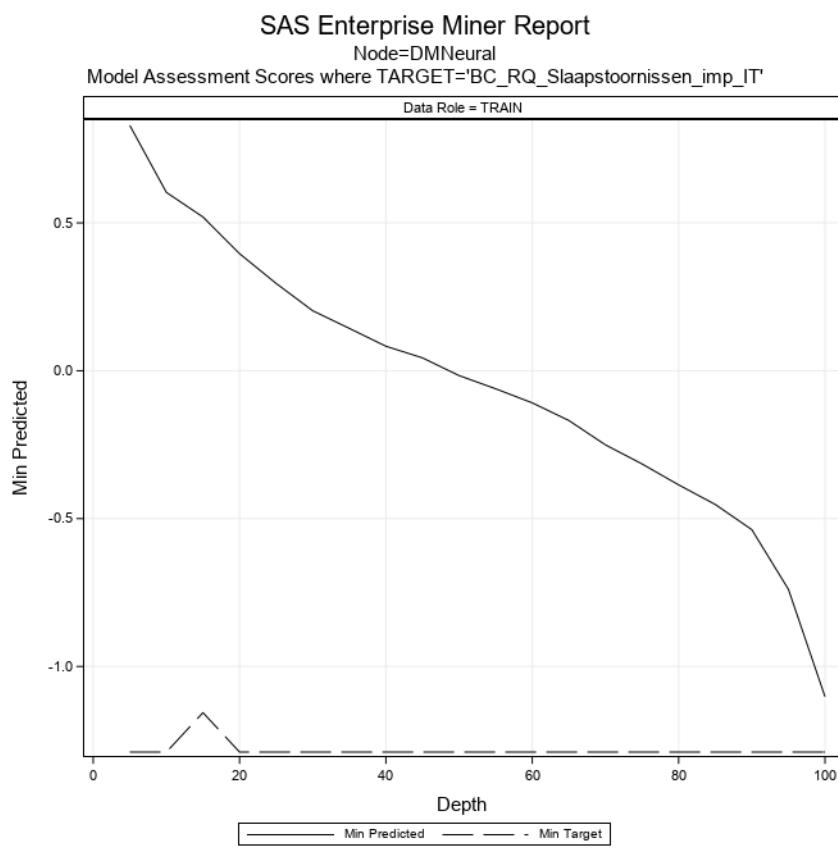


### SAS Enterprise Miner Report

Node=DMNeural

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

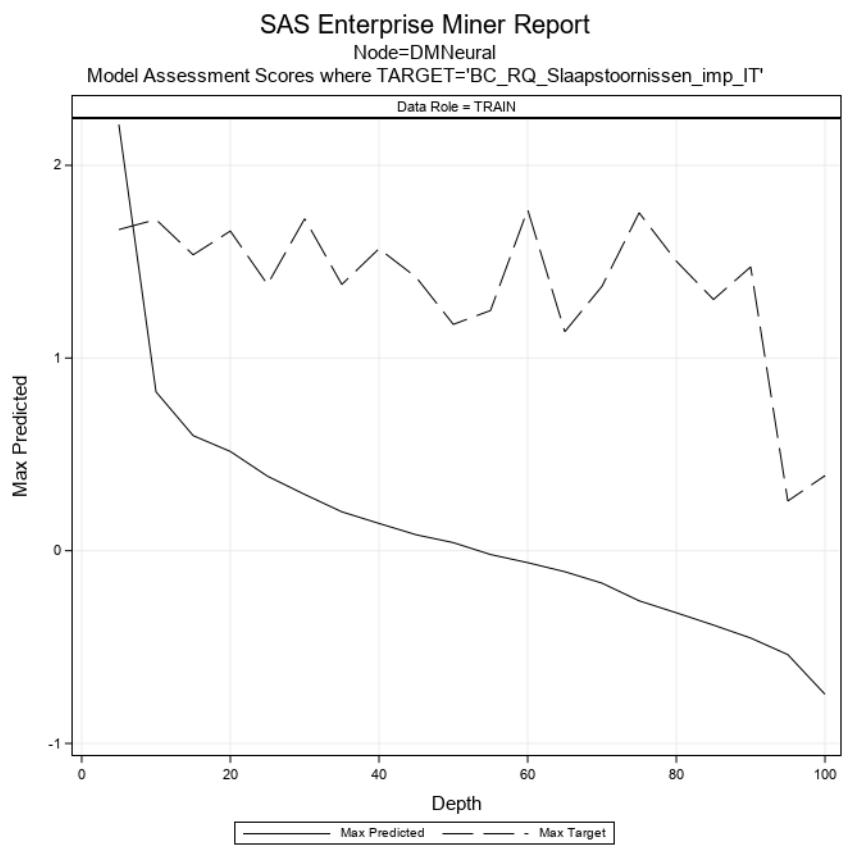


### SAS Enterprise Miner Report

Node=DMNeural

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=DMNeural

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN





### **Node=DMNeural** **Score Distributions**

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.047 - 2.212	2.21245	2.21245	2.21245	1.27739	1.27739	1.27739
1.715 - 1.881	1.84318	1.84318	1.84318	1.18714	1.18714	1.18714
1.550 - 1.715	1.62933	1.63827	1.61524	1.22207	1.57618	1.02403
1.384 - 1.550	1.54654	1.54654	1.54654	1.00501	1.00501	1.00501
1.218 - 1.384	1.30702	1.34164	1.27240	0.82497	0.92436	0.72559
1.052 - 1.218	1.11189	1.14397	1.08159	0.87741	1.58775	-0.06281
0.887 - 1.052	1.02960	1.05041	0.99831	0.50813	1.48303	-1.28949
0.721 - 0.887	0.80752	0.87275	0.73183	0.91088	1.66657	-0.43832
0.555 - 0.721	0.60965	0.68821	0.55606	0.94181	1.71877	-1.28949
0.390 - 0.555	0.47503	0.55451	0.39581	0.51942	1.65900	-1.28949
0.224 - 0.390	0.30736	0.38681	0.22476	0.52594	1.70423	-1.28949
0.058 - 0.224	0.12634	0.20280	0.05857	0.23748	1.72302	-1.28949
-0.108 - 0.058	-0.02762	0.05552	-0.10561	-0.33079	1.76974	-1.28949
-0.273 - -0.108	-0.18747	-0.10863	-0.27239	-0.02340	1.75390	-1.28949
-0.439 - -0.273	-0.35737	-0.27375	-0.43662	-0.42146	1.50263	-1.28949
-0.605 - -0.439	-0.50888	-0.44996	-0.59765	-0.55542	1.47303	-1.28949
-0.771 - -0.605	-0.68065	-0.61077	-0.75332	-1.14187	0.25804	-1.28949
-0.936 - -0.771	-0.84862	-0.77906	-0.90318	-1.07792	0.38961	-1.28949
-1.102 - -0.936	-1.05194	-1.00190	-1.10197	-0.96834	-0.64719	-1.28949

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp5  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp5 => DMNeural2 => 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	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	

## SAS Enterprise Miner Report

### Node=HP Regression LASSO Summary

Node id = HPReg4  
 Node label = HP Regression LASSO  
 Meta path = Ids => Trans => Grp9 => HPReg4  
 Notes =

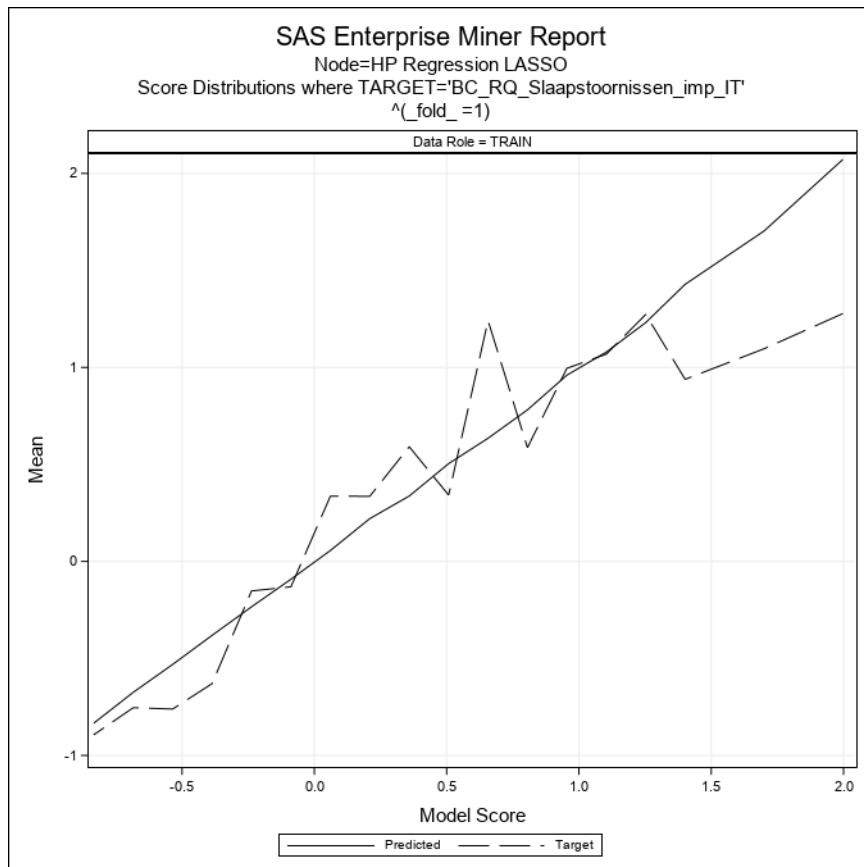
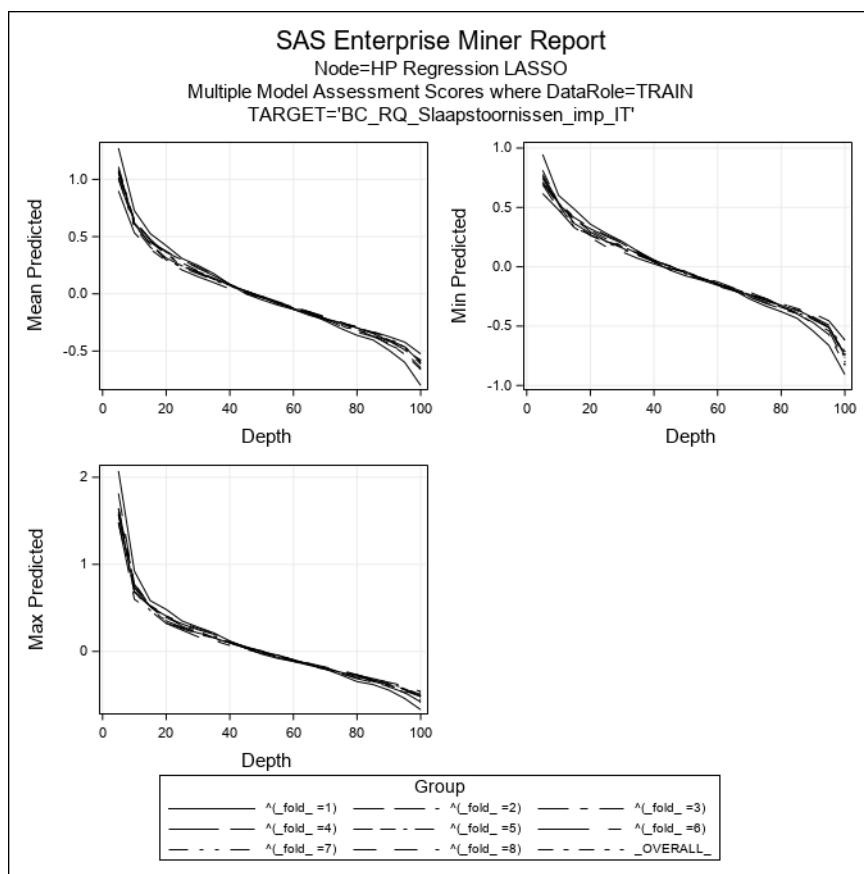
### Node=HP Regression LASSO Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	HPDMReg		MAXFUNC	.		Polynomial	N	
ABSCONV	.		MAXITER	.		PolynomialDegree	2	
ABSFCNV	.		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_Slaapstoornissen_imp_IT
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	Average Squared Error	Squared Errors
1	^(fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	0.73429	355	2.07537	355	0.85691	260.672
2	^(fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	0.77744	347	2.10227	347	0.88173	269.772
3	^(fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	0.78544	334	2.39065	334	0.88625	262.339
4	^(fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	0.79321	341	2.29183	341	0.89062	270.483
5	^(fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	0.79241	340	2.11072	340	0.89018	269.420
6	^(fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	0.81049	347	2.09406	347	0.90027	281.240
7	^(fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	0.77319	346	2.10111	346	0.87931	267.522
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	0.76273	345	2.14484	345	0.87334	263.141
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	0.78188	393	2.25383	393	0.88424	307.279



### SAS Enterprise Miner Report

Node=HP Regression LASSO  
 Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
 $\wedge(\text{fold}_\text{=}1)$



### SAS Enterprise Miner Report

Node=HP Regression LASSO  
 Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
 $\wedge(\text{fold}_\text{=}2)$

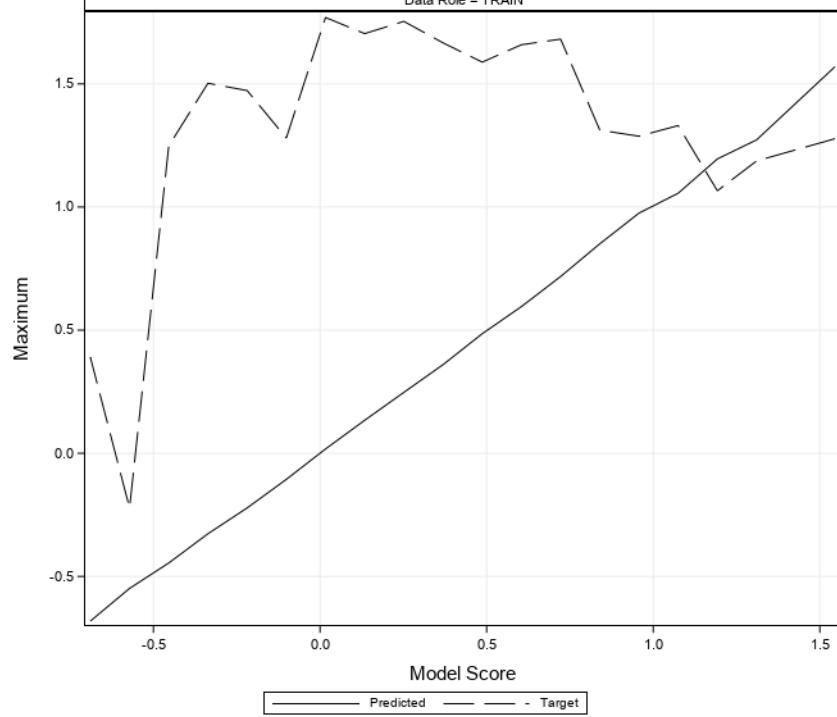


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(fold\_=2)

Data Role = TRAIN

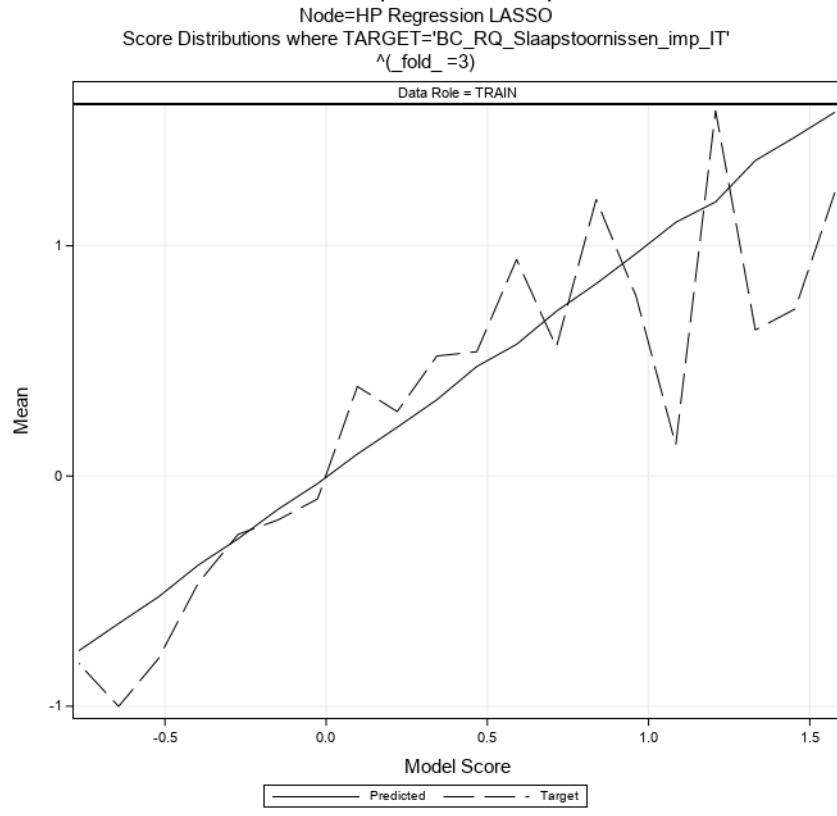


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(fold\_=3)

Data Role = TRAIN

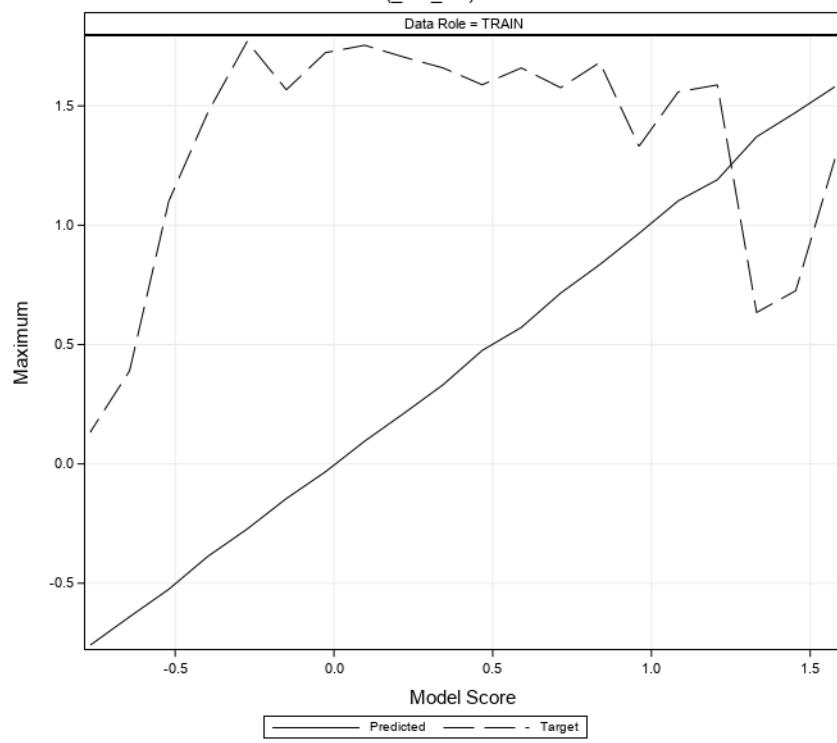


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(\_fold\_=3)

Data Role = TRAIN

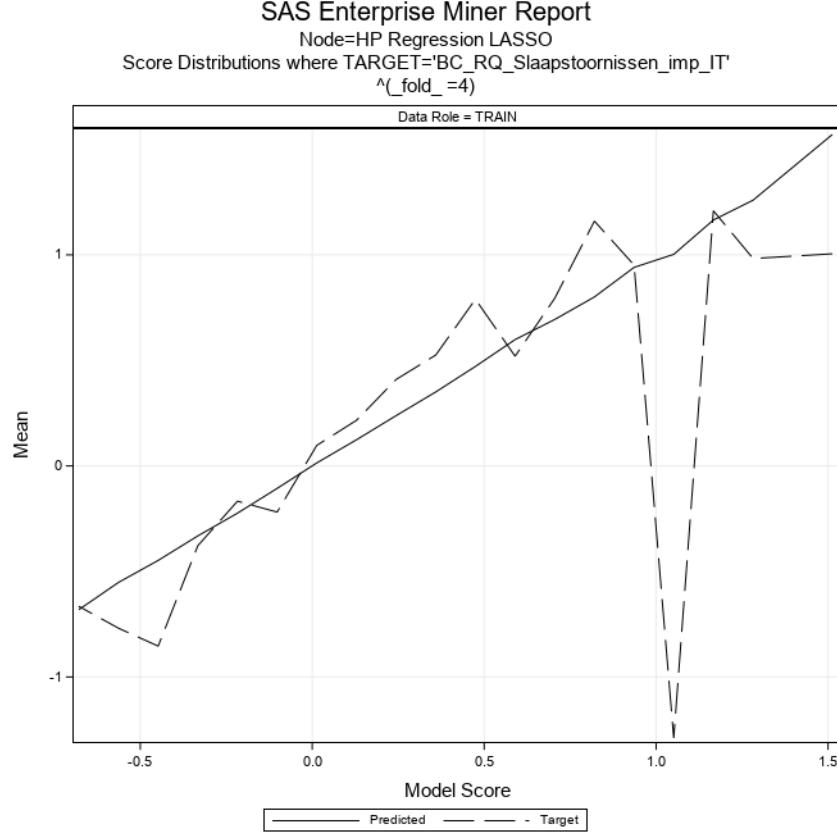


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(\_fold\_=4)

Data Role = TRAIN

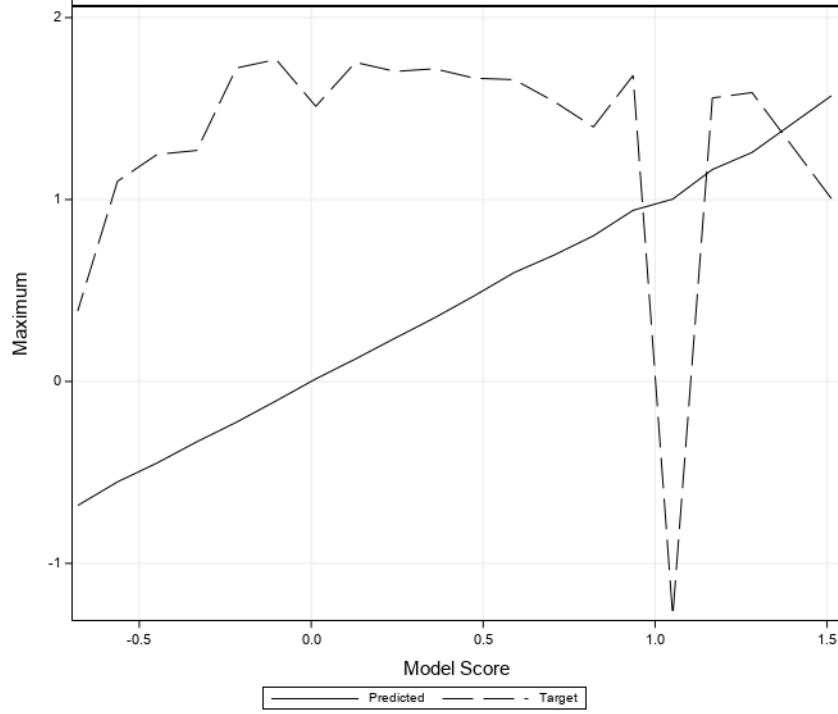


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(fold\_=4)

Data Role = TRAIN

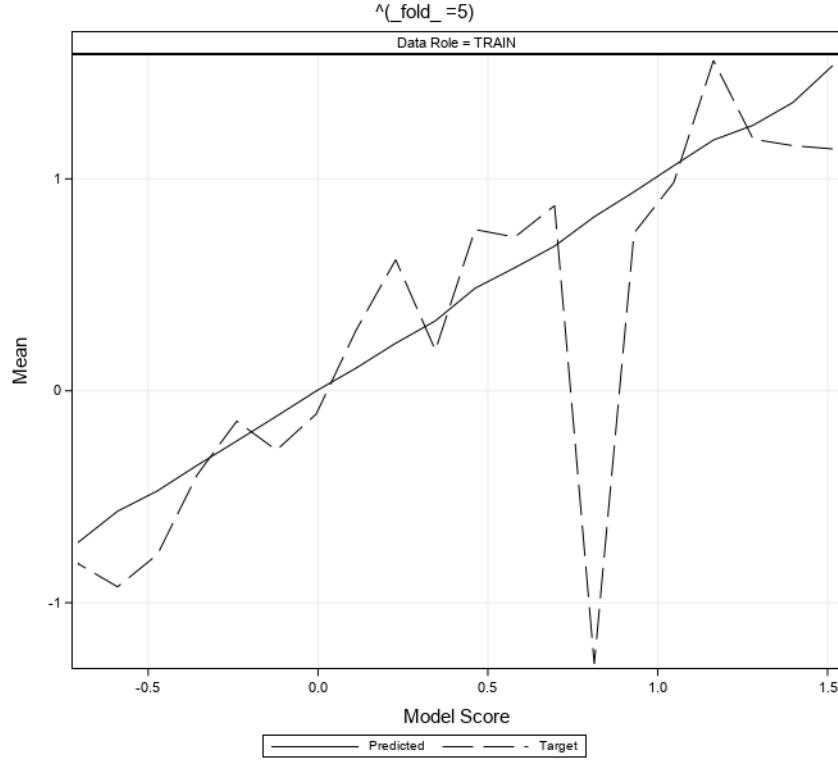


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(fold\_=5)

Data Role = TRAIN

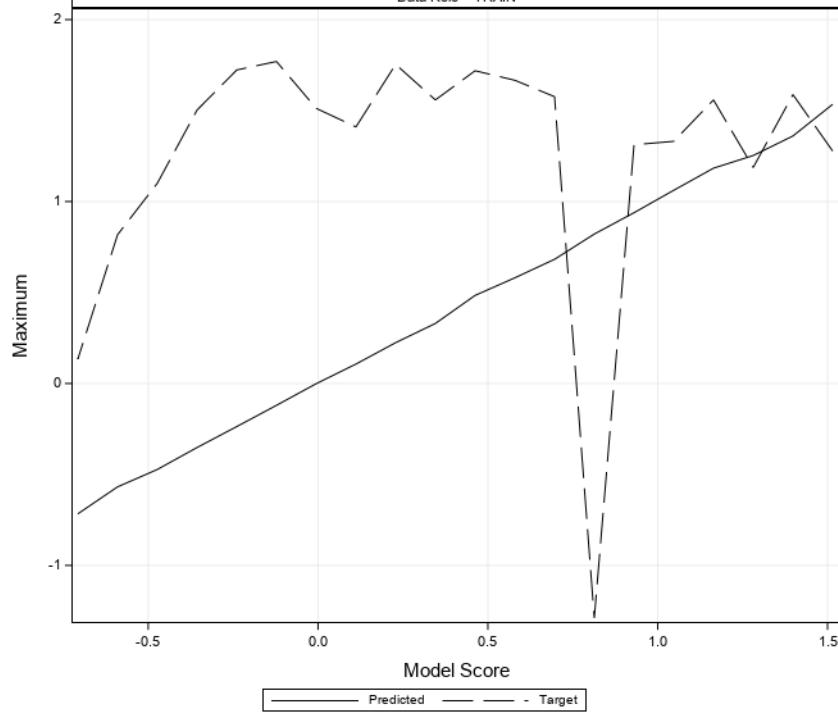


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(\_fold\_=5)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(\_fold\_=6)

Data Role = TRAIN

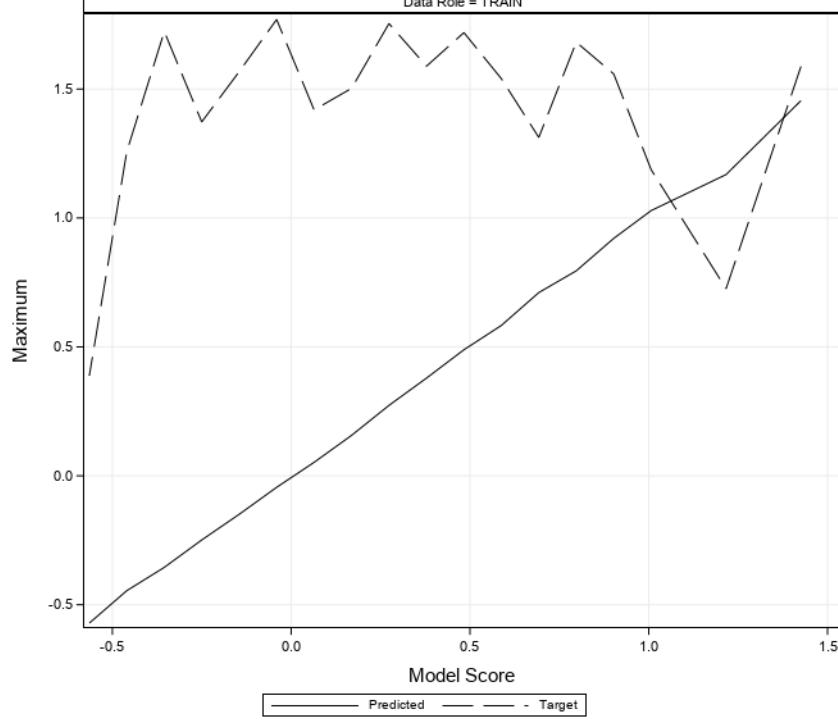


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(fold\_=6)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=HP Regression LASSO

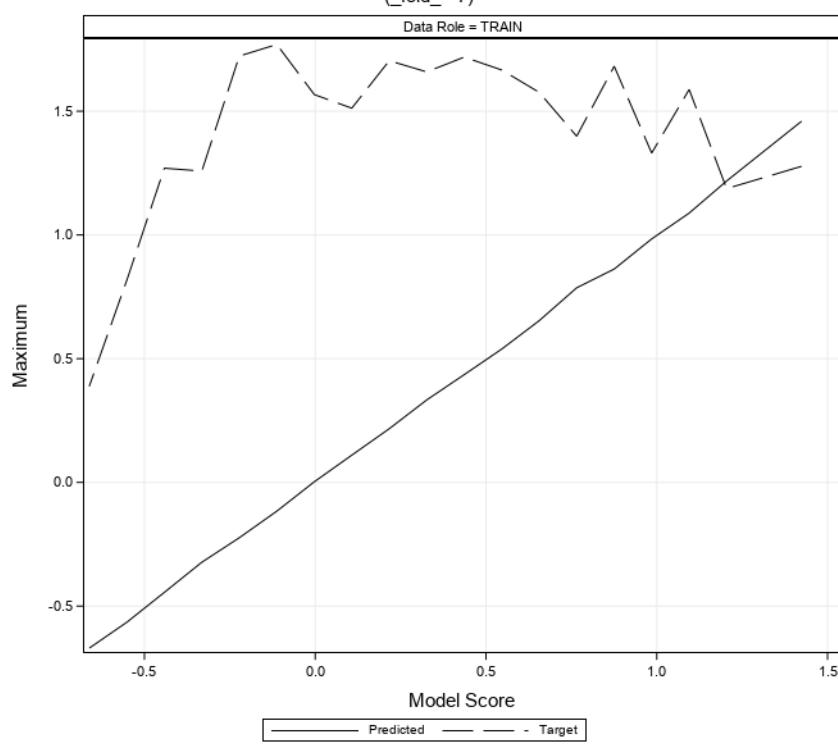
Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(fold\_=7)

Data Role = TRAIN



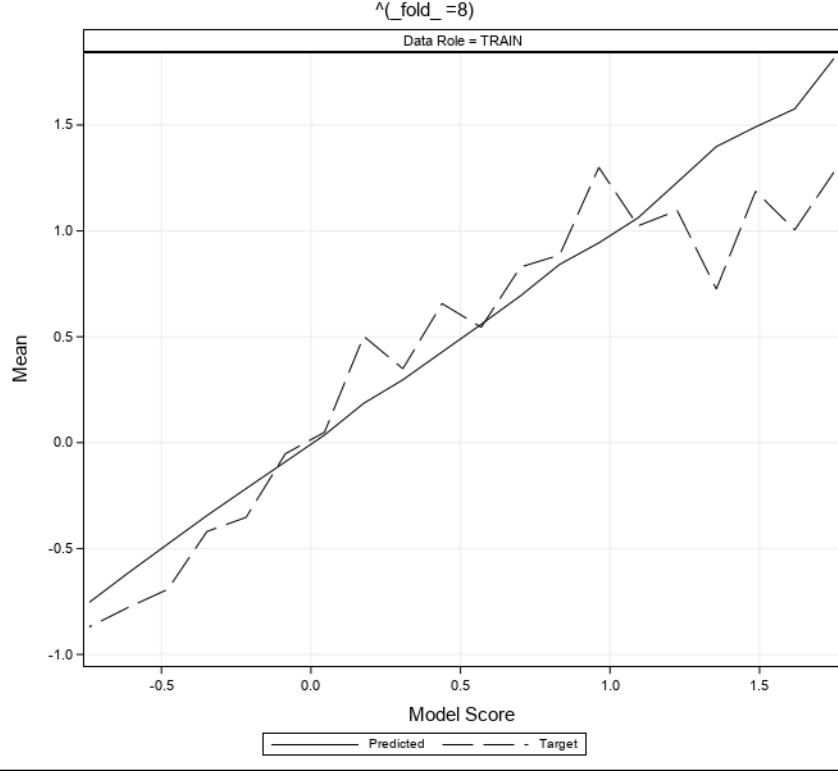
### SAS Enterprise Miner Report

Node=HP Regression LASSO  
 Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
 $\wedge(\text{fold}_\text{=}7)$



### SAS Enterprise Miner Report

Node=HP Regression LASSO  
 Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
 $\wedge(\text{fold}_\text{=}8)$

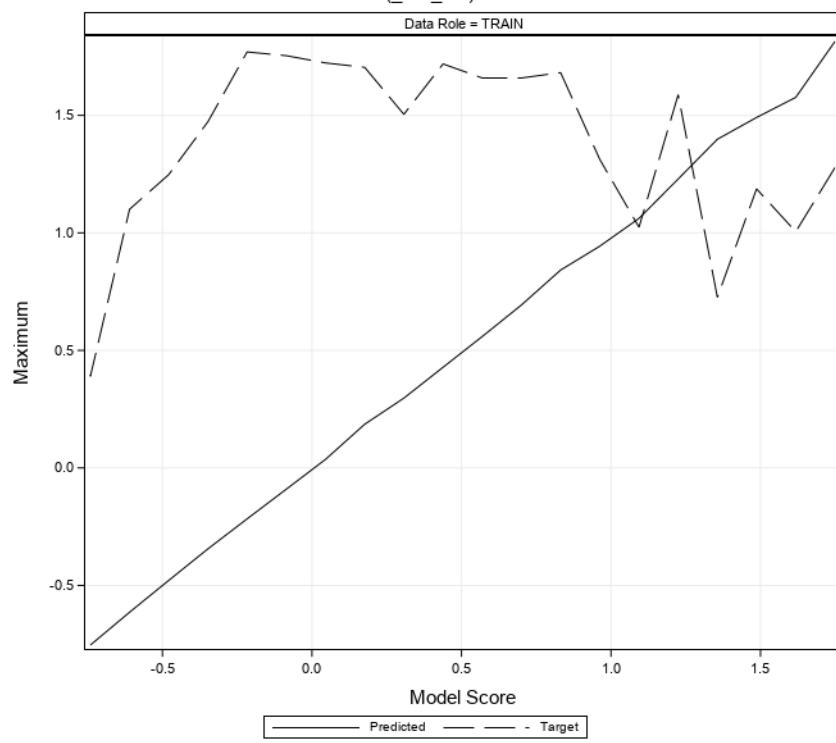


### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
^(\_fold\_=8)

Data Role = TRAIN



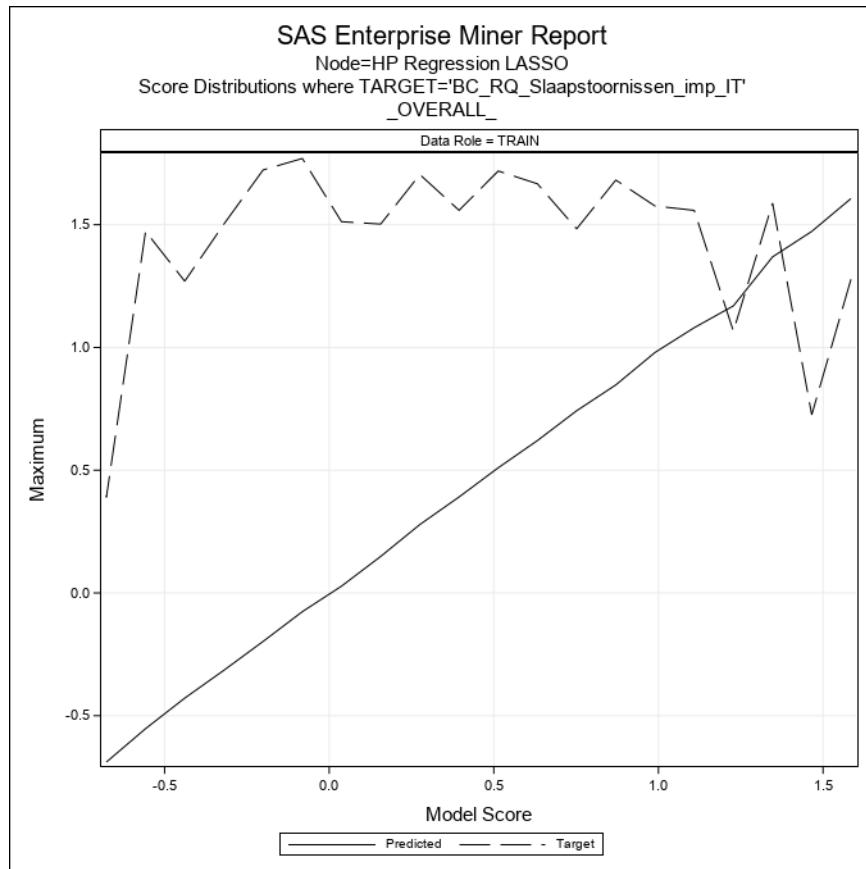
### SAS Enterprise Miner Report

Node=HP Regression LASSO

Score Distributions where TARGET=BC\_RQ\_Slaapstoornissen\_imp\_IT  
\_OVERALL\_

Data Role = TRAIN





### **Node=HP Regression LASSO**

#### **Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.923 - 2.072	2.07183	2.07183	2.07183	1.27739	1.27739	1.27739
1.625 - 1.774	1.70289	1.76156	1.64422	1.09607	1.18714	1.00501
1.327 - 1.476	1.42835	1.46041	1.38796	0.93855	1.06602	0.72559
1.178 - 1.327	1.23115	1.32145	1.18213	1.27319	1.58775	0.63431
1.029 - 1.178	1.07905	1.11452	1.04327	1.06831	1.48303	0.53499
0.880 - 1.029	0.96012	1.00074	0.91850	0.99534	1.68187	-0.43832
0.731 - 0.880	0.78125	0.80200	0.75801	0.58654	1.44567	-1.15607
0.582 - 0.731	0.63488	0.68749	0.58251	1.24108	1.66657	0.02169
0.433 - 0.582	0.50399	0.58144	0.43628	0.34193	1.54020	-1.28949
0.284 - 0.433	0.33692	0.43065	0.28550	0.59125	1.71877	-1.28949
0.135 - 0.284	0.22063	0.28292	0.15030	0.33556	1.70423	-1.28949
-0.014 - 0.135	0.05611	0.13276	-0.01137	0.33605	1.40996	-1.28949
-0.163 - -0.014	-0.09189	-0.01405	-0.16224	-0.13077	1.75390	-1.28949
-0.312 - -0.163	-0.23411	-0.16459	-0.30976	-0.15218	1.76974	-1.28949
-0.461 - -0.312	-0.38108	-0.32037	-0.45219	-0.62998	1.25802	-1.28949
-0.610 - -0.461	-0.53095	-0.46855	-0.59369	-0.76108	0.96579	-1.28949
-0.759 - -0.610	-0.67483	-0.61473	-0.74062	-0.75410	1.10033	-1.28949
-0.908 - -0.759	-0.83353	-0.77430	-0.90784	-0.89352	0.38961	-1.28949

### **Node=HP Regression LASSO**

#### **Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.486 - 1.604	1.56966	1.60408	1.53524	1.14120	1.27739	1.00501
1.251 - 1.369	1.27263	1.27263	1.27263	1.18714	1.18714	1.18714
1.134 - 1.251	1.19533	1.20261	1.18806	0.89581	1.06602	0.72559
1.016 - 1.134	1.05615	1.05795	1.05435	0.98258	1.33085	0.63431
0.898 - 1.016	0.97524	1.00972	0.94375	0.62445	1.28763	-0.43832
0.781 - 0.898	0.85073	0.88868	0.81279	0.01138	1.31225	-1.28949
0.663 - 0.781	0.71789	0.77558	0.66554	0.82658	1.68187	-1.28949
0.546 - 0.663	0.59578	0.66090	0.57192	0.89426	1.65900	-0.56265
0.428 - 0.546	0.48560	0.54483	0.42814	0.52937	1.58841	-1.28949
0.310 - 0.428	0.35997	0.41932	0.31117	0.47278	1.66657	-1.28949
0.193 - 0.310	0.24745	0.30745	0.19611	0.69842	1.75390	-1.28949
0.075 - 0.193	0.13409	0.19234	0.07542	0.31662	1.70423	-1.28949
-0.042 - 0.075	0.01751	0.07497	-0.03648	0.00297	1.76974	-1.28949
-0.160 - -0.042	-0.10589	-0.04697	-0.15779	-0.37720	1.28019	-1.28949
-0.278 - -0.160	-0.22196	-0.16337	-0.27732	-0.17385	1.47303	-1.28949
-0.395 - -0.278	-0.32673	-0.28182	-0.38326	-0.38003	1.50263	-1.28949
-0.513 - -0.395	-0.44546	-0.39874	-0.51039	-0.62012	1.24789	-1.28949
-0.630 - -0.513	-0.54866	-0.51626	-0.60038	-1.06628	-0.22210	-1.28949
-0.748 - -0.630	-0.68135	-0.63269	-0.74803	-0.69306	0.38961	-1.28949

## Node=HP Regression LASSO Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.516 - 1.640	1.58028	1.63968	1.52088	1.23227	1.27739	1.18714
1.393 - 1.516	1.47267	1.47267	1.47267	0.72559	0.72559	0.72559
1.269 - 1.393	1.37039	1.37039	1.37039	0.63431	0.63431	0.63431
1.146 - 1.269	1.19052	1.19052	1.19052	1.58775	1.58775	1.58775
1.023 - 1.146	1.10190	1.10265	1.10116	0.13449	1.55847	-1.28949
0.899 - 1.023	0.96559	1.01586	0.92020	0.78229	1.33085	-0.43832
0.776 - 0.899	0.83505	0.89515	0.77756	1.20157	1.68187	0.53499
0.652 - 0.776	0.71549	0.77205	0.67039	0.56035	1.57618	-1.15607
0.529 - 0.652	0.57204	0.63031	0.54216	0.94059	1.65900	-0.56265
0.405 - 0.529	0.47547	0.52839	0.41184	0.53976	1.58841	-1.28949
0.282 - 0.405	0.33160	0.39390	0.28320	0.52132	1.65891	-1.15607
0.159 - 0.282	0.21174	0.27355	0.16881	0.27989	1.70423	-1.28949
0.035 - 0.159	0.09535	0.14789	0.03927	0.38896	1.75390	-1.28949
-0.088 - 0.035	-0.03287	0.03081	-0.08812	-0.09950	1.72302	-1.28949
-0.212 - -0.088	-0.14532	-0.08936	-0.20162	-0.19126	1.56738	-1.28949
-0.335 - -0.212	-0.27299	-0.21210	-0.33462	-0.25363	1.76974	-1.28949
-0.459 - -0.335	-0.38720	-0.33824	-0.45616	-0.46544	1.47303	-1.28949
-0.582 - -0.459	-0.52531	-0.46621	-0.57989	-0.79335	1.10033	-1.28949
-0.705 - -0.582	-0.64067	-0.58670	-0.68908	-1.00089	0.38961	-1.28949
-0.829 - -0.705	-0.75907	-0.71890	-0.82881	-0.81501	0.13394	-1.28949

## Node=HP Regression LASSO Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.455 - 1.570	1.57028	1.57028	1.57028	1.00501	1.00501	1.00501
1.224 - 1.340	1.25892	1.26720	1.24578	0.98255	1.58775	0.63431
1.109 - 1.224	1.16507	1.22267	1.12158	1.20892	1.55847	1.02403
0.994 - 1.109	1.00234	1.00234	1.00234	-1.28949	-1.28949	-1.28949
0.878 - 0.994	0.94058	0.99356	0.89109	0.95155	1.68187	-0.43832
0.763 - 0.878	0.80057	0.81683	0.78432	1.15985	1.39890	0.92080
0.648 - 0.763	0.69386	0.74443	0.65082	0.79438	1.54020	-1.15607
0.532 - 0.648	0.59851	0.63231	0.54526	0.51982	1.65900	-1.28949
0.417 - 0.532	0.47141	0.52919	0.41888	0.78948	1.66657	-1.28949
0.302 - 0.417	0.35052	0.41472	0.30800	0.52533	1.71877	-1.28949
0.186 - 0.302	0.23819	0.30033	0.18735	0.40951	1.70423	-1.28949
0.071 - 0.186	0.12373	0.18324	0.07293	0.21583	1.75390	-1.28949
-0.044 - 0.071	0.01425	0.06881	-0.04113	0.09738	1.51224	-1.28949
-0.160 - -0.044	-0.10654	-0.04527	-0.15625	-0.21880	1.76974	-1.28949
-0.275 - -0.160	-0.22385	-0.16005	-0.27226	-0.16711	1.72302	-1.28949
-0.390 - -0.275	-0.33162	-0.27520	-0.39004	-0.37809	1.26982	-1.28949
-0.506 - -0.390	-0.44771	-0.39413	-0.50081	-0.85376	1.24789	-1.28949
-0.621 - -0.506	-0.55201	-0.50589	-0.62052	-0.76889	1.10033	-1.28949
-0.736 - -0.621	-0.68117	-0.64886	-0.73636	-0.66535	0.38961	-1.28949

## Node=HP Regression LASSO Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.457 - 1.574	1.53436	1.57358	1.49515	1.14120	1.27739	1.00501
1.340 - 1.457	1.36030	1.36736	1.35325	1.15667	1.58775	0.72559
1.223 - 1.340	1.25288	1.25288	1.25288	1.18714	1.18714	1.18714
1.106 - 1.223	1.18321	1.18321	1.18321	1.55847	1.55847	1.55847
0.989 - 1.106	1.06188	1.07070	1.05306	0.98258	1.33085	0.63431
0.872 - 0.989	0.93859	0.96771	0.90037	0.74412	1.31225	-0.43832
0.755 - 0.872	0.82123	0.82123	0.82123	-1.28949	-1.28949	-1.28949
0.638 - 0.755	0.68250	0.73971	0.64302	0.87368	1.57618	-1.15607
0.521 - 0.638	0.58069	0.62839	0.52375	0.72513	1.66657	-1.28949
0.404 - 0.521	0.48403	0.51712	0.41712	0.76069	1.71877	-1.28949
0.287 - 0.404	0.32988	0.39817	0.29153	0.19130	1.55847	-1.28949
0.170 - 0.287	0.22435	0.28620	0.17475	0.61826	1.75390	-1.28949
0.053 - 0.170	0.10659	0.16394	0.05629	0.28424	1.40996	-1.28949
-0.064 - 0.053	-0.00110	0.04926	-0.06202	-0.10966	1.51224	-1.28949
-0.181 - -0.064	-0.12018	-0.06413	-0.17246	-0.28027	1.76974	-1.28949
-0.298 - -0.181	-0.23694	-0.18180	-0.29715	-0.14328	1.72302	-1.28949
-0.415 - -0.298	-0.35211	-0.29805	-0.41223	-0.39750	1.50263	-1.28949
-0.532 - -0.415	-0.47276	-0.41567	-0.53003	-0.77309	1.10033	-1.28949
-0.649 - -0.532	-0.56824	-0.53720	-0.62787	-0.92500	0.81745	-1.28949
-0.766 - -0.649	-0.71649	-0.67037	-0.76570	-0.81501	0.13394	-1.28949

## Node=HP Regression LASSO Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.373 - 1.478	1.45505	1.47809	1.43202	1.29638	1.58775	1.00501
1.164 - 1.269	1.16826	1.16826	1.16826	0.72559	0.72559	0.72559
0.954 - 1.059	1.02856	1.02856	1.02856	1.18714	1.18714	1.18714
0.850 - 0.954	0.92070	0.95362	0.89465	0.58482	1.55847	-0.43832
0.745 - 0.850	0.79488	0.84714	0.74965	0.84204	1.68187	-0.02880
0.640 - 0.745	0.71060	0.73941	0.67684	0.35899	1.31225	-1.15607
0.535 - 0.640	0.58305	0.61668	0.54332	0.56995	1.54020	-1.28949
0.431 - 0.535	0.48878	0.53458	0.43631	0.75791	1.71877	-1.28949
0.326 - 0.431	0.37871	0.42731	0.32955	0.75287	1.58841	-1.28949
0.221 - 0.326	0.27315	0.32285	0.22613	0.52865	1.75390	-1.28949
0.116 - 0.221	0.15677	0.20586	0.11760	0.18541	1.50263	-1.28949
0.012 - 0.116	0.05216	0.11457	0.01182	0.14781	1.41905	-1.28949
-0.093 - 0.012	-0.04473	0.00459	-0.08970	0.01738	1.76974	-1.28949
-0.198 - -0.093	-0.14934	-0.09559	-0.19680	-0.33967	1.56738	-1.28949
-0.303 - -0.198	-0.24888	-0.19841	-0.29610	-0.16558	1.37243	-1.28949
-0.407 - -0.303	-0.35518	-0.30503	-0.40605	-0.57435	1.72302	-1.28949
-0.512 - -0.407	-0.44538	-0.40962	-0.51050	-0.69593	1.25802	-1.28949
-0.617 - -0.512	-0.57121	-0.51443	-0.61674	-0.94476	0.38961	-1.28949

### Node=HP Regression LASSO

#### Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.369 - 1.479	1.45966	1.47897	1.44034	1.14120	1.27739	1.00501
1.150 - 1.259	1.21806	1.22051	1.21561	0.95637	1.18714	0.72559
1.040 - 1.150	1.08819	1.11229	1.04376	1.21164	1.58775	0.63431
0.930 - 1.040	0.98392	1.00519	0.97082	0.63885	1.33085	-0.43832
0.820 - 0.930	0.86202	0.87797	0.84929	1.42725	1.68187	1.28763
0.711 - 0.820	0.78643	0.81162	0.73961	0.21480	1.39890	-1.28949
0.601 - 0.711	0.65351	0.69196	0.60913	0.45805	1.57618	-1.15607
0.491 - 0.601	0.53875	0.58132	0.49470	0.36602	1.66657	-1.28949
0.381 - 0.491	0.43542	0.48661	0.38888	0.79640	1.71877	-1.28949
0.272 - 0.381	0.33322	0.38114	0.27462	0.56536	1.65891	-1.28949
0.162 - 0.272	0.21687	0.26857	0.16227	0.69179	1.70423	-1.28949
0.052 - 0.162	0.10995	0.16094	0.05518	0.21033	1.51224	-1.28949
-0.058 - 0.052	0.00234	0.04503	-0.05610	-0.20382	1.56738	-1.28949
-0.167 - -0.058	-0.11633	-0.05901	-0.15920	-0.11742	1.76974	-1.28949
-0.277 - -0.167	-0.22375	-0.17048	-0.27598	-0.01659	1.72302	-1.28949
-0.387 - -0.277	-0.32273	-0.27979	-0.38586	-0.63138	1.25802	-1.28949
-0.497 - -0.387	-0.44456	-0.39288	-0.49257	-0.64596	1.26982	-1.28949
-0.606 - -0.497	-0.56517	-0.50145	-0.60357	-0.83707	0.81745	-1.28949
-0.716 - -0.606	-0.66970	-0.62970	-0.71615	-0.51386	0.38961	-1.28949

### Node=HP Regression LASSO

#### Score Distributions

Group=\_fold\_=8 Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.683 - 1.814	1.81431	1.81431	1.81431	1.27739	1.27739	1.27739
1.552 - 1.683	1.57648	1.57648	1.57648	1.00501	1.00501	1.00501
1.421 - 1.552	1.49101	1.49101	1.49101	1.18714	1.18714	1.18714
1.290 - 1.421	1.39829	1.39829	1.39829	0.72559	0.72559	0.72559
1.159 - 1.290	1.22925	1.25461	1.18936	1.09603	1.58775	0.63431
1.028 - 1.159	1.06166	1.06166	1.06166	1.02403	1.02403	1.02403
0.897 - 1.028	0.94344	0.95346	0.93341	1.29994	1.31225	1.28763
0.766 - 0.897	0.84176	0.89512	0.76759	0.88618	1.68187	-1.28949
0.635 - 0.766	0.69318	0.75950	0.63893	0.82928	1.65900	-1.15607
0.504 - 0.635	0.55903	0.60366	0.51295	0.54496	1.65891	-1.28949
0.373 - 0.504	0.42816	0.48530	0.37457	0.65675	1.71877	-1.28949
0.242 - 0.373	0.29693	0.37241	0.24472	0.34918	1.50424	-1.28949
0.111 - 0.242	0.18567	0.24094	0.11222	0.50237	1.70423	-1.28949
-0.020 - 0.111	0.03623	0.10751	-0.01907	0.04929	1.72302	-1.28949
-0.151 - -0.020	-0.09052	-0.02039	-0.15116	-0.05263	1.75390	-1.28949
-0.282 - -0.151	-0.21677	-0.15384	-0.27860	-0.35256	1.76974	-1.28949
-0.413 - -0.282	-0.34442	-0.28657	-0.41254	-0.41952	1.47303	-1.28949
-0.544 - -0.413	-0.47864	-0.42755	-0.53912	-0.69290	1.24789	-1.28949
-0.675 - -0.544	-0.61408	-0.55452	-0.66894	-0.77741	1.10033	-1.28949
-0.806 - -0.675	-0.75385	-0.73044	-0.80647	-0.86971	0.38961	-1.28949

## Node=HP Regression LASSO Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.525 - 1.644	1.60638	1.64422	1.53524	1.15651	1.27739	1.00501
1.406 - 1.525	1.47267	1.47267	1.47267	0.72559	0.72559	0.72559
1.287 - 1.406	1.36888	1.37039	1.36736	1.11103	1.58775	0.63431
1.168 - 1.287	1.16925	1.16925	1.16925	1.06602	1.06602	1.06602
1.049 - 1.168	1.08038	1.10771	1.05306	1.44466	1.55847	1.33085
0.930 - 1.049	0.97955	0.99053	0.96771	0.67422	1.57618	-0.43832
0.811 - 0.930	0.84742	0.89860	0.81279	0.69024	1.68187	-1.28949
0.692 - 0.811	0.74208	0.78432	0.69297	0.78493	1.48303	-1.15607
0.573 - 0.692	0.62076	0.68613	0.57560	0.65116	1.66657	-1.28949
0.454 - 0.573	0.50991	0.56151	0.45521	0.65899	1.71877	-1.28949
0.335 - 0.454	0.39094	0.44831	0.34083	0.64835	1.55847	-1.28949
0.216 - 0.335	0.27868	0.33235	0.21685	0.52673	1.70423	-1.28949
0.097 - 0.216	0.14871	0.21136	0.09716	0.20523	1.50263	-1.28949
-0.022 - 0.097	0.02764	0.09508	-0.02200	-0.02707	1.51224	-1.28949
-0.141 - -0.022	-0.07638	-0.02354	-0.13533	-0.24520	1.76974	-1.28949
-0.260 - -0.141	-0.19744	-0.14821	-0.25874	-0.08807	1.72302	-1.28949
-0.379 - -0.260	-0.31488	-0.26055	-0.37791	-0.38698	1.50263	-1.28949
-0.498 - -0.379	-0.42837	-0.38010	-0.49257	-0.61298	1.26982	-1.28949
-0.617 - -0.498	-0.55283	-0.50098	-0.61414	-0.74321	1.47303	-1.28949
-0.736 - -0.617	-0.68897	-0.65861	-0.73636	-0.73081	0.38961	-1.28949

## Node=HP Regression LASSO Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	344
2	^(fold_=2)	346
3	^(fold_=3)	340
4	^(fold_=4)	345
5	^(fold_=5)	340
6	^(fold_=6)	350
7	^(fold_=7)	334
8	^(fold_=8)	352

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp9  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp9 => HPReg4 => EndGrp9  
 Notes =

### Node=End Groups Properties

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

### Node=End Groups Variable Summary

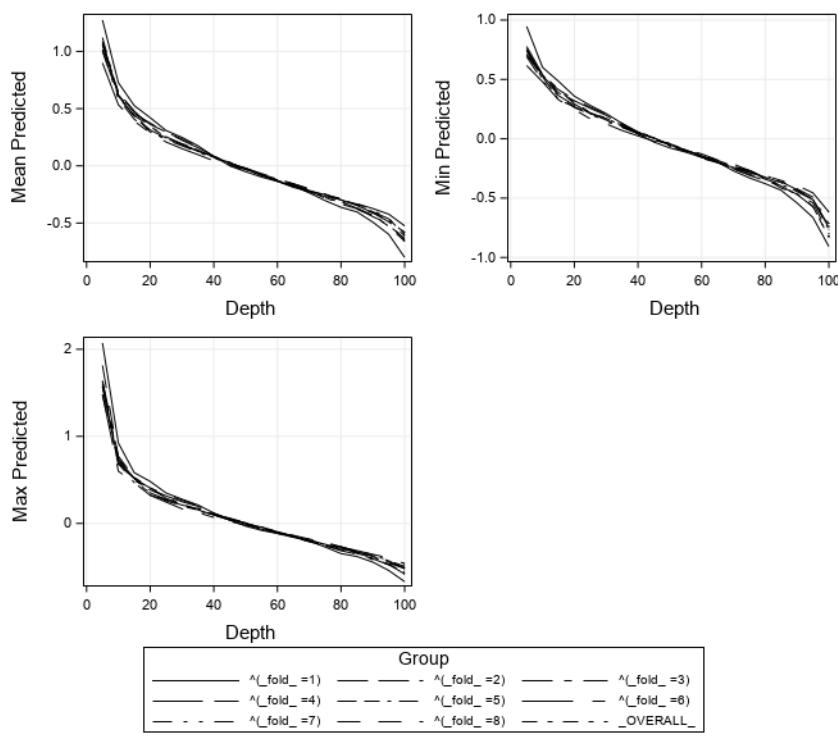
Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	12	ASItot_imp_IT BAQtot_imp_IT IAS_illness_behav_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT PASStot_imp_IT PCCLint_imp_IT PHQ9dep_imp_IT PTSDtotaal_imp_IT TOTAL_nr_XVAL_	
INPUT	NOMINAL	1	classification	

Group Index	Group	ModelId	Train: Target Variable	Train: Average Squared Error		Train: Divisor for ASE		Train: Maximum Absolute Error		Train: Sum of Frequencies		Train: Root Squared Error		Train: Sum of Squared Errors		Target Label
				Train:	Average Squared Error	Train:	Divisor for ASE	Train:	Maximum Absolute Error	Train:	Sum of Frequencies	Train:	Root Squared Error	Train:	Sum of Squared Errors	
1	^(fold_=1)	HPReg4	BC_RQ_Slaapstoornissen_imp_IT	0.73429	355	2.07537		355	0.85691	260.672	ReQuest (sleep subscale) (Box-Cox transformed)					
2	^(fold_=2)	HPReg4	BC_RQ_Slaapstoornissen_imp_IT	0.77744	347	2.10227		347	0.88173	269.772	ReQuest (sleep subscale) (Box-Cox transformed)					
3	^(fold_=3)	HPReg4	BC_RQ_Slaapstoornissen_imp_IT	0.78544	334	2.39065		334	0.88625	262.339	ReQuest (sleep subscale) (Box-Cox transformed)					
4	^(fold_=4)	HPReg4	BC_RQ_Slaapstoornissen_imp_IT	0.79321	341	2.29183		341	0.89062	270.483	ReQuest (sleep subscale) (Box-Cox transformed)					
5	^(fold_=5)	HPReg4	BC_RQ_Slaapstoornissen_imp_IT	0.79241	340	2.11072		340	0.89018	269.420	ReQuest (sleep subscale) (Box-Cox transformed)					
6	^(fold_=6)	HPReg4	BC_RQ_Slaapstoornissen_imp_IT	0.81049	347	2.09406		347	0.90027	281.240	ReQuest (sleep subscale) (Box-Cox transformed)					
7	^(fold_=7)	HPReg4	BC_RQ_Slaapstoornissen_imp_IT	0.77319	346	2.10111		346	0.87931	267.522	ReQuest (sleep subscale) (Box-Cox transformed)					
8	^(fold_=8)	HPReg4	BC_RQ_Slaapstoornissen_imp_IT	0.76273	345	2.14484		345	0.87334	263.141	ReQuest (sleep subscale) (Box-Cox transformed)					
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	0.79117	393	2.11072		393	0.88948	310.931	ReQuest (sleep subscale) (Box-Cox transformed)					

### SAS Enterprise Miner Report

Node=End Groups

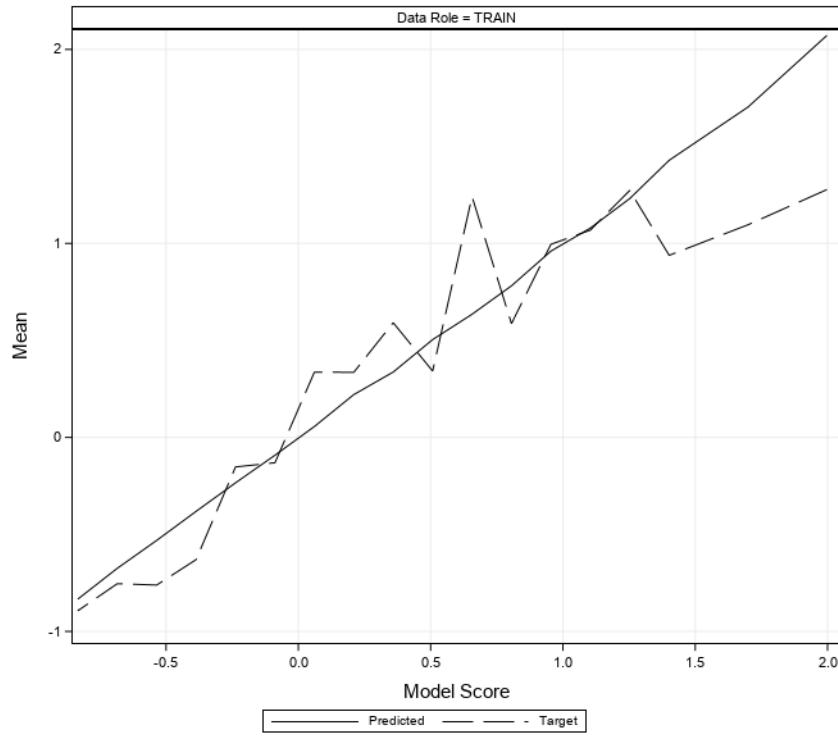
Multiple Model Assessment Scores where DataRole=TRAIN  
TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 ${}^{\wedge}(\text{fold}_\text{=}1)$

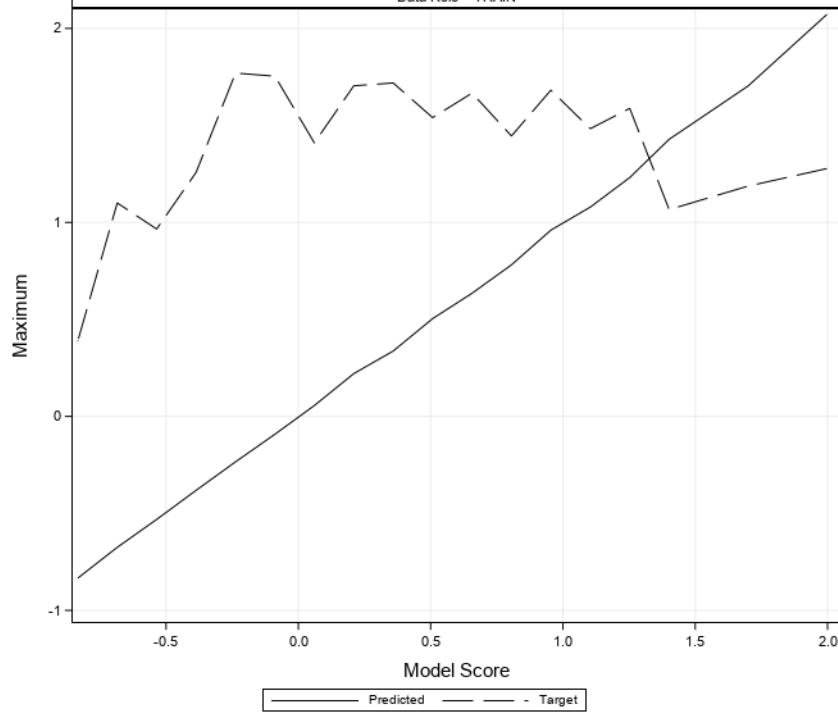


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=1)

Data Role = TRAIN

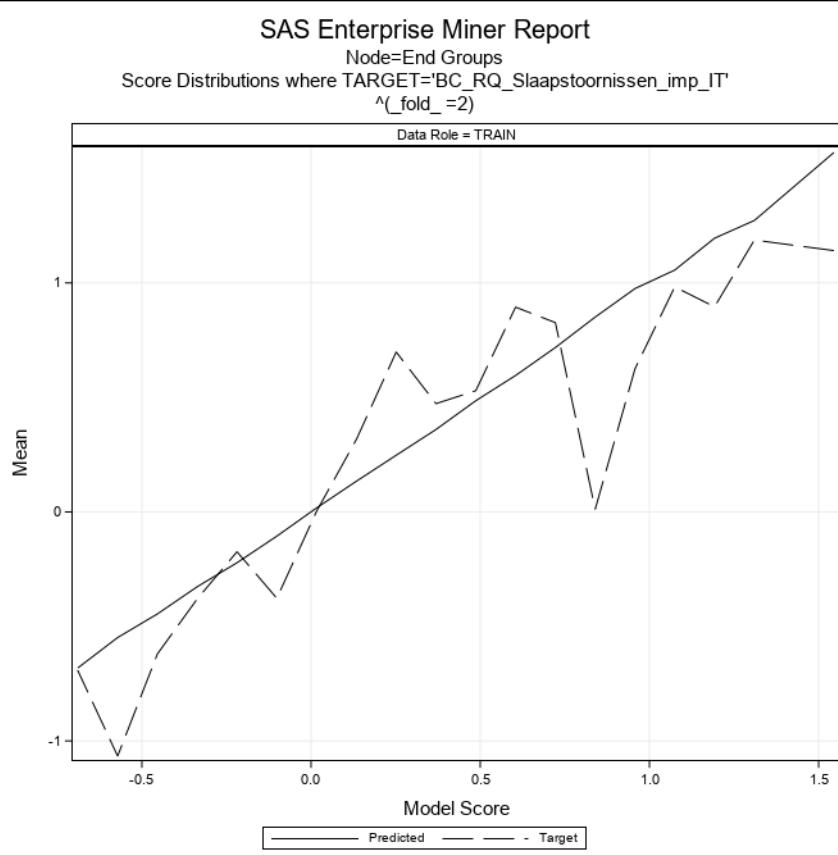


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

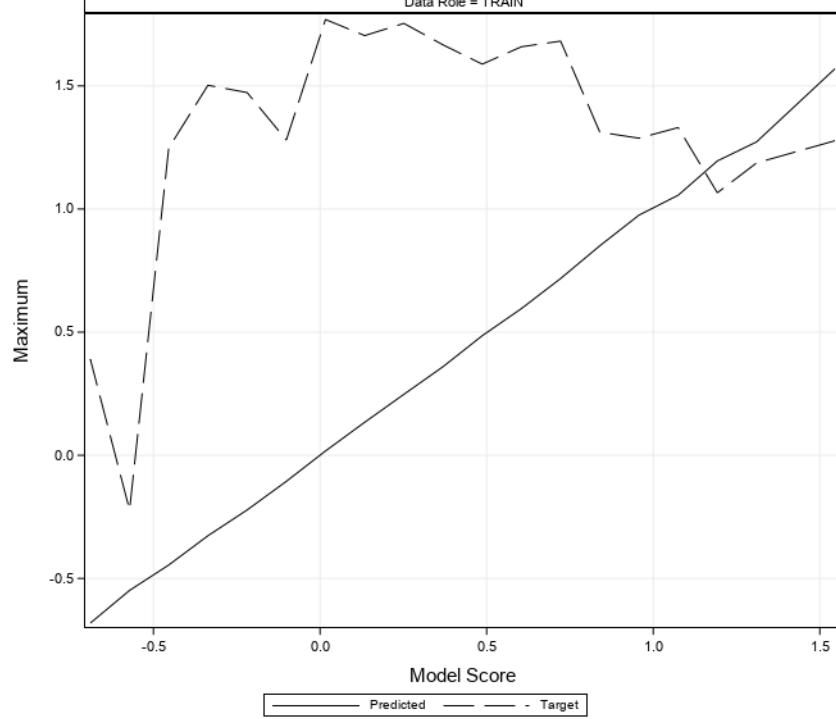


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN



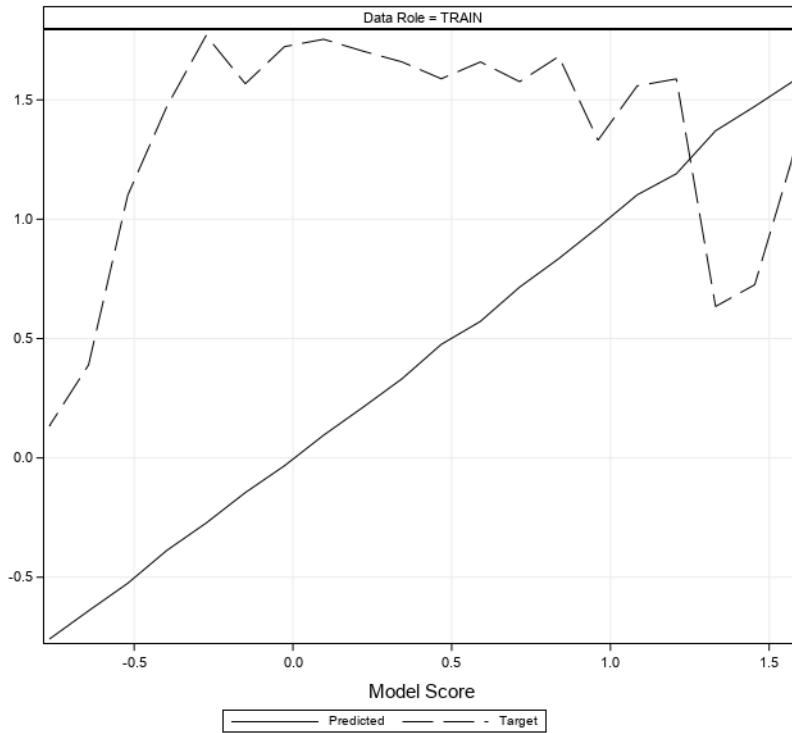
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

Maximum



Model Score  
—— Predicted —— - Target

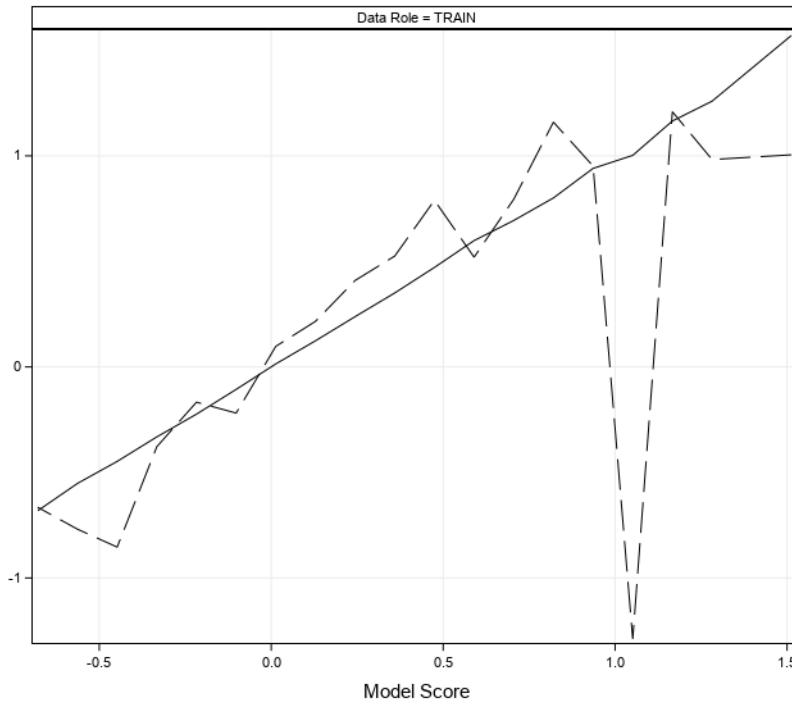
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

Mean



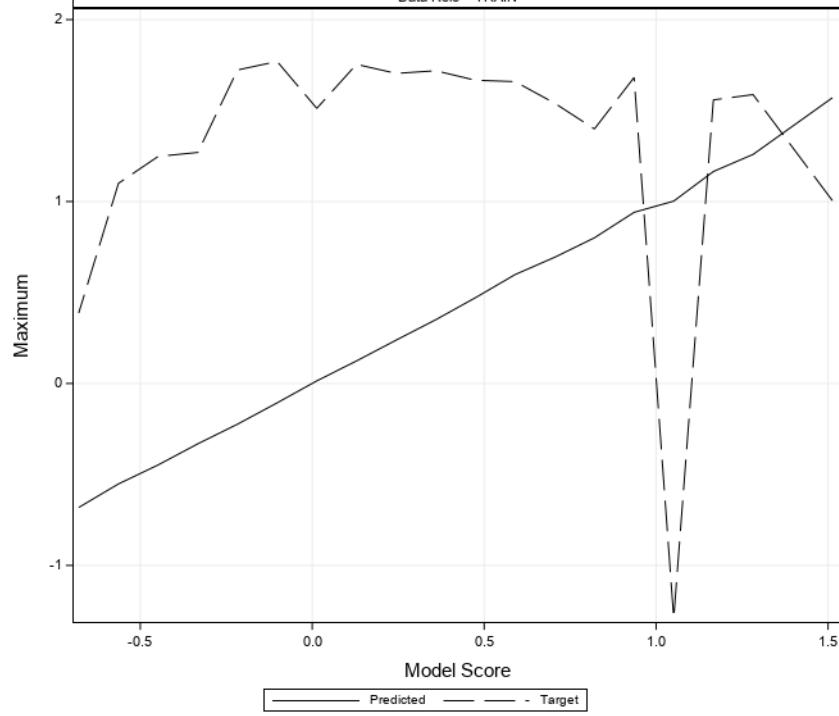
Model Score  
—— Predicted —— - Target

### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

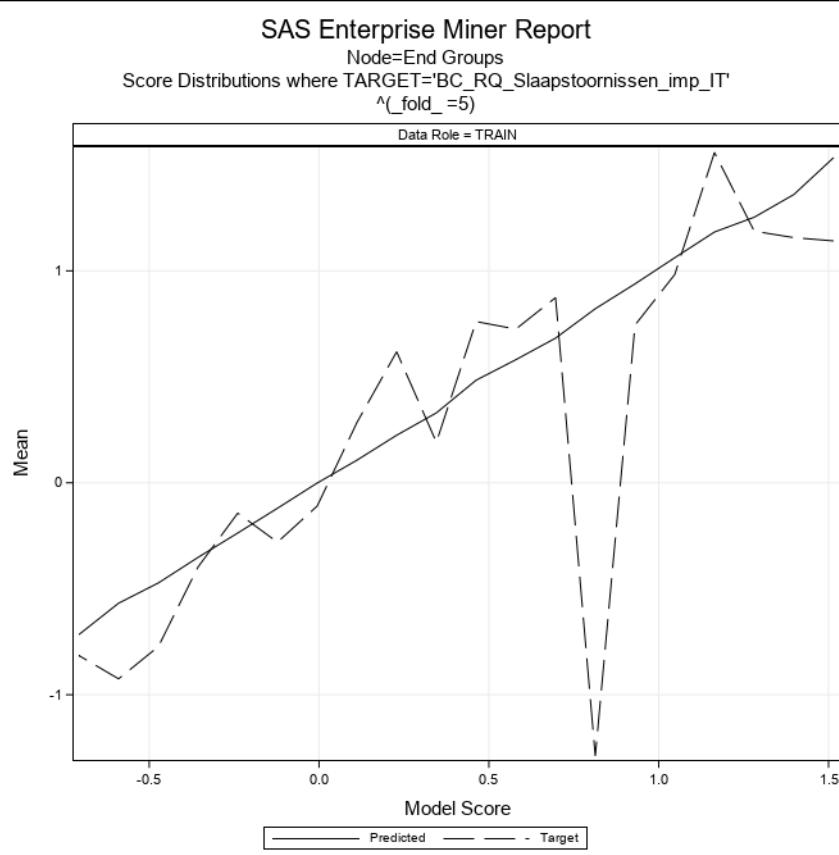


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

Data Role = TRAIN

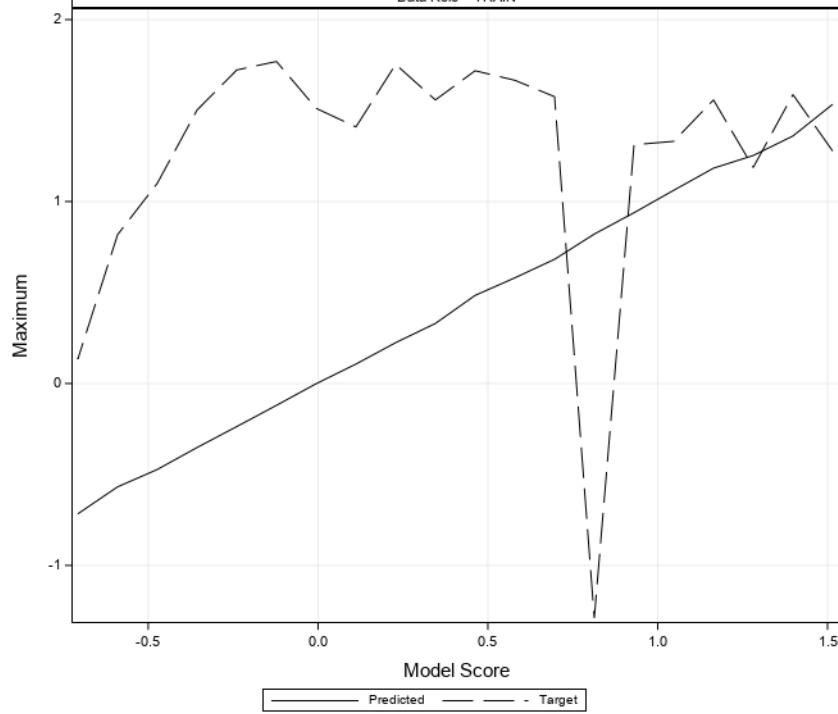


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

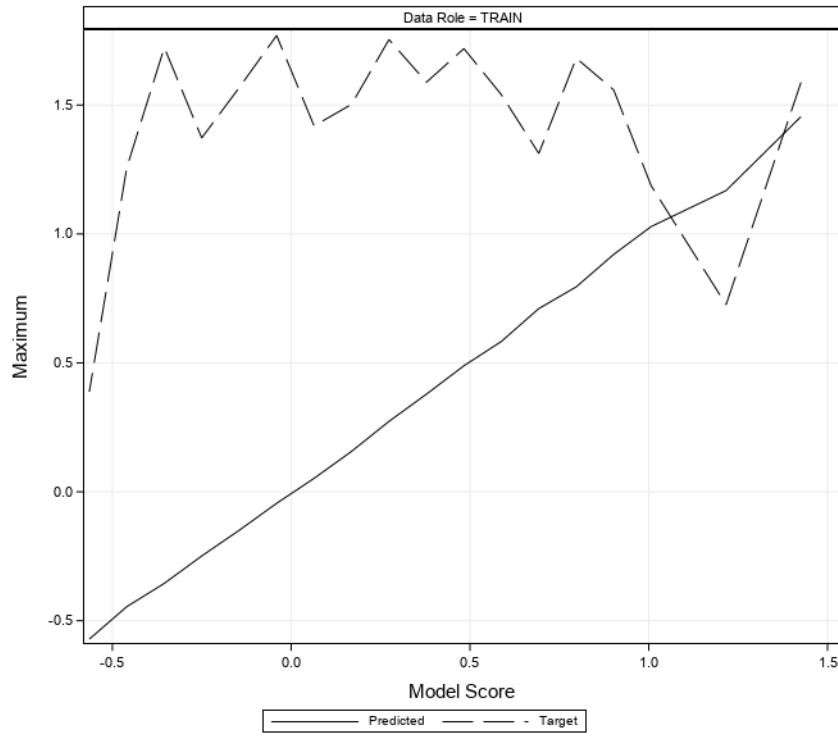


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

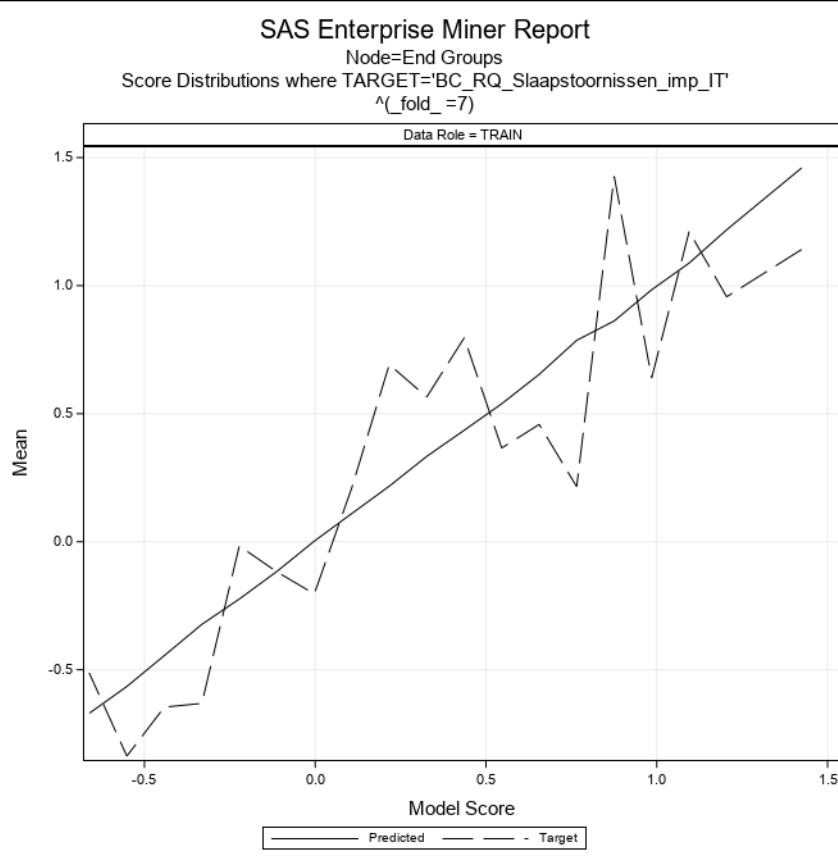


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

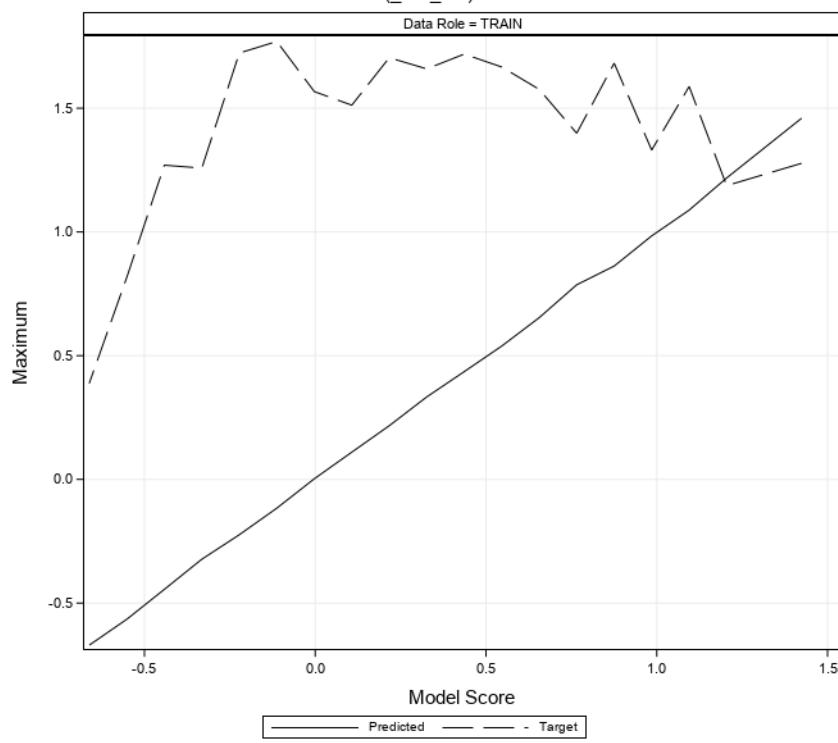


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=8)

Data Role = TRAIN

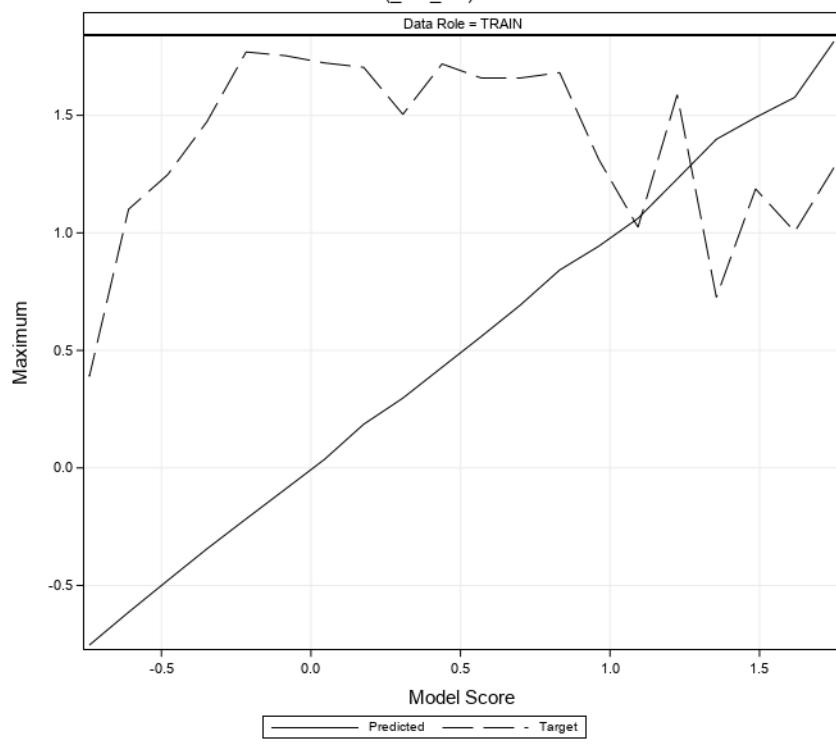


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

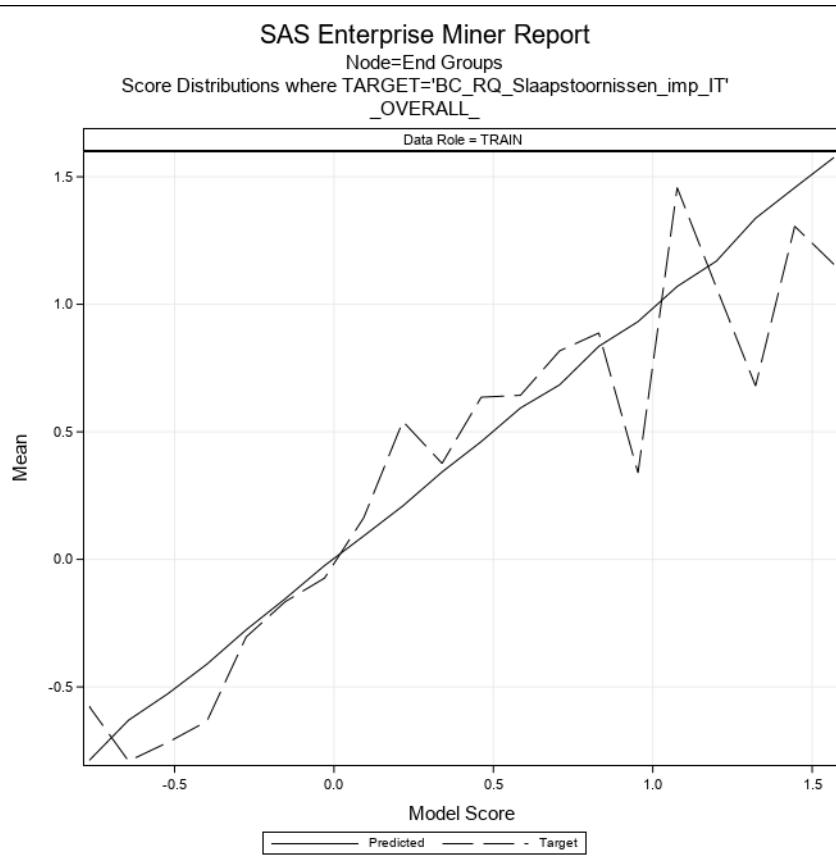


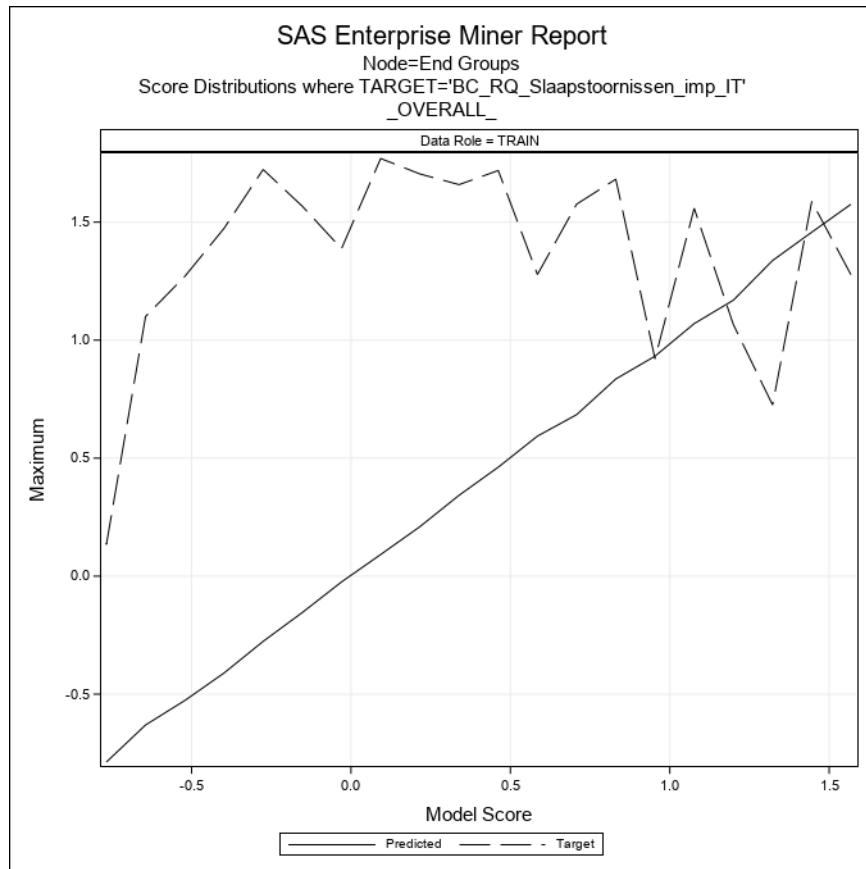
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=End Groups Score Distributions**

Group=<sup>^</sup>(fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.923 - 2.072	2.07183	2.07183	2.07183	1.27739	1.27739	1.27739
1.625 - 1.774	1.70289	1.76156	1.64422	1.09607	1.18714	1.00501
1.327 - 1.476	1.42835	1.46041	1.38796	0.93855	1.06602	0.72559
1.178 - 1.327	1.23115	1.32145	1.18213	1.27319	1.58775	0.63431
1.029 - 1.178	1.07905	1.11452	1.04327	1.06831	1.48303	0.53499
0.880 - 1.029	0.96012	1.00074	0.91850	0.99534	1.68187	-0.43832
0.731 - 0.880	0.78125	0.80200	0.75801	0.58654	1.44567	-1.15607
0.582 - 0.731	0.63488	0.68749	0.58251	1.24108	1.66657	0.02169
0.433 - 0.582	0.50399	0.58144	0.43628	0.34193	1.54020	-1.28949
0.284 - 0.433	0.33692	0.43065	0.28550	0.59125	1.71877	-1.28949
0.135 - 0.284	0.22063	0.28292	0.15030	0.33556	1.70423	-1.28949
-0.014 - 0.135	0.05611	0.13276	-0.01137	0.33605	1.40996	-1.28949
-0.163 - -0.014	-0.09189	-0.01405	-0.16224	-0.13077	1.75390	-1.28949
-0.312 - -0.163	-0.23411	-0.16459	-0.30976	-0.15218	1.76974	-1.28949
-0.461 - -0.312	-0.38108	-0.32037	-0.45219	-0.62998	1.25802	-1.28949
-0.610 - -0.461	-0.53095	-0.46855	-0.59369	-0.76108	0.96579	-1.28949
-0.759 - -0.610	-0.67483	-0.61473	-0.74062	-0.75410	1.10033	-1.28949
-0.908 - -0.759	-0.83353	-0.77430	-0.90784	-0.89352	0.38961	-1.28949

### **Node=End Groups Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.486 - 1.604	1.56966	1.60408	1.53524	1.14120	1.27739	1.00501
1.251 - 1.369	1.27263	1.27263	1.27263	1.18714	1.18714	1.18714
1.134 - 1.251	1.19533	1.20261	1.18806	0.89581	1.06602	0.72559
1.016 - 1.134	1.05615	1.05795	1.05435	0.98258	1.33085	0.63431
0.898 - 1.016	0.97524	1.00972	0.94375	0.62445	1.28763	-0.43832
0.781 - 0.898	0.85073	0.88868	0.81279	0.01138	1.31225	-1.28949
0.663 - 0.781	0.71789	0.77558	0.66554	0.82658	1.68187	-1.28949
0.546 - 0.663	0.59578	0.66090	0.57192	0.89426	1.65900	-0.56265
0.428 - 0.546	0.48560	0.54483	0.42814	0.52937	1.58841	-1.28949
0.310 - 0.428	0.35997	0.41932	0.31117	0.47278	1.66657	-1.28949
0.193 - 0.310	0.24745	0.30745	0.19611	0.69842	1.75390	-1.28949
0.075 - 0.193	0.13409	0.19234	0.07542	0.31662	1.70423	-1.28949
-0.042 - 0.075	0.01751	0.07497	-0.03648	0.00297	1.76974	-1.28949
-0.160 - -0.042	-0.10589	-0.04697	-0.15779	-0.37720	1.28019	-1.28949
-0.278 - -0.160	-0.22196	-0.16337	-0.27732	-0.17385	1.47303	-1.28949
-0.395 - -0.278	-0.32673	-0.28182	-0.38326	-0.38003	1.50263	-1.28949
-0.513 - -0.395	-0.44546	-0.39874	-0.51039	-0.62012	1.24789	-1.28949
-0.630 - -0.513	-0.54866	-0.51626	-0.60038	-1.06628	-0.22210	-1.28949
-0.748 - -0.630	-0.68135	-0.63269	-0.74803	-0.69306	0.38961	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.516 - 1.640	1.58028	1.63968	1.52088	1.23227	1.27739	1.18714
1.393 - 1.516	1.47267	1.47267	1.47267	0.72559	0.72559	0.72559
1.269 - 1.393	1.37039	1.37039	1.37039	0.63431	0.63431	0.63431
1.146 - 1.269	1.19052	1.19052	1.19052	1.58775	1.58775	1.58775
1.023 - 1.146	1.10190	1.10265	1.10116	0.13449	1.55847	-1.28949
0.899 - 1.023	0.96559	1.01586	0.92020	0.78229	1.33085	-0.43832
0.776 - 0.899	0.83505	0.89515	0.77756	1.20157	1.68187	0.53499
0.652 - 0.776	0.71549	0.77205	0.67039	0.56035	1.57618	-1.15607
0.529 - 0.652	0.57204	0.63031	0.54216	0.94059	1.65900	-0.56265
0.405 - 0.529	0.47547	0.52839	0.41184	0.53976	1.58841	-1.28949
0.282 - 0.405	0.33160	0.39390	0.28320	0.52132	1.65891	-1.15607
0.159 - 0.282	0.21174	0.27355	0.16881	0.27989	1.70423	-1.28949
0.035 - 0.159	0.09535	0.14789	0.03927	0.38896	1.75390	-1.28949
-0.088 - 0.035	-0.03287	0.03081	-0.08812	-0.09950	1.72302	-1.28949
-0.212 - -0.088	-0.14532	-0.08936	-0.20162	-0.19126	1.56738	-1.28949
-0.335 - -0.212	-0.27299	-0.21210	-0.33462	-0.25363	1.76974	-1.28949
-0.459 - -0.335	-0.38720	-0.33824	-0.45616	-0.46544	1.47303	-1.28949
-0.582 - -0.459	-0.52531	-0.46621	-0.57989	-0.79335	1.10033	-1.28949
-0.705 - -0.582	-0.64067	-0.58670	-0.68908	-1.00089	0.38961	-1.28949
-0.829 - -0.705	-0.75907	-0.71890	-0.82881	-0.81501	0.13394	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.455 - 1.570	1.57028	1.57028	1.57028	1.00501	1.00501	1.00501
1.224 - 1.340	1.25892	1.26720	1.24578	0.98255	1.58775	0.63431
1.109 - 1.224	1.16507	1.22267	1.12158	1.20892	1.55847	1.02403
0.994 - 1.109	1.00234	1.00234	1.00234	-1.28949	-1.28949	-1.28949
0.878 - 0.994	0.94058	0.99356	0.89109	0.95155	1.68187	-0.43832
0.763 - 0.878	0.80057	0.81683	0.78432	1.15985	1.39890	0.92080
0.648 - 0.763	0.69386	0.74443	0.65082	0.79438	1.54020	-1.15607
0.532 - 0.648	0.59851	0.63231	0.54526	0.51982	1.65900	-1.28949
0.417 - 0.532	0.47141	0.52919	0.41888	0.78948	1.66657	-1.28949
0.302 - 0.417	0.35052	0.41472	0.30800	0.52533	1.71877	-1.28949
0.186 - 0.302	0.23819	0.30033	0.18735	0.40951	1.70423	-1.28949
0.071 - 0.186	0.12373	0.18324	0.07293	0.21583	1.75390	-1.28949
-0.044 - 0.071	0.01425	0.06881	-0.04113	0.09738	1.51224	-1.28949
-0.160 - -0.044	-0.10654	-0.04527	-0.15625	-0.21880	1.76974	-1.28949
-0.275 - -0.160	-0.22385	-0.16005	-0.27226	-0.16711	1.72302	-1.28949
-0.390 - -0.275	-0.33162	-0.27520	-0.39004	-0.37809	1.26982	-1.28949
-0.506 - -0.390	-0.44771	-0.39413	-0.50081	-0.85376	1.24789	-1.28949
-0.621 - -0.506	-0.55201	-0.50589	-0.62052	-0.76889	1.10033	-1.28949
-0.736 - -0.621	-0.68117	-0.64886	-0.73636	-0.66535	0.38961	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.457 - 1.574	1.53436	1.57358	1.49515	1.14120	1.27739	1.00501
1.340 - 1.457	1.36030	1.36736	1.35325	1.15667	1.58775	0.72559
1.223 - 1.340	1.25288	1.25288	1.25288	1.18714	1.18714	1.18714
1.106 - 1.223	1.18321	1.18321	1.18321	1.55847	1.55847	1.55847
0.989 - 1.106	1.06188	1.07070	1.05306	0.98258	1.33085	0.63431
0.872 - 0.989	0.93859	0.96771	0.90037	0.74412	1.31225	-0.43832
0.755 - 0.872	0.82123	0.82123	0.82123	-1.28949	-1.28949	-1.28949
0.638 - 0.755	0.68250	0.73971	0.64302	0.87368	1.57618	-1.15607
0.521 - 0.638	0.58069	0.62839	0.52375	0.72513	1.66657	-1.28949
0.404 - 0.521	0.48403	0.51712	0.41712	0.76069	1.71877	-1.28949
0.287 - 0.404	0.32988	0.39817	0.29153	0.19130	1.55847	-1.28949
0.170 - 0.287	0.22435	0.28620	0.17475	0.61826	1.75390	-1.28949
0.053 - 0.170	0.10659	0.16394	0.05629	0.28424	1.40996	-1.28949
-0.064 - 0.053	-0.00110	0.04926	-0.06202	-0.10966	1.51224	-1.28949
-0.181 - -0.064	-0.12018	-0.06413	-0.17246	-0.28027	1.76974	-1.28949
-0.298 - -0.181	-0.23694	-0.18180	-0.29715	-0.14328	1.72302	-1.28949
-0.415 - -0.298	-0.35211	-0.29805	-0.41223	-0.39750	1.50263	-1.28949
-0.532 - -0.415	-0.47276	-0.41567	-0.53003	-0.77309	1.10033	-1.28949
-0.649 - -0.532	-0.56824	-0.53720	-0.62787	-0.92500	0.81745	-1.28949
-0.766 - -0.649	-0.71649	-0.67037	-0.76570	-0.81501	0.13394	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.373 - 1.478	1.45505	1.47809	1.43202	1.29638	1.58775	1.00501
1.164 - 1.269	1.16826	1.16826	1.16826	0.72559	0.72559	0.72559
0.954 - 1.059	1.02856	1.02856	1.02856	1.18714	1.18714	1.18714
0.850 - 0.954	0.92070	0.95362	0.89465	0.58482	1.55847	-0.43832
0.745 - 0.850	0.79488	0.84714	0.74965	0.84204	1.68187	-0.02880
0.640 - 0.745	0.71060	0.73941	0.67684	0.35899	1.31225	-1.15607
0.535 - 0.640	0.58305	0.61668	0.54332	0.56995	1.54020	-1.28949
0.431 - 0.535	0.48878	0.53458	0.43631	0.75791	1.71877	-1.28949
0.326 - 0.431	0.37871	0.42731	0.32955	0.75287	1.58841	-1.28949
0.221 - 0.326	0.27315	0.32285	0.22613	0.52865	1.75390	-1.28949
0.116 - 0.221	0.15677	0.20586	0.11760	0.18541	1.50263	-1.28949
0.012 - 0.116	0.05216	0.11457	0.01182	0.14781	1.41905	-1.28949
-0.093 - 0.012	-0.04473	0.00459	-0.08970	0.01738	1.76974	-1.28949
-0.198 - -0.093	-0.14934	-0.09559	-0.19680	-0.33967	1.56738	-1.28949
-0.303 - -0.198	-0.24888	-0.19841	-0.29610	-0.16558	1.37243	-1.28949
-0.407 - -0.303	-0.35518	-0.30503	-0.40605	-0.57435	1.72302	-1.28949
-0.512 - -0.407	-0.44538	-0.40962	-0.51050	-0.69593	1.25802	-1.28949
-0.617 - -0.512	-0.57121	-0.51443	-0.61674	-0.94476	0.38961	-1.28949

## Node=End Groups

### Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.369 - 1.479	1.45966	1.47897	1.44034	1.14120	1.27739	1.00501
1.150 - 1.259	1.21806	1.22051	1.21561	0.95637	1.18714	0.72559
1.040 - 1.150	1.08819	1.11229	1.04376	1.21164	1.58775	0.63431
0.930 - 1.040	0.98392	1.00519	0.97082	0.63885	1.33085	-0.43832
0.820 - 0.930	0.86202	0.87797	0.84929	1.42725	1.68187	1.28763
0.711 - 0.820	0.78643	0.81162	0.73961	0.21480	1.39890	-1.28949
0.601 - 0.711	0.65351	0.69196	0.60913	0.45805	1.57618	-1.15607
0.491 - 0.601	0.53875	0.58132	0.49470	0.36602	1.66657	-1.28949
0.381 - 0.491	0.43542	0.48661	0.38888	0.79640	1.71877	-1.28949
0.272 - 0.381	0.33322	0.38114	0.27462	0.56536	1.65891	-1.28949
0.162 - 0.272	0.21687	0.26857	0.16227	0.69179	1.70423	-1.28949
0.052 - 0.162	0.10995	0.16094	0.05518	0.21033	1.51224	-1.28949
-0.058 - 0.052	0.00234	0.04503	-0.05610	-0.20382	1.56738	-1.28949
-0.167 - -0.058	-0.11633	-0.05901	-0.15920	-0.11742	1.76974	-1.28949
-0.277 - -0.167	-0.22375	-0.17048	-0.27598	-0.01659	1.72302	-1.28949
-0.387 - -0.277	-0.32273	-0.27979	-0.38586	-0.63138	1.25802	-1.28949
-0.497 - -0.387	-0.44456	-0.39288	-0.49257	-0.64596	1.26982	-1.28949
-0.606 - -0.497	-0.56517	-0.50145	-0.60357	-0.83707	0.81745	-1.28949
-0.716 - -0.606	-0.66970	-0.62970	-0.71615	-0.51386	0.38961	-1.28949

## Node=End Groups

### Score Distributions

Group=\_fold\_=8 Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.683 - 1.814	1.81431	1.81431	1.81431	1.27739	1.27739	1.27739
1.552 - 1.683	1.57648	1.57648	1.57648	1.00501	1.00501	1.00501
1.421 - 1.552	1.49101	1.49101	1.49101	1.18714	1.18714	1.18714
1.290 - 1.421	1.39829	1.39829	1.39829	0.72559	0.72559	0.72559
1.159 - 1.290	1.22925	1.25461	1.18936	1.09603	1.58775	0.63431
1.028 - 1.159	1.06166	1.06166	1.06166	1.02403	1.02403	1.02403
0.897 - 1.028	0.94344	0.95346	0.93341	1.29994	1.31225	1.28763
0.766 - 0.897	0.84176	0.89512	0.76759	0.88618	1.68187	-1.28949
0.635 - 0.766	0.69318	0.75950	0.63893	0.82928	1.65900	-1.15607
0.504 - 0.635	0.55903	0.60366	0.51295	0.54496	1.65891	-1.28949
0.373 - 0.504	0.42816	0.48530	0.37457	0.65675	1.71877	-1.28949
0.242 - 0.373	0.29693	0.37241	0.24472	0.34918	1.50424	-1.28949
0.111 - 0.242	0.18567	0.24094	0.11222	0.50237	1.70423	-1.28949
-0.020 - 0.111	0.03623	0.10751	-0.01907	0.04929	1.72302	-1.28949
-0.151 - -0.020	-0.09052	-0.02039	-0.15116	-0.05263	1.75390	-1.28949
-0.282 - -0.151	-0.21677	-0.15384	-0.27860	-0.35256	1.76974	-1.28949
-0.413 - -0.282	-0.34442	-0.28657	-0.41254	-0.41952	1.47303	-1.28949
-0.544 - -0.413	-0.47864	-0.42755	-0.53912	-0.69290	1.24789	-1.28949
-0.675 - -0.544	-0.61408	-0.55452	-0.66894	-0.77741	1.10033	-1.28949
-0.806 - -0.675	-0.75385	-0.73044	-0.80647	-0.86971	0.38961	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.507 - 1.630	1.57569	1.62971	1.52088	1.15651	1.27739	1.00501
1.384 - 1.507	1.45738	1.47809	1.43668	1.30589	1.58775	1.02403
1.261 - 1.384	1.33735	1.35325	1.32145	0.67995	0.72559	0.63431
1.138 - 1.261	1.16925	1.16925	1.16925	1.06602	1.06602	1.06602
1.015 - 1.138	1.06998	1.11361	1.04327	1.45745	1.55847	1.33085
0.892 - 1.015	0.93209	0.98264	0.89512	0.33916	0.92080	-0.43832
0.769 - 0.892	0.83542	0.87797	0.80056	0.88758	1.68187	-1.28949
0.646 - 0.769	0.68427	0.74443	0.65143	0.81752	1.57618	-1.15607
0.523 - 0.646	0.59338	0.64302	0.53963	0.64333	1.27801	-1.28949
0.400 - 0.523	0.46174	0.51295	0.40985	0.63573	1.71877	-1.28949
0.278 - 0.400	0.34264	0.39406	0.28292	0.37628	1.65891	-1.28949
0.155 - 0.278	0.20962	0.27527	0.16685	0.54106	1.70423	-1.28949
0.032 - 0.155	0.09174	0.13639	0.03822	0.16298	1.76974	-1.28949
-0.091 - 0.032	-0.02451	0.03025	-0.08671	-0.07354	1.38767	-1.28949
-0.214 - -0.091	-0.15404	-0.09186	-0.21346	-0.16565	1.56738	-1.28949
-0.337 - -0.214	-0.27634	-0.22028	-0.33662	-0.30440	1.72302	-1.28949
-0.460 - -0.337	-0.41072	-0.34413	-0.45980	-0.63451	1.47303	-1.28949
-0.583 - -0.460	-0.52706	-0.46360	-0.58084	-0.71782	1.26982	-1.28949
-0.706 - -0.583	-0.63052	-0.58445	-0.68299	-0.79085	1.10033	-1.28949
-0.829 - -0.706	-0.78776	-0.74670	-0.82881	-0.57777	0.13394	-1.28949

## Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	344
2	^(fold_=2)	346
3	^(fold_=3)	340
4	^(fold_=4)	345
5	^(fold_=5)	340
6	^(fold_=6)	350
7	^(fold_=7)	334
8	^(fold_=8)	352

## SAS Enterprise Miner Report

### Node=Decision Tree Summary

Node id = Tree2  
 Node label = Decision Tree  
 Meta path = Ids => Trans => Grp => Tree2  
 Notes =

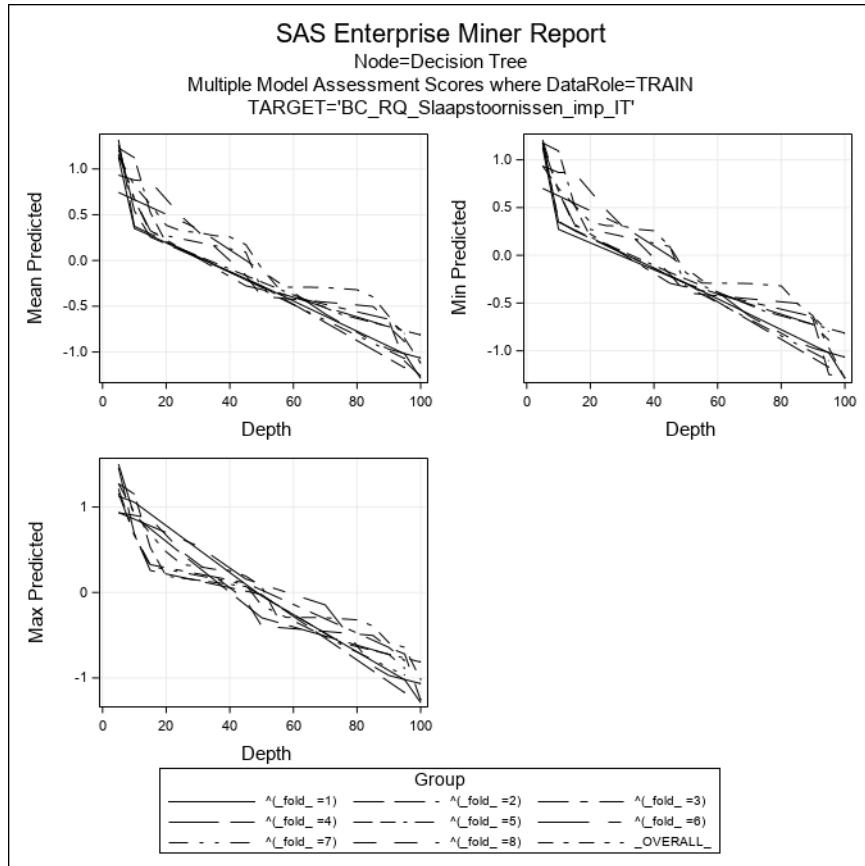
### Node=Decision Tree Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
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

Role	Level	Frequency		Name
		Count	Name	
TARGET	INTERVAL	1	BC_RQ_Slaapstoornissen_imp_IT	
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: 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
1	^(fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	345	2.06228	258.162	0.74830	0.86504	345	345	.	ReQuest (sleep subscale) (Box-Cox transformed)
2	^(fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	342	2.06031	253.331	0.74074	0.86066	342	342	.	ReQuest (sleep subscale) (Box-Cox transformed)
3	^(fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	332	2.17193	247.583	0.74573	0.86356	332	332	.	ReQuest (sleep subscale) (Box-Cox transformed)
4	^(fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	350	2.26122	259.438	0.74125	0.86096	350	350	.	ReQuest (sleep subscale) (Box-Cox transformed)
5	^(fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	354	2.31133	246.164	0.69538	0.83389	354	354	.	ReQuest (sleep subscale) (Box-Cox transformed)
6	^(fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	331	2.22545	203.790	0.61568	0.78465	331	331	.	ReQuest (sleep subscale) (Box-Cox transformed)
7	^(fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	351	2.09002	236.187	0.67290	0.82030	351	351	.	ReQuest (sleep subscale) (Box-Cox transformed)
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	342	2.22267	191.794	0.56080	0.74887	342	342	.	ReQuest (sleep subscale) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	393	2.56252	279.277	0.71063	0.84299	393	.	.	ReQuest (sleep subscale) (Box-Cox transformed)

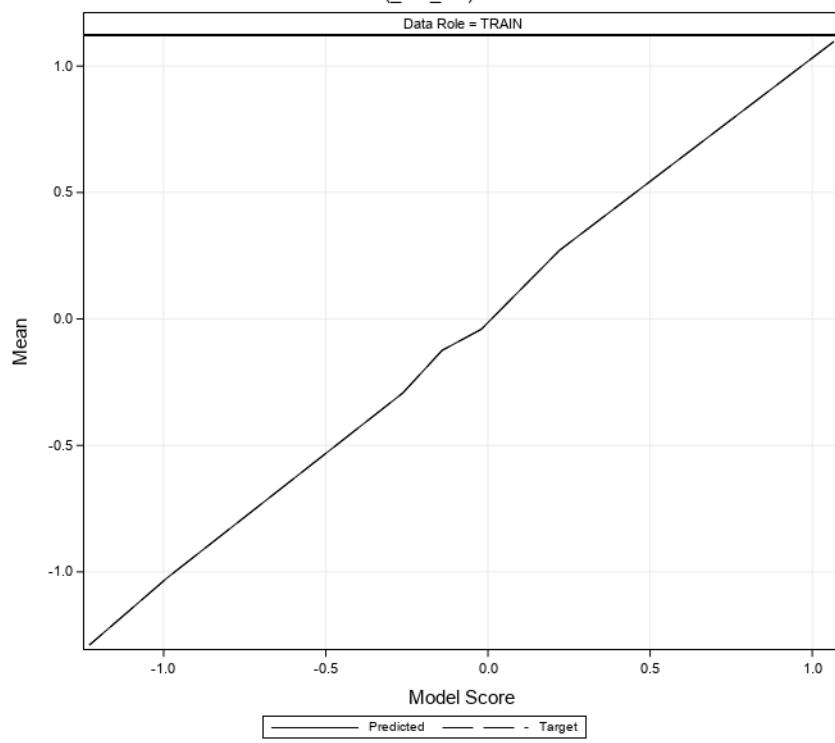


### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN

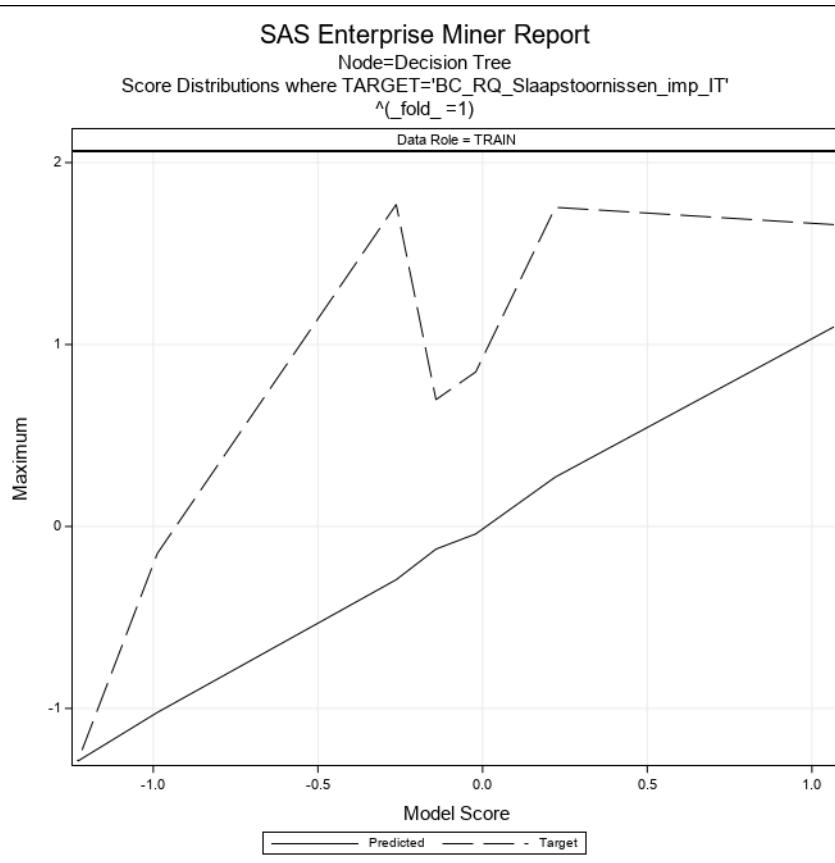


### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN

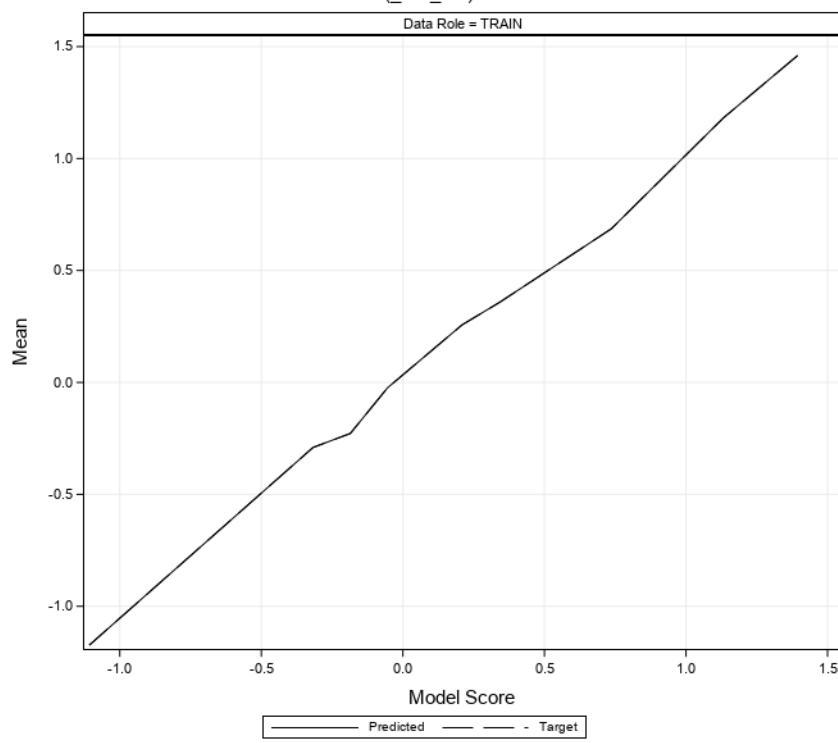


### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

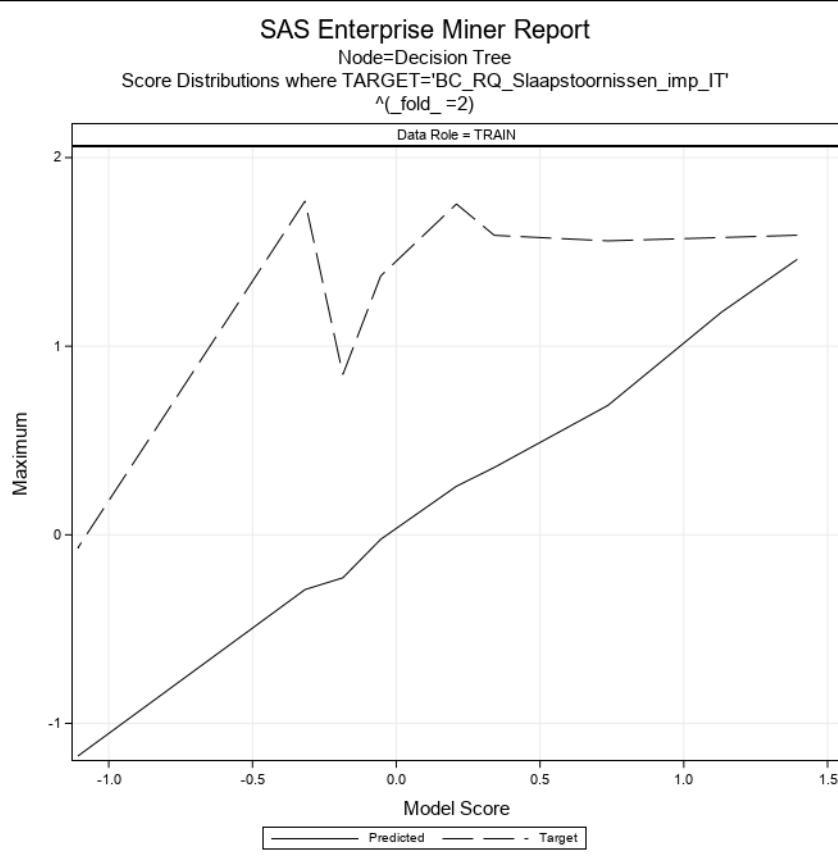


### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

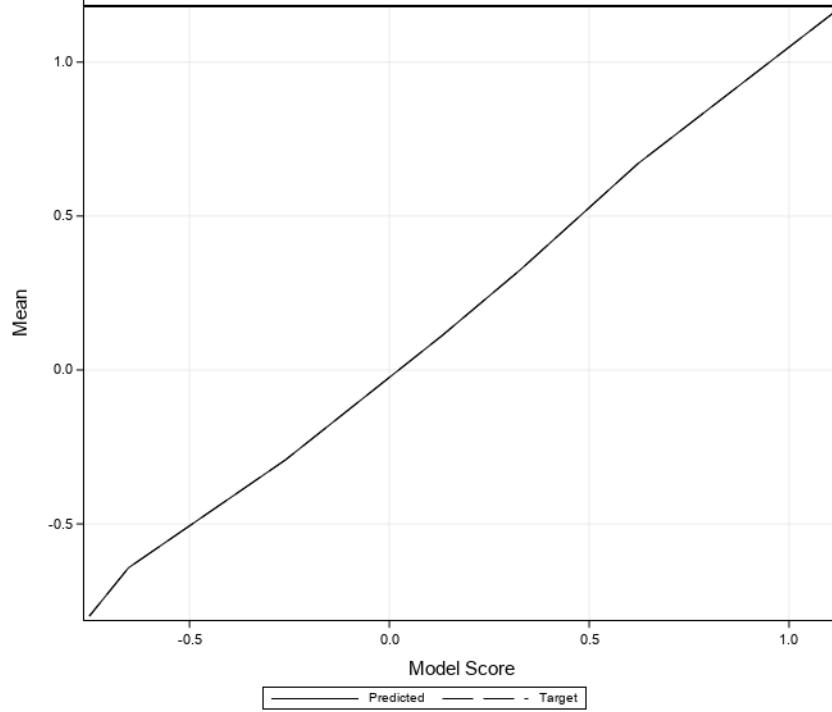


### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

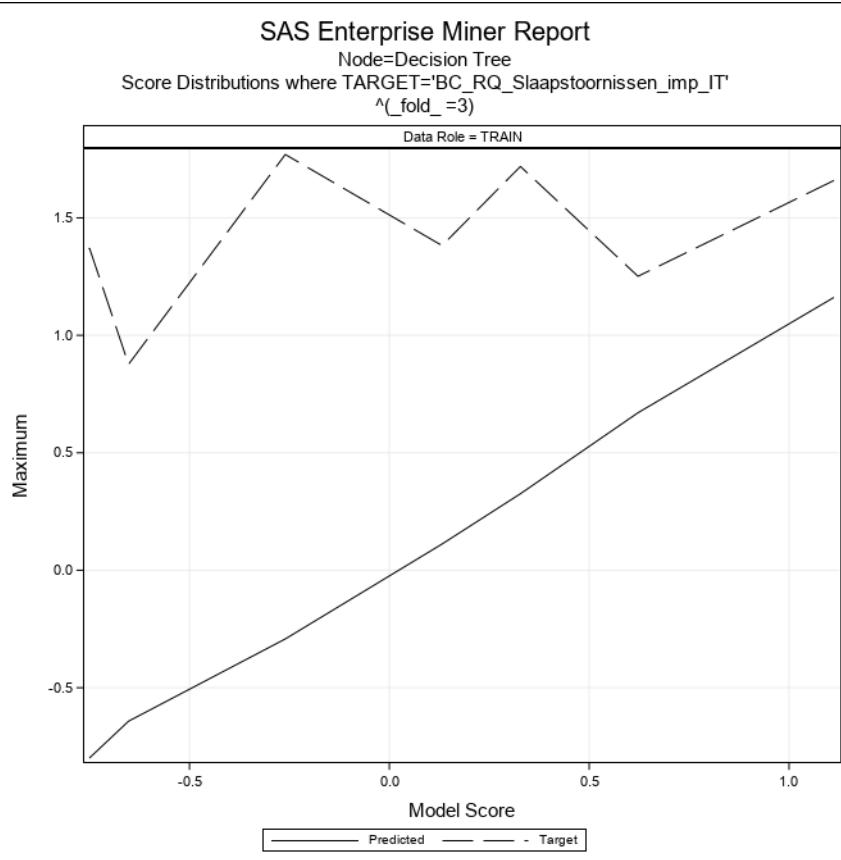


### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

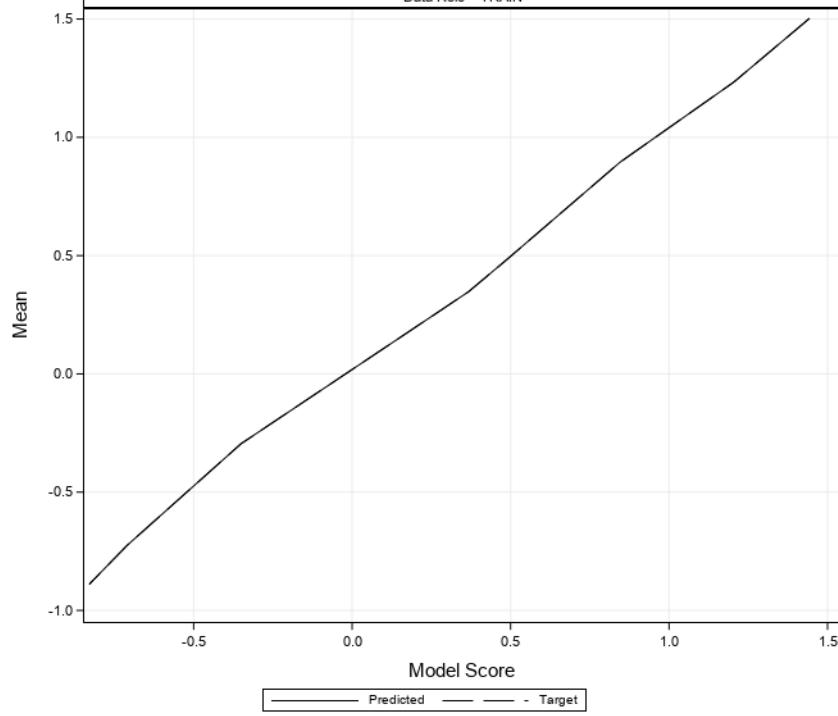


**SAS Enterprise Miner Report**

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

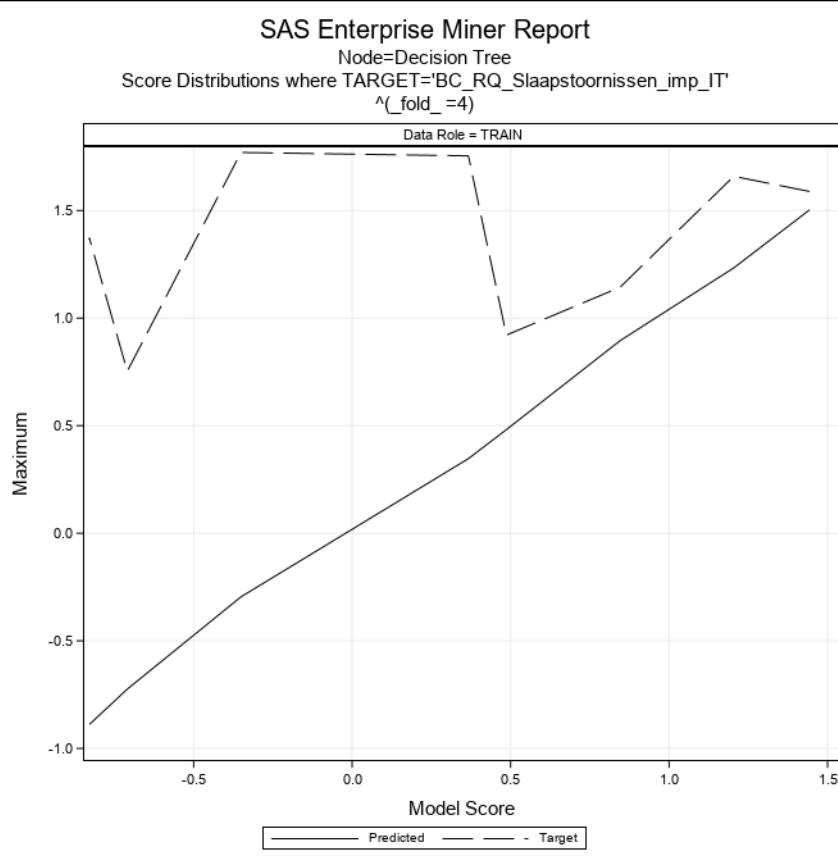
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

Mean

1.0  
0.5  
0.0  
-0.5

-0.5 0.0 0.5 1.0

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

Maximum

1.5  
1.0  
0.5  
0.0  
-0.5

-0.5 0.0 0.5 1.0

Model Score

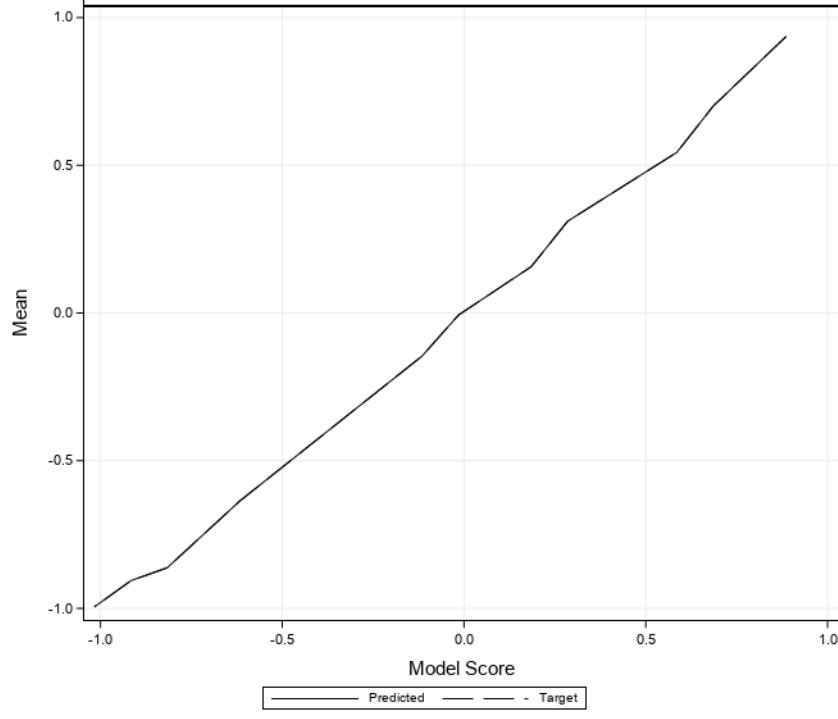
— Predicted — - Target

**SAS Enterprise Miner Report**

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

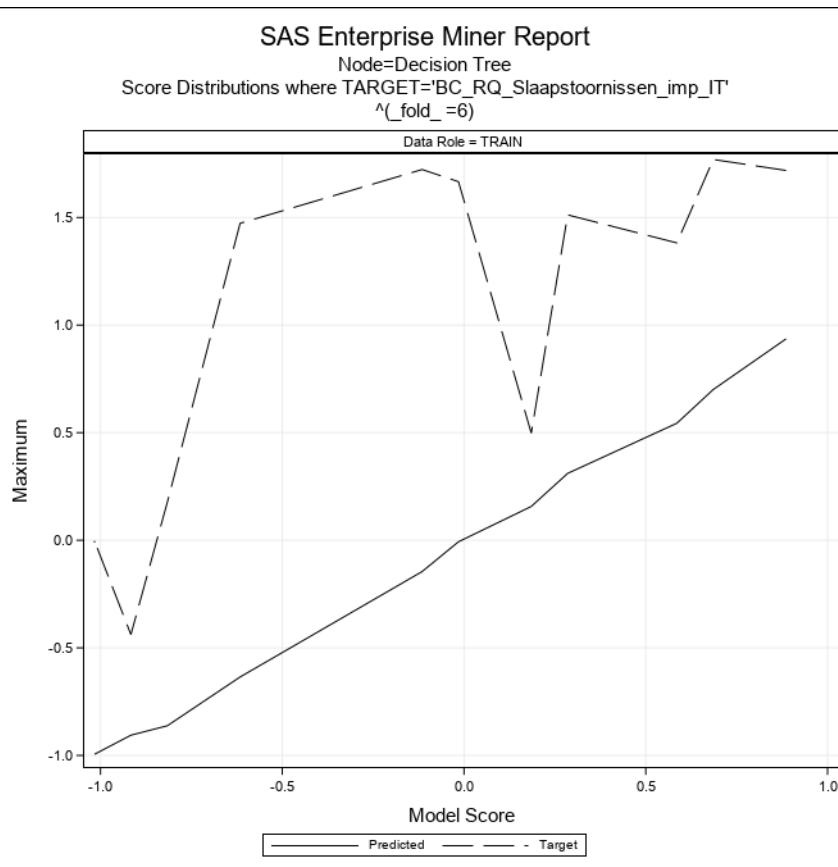
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

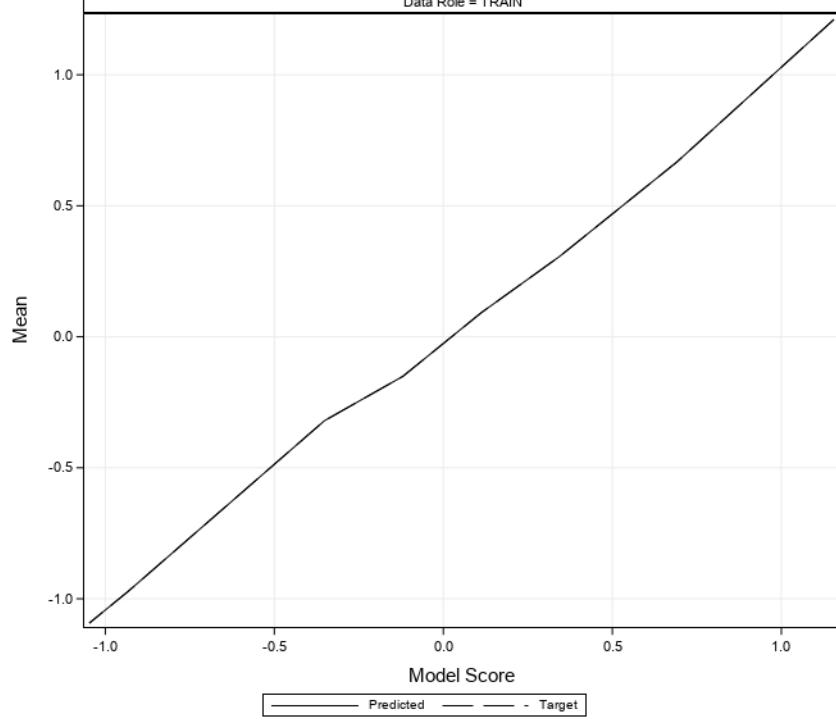


**SAS Enterprise Miner Report**

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

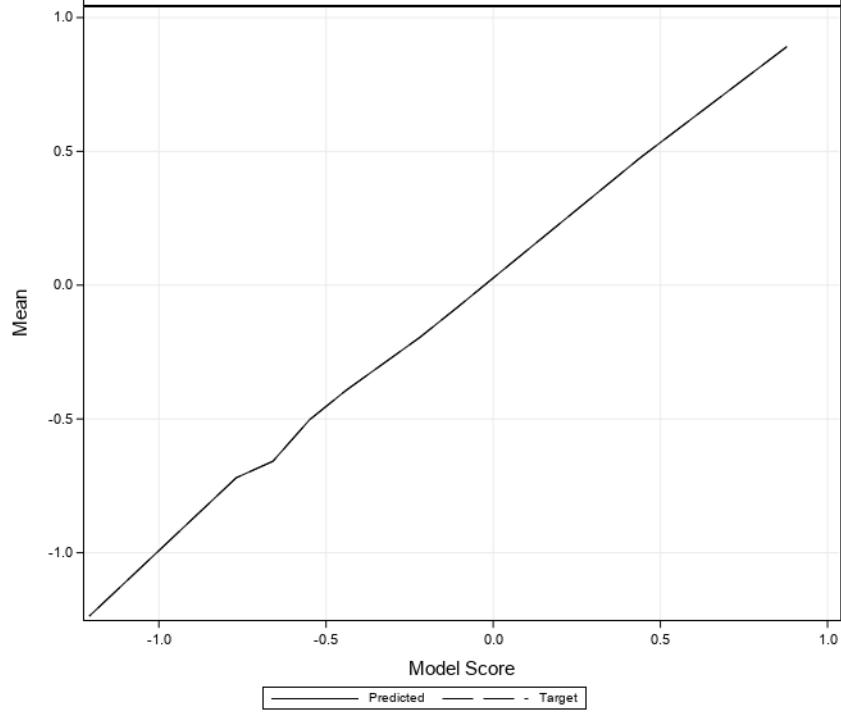


### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

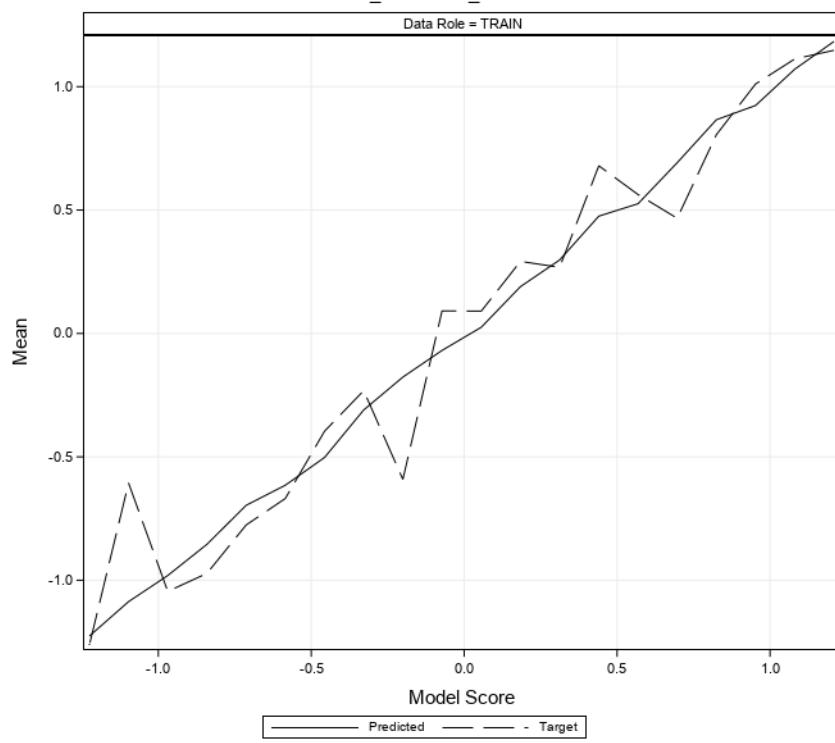


### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Decision Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN



**Node=Decision Tree**  
**Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.006 - 1.127	1.09714	1.12728	1.05625	1.09714	1.65900	-0.17275
0.161 - 0.281	0.27171	0.27171	0.27171	0.27171	1.75390	-1.28949
-0.081 - 0.040	-0.04080	-0.04080	-0.04080	-0.04080	0.84963	-1.28949
-0.202 - 0.081	-0.12441	-0.12441	-0.12441	-0.12441	0.69707	-1.28949
-0.323 - 0.202	-0.29254	-0.29254	-0.29254	-0.29254	1.76974	-1.28949
-1.048 - 0.927	-1.02189	-1.02189	-1.02189	-1.02189	-0.14766	-1.28949
-1.289 - -1.169	-1.28949	-1.28949	-1.28949	-1.28949	-1.28949	-1.28949

### Node=Decision Tree Score Distributions

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.329 - 1.460	1.46030	1.46030	1.46030	1.46030	1.58841	1.33085
1.065 - 1.197	1.18027	1.18057	1.17987	1.18027	1.57618	0.84963
0.670 - 0.802	0.68602	0.68602	0.68602	0.68602	1.55847	-0.17275
0.275 - 0.407	0.35714	0.35714	0.35714	0.35714	1.58775	-1.28949
0.144 - 0.275	0.25729	0.25729	0.25729	0.25729	1.75390	-1.28949
-0.120 - 0.012	-0.02389	-0.02389	-0.02389	-0.02389	1.37243	-1.15607
-0.252 - -0.120	-0.22798	-0.22798	-0.22798	-0.22798	0.84963	-1.28949
-0.383 - -0.252	-0.29058	-0.29058	-0.29058	-0.29058	1.76974	-1.28949
-1.173 - -1.042	-1.17330	-1.17330	-1.17330	-1.17330	-0.06966	-1.28949

### Node=Decision Tree Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.063 - 1.161	1.16133	1.16133	1.16133	1.16133	1.65900	0.25804
0.573 - 0.671	0.67042	0.67042	0.67042	0.67042	1.25123	-0.12652
0.279 - 0.377	0.32571	0.32571	0.32571	0.32571	1.71877	-1.28949
0.083 - 0.181	0.11164	0.11164	0.11164	0.11164	1.38199	-1.28949
-0.309 - -0.211	-0.29240	-0.29240	-0.29240	-0.29240	1.76974	-1.28949
-0.701 - -0.603	-0.64247	-0.64247	-0.64247	-0.64247	0.87666	-1.28949
-0.800 - -0.701	-0.79950	-0.79950	-0.79950	-0.79950	1.37243	-1.28949

### Node=Decision Tree Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.384 - 1.503	1.50312	1.50312	1.50312	1.50312	1.58841	1.38199
1.144 - 1.264	1.23336	1.26220	1.18721	1.23336	1.65900	0.84963
0.786 - 0.905	0.89488	0.89488	0.89488	0.89488	1.14337	0.19467
0.427 - 0.546	0.48143	0.48143	0.48143	0.48143	0.92080	0.05382
0.307 - 0.427	0.34687	0.34687	0.34687	0.34687	1.75390	-1.28949
-0.410 - -0.291	-0.29554	-0.29554	-0.29554	-0.29554	1.76974	-1.28949
-0.769 - -0.650	-0.72455	-0.72455	-0.72455	-0.72455	0.75303	-1.28949
-0.889 - -0.769	-0.88879	-0.88879	-0.88879	-0.88879	1.37243	-1.28949

### Node=Decision Tree Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.169 - 1.273	1.23006	1.27304	1.17635	1.23006	1.58841	0.70134
1.064 - 1.169	1.12315	1.15129	1.09266	1.12315	1.68187	0.38251
0.438 - 0.543	0.52553	0.52553	0.52553	0.52553	1.25802	-0.17275
0.125 - 0.230	0.19214	0.19214	0.19214	0.19214	1.75390	-1.28949
0.021 - 0.125	0.07060	0.07060	0.07060	0.07060	0.72559	-1.28949
-0.188 - -0.083	-0.18004	-0.18004	-0.18004	-0.18004	1.76974	-1.28949
-0.605 - -0.501	-0.58830	-0.58830	-0.58830	-0.58830	1.72302	-1.28949
-0.814 - -0.710	-0.81387	-0.81387	-0.81387	-0.81387	0.75303	-1.28949

### Node=Decision Tree Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.836 - 0.936	0.93596	0.93596	0.93596	0.93596	1.71877	-1.28949
0.636 - 0.736	0.70054	0.70054	0.70054	0.70054	1.76974	-1.28949
0.535 - 0.636	0.54382	0.54382	0.54382	0.54382	1.38199	-1.28949
0.235 - 0.335	0.31075	0.31075	0.31075	0.31075	1.51224	-1.28949
0.135 - 0.235	0.15709	0.15709	0.15709	0.15709	0.49777	-0.39395
-0.065 - 0.035	-0.00714	0.00655	-0.00816	-0.00714	1.66657	-1.28949
-0.165 - -0.065	-0.14571	-0.14571	-0.14571	-0.14571	1.72302	-1.28949
-0.666 - -0.566	-0.63557	-0.63557	-0.63557	-0.63557	1.47303	-1.28949
-0.866 - -0.766	-0.86227	-0.86227	-0.86227	-0.86227	0.17608	-1.28949
-0.966 - -0.866	-0.90612	-0.90612	-0.90612	-0.90612	-0.43832	-1.28949
-1.067 - -0.966	-0.99468	-0.97071	-1.06661	-0.99468	-0.00312	-1.28949

### Node=Decision Tree Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.098 - 1.213	1.21104	1.21344	1.20939	1.21104	1.65900	0.19467
0.634 - 0.750	0.66811	0.66811	0.66811	0.66811	1.55847	-0.15701
0.286 - 0.402	0.30675	0.30675	0.30675	0.30675	1.75390	-1.28949
0.054 - 0.170	0.09177	0.09177	0.09177	0.09177	1.37243	-1.28949
-0.178 - -0.062	-0.15104	-0.15104	-0.15104	-0.15104	1.02403	-1.28949
-0.410 - -0.294	-0.32028	-0.32028	-0.32028	-0.32028	1.76974	-1.28949
-0.989 - -0.873	-0.97051	-0.97051	-0.97051	-0.97051	-0.29355	-1.28949
-1.105 - -0.989	-1.09283	-1.06129	-1.10509	-1.09283	-0.06966	-1.28949

### Node=Decision Tree Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.823 - 0.933	0.89132	0.93319	0.86517	0.89132	1.75390	-1.28949
0.384 - 0.494	0.47538	0.47538	0.47538	0.47538	1.71877	-1.28949
-0.165 - -0.055	-0.08563	-0.08563	-0.08563	-0.08563	0.84963	-0.85936
-0.275 - -0.165	-0.19537	-0.19292	-0.19783	-0.19537	1.37243	-1.28949
-0.494 - -0.384	-0.39238	-0.39238	-0.39238	-0.39238	1.76974	-1.28949
-0.604 - -0.494	-0.50278	-0.50278	-0.50278	-0.50278	0.46525	-1.28949
-0.714 - -0.604	-0.65810	-0.64602	-0.66845	-0.65810	0.83372	-1.28949

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
-0.824 - -0.714	-0.71991	-0.71991	-0.71991	-0.71991	0.76638	-1.28949
-1.263 - -1.153	-1.23676	-1.16970	-1.26280	-1.23676	-0.65100	-1.28949

### Node=Decision Tree Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.145 - 1.273	1.18315	1.27304	1.15129	1.14736	1.65900	-1.28949
1.017 - 1.145	1.07081	1.09266	1.05625	1.11229	1.30172	0.92436
0.889 - 1.017	0.92375	0.93596	0.89488	1.01087	1.58841	0.38251
0.761 - 0.889	0.86598	0.86733	0.86517	0.80535	1.72302	-0.12652
0.632 - 0.761	0.69185	0.70054	0.66811	0.46673	1.58775	-1.28949
0.504 - 0.632	0.52553	0.52553	0.52553	0.56300	1.18475	0.05382
0.376 - 0.504	0.47538	0.47538	0.47538	0.67939	1.71877	-1.28949
0.248 - 0.376	0.29772	0.35714	0.25729	0.26793	1.70423	-1.28949
0.120 - 0.248	0.18964	0.19214	0.15709	0.29205	1.75390	-1.28949
-0.008 - 0.120	0.02504	0.11164	-0.00816	0.09030	1.41905	-1.28949
-0.136 - -0.008	-0.06867	-0.04080	-0.12441	0.09159	1.17463	-1.28949
-0.264 - -0.136	-0.17682	-0.15104	-0.18004	-0.59126	0.71147	-1.28949
-0.393 - -0.264	-0.31010	-0.29058	-0.39238	-0.23184	1.76974	-1.28949
-0.521 - -0.393	-0.50278	-0.50278	-0.50278	-0.39643	-0.39643	-0.39643
-0.649 - -0.521	-0.61503	-0.58830	-0.64247	-0.66879	0.87666	-1.28949
-0.777 - -0.649	-0.69650	-0.66845	-0.72455	-0.77626	-0.33277	-1.21974
-0.905 - -0.777	-0.85451	-0.79950	-0.88879	-0.97225	-0.25881	-1.28949
-1.033 - -0.905	-0.98094	-0.97071	-1.02189	-1.04530	-0.00312	-1.28949
-1.161 - -1.033	-1.08681	-1.06129	-1.10509	-0.60621	0.84963	-1.28949
-1.289 - -1.161	-1.22633	-1.16970	-1.28949	-1.26280	-1.15607	-1.28949

### Node=Decision Tree Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	346
2	^(fold_=2)	342
3	^(fold_=3)	344
4	^(fold_=4)	345
5	^(fold_=5)	346
6	^(fold_=6)	334
7	^(fold_=7)	342
8	^(fold_=8)	352

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp => Tree2 => EndGrp  
 Notes =

### Node=End Groups Properties

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

### Node=End Groups Variable Summary

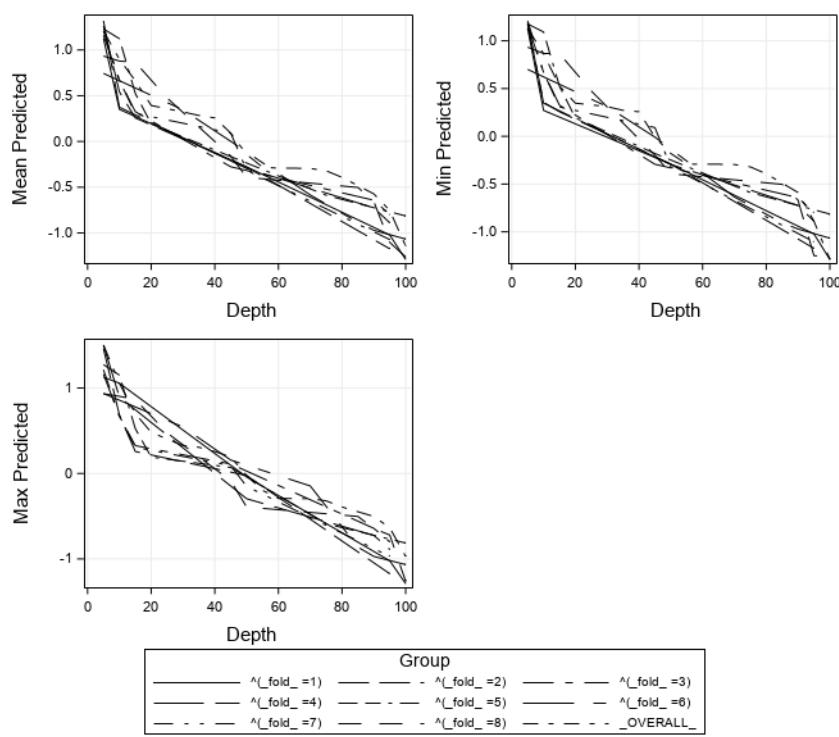
Role	Level	Frequency		Name
		Count		
INPUT	INTERVAL	23	ASItot_imp_IT BAQtot_imp_IT CTQtot_imp_IT IAS_health_anx_imp_IT IAS_illness_behav_imp_IT LSAtot_imp_IT NEO_A_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT NEO_O_imp_IT PASStot_imp_IT ... TOTAL_nr	
INPUT	NOMINAL	2	classification pH_MII_ON_OFF_INF_MISS	

Group Index	Group	ModelId	Train: Target Variable	Train: Sum of Frequencies	Train:	Train:	Train:	Train:	Train:	Train:	Train:
					Maximum Absolute Error	Sum of Squared Errors	Average Squared Error	Average Squared Error	Divisor for ASE	Degrees of Freedom	Total Target Label
1	^(fold_=1)	Tree2	BC_RQ_Slaapstoornissen_imp_IT	345	2.06228	258.162	0.74830	0.86504	345	345	ReQuest (sleep subscale) (Box-Cox transformed)
2	^(fold_=2)	Tree2	BC_RQ_Slaapstoornissen_imp_IT	342	2.06031	253.331	0.74074	0.86066	342	342	ReQuest (sleep subscale) (Box-Cox transformed)
3	^(fold_=3)	Tree2	BC_RQ_Slaapstoornissen_imp_IT	332	2.17193	247.583	0.74573	0.86356	332	332	ReQuest (sleep subscale) (Box-Cox transformed)
4	^(fold_=4)	Tree2	BC_RQ_Slaapstoornissen_imp_IT	350	2.26122	259.438	0.74125	0.86096	350	350	ReQuest (sleep subscale) (Box-Cox transformed)
5	^(fold_=5)	Tree2	BC_RQ_Slaapstoornissen_imp_IT	354	2.31133	246.164	0.69538	0.83389	354	354	ReQuest (sleep subscale) (Box-Cox transformed)
6	^(fold_=6)	Tree2	BC_RQ_Slaapstoornissen_imp_IT	331	2.22545	203.790	0.61568	0.78465	331	331	ReQuest (sleep subscale) (Box-Cox transformed)
7	^(fold_=7)	Tree2	BC_RQ_Slaapstoornissen_imp_IT	351	2.09002	236.187	0.67290	0.82030	351	351	ReQuest (sleep subscale) (Box-Cox transformed)
8	^(fold_=8)	Tree2	BC_RQ_Slaapstoornissen_imp_IT	342	2.22267	191.794	0.56080	0.74887	342	342	ReQuest (sleep subscale) (Box-Cox transformed)
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	393	2.22415	283.949	0.72252	0.85001	393	.	ReQuest (sleep subscale) (Box-Cox transformed)

## SAS Enterprise Miner Report

Node=End Groups

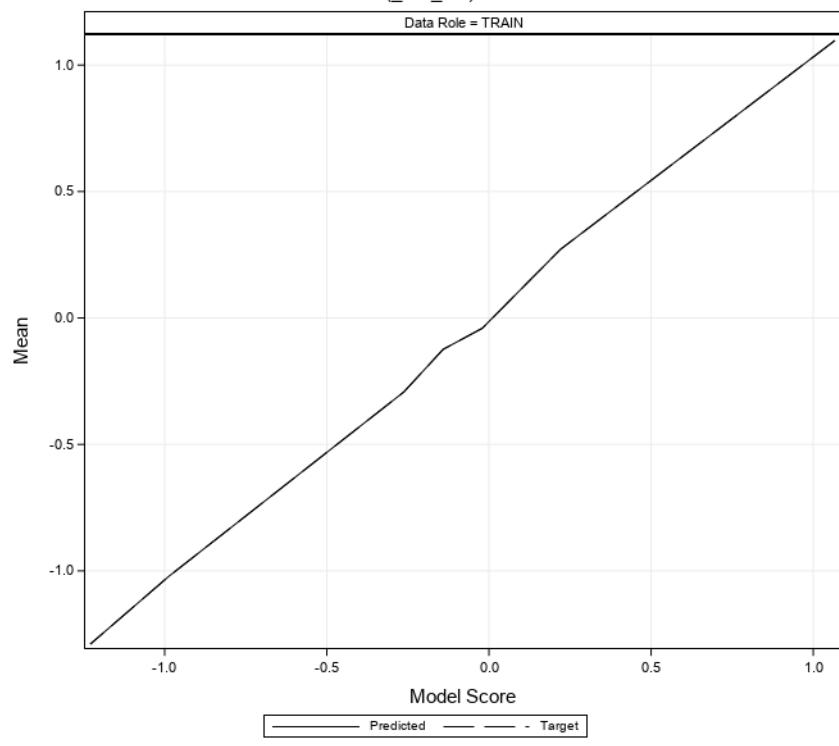
Multiple Model Assessment Scores where DataRole=TRAIN  
TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'



## SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $^{\wedge}_{\text{fold\_}} = 1$

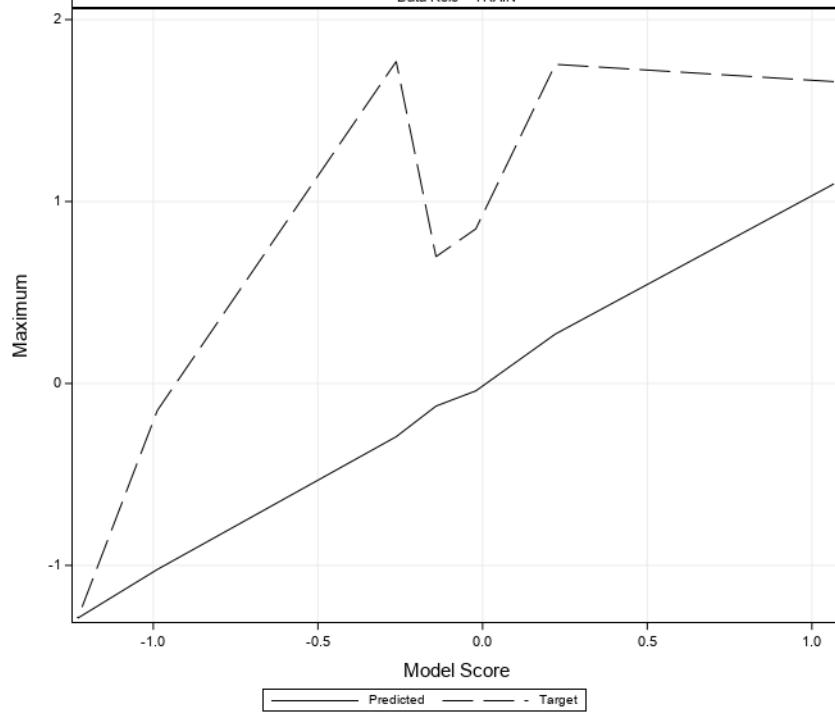


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN

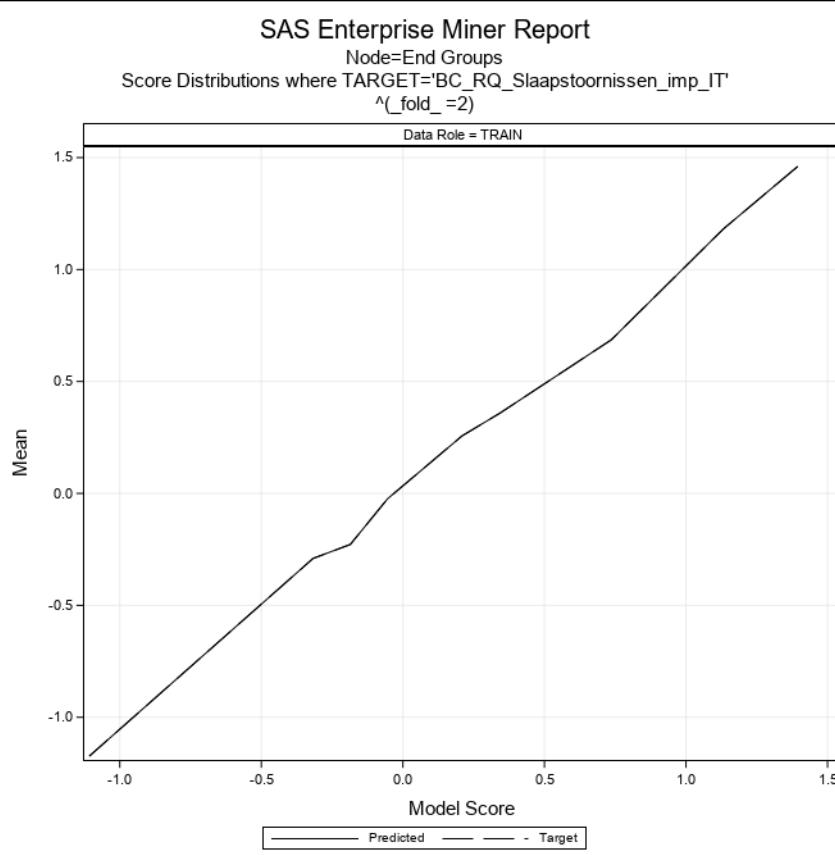


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

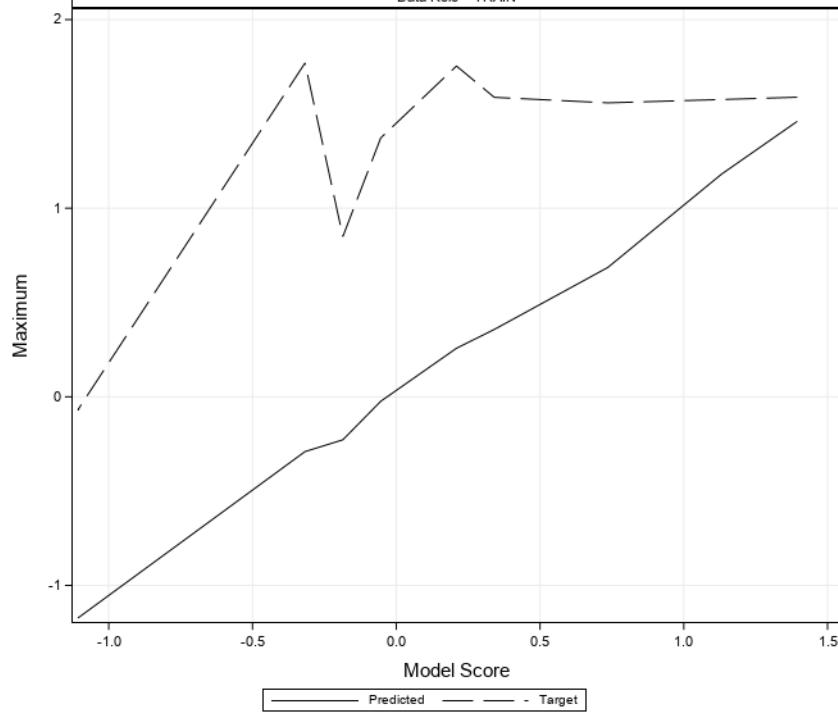


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN



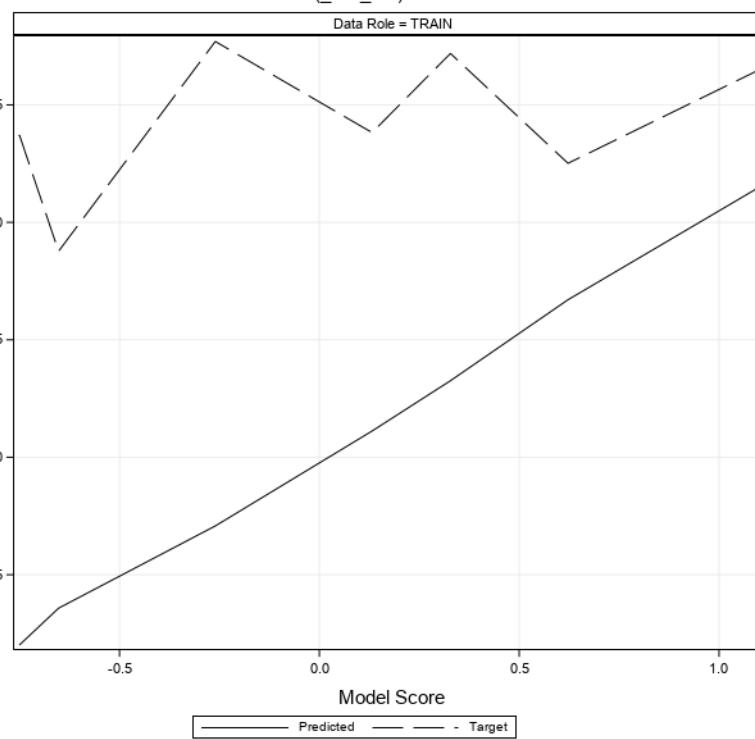
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

Maximum



Legend: — Predicted - - - Target

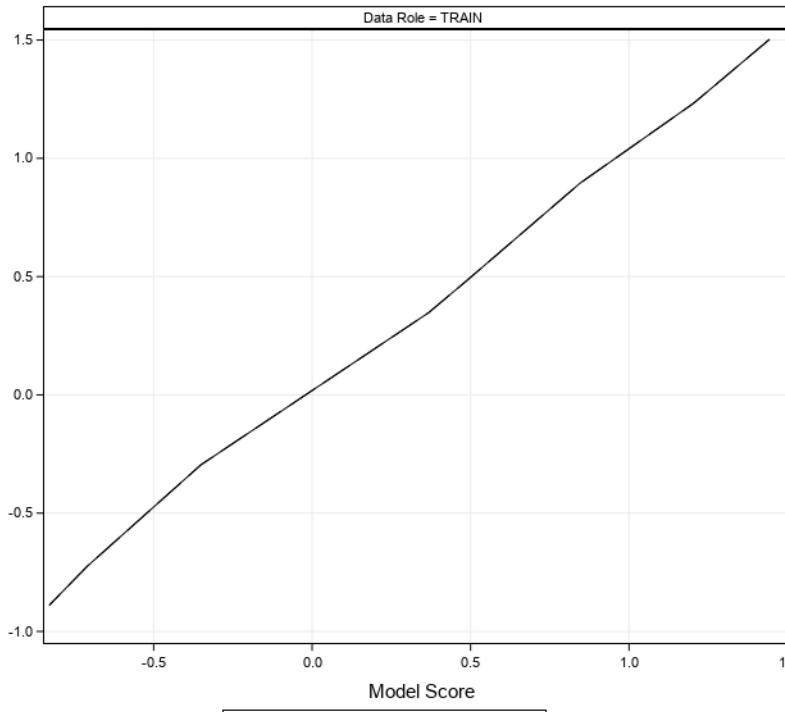
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

Mean



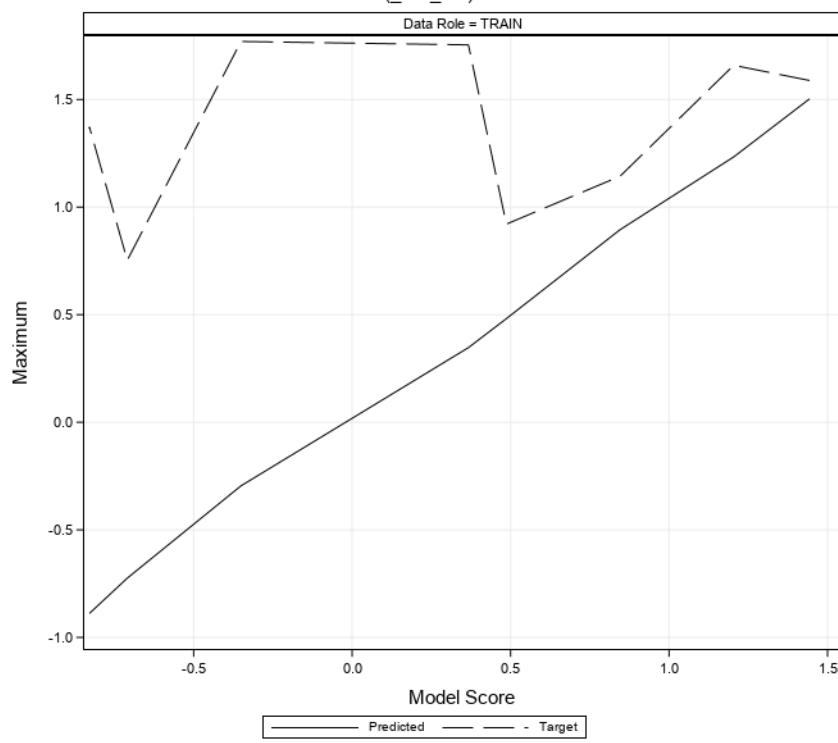
Legend: — Predicted - - - Target

### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

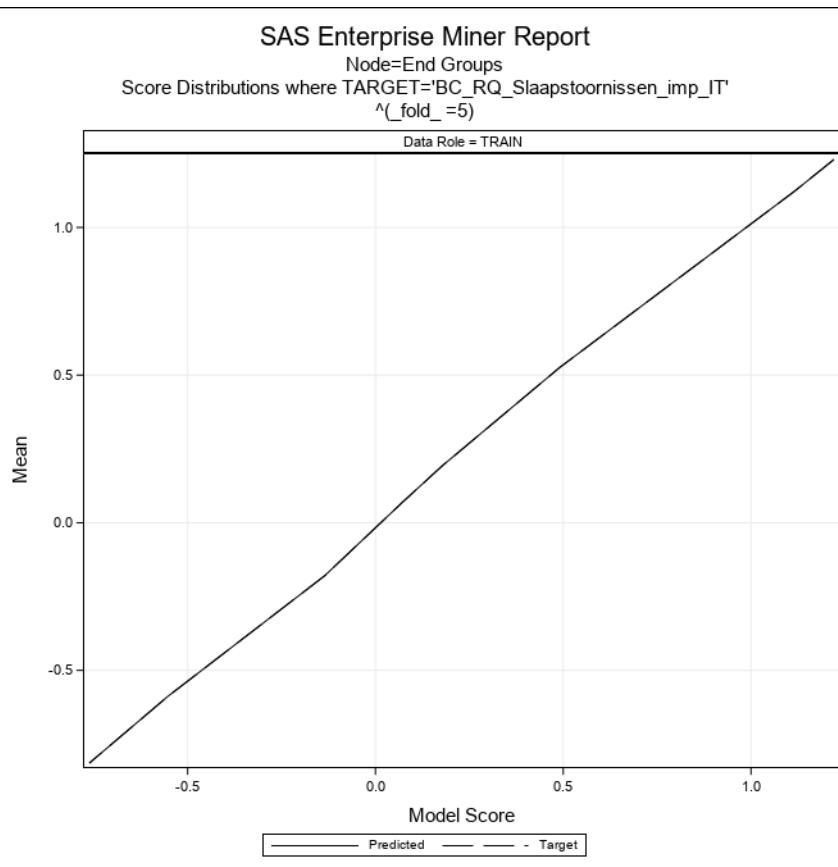


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

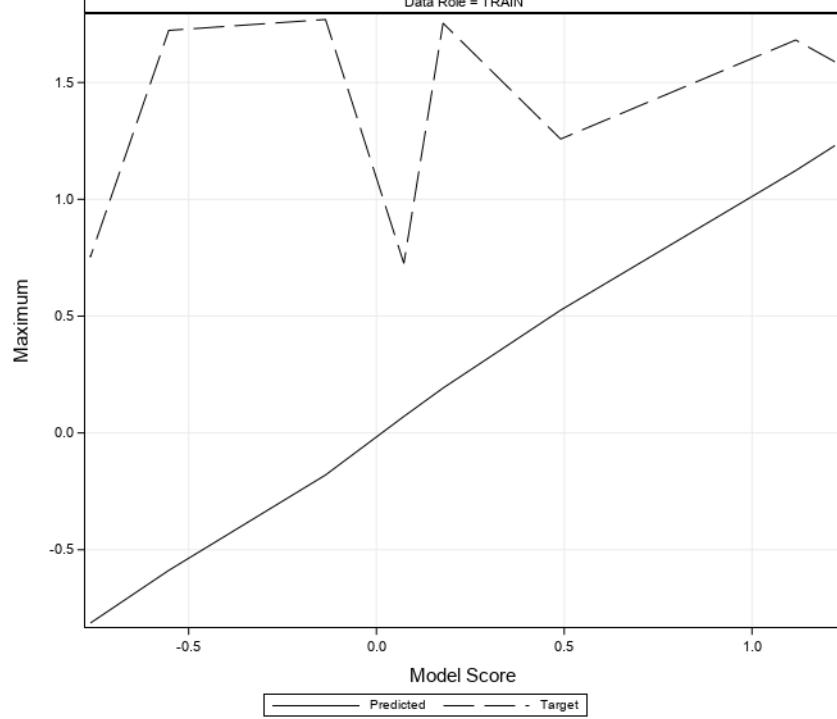


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

Data Role = TRAIN

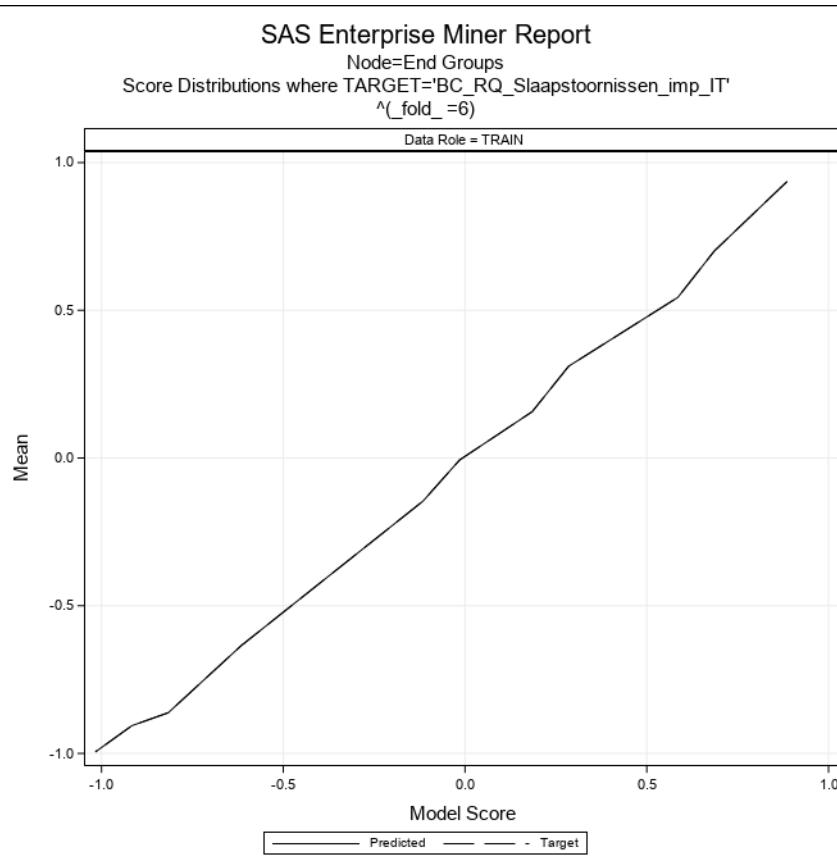


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=6)

Data Role = TRAIN

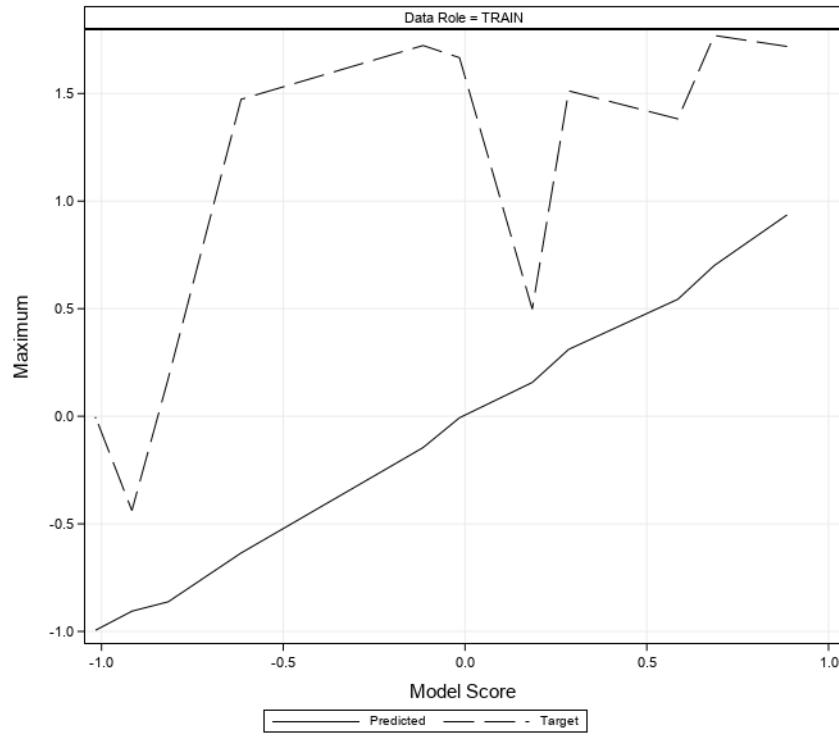


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=6)

Data Role = TRAIN

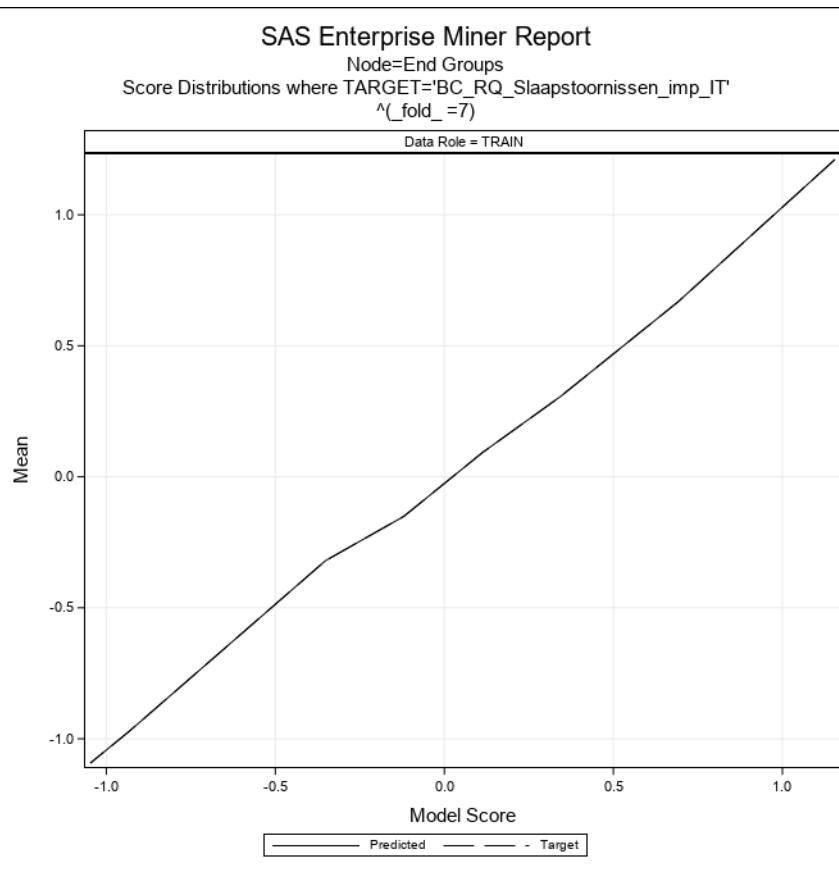


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

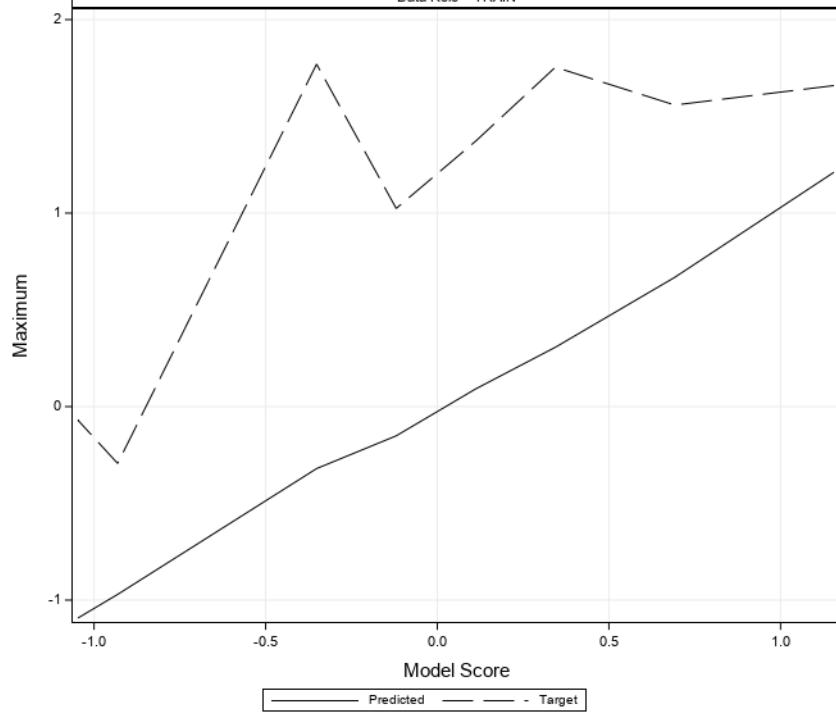


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

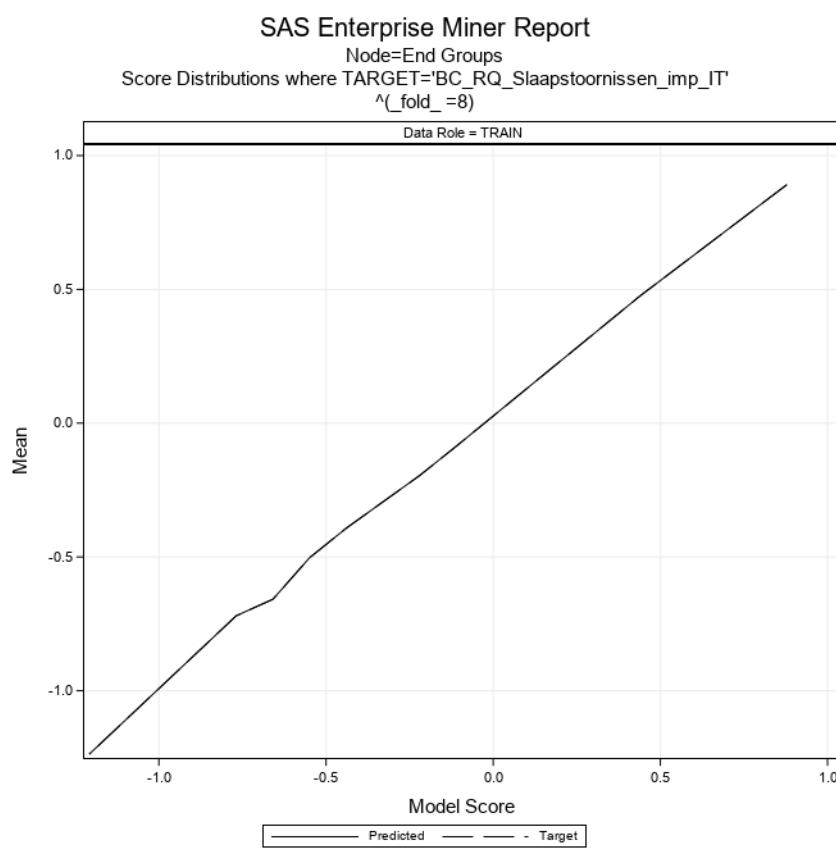


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

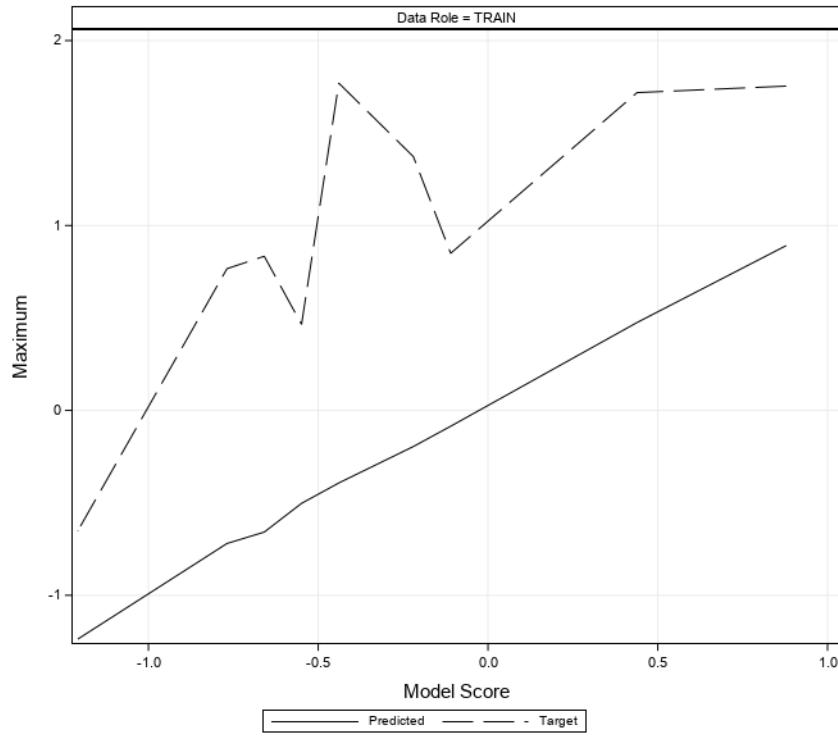


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=End Groups Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.006 - 1.127	1.09714	1.12728	1.05625	1.09714	1.65900	-0.17275
0.161 - 0.281	0.27171	0.27171	0.27171	0.27171	1.75390	-1.28949
-0.081 - 0.040	-0.04080	-0.04080	-0.04080	-0.04080	0.84963	-1.28949
-0.202 - -0.081	-0.12441	-0.12441	-0.12441	-0.12441	0.69707	-1.28949
-0.323 - -0.202	-0.29254	-0.29254	-0.29254	-0.29254	1.76974	-1.28949
-1.048 - -0.927	-1.02189	-1.02189	-1.02189	-1.02189	-0.14766	-1.28949
-1.289 - -1.169	-1.28949	-1.28949	-1.28949	-1.28949	-1.28949	-1.28949

### **Node=End Groups Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.329 - 1.460	1.46030	1.46030	1.46030	1.46030	1.58841	1.33085
1.065 - 1.197	1.18027	1.18057	1.17987	1.18027	1.57618	0.84963
0.670 - 0.802	0.68602	0.68602	0.68602	0.68602	1.55847	-0.17275
0.275 - 0.407	0.35714	0.35714	0.35714	0.35714	1.58775	-1.28949
0.144 - 0.275	0.25729	0.25729	0.25729	0.25729	1.75390	-1.28949
-0.120 - 0.012	-0.02389	-0.02389	-0.02389	-0.02389	1.37243	-1.15607
-0.252 - -0.120	-0.22798	-0.22798	-0.22798	-0.22798	0.84963	-1.28949
-0.383 - -0.252	-0.29058	-0.29058	-0.29058	-0.29058	1.76974	-1.28949
-1.173 - -1.042	-1.17330	-1.17330	-1.17330	-1.17330	-0.06966	-1.28949

### **Node=End Groups Score Distributions**

Group= $\wedge$ (fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.063 - 1.161	1.16133	1.16133	1.16133	1.16133	1.65900	0.25804
0.573 - 0.671	0.67042	0.67042	0.67042	0.67042	1.25123	-0.12652
0.279 - 0.377	0.32571	0.32571	0.32571	0.32571	1.71877	-1.28949
0.083 - 0.181	0.11164	0.11164	0.11164	0.11164	1.38199	-1.28949
-0.309 - -0.211	-0.29240	-0.29240	-0.29240	-0.29240	1.76974	-1.28949
-0.701 - -0.603	-0.64247	-0.64247	-0.64247	-0.64247	0.87666	-1.28949
-0.800 - -0.701	-0.79950	-0.79950	-0.79950	-0.79950	1.37243	-1.28949

### Node=End Groups Score Distributions

Group= $\wedge$ (fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.384 - 1.503	1.50312	1.50312	1.50312	1.50312	1.58841	1.38199
1.144 - 1.264	1.23336	1.26220	1.18721	1.23336	1.65900	0.84963
0.786 - 0.905	0.89488	0.89488	0.89488	0.89488	1.14337	0.19467
0.427 - 0.546	0.48143	0.48143	0.48143	0.48143	0.92080	0.05382
0.307 - 0.427	0.34687	0.34687	0.34687	0.34687	1.75390	-1.28949
-0.410 - -0.291	-0.29554	-0.29554	-0.29554	-0.29554	1.76974	-1.28949
-0.769 - -0.650	-0.72455	-0.72455	-0.72455	-0.72455	0.75303	-1.28949
-0.889 - -0.769	-0.88879	-0.88879	-0.88879	-0.88879	1.37243	-1.28949

### Node=End Groups Score Distributions

Group= $\wedge$ (fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.169 - 1.273	1.23006	1.27304	1.17635	1.23006	1.58841	0.70134
1.064 - 1.169	1.12315	1.15129	1.09266	1.12315	1.68187	0.38251
0.438 - 0.543	0.52553	0.52553	0.52553	0.52553	1.25802	-0.17275
0.125 - 0.230	0.19214	0.19214	0.19214	0.19214	1.75390	-1.28949
0.021 - 0.125	0.07060	0.07060	0.07060	0.07060	0.72559	-1.28949
-0.188 - -0.083	-0.18004	-0.18004	-0.18004	-0.18004	1.76974	-1.28949
-0.605 - -0.501	-0.58830	-0.58830	-0.58830	-0.58830	1.72302	-1.28949
-0.814 - -0.710	-0.81387	-0.81387	-0.81387	-0.81387	0.75303	-1.28949

### Node=End Groups Score Distributions

Group= $\wedge$ (fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.836 - 0.936	0.93596	0.93596	0.93596	0.93596	1.71877	-1.28949
0.636 - 0.736	0.70054	0.70054	0.70054	0.70054	1.76974	-1.28949
0.535 - 0.636	0.54382	0.54382	0.54382	0.54382	1.38199	-1.28949
0.235 - 0.335	0.31075	0.31075	0.31075	0.31075	1.51224	-1.28949
0.135 - 0.235	0.15709	0.15709	0.15709	0.15709	0.49777	-0.39395
-0.065 - 0.035	-0.00714	0.00655	-0.00816	-0.00714	1.66657	-1.28949
-0.165 - -0.065	-0.14571	-0.14571	-0.14571	-0.14571	1.72302	-1.28949
-0.666 - -0.566	-0.63557	-0.63557	-0.63557	-0.63557	1.47303	-1.28949
-0.866 - -0.766	-0.86227	-0.86227	-0.86227	-0.86227	0.17608	-1.28949
-0.966 - -0.866	-0.90612	-0.90612	-0.90612	-0.90612	-0.43832	-1.28949
-1.067 - -0.966	-0.99468	-0.97071	-1.06661	-0.99468	-0.00312	-1.28949

## Node=End Groups Score Distributions

Group= $\wedge$ (fold\_ =7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.098 - 1.213	1.21104	1.21344	1.20939	1.21104	1.65900	0.19467
0.634 - 0.750	0.66811	0.66811	0.66811	0.66811	1.55847	-0.15701
0.286 - 0.402	0.30675	0.30675	0.30675	0.30675	1.75390	-1.28949
0.054 - 0.170	0.09177	0.09177	0.09177	0.09177	1.37243	-1.28949
-0.178 - -0.062	-0.15104	-0.15104	-0.15104	-0.15104	1.02403	-1.28949
-0.410 - -0.294	-0.32028	-0.32028	-0.32028	-0.32028	1.76974	-1.28949
-0.989 - -0.873	-0.97051	-0.97051	-0.97051	-0.97051	-0.29355	-1.28949
-1.105 - -0.989	-1.09283	-1.06129	-1.10509	-1.09283	-0.06966	-1.28949

## Node=End Groups Score Distributions

Group= $\wedge$ (fold\_ =8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.823 - 0.933	0.89132	0.93319	0.86517	0.89132	1.75390	-1.28949
0.384 - 0.494	0.47538	0.47538	0.47538	0.47538	1.71877	-1.28949
-0.165 - -0.055	-0.08563	-0.08563	-0.08563	-0.08563	0.84963	-0.85936
-0.275 - -0.165	-0.19537	-0.19292	-0.19783	-0.19537	1.37243	-1.28949
-0.494 - -0.384	-0.39238	-0.39238	-0.39238	-0.39238	1.76974	-1.28949
-0.604 - -0.494	-0.50278	-0.50278	-0.50278	-0.50278	0.46525	-1.28949
-0.714 - -0.604	-0.65810	-0.64602	-0.66845	-0.65810	0.83372	-1.28949
-0.824 - -0.714	-0.71991	-0.71991	-0.71991	-0.71991	0.76638	-1.28949
-1.263 - -1.153	-1.23676	-1.16970	-1.26280	-1.23676	-0.65100	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.363 - 1.503	1.48171	1.50312	1.46030	1.50340	1.58775	1.41905
1.224 - 1.363	1.27304	1.27304	1.27304	1.07475	1.07475	1.07475
1.084 - 1.224	1.17255	1.21344	1.12728	1.20953	1.65900	0.70134
0.945 - 1.084	1.05625	1.05625	1.05625	1.06602	1.06602	1.06602
0.805 - 0.945	0.89142	0.93596	0.86517	0.85785	1.75390	-1.28949
0.665 - 0.805	0.69152	0.70054	0.66811	0.39560	1.25802	-0.94555
0.526 - 0.665	0.54382	0.54382	0.54382	1.38199	1.38199	1.38199
0.386 - 0.526	0.48163	0.52553	0.47538	0.57185	1.50263	-1.28949
0.246 - 0.386	0.30781	0.35714	0.25729	0.29326	1.71877	-1.28949
0.107 - 0.246	0.18164	0.19214	0.11164	-0.16666	1.34127	-1.28949
-0.033 - 0.107	0.00387	0.09177	-0.02389	-0.18354	1.18475	-1.28949
-0.172 - -0.033	-0.11592	-0.08563	-0.15104	0.27029	1.28763	-1.28949
-0.312 - -0.172	-0.27872	-0.18004	-0.29554	-0.19948	1.76974	-1.28949
-0.452 - -0.312	-0.35701	-0.32028	-0.39238	-0.58063	1.16447	-1.28949
-0.591 - -0.452	-0.57321	-0.50278	-0.58830	-0.14619	1.72302	-1.28949
-0.731 - -0.591	-0.66171	-0.63557	-0.72455	-0.84607	0.63374	-1.28949
-0.871 - -0.731	-0.80361	-0.79950	-0.81387	-0.86103	0.75303	-1.28949
-1.010 - -0.871	-0.92975	-0.88879	-0.97071	-0.14436	1.37243	-1.28949
-1.150 - -1.010	-1.07181	-1.02189	-1.10509	-0.95950	-0.06966	-1.28949
-1.289 - -1.150	-1.22304	-1.16970	-1.28949	-1.23144	-0.65100	-1.28949

## Node=End Groups

## Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	346
2	^(fold_=2)	342
3	^(fold_=3)	344
4	^(fold_=4)	345
5	^(fold_=5)	346
6	^(fold_=6)	334
7	^(fold_=7)	342
8	^(fold_=8)	352

## SAS Enterprise Miner Report

### Node=HP Regression stepwise Summary

Node id = HPReg3  
 Node label = HP Regression stepwise  
 Meta path = Ids => Trans => Grp8 => HPReg3  
 Notes =

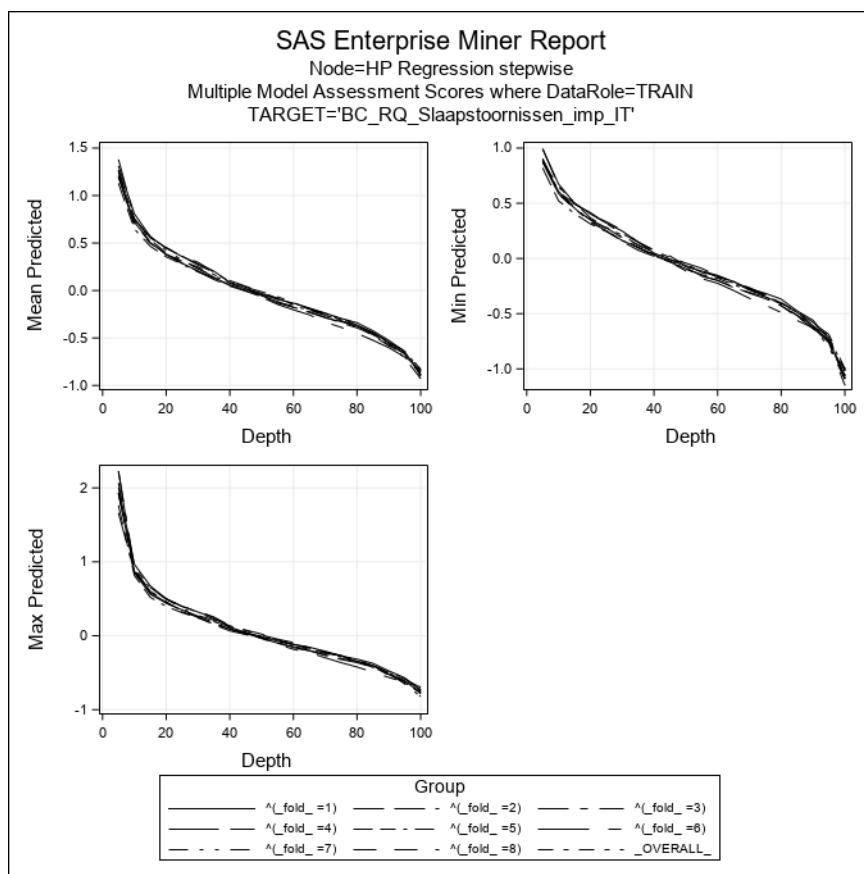
### Node=HP Regression stepwise Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	HPDMReg		MAXFUNC	.		Polynomial	N	
ABSCONV	.		MAXITER	.		PolynomialDegree	2	
ABSFCNV	.		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_Slaapstoornissen_imp_IT
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	Average Squared Error	Squared Errors
1	^(fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	0.76044	344	2.49109	344	0.87203	261.593
2	^(fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	0.75937	334	2.37425	334	0.87142	253.630
3	^(fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	0.72196	352	2.19388	352	0.84968	254.130
4	^(fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	0.76441	345	2.30488	345	0.87430	263.720
5	^(fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	0.77203	349	2.23193	349	0.87865	269.439
6	^(fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	0.77597	333	2.38826	333	0.88089	258.398
7	^(fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	0.71512	333	2.04753	333	0.84565	238.134
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	0.77310	343	2.30986	343	0.87926	265.175
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	0.76522	393	2.37425	393	0.87477	300.731



### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}1)$



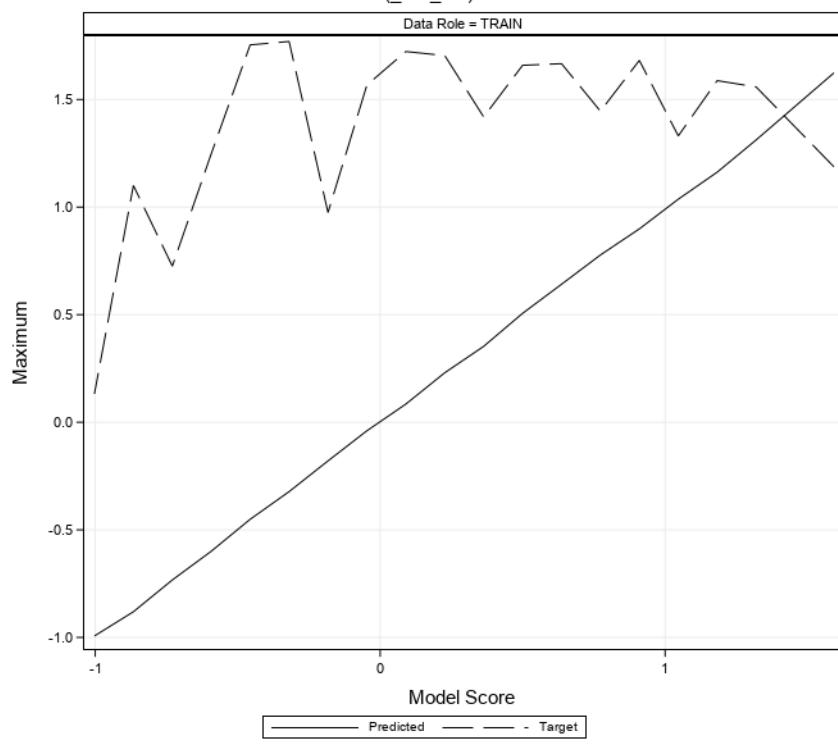
### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}2)$



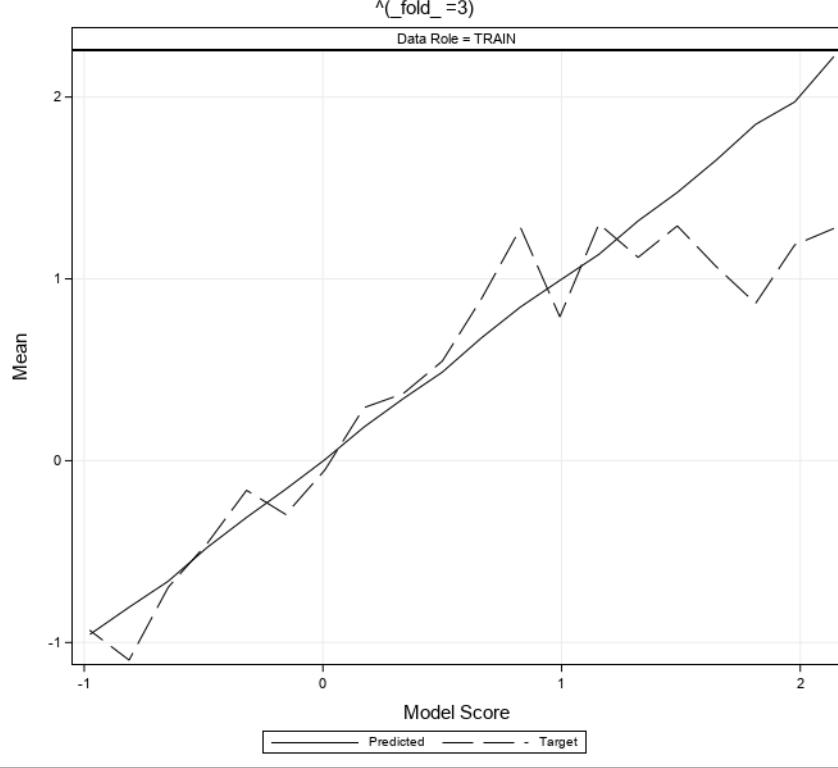
### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}2)$



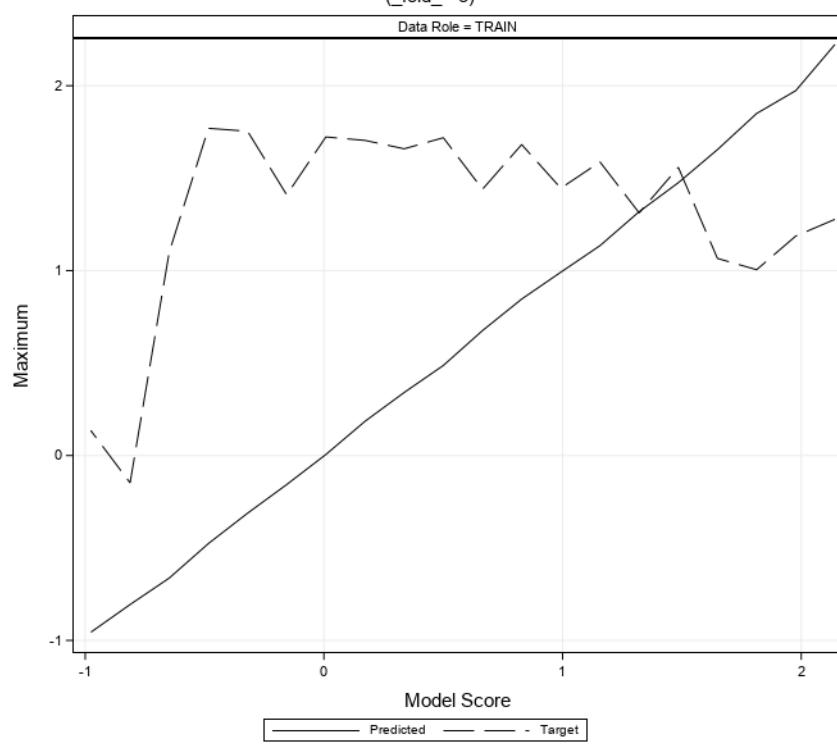
### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}3)$



### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}3)$



### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}4)$

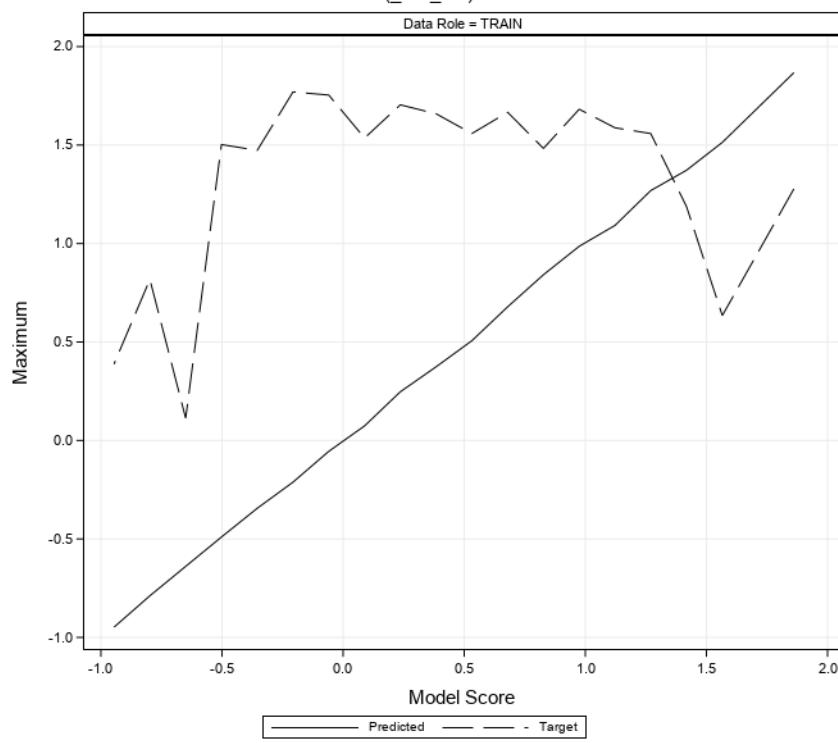


### SAS Enterprise Miner Report

Node=HP Regression stepwise

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=HP Regression stepwise

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

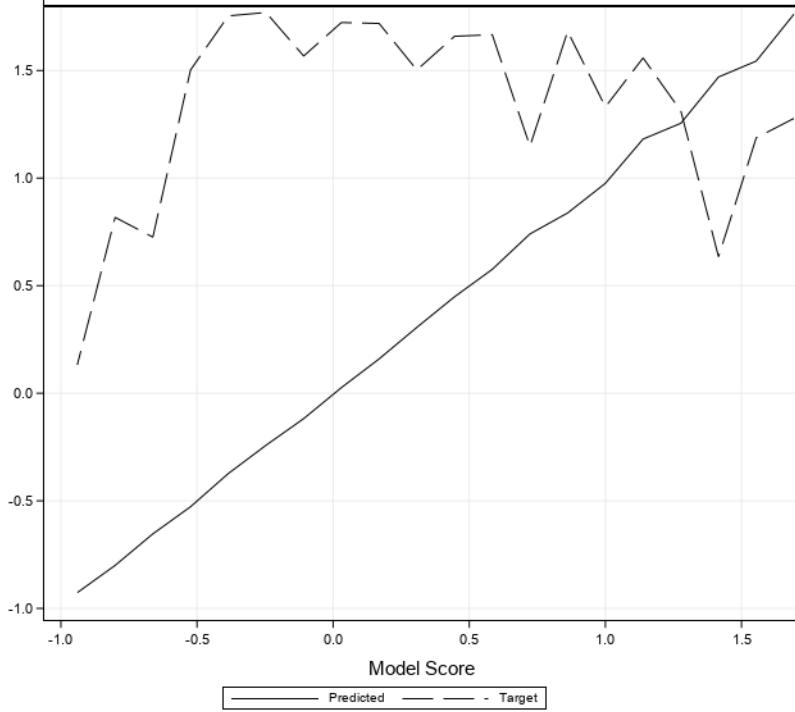


### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}5)$

Data Role = TRAIN

Maximum



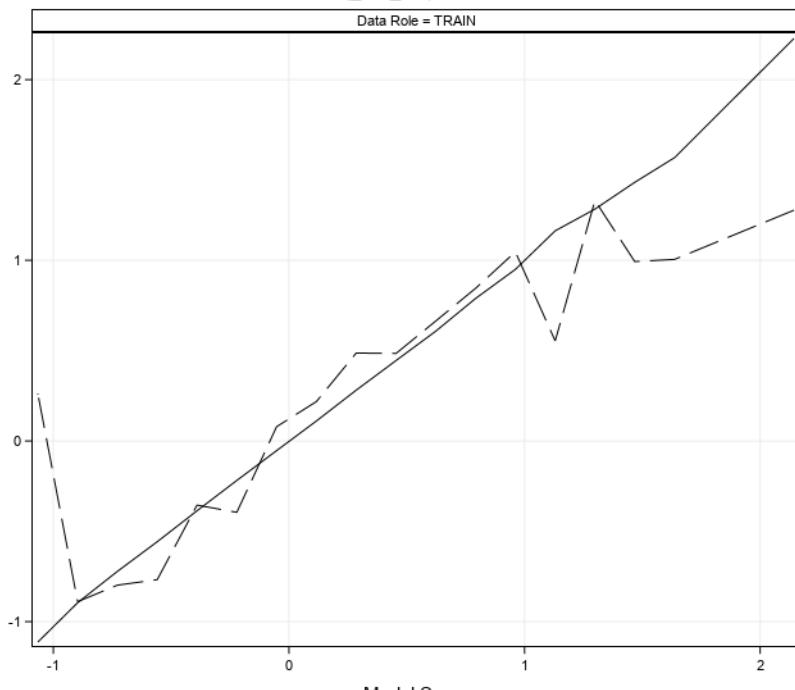
— Predicted — - Target

### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}6)$

Data Role = TRAIN

Mean



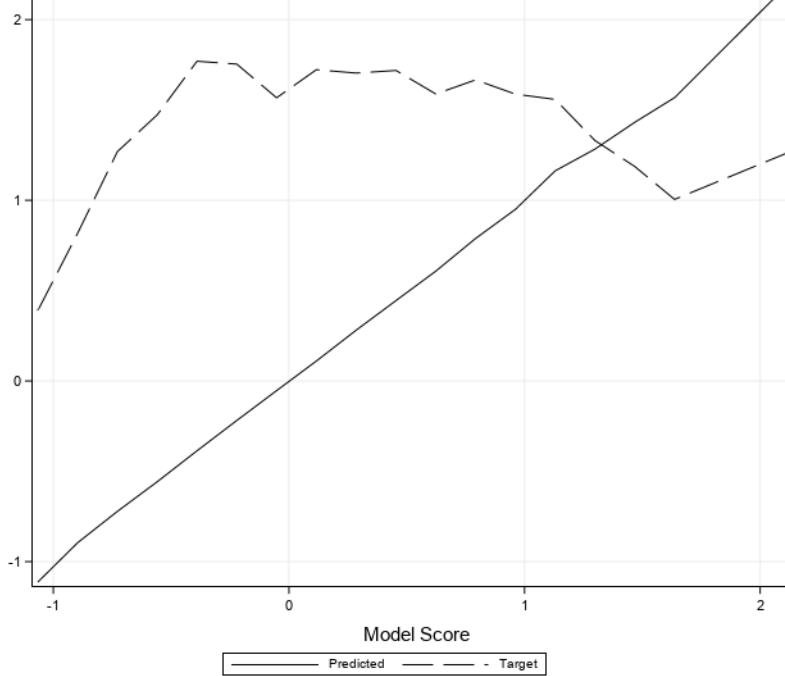
— Predicted — - Target

### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}6)$

Data Role = TRAIN

Maximum



Model Score

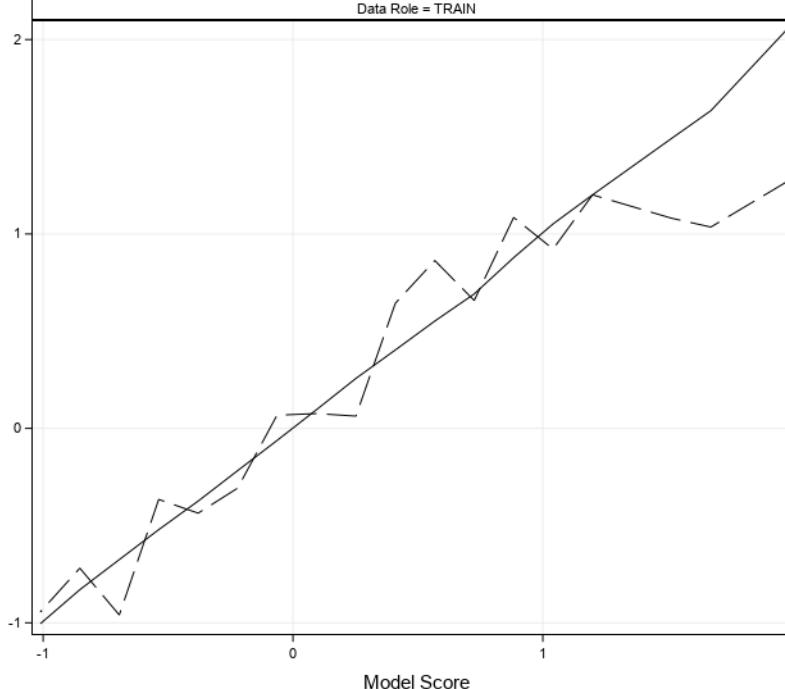
—— Predicted —— - Target

### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}7)$

Data Role = TRAIN

Mean



Model Score

—— Predicted —— - Target

### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}7)$



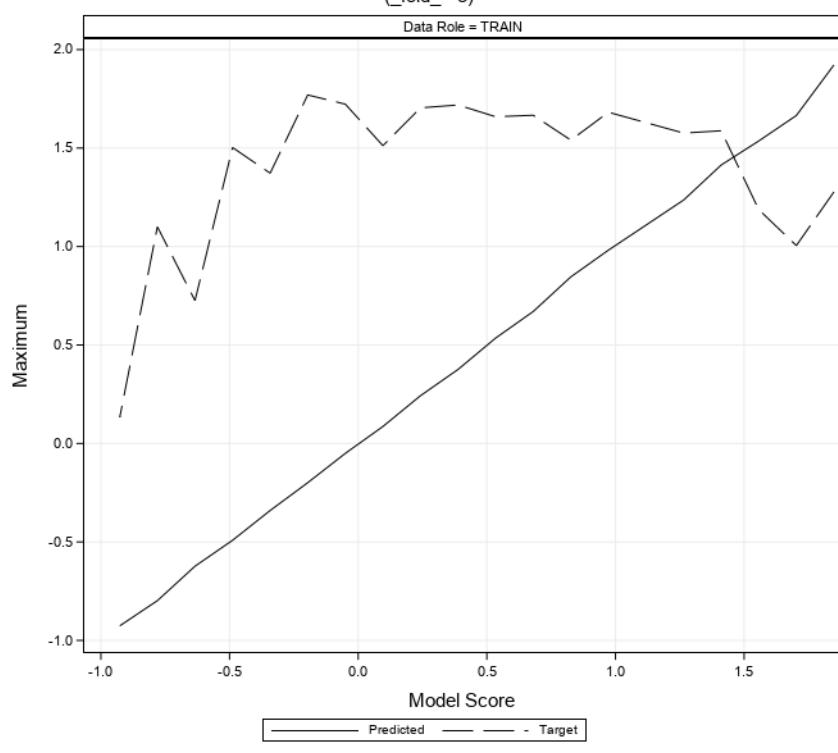
### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}8)$



### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}8)$



### SAS Enterprise Miner Report

Node=HP Regression stepwise  
 Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{overall}_\text{=})$





### **Node=HP Regression stepwise Score Distributions**

Group=^(\_fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.848 - 2.003	1.96514	2.00326	1.92702	1.14120	1.27739	1.00501
1.539 - 1.694	1.56523	1.56781	1.56156	0.79464	1.02403	0.63431
1.384 - 1.539	1.41174	1.41864	1.40485	1.05575	1.18714	0.92436
1.229 - 1.384	1.33249	1.33249	1.33249	1.58775	1.58775	1.58775
1.074 - 1.229	1.14957	1.21033	1.08178	0.43524	1.06602	-1.28949
0.919 - 1.074	0.99322	1.05670	0.93005	1.29526	1.68187	0.76638
0.764 - 0.919	0.82984	0.90567	0.77264	0.56854	1.54020	-0.43832
0.610 - 0.764	0.68385	0.73565	0.61051	1.39309	1.66657	0.88680
0.455 - 0.610	0.52552	0.59328	0.46816	0.59042	1.50263	-1.15607
0.300 - 0.455	0.37276	0.44948	0.30493	0.29999	1.71877	-1.28949
0.145 - 0.300	0.23263	0.29528	0.14849	0.27824	1.72302	-1.28949
-0.010 - 0.145	0.05085	0.11668	-0.00719	0.37465	1.70423	-1.28949
-0.165 - -0.010	-0.09161	-0.01291	-0.15621	-0.18869	1.75390	-1.28949
-0.320 - -0.165	-0.24669	-0.16599	-0.31897	-0.16110	1.76974	-1.28949
-0.474 - -0.320	-0.38363	-0.32054	-0.46157	-0.53851	1.47303	-1.28949
-0.629 - -0.474	-0.54398	-0.47495	-0.62514	-0.57921	1.24789	-1.28949
-0.784 - -0.629	-0.71655	-0.63104	-0.78094	-0.97188	1.10033	-1.28949
-0.939 - -0.784	-0.88248	-0.83000	-0.93237	-1.28930	-1.28820	-1.28949
-1.094 - -0.939	-1.02574	-0.97865	-1.09378	-0.56754	0.38961	-1.28949

### **Node=HP Regression stepwise Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.524 - 1.661	1.62383	1.66077	1.59177	0.94215	1.18714	0.63431
1.251 - 1.388	1.31205	1.34748	1.26336	1.15508	1.55847	0.72559
1.114 - 1.251	1.16229	1.20020	1.12437	1.58196	1.58775	1.57618
0.978 - 1.114	1.03664	1.08476	1.00987	0.46359	1.33085	-1.28949
0.841 - 0.978	0.89864	0.96085	0.85688	0.82956	1.68187	-0.43832
0.705 - 0.841	0.77746	0.82886	0.74060	0.69493	1.44567	-1.15607
0.568 - 0.705	0.64131	0.70054	0.58111	1.26761	1.66657	0.69221
0.432 - 0.568	0.50620	0.55555	0.45353	0.44103	1.65900	-1.28949
0.295 - 0.432	0.35280	0.42441	0.29967	0.36377	1.41905	-1.28949
0.158 - 0.295	0.23003	0.28511	0.16616	0.14725	1.70423	-1.28949
0.022 - 0.158	0.08445	0.15403	0.02416	0.20647	1.72302	-1.28949
-0.115 - 0.022	-0.03956	0.02026	-0.11124	0.14458	1.56738	-1.28949
-0.251 - -0.115	-0.17964	-0.11571	-0.24022	-0.30207	0.97484	-1.28949
-0.388 - -0.251	-0.32254	-0.25936	-0.38635	-0.30047	1.76974	-1.28949
-0.525 - -0.388	-0.45101	-0.39204	-0.51938	-0.43915	1.75390	-1.28949
-0.661 - -0.525	-0.59960	-0.53603	-0.66006	-0.83674	1.24789	-1.28949
-0.798 - -0.661	-0.73299	-0.67167	-0.78775	-0.98283	0.72559	-1.28949
-0.934 - -0.798	-0.88073	-0.81672	-0.93433	-0.53191	1.10033	-1.28949
-1.071 - -0.934	-0.99325	-0.93932	-1.07092	-0.80682	0.13394	-1.28949

### Node=HP Regression stepwise Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.059 - 2.223	2.22312	2.22312	2.22312	1.27739	1.27739	1.27739
1.895 - 2.059	1.97342	1.97342	1.97342	1.18714	1.18714	1.18714
1.731 - 1.895	1.84982	1.86677	1.83287	0.86530	1.00501	0.72559
1.567 - 1.731	1.65448	1.65448	1.65448	1.06602	1.06602	1.06602
1.403 - 1.567	1.47543	1.47722	1.47364	1.29125	1.55847	1.02403
1.239 - 1.403	1.31877	1.38149	1.25605	1.11830	1.31225	0.92436
1.075 - 1.239	1.13496	1.20108	1.07708	1.30233	1.58775	0.92080
0.911 - 1.075	0.99159	1.02184	0.92093	0.79110	1.44567	-0.43832
0.747 - 0.911	0.84613	0.88971	0.75520	1.28006	1.68187	0.69707
0.582 - 0.747	0.67571	0.73464	0.58767	0.89116	1.44021	-1.15607
0.418 - 0.582	0.48713	0.57198	0.42155	0.54776	1.71877	-1.28949
0.254 - 0.418	0.34096	0.41755	0.25596	0.36865	1.65891	-1.28949
0.090 - 0.254	0.18510	0.25248	0.09455	0.29195	1.70423	-1.28949
-0.074 - 0.090	0.00556	0.08922	-0.07304	-0.05111	1.72302	-1.28949
-0.238 - -0.074	-0.15696	-0.07717	-0.23526	-0.29577	1.40996	-1.28949
-0.402 - -0.238	-0.31206	-0.23906	-0.39123	-0.16281	1.75390	-1.28949
-0.566 - -0.402	-0.47627	-0.40734	-0.56509	-0.45375	1.76974	-1.28949
-0.730 - -0.566	-0.66286	-0.56915	-0.72609	-0.69626	1.10033	-1.28949
-0.894 - -0.730	-0.80597	-0.73594	-0.89115	-1.09669	-0.14766	-1.28949
-1.058 - -0.894	-0.95550	-0.89746	-1.05822	-0.93363	0.13394	-1.28949

### Node=HP Regression stepwise Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.787 - 1.935	1.86744	1.93482	1.80007	1.14120	1.27739	1.00501
1.492 - 1.639	1.51357	1.51357	1.51357	0.63431	0.63431	0.63431
1.344 - 1.492	1.37219	1.38021	1.36416	0.95637	1.18714	0.72559
1.196 - 1.344	1.26891	1.30769	1.19784	1.40052	1.55847	1.31225
1.049 - 1.196	1.09204	1.12670	1.05737	1.06137	1.58775	0.53499
0.901 - 1.049	0.98602	1.01540	0.93626	0.76376	1.68187	-1.28949
0.753 - 0.901	0.84145	0.89900	0.76477	0.77250	1.48303	-1.15607
0.606 - 0.753	0.67868	0.75173	0.60866	0.74082	1.66657	-1.28949
0.458 - 0.606	0.50653	0.59908	0.45854	0.52398	1.55847	-1.28949
0.310 - 0.458	0.37408	0.44605	0.32509	0.46664	1.65891	-1.28949
0.162 - 0.310	0.24717	0.30984	0.16905	0.20421	1.70423	-1.28949
0.015 - 0.162	0.07396	0.16095	0.02015	0.40029	1.53572	-1.28949
-0.133 - 0.015	-0.05515	0.00993	-0.12635	0.02192	1.75390	-1.28949
-0.281 - -0.133	-0.21160	-0.14907	-0.27960	-0.29120	1.76974	-1.28949
-0.428 - -0.281	-0.34441	-0.28547	-0.42398	-0.38252	1.47303	-1.28949
-0.576 - -0.428	-0.49031	-0.43189	-0.57372	-0.56273	1.50263	-1.28949
-0.724 - -0.576	-0.63937	-0.57913	-0.70102	-0.98342	0.11328	-1.28949
-0.872 - -0.724	-0.78855	-0.72709	-0.85177	-0.73991	0.81745	-1.28949
-1.019 - -0.872	-0.94757	-0.87699	-1.01921	-0.81704	0.38961	-1.28949

### Node=HP Regression stepwise Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.623 - 1.762	1.76179	1.76179	1.76179	1.27739	1.27739	1.27739
1.485 - 1.623	1.54383	1.56710	1.52055	1.09607	1.18714	1.00501
1.346 - 1.485	1.46972	1.46972	1.46972	0.63431	0.63431	0.63431
1.208 - 1.346	1.25473	1.28944	1.22003	1.01892	1.31225	0.72559
1.069 - 1.208	1.18139	1.20279	1.15999	1.29125	1.55847	1.02403
0.931 - 1.069	0.97568	1.02846	0.93827	0.48430	1.33085	-1.28949
0.792 - 0.931	0.83800	0.90432	0.80236	0.96947	1.68187	-0.43832
0.654 - 0.792	0.74044	0.79123	0.66313	0.42672	1.14827	-1.15607
0.515 - 0.654	0.57578	0.65007	0.51699	0.73266	1.66657	-0.78226
0.377 - 0.515	0.44834	0.50568	0.37888	0.39599	1.65900	-1.28949
0.238 - 0.377	0.30605	0.37446	0.24072	0.39368	1.50263	-1.28949
0.100 - 0.238	0.15958	0.23376	0.10470	0.32093	1.71877	-1.28949
-0.039 - 0.100	0.02608	0.09935	-0.03337	0.09001	1.72302	-1.28949
-0.177 - -0.039	-0.11797	-0.04070	-0.17469	-0.13331	1.56738	-1.28949
-0.316 - -0.177	-0.24186	-0.17844	-0.31516	-0.25538	1.76974	-1.28949
-0.454 - -0.316	-0.37333	-0.31642	-0.45333	-0.37312	1.75390	-1.28949
-0.593 - -0.454	-0.52743	-0.46045	-0.58479	-0.65644	1.50263	-1.28949
-0.732 - -0.593	-0.65363	-0.59531	-0.71655	-0.75379	0.72559	-1.28949
-0.870 - -0.732	-0.80009	-0.73610	-0.84792	-0.87883	0.81745	-1.28949
-1.009 - -0.870	-0.92628	-0.87518	-1.00855	-0.77490	0.13394	-1.28949

### Node=HP Regression stepwise Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.059 - 2.228	2.22786	2.22786	2.22786	1.27739	1.27739	1.27739
1.552 - 1.721	1.56821	1.56821	1.56821	1.00501	1.00501	1.00501
1.383 - 1.552	1.43175	1.47494	1.39596	0.99292	1.18714	0.72559
1.214 - 1.383	1.28344	1.28344	1.28344	1.33085	1.33085	1.33085
1.046 - 1.214	1.16307	1.20746	1.09878	0.55389	1.55847	-1.28949
0.877 - 1.046	0.94971	1.03443	0.88711	1.04659	1.58775	0.53499
0.708 - 0.877	0.78877	0.87397	0.71347	0.84482	1.66657	-1.15607
0.539 - 0.708	0.60778	0.66721	0.54275	0.66406	1.58841	-0.61896
0.370 - 0.539	0.44500	0.53064	0.37609	0.48414	1.71877	-1.28949
0.201 - 0.370	0.28117	0.35965	0.21282	0.48660	1.70423	-1.28949
0.032 - 0.201	0.11054	0.19468	0.03422	0.21799	1.72302	-1.28949
-0.137 - 0.032	-0.05352	0.02984	-0.13429	0.07890	1.56738	-1.28949
-0.306 - -0.137	-0.21856	-0.14762	-0.30353	-0.39508	1.75390	-1.28949
-0.475 - -0.306	-0.38650	-0.30711	-0.47162	-0.35494	1.76974	-1.28949
-0.644 - -0.475	-0.55780	-0.47801	-0.63413	-0.76768	1.47303	-1.28949
-0.812 - -0.644	-0.72176	-0.64607	-0.79323	-0.79815	1.26982	-1.28949
-0.981 - -0.812	-0.89536	-0.83269	-0.96428	-0.88964	0.81745	-1.28949
-1.150 - -0.981	-1.11323	-1.07618	-1.15028	0.26178	0.38961	0.13394

### Node=HP Regression stepwise

#### Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.909 - 2.067	2.06721	2.06721	2.06721	1.27739	1.27739	1.27739
1.594 - 1.752	1.63402	1.66506	1.60297	1.03551	1.06602	1.00501
1.436 - 1.594	1.49075	1.52103	1.44941	1.08119	1.33085	0.72559
1.120 - 1.278	1.20118	1.26836	1.12456	1.20118	1.57618	0.53499
0.962 - 1.120	1.05182	1.07962	1.02401	0.92258	0.92436	0.92080
0.804 - 0.962	0.87813	0.95714	0.82386	1.08477	1.68187	-0.43832
0.647 - 0.804	0.69155	0.74677	0.64784	0.65774	1.65900	-1.28949
0.489 - 0.647	0.55194	0.62656	0.50309	0.86323	1.65891	-0.61896
0.331 - 0.489	0.40327	0.47668	0.33212	0.64349	1.55847	-1.28949
0.173 - 0.331	0.25700	0.32658	0.18447	0.06317	1.72302	-1.28949
0.015 - 0.173	0.09607	0.17278	0.01585	0.07621	1.53572	-1.28949
-0.143 - 0.015	-0.06228	0.00744	-0.14237	0.06782	1.75390	-1.28949
-0.301 - -0.143	-0.21761	-0.14281	-0.28990	-0.30745	1.76974	-1.28949
-0.458 - -0.301	-0.37397	-0.30108	-0.45825	-0.43611	1.47303	-1.28949
-0.616 - -0.458	-0.52095	-0.45928	-0.61175	-0.36533	1.24789	-1.28949
-0.774 - -0.616	-0.67509	-0.61736	-0.76474	-0.95985	0.96579	-1.28949
-0.932 - -0.774	-0.82970	-0.77644	-0.90075	-0.71902	0.81745	-1.28949
-1.090 - -0.932	-1.00463	-0.94825	-1.08987	-0.94387	0.13394	-1.28949

### Node=HP Regression stepwise

#### Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.776 - 1.922	1.92203	1.92203	1.92203	1.27739	1.27739	1.27739
1.630 - 1.776	1.66536	1.66536	1.66536	1.00501	1.00501	1.00501
1.484 - 1.630	1.53609	1.55170	1.52574	0.99292	1.18714	0.72559
1.338 - 1.484	1.41384	1.45261	1.37507	1.57311	1.58775	1.55847

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.192 - 1.338	1.23586	1.29914	1.19952	1.30415	1.57618	1.02403
0.899 - 1.046	0.98162	1.02065	0.91783	0.87629	1.68187	-1.28949
0.753 - 0.899	0.84590	0.89303	0.79150	0.73145	1.54020	-1.15607
0.607 - 0.753	0.67017	0.72458	0.63786	0.95652	1.66657	-0.56265
0.461 - 0.607	0.53534	0.59752	0.46971	0.51653	1.65900	-1.28949
0.315 - 0.461	0.37601	0.45615	0.31798	0.49899	1.71877	-1.28949
0.169 - 0.315	0.24260	0.31303	0.17495	0.37597	1.70423	-1.28949
0.023 - 0.169	0.08619	0.15994	0.02376	0.14992	1.51224	-1.28949
-0.123 - 0.023	-0.05032	0.02250	-0.12082	-0.09450	1.72302	-1.28949
-0.269 - -0.123	-0.19921	-0.13071	-0.26888	-0.15559	1.76974	-1.28949
-0.415 - -0.269	-0.34042	-0.27002	-0.41041	-0.41669	1.37243	-1.28949
-0.561 - -0.415	-0.49163	-0.42367	-0.55587	-0.64735	1.50263	-1.28949
-0.707 - -0.561	-0.62339	-0.56966	-0.70066	-0.77809	0.72559	-1.28949
-0.853 - -0.707	-0.79816	-0.74298	-0.84485	-0.51974	1.10033	-1.28949
-1.000 - -0.853	-0.92586	-0.87543	-0.99954	-1.00480	0.13394	-1.28949

### Node=HP Regression stepwise Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.784 - 1.935	1.88385	1.93482	1.83287	1.00149	1.27739	0.72559
1.632 - 1.784	1.66077	1.66077	1.66077	1.00501	1.00501	1.00501
1.481 - 1.632	1.57734	1.60297	1.55170	1.12658	1.18714	1.06602
1.330 - 1.481	1.41662	1.41662	1.41662	0.63431	0.63431	0.63431
1.179 - 1.330	1.24226	1.28344	1.19952	1.34042	1.57618	0.92436
1.027 - 1.179	1.08114	1.16092	1.02846	0.47149	1.48303	-1.15607
0.876 - 1.027	0.93631	1.02065	0.88802	1.08841	1.68187	-0.43832
0.725 - 0.876	0.80559	0.87181	0.72796	0.94363	1.54020	0.38251
0.574 - 0.725	0.64779	0.72458	0.57708	0.69426	1.66657	-1.28949
0.422 - 0.574	0.50428	0.56981	0.44153	0.73911	1.55847	-1.28949
0.271 - 0.422	0.33956	0.41841	0.27303	0.51128	1.71877	-1.28949
0.120 - 0.271	0.20538	0.27091	0.12108	0.03719	1.70423	-1.28949
-0.031 - 0.120	0.03469	0.11527	-0.03118	0.21060	1.51224	-1.28949
-0.182 - -0.031	-0.10469	-0.03216	-0.17589	-0.23123	1.75390	-1.28949
-0.334 - -0.182	-0.25894	-0.18848	-0.33005	-0.16553	1.76974	-1.28949
-0.485 - -0.334	-0.39917	-0.33405	-0.48395	-0.39597	1.47303	-1.28949
-0.636 - -0.485	-0.57252	-0.50310	-0.63027	-0.65580	1.24789	-1.28949
-0.787 - -0.636	-0.68763	-0.64191	-0.77834	-0.97012	0.96579	-1.28949
-0.939 - -0.787	-0.85350	-0.79777	-0.92204	-0.54112	1.10033	-1.28949
-1.090 - -0.939	-1.04942	-0.97341	-1.08987	-0.35328	0.38961	-1.28949

### Node=HP Regression stepwise Summary

Group Index	Group	Frequency Count
1	^( <u>fold_</u> =1)	340
2	^( <u>fold_</u> =2)	339
3	^( <u>fold_</u> =3)	343
4	^( <u>fold_</u> =4)	341
5	^( <u>fold_</u> =5)	350
6	^( <u>fold_</u> =6)	339

Group Index	Group	Frequency Count
7	$\wedge(\text{fold\_}=7)$	354
8	$\wedge(\text{fold\_}=8)$	345

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp8  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp8 => HPReg3 => EndGrp8  
 Notes =

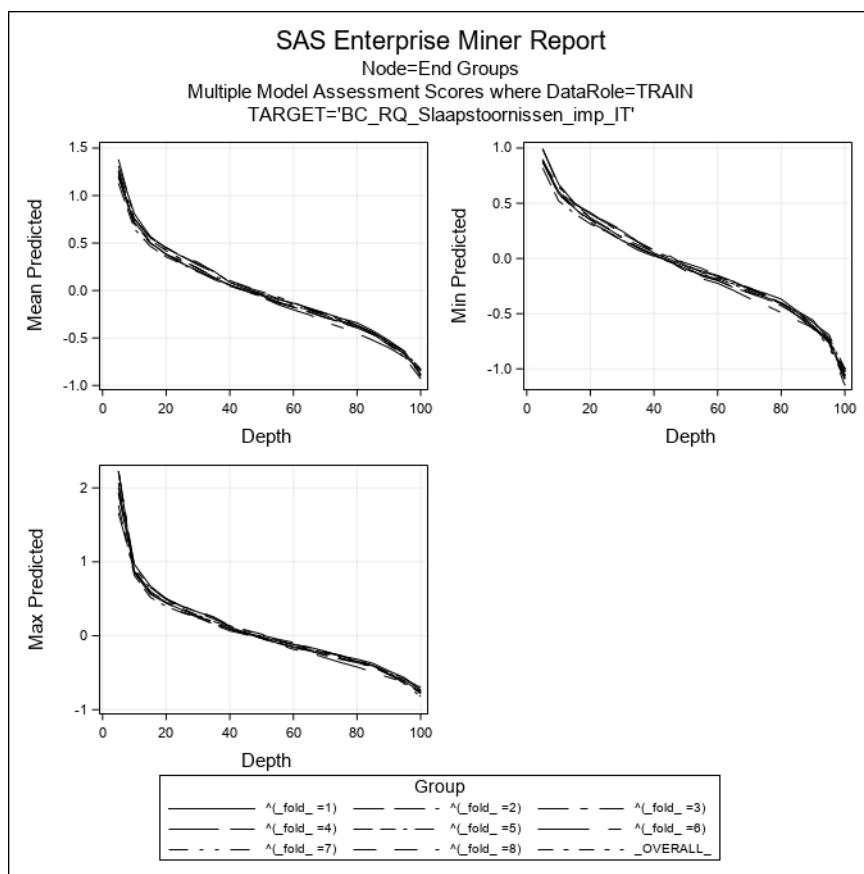
### Node=End Groups Properties

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	9	ASItot_imp_IT BAQtot_imp_IT NEO_C_imp_IT NEO_N_imp_IT PASStot_imp_IT PHQ9dep_imp_IT PTSDtotal_imp_IT VSItot_imp_IT_XVAL_	
INPUT	NOMINAL	1	classification	

Group Index	Group	ModelId	Train: Target Variable	Train:		Train:		Train:		Train: Root Sum of Squared Errors	Train: Sum of Squared Errors	Target Label
				Average Squared Error	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error				
1	^(fold_=1)	HPReg3	BC_RQ_Slaapstoornissen_imp_IT	0.76044	344	2.49109	344	0.87203	261.593	ReQuest (sleep subscale) (Box-Cox transformed)		
2	^(fold_=2)	HPReg3	BC_RQ_Slaapstoornissen_imp_IT	0.75937	334	2.37425	334	0.87142	253.630	ReQuest (sleep subscale) (Box-Cox transformed)		
3	^(fold_=3)	HPReg3	BC_RQ_Slaapstoornissen_imp_IT	0.72196	352	2.19388	352	0.84968	254.130	ReQuest (sleep subscale) (Box-Cox transformed)		
4	^(fold_=4)	HPReg3	BC_RQ_Slaapstoornissen_imp_IT	0.76441	345	2.30488	345	0.87430	263.720	ReQuest (sleep subscale) (Box-Cox transformed)		
5	^(fold_=5)	HPReg3	BC_RQ_Slaapstoornissen_imp_IT	0.77203	349	2.23193	349	0.87865	269.439	ReQuest (sleep subscale) (Box-Cox transformed)		
6	^(fold_=6)	HPReg3	BC_RQ_Slaapstoornissen_imp_IT	0.77597	333	2.38826	333	0.88089	258.398	ReQuest (sleep subscale) (Box-Cox transformed)		
7	^(fold_=7)	HPReg3	BC_RQ_Slaapstoornissen_imp_IT	0.71512	333	2.04753	333	0.84565	238.134	ReQuest (sleep subscale) (Box-Cox transformed)		
8	^(fold_=8)	HPReg3	BC_RQ_Slaapstoornissen_imp_IT	0.77310	343	2.30986	343	0.87926	265.175	ReQuest (sleep subscale) (Box-Cox transformed)		
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	0.76151	393	2.38826	393	0.87265	299.274	ReQuest (sleep subscale) (Box-Cox transformed)		

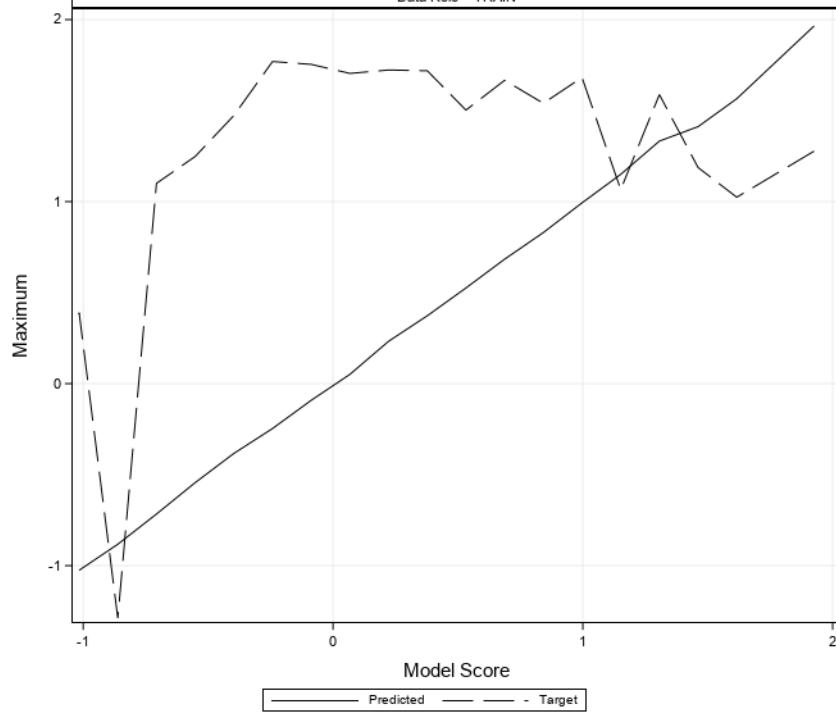


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

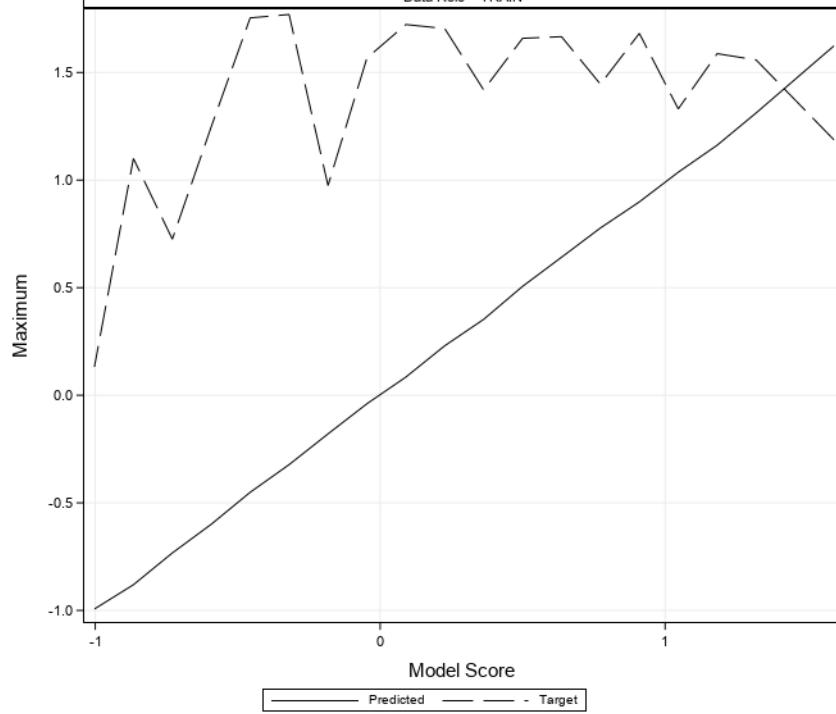


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

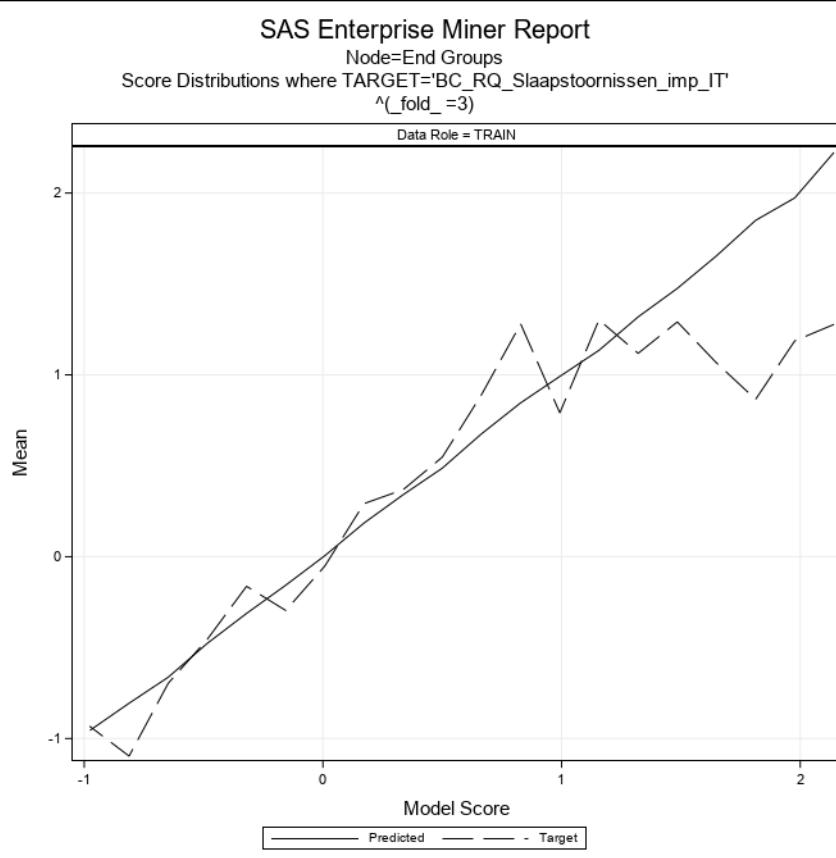


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

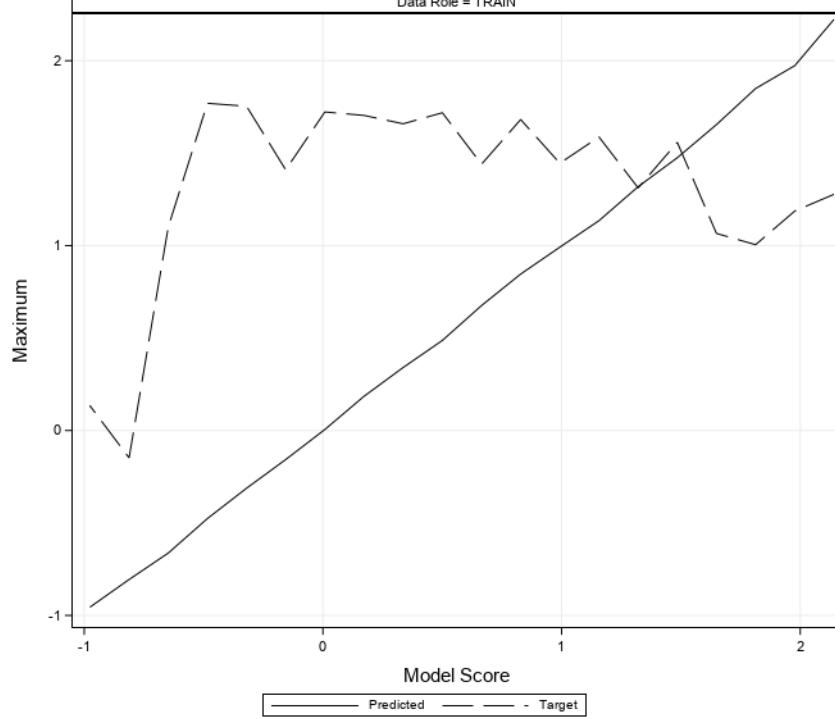


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

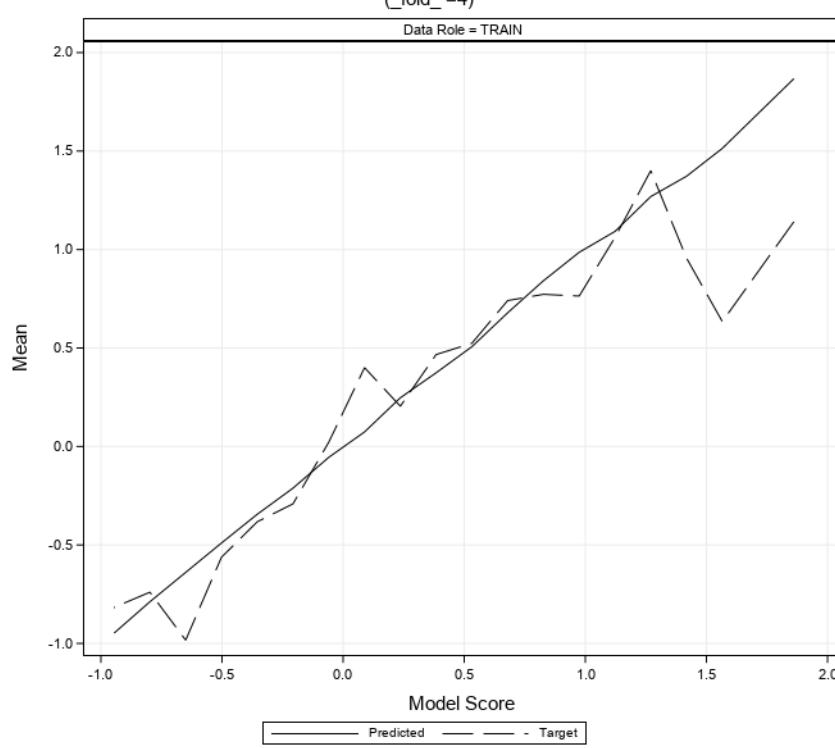


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

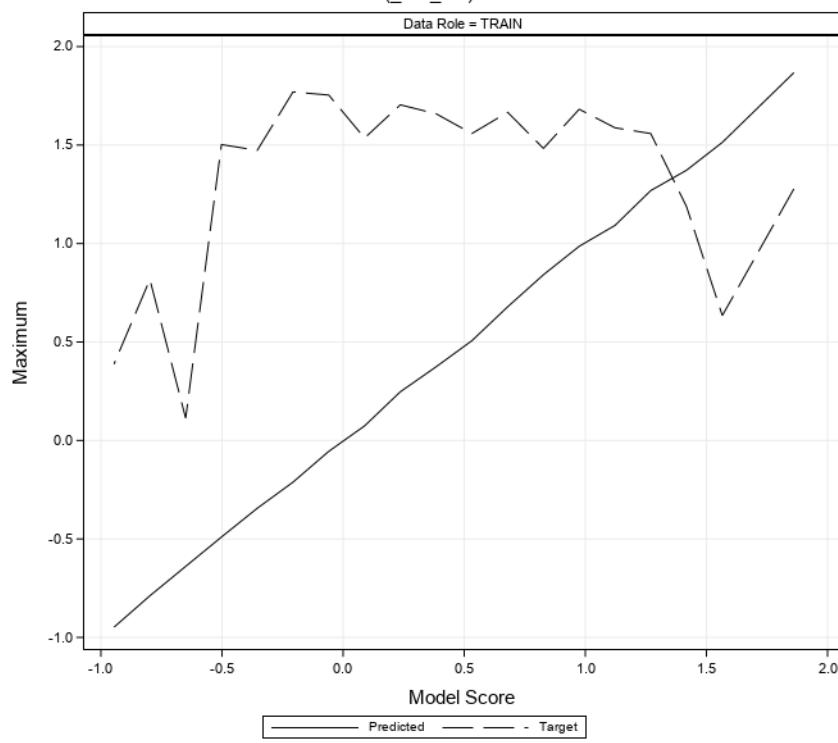


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

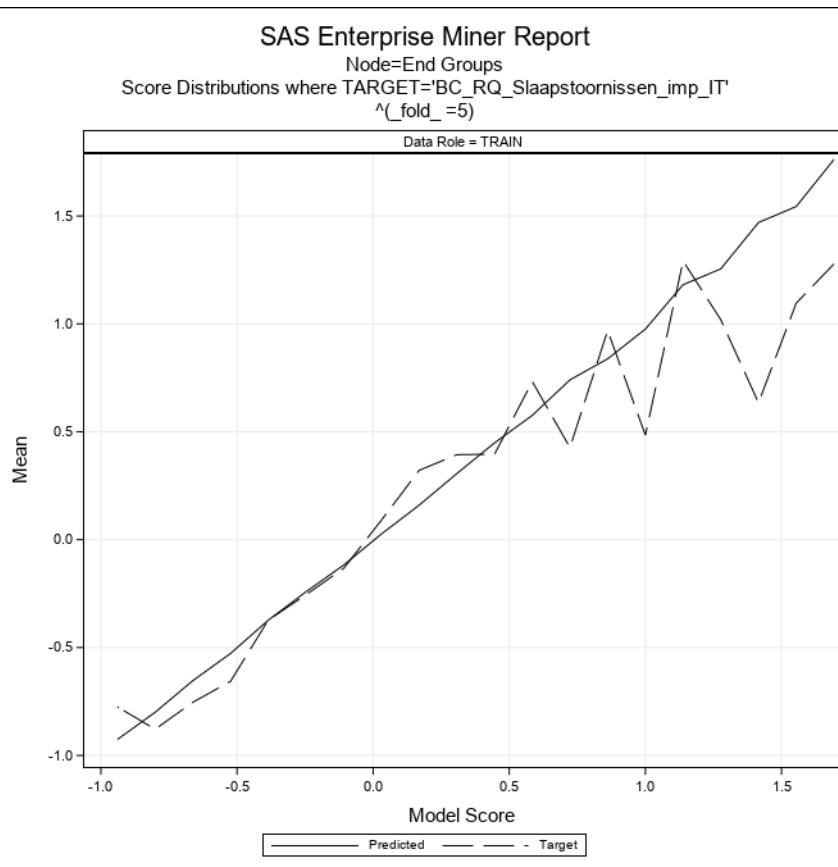


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

Data Role = TRAIN

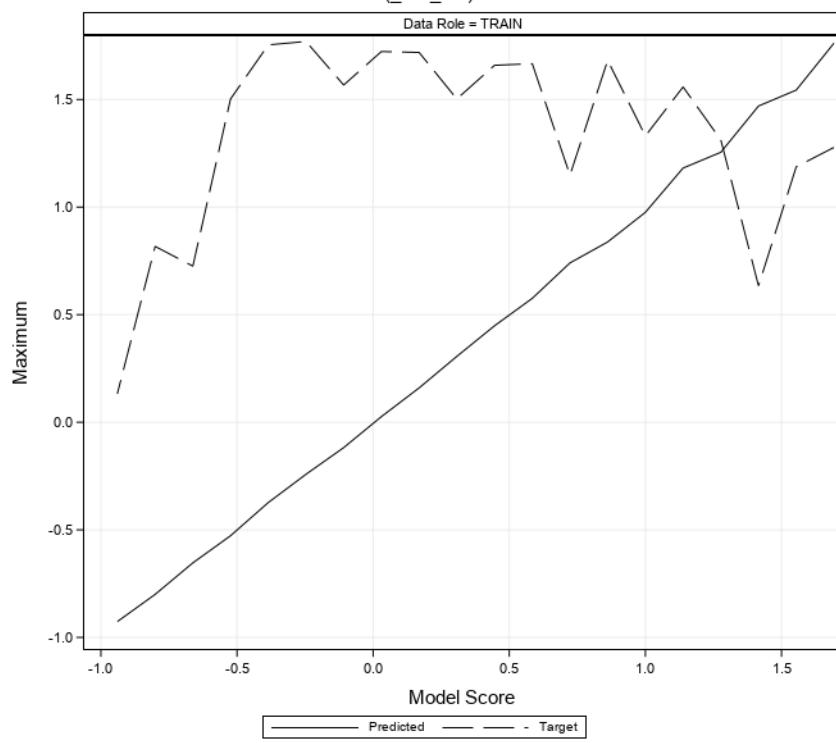


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

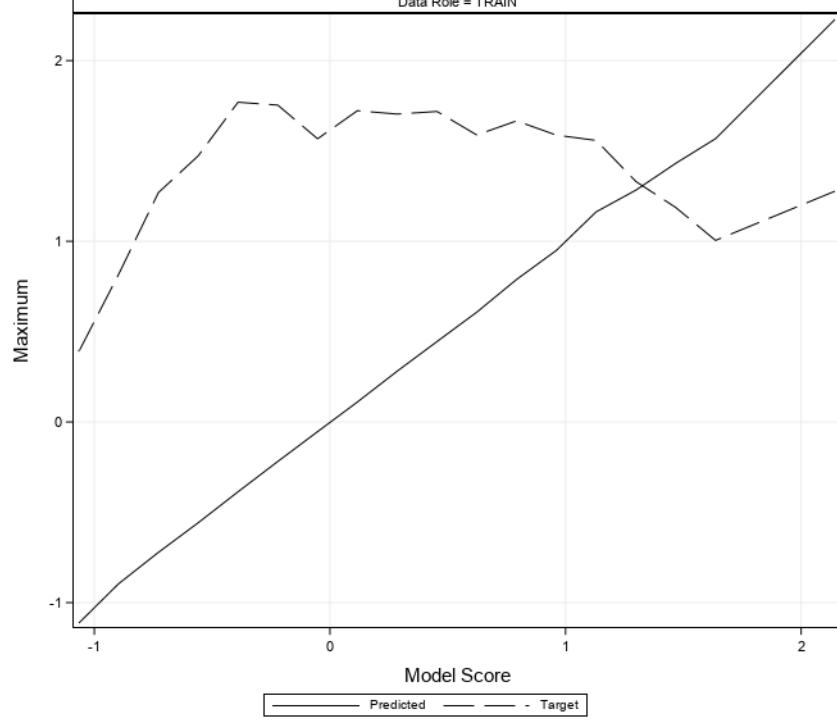


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

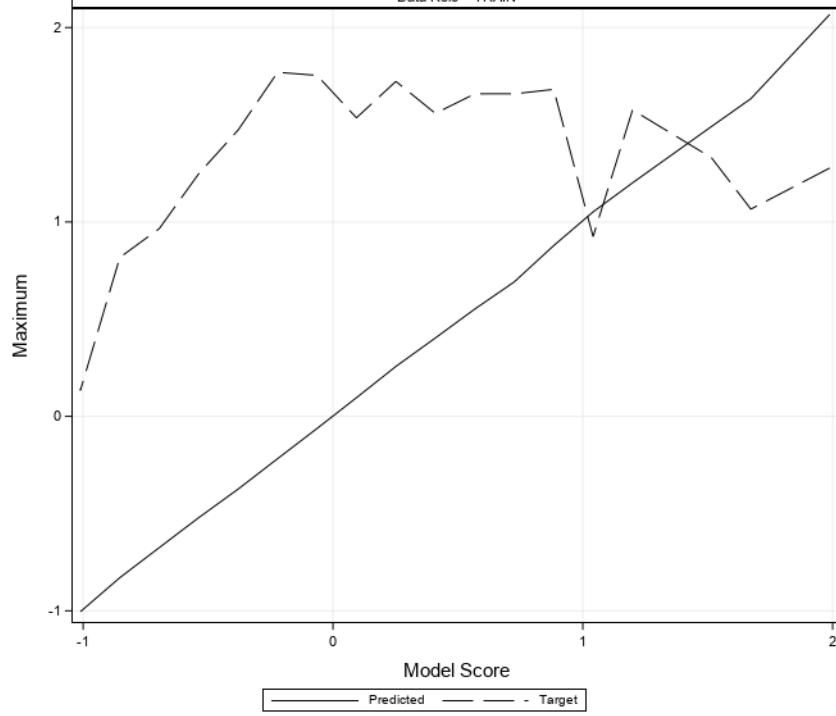


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

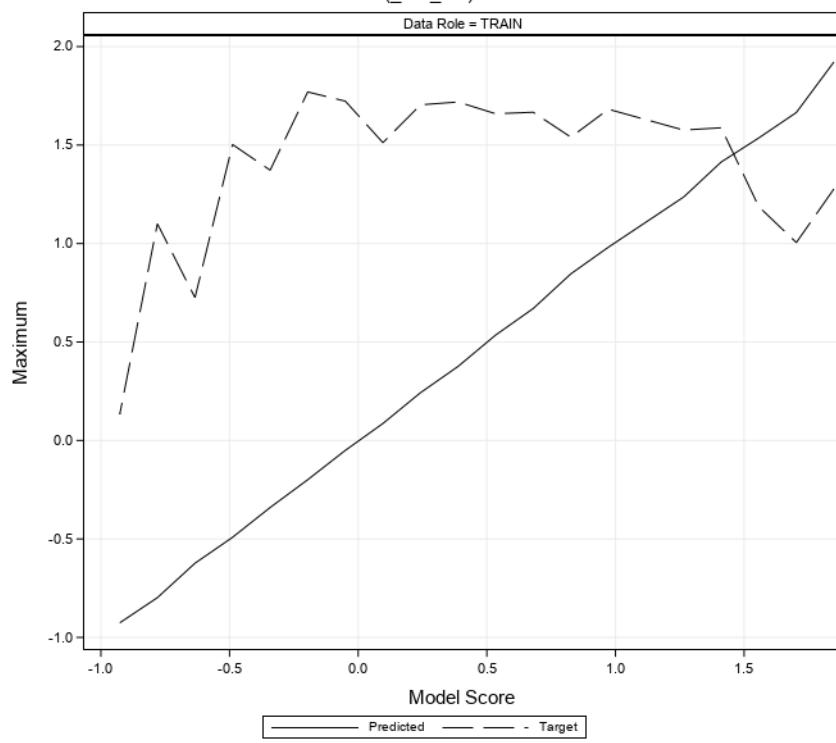


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

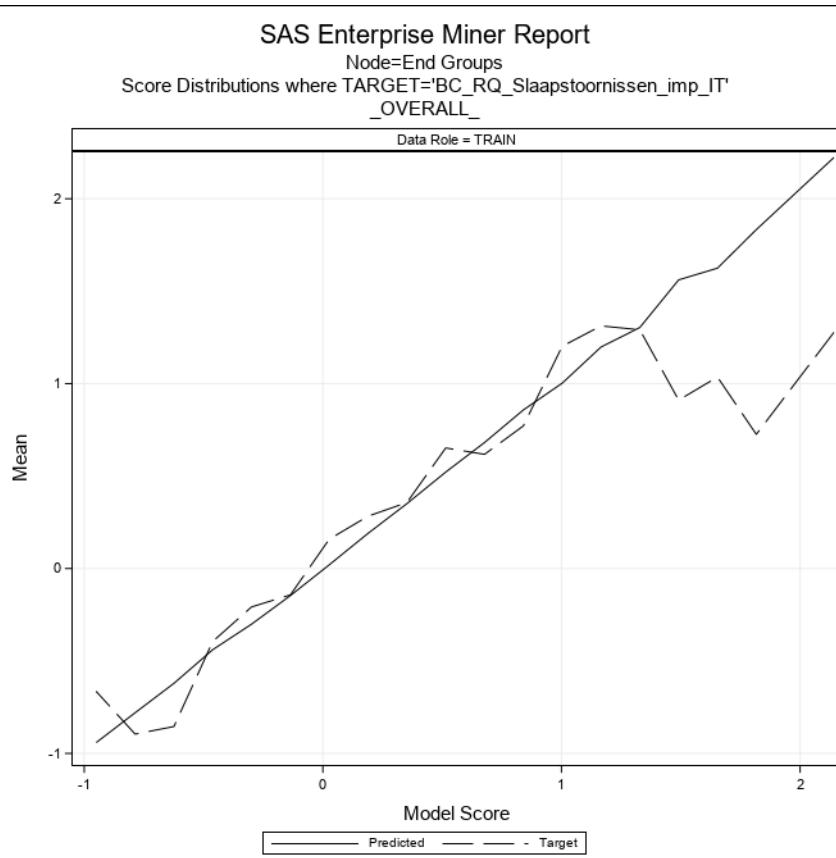


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=End Groups Score Distributions**

Group=<sup>^</sup>(fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.848 - 2.003	1.96514	2.00326	1.92702	1.14120	1.27739	1.00501
1.539 - 1.694	1.56523	1.56781	1.56156	0.79464	1.02403	0.63431
1.384 - 1.539	1.41174	1.41864	1.40485	1.05575	1.18714	0.92436
1.229 - 1.384	1.33249	1.33249	1.33249	1.58775	1.58775	1.58775
1.074 - 1.229	1.14957	1.21033	1.08178	0.43524	1.06602	-1.28949
0.919 - 1.074	0.99322	1.05670	0.93005	1.29526	1.68187	0.76638
0.764 - 0.919	0.82984	0.90567	0.77264	0.56854	1.54020	-0.43832
0.610 - 0.764	0.68385	0.73565	0.61051	1.39309	1.66657	0.88680
0.455 - 0.610	0.52552	0.59328	0.46816	0.59042	1.50263	-1.15607
0.300 - 0.455	0.37276	0.44948	0.30493	0.29999	1.71877	-1.28949
0.145 - 0.300	0.23263	0.29528	0.14849	0.27824	1.72302	-1.28949
-0.010 - 0.145	0.05085	0.11668	-0.00719	0.37465	1.70423	-1.28949
-0.165 - -0.010	-0.09161	-0.01291	-0.15621	-0.18869	1.75390	-1.28949
-0.320 - -0.165	-0.24669	-0.16599	-0.31897	-0.16110	1.76974	-1.28949
-0.474 - -0.320	-0.38363	-0.32054	-0.46157	-0.53851	1.47303	-1.28949
-0.629 - -0.474	-0.54398	-0.47495	-0.62514	-0.57921	1.24789	-1.28949
-0.784 - -0.629	-0.71655	-0.63104	-0.78094	-0.97188	1.10033	-1.28949
-0.939 - -0.784	-0.88248	-0.83000	-0.93237	-1.28930	-1.28820	-1.28949
-1.094 - -0.939	-1.02574	-0.97865	-1.09378	-0.56754	0.38961	-1.28949

### **Node=End Groups Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.524 - 1.661	1.62383	1.66077	1.59177	0.94215	1.18714	0.63431
1.251 - 1.388	1.31205	1.34748	1.26336	1.15508	1.55847	0.72559
1.114 - 1.251	1.16229	1.20020	1.12437	1.58196	1.58775	1.57618
0.978 - 1.114	1.03664	1.08476	1.00987	0.46359	1.33085	-1.28949
0.841 - 0.978	0.89864	0.96085	0.85688	0.82956	1.68187	-0.43832
0.705 - 0.841	0.77746	0.82886	0.74060	0.69493	1.44567	-1.15607
0.568 - 0.705	0.64131	0.70054	0.58111	1.26761	1.66657	0.69221
0.432 - 0.568	0.50620	0.55555	0.45353	0.44103	1.65900	-1.28949
0.295 - 0.432	0.35280	0.42441	0.29967	0.36377	1.41905	-1.28949
0.158 - 0.295	0.23003	0.28511	0.16616	0.14725	1.70423	-1.28949
0.022 - 0.158	0.08445	0.15403	0.02416	0.20647	1.72302	-1.28949
-0.115 - 0.022	-0.03956	0.02026	-0.11124	0.14458	1.56738	-1.28949
-0.251 - -0.115	-0.17964	-0.11571	-0.24022	-0.30207	0.97484	-1.28949
-0.388 - -0.251	-0.32254	-0.25936	-0.38635	-0.30047	1.76974	-1.28949
-0.525 - -0.388	-0.45101	-0.39204	-0.51938	-0.43915	1.75390	-1.28949
-0.661 - -0.525	-0.59960	-0.53603	-0.66006	-0.83674	1.24789	-1.28949
-0.798 - -0.661	-0.73299	-0.67167	-0.78775	-0.98283	0.72559	-1.28949
-0.934 - -0.798	-0.88073	-0.81672	-0.93433	-0.53191	1.10033	-1.28949
-1.071 - -0.934	-0.99325	-0.93932	-1.07092	-0.80682	0.13394	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.059 - 2.223	2.22312	2.22312	2.22312	1.27739	1.27739	1.27739
1.895 - 2.059	1.97342	1.97342	1.97342	1.18714	1.18714	1.18714
1.731 - 1.895	1.84982	1.86677	1.83287	0.86530	1.00501	0.72559
1.567 - 1.731	1.65448	1.65448	1.65448	1.06602	1.06602	1.06602
1.403 - 1.567	1.47543	1.47722	1.47364	1.29125	1.55847	1.02403
1.239 - 1.403	1.31877	1.38149	1.25605	1.11830	1.31225	0.92436
1.075 - 1.239	1.13496	1.20108	1.07708	1.30233	1.58775	0.92080
0.911 - 1.075	0.99159	1.02184	0.92093	0.79110	1.44567	-0.43832
0.747 - 0.911	0.84613	0.88971	0.75520	1.28006	1.68187	0.69707
0.582 - 0.747	0.67571	0.73464	0.58767	0.89116	1.44021	-1.15607
0.418 - 0.582	0.48713	0.57198	0.42155	0.54776	1.71877	-1.28949
0.254 - 0.418	0.34096	0.41755	0.25596	0.36865	1.65891	-1.28949
0.090 - 0.254	0.18510	0.25248	0.09455	0.29195	1.70423	-1.28949
-0.074 - 0.090	0.00556	0.08922	-0.07304	-0.05111	1.72302	-1.28949
-0.238 - -0.074	-0.15696	-0.07717	-0.23526	-0.29577	1.40996	-1.28949
-0.402 - -0.238	-0.31206	-0.23906	-0.39123	-0.16281	1.75390	-1.28949
-0.566 - -0.402	-0.47627	-0.40734	-0.56509	-0.45375	1.76974	-1.28949
-0.730 - -0.566	-0.66286	-0.56915	-0.72609	-0.69626	1.10033	-1.28949
-0.894 - -0.730	-0.80597	-0.73594	-0.89115	-1.09669	-0.14766	-1.28949
-1.058 - -0.894	-0.95550	-0.89746	-1.05822	-0.93363	0.13394	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.787 - 1.935	1.86744	1.93482	1.80007	1.14120	1.27739	1.00501
1.492 - 1.639	1.51357	1.51357	1.51357	0.63431	0.63431	0.63431
1.344 - 1.492	1.37219	1.38021	1.36416	0.95637	1.18714	0.72559
1.196 - 1.344	1.26891	1.30769	1.19784	1.40052	1.55847	1.31225
1.049 - 1.196	1.09204	1.12670	1.05737	1.06137	1.58775	0.53499
0.901 - 1.049	0.98602	1.01540	0.93626	0.76376	1.68187	-1.28949
0.753 - 0.901	0.84145	0.89900	0.76477	0.77250	1.48303	-1.15607
0.606 - 0.753	0.67868	0.75173	0.60866	0.74082	1.66657	-1.28949
0.458 - 0.606	0.50653	0.59908	0.45854	0.52398	1.55847	-1.28949
0.310 - 0.458	0.37408	0.44605	0.32509	0.46664	1.65891	-1.28949
0.162 - 0.310	0.24717	0.30984	0.16905	0.20421	1.70423	-1.28949
0.015 - 0.162	0.07396	0.16095	0.02015	0.40029	1.53572	-1.28949
-0.133 - 0.015	-0.05515	0.00993	-0.12635	0.02192	1.75390	-1.28949
-0.281 - -0.133	-0.21160	-0.14907	-0.27960	-0.29120	1.76974	-1.28949
-0.428 - -0.281	-0.34441	-0.28547	-0.42398	-0.38252	1.47303	-1.28949
-0.576 - -0.428	-0.49031	-0.43189	-0.57372	-0.56273	1.50263	-1.28949
-0.724 - -0.576	-0.63937	-0.57913	-0.70102	-0.98342	0.11328	-1.28949
-0.872 - -0.724	-0.78855	-0.72709	-0.85177	-0.73991	0.81745	-1.28949
-1.019 - -0.872	-0.94757	-0.87699	-1.01921	-0.81704	0.38961	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.623 - 1.762	1.76179	1.76179	1.76179	1.27739	1.27739	1.27739
1.485 - 1.623	1.54383	1.56710	1.52055	1.09607	1.18714	1.00501
1.346 - 1.485	1.46972	1.46972	1.46972	0.63431	0.63431	0.63431
1.208 - 1.346	1.25473	1.28944	1.22003	1.01892	1.31225	0.72559
1.069 - 1.208	1.18139	1.20279	1.15999	1.29125	1.55847	1.02403
0.931 - 1.069	0.97568	1.02846	0.93827	0.48430	1.33085	-1.28949
0.792 - 0.931	0.83800	0.90432	0.80236	0.96947	1.68187	-0.43832
0.654 - 0.792	0.74044	0.79123	0.66313	0.42672	1.14827	-1.15607
0.515 - 0.654	0.57578	0.65007	0.51699	0.73266	1.66657	-0.78226
0.377 - 0.515	0.44834	0.50568	0.37888	0.39599	1.65900	-1.28949
0.238 - 0.377	0.30605	0.37446	0.24072	0.39368	1.50263	-1.28949
0.100 - 0.238	0.15958	0.23376	0.10470	0.32093	1.71877	-1.28949
-0.039 - 0.100	0.02608	0.09935	-0.03337	0.09001	1.72302	-1.28949
-0.177 - -0.039	-0.11797	-0.04070	-0.17469	-0.13331	1.56738	-1.28949
-0.316 - -0.177	-0.24186	-0.17844	-0.31516	-0.25538	1.76974	-1.28949
-0.454 - -0.316	-0.37333	-0.31642	-0.45333	-0.37312	1.75390	-1.28949
-0.593 - -0.454	-0.52743	-0.46045	-0.58479	-0.65644	1.50263	-1.28949
-0.732 - -0.593	-0.65363	-0.59531	-0.71655	-0.75379	0.72559	-1.28949
-0.870 - -0.732	-0.80009	-0.73610	-0.84792	-0.87883	0.81745	-1.28949
-1.009 - -0.870	-0.92628	-0.87518	-1.00855	-0.77490	0.13394	-1.28949

## Node=End Groups Score Distributions

Group= $\wedge$ (\_fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.059 - 2.228	2.22786	2.22786	2.22786	1.27739	1.27739	1.27739
1.552 - 1.721	1.56821	1.56821	1.56821	1.00501	1.00501	1.00501
1.383 - 1.552	1.43175	1.47494	1.39596	0.99292	1.18714	0.72559
1.214 - 1.383	1.28344	1.28344	1.28344	1.33085	1.33085	1.33085
1.046 - 1.214	1.16307	1.20746	1.09878	0.55389	1.55847	-1.28949
0.877 - 1.046	0.94971	1.03443	0.88711	1.04659	1.58775	0.53499
0.708 - 0.877	0.78877	0.87397	0.71347	0.84482	1.66657	-1.15607
0.539 - 0.708	0.60778	0.66721	0.54275	0.66406	1.58841	-0.61896
0.370 - 0.539	0.44500	0.53064	0.37609	0.48414	1.71877	-1.28949
0.201 - 0.370	0.28117	0.35965	0.21282	0.48660	1.70423	-1.28949
0.032 - 0.201	0.11054	0.19468	0.03422	0.21799	1.72302	-1.28949
-0.137 - 0.032	-0.05352	0.02984	-0.13429	0.07890	1.56738	-1.28949
-0.306 - -0.137	-0.21856	-0.14762	-0.30353	-0.39508	1.75390	-1.28949
-0.475 - -0.306	-0.38650	-0.30711	-0.47162	-0.35494	1.76974	-1.28949
-0.644 - -0.475	-0.55780	-0.47801	-0.63413	-0.76768	1.47303	-1.28949
-0.812 - -0.644	-0.72176	-0.64607	-0.79323	-0.79815	1.26982	-1.28949
-0.981 - -0.812	-0.89536	-0.83269	-0.96428	-0.88964	0.81745	-1.28949
-1.150 - -0.981	-1.11323	-1.07618	-1.15028	0.26178	0.38961	0.13394

## Node=End Groups

### Score Distributions

Group= $\wedge$ (\_fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.909 - 2.067	2.06721	2.06721	2.06721	1.27739	1.27739	1.27739
1.594 - 1.752	1.63402	1.66506	1.60297	1.03551	1.06602	1.00501
1.436 - 1.594	1.49075	1.52103	1.44941	1.08119	1.33085	0.72559
1.120 - 1.278	1.20118	1.26836	1.12456	1.20118	1.57618	0.53499
0.962 - 1.120	1.05182	1.07962	1.02401	0.92258	0.92436	0.92080
0.804 - 0.962	0.87813	0.95714	0.82386	1.08477	1.68187	-0.43832
0.647 - 0.804	0.69155	0.74677	0.64784	0.65774	1.65900	-1.28949
0.489 - 0.647	0.55194	0.62656	0.50309	0.86323	1.65891	-0.61896
0.331 - 0.489	0.40327	0.47668	0.33212	0.64349	1.55847	-1.28949
0.173 - 0.331	0.25700	0.32658	0.18447	0.06317	1.72302	-1.28949
0.015 - 0.173	0.09607	0.17278	0.01585	0.07621	1.53572	-1.28949
-0.143 - 0.015	-0.06228	0.00744	-0.14237	0.06782	1.75390	-1.28949
-0.301 - -0.143	-0.21761	-0.14281	-0.28990	-0.30745	1.76974	-1.28949
-0.458 - -0.301	-0.37397	-0.30108	-0.45825	-0.43611	1.47303	-1.28949
-0.616 - -0.458	-0.52095	-0.45928	-0.61175	-0.36533	1.24789	-1.28949
-0.774 - -0.616	-0.67509	-0.61736	-0.76474	-0.95985	0.96579	-1.28949
-0.932 - -0.774	-0.82970	-0.77644	-0.90075	-0.71902	0.81745	-1.28949
-1.090 - -0.932	-1.00463	-0.94825	-1.08987	-0.94387	0.13394	-1.28949

## Node=End Groups

### Score Distributions

Group= $\wedge$ (\_fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.776 - 1.922	1.92203	1.92203	1.92203	1.27739	1.27739	1.27739
1.630 - 1.776	1.66536	1.66536	1.66536	1.00501	1.00501	1.00501
1.484 - 1.630	1.53609	1.55170	1.52574	0.99292	1.18714	0.72559
1.338 - 1.484	1.41384	1.45261	1.37507	1.57311	1.58775	1.55847

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.192 - 1.338	1.23586	1.29914	1.19952	1.30415	1.57618	1.02403
0.899 - 1.046	0.98162	1.02065	0.91783	0.87629	1.68187	-1.28949
0.753 - 0.899	0.84590	0.89303	0.79150	0.73145	1.54020	-1.15607
0.607 - 0.753	0.67017	0.72458	0.63786	0.95652	1.66657	-0.56265
0.461 - 0.607	0.53534	0.59752	0.46971	0.51653	1.65900	-1.28949
0.315 - 0.461	0.37601	0.45615	0.31798	0.49899	1.71877	-1.28949
0.169 - 0.315	0.24260	0.31303	0.17495	0.37597	1.70423	-1.28949
0.023 - 0.169	0.08619	0.15994	0.02376	0.14992	1.51224	-1.28949
-0.123 - 0.023	-0.05032	0.02250	-0.12082	-0.09450	1.72302	-1.28949
-0.269 - -0.123	-0.19921	-0.13071	-0.26888	-0.15559	1.76974	-1.28949
-0.415 - -0.269	-0.34042	-0.27002	-0.41041	-0.41669	1.37243	-1.28949
-0.561 - -0.415	-0.49163	-0.42367	-0.55587	-0.64735	1.50263	-1.28949
-0.707 - -0.561	-0.62339	-0.56966	-0.70066	-0.77809	0.72559	-1.28949
-0.853 - -0.707	-0.79816	-0.74298	-0.84485	-0.51974	1.10033	-1.28949
-1.000 - -0.853	-0.92586	-0.87543	-0.99954	-1.00480	0.13394	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.060 - 2.223	2.22312	2.22312	2.22312	1.27739	1.27739	1.27739
1.735 - 1.898	1.83287	1.83287	1.83287	0.72559	0.72559	0.72559
1.572 - 1.735	1.62453	1.66536	1.58370	1.03551	1.06602	1.00501
1.410 - 1.572	1.56114	1.57057	1.55170	0.91073	1.18714	0.63431
1.247 - 1.410	1.30341	1.30769	1.29914	1.29125	1.55847	1.02403
1.084 - 1.247	1.19784	1.19784	1.19784	1.31225	1.31225	1.31225
0.922 - 1.084	1.00231	1.07708	0.94000	1.20210	1.68187	0.53499
0.759 - 0.922	0.85752	0.91003	0.76715	0.77130	1.58775	-0.43832
0.596 - 0.759	0.68149	0.74954	0.61290	0.61755	1.66657	-1.28949
0.433 - 0.596	0.52153	0.59548	0.44948	0.65195	1.65900	-1.28949
0.271 - 0.433	0.35078	0.42939	0.27091	0.35679	1.65891	-1.28949
0.108 - 0.271	0.19020	0.26682	0.10882	0.28309	1.71877	-1.28949
-0.055 - 0.108	0.02000	0.10168	-0.05313	0.15840	1.72302	-1.28949
-0.217 - -0.055	-0.14633	-0.06218	-0.21596	-0.14249	1.75390	-1.28949
-0.380 - -0.217	-0.30084	-0.22022	-0.37925	-0.20774	1.76974	-1.28949
-0.543 - -0.380	-0.43898	-0.38029	-0.54054	-0.39426	1.26982	-1.28949
-0.705 - -0.543	-0.62093	-0.54782	-0.69458	-0.85455	1.10033	-1.28949
-0.868 - -0.705	-0.78005	-0.71172	-0.85295	-0.89568	0.72559	-1.28949
-1.031 - -0.868	-0.94106	-0.87169	-1.03077	-0.66535	0.38961	-1.28949

## Node=End Groups Summary

Group Index	Group	Frequency Count
1	^( <u>fold_</u> =1)	340
2	^( <u>fold_</u> =2)	339
3	^( <u>fold_</u> =3)	343
4	^( <u>fold_</u> =4)	341
5	^( <u>fold_</u> =5)	350
6	^( <u>fold_</u> =6)	339
7	^( <u>fold_</u> =7)	354
8	^( <u>fold_</u> =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 => Grp7 => 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	

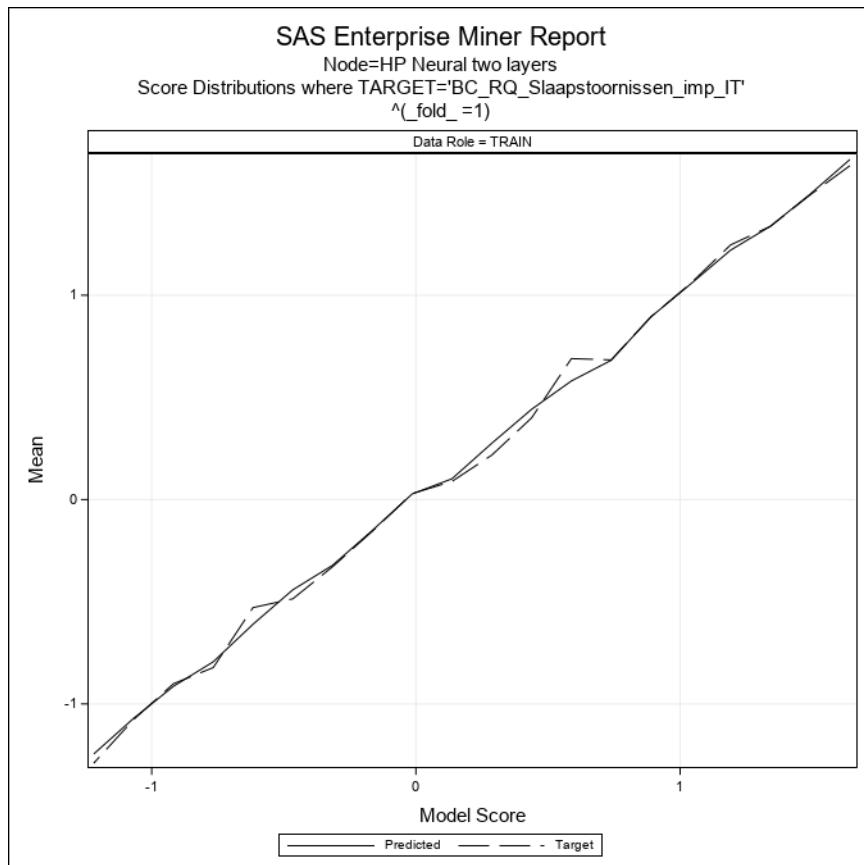
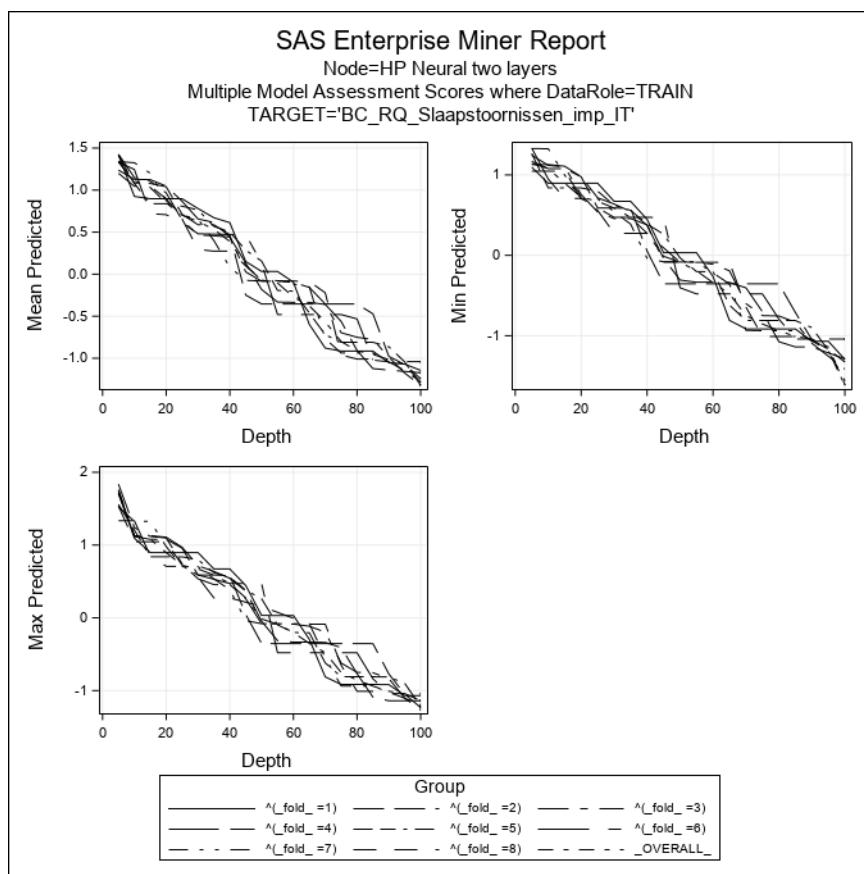
### Node=HP Neural two layers Variable Summary

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_Slaapstoornissen_imp_IT
PREDICT	INTERVAL	1	P_BC_RQ_Slaapstoornissen_imp_IT
INPUT	INTERVAL	1	_XVAL_
ASSESS	NOMINAL	1	_WARN_

Group Index	Group	Train: Target Variable	Train:	Train:	Train:	Train:	Train:	Train:
			Average Squared Error	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Squared Errors
1	^(fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	0.29797	347	2.18648	347	0.54587	103.396
2	^(fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	0.41348	350	1.87888	350	0.64303	144.719
3	^(fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	0.36857	343	2.22266	343	0.60710	126.421
4	^(fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	0.31000	346	2.41814	346	0.55678	107.261
5	^(fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	0.36906	346	2.12801	346	0.60750	127.695
6	^(fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	0.44391	340	1.99726	340	0.66626	150.929
7	^(fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	0.29622	338	2.07491	338	0.54426	100.121
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	0.42037	344	2.33506	344	0.64836	144.608
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	0.49437	393	2.65323	393	0.70312	194.289

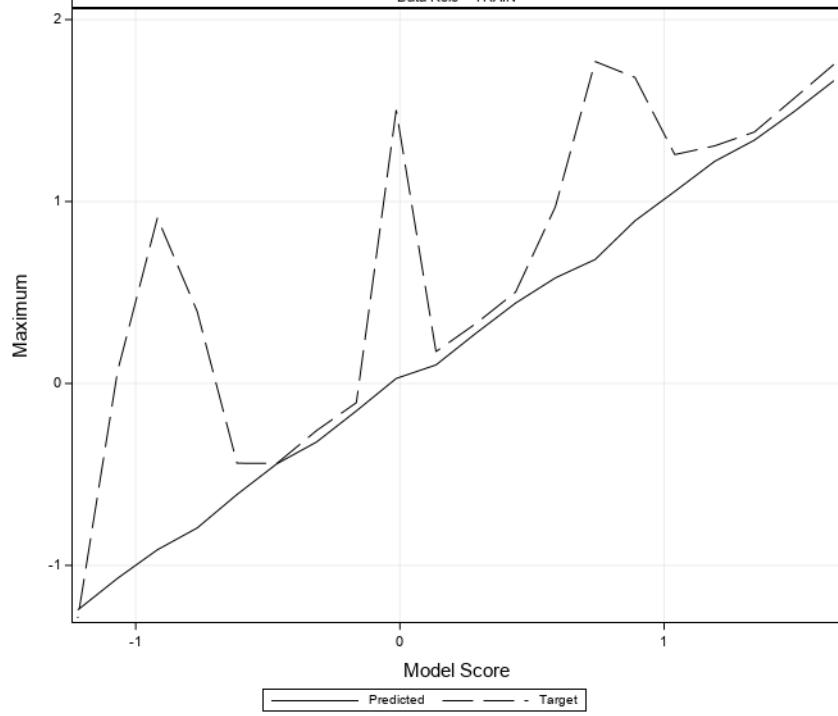


**SAS Enterprise Miner Report**

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

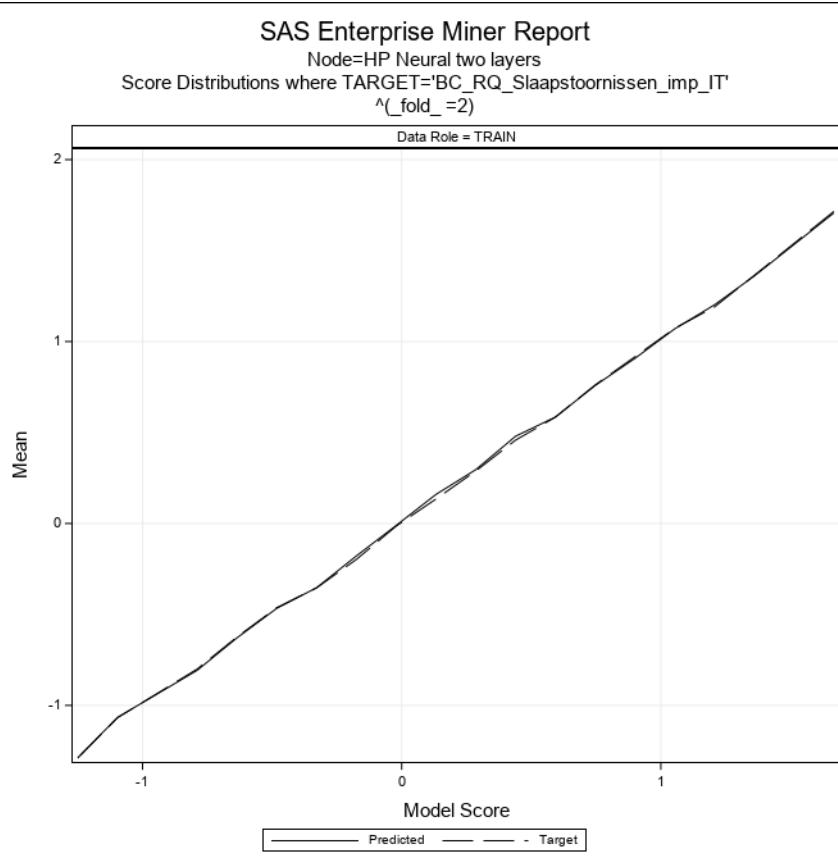
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN



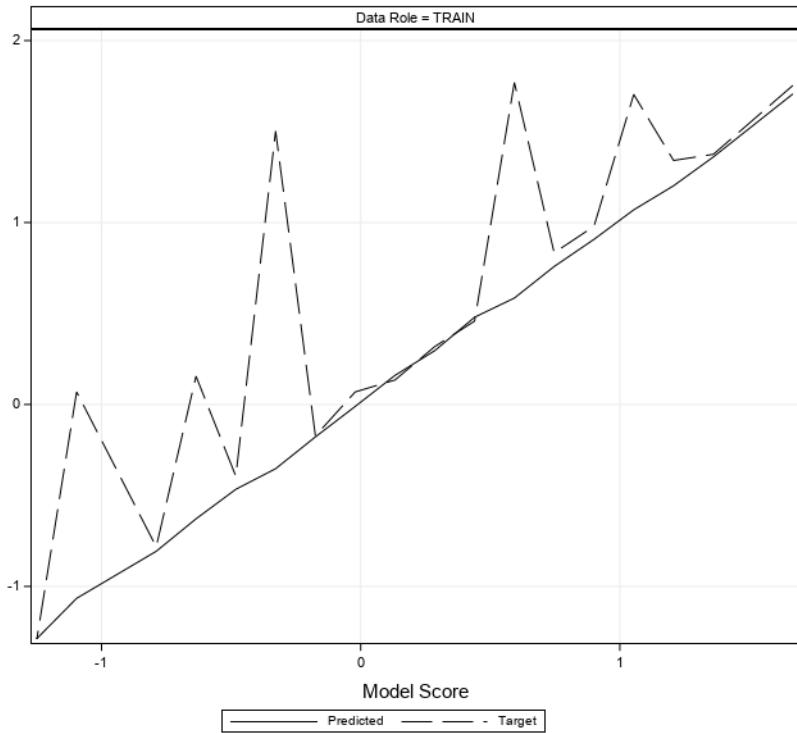
### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

Maximum



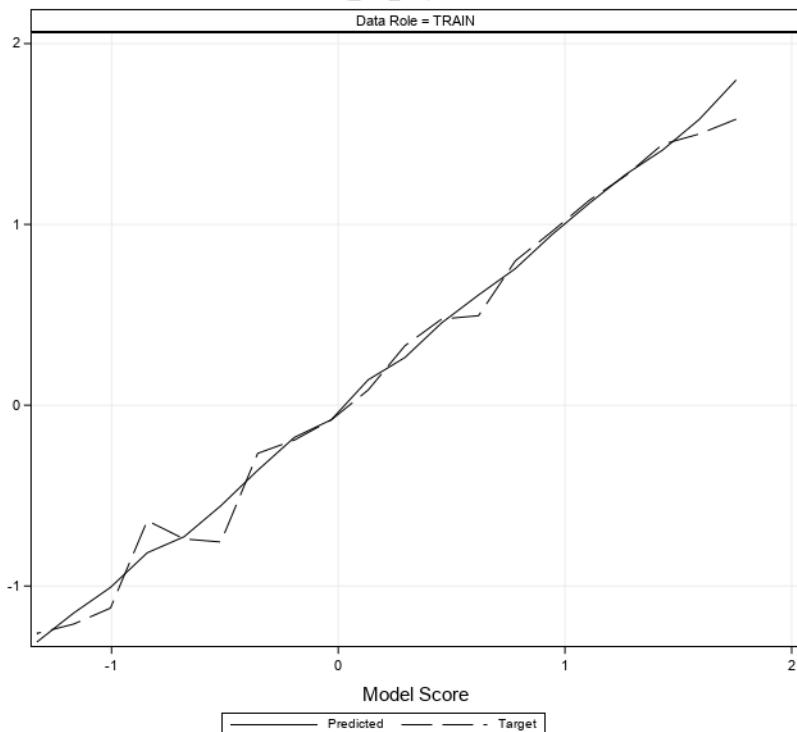
### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

Mean

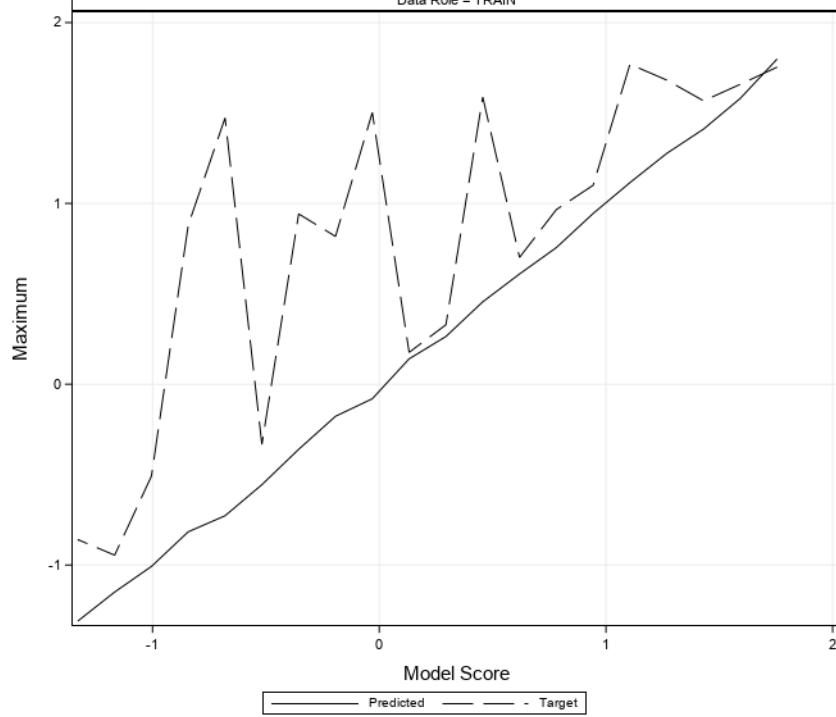


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

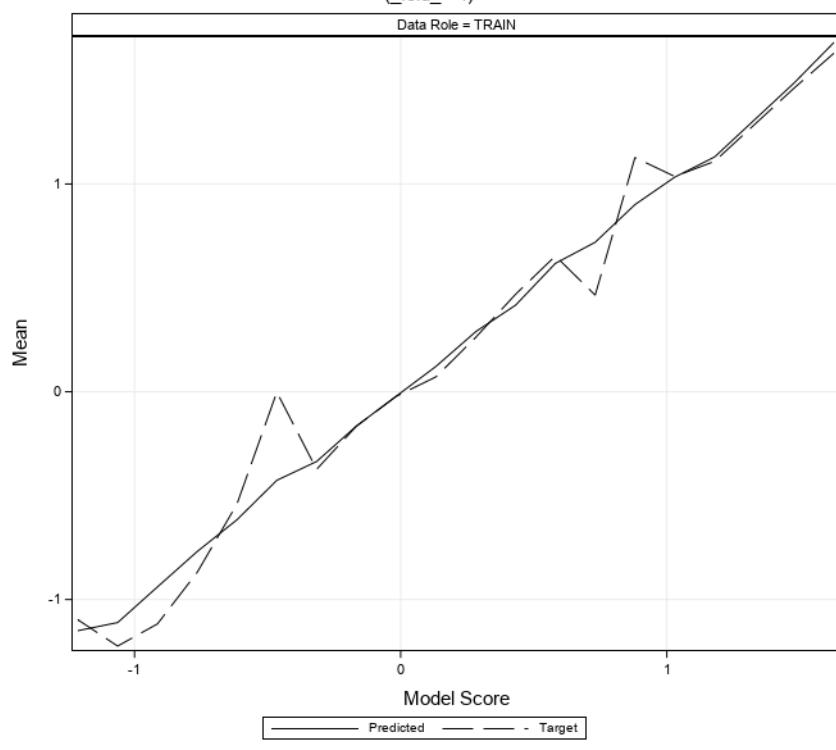


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

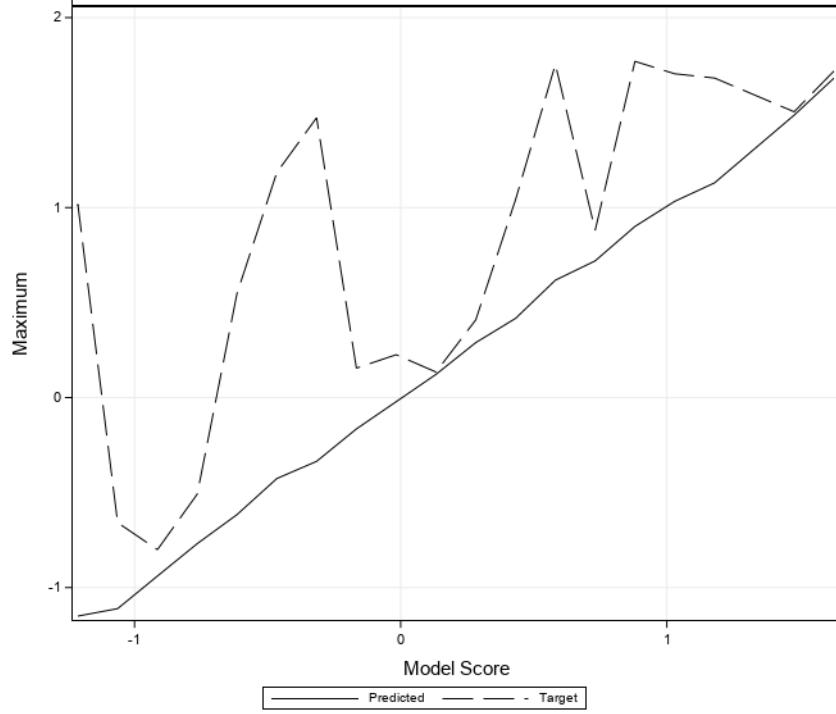


**SAS Enterprise Miner Report**

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

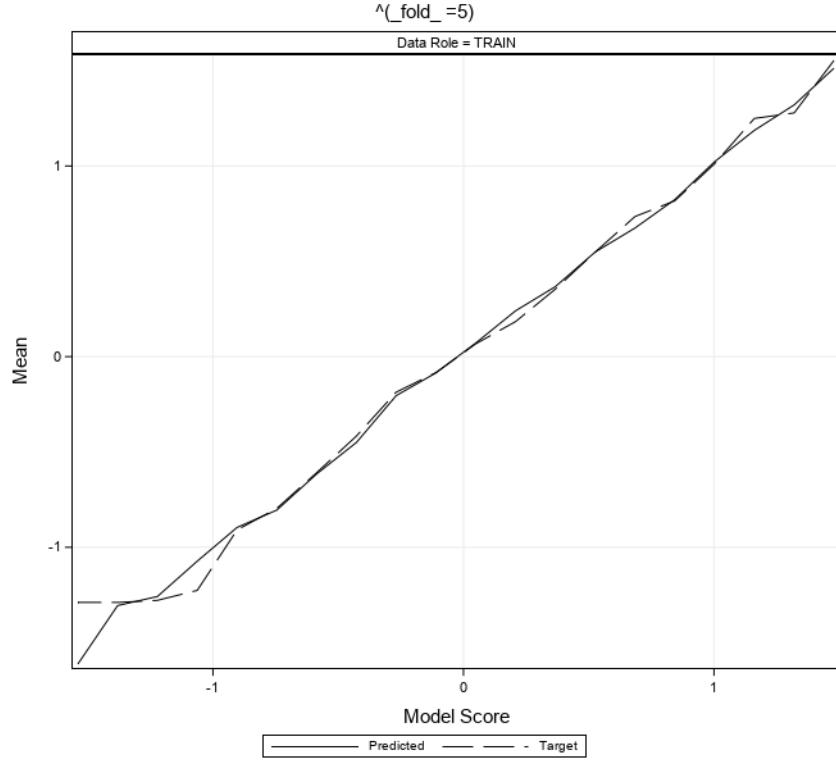
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

Data Role = TRAIN

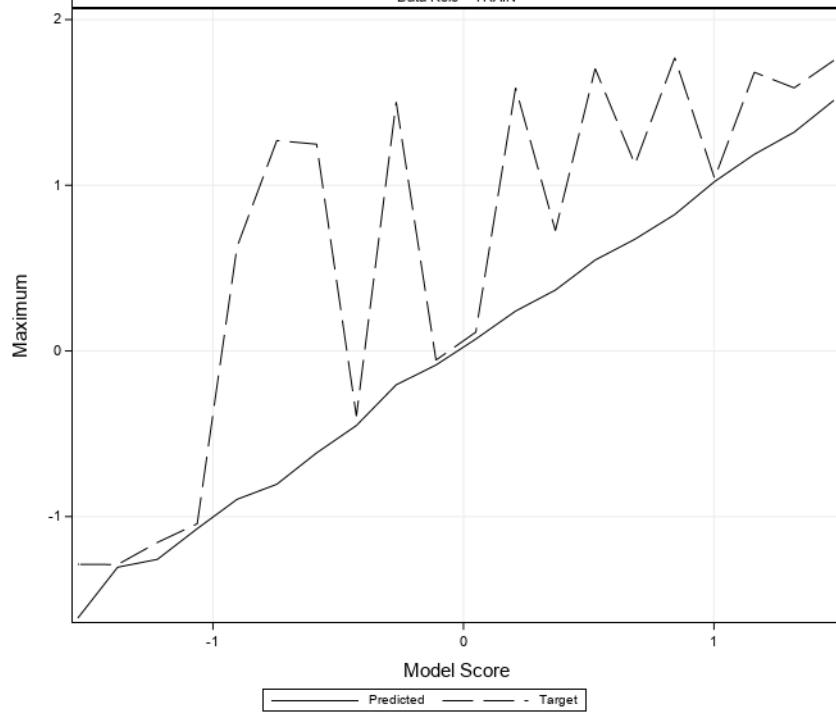


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

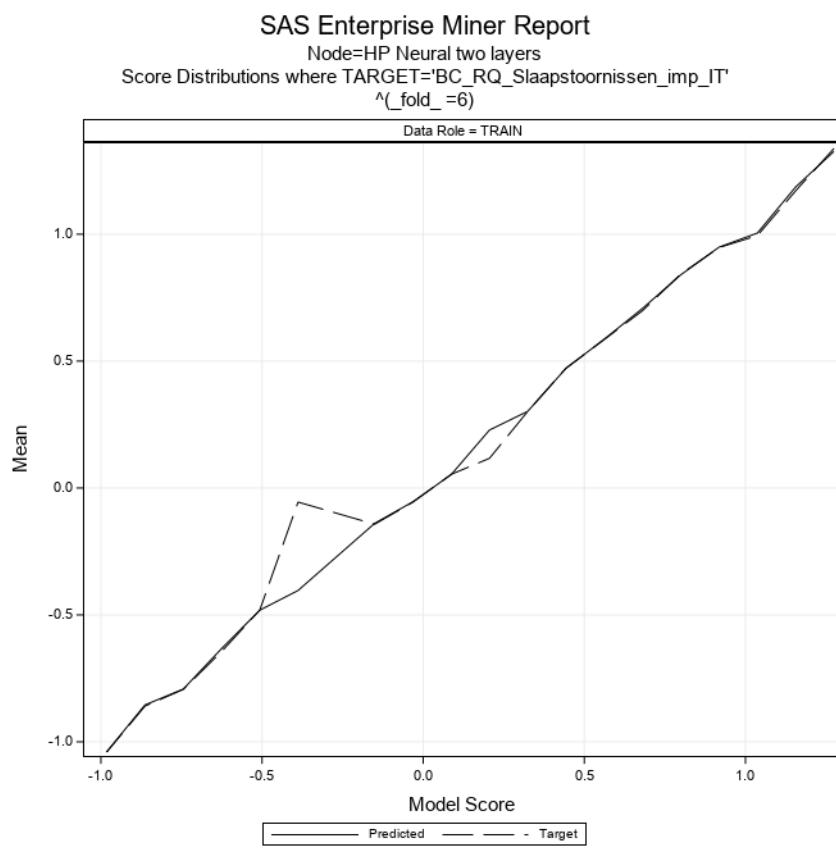


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

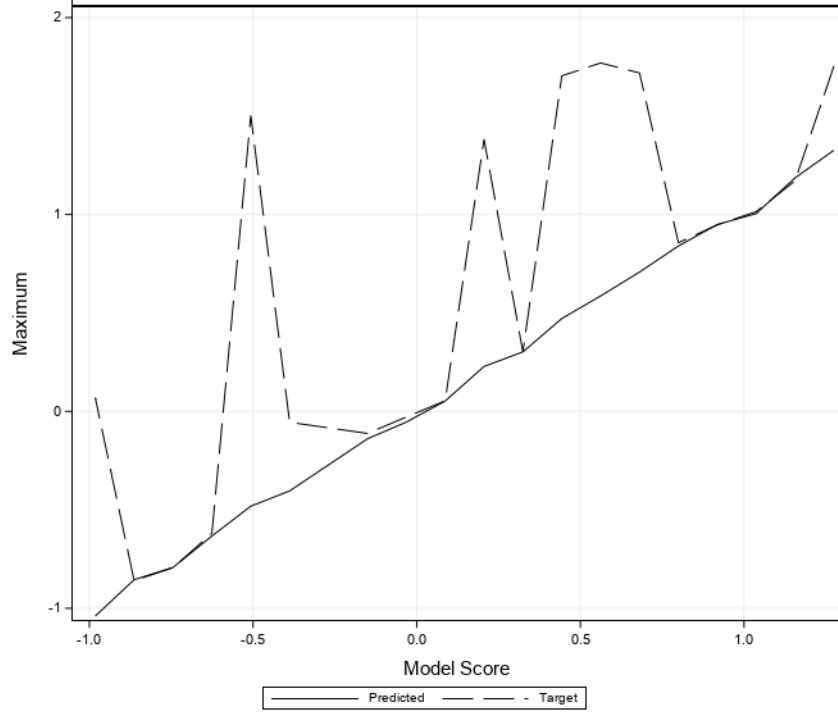


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=6)

Data Role = TRAIN

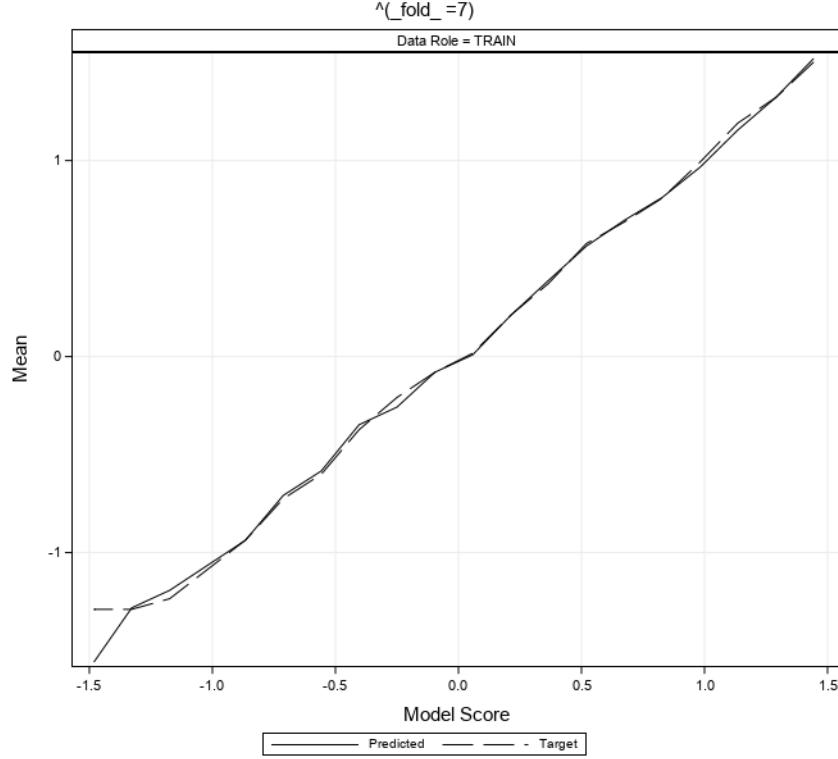


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

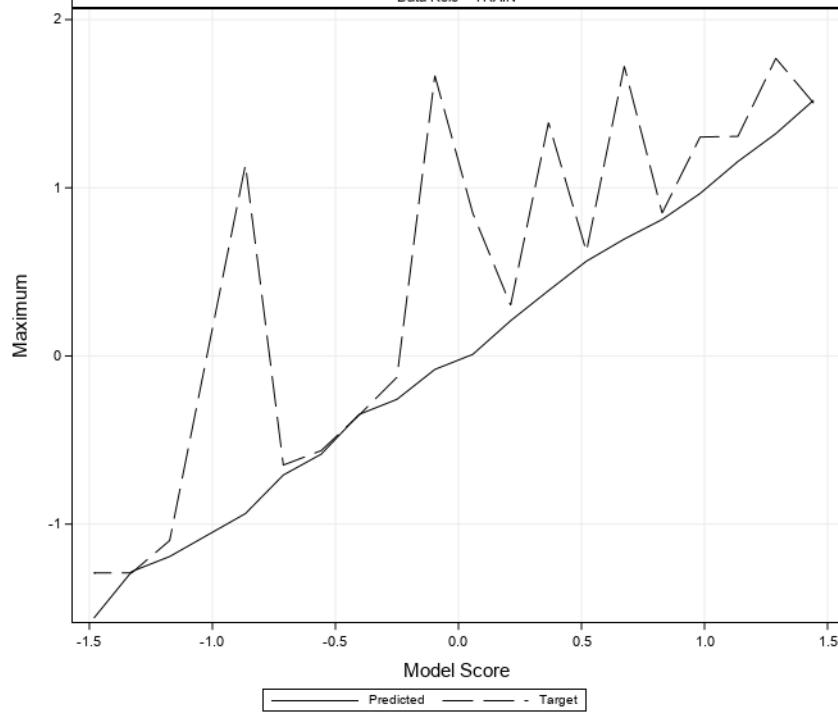


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

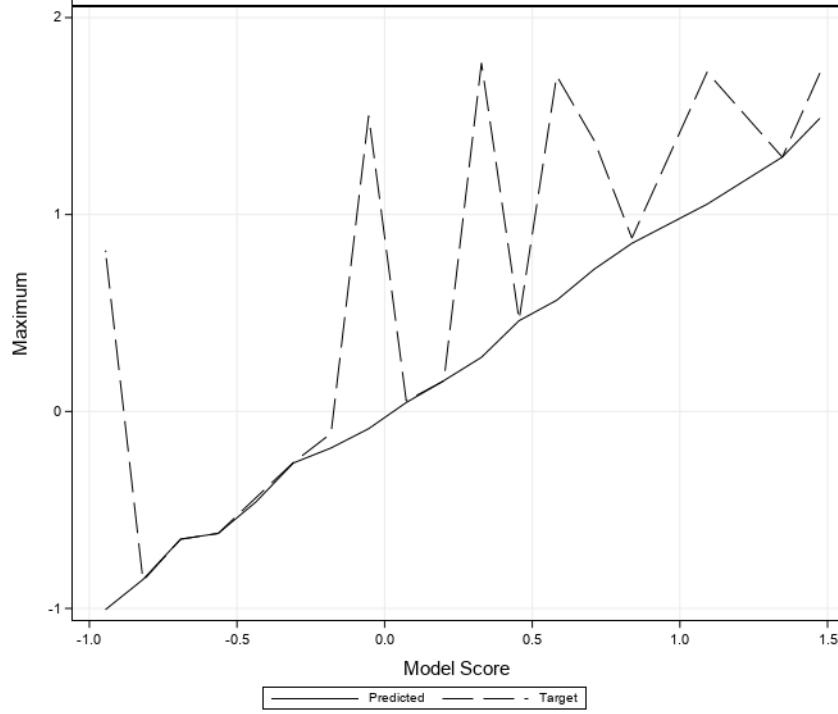


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

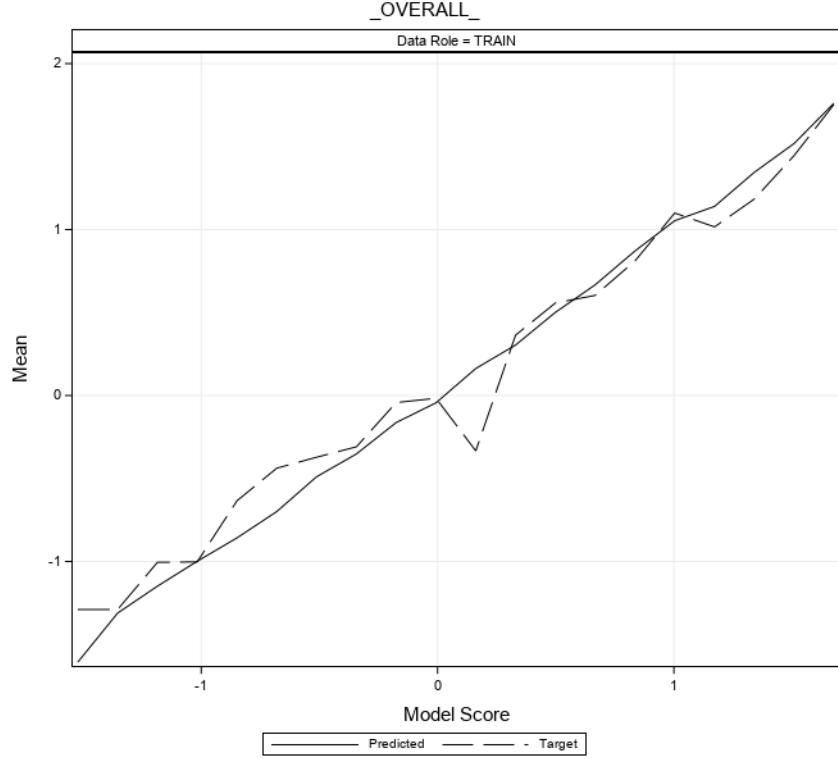


### SAS Enterprise Miner Report

Node=HP Neural two layers

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=HP Neural two layers Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.567 - 1.718	1.66423	1.71805	1.58063	1.63395	1.75390	1.26982
1.417 - 1.567	1.49439	1.55548	1.41876	1.49092	1.56738	1.41905
1.266 - 1.417	1.33724	1.39371	1.26842	1.33697	1.38199	1.28019
1.116 - 1.266	1.22040	1.26423	1.15552	1.24610	1.30574	1.18466
0.965 - 1.116	1.05542	1.10101	0.99593	1.05812	1.25802	0.94185
0.814 - 0.965	0.89405	0.89791	0.81852	0.89434	1.68187	-1.28949
0.664 - 0.814	0.68152	0.80586	0.66745	0.68355	1.76974	-1.28949
0.513 - 0.664	0.58036	0.66011	0.52229	0.68977	0.97127	0.54821
0.362 - 0.513	0.44167	0.48498	0.39962	0.39952	0.50230	0.05382
0.212 - 0.362	0.27548	0.31033	0.22947	0.21749	0.32884	0.02169
0.061 - 0.212	0.10184	0.15646	0.06782	0.08884	0.17516	0.04568
-0.089 - 0.061	0.02751	0.05747	-0.07396	0.02915	1.50263	-1.28949
-0.240 - -0.089	-0.15069	-0.09600	-0.22807	-0.15497	-0.10535	-0.23932
-0.391 - -0.240	-0.32153	-0.26285	-0.36762	-0.32856	-0.25881	-0.39395
-0.541 - -0.391	-0.44160	-0.43074	-0.45560	-0.48576	-0.43944	-0.56265
-0.692 - -0.541	-0.61016	-0.57431	-0.64602	-0.52864	-0.43832	-0.61896
-0.842 - -0.692	-0.79399	-0.73086	-0.81152	-0.82221	0.39550	-1.28949
-0.993 - -0.842	-0.91387	-0.87851	-0.91937	-0.90112	0.91001	-1.28949
-1.144 - -0.993	-1.07049	-1.07007	-1.08847	-1.07652	0.06892	-1.28949
-1.294 - -1.144	-1.24458	-1.21337	-1.29434	-1.28949	-1.28949	-1.28949

### **Node=HP Neural two layers Score Distributions**

Group=^(\_fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.591 - 1.745	1.70709	1.74477	1.64191	1.71556	1.75390	1.66657
1.284 - 1.438	1.36042	1.37604	1.33998	1.36394	1.37498	1.34442
1.131 - 1.284	1.20193	1.25918	1.16903	1.19039	1.34127	0.93843
0.977 - 1.131	1.06987	1.11653	0.97793	1.07271	1.70423	0.04568
0.823 - 0.977	0.90747	0.97665	0.83263	0.91637	0.97910	0.84891
0.670 - 0.823	0.75833	0.82119	0.72073	0.76119	0.83372	0.70134
0.516 - 0.670	0.58489	0.65621	0.52163	0.58423	1.76974	-1.28949
0.363 - 0.516	0.47949	0.47949	0.47949	0.45800	0.45800	0.45800
0.209 - 0.363	0.29581	0.32410	0.26752	0.28822	0.31840	0.25804
0.056 - 0.209	0.15985	0.15985	0.15985	0.13449	0.13449	0.13449
-0.098 - 0.056	-0.01082	0.05331	-0.09420	-0.01453	0.06892	-0.11173
-0.252 - -0.098	-0.17831	-0.16313	-0.19349	-0.19743	-0.17275	-0.22210
-0.405 - -0.252	-0.35308	-0.28045	-0.36751	-0.35372	1.50263	-1.28949
-0.559 - -0.405	-0.46628	-0.41482	-0.55336	-0.46252	-0.39395	-0.56265
-0.712 - -0.559	-0.62859	-0.55944	-0.71167	-0.62381	0.15511	-1.28949
-0.866 - -0.712	-0.80696	-0.77206	-0.84697	-0.79994	-0.78226	-0.85936
-1.173 - -1.019	-1.06552	-1.04951	-1.17006	-1.06726	0.06892	-1.28949
-1.327 - -1.173	-1.28686	-1.23333	-1.32654	-1.28949	-1.28949	-1.28949

Node=HP Neural two layers

Score Distributions

Group=^(\_fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.674 - 1.837	1.79894	1.83658	1.76130	1.58193	1.75390	1.40996
1.512 - 1.674	1.58142	1.63847	1.52437	1.50014	1.65900	1.34127
1.349 - 1.512	1.41111	1.50679	1.35950	1.44308	1.56738	1.37498
1.187 - 1.349	1.27667	1.33528	1.20119	1.27009	1.68187	0.92436
1.025 - 1.187	1.11506	1.18274	1.04343	1.13182	1.76974	-0.29355
0.862 - 1.025	0.94431	1.00052	0.86642	0.96138	1.10033	0.84891
0.700 - 0.862	0.75556	0.82846	0.71548	0.79853	0.96579	0.72559
0.538 - 0.700	0.60968	0.68155	0.53893	0.49496	0.70134	-0.22210
0.375 - 0.538	0.45560	0.53626	0.38003	0.47675	1.58841	-1.28949
0.213 - 0.375	0.26387	0.26387	0.26387	0.32884	0.32884	0.32884
0.051 - 0.213	0.14025	0.21167	0.06608	0.08373	0.17608	-0.05541
-0.112 - 0.051	-0.08045	0.02359	-0.11048	-0.08110	1.50263	-1.28949
-0.274 - -0.112	-0.17743	-0.11562	-0.25437	-0.19246	0.81745	-1.28949
-0.437 - -0.274	-0.36011	-0.30776	-0.41708	-0.26639	0.94185	-1.28949
-0.599 - -0.437	-0.55583	-0.53925	-0.57338	-0.75648	-0.33277	-1.28949
-0.761 - -0.599	-0.72757	-0.60068	-0.76044	-0.73979	1.47303	-1.28949
-0.924 - -0.761	-0.81619	-0.76645	-0.91893	-0.63865	0.88044	-1.28949
-1.086 - -0.924	-1.00780	-0.95065	-1.07000	-1.12207	-0.50835	-1.28949
-1.248 - -1.086	-1.14947	-1.09412	-1.24464	-1.21053	-0.94555	-1.28949
-1.411 - -1.248	-1.31008	-1.24910	-1.41072	-1.26265	-0.85936	-1.28949

Node=HP Neural two layers

Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.553 - 1.703	1.68112	1.70265	1.65959	1.62949	1.71877	1.54020
1.404 - 1.553	1.48642	1.52276	1.45008	1.46165	1.50424	1.41905
1.105 - 1.254	1.13005	1.18209	1.10790	1.10900	1.68187	-1.28949
0.955 - 1.105	1.03294	1.10448	0.96185	1.03609	1.70423	0.46525
0.806 - 0.955	0.90080	0.95182	0.84707	1.12737	1.76974	0.88044
0.656 - 0.806	0.71953	0.79135	0.67933	0.46497	0.88044	-0.15701
0.506 - 0.656	0.61777	0.65545	0.53209	0.65363	1.75390	-1.28949
0.357 - 0.506	0.41678	0.49952	0.36910	0.46904	1.04222	-1.28949
0.207 - 0.357	0.28933	0.34133	0.22200	0.26212	0.40910	0.02313
0.058 - 0.207	0.12211	0.14573	0.07785	0.07178	0.13449	0.02169
-0.092 - 0.058	-0.02157	0.04269	-0.05441	-0.02227	0.22557	-0.43832
-0.241 - -0.092	-0.16505	-0.09861	-0.22891	-0.16584	0.15511	-0.43832
-0.391 - -0.241	-0.33571	-0.25558	-0.38110	-0.37358	1.47303	-1.28949
-0.540 - -0.391	-0.42627	-0.39497	-0.51642	-0.00185	1.18466	-0.79358
-0.690 - -0.540	-0.61596	-0.56956	-0.66541	-0.53998	0.54821	-1.04326
-0.839 - -0.690	-0.76891	-0.69333	-0.82951	-0.86905	-0.50835	-1.28949
-0.989 - -0.839	-0.93947	-0.85709	-0.97664	-1.11751	-0.80052	-1.28949
-1.138 - -0.989	-1.11095	-1.01853	-1.13743	-1.22412	-0.65828	-1.28949
-1.288 - -1.138	-1.15010	-1.13957	-1.28777	-1.09727	1.01762	-1.28949

### Node=HP Neural two layers Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.399 - 1.558	1.51281	1.55825	1.40436	1.55344	1.75390	1.37498
1.241 - 1.399	1.32024	1.38095	1.26730	1.27838	1.58775	0.97127
1.082 - 1.241	1.18684	1.20587	1.08267	1.24943	1.68187	0.94388
0.923 - 1.082	1.02212	1.06807	0.98075	1.01156	1.04222	0.97484
0.764 - 0.923	0.82357	0.87874	0.77454	0.81721	1.76974	-1.28949
0.605 - 0.764	0.67449	0.74230	0.61474	0.73478	1.12609	0.62051
0.446 - 0.605	0.54866	0.58341	0.48234	0.54842	1.70423	-1.15607
0.287 - 0.446	0.36733	0.41609	0.30773	0.35411	0.72559	-0.05541
0.129 - 0.287	0.24042	0.28548	0.13808	0.18387	1.58841	-1.28949
-0.030 - 0.129	0.07162	0.11625	-0.00653	0.06728	0.11328	-0.00312
-0.189 - -0.030	-0.08503	-0.03213	-0.12627	-0.08339	-0.05541	-0.11173
-0.348 - -0.189	-0.20455	-0.19296	-0.27501	-0.18629	1.50263	-1.28949
-0.507 - -0.348	-0.45034	-0.43368	-0.46699	-0.41670	-0.39395	-0.43944
-0.666 - -0.507	-0.61556	-0.53874	-0.63840	-0.60894	1.24789	-1.28949
-0.825 - -0.666	-0.80476	-0.66954	-0.82085	-0.79586	1.26982	-1.28949
-0.983 - -0.825	-0.89598	-0.84956	-0.97338	-0.90927	0.62767	-1.28949
-1.142 - -0.983	-1.07291	-1.01950	-1.13803	-1.22621	-1.04326	-1.28949
-1.301 - -1.142	-1.25810	-1.18428	-1.29900	-1.27837	-1.15607	-1.28949
-1.460 - -1.301	-1.30570	-1.30161	-1.31561	-1.28949	-1.28949	-1.28949
-1.619 - -1.460	-1.61261	-1.60631	-1.61891	-1.28884	-1.28820	-1.28949

### Node=HP Neural two layers Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.215 - 1.334	1.32625	1.33389	1.27784	1.33779	1.75390	0.69221
1.096 - 1.215	1.18613	1.18613	1.18613	1.17092	1.17092	1.17092
0.978 - 1.096	1.00458	1.02640	0.98276	0.99469	1.01455	0.97484
0.859 - 0.978	0.94914	0.94914	0.94914	0.94731	0.94731	0.94731
0.740 - 0.859	0.84013	0.84959	0.82200	0.84305	0.85677	0.82346
0.621 - 0.740	0.70777	0.70777	0.70777	0.69871	1.71877	-1.28949
0.503 - 0.621	0.58645	0.59000	0.53614	0.58526	1.76974	-1.28949
0.384 - 0.503	0.47154	0.47238	0.46487	0.47220	1.70423	-1.28949
0.265 - 0.384	0.30217	0.30808	0.29625	0.30195	0.30195	0.30195
0.146 - 0.265	0.22828	0.25391	0.21547	0.11685	1.38199	-1.28949
0.028 - 0.146	0.05273	0.05273	0.05273	0.05382	0.05382	0.05382
-0.091 - 0.028	-0.05433	-0.02302	-0.08820	-0.05575	-0.02880	-0.08303
-0.210 - 0.091	-0.13938	-0.10756	-0.19317	-0.14291	-0.11173	-0.20528
-0.448 - 0.329	-0.40376	-0.40376	-0.40376	-0.05541	-0.05541	-0.05541
-0.566 - 0.448	-0.48133	-0.47986	-0.55618	-0.48058	1.50263	-1.28949
-0.685 - 0.566	-0.63306	-0.60654	-0.65134	-0.64469	-0.61896	-0.65828
-0.804 - 0.685	-0.79238	-0.79238	-0.79238	-0.79358	-0.79358	-0.79358
-0.923 - 0.804	-0.85484	-0.83837	-0.87132	-0.85936	-0.85936	-0.85936
-1.041 - 0.923	-1.03947	-0.98387	-1.04134	-1.04054	0.06892	-1.28949

## Node=HP Neural two layers Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.367 - 1.521	1.52076	1.52076	1.52076	1.50263	1.50263	1.50263
1.213 - 1.367	1.32189	1.32781	1.23640	1.32144	1.76974	0.63431
1.059 - 1.213	1.15633	1.20115	1.10081	1.19169	1.30574	1.10175
0.905 - 1.059	0.96590	1.02693	0.93313	0.99205	1.30172	0.74853
0.751 - 0.905	0.81149	0.87073	0.75224	0.80800	0.84963	0.76638
0.597 - 0.751	0.69515	0.71332	0.62503	0.68656	1.72302	-1.28949
0.443 - 0.597	0.56344	0.59271	0.53497	0.57644	0.62051	0.53405
0.289 - 0.443	0.38852	0.40100	0.34477	0.37311	1.38767	-0.61896
0.135 - 0.289	0.20957	0.27625	0.14831	0.21074	0.30195	0.15511
-0.019 - 0.135	0.00927	0.10941	-0.01648	0.01708	0.84963	-1.28949
-0.173 - 0.019	-0.08001	-0.02627	-0.14165	-0.08021	1.66657	-1.28949
-0.327 - 0.173	-0.25790	-0.21555	-0.29774	-0.20845	-0.12652	-0.29355
-0.481 - 0.327	-0.34756	-0.33841	-0.35670	-0.37304	-0.35213	-0.39395
-0.635 - 0.481	-0.58390	-0.54583	-0.63072	-0.60086	-0.56265	-0.62105
-0.789 - 0.635	-0.70797	-0.65035	-0.78440	-0.72501	-0.64884	-0.82397
-0.943 - 0.789	-0.93713	-0.91439	-0.93813	-0.93624	1.13678	-1.28949
-1.251 - 1.097	-1.19246	-1.10577	-1.24370	-1.23525	-1.09749	-1.28949
-1.405 - 1.251	-1.28162	-1.25573	-1.30888	-1.28949	-1.28949	-1.28949
-1.559 - 1.405	-1.55851	-1.55851	-1.55851	-1.28949	-1.28949	-1.28949

## Node=HP Neural two layers Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.411 - 1.538	1.48897	1.53788	1.46005	1.49055	1.71877	1.30574
1.283 - 1.411	1.29192	1.29192	1.29192	1.29103	1.29103	1.29103
1.028 - 1.156	1.05257	1.13552	1.04396	1.04032	1.72302	-1.28949
0.774 - 0.901	0.85367	0.88499	0.82374	0.85339	0.88044	0.82346
0.646 - 0.774	0.72271	0.77028	0.65437	0.72108	1.37498	-0.22210
0.519 - 0.646	0.56468	0.60916	0.55908	0.56252	1.70423	-1.28949
0.392 - 0.519	0.46102	0.46102	0.46102	0.46525	0.46525	0.46525
0.264 - 0.392	0.27514	0.32490	0.27353	0.28481	1.76974	-1.28949
0.137 - 0.264	0.15655	0.15655	0.15655	0.15511	0.15511	0.15511
0.010 - 0.137	0.04537	0.05905	0.02102	0.04066	0.05382	0.02169
-0.118 - 0.010	-0.08749	-0.05731	-0.10178	-0.07795	1.50263	-1.28949
-0.245 - -0.118	-0.18537	-0.12633	-0.24440	-0.17553	-0.11173	-0.23932
-0.373 - -0.245	-0.26151	-0.26151	-0.26151	-0.25881	-0.25881	-0.25881
-0.500 - -0.373	-0.45985	-0.44199	-0.47771	-0.46193	-0.43832	-0.48554
-0.627 - -0.500	-0.61920	-0.61920	-0.61920	-0.61896	-0.61896	-0.61896
-0.755 - -0.627	-0.64806	-0.64491	-0.65121	-0.64884	-0.64884	-0.64884
-0.882 - -0.755	-0.85314	-0.85314	-0.85314	-0.85936	-0.85936	-0.85936
-1.009 - -0.882	-1.00646	-0.91706	-1.00932	-1.01308	0.81745	-1.28949

## Node=HP Neural two layers

### Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.593 - 1.761	1.76130	1.76130	1.76130	1.75390	1.75390	1.75390
1.425 - 1.593	1.51861	1.55825	1.47897	1.44604	1.47303	1.41905
1.256 - 1.425	1.34516	1.40889	1.31772	1.18395	1.54020	-0.17275
1.088 - 1.256	1.13936	1.23640	1.09738	1.01597	1.57618	0.02169
0.919 - 1.088	1.05335	1.08654	0.97301	1.09965	1.68187	0.04568
0.751 - 0.919	0.87085	0.89699	0.82119	0.81074	1.58841	-1.28949
0.583 - 0.751	0.66692	0.74374	0.58721	0.60338	1.72302	-1.28949
0.414 - 0.583	0.50104	0.56254	0.41480	0.55731	1.70423	-1.28949
0.246 - 0.414	0.30415	0.39164	0.26058	0.36371	1.76974	-1.15607
0.077 - 0.246	0.16272	0.21547	0.11625	-0.33368	0.17516	-1.28949
-0.091 - 0.077	-0.04417	0.06676	-0.08738	-0.01687	1.41520	-1.28949
-0.259 - -0.091	-0.16297	-0.09333	-0.25558	-0.04251	1.50263	-1.28949
-0.428 - -0.259	-0.35214	-0.29887	-0.41708	-0.30919	1.26982	-1.28949
-0.596 - -0.428	-0.48958	-0.47771	-0.55336	-0.37194	0.94185	-1.28949
-0.764 - -0.596	-0.69898	-0.59999	-0.75942	-0.43787	1.30384	-1.28949
-0.933 - -0.764	-0.85790	-0.76645	-0.93182	-0.63416	0.97910	-1.28949
-1.101 - -0.933	-0.99895	-0.93775	-1.07490	-1.00269	1.10033	-1.28949
-1.270 - -1.101	-1.14886	-1.10577	-1.26675	-1.00524	1.01762	-1.28949
-1.438 - -1.270	-1.31110	-1.26984	-1.39110	-1.28949	-1.28949	-1.28949
-1.606 - -1.438	-1.60631	-1.60631	-1.60631	-1.28949	-1.28949	-1.28949

## Node=HP Neural two layers

### Summary

Group Index	Group	Frequency Count
1	^( <u>fold_</u> =1)	346
2	^( <u>fold_</u> =2)	329
3	^( <u>fold_</u> =3)	347
4	^( <u>fold_</u> =4)	351

Group Index	Group	Frequency Count
5	$\wedge(\text{fold\_}=5)$	347
6	$\wedge(\text{fold\_}=6)$	340
7	$\wedge(\text{fold\_}=7)$	354
8	$\wedge(\text{fold\_}=8)$	337

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp7  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp7 => HPNNA4 => EndGrp7  
 Notes =

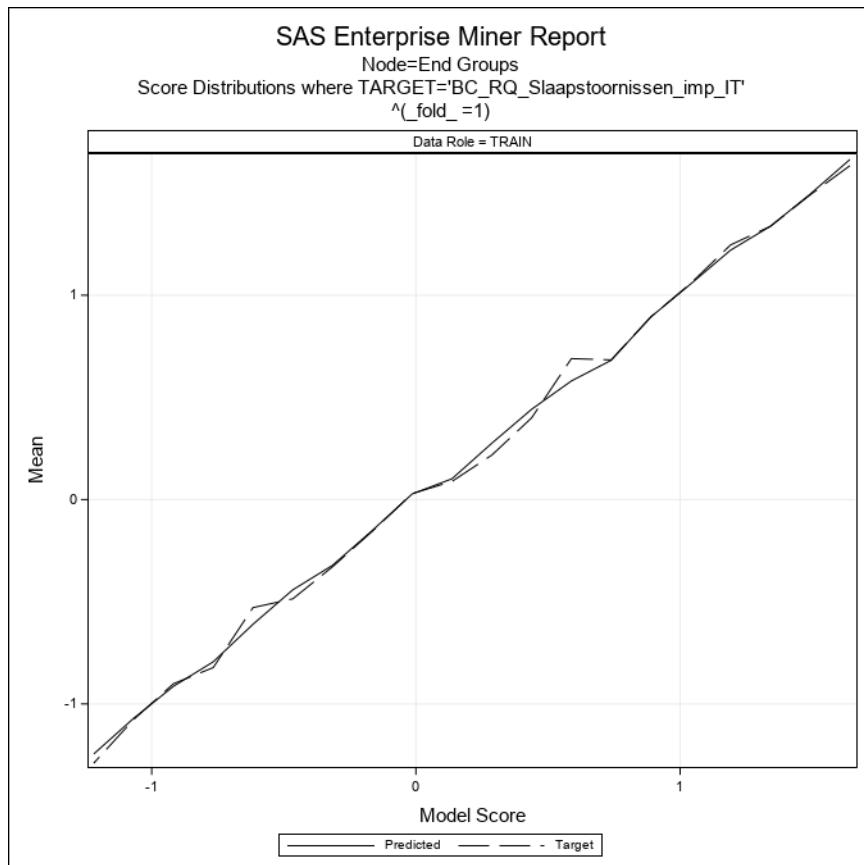
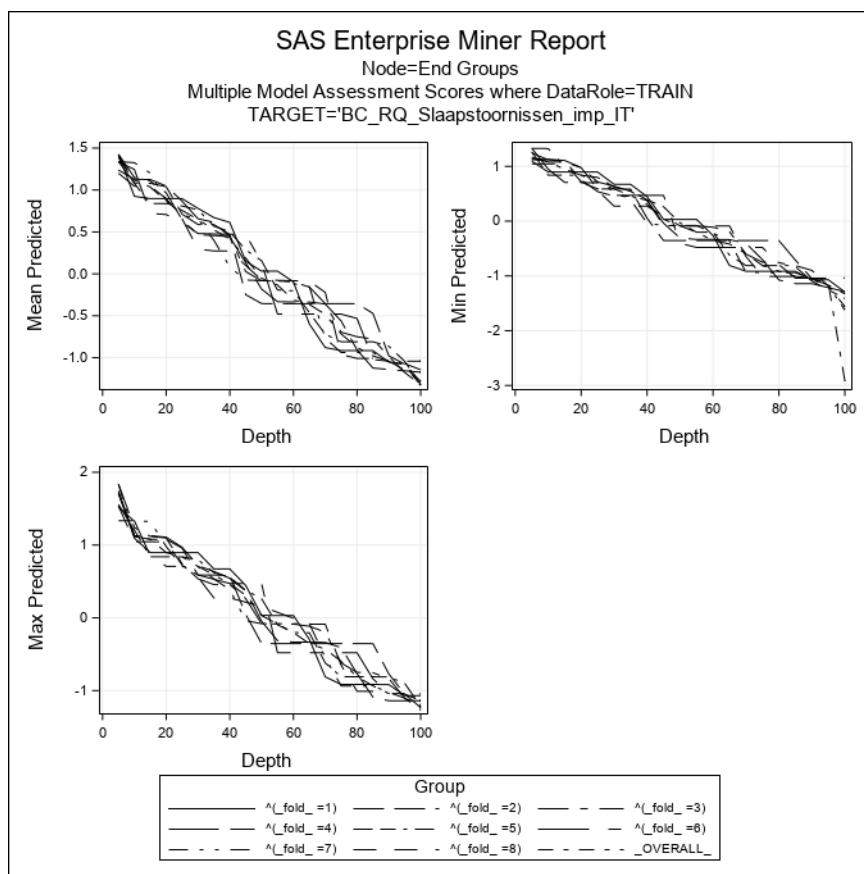
### Node=End Groups Properties

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:	
				Average Squared Error	Divisor for ASE	Maximum Absolute Error	Sum of Frequencies	Average Squared Error	Sum of Squared Errors	Target Label	
1	^(fold_=1)	HPNNA4	BC_RQ_Slaapstoornissen_imp_IT	0.29797	347	2.18648	347	0.54587	103.396	ReQuest (sleep subscale) (Box-Cox transformed)	
2	^(fold_=2)	HPNNA4	BC_RQ_Slaapstoornissen_imp_IT	0.41348	350	1.87888	350	0.64303	144.719	ReQuest (sleep subscale) (Box-Cox transformed)	
3	^(fold_=3)	HPNNA4	BC_RQ_Slaapstoornissen_imp_IT	0.36857	343	2.22266	343	0.60710	126.421	ReQuest (sleep subscale) (Box-Cox transformed)	
4	^(fold_=4)	HPNNA4	BC_RQ_Slaapstoornissen_imp_IT	0.31000	346	2.41814	346	0.55678	107.261	ReQuest (sleep subscale) (Box-Cox transformed)	
5	^(fold_=5)	HPNNA4	BC_RQ_Slaapstoornissen_imp_IT	0.36906	346	2.12801	346	0.60750	127.695	ReQuest (sleep subscale) (Box-Cox transformed)	
6	^(fold_=6)	HPNNA4	BC_RQ_Slaapstoornissen_imp_IT	0.44391	340	1.99726	340	0.66626	150.929	ReQuest (sleep subscale) (Box-Cox transformed)	
7	^(fold_=7)	HPNNA4	BC_RQ_Slaapstoornissen_imp_IT	0.29622	338	2.07491	338	0.54426	100.121	ReQuest (sleep subscale) (Box-Cox transformed)	
8	^(fold_=8)	HPNNA4	BC_RQ_Slaapstoornissen_imp_IT	0.42037	344	2.33506	344	0.64836	144.608	ReQuest (sleep subscale) (Box-Cox transformed)	
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	0.49764	393	2.76323	393	0.70544	195.574	ReQuest (sleep subscale) (Box-Cox transformed)	

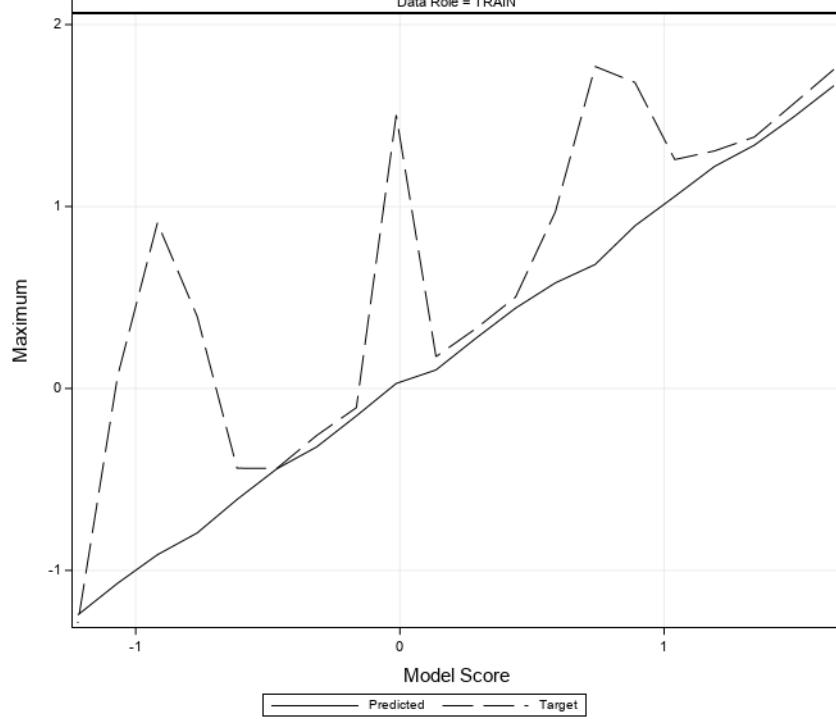


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

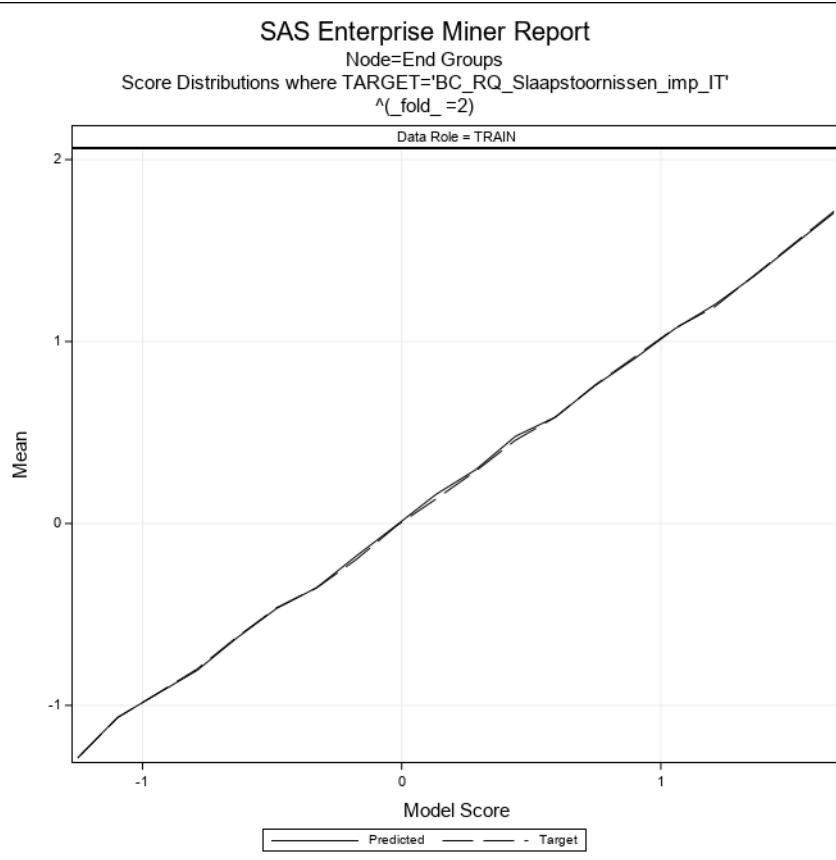
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

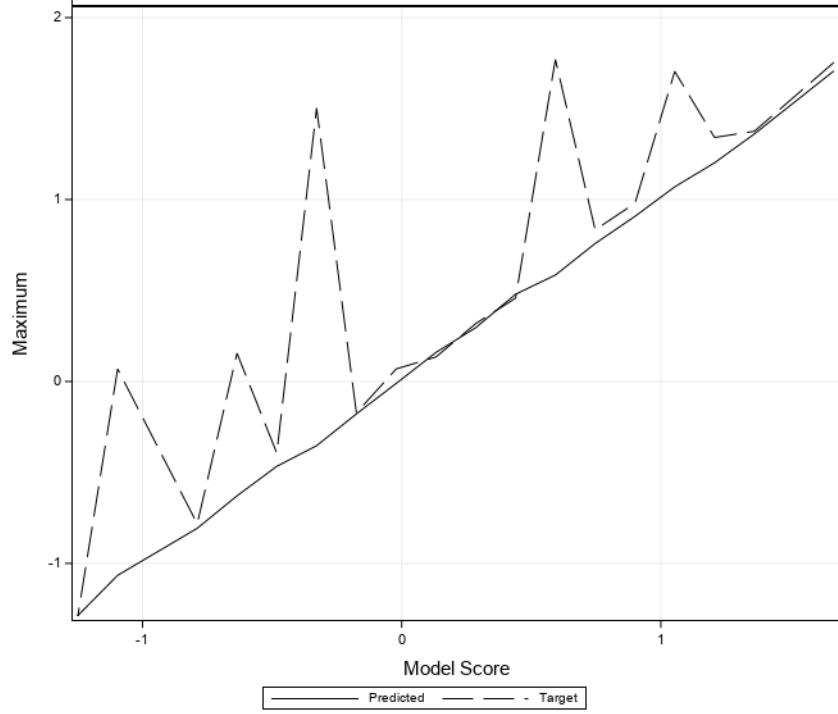


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

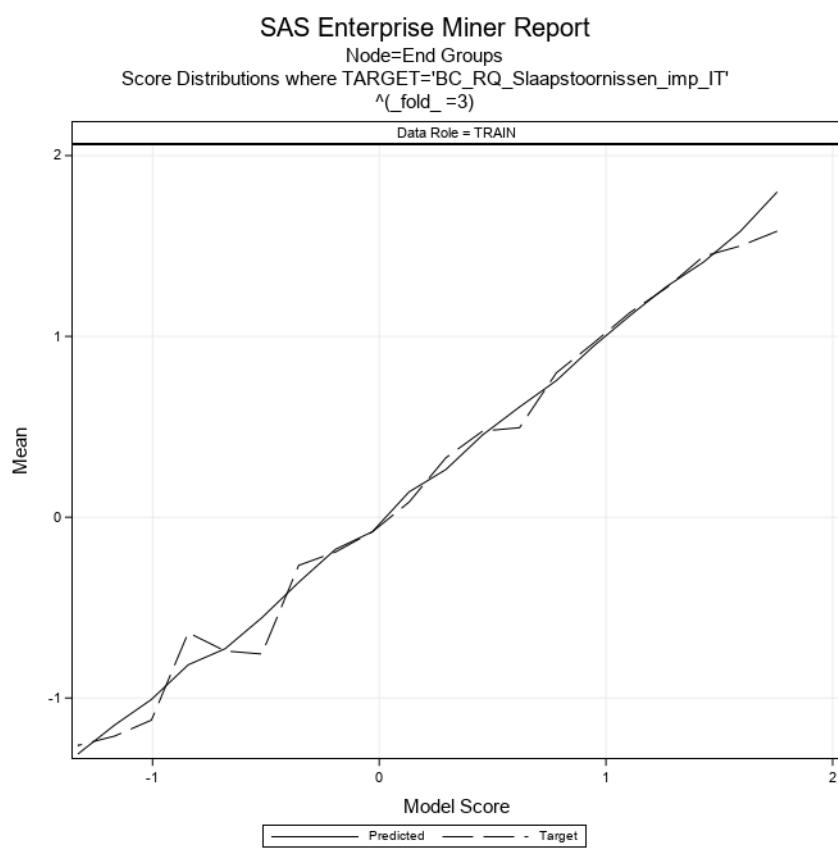


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN

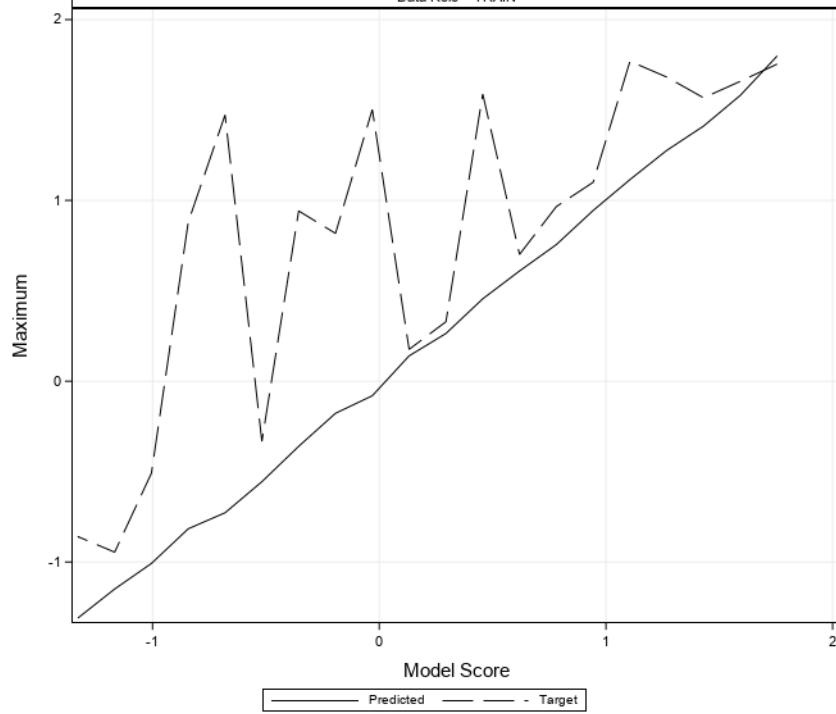


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=3)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

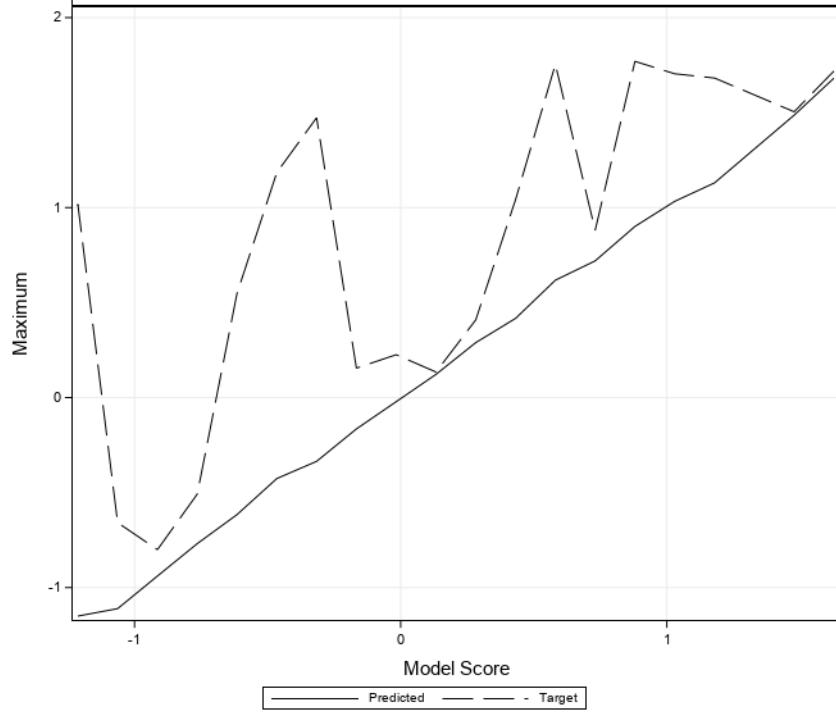


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN

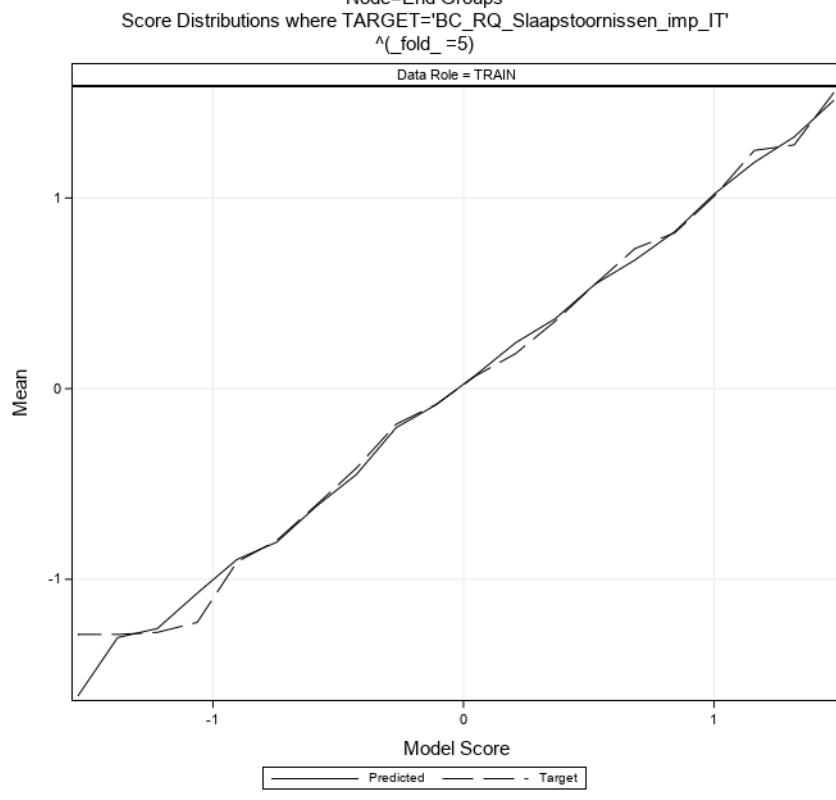


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=5)

Data Role = TRAIN

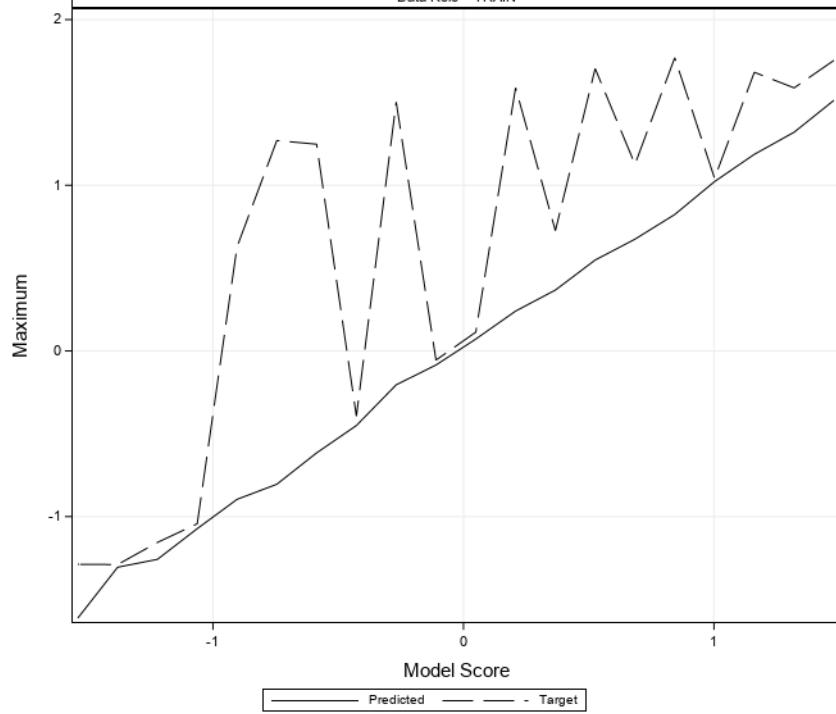


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

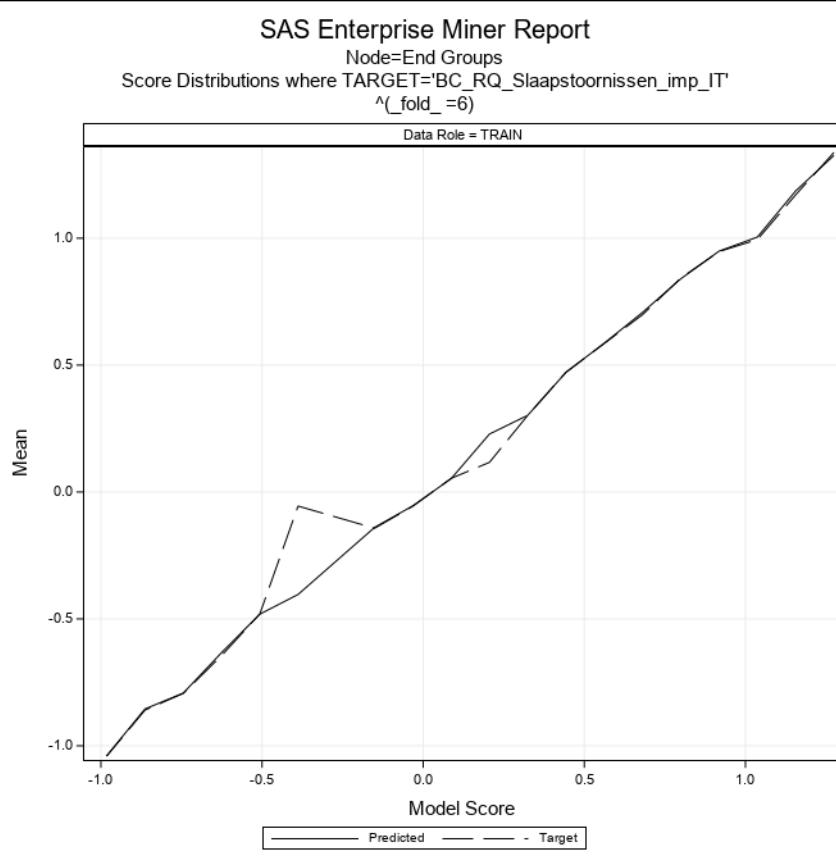


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

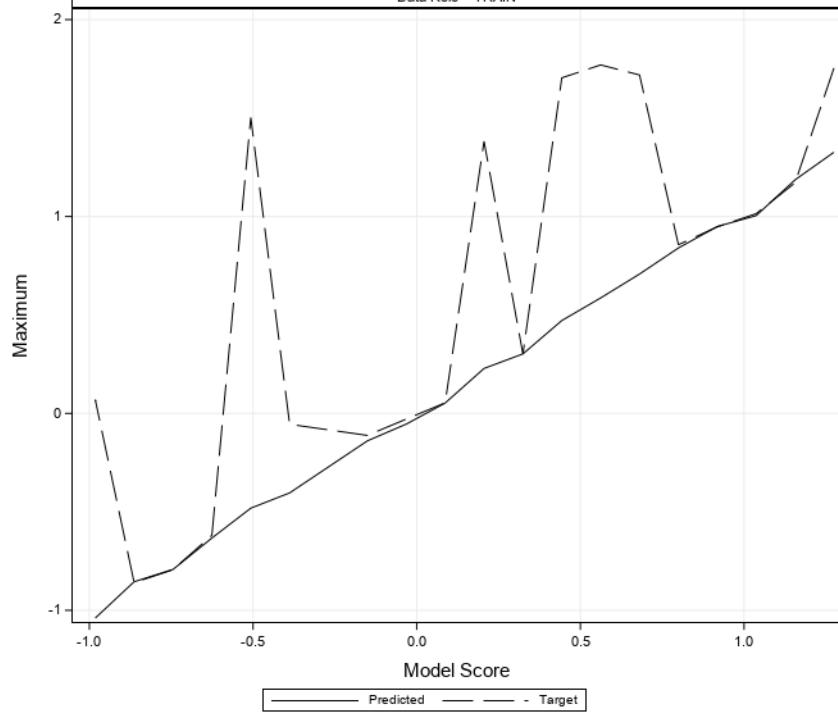


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=6)

Data Role = TRAIN

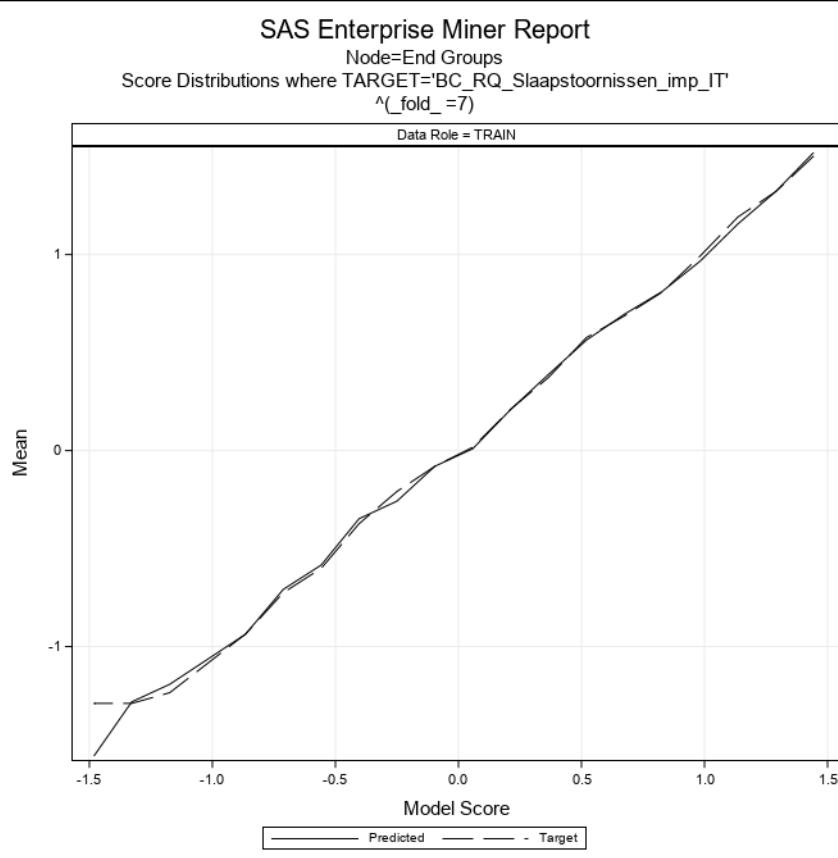


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=7)

Data Role = TRAIN

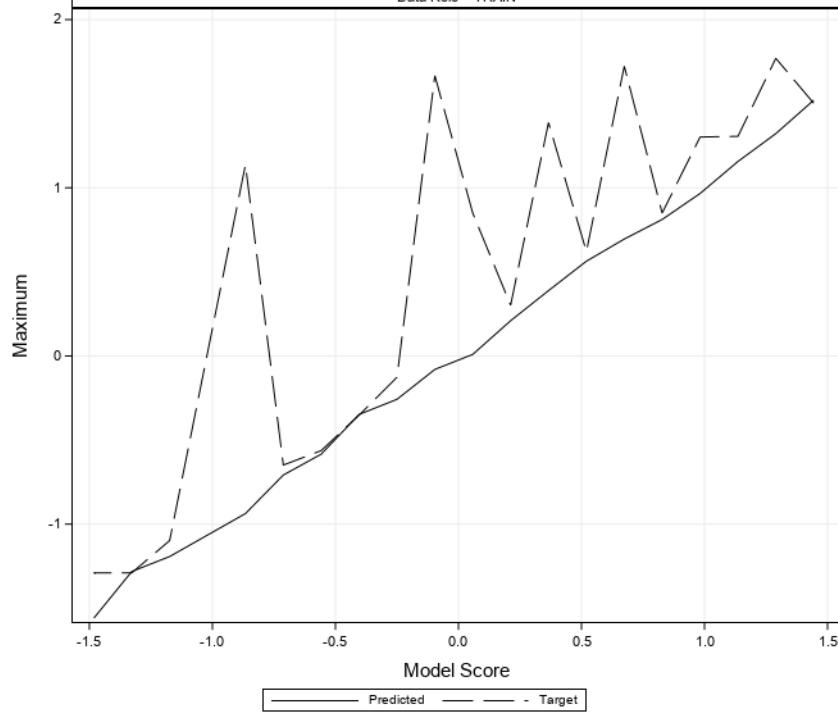


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

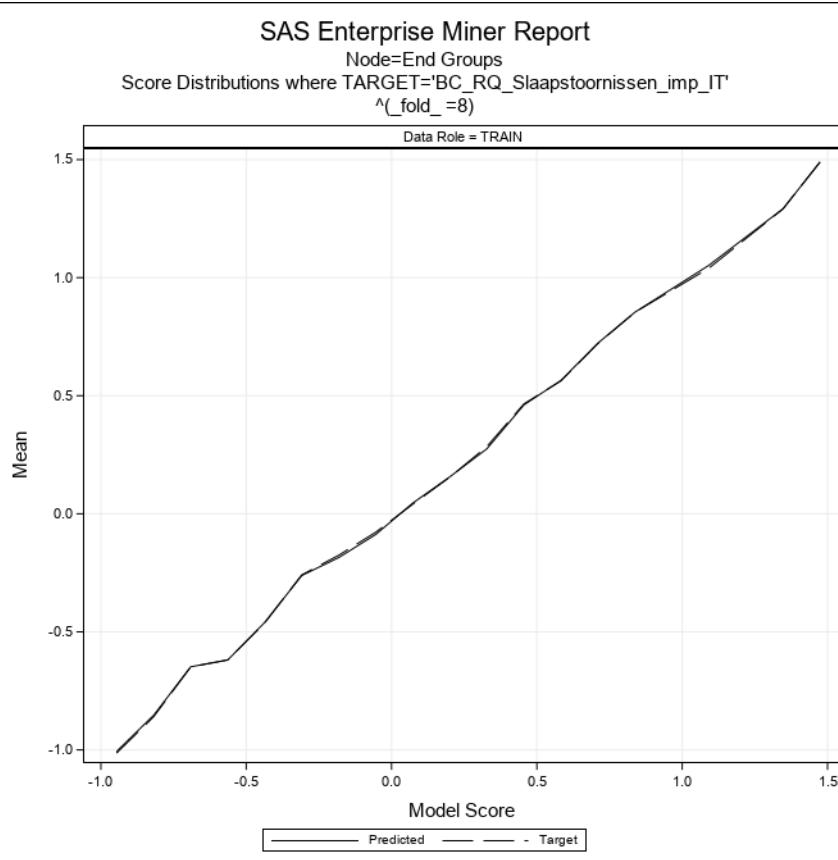


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

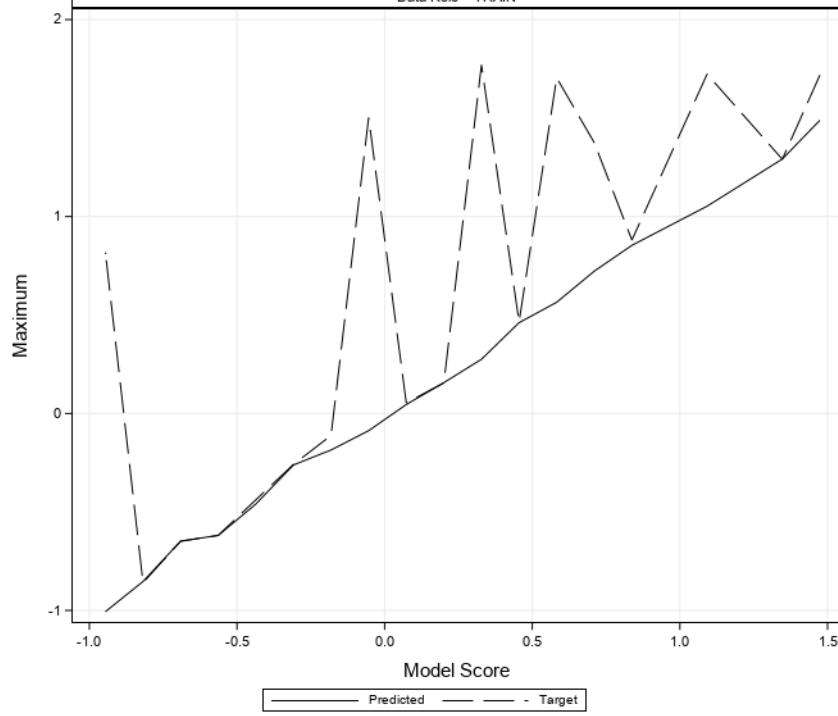


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

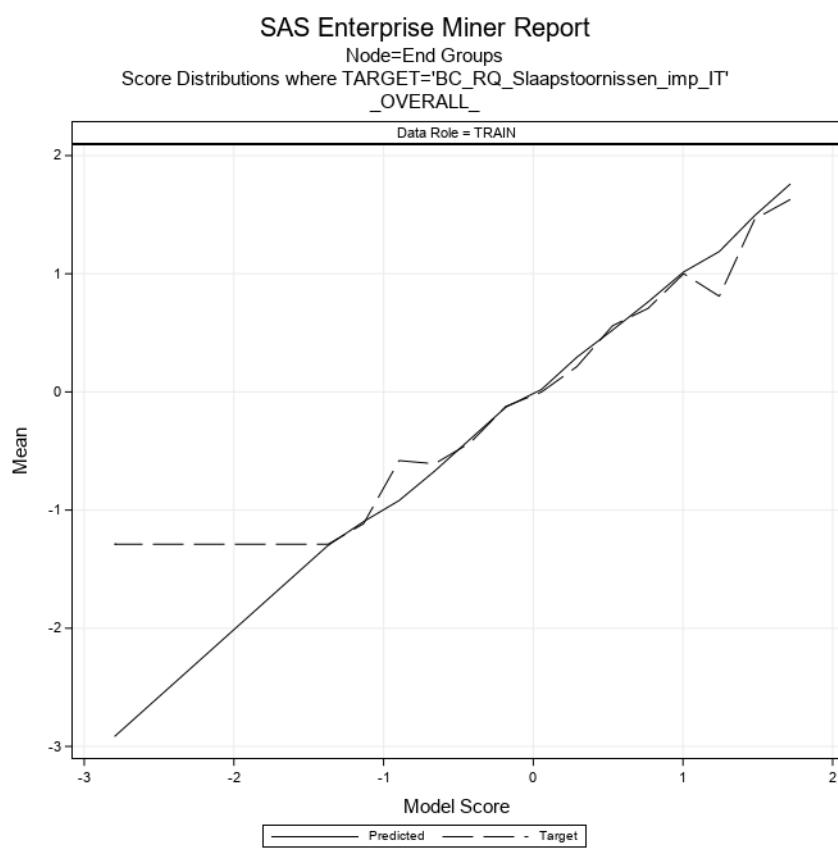


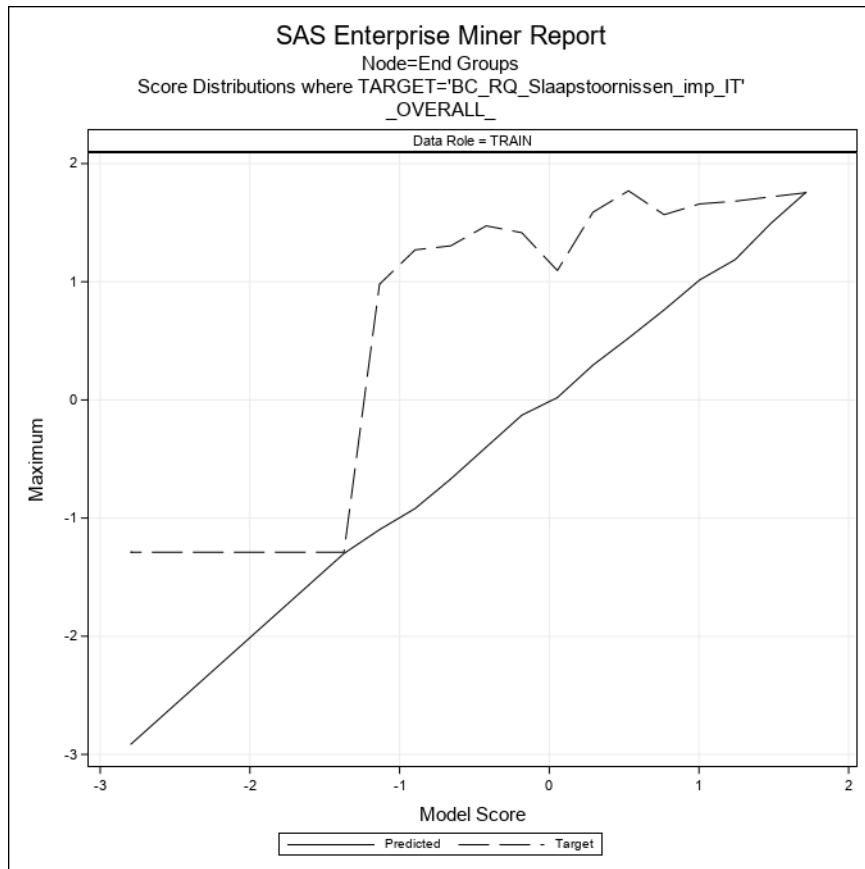
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=End Groups Score Distributions**

Group=<sup>^</sup>(fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.567 - 1.718	1.66423	1.71805	1.58063	1.63395	1.75390	1.26982
1.417 - 1.567	1.49439	1.55548	1.41876	1.49092	1.56738	1.41905
1.266 - 1.417	1.33724	1.39371	1.26842	1.33697	1.38199	1.28019
1.116 - 1.266	1.22040	1.26423	1.15552	1.24610	1.30574	1.18466
0.965 - 1.116	1.05542	1.10101	0.99593	1.05812	1.25802	0.94185
0.814 - 0.965	0.89405	0.89791	0.81852	0.89434	1.68187	-1.28949
0.664 - 0.814	0.68152	0.80586	0.66745	0.68355	1.76974	-1.28949
0.513 - 0.664	0.58036	0.66011	0.52229	0.68977	0.97127	0.54821
0.362 - 0.513	0.44167	0.48498	0.39962	0.39952	0.50230	0.05382
0.212 - 0.362	0.27548	0.31033	0.22947	0.21749	0.32884	0.02169
0.061 - 0.212	0.10184	0.15646	0.06782	0.08884	0.17516	0.04568
-0.089 - 0.061	0.02751	0.05747	-0.07396	0.02915	1.50263	-1.28949
-0.240 - -0.089	-0.15069	-0.09600	-0.22807	-0.15497	-0.10535	-0.23932
-0.391 - -0.240	-0.32153	-0.26285	-0.36762	-0.32856	-0.25881	-0.39395
-0.541 - -0.391	-0.44160	-0.43074	-0.45560	-0.48576	-0.43944	-0.56265
-0.692 - -0.541	-0.61016	-0.57431	-0.64602	-0.52864	-0.43832	-0.61896
-0.842 - -0.692	-0.79399	-0.73086	-0.81152	-0.82221	0.39550	-1.28949
-0.993 - -0.842	-0.91387	-0.87851	-0.91937	-0.90112	0.91001	-1.28949
-1.144 - -0.993	-1.07049	-1.07007	-1.08847	-1.07652	0.06892	-1.28949
-1.294 - -1.144	-1.24458	-1.21337	-1.29434	-1.28949	-1.28949	-1.28949

### **Node=End Groups Score Distributions**

Group=^(\_fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.591 - 1.745	1.70709	1.74477	1.64191	1.71556	1.75390	1.66657
1.284 - 1.438	1.36042	1.37604	1.33998	1.36394	1.37498	1.34442
1.131 - 1.284	1.20193	1.25918	1.16903	1.19039	1.34127	0.93843
0.977 - 1.131	1.06987	1.11653	0.97793	1.07271	1.70423	0.04568
0.823 - 0.977	0.90747	0.97665	0.83263	0.91637	0.97910	0.84891
0.670 - 0.823	0.75833	0.82119	0.72073	0.76119	0.83372	0.70134
0.516 - 0.670	0.58489	0.65621	0.52163	0.58423	1.76974	-1.28949
0.363 - 0.516	0.47949	0.47949	0.47949	0.45800	0.45800	0.45800
0.209 - 0.363	0.29581	0.32410	0.26752	0.28822	0.31840	0.25804
0.056 - 0.209	0.15985	0.15985	0.15985	0.13449	0.13449	0.13449
-0.098 - 0.056	-0.01082	0.05331	-0.09420	-0.01453	0.06892	-0.11173
-0.252 - -0.098	-0.17831	-0.16313	-0.19349	-0.19743	-0.17275	-0.22210
-0.405 - -0.252	-0.35308	-0.28045	-0.36751	-0.35372	1.50263	-1.28949
-0.559 - -0.405	-0.46628	-0.41482	-0.55336	-0.46252	-0.39395	-0.56265
-0.712 - -0.559	-0.62859	-0.55944	-0.71167	-0.62381	0.15511	-1.28949
-0.866 - -0.712	-0.80696	-0.77206	-0.84697	-0.79994	-0.78226	-0.85936
-1.173 - -1.019	-1.06552	-1.04951	-1.17006	-1.06726	0.06892	-1.28949
-1.327 - -1.173	-1.28686	-1.23333	-1.32654	-1.28949	-1.28949	-1.28949

## Node=End Groups

### Score Distributions

Group=^(\_fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.674 - 1.837	1.79894	1.83658	1.76130	1.58193	1.75390	1.40996
1.512 - 1.674	1.58142	1.63847	1.52437	1.50014	1.65900	1.34127
1.349 - 1.512	1.41111	1.50679	1.35950	1.44308	1.56738	1.37498
1.187 - 1.349	1.27667	1.33528	1.20119	1.27009	1.68187	0.92436
1.025 - 1.187	1.11506	1.18274	1.04343	1.13182	1.76974	-0.29355
0.862 - 1.025	0.94431	1.00052	0.86642	0.96138	1.10033	0.84891
0.700 - 0.862	0.75556	0.82846	0.71548	0.79853	0.96579	0.72559
0.538 - 0.700	0.60968	0.68155	0.53893	0.49496	0.70134	-0.22210
0.375 - 0.538	0.45560	0.53626	0.38003	0.47675	1.58841	-1.28949
0.213 - 0.375	0.26387	0.26387	0.26387	0.32884	0.32884	0.32884
0.051 - 0.213	0.14025	0.21167	0.06608	0.08373	0.17608	-0.05541
-0.112 - 0.051	-0.08045	0.02359	-0.11048	-0.08110	1.50263	-1.28949
-0.274 - -0.112	-0.17743	-0.11562	-0.25437	-0.19246	0.81745	-1.28949
-0.437 - -0.274	-0.36011	-0.30776	-0.41708	-0.26639	0.94185	-1.28949
-0.599 - -0.437	-0.55583	-0.53925	-0.57338	-0.75648	-0.33277	-1.28949
-0.761 - -0.599	-0.72757	-0.60068	-0.76044	-0.73979	1.47303	-1.28949
-0.924 - -0.761	-0.81619	-0.76645	-0.91893	-0.63865	0.88044	-1.28949
-1.086 - -0.924	-1.00780	-0.95065	-1.07000	-1.12207	-0.50835	-1.28949
-1.248 - -1.086	-1.14947	-1.09412	-1.24464	-1.21053	-0.94555	-1.28949
-1.411 - -1.248	-1.31008	-1.24910	-1.41072	-1.26265	-0.85936	-1.28949

## Node=End Groups

### Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.553 - 1.703	1.68112	1.70265	1.65959	1.62949	1.71877	1.54020
1.404 - 1.553	1.48642	1.52276	1.45008	1.46165	1.50424	1.41905
1.105 - 1.254	1.13005	1.18209	1.10790	1.10900	1.68187	-1.28949
0.955 - 1.105	1.03294	1.10448	0.96185	1.03609	1.70423	0.46525
0.806 - 0.955	0.90080	0.95182	0.84707	1.12737	1.76974	0.88044
0.656 - 0.806	0.71953	0.79135	0.67933	0.46497	0.88044	-0.15701
0.506 - 0.656	0.61777	0.65545	0.53209	0.65363	1.75390	-1.28949
0.357 - 0.506	0.41678	0.49952	0.36910	0.46904	1.04222	-1.28949
0.207 - 0.357	0.28933	0.34133	0.22200	0.26212	0.40910	0.02313
0.058 - 0.207	0.12211	0.14573	0.07785	0.07178	0.13449	0.02169
-0.092 - 0.058	-0.02157	0.04269	-0.05441	-0.02227	0.22557	-0.43832
-0.241 - -0.092	-0.16505	-0.09861	-0.22891	-0.16584	0.15511	-0.43832
-0.391 - -0.241	-0.33571	-0.25558	-0.38110	-0.37358	1.47303	-1.28949
-0.540 - -0.391	-0.42627	-0.39497	-0.51642	-0.00185	1.18466	-0.79358
-0.690 - -0.540	-0.61596	-0.56956	-0.66541	-0.53998	0.54821	-1.04326
-0.839 - -0.690	-0.76891	-0.69333	-0.82951	-0.86905	-0.50835	-1.28949
-0.989 - -0.839	-0.93947	-0.85709	-0.97664	-1.11751	-0.80052	-1.28949
-1.138 - -0.989	-1.11095	-1.01853	-1.13743	-1.22412	-0.65828	-1.28949
-1.288 - -1.138	-1.15010	-1.13957	-1.28777	-1.09727	1.01762	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.399 - 1.558	1.51281	1.55825	1.40436	1.55344	1.75390	1.37498
1.241 - 1.399	1.32024	1.38095	1.26730	1.27838	1.58775	0.97127
1.082 - 1.241	1.18684	1.20587	1.08267	1.24943	1.68187	0.94388
0.923 - 1.082	1.02212	1.06807	0.98075	1.01156	1.04222	0.97484
0.764 - 0.923	0.82357	0.87874	0.77454	0.81721	1.76974	-1.28949
0.605 - 0.764	0.67449	0.74230	0.61474	0.73478	1.12609	0.62051
0.446 - 0.605	0.54866	0.58341	0.48234	0.54842	1.70423	-1.15607
0.287 - 0.446	0.36733	0.41609	0.30773	0.35411	0.72559	-0.05541
0.129 - 0.287	0.24042	0.28548	0.13808	0.18387	1.58841	-1.28949
-0.030 - 0.129	0.07162	0.11625	-0.00653	0.06728	0.11328	-0.00312
-0.189 - -0.030	-0.08503	-0.03213	-0.12627	-0.08339	-0.05541	-0.11173
-0.348 - -0.189	-0.20455	-0.19296	-0.27501	-0.18629	1.50263	-1.28949
-0.507 - -0.348	-0.45034	-0.43368	-0.46699	-0.41670	-0.39395	-0.43944
-0.666 - -0.507	-0.61556	-0.53874	-0.63840	-0.60894	1.24789	-1.28949
-0.825 - -0.666	-0.80476	-0.66954	-0.82085	-0.79586	1.26982	-1.28949
-0.983 - -0.825	-0.89598	-0.84956	-0.97338	-0.90927	0.62767	-1.28949
-1.142 - -0.983	-1.07291	-1.01950	-1.13803	-1.22621	-1.04326	-1.28949
-1.301 - -1.142	-1.25810	-1.18428	-1.29900	-1.27837	-1.15607	-1.28949
-1.460 - -1.301	-1.30570	-1.30161	-1.31561	-1.28949	-1.28949	-1.28949
-1.619 - -1.460	-1.61261	-1.60631	-1.61891	-1.28884	-1.28820	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.215 - 1.334	1.32625	1.33389	1.27784	1.33779	1.75390	0.69221
1.096 - 1.215	1.18613	1.18613	1.18613	1.17092	1.17092	1.17092
0.978 - 1.096	1.00458	1.02640	0.98276	0.99469	1.01455	0.97484
0.859 - 0.978	0.94914	0.94914	0.94914	0.94731	0.94731	0.94731
0.740 - 0.859	0.84013	0.84959	0.82200	0.84305	0.85677	0.82346
0.621 - 0.740	0.70777	0.70777	0.70777	0.69871	1.71877	-1.28949
0.503 - 0.621	0.58645	0.59000	0.53614	0.58526	1.76974	-1.28949
0.384 - 0.503	0.47154	0.47238	0.46487	0.47220	1.70423	-1.28949
0.265 - 0.384	0.30217	0.30808	0.29625	0.30195	0.30195	0.30195
0.146 - 0.265	0.22828	0.25391	0.21547	0.11685	1.38199	-1.28949
0.028 - 0.146	0.05273	0.05273	0.05273	0.05382	0.05382	0.05382
-0.091 - 0.028	-0.05433	-0.02302	-0.08820	-0.05575	-0.02880	-0.08303
-0.210 - 0.091	-0.13938	-0.10756	-0.19317	-0.14291	-0.11173	-0.20528
-0.448 - 0.329	-0.40376	-0.40376	-0.40376	-0.05541	-0.05541	-0.05541
-0.566 - 0.448	-0.48133	-0.47986	-0.55618	-0.48058	1.50263	-1.28949
-0.685 - 0.566	-0.63306	-0.60654	-0.65134	-0.64469	-0.61896	-0.65828
-0.804 - 0.685	-0.79238	-0.79238	-0.79238	-0.79358	-0.79358	-0.79358
-0.923 - 0.804	-0.85484	-0.83837	-0.87132	-0.85936	-0.85936	-0.85936
-1.041 - 0.923	-1.03947	-0.98387	-1.04134	-1.04054	0.06892	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.367 - 1.521	1.52076	1.52076	1.52076	1.50263	1.50263	1.50263
1.213 - 1.367	1.32189	1.32781	1.23640	1.32144	1.76974	0.63431
1.059 - 1.213	1.15633	1.20115	1.10081	1.19169	1.30574	1.10175
0.905 - 1.059	0.96590	1.02693	0.93313	0.99205	1.30172	0.74853
0.751 - 0.905	0.81149	0.87073	0.75224	0.80800	0.84963	0.76638
0.597 - 0.751	0.69515	0.71332	0.62503	0.68656	1.72302	-1.28949
0.443 - 0.597	0.56344	0.59271	0.53497	0.57644	0.62051	0.53405
0.289 - 0.443	0.38852	0.40100	0.34477	0.37311	1.38767	-0.61896
0.135 - 0.289	0.20957	0.27625	0.14831	0.21074	0.30195	0.15511
-0.019 - 0.135	0.00927	0.10941	-0.01648	0.01708	0.84963	-1.28949
-0.173 - 0.019	-0.08001	-0.02627	-0.14165	-0.08021	1.66657	-1.28949
-0.327 - 0.173	-0.25790	-0.21555	-0.29774	-0.20845	-0.12652	-0.29355
-0.481 - 0.327	-0.34756	-0.33841	-0.35670	-0.37304	-0.35213	-0.39395
-0.635 - 0.481	-0.58390	-0.54583	-0.63072	-0.60086	-0.56265	-0.62105
-0.789 - 0.635	-0.70797	-0.65035	-0.78440	-0.72501	-0.64884	-0.82397
-0.943 - 0.789	-0.93713	-0.91439	-0.93813	-0.93624	1.13678	-1.28949
-1.251 - 1.097	-1.19246	-1.10577	-1.24370	-1.23525	-1.09749	-1.28949
-1.405 - 1.251	-1.28162	-1.25573	-1.30888	-1.28949	-1.28949	-1.28949
-1.559 - 1.405	-1.55851	-1.55851	-1.55851	-1.28949	-1.28949	-1.28949

## Node=End Groups Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.411 - 1.538	1.48897	1.53788	1.46005	1.49055	1.71877	1.30574
1.283 - 1.411	1.29192	1.29192	1.29192	1.29103	1.29103	1.29103
1.028 - 1.156	1.05257	1.13552	1.04396	1.04032	1.72302	-1.28949
0.774 - 0.901	0.85367	0.88499	0.82374	0.85339	0.88044	0.82346
0.646 - 0.774	0.72271	0.77028	0.65437	0.72108	1.37498	-0.22210
0.519 - 0.646	0.56468	0.60916	0.55908	0.56252	1.70423	-1.28949
0.392 - 0.519	0.46102	0.46102	0.46102	0.46525	0.46525	0.46525
0.264 - 0.392	0.27514	0.32490	0.27353	0.28481	1.76974	-1.28949
0.137 - 0.264	0.15655	0.15655	0.15655	0.15511	0.15511	0.15511
0.010 - 0.137	0.04537	0.05905	0.02102	0.04066	0.05382	0.02169
-0.118 - 0.010	-0.08749	-0.05731	-0.10178	-0.07795	1.50263	-1.28949
-0.245 - -0.118	-0.18537	-0.12633	-0.24440	-0.17553	-0.11173	-0.23932
-0.373 - -0.245	-0.26151	-0.26151	-0.26151	-0.25881	-0.25881	-0.25881
-0.500 - -0.373	-0.45985	-0.44199	-0.47771	-0.46193	-0.43832	-0.48554
-0.627 - -0.500	-0.61920	-0.61920	-0.61920	-0.61896	-0.61896	-0.61896
-0.755 - -0.627	-0.64806	-0.64491	-0.65121	-0.64884	-0.64884	-0.64884
-0.882 - -0.755	-0.85314	-0.85314	-0.85314	-0.85936	-0.85936	-0.85936
-1.009 - -0.882	-1.00646	-0.91706	-1.00932	-1.01308	0.81745	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.599 - 1.837	1.76036	1.83658	1.71251	1.62896	1.75390	1.40996
1.361 - 1.599	1.49354	1.55825	1.37604	1.46372	1.71877	1.30574
1.124 - 1.361	1.18797	1.33389	1.12592	0.80956	1.68187	-1.28949
0.886 - 1.124	1.01524	1.11106	0.89654	1.00087	1.65900	-0.78226
0.648 - 0.886	0.76178	0.87162	0.65437	0.70715	1.56738	-1.28949
0.411 - 0.648	0.52335	0.62503	0.44600	0.55991	1.76974	-1.28949
0.173 - 0.411	0.29448	0.40100	0.17971	0.21488	1.58841	-0.61896
-0.065 - 0.173	0.01999	0.13253	-0.05441	-0.00149	1.09472	-1.28949
-0.302 - -0.065	-0.12946	-0.07875	-0.27501	-0.12288	1.41520	-1.28949
-0.540 - -0.302	-0.39921	-0.33410	-0.50706	-0.43003	1.47303	-1.28949
-0.778 - -0.540	-0.66988	-0.59247	-0.75079	-0.60818	1.30384	-1.28949
-1.015 - -0.778	-0.91916	-0.78763	-1.00932	-0.58115	1.26982	-1.28949
-1.253 - -1.015	-1.09790	-1.04080	-1.24910	-1.11560	0.97910	-1.28949
-1.491 - -1.253	-1.29970	-1.25546	-1.38875	-1.28949	-1.28949	-1.28949
-2.917 - -2.679	-2.91664	-2.91664	-2.91664	-1.28949	-1.28949	-1.28949

## Node=End Groups Summary

Group Index	Group	Frequency Count
1	^( <u>fold_</u> =1)	346
2	^( <u>fold_</u> =2)	329
3	^( <u>fold_</u> =3)	347
4	^( <u>fold_</u> =4)	351
5	^( <u>fold_</u> =5)	347
6	^( <u>fold_</u> =6)	340
7	^( <u>fold_</u> =7)	354
8	^( <u>fold_</u> =8)	337

## SAS Enterprise Miner Report

### Node=Gradient Boosting Tuned 2 Summary

Node id = Boost4  
 Node label = Gradient Boosting Tuned 2  
 Meta path = Ids => Trans => Grp2 => Boost4  
 Notes =

### Node=Gradient Boosting Tuned 2 Properties

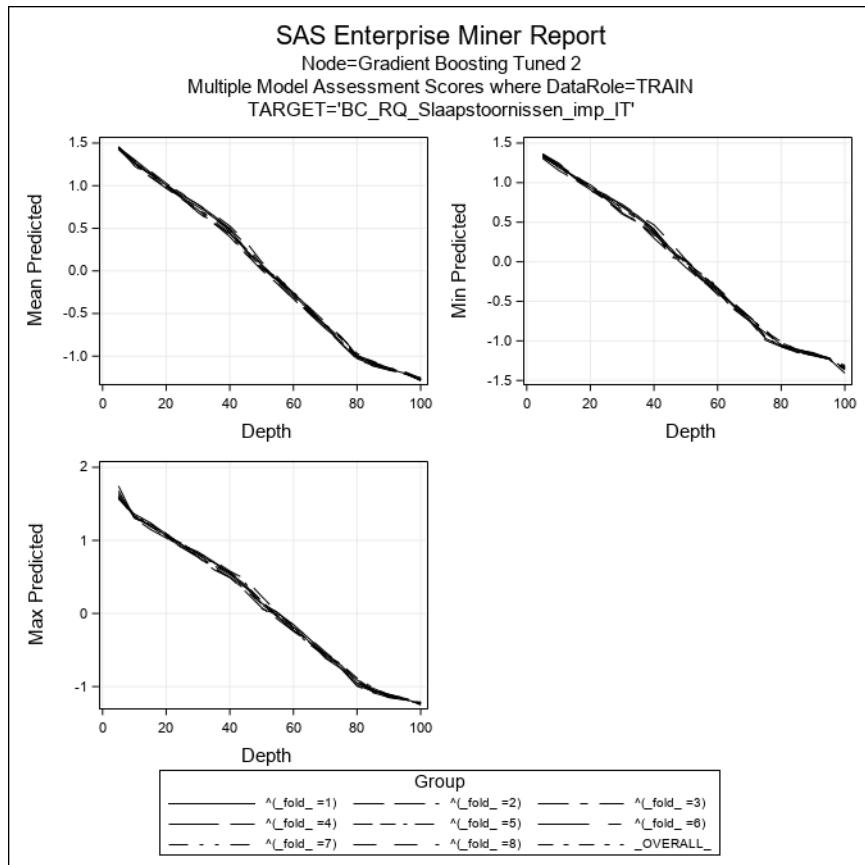
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	3	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	6	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	2	1
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	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_Slaapstoornissen_imp_IT	
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: Root	Train: Divisor for ASE	Train: Total Degrees of Freedom	Train: Total Target Label
			Sum of Case Freq	Weights Freq				
1	^(fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	348	348	0.51276	6.2604	0.01799	0.13413
2	^(fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	347	347	0.46434	7.2446	0.02088	0.14449
3	^(fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	350	350	0.46839	7.6586	0.02188	0.14792
4	^(fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	356	356	0.35787	7.7976	0.02190	0.14800
5	^(fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	348	348	0.40622	6.5105	0.01871	0.13678
6	^(fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	346	346	0.39324	5.6328	0.01628	0.12759
7	^(fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	338	338	0.42546	6.1353	0.01815	0.13473

Group Index	Group	Train: Target Variable	Train:		Train:		Train:		Train:		Train:	
			Sum of Weights	Case Freq	Maximum Absolute Error	Sum of Squared Errors	Average Squared Error	Root ASE	Divisor for ASE	Degrees of Freedom	Total	Target Label
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	353	353	0.38955	6.9693	0.01974	0.14051	353	353	353	ReQuest (sleep subscale) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	393	.	1.75828	39.3924	0.10024	0.31660	393	.	393	ReQuest (sleep subscale) (Box-Cox transformed)



**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=1)

Data Role = TRAIN

Mean

1  
0  
-1

-1.0 -0.5 0.0 0.5 1.0 1.5

Model Score

Predicted — Target

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=1)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

-1.0 -0.5 0.0 0.5 1.0 1.5

Model Score

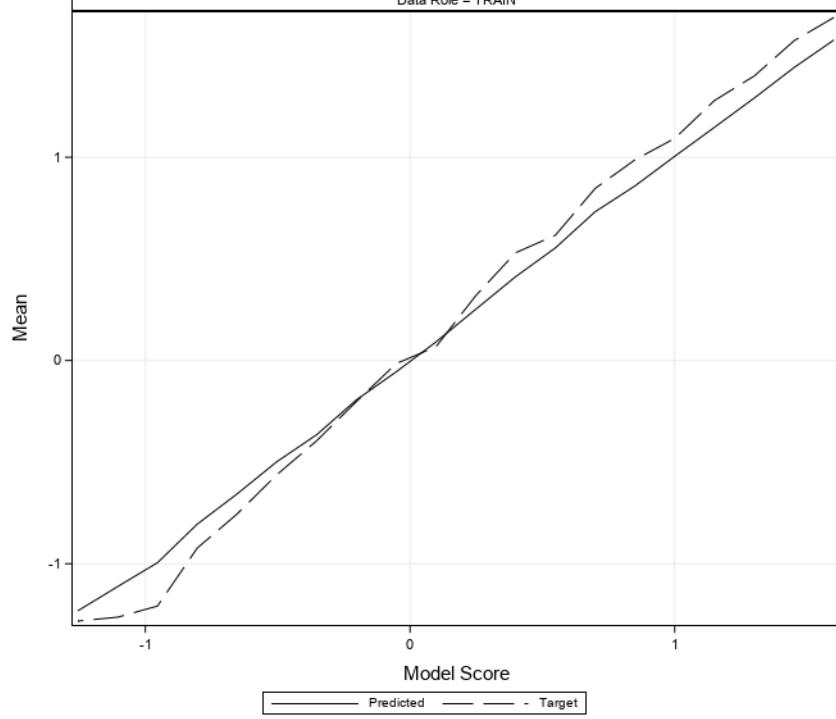
Predicted — Target

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

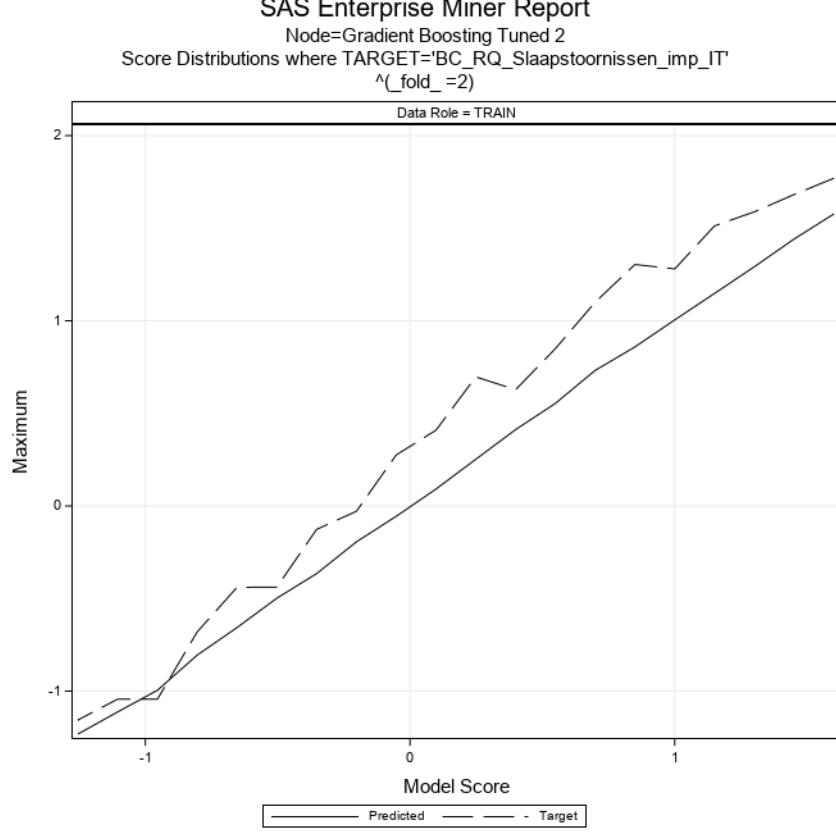
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN



**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

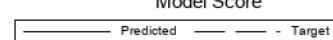
Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

Mean

1  
0  
-1

Model Score

 Predicted — Target -**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

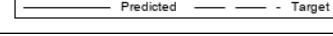
Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

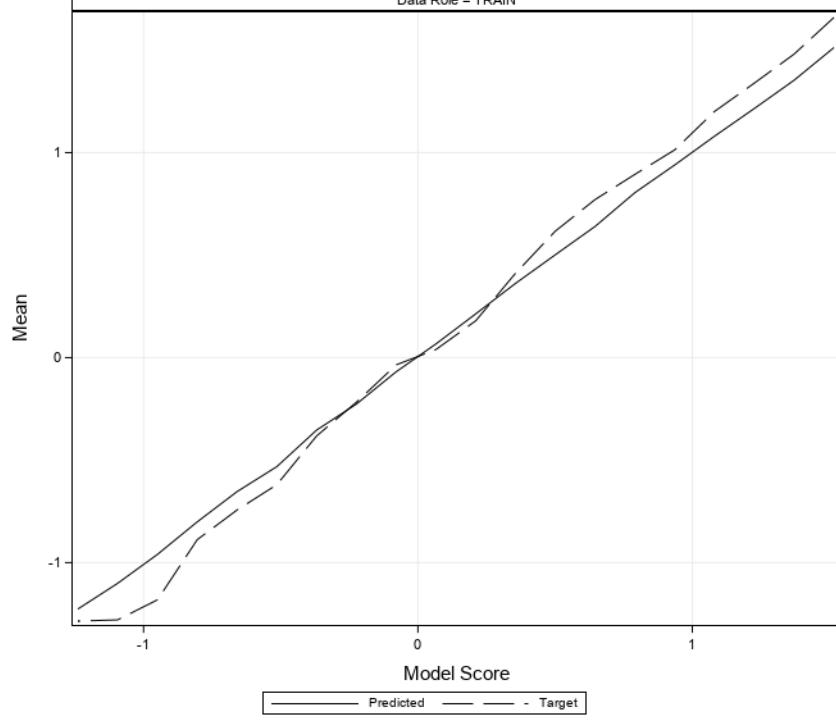
 Predicted — Target -

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

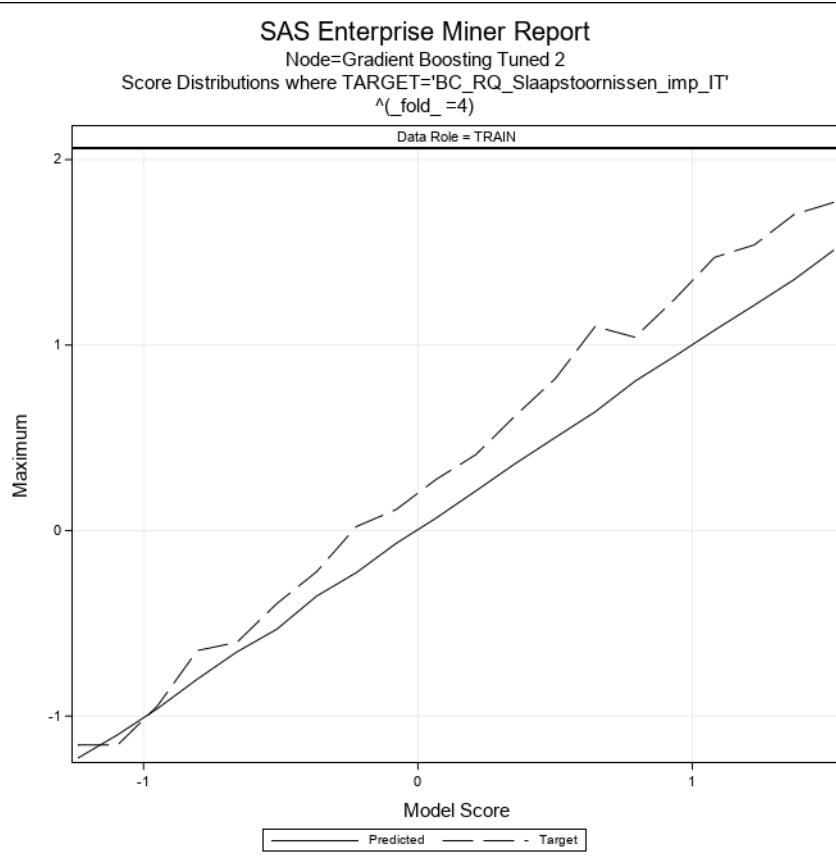
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=4)

Data Role = TRAIN



**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

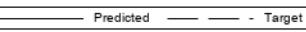
Mean

1  
0  
-1

-1

0  
1

Model Score

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

-1

0  
1

Model Score

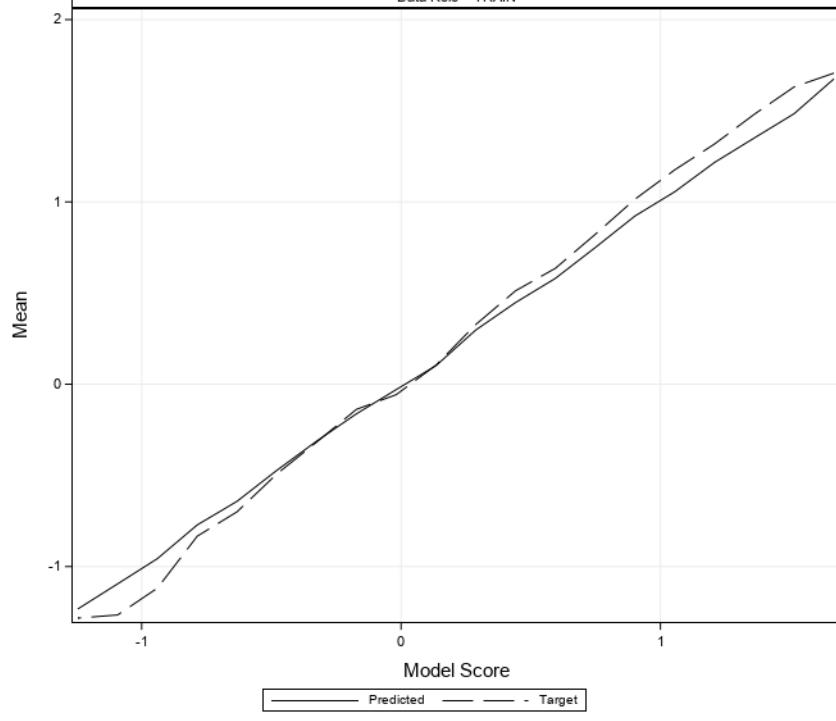


**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

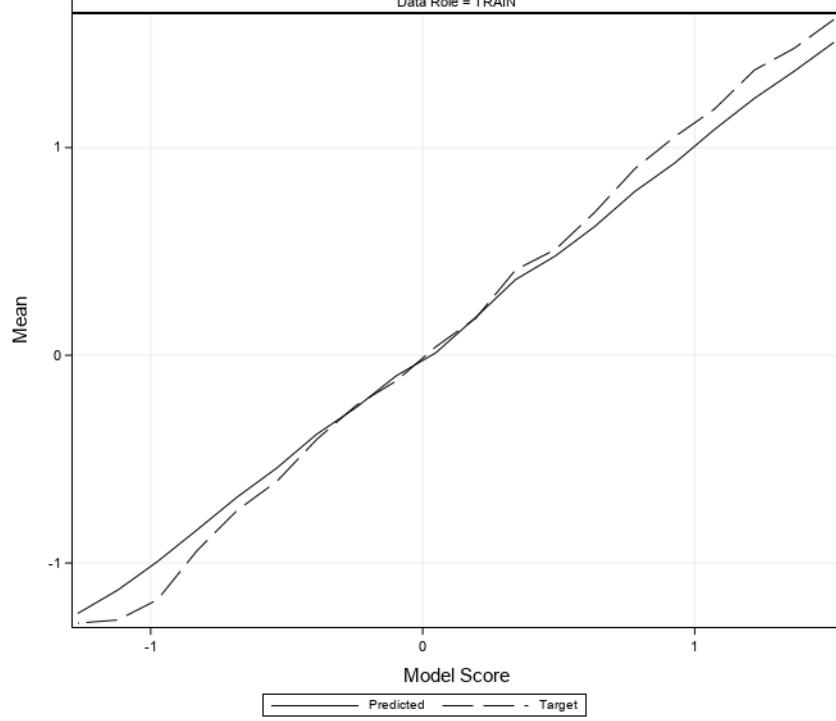


**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN



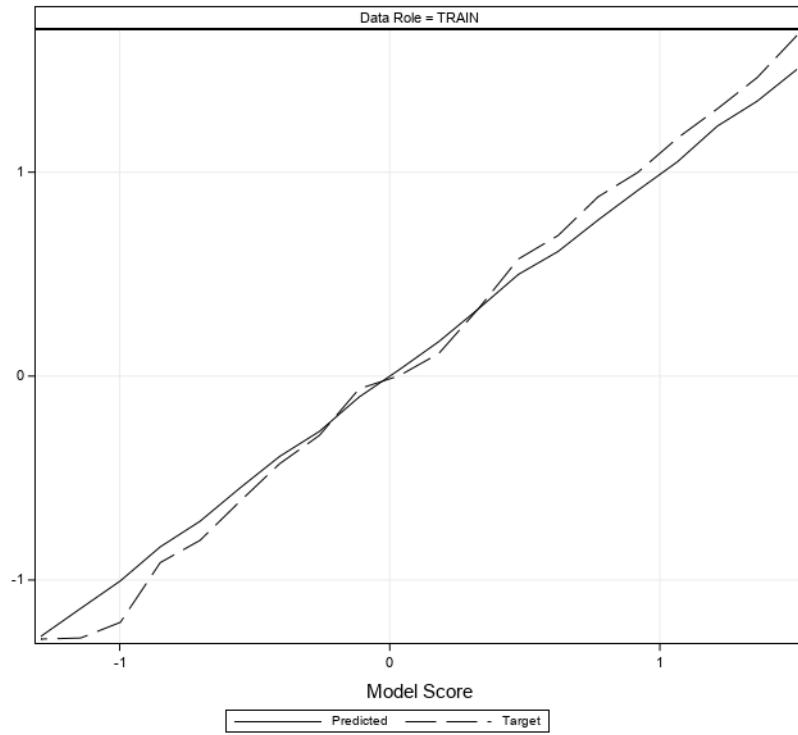
**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

Mean

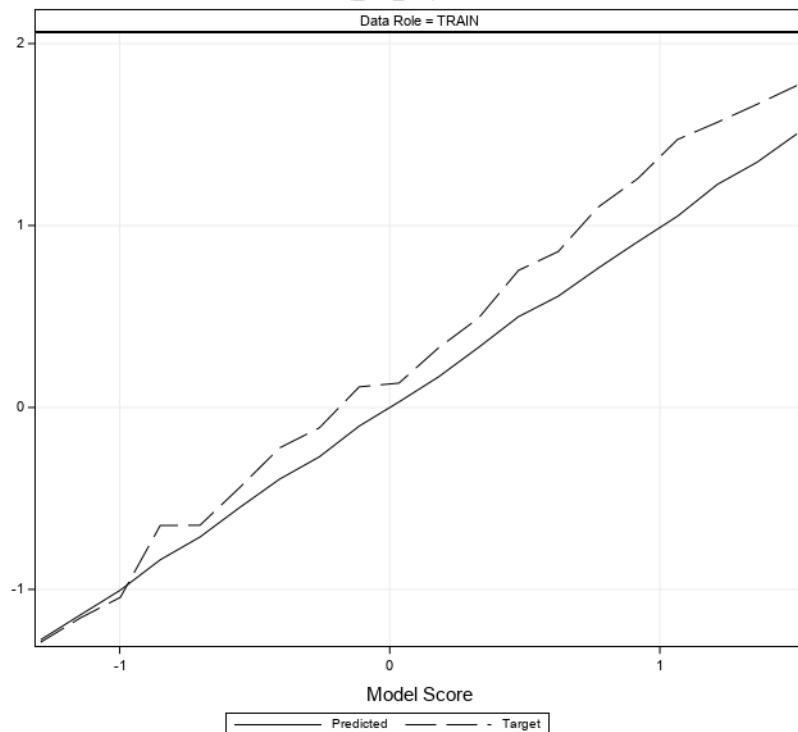
**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

Maximum



### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN

Mean

1  
0  
-1

-1

0 1

Model Score

— Predicted — - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 2

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN

Maximum

2  
1  
0  
-1

-1

0 1

Model Score

— Predicted — - Target

**Node=Gradient Boosting Tuned 2**  
**Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.420 - 1.569	1.50700	1.56890	1.42258	1.64621	1.76974	1.55847
1.271 - 1.420	1.34633	1.41711	1.28303	1.48129	1.72302	1.30574
1.122 - 1.271	1.20859	1.25599	1.13067	1.30311	1.51224	1.14337
0.973 - 1.122	1.04415	1.12185	0.97370	1.16005	1.37243	0.97127
0.825 - 0.973	0.89225	0.97308	0.82893	0.96080	1.25802	0.69707
0.676 - 0.825	0.74951	0.81938	0.69720	0.88360	1.13678	0.63431
0.527 - 0.676	0.59613	0.67402	0.52779	0.65620	0.84963	0.46525
0.378 - 0.527	0.45269	0.52164	0.38572	0.52347	0.62051	0.39550
0.229 - 0.378	0.28794	0.36975	0.26080	0.28161	0.40910	0.17516
0.080 - 0.229	0.14217	0.22118	0.08074	0.14095	0.38961	-0.05541
-0.069 - 0.080	0.01620	0.07852	-0.06828	0.01367	0.13394	-0.17275
-0.217 - -0.069	-0.15348	-0.09211	-0.19054	-0.14526	-0.00312	-0.34438
-0.366 - -0.217	-0.28041	-0.21826	-0.34946	-0.28064	-0.11173	-0.45518
-0.515 - -0.366	-0.44466	-0.38638	-0.50944	-0.50125	-0.23932	-1.00362
-0.664 - -0.515	-0.59489	-0.53237	-0.64305	-0.66819	-0.59026	-0.85936
-0.813 - -0.664	-0.74349	-0.67284	-0.80385	-0.79333	-0.65100	-0.94555
-0.962 - -0.813	-0.87974	-0.82946	-0.93572	-0.93135	-0.79358	-1.15607
-1.111 - -0.962	-1.04551	-0.96736	-1.10325	-1.22492	-0.99278	-1.28949
-1.259 - -1.111	-1.17742	-1.11301	-1.25237	-1.28671	-1.15607	-1.28949
-1.408 - -1.259	-1.31971	-1.26070	-1.40823	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Tuned 2

### Score Distributions

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.526 - 1.677	1.57694	1.67677	1.53583	1.68774	1.76974	1.55847
1.376 - 1.526	1.44165	1.52465	1.38944	1.57356	1.68187	1.44021
1.226 - 1.376	1.29170	1.35944	1.23321	1.40025	1.58841	1.27739
1.075 - 1.226	1.14771	1.22311	1.07899	1.27945	1.51224	1.00501
0.925 - 1.075	1.00476	1.06375	0.94774	1.09284	1.28019	0.92436
0.775 - 0.925	0.85889	0.91928	0.77700	0.98744	1.30384	0.83372
0.624 - 0.775	0.73200	0.77371	0.65890	0.84652	1.10033	0.69221
0.474 - 0.624	0.55393	0.62224	0.48162	0.61623	0.84963	0.45800
0.324 - 0.474	0.41219	0.46539	0.32849	0.52990	0.62767	0.38251
0.173 - 0.324	0.25201	0.32215	0.18478	0.31902	0.69707	0.17516
0.023 - 0.173	0.09129	0.16022	0.03049	0.06777	0.40910	-0.08303
-0.127 - 0.023	-0.05590	0.02111	-0.12463	-0.01539	0.27536	-0.23932
-0.278 - -0.127	-0.19388	-0.13100	-0.27112	-0.20218	-0.02880	-0.43832
-0.428 - -0.278	-0.36545	-0.28636	-0.42591	-0.39533	-0.12652	-0.65828
-0.578 - -0.428	-0.49829	-0.42820	-0.57820	-0.56215	-0.43832	-0.71373
-0.729 - -0.578	-0.65684	-0.58088	-0.72849	-0.75550	-0.43944	-1.00362
-0.879 - -0.729	-0.80541	-0.74546	-0.87727	-0.92325	-0.67998	-1.28949
-1.030 - -0.879	-0.99525	-0.94039	-1.02802	-1.20860	-1.04326	-1.28949
-1.180 - -1.030	-1.11242	-1.03355	-1.17842	-1.26310	-1.04326	-1.28949
-1.330 - -1.180	-1.23191	-1.18130	-1.33024	-1.28228	-1.15607	-1.28949

## Node=Gradient Boosting Tuned 2

### Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.490 - 1.639	1.55298	1.63947	1.49103	1.66822	1.76974	1.54020
1.341 - 1.490	1.39669	1.46418	1.35078	1.53994	1.70423	1.31225
1.193 - 1.341	1.27008	1.33628	1.19964	1.38750	1.56738	1.05422
1.044 - 1.193	1.12678	1.18543	1.05540	1.21086	1.41520	1.01455
0.895 - 1.044	0.96900	1.03078	0.92381	1.10987	1.30384	0.92436
0.746 - 0.895	0.83580	0.88977	0.75403	0.96951	1.24789	0.83372
0.597 - 0.746	0.68121	0.73990	0.59837	0.79880	0.97910	0.53405
0.448 - 0.597	0.53441	0.59486	0.45939	0.61709	0.82346	0.25804
0.299 - 0.448	0.37894	0.43754	0.30326	0.42549	0.58749	0.19467
0.150 - 0.299	0.20616	0.26728	0.15007	0.25642	0.40910	0.10661
0.001 - 0.150	0.06506	0.14629	0.00850	0.06512	0.27536	-0.17275
-0.148 - 0.001	-0.06271	0.00014	-0.13359	-0.04795	0.06892	-0.15491
-0.297 - -0.148	-0.23053	-0.15363	-0.29273	-0.24030	-0.02880	-0.43832
-0.446 - -0.297	-0.38998	-0.29837	-0.44316	-0.45476	-0.20528	-0.62105
-0.595 - -0.446	-0.50346	-0.44965	-0.57648	-0.55873	-0.25881	-0.81979
-0.744 - -0.595	-0.66540	-0.60143	-0.73651	-0.73152	-0.61896	-0.94555
-0.893 - -0.744	-0.80014	-0.74708	-0.86867	-0.92858	-0.65100	-1.28949
-1.042 - -0.893	-1.00068	-0.89636	-1.04154	-1.21922	-0.94555	-1.28949
-1.191 - -1.042	-1.13066	-1.04487	-1.18805	-1.27741	-1.09749	-1.28949
-1.340 - -1.191	-1.24175	-1.19209	-1.34029	-1.27881	-1.15607	-1.28949

## Node=Gradient Boosting Tuned 2

### Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.444 - 1.589	1.51236	1.58868	1.46107	1.65930	1.76974	1.55847
1.299 - 1.444	1.35333	1.43741	1.30687	1.48075	1.70423	1.31700
1.154 - 1.299	1.21529	1.29592	1.16073	1.33913	1.54020	1.17092
1.009 - 1.154	1.08022	1.13863	1.01179	1.20098	1.47303	0.93843
0.864 - 1.009	0.93994	0.99842	0.87105	1.01364	1.24789	0.88680
0.718 - 0.864	0.80502	0.86174	0.73282	0.89406	1.04222	0.69707
0.573 - 0.718	0.64026	0.70715	0.58221	0.77130	1.10033	0.53499
0.428 - 0.573	0.50188	0.56898	0.43731	0.61728	0.81948	0.39550
0.283 - 0.428	0.36231	0.42256	0.28463	0.41179	0.62051	0.19467
0.138 - 0.283	0.21360	0.27768	0.14358	0.17981	0.40910	0.02169
-0.007 - 0.138	0.06691	0.12695	-0.00516	0.03946	0.27536	-0.29355
-0.152 - -0.007	-0.06891	-0.01412	-0.14916	-0.03535	0.11328	-0.20528
-0.297 - -0.152	-0.22660	-0.15253	-0.27546	-0.21740	0.02169	-0.43832
-0.442 - -0.297	-0.35357	-0.30814	-0.43937	-0.38239	-0.22210	-0.61896
-0.587 - -0.442	-0.53191	-0.46327	-0.58341	-0.61992	-0.39395	-0.85936
-0.732 - -0.587	-0.65385	-0.59364	-0.72345	-0.74355	-0.60236	-0.99278
-0.877 - -0.732	-0.80137	-0.73260	-0.86596	-0.88819	-0.64719	-1.15607
-1.022 - -0.877	-0.96002	-0.87940	-1.01648	-1.18168	-0.94555	-1.28949
-1.167 - -1.022	-1.10111	-1.02956	-1.16523	-1.27927	-1.15607	-1.28949
-1.312 - -1.167	-1.22667	-1.16743	-1.31201	-1.28528	-1.15607	-1.28949

## Node=Gradient Boosting Tuned 2

### Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.461 - 1.609	1.52279	1.60916	1.46757	1.67643	1.76974	1.55847
1.313 - 1.461	1.37621	1.44413	1.31489	1.51201	1.72302	1.29103
1.165 - 1.313	1.24091	1.29930	1.18153	1.37236	1.55847	1.18149
1.017 - 1.165	1.08870	1.15778	1.01955	1.20570	1.47303	1.01762
0.869 - 1.017	0.96602	1.01191	0.87712	1.04392	1.26982	0.88044
0.721 - 0.869	0.79979	0.86591	0.73309	0.92411	1.13678	0.69707
0.573 - 0.721	0.65757	0.71491	0.57723	0.74601	1.00501	0.53499
0.425 - 0.573	0.49525	0.55700	0.43630	0.57597	0.71147	0.46525
0.277 - 0.425	0.33814	0.40999	0.28012	0.37119	0.56356	0.17516
0.129 - 0.277	0.19534	0.23441	0.16895	0.15556	0.40910	-0.06281
-0.020 - 0.129	0.05096	0.12744	-0.00038	0.04065	0.27536	-0.17275
-0.168 - -0.020	-0.09755	-0.02211	-0.15904	-0.07282	0.06892	-0.25881
-0.316 - -0.168	-0.23980	-0.17508	-0.31126	-0.23258	-0.11173	-0.39395
-0.464 - -0.316	-0.40509	-0.31600	-0.45651	-0.42499	-0.14766	-0.64884
-0.612 - -0.464	-0.54758	-0.47271	-0.60744	-0.56823	-0.20528	-0.71373
-0.760 - -0.612	-0.67359	-0.62289	-0.75809	-0.77293	-0.59944	-1.00362
-0.908 - -0.760	-0.83268	-0.76207	-0.88327	-0.91718	-0.64884	-1.28949
-1.056 - -0.908	-0.99800	-0.91471	-1.05430	-1.19741	-0.94555	-1.28949
-1.204 - -1.056	-1.14428	-1.05880	-1.19848	-1.27842	-1.12813	-1.28949
-1.352 - -1.204	-1.25883	-1.21659	-1.35208	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Tuned 2

### Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.592 - 1.746	1.67483	1.74555	1.60410	1.70645	1.75390	1.65900
1.439 - 1.592	1.48400	1.52560	1.44445	1.63088	1.76974	1.48303
1.285 - 1.439	1.35090	1.43298	1.28718	1.48099	1.70423	1.29103
1.132 - 1.285	1.21659	1.28244	1.14168	1.31769	1.47303	1.14337
0.978 - 1.132	1.05560	1.11116	0.98498	1.17582	1.41520	0.96579
0.825 - 0.978	0.92267	0.97546	0.82919	1.01473	1.16447	0.84891
0.672 - 0.825	0.74933	0.81667	0.68387	0.82165	1.01762	0.69221
0.518 - 0.672	0.58066	0.67001	0.51919	0.63588	0.81745	0.46525
0.365 - 0.518	0.44809	0.51575	0.36761	0.51268	0.65210	0.31840
0.211 - 0.365	0.29738	0.35611	0.22567	0.32747	0.58749	0.17516
0.058 - 0.211	0.10188	0.17814	0.06180	0.10465	0.32884	-0.02880
-0.095 - 0.058	-0.02948	0.04056	-0.09347	-0.05735	0.13449	-0.23932
-0.249 - -0.095	-0.16243	-0.11543	-0.23061	-0.13780	0.11328	-0.43832
-0.402 - -0.249	-0.31228	-0.25381	-0.38402	-0.31760	-0.15491	-0.56265
-0.556 - -0.402	-0.47231	-0.40345	-0.55500	-0.49237	-0.14766	-0.64719
-0.709 - -0.556	-0.64229	-0.55635	-0.69874	-0.69979	-0.59944	-0.94555
-0.863 - -0.709	-0.77175	-0.70977	-0.85641	-0.83360	-0.65100	-1.00362
-1.016 - -0.863	-0.95640	-0.87727	-1.01041	-1.11817	-0.85936	-1.28949
-1.169 - -1.016	-1.09493	-1.01603	-1.16577	-1.26553	-1.04326	-1.28949
-1.323 - -1.169	-1.23264	-1.17140	-1.32276	-1.28265	-1.15607	-1.28949

## Node=Gradient Boosting Tuned 2

### Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.439 - 1.585	1.50689	1.58491	1.44167	1.61689	1.76974	1.48303
1.292 - 1.439	1.36755	1.42655	1.29818	1.47808	1.72302	1.29103
1.146 - 1.292	1.23685	1.28870	1.15922	1.37287	1.56738	1.17092
1.000 - 1.146	1.08763	1.14574	1.00629	1.18585	1.34127	0.92080
0.853 - 1.000	0.92576	0.99393	0.86520	1.05253	1.18714	0.92436
0.707 - 0.853	0.78917	0.84998	0.70912	0.89861	1.13678	0.70134
0.561 - 0.707	0.62174	0.70447	0.56190	0.69069	0.96579	0.46525
0.415 - 0.561	0.47821	0.54786	0.41769	0.50939	0.69707	0.25804
0.268 - 0.415	0.36443	0.41324	0.28935	0.41118	0.58749	0.19467
0.122 - 0.268	0.18275	0.23503	0.12593	0.17860	0.30195	0.04568
-0.024 - 0.122	0.01269	0.06825	-0.02195	0.04170	0.32884	-0.17275
-0.171 - -0.024	-0.09910	-0.03971	-0.15612	-0.12380	0.02313	-0.25881
-0.317 - -0.171	-0.25050	-0.17758	-0.31128	-0.24040	-0.05541	-0.53102
-0.463 - -0.317	-0.38042	-0.35190	-0.43056	-0.40570	-0.25587	-0.56265
-0.609 - -0.463	-0.54281	-0.49136	-0.60445	-0.60720	-0.39395	-0.81979
-0.756 - -0.609	-0.68323	-0.61766	-0.75431	-0.74722	-0.61896	-0.94555
-0.902 - -0.756	-0.83995	-0.75717	-0.89494	-0.93973	-0.65100	-1.28949
-1.048 - -0.902	-0.99345	-0.91939	-1.04768	-1.17726	-0.99278	-1.28949
-1.195 - -1.048	-1.13100	-1.04966	-1.19237	-1.27467	-1.12813	-1.28949
-1.341 - -1.195	-1.24299	-1.19547	-1.34097	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Tuned 2

### Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.434 - 1.581	1.50418	1.58127	1.43925	1.67036	1.76974	1.55847
1.287 - 1.434	1.34816	1.43305	1.30083	1.46377	1.66657	1.27739
1.139 - 1.287	1.22594	1.28064	1.15484	1.31065	1.56738	1.14337
0.992 - 1.139	1.05152	1.12500	0.99192	1.16754	1.47303	1.01455
0.845 - 0.992	0.91070	0.98976	0.84823	0.99889	1.25802	0.84963
0.697 - 0.845	0.76505	0.83020	0.69790	0.87880	1.10033	0.65210
0.550 - 0.697	0.61145	0.68238	0.55497	0.68973	0.85677	0.53499
0.403 - 0.550	0.49864	0.54863	0.41647	0.57416	0.75303	0.46525
0.255 - 0.403	0.33031	0.40241	0.25595	0.33143	0.49138	0.04568
0.108 - 0.255	0.16920	0.25479	0.11515	0.11083	0.32884	-0.20528
-0.040 - 0.108	0.03048	0.08669	-0.03258	0.00147	0.13394	-0.17275
-0.187 - -0.040	-0.10233	-0.04206	-0.16721	-0.06221	0.11328	-0.29355
-0.334 - -0.187	-0.27106	-0.18856	-0.33371	-0.29078	-0.11173	-0.59026
-0.482 - -0.334	-0.39388	-0.34524	-0.48130	-0.42974	-0.22210	-0.65828
-0.629 - -0.482	-0.54919	-0.48374	-0.62796	-0.61478	-0.43944	-0.81979
-0.776 - -0.629	-0.71177	-0.64707	-0.77099	-0.80538	-0.64719	-1.00362
-0.924 - -0.776	-0.83738	-0.78111	-0.91102	-0.91460	-0.64884	-1.15607
-1.071 - -0.924	-1.00384	-0.94355	-1.06744	-1.20720	-1.04326	-1.28949
-1.218 - -1.071	-1.13937	-1.07252	-1.21790	-1.28415	-1.15607	-1.28949
-1.366 - -1.218	-1.27624	-1.22019	-1.36563	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Tuned 2

### Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.440 - 1.587	1.48752	1.58713	1.44167	1.62953	1.76974	1.48303
1.293 - 1.440	1.36924	1.43958	1.29957	1.46914	1.70423	1.01455
1.146 - 1.293	1.23321	1.29321	1.15922	1.36280	1.68187	1.17092
0.999 - 1.146	1.06469	1.13935	1.00574	1.01408	1.39890	-1.28949
0.852 - 0.999	0.92151	0.98180	0.86324	1.02416	1.30384	0.84963
0.705 - 0.852	0.78188	0.85026	0.70624	0.81918	1.04222	0.04568
0.558 - 0.705	0.62964	0.69835	0.57090	0.72696	0.96579	0.50230
0.411 - 0.558	0.47823	0.55768	0.41647	0.50021	1.41905	-0.71227
0.264 - 0.411	0.33478	0.39685	0.26728	0.19583	0.69707	-1.28949
0.118 - 0.264	0.17584	0.23503	0.12250	0.19550	1.50263	-0.60076
-0.029 - 0.118	0.05879	0.11123	0.00269	0.10393	1.65900	-1.15386
-0.176 - -0.029	-0.08086	-0.03258	-0.15253	0.06656	1.26982	-0.23932
-0.323 - -0.176	-0.23721	-0.18408	-0.31996	-0.03531	1.51224	-0.43832
-0.470 - -0.323	-0.38302	-0.32441	-0.46347	-0.15378	1.24667	-0.59026
-0.617 - -0.470	-0.56428	-0.47271	-0.61178	-0.60578	0.10661	-1.28949
-0.764 - -0.617	-0.69042	-0.61766	-0.75408	-0.82544	-0.53102	-1.28949
-0.911 - -0.764	-0.85596	-0.79785	-0.91102	-0.96455	-0.65100	-1.28949
-1.058 - -0.911	-0.99799	-0.91471	-1.05606	-1.06348	1.72302	-1.28949
-1.205 - -1.058	-1.13760	-1.06446	-1.20231	-1.26928	-1.12813	-1.28949
-1.352 - -1.205	-1.26346	-1.21006	-1.35208	-1.28949	-1.28949	-1.28949

## Node=Gradient Boosting Tuned 2 Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	341
2	^(fold_=2)	358
3	^(fold_=3)	351
4	^(fold_=4)	343
5	^(fold_=5)	342
6	^(fold_=6)	347
7	^(fold_=7)	328
8	^(fold_=8)	341

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp2  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp2 => Boost4 => EndGrp2  
 Notes =

### Node=End Groups Properties

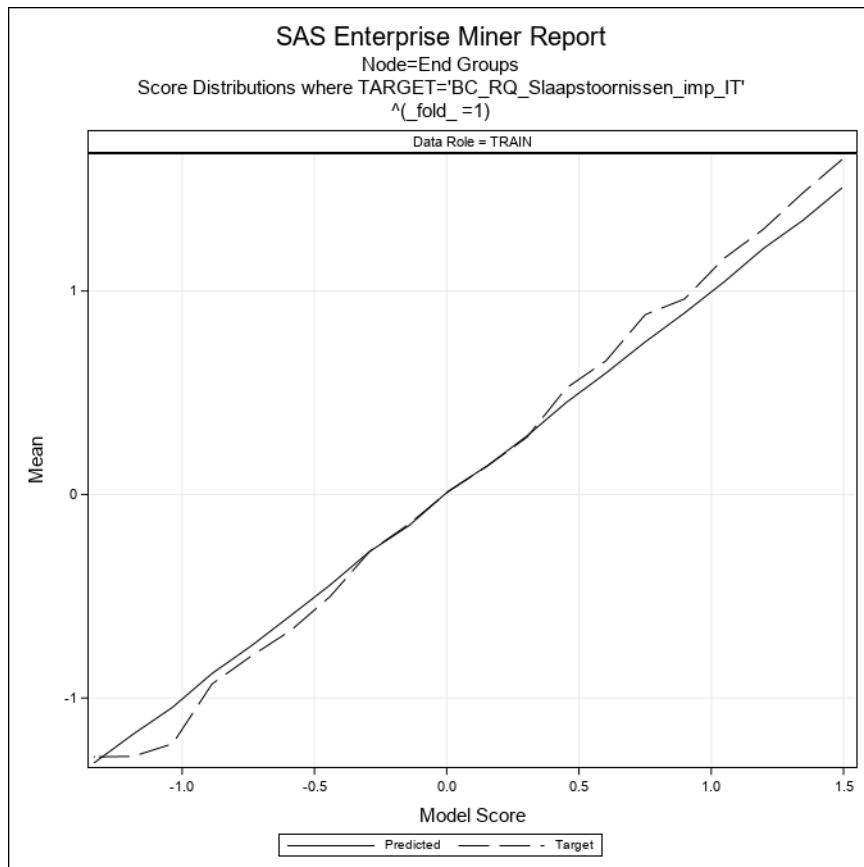
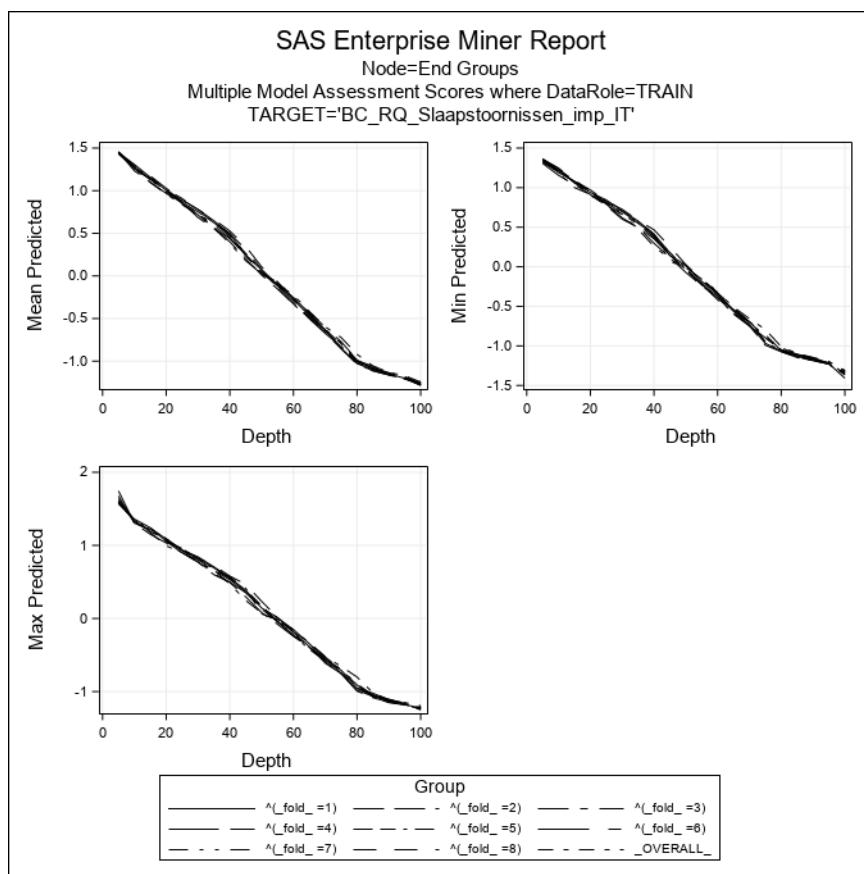
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

### Node=End Groups Variable Summary

Role	Level	Frequency		Train: Sum of Case	Weights
		Count	Name		
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: Frequencies		Weights Times Freq
				Sum of	Case	
1	^(fold_=1)	Boost4	BC_RQ_Slaapstoornissen_imp_IT	348	348	
2	^(fold_=2)	Boost4	BC_RQ_Slaapstoornissen_imp_IT	347	347	
3	^(fold_=3)	Boost4	BC_RQ_Slaapstoornissen_imp_IT	350	350	
4	^(fold_=4)	Boost4	BC_RQ_Slaapstoornissen_imp_IT	356	356	
5	^(fold_=5)	Boost4	BC_RQ_Slaapstoornissen_imp_IT	348	348	
6	^(fold_=6)	Boost4	BC_RQ_Slaapstoornissen_imp_IT	346	346	
7	^(fold_=7)	Boost4	BC_RQ_Slaapstoornissen_imp_IT	338	338	
8	^(fold_=8)	Boost4	BC_RQ_Slaapstoornissen_imp_IT	353	353	
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	393	.	

Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root Average Squared Error	Train: Root Divisor for ASE	Train: Degrees of Freedom	Train: Total	
						Target Label	
0.51276	6.2604	0.017990	0.13413	348	348	ReQuest (sleep subscale) (Box-Cox transformed)	
0.46434	7.2446	0.020878	0.14449	347	347	ReQuest (sleep subscale) (Box-Cox transformed)	
0.46839	7.6586	0.021882	0.14792	350	350	ReQuest (sleep subscale) (Box-Cox transformed)	
0.35787	7.7976	0.021903	0.14800	356	356	ReQuest (sleep subscale) (Box-Cox transformed)	
0.40622	6.5105	0.018708	0.13678	348	348	ReQuest (sleep subscale) (Box-Cox transformed)	
0.39324	5.6328	0.016280	0.12759	346	346	ReQuest (sleep subscale) (Box-Cox transformed)	
0.42546	6.1353	0.018152	0.13473	338	338	ReQuest (sleep subscale) (Box-Cox transformed)	
0.38955	6.9693	0.019743	0.14051	353	353	ReQuest (sleep subscale) (Box-Cox transformed)	
2.34629	34.4828	0.087743	0.29621	393	.	ReQuest (sleep subscale) (Box-Cox transformed)	

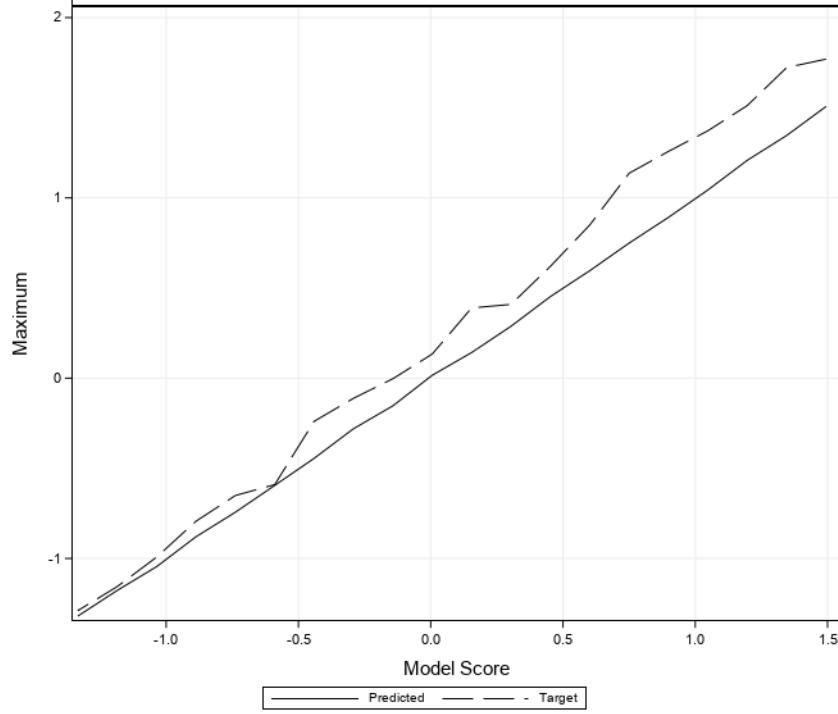


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=1)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(fold\_=2)

Data Role = TRAIN

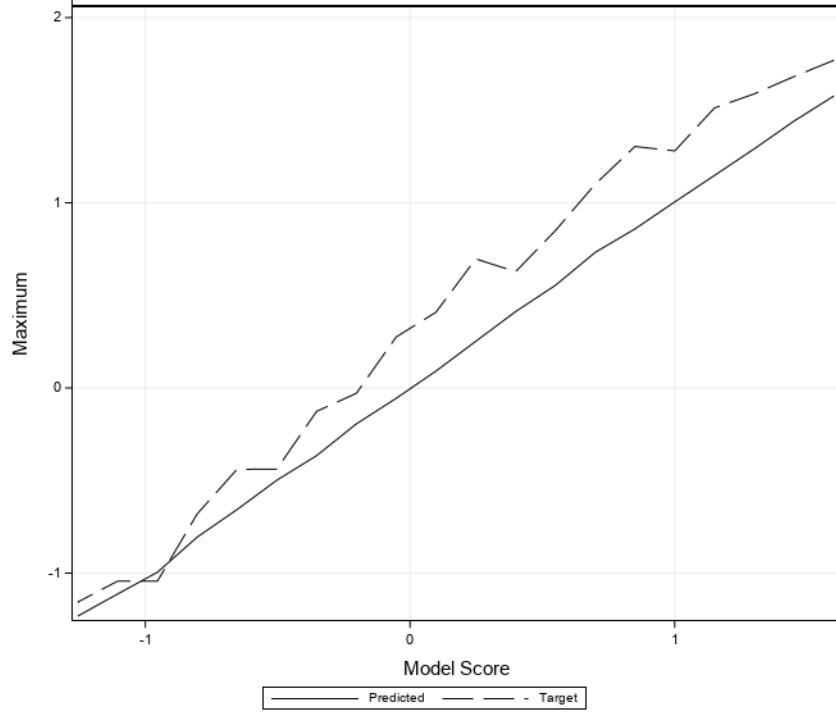


### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

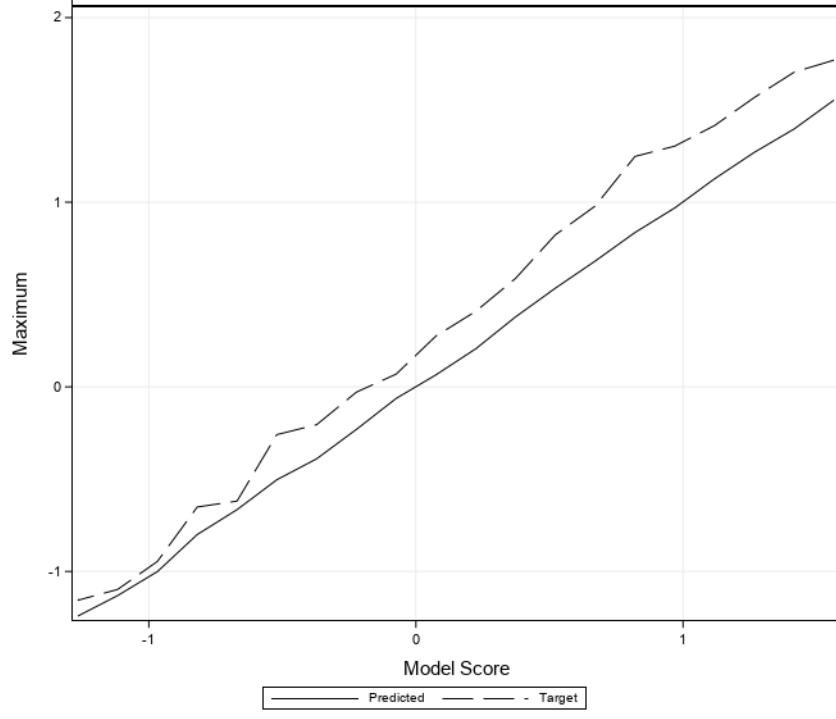


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

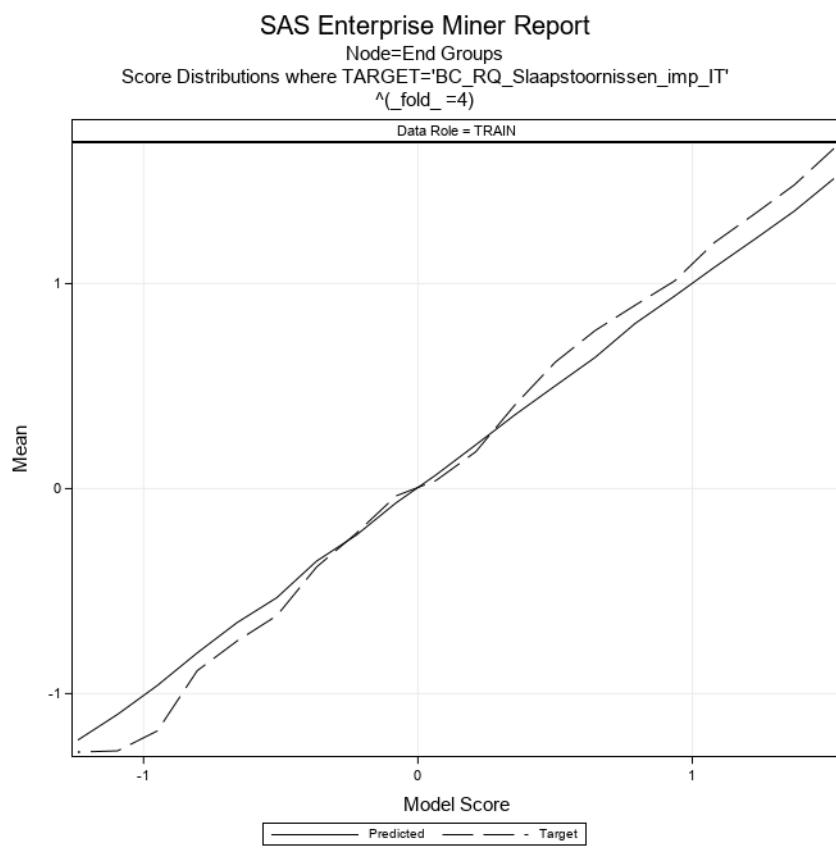
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

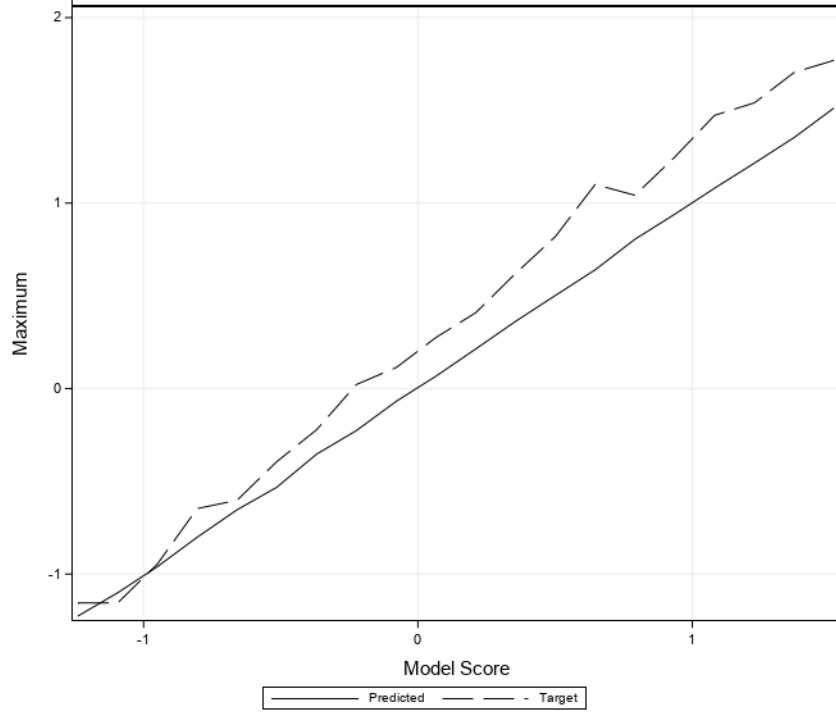


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

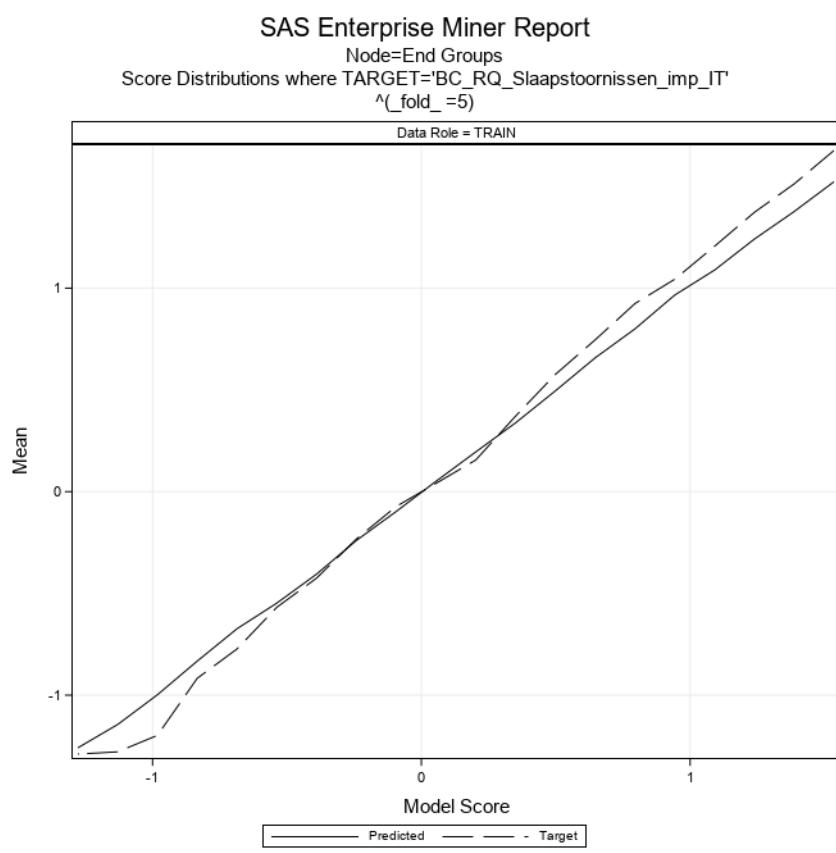
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

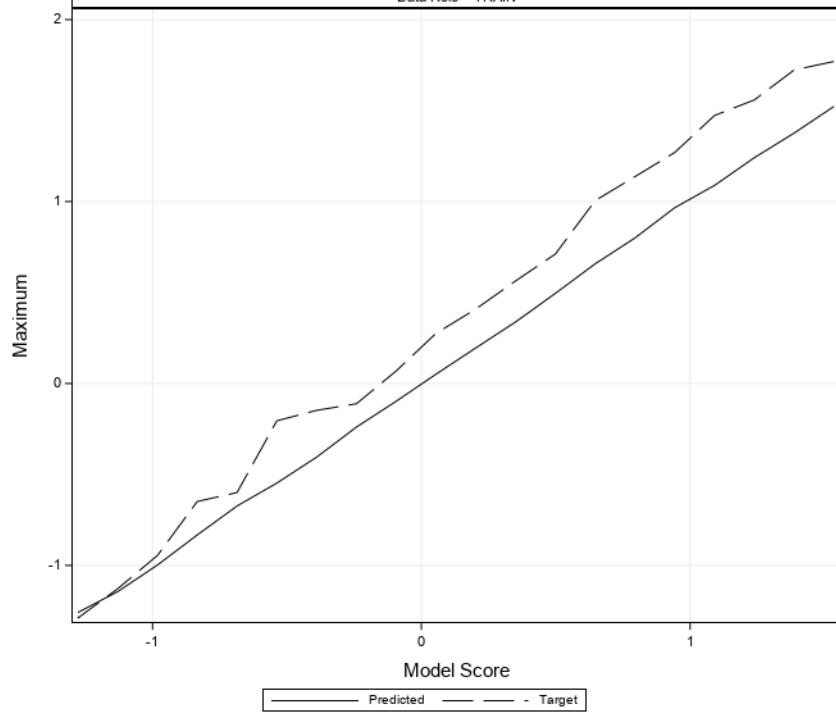


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

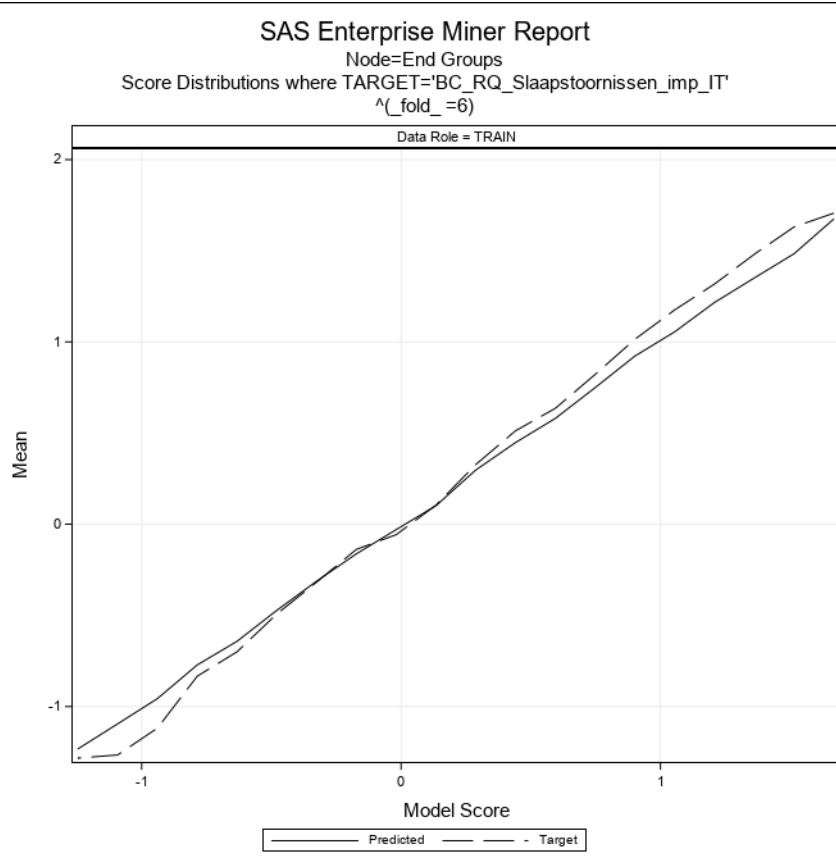
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN



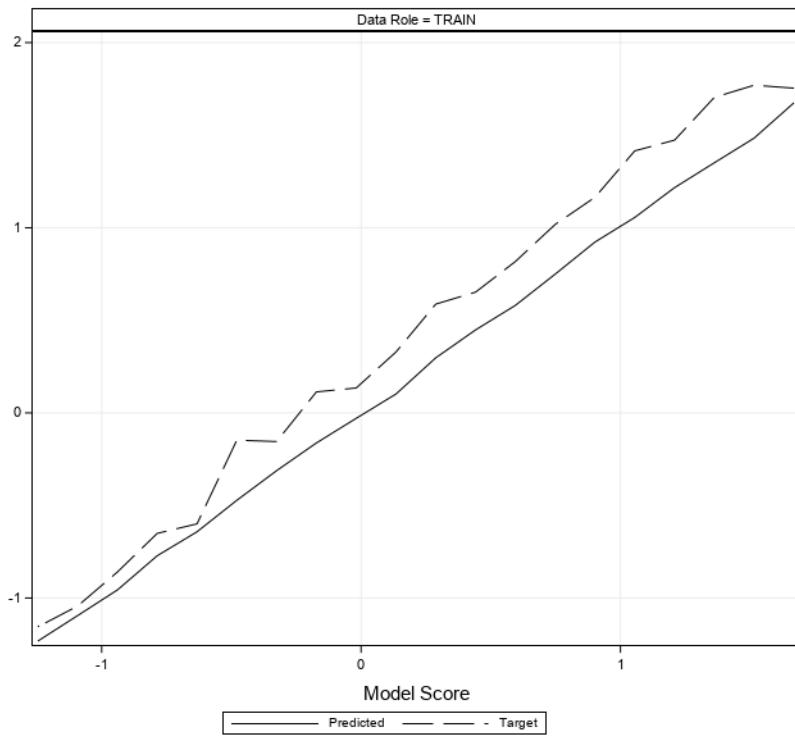
**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

Maximum



Model Score

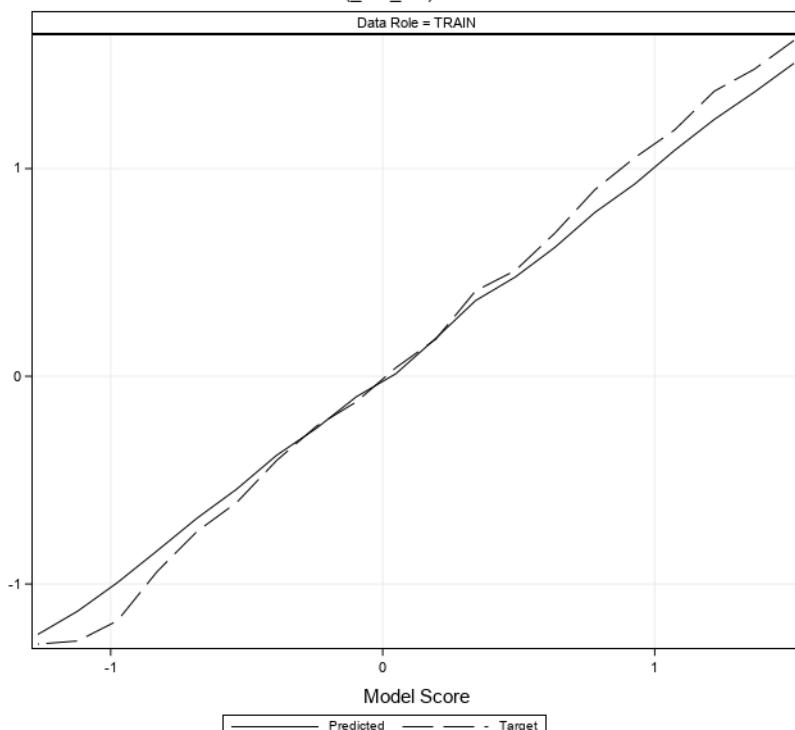
**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

Mean



Model Score

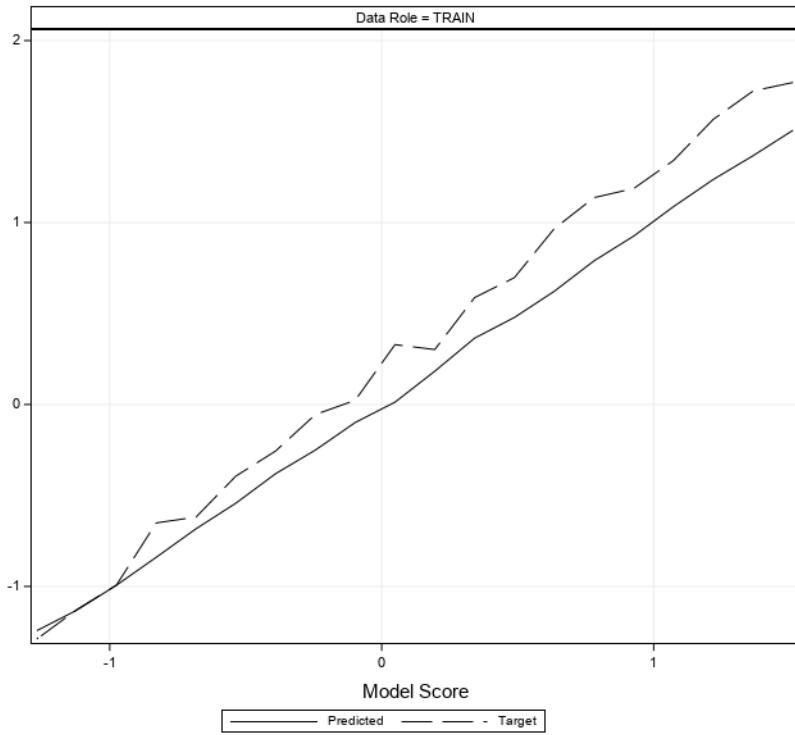
**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

Maximum



Predicted — Target

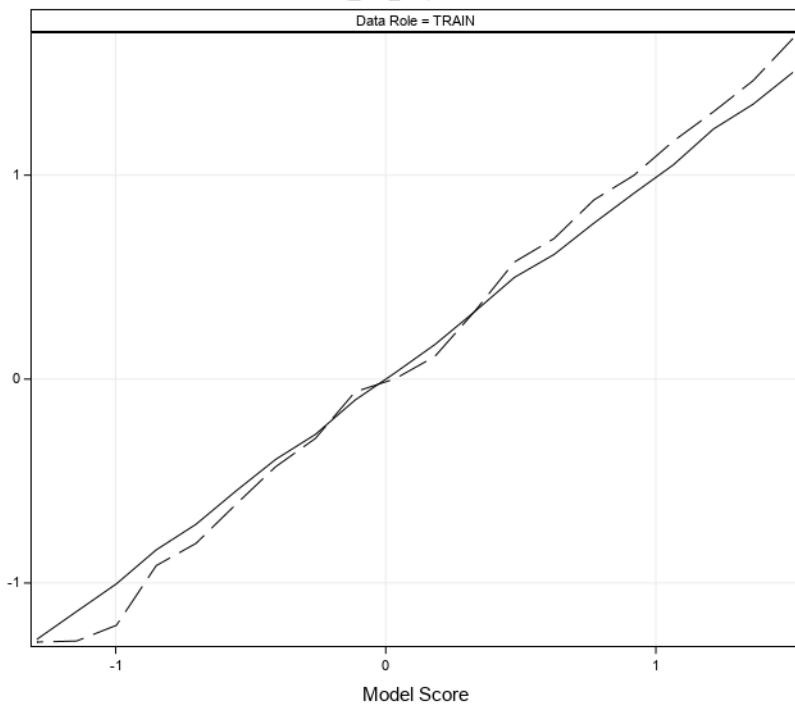
**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

Mean



Predicted — Target

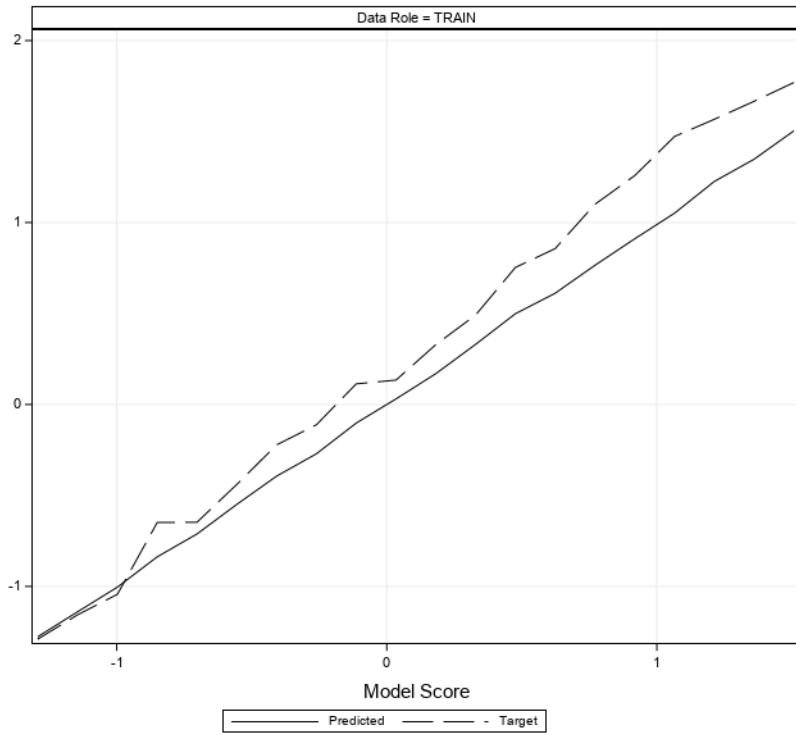
**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

Maximum

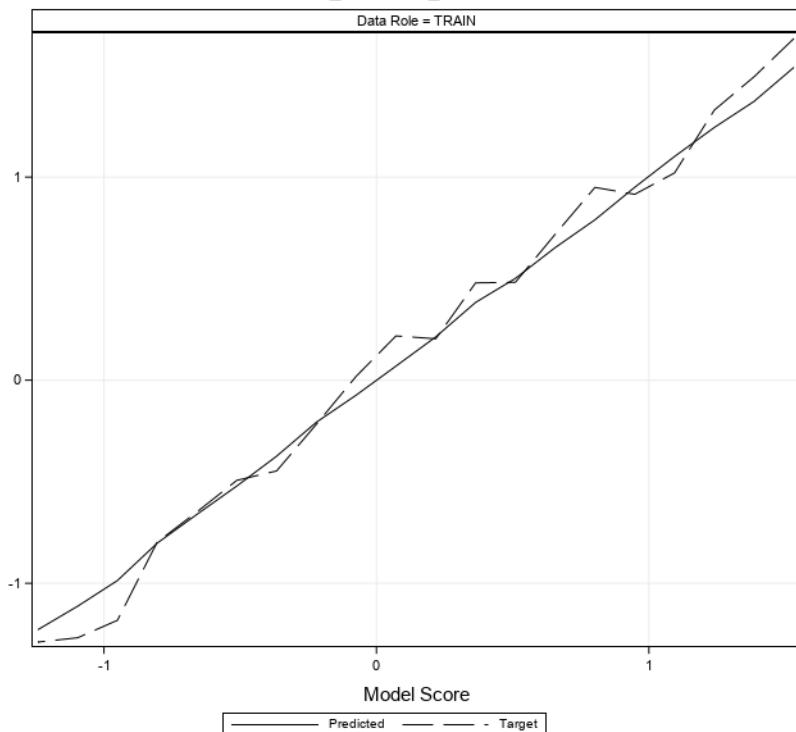
**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN

Mean





### **Node=End Groups Score Distributions**

Group=<sup>^</sup>(fold\_ =1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.420 - 1.569	1.50700	1.56890	1.42258	1.64621	1.76974	1.55847
1.271 - 1.420	1.34633	1.41711	1.28303	1.48129	1.72302	1.30574
1.122 - 1.271	1.20859	1.25599	1.13067	1.30311	1.51224	1.14337
0.973 - 1.122	1.04415	1.12185	0.97370	1.16005	1.37243	0.97127
0.825 - 0.973	0.89225	0.97308	0.82893	0.96080	1.25802	0.69707
0.676 - 0.825	0.74951	0.81938	0.69720	0.88360	1.13678	0.63431
0.527 - 0.676	0.59613	0.67402	0.52779	0.65620	0.84963	0.46525
0.378 - 0.527	0.45269	0.52164	0.38572	0.52347	0.62051	0.39550
0.229 - 0.378	0.28794	0.36975	0.26080	0.28161	0.40910	0.17516
0.080 - 0.229	0.14217	0.22118	0.08074	0.14095	0.38961	-0.05541
-0.069 - 0.080	0.01620	0.07852	-0.06828	0.01367	0.13394	-0.17275
-0.217 - -0.069	-0.15348	-0.09211	-0.19054	-0.14526	-0.00312	-0.34438
-0.366 - -0.217	-0.28041	-0.21826	-0.34946	-0.28064	-0.11173	-0.45518
-0.515 - -0.366	-0.44466	-0.38638	-0.50944	-0.50125	-0.23932	-1.00362
-0.664 - -0.515	-0.59489	-0.53237	-0.64305	-0.66819	-0.59026	-0.85936
-0.813 - -0.664	-0.74349	-0.67284	-0.80385	-0.79333	-0.65100	-0.94555
-0.962 - -0.813	-0.87974	-0.82946	-0.93572	-0.93135	-0.79358	-1.15607
-1.111 - -0.962	-1.04551	-0.96736	-1.10325	-1.22492	-0.99278	-1.28949
-1.259 - -1.111	-1.17742	-1.11301	-1.25237	-1.28671	-1.15607	-1.28949
-1.408 - -1.259	-1.31971	-1.26070	-1.40823	-1.28949	-1.28949	-1.28949

### **Node=End Groups Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.526 - 1.677	1.57694	1.67677	1.53583	1.68774	1.76974	1.55847
1.376 - 1.526	1.44165	1.52465	1.38944	1.57356	1.68187	1.44021
1.226 - 1.376	1.29170	1.35944	1.23321	1.40025	1.58841	1.27739
1.075 - 1.226	1.14771	1.22311	1.07899	1.27945	1.51224	1.00501
0.925 - 1.075	1.00476	1.06375	0.94774	1.09284	1.28019	0.92436
0.775 - 0.925	0.85889	0.91928	0.77700	0.98744	1.30384	0.83372
0.624 - 0.775	0.73200	0.77371	0.65890	0.84652	1.10033	0.69221
0.474 - 0.624	0.55393	0.62224	0.48162	0.61623	0.84963	0.45800
0.324 - 0.474	0.41219	0.46539	0.32849	0.52990	0.62767	0.38251
0.173 - 0.324	0.25201	0.32215	0.18478	0.31902	0.69707	0.17516
0.023 - 0.173	0.09129	0.16022	0.03049	0.06777	0.40910	-0.08303
-0.127 - 0.023	-0.05590	0.02111	-0.12463	-0.01539	0.27536	-0.23932
-0.278 - -0.127	-0.19388	-0.13100	-0.27112	-0.20218	-0.02880	-0.43832
-0.428 - -0.278	-0.36545	-0.28636	-0.42591	-0.39533	-0.12652	-0.65828
-0.578 - -0.428	-0.49829	-0.42820	-0.57820	-0.56215	-0.43832	-0.71373
-0.729 - -0.578	-0.65684	-0.58088	-0.72849	-0.75550	-0.43944	-1.00362
-0.879 - -0.729	-0.80541	-0.74546	-0.87727	-0.92325	-0.67998	-1.28949
-1.030 - -0.879	-0.99525	-0.94039	-1.02802	-1.20860	-1.04326	-1.28949
-1.180 - -1.030	-1.11242	-1.03355	-1.17842	-1.26310	-1.04326	-1.28949
-1.330 - -1.180	-1.23191	-1.18130	-1.33024	-1.28228	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.490 - 1.639	1.55298	1.63947	1.49103	1.66822	1.76974	1.54020
1.341 - 1.490	1.39669	1.46418	1.35078	1.53994	1.70423	1.31225
1.193 - 1.341	1.27008	1.33628	1.19964	1.38750	1.56738	1.05422
1.044 - 1.193	1.12678	1.18543	1.05540	1.21086	1.41520	1.01455
0.895 - 1.044	0.96900	1.03078	0.92381	1.10987	1.30384	0.92436
0.746 - 0.895	0.83580	0.88977	0.75403	0.96951	1.24789	0.83372
0.597 - 0.746	0.68121	0.73990	0.59837	0.79880	0.97910	0.53405
0.448 - 0.597	0.53441	0.59486	0.45939	0.61709	0.82346	0.25804
0.299 - 0.448	0.37894	0.43754	0.30326	0.42549	0.58749	0.19467
0.150 - 0.299	0.20616	0.26728	0.15007	0.25642	0.40910	0.10661
0.001 - 0.150	0.06506	0.14629	0.00850	0.06512	0.27536	-0.17275
-0.148 - 0.001	-0.06271	0.00014	-0.13359	-0.04795	0.06892	-0.15491
-0.297 - -0.148	-0.23053	-0.15363	-0.29273	-0.24030	-0.02880	-0.43832
-0.446 - -0.297	-0.38998	-0.29837	-0.44316	-0.45476	-0.20528	-0.62105
-0.595 - -0.446	-0.50346	-0.44965	-0.57648	-0.55873	-0.25881	-0.81979
-0.744 - -0.595	-0.66540	-0.60143	-0.73651	-0.73152	-0.61896	-0.94555
-0.893 - -0.744	-0.80014	-0.74708	-0.86867	-0.92858	-0.65100	-1.28949
-1.042 - -0.893	-1.00068	-0.89636	-1.04154	-1.21922	-0.94555	-1.28949
-1.191 - -1.042	-1.13066	-1.04487	-1.18805	-1.27741	-1.09749	-1.28949
-1.340 - -1.191	-1.24175	-1.19209	-1.34029	-1.27881	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.444 - 1.589	1.51236	1.58868	1.46107	1.65930	1.76974	1.55847
1.299 - 1.444	1.35333	1.43741	1.30687	1.48075	1.70423	1.31700
1.154 - 1.299	1.21529	1.29592	1.16073	1.33913	1.54020	1.17092
1.009 - 1.154	1.08022	1.13863	1.01179	1.20098	1.47303	0.93843
0.864 - 1.009	0.93994	0.99842	0.87105	1.01364	1.24789	0.88680
0.718 - 0.864	0.80502	0.86174	0.73282	0.89406	1.04222	0.69707
0.573 - 0.718	0.64026	0.70715	0.58221	0.77130	1.10033	0.53499
0.428 - 0.573	0.50188	0.56898	0.43731	0.61728	0.81948	0.39550
0.283 - 0.428	0.36231	0.42256	0.28463	0.41179	0.62051	0.19467
0.138 - 0.283	0.21360	0.27768	0.14358	0.17981	0.40910	0.02169
-0.007 - 0.138	0.06691	0.12695	-0.00516	0.03946	0.27536	-0.29355
-0.152 - -0.007	-0.06891	-0.01412	-0.14916	-0.03535	0.11328	-0.20528
-0.297 - -0.152	-0.22660	-0.15253	-0.27546	-0.21740	0.02169	-0.43832
-0.442 - -0.297	-0.35357	-0.30814	-0.43937	-0.38239	-0.22210	-0.61896
-0.587 - -0.442	-0.53191	-0.46327	-0.58341	-0.61992	-0.39395	-0.85936
-0.732 - -0.587	-0.65385	-0.59364	-0.72345	-0.74355	-0.60236	-0.99278
-0.877 - -0.732	-0.80137	-0.73260	-0.86596	-0.88819	-0.64719	-1.15607
-1.022 - -0.877	-0.96002	-0.87940	-1.01648	-1.18168	-0.94555	-1.28949
-1.167 - -1.022	-1.10111	-1.02956	-1.16523	-1.27927	-1.15607	-1.28949
-1.312 - -1.167	-1.22667	-1.16743	-1.31201	-1.28528	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.461 - 1.609	1.52279	1.60916	1.46757	1.67643	1.76974	1.55847
1.313 - 1.461	1.37621	1.44413	1.31489	1.51201	1.72302	1.29103
1.165 - 1.313	1.24091	1.29930	1.18153	1.37236	1.55847	1.18149
1.017 - 1.165	1.08870	1.15778	1.01955	1.20570	1.47303	1.01762
0.869 - 1.017	0.96602	1.01191	0.87712	1.04392	1.26982	0.88044
0.721 - 0.869	0.79979	0.86591	0.73309	0.92411	1.13678	0.69707
0.573 - 0.721	0.65757	0.71491	0.57723	0.74601	1.00501	0.53499
0.425 - 0.573	0.49525	0.55700	0.43630	0.57597	0.71147	0.46525
0.277 - 0.425	0.33814	0.40999	0.28012	0.37119	0.56356	0.17516
0.129 - 0.277	0.19534	0.23441	0.16895	0.15556	0.40910	-0.06281
-0.020 - 0.129	0.05096	0.12744	-0.00038	0.04065	0.27536	-0.17275
-0.168 - -0.020	-0.09755	-0.02211	-0.15904	-0.07282	0.06892	-0.25881
-0.316 - -0.168	-0.23980	-0.17508	-0.31126	-0.23258	-0.11173	-0.39395
-0.464 - -0.316	-0.40509	-0.31600	-0.45651	-0.42499	-0.14766	-0.64884
-0.612 - -0.464	-0.54758	-0.47271	-0.60744	-0.56823	-0.20528	-0.71373
-0.760 - -0.612	-0.67359	-0.62289	-0.75809	-0.77293	-0.59944	-1.00362
-0.908 - -0.760	-0.83268	-0.76207	-0.88327	-0.91718	-0.64884	-1.28949
-1.056 - -0.908	-0.99800	-0.91471	-1.05430	-1.19741	-0.94555	-1.28949
-1.204 - -1.056	-1.14428	-1.05880	-1.19848	-1.27842	-1.12813	-1.28949
-1.352 - -1.204	-1.25883	-1.21659	-1.35208	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.592 - 1.746	1.67483	1.74555	1.60410	1.70645	1.75390	1.65900
1.439 - 1.592	1.48400	1.52560	1.44445	1.63088	1.76974	1.48303
1.285 - 1.439	1.35090	1.43298	1.28718	1.48099	1.70423	1.29103
1.132 - 1.285	1.21659	1.28244	1.14168	1.31769	1.47303	1.14337
0.978 - 1.132	1.05560	1.11116	0.98498	1.17582	1.41520	0.96579
0.825 - 0.978	0.92267	0.97546	0.82919	1.01473	1.16447	0.84891
0.672 - 0.825	0.74933	0.81667	0.68387	0.82165	1.01762	0.69221
0.518 - 0.672	0.58066	0.67001	0.51919	0.63588	0.81745	0.46525
0.365 - 0.518	0.44809	0.51575	0.36761	0.51268	0.65210	0.31840
0.211 - 0.365	0.29738	0.35611	0.22567	0.32747	0.58749	0.17516
0.058 - 0.211	0.10188	0.17814	0.06180	0.10465	0.32884	-0.02880
-0.095 - 0.058	-0.02948	0.04056	-0.09347	-0.05735	0.13449	-0.23932
-0.249 - -0.095	-0.16243	-0.11543	-0.23061	-0.13780	0.11328	-0.43832
-0.402 - -0.249	-0.31228	-0.25381	-0.38402	-0.31760	-0.15491	-0.56265
-0.556 - -0.402	-0.47231	-0.40345	-0.55500	-0.49237	-0.14766	-0.64719
-0.709 - -0.556	-0.64229	-0.55635	-0.69874	-0.69979	-0.59944	-0.94555
-0.863 - -0.709	-0.77175	-0.70977	-0.85641	-0.83360	-0.65100	-1.00362
-1.016 - -0.863	-0.95640	-0.87727	-1.01041	-1.11817	-0.85936	-1.28949
-1.169 - -1.016	-1.09493	-1.01603	-1.16577	-1.26553	-1.04326	-1.28949
-1.323 - -1.169	-1.23264	-1.17140	-1.32276	-1.28265	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.439 - 1.585	1.50689	1.58491	1.44167	1.61689	1.76974	1.48303
1.292 - 1.439	1.36755	1.42655	1.29818	1.47808	1.72302	1.29103
1.146 - 1.292	1.23685	1.28870	1.15922	1.37287	1.56738	1.17092
1.000 - 1.146	1.08763	1.14574	1.00629	1.18585	1.34127	0.92080
0.853 - 1.000	0.92576	0.99393	0.86520	1.05253	1.18714	0.92436
0.707 - 0.853	0.78917	0.84998	0.70912	0.89861	1.13678	0.70134
0.561 - 0.707	0.62174	0.70447	0.56190	0.69069	0.96579	0.46525
0.415 - 0.561	0.47821	0.54786	0.41769	0.50939	0.69707	0.25804
0.268 - 0.415	0.36443	0.41324	0.28935	0.41118	0.58749	0.19467
0.122 - 0.268	0.18275	0.23503	0.12593	0.17860	0.30195	0.04568
-0.024 - 0.122	0.01269	0.06825	-0.02195	0.04170	0.32884	-0.17275
-0.171 - -0.024	-0.09910	-0.03971	-0.15612	-0.12380	0.02313	-0.25881
-0.317 - -0.171	-0.25050	-0.17758	-0.31128	-0.24040	-0.05541	-0.53102
-0.463 - -0.317	-0.38042	-0.35190	-0.43056	-0.40570	-0.25587	-0.56265
-0.609 - -0.463	-0.54281	-0.49136	-0.60445	-0.60720	-0.39395	-0.81979
-0.756 - -0.609	-0.68323	-0.61766	-0.75431	-0.74722	-0.61896	-0.94555
-0.902 - -0.756	-0.83995	-0.75717	-0.89494	-0.93973	-0.65100	-1.28949
-1.048 - -0.902	-0.99345	-0.91939	-1.04768	-1.17726	-0.99278	-1.28949
-1.195 - -1.048	-1.13100	-1.04966	-1.19237	-1.27467	-1.12813	-1.28949
-1.341 - -1.195	-1.24299	-1.19547	-1.34097	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=\_fold\_=8 Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.434 - 1.581	1.50418	1.58127	1.43925	1.67036	1.76974	1.55847
1.287 - 1.434	1.34816	1.43305	1.30083	1.46377	1.66657	1.27739
1.139 - 1.287	1.22594	1.28064	1.15484	1.31065	1.56738	1.14337
0.992 - 1.139	1.05152	1.12500	0.99192	1.16754	1.47303	1.01455
0.845 - 0.992	0.91070	0.98976	0.84823	0.99889	1.25802	0.84963
0.697 - 0.845	0.76505	0.83020	0.69790	0.87880	1.10033	0.65210
0.550 - 0.697	0.61145	0.68238	0.55497	0.68973	0.85677	0.53499
0.403 - 0.550	0.49864	0.54863	0.41647	0.57416	0.75303	0.46525
0.255 - 0.403	0.33031	0.40241	0.25595	0.33143	0.49138	0.04568
0.108 - 0.255	0.16920	0.25479	0.11515	0.11083	0.32884	-0.20528
-0.040 - 0.108	0.03048	0.08669	-0.03258	0.00147	0.13394	-0.17275
-0.187 - -0.040	-0.10233	-0.04206	-0.16721	-0.06221	0.11328	-0.29355
-0.334 - -0.187	-0.27106	-0.18856	-0.33371	-0.29078	-0.11173	-0.59026
-0.482 - -0.334	-0.39388	-0.34524	-0.48130	-0.42974	-0.22210	-0.65828
-0.629 - -0.482	-0.54919	-0.48374	-0.62796	-0.61478	-0.43944	-0.81979
-0.776 - -0.629	-0.71177	-0.64707	-0.77099	-0.80538	-0.64719	-1.00362
-0.924 - -0.776	-0.83738	-0.78111	-0.91102	-0.91460	-0.64884	-1.15607
-1.071 - -0.924	-1.00384	-0.94355	-1.06744	-1.20720	-1.04326	-1.28949
-1.218 - -1.071	-1.13937	-1.07252	-1.21790	-1.28415	-1.15607	-1.28949
-1.366 - -1.218	-1.27624	-1.22019	-1.36563	-1.28949	-1.28949	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.459 - 1.605	1.54032	1.60528	1.48152	1.68240	1.76974	1.57618
1.313 - 1.459	1.37296	1.43305	1.31706	1.49416	1.68187	1.38199
1.167 - 1.313	1.24430	1.30638	1.17643	1.32993	1.55847	0.69707
1.021 - 1.167	1.10144	1.16506	1.03309	1.02048	1.47303	-1.28949
0.875 - 1.021	0.94987	1.00871	0.88219	0.91510	1.30384	-1.28949
0.729 - 0.875	0.78970	0.86847	0.73282	0.94919	1.27739	0.69221
0.583 - 0.729	0.65279	0.72552	0.58360	0.71838	0.97484	0.54821
0.437 - 0.583	0.50113	0.56616	0.45293	0.48188	1.18475	-1.28949
0.291 - 0.437	0.38279	0.42927	0.29327	0.47896	1.31225	0.17516
0.145 - 0.291	0.21330	0.28423	0.15103	0.20388	1.58841	-1.28949
-0.001 - 0.145	0.06943	0.14414	-0.00074	0.21800	1.30172	-1.04326
-0.147 - -0.001	-0.07351	-0.01342	-0.13925	0.01933	1.75390	-1.28949
-0.293 - -0.147	-0.20689	-0.15382	-0.27195	-0.21699	0.69707	-1.28949
-0.439 - -0.293	-0.37428	-0.31163	-0.42820	-0.44680	-0.12652	-1.28949
-0.585 - -0.439	-0.52111	-0.44086	-0.58023	-0.49321	0.69707	-1.28949
-0.731 - -0.585	-0.66036	-0.61079	-0.72988	-0.64824	1.72302	-1.28949
-0.878 - -0.731	-0.80217	-0.73325	-0.87237	-0.79713	0.63374	-1.28949
-1.024 - -0.878	-0.98645	-0.90800	-1.01940	-1.18224	-0.94555	-1.28949
-1.170 - -1.024	-1.11286	-1.02802	-1.16927	-1.26823	-1.04326	-1.28949
-1.316 - -1.170	-1.22859	-1.17129	-1.31566	-1.28944	-1.28820	-1.28949

## Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	341
2	^(fold_=2)	358
3	^(fold_=3)	351
4	^(fold_=4)	343
5	^(fold_=5)	342
6	^(fold_=6)	347
7	^(fold_=7)	328
8	^(fold_=8)	341

## SAS Enterprise Miner Report

### Node=Gradient Boosting Tuned 4 Summary

Node id = Boost6  
 Node label = Gradient Boosting Tuned 4  
 Meta path = Ids => Trans => Grp4 => Boost6  
 Notes =

### Node=Gradient Boosting Tuned 4 Properties

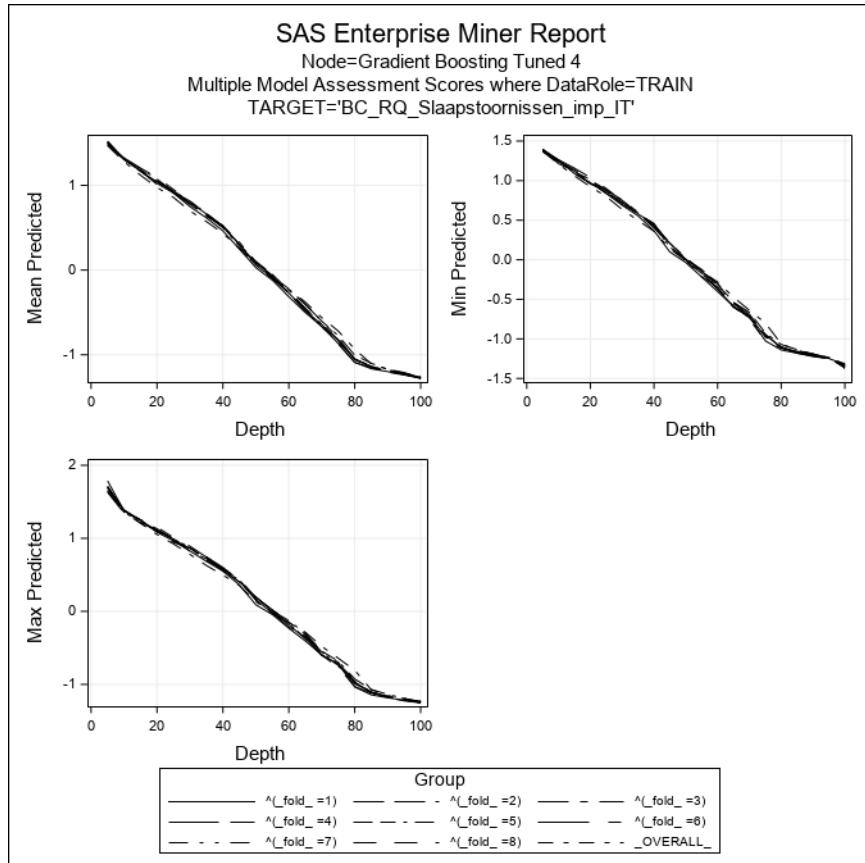
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Boost		MaxBranch	4	2	Performance	DISK	
AssessMeasure	PROFIT		MaxDepth	6	2	Precision	0	
CategoricalBins	30		Measure	PROFIT		ReUseVar	1	
CreateHStat	Y	N	MinCatSize	5		Seed	12345	
Exhaustive	5000		Missing	USEINSEARCH		Shrinkage	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_Slaapstoornissen_imp_IT	
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: Root	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total
			Sum of Case Freq	Weights Freq				
Train: Sum of Frequencies	Train: Times Freq	Train: Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root	Train: Divisor for ASE	Train: Degrees of Freedom	Train: Total
1 ^(_fold_=1)	BC_RQ_Slaapstoornissen_imp_IT	347	347	0.27698	2.9375	0.00847	0.09201	347
2 ^(_fold_=2)	BC_RQ_Slaapstoornissen_imp_IT	346	346	0.61490	4.0539	0.01172	0.10824	346
3 ^(_fold_=3)	BC_RQ_Slaapstoornissen_imp_IT	340	340	0.33205	3.4623	0.01018	0.10091	340
4 ^(_fold_=4)	BC_RQ_Slaapstoornissen_imp_IT	346	346	0.31631	2.9859	0.00863	0.09290	346
5 ^(_fold_=5)	BC_RQ_Slaapstoornissen_imp_IT	350	350	0.37544	3.5502	0.01014	0.10071	350
6 ^(_fold_=6)	BC_RQ_Slaapstoornissen_imp_IT	336	336	0.26199	2.9989	0.00893	0.09447	336
7 ^(_fold_=7)	BC_RQ_Slaapstoornissen_imp_IT	346	346	0.36942	3.4918	0.01009	0.10046	346
								ReQuest (sleep subscale) (Box-Cox transformed)

Group Index	Group	Train: Target Variable	Train:		Train:		Train:		Train:		Train:	
			Sum of Frequencies	Weights Times Freq	Maximum Absolute Error	Sum of Squared Errors	Average Squared Error	Root ASE	Divisor for ASE	Degrees of Freedom	Total	Target Label
8	^(fold_=8)	BC_RQ_Slaapstoornissen_imp_IT	350	350	0.35138	3.4765	0.00993	0.09966	350	350	350	ReQuest (sleep subscale) (Box-Cox transformed)
9	_OVERALL_	BC_RQ_Slaapstoornissen_imp_IT	393	.	2.17110	48.1868	0.12261	0.35016	393	.	.	ReQuest (sleep subscale) (Box-Cox transformed)

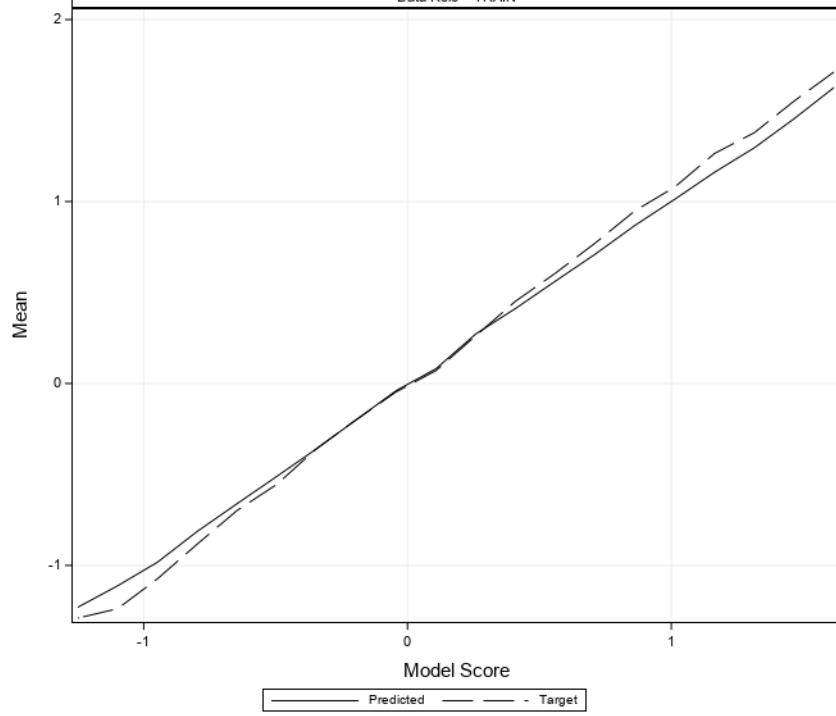


**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

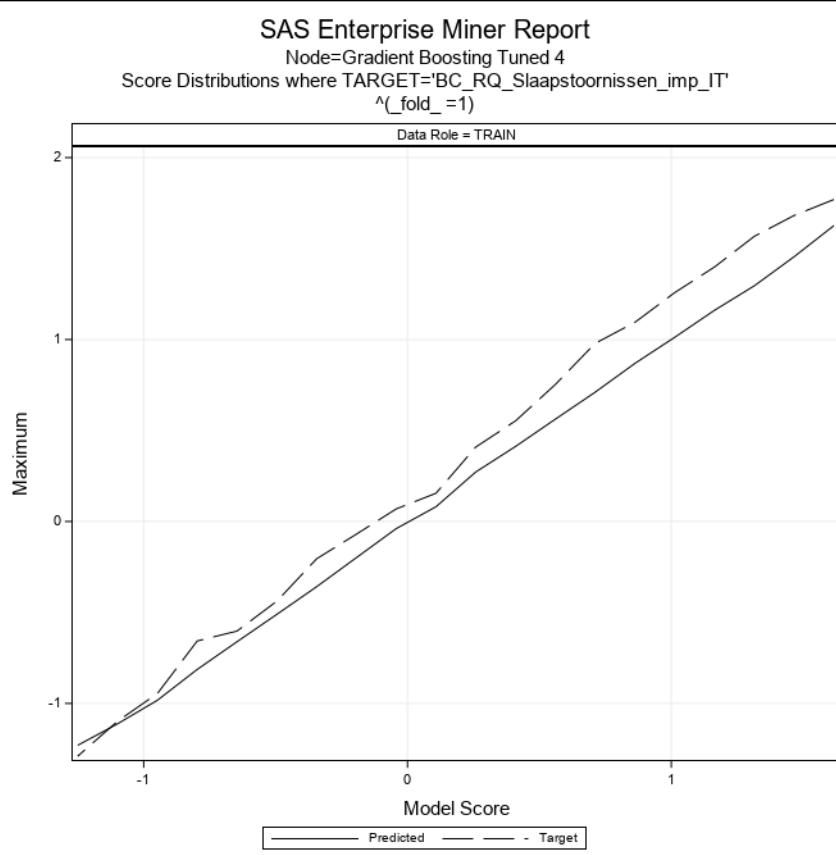
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=1)

Data Role = TRAIN

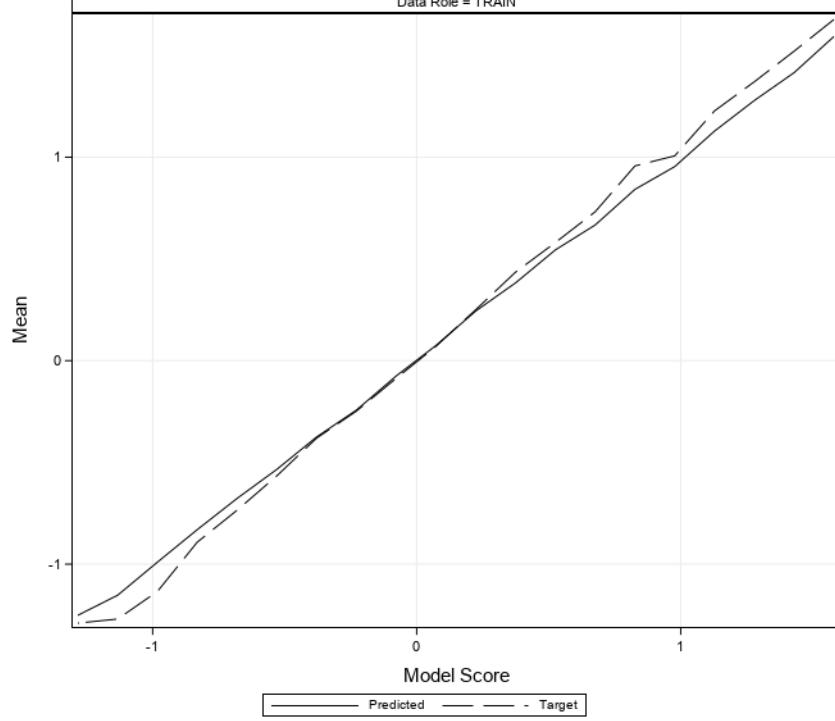


**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

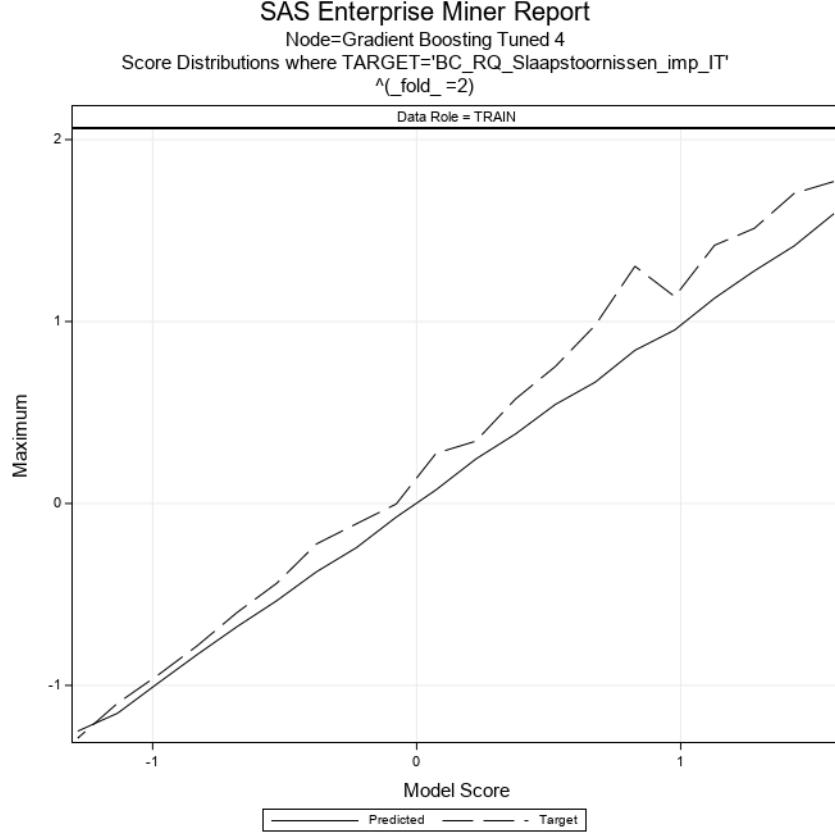
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

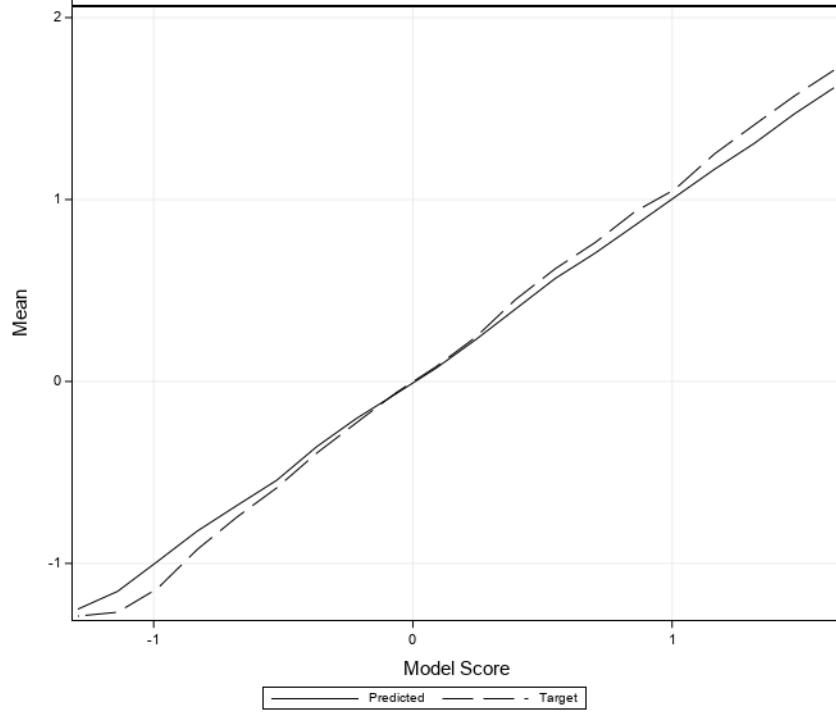


**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

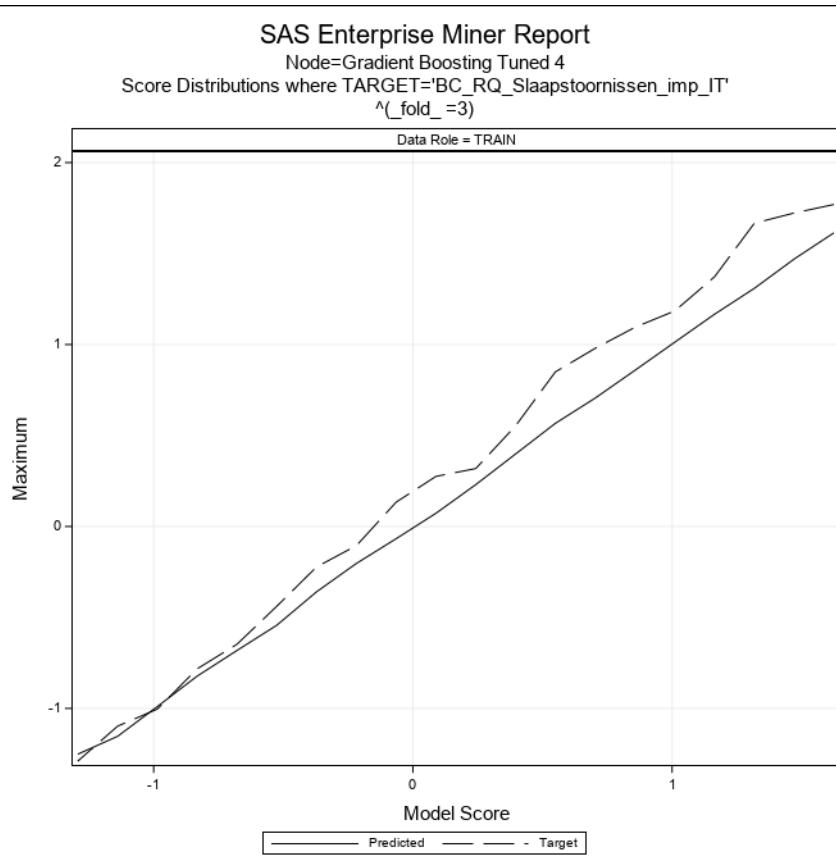
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

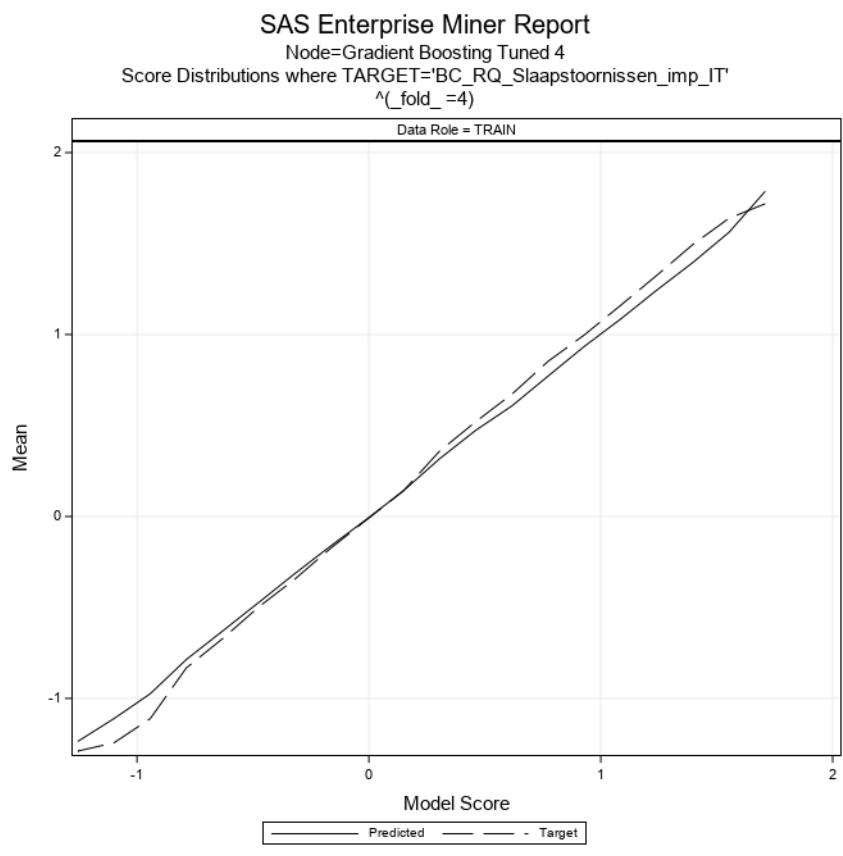


**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

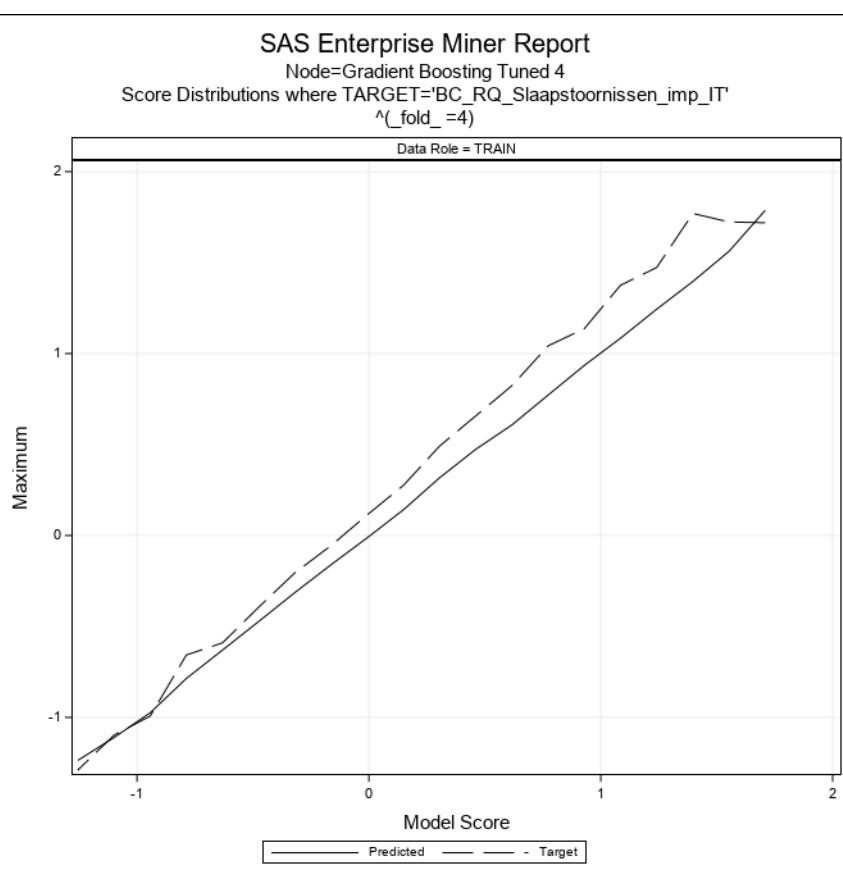
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN



**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

Mean

1  
0  
-1

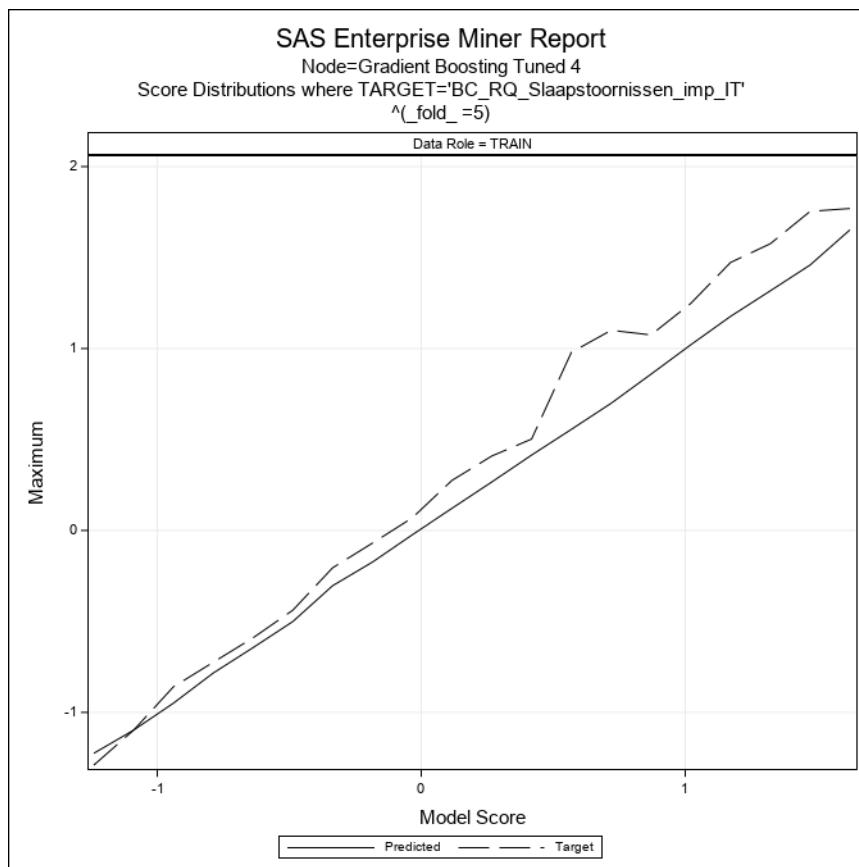
-1

0

1

Model Score

—— Predicted —— - Target

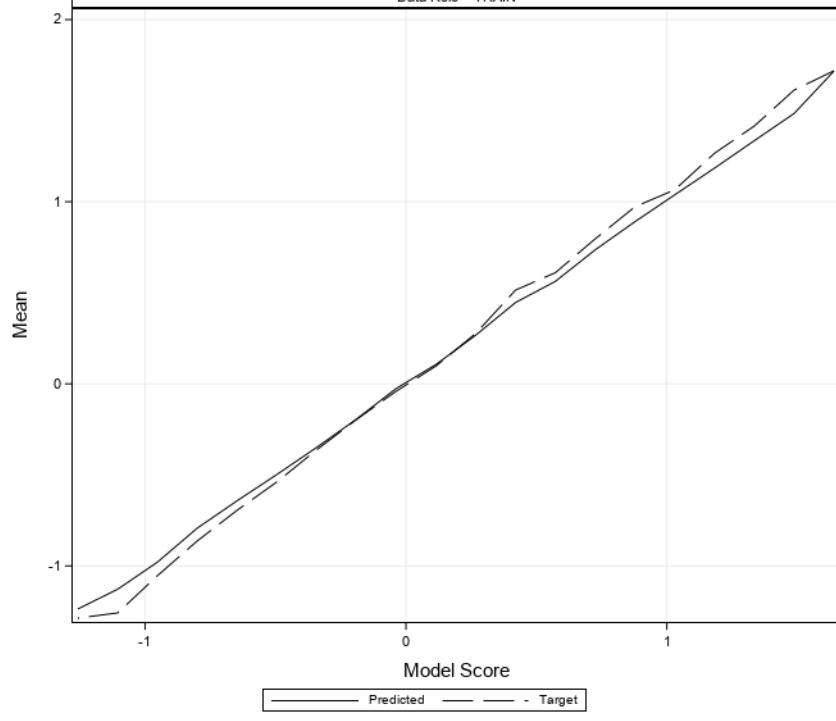


**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

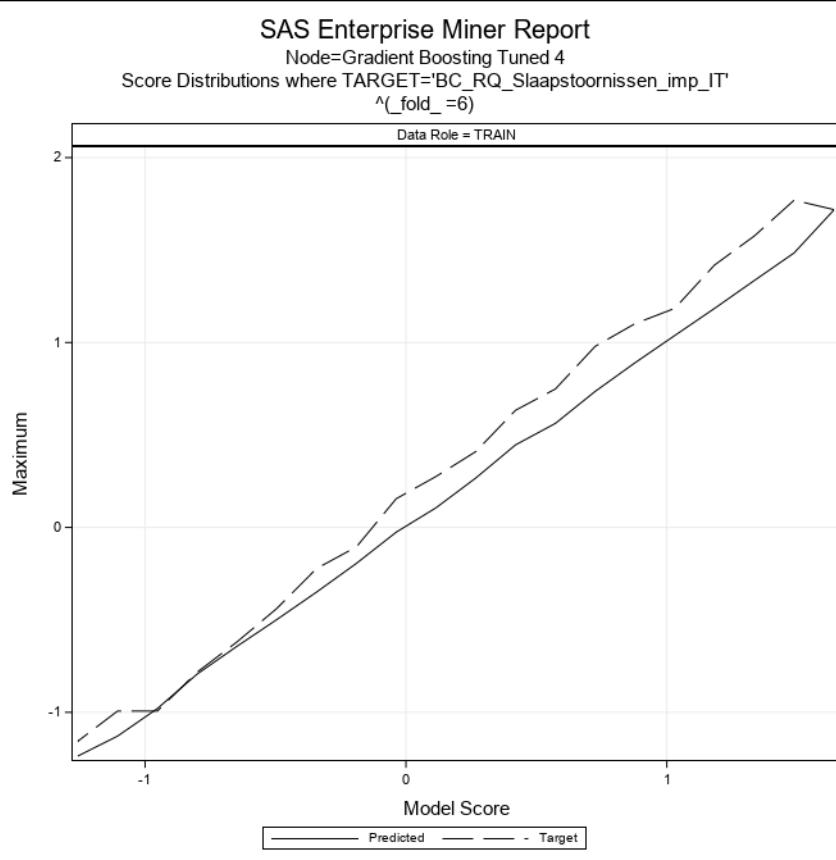
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN



**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

Mean

1  
0  
-1

Model Score

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

—— Predicted —— - Target

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

Mean

1  
0  
-1

Model Score

—— Predicted —— - Target

**SAS Enterprise Miner Report**

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

Maximum

2  
1  
0  
-1

Model Score

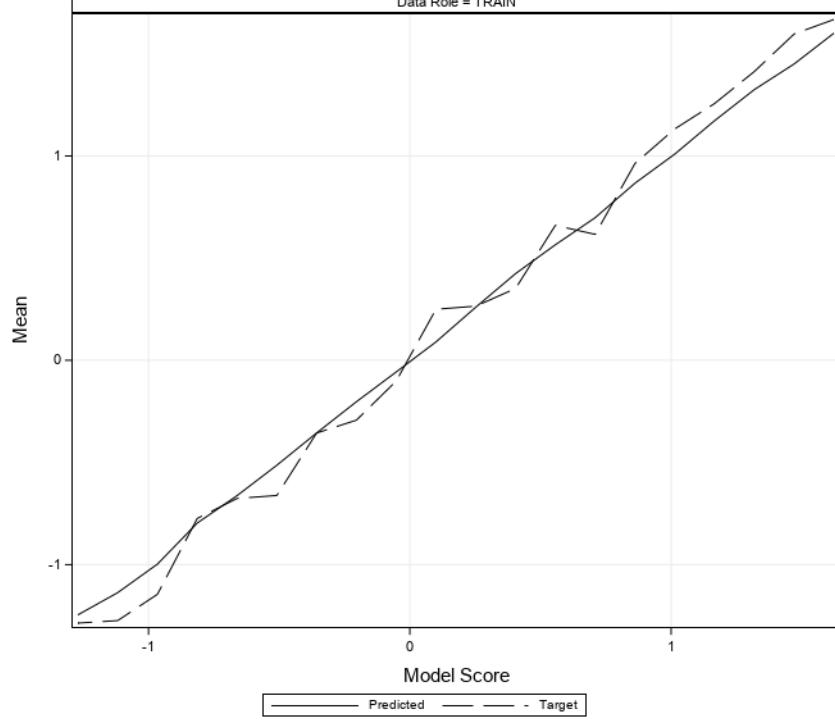
—— Predicted —— - Target

### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'\_OVERALL\_

Data Role = TRAIN

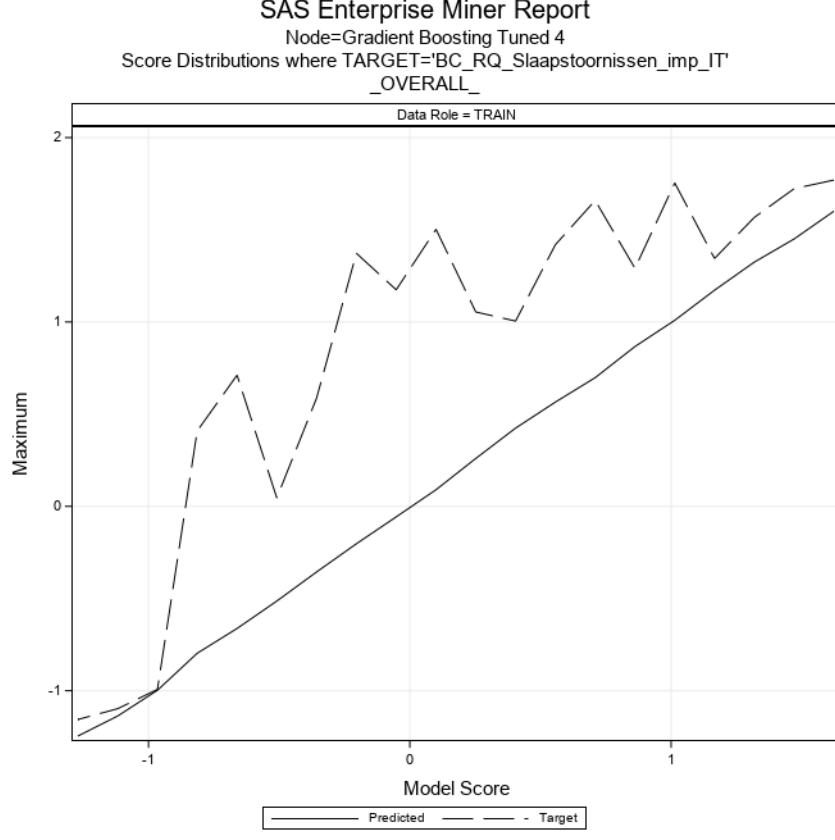


### SAS Enterprise Miner Report

Node=Gradient Boosting Tuned 4

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'\_OVERALL\_

Data Role = TRAIN



**Node=Gradient Boosting Tuned 4**  
**Score Distributions**

Group=^(fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.541 - 1.692	1.62635	1.69194	1.58615	1.71202	1.76974	1.65891
1.390 - 1.541	1.45523	1.53690	1.39699	1.55234	1.68187	1.44021
1.239 - 1.390	1.29535	1.38319	1.24357	1.37852	1.56738	1.17092
1.089 - 1.239	1.16094	1.23565	1.08865	1.26421	1.39890	1.14337
0.938 - 1.089	1.01246	1.08817	0.95110	1.07984	1.25802	0.97127
0.787 - 0.938	0.86897	0.92706	0.79158	0.94906	1.09472	0.84156
0.636 - 0.787	0.71064	0.78035	0.63815	0.77170	0.97910	0.63431
0.485 - 0.636	0.56234	0.62816	0.48888	0.60607	0.75303	0.46525
0.334 - 0.485	0.41252	0.48031	0.34110	0.45230	0.55302	0.31840
0.183 - 0.334	0.27203	0.33271	0.20473	0.26232	0.40910	0.13449
0.033 - 0.183	0.08101	0.14776	0.03725	0.07088	0.15511	-0.02880
-0.118 - 0.033	-0.03923	0.02228	-0.09984	-0.04615	0.06892	-0.17275
-0.269 - -0.118	-0.19885	-0.11954	-0.26532	-0.19854	-0.06966	-0.34438
-0.420 - -0.269	-0.35868	-0.28781	-0.41471	-0.35808	-0.20528	-0.48554
-0.571 - -0.420	-0.51065	-0.42240	-0.56491	-0.55440	-0.43832	-0.64719
-0.722 - -0.571	-0.66091	-0.57194	-0.72030	-0.69841	-0.60236	-0.81979
-0.873 - -0.722	-0.81318	-0.76474	-0.87025	-0.88284	-0.65683	-1.04326
-1.023 - -0.873	-0.98255	-0.91758	-1.01314	-1.07371	-0.94555	-1.28949
-1.174 - -1.023	-1.11198	-1.02418	-1.17410	-1.23797	-1.09749	-1.28949
-1.325 - -1.174	-1.23003	-1.17579	-1.32508	-1.28949	-1.28949	-1.28949

#### Node=Gradient Boosting Tuned 4

##### Score Distributions

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.505 - 1.656	1.59302	1.65573	1.51516	1.67664	1.76974	1.55847
1.354 - 1.505	1.41542	1.49724	1.36646	1.52099	1.70423	1.38199
1.204 - 1.354	1.27854	1.34826	1.20967	1.37069	1.51224	1.27801
1.053 - 1.204	1.12829	1.19693	1.05694	1.22756	1.41905	1.01455
0.902 - 1.053	0.95373	1.04240	0.90472	1.00660	1.13678	0.84963
0.751 - 0.902	0.84179	0.89468	0.75756	0.95693	1.30384	0.82346
0.601 - 0.751	0.66669	0.74850	0.61018	0.73169	0.97910	0.62051
0.450 - 0.601	0.54433	0.59848	0.45413	0.58044	0.75303	0.46525
0.299 - 0.450	0.38235	0.44773	0.31351	0.43524	0.57462	0.32620
0.149 - 0.299	0.24410	0.29413	0.15601	0.25064	0.34239	0.13394
-0.002 - 0.149	0.07475	0.13315	-0.00087	0.07076	0.27536	-0.02880
-0.153 - -0.002	-0.07509	-0.01949	-0.14562	-0.08664	-0.00312	-0.20528
-0.304 - -0.153	-0.24294	-0.15694	-0.30117	-0.24788	-0.11173	-0.43832
-0.454 - -0.304	-0.37504	-0.30738	-0.44457	-0.38070	-0.22210	-0.48554
-0.605 - -0.454	-0.53416	-0.46192	-0.59832	-0.56616	-0.43832	-0.65828
-0.756 - -0.605	-0.67717	-0.61328	-0.74965	-0.73506	-0.59944	-1.28949
-0.907 - -0.756	-0.83043	-0.77087	-0.90119	-0.89203	-0.78226	-1.00362
-1.057 - -0.907	-0.99009	-0.92000	-1.05144	-1.13398	-0.94555	-1.28949
-1.208 - -1.057	-1.15268	-1.06951	-1.20580	-1.26965	-1.09749	-1.28949
-1.359 - -1.208	-1.25119	-1.20848	-1.35870	-1.28949	-1.28949	-1.28949

#### Node=Gradient Boosting Tuned 4

##### Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.548 - 1.701	1.61411	1.70114	1.54939	1.71076	1.76974	1.65891
1.394 - 1.548	1.46983	1.53667	1.39744	1.56824	1.72302	1.38199
1.241 - 1.394	1.30889	1.38307	1.24287	1.41079	1.66657	1.27739
1.087 - 1.241	1.16659	1.23429	1.09388	1.25102	1.37243	1.14337
0.933 - 1.087	1.01279	1.07679	0.93780	1.05562	1.18466	0.88044
0.780 - 0.933	0.85833	0.92325	0.79234	0.93332	1.09472	0.69707
0.626 - 0.780	0.70563	0.76821	0.62910	0.76369	0.97910	0.65210
0.473 - 0.626	0.56680	0.61730	0.48253	0.62010	0.84963	0.45800
0.319 - 0.473	0.39842	0.46497	0.34275	0.45046	0.55302	0.32620
0.166 - 0.319	0.23006	0.30710	0.18424	0.24398	0.31840	0.17516
0.012 - 0.166	0.07278	0.13304	0.02311	0.08085	0.27536	-0.00312
-0.141 - 0.012	-0.06703	0.00123	-0.14039	-0.06124	0.13394	-0.20528
-0.295 - -0.141	-0.20326	-0.14190	-0.28549	-0.22712	-0.10535	-0.43832
-0.448 - -0.295	-0.35890	-0.29960	-0.41343	-0.39422	-0.22210	-0.56265
-0.602 - -0.448	-0.54266	-0.46111	-0.59074	-0.58442	-0.43832	-0.71373
-0.755 - -0.602	-0.68140	-0.61289	-0.73799	-0.74491	-0.64719	-0.94555
-0.909 - -0.755	-0.82243	-0.76200	-0.89076	-0.92358	-0.78226	-1.15607
-1.062 - -0.909	-0.98936	-0.91029	-1.03776	-1.13825	-1.00362	-1.28949
-1.216 - -1.062	-1.15337	-1.07419	-1.21017	-1.26826	-1.09749	-1.28949
-1.369 - -1.216	-1.25153	-1.21991	-1.36945	-1.28949	-1.28949	-1.28949

#### Node=Gradient Boosting Tuned 4

##### Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.631 - 1.787	1.78718	1.78718	1.78718	1.71877	1.71877	1.71877
1.475 - 1.631	1.56205	1.58749	1.49190	1.63905	1.72302	1.55847
1.319 - 1.475	1.39594	1.46001	1.33400	1.49489	1.76974	1.30172
1.163 - 1.319	1.24371	1.31215	1.17971	1.32497	1.47303	1.18714
1.007 - 1.163	1.08433	1.15989	1.01285	1.15984	1.37498	1.00501
0.851 - 1.007	0.93480	1.00208	0.87359	0.99775	1.13678	0.88044
0.695 - 0.851	0.77191	0.84192	0.70784	0.85290	1.04222	0.63431
0.539 - 0.695	0.60784	0.69111	0.54778	0.67242	0.82346	0.53499
0.383 - 0.539	0.47383	0.53361	0.38498	0.52117	0.65741	0.40999
0.227 - 0.383	0.31727	0.38154	0.24077	0.35923	0.49138	0.30195
0.071 - 0.227	0.14122	0.22239	0.07546	0.14130	0.27536	0.02169
-0.085 - 0.071	-0.01254	0.06110	-0.07814	-0.01536	0.11328	-0.12652
-0.241 - -0.085	-0.16055	-0.09585	-0.23894	-0.17308	-0.05541	-0.29355
-0.397 - -0.241	-0.31365	-0.25035	-0.36997	-0.34401	-0.20528	-0.56265
-0.553 - -0.397	-0.47258	-0.40218	-0.54303	-0.49746	-0.39395	-0.61896
-0.709 - -0.553	-0.62979	-0.55369	-0.70859	-0.67178	-0.59026	-0.81979
-0.865 - -0.709	-0.78595	-0.71138	-0.85494	-0.83225	-0.65683	-0.99278
-1.021 - -0.865	-0.97452	-0.89990	-1.02019	-1.11148	-0.99278	-1.28949
-1.177 - -1.021	-1.11092	-1.04567	-1.17219	-1.24404	-1.09749	-1.28949
-1.333 - -1.177	-1.23619	-1.17751	-1.33313	-1.28949	-1.28949	-1.28949

#### Node=Gradient Boosting Tuned 4

##### Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.548 - 1.699	1.65228	1.69923	1.58178	1.68570	1.76974	1.58775
1.398 - 1.548	1.45926	1.52573	1.39941	1.59952	1.75390	1.44021
1.247 - 1.398	1.31729	1.39213	1.24711	1.40250	1.57618	1.26982
1.096 - 1.247	1.17683	1.23466	1.09712	1.25788	1.47303	1.00501
0.945 - 1.096	1.02049	1.09201	0.94772	1.09225	1.24789	0.92436
0.795 - 0.945	0.85888	0.94207	0.79532	0.92247	1.07475	0.80658
0.644 - 0.795	0.69928	0.78560	0.64457	0.75481	1.10033	0.56356
0.493 - 0.644	0.55568	0.62337	0.49549	0.63875	0.97910	0.53405
0.343 - 0.493	0.41435	0.48052	0.34746	0.45308	0.50230	0.38251
0.192 - 0.343	0.26652	0.31317	0.19314	0.27414	0.40910	0.13449
0.041 - 0.192	0.12189	0.18741	0.05079	0.11554	0.27536	0.02169
-0.110 - 0.041	-0.02414	0.03779	-0.10198	-0.04200	0.06892	-0.20528
-0.260 - -0.110	-0.17397	-0.11672	-0.24586	-0.14834	-0.06966	-0.23932
-0.411 - -0.260	-0.30369	-0.26145	-0.37213	-0.32137	-0.20528	-0.45518
-0.562 - -0.411	-0.50063	-0.44246	-0.55691	-0.53425	-0.43832	-0.61896
-0.713 - -0.562	-0.64408	-0.56218	-0.71138	-0.69070	-0.59026	-0.81979
-0.863 - -0.713	-0.78370	-0.72832	-0.83852	-0.84819	-0.72443	-0.94555
-1.014 - -0.863	-0.94928	-0.88508	-1.00881	-1.03831	-0.85936	-1.28949
-1.165 - -1.014	-1.09721	-1.02165	-1.16487	-1.24697	-1.09749	-1.28949
-1.316 - -1.165	-1.22473	-1.16570	-1.31571	-1.28949	-1.28949	-1.28949

#### Node=Gradient Boosting Tuned 4

##### Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.564 - 1.717	1.71693	1.71693	1.71693	1.71877	1.71877	1.71877
1.412 - 1.564	1.48464	1.56107	1.42472	1.61308	1.76974	1.44021
1.259 - 1.412	1.33531	1.40600	1.26377	1.41563	1.57618	1.09472
1.107 - 1.259	1.18450	1.25233	1.11202	1.26607	1.41905	1.14827
0.954 - 1.107	1.03778	1.10384	0.95590	1.06546	1.18475	0.92080
0.802 - 0.954	0.89022	0.94994	0.80368	0.97229	1.10175	0.84963
0.649 - 0.802	0.73553	0.78771	0.65681	0.79579	0.97910	0.69707
0.497 - 0.649	0.56246	0.64303	0.50180	0.61012	0.74853	0.45800
0.344 - 0.497	0.44651	0.48371	0.40015	0.51464	0.63374	0.39550
0.191 - 0.344	0.26716	0.32596	0.20186	0.27726	0.40999	0.13449
0.039 - 0.191	0.10608	0.18428	0.04774	0.09751	0.27536	0.02313
-0.114 - 0.039	-0.02577	0.02633	-0.10469	-0.04084	0.15511	-0.23932
-0.266 - -0.114	-0.19458	-0.12354	-0.25964	-0.19623	-0.10535	-0.34726
-0.419 - -0.266	-0.34953	-0.26627	-0.41198	-0.36307	-0.22210	-0.56265
-0.571 - -0.419	-0.49838	-0.44591	-0.54579	-0.53918	-0.43832	-0.61896
-0.724 - -0.571	-0.64277	-0.58366	-0.71257	-0.69505	-0.61896	-0.81979
-0.876 - -0.724	-0.79279	-0.72857	-0.84207	-0.86300	-0.78226	-1.00362
-1.029 - -0.876	-0.97936	-0.88275	-1.02241	-1.05391	-0.99278	-1.15386
-1.182 - -1.029	-1.12826	-1.02906	-1.17926	-1.25830	-0.99278	-1.28949
-1.334 - -1.182	-1.23659	-1.18820	-1.33406	-1.28659	-1.15607	-1.28949

#### Node=Gradient Boosting Tuned 4

##### Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.500 - 1.649	1.58270	1.64860	1.53981	1.66419	1.75390	1.55847
1.351 - 1.500	1.40928	1.45430	1.35589	1.55862	1.76974	1.44021
1.202 - 1.351	1.28225	1.34383	1.20390	1.36820	1.51224	1.17092
1.053 - 1.202	1.13493	1.20110	1.05747	1.22352	1.37243	1.05422
0.904 - 1.053	0.99135	1.05101	0.91631	1.06162	1.28019	0.92436
0.755 - 0.904	0.83733	0.88905	0.77081	0.89628	1.01762	0.69707
0.607 - 0.755	0.68579	0.75372	0.60813	0.77313	1.10033	0.63431
0.458 - 0.607	0.54189	0.59766	0.45884	0.55791	0.69707	0.19467
0.309 - 0.458	0.37985	0.42432	0.31006	0.40512	0.49138	0.32620
0.160 - 0.309	0.21911	0.30408	0.16416	0.24444	0.32884	0.15511
0.011 - 0.160	0.09274	0.15900	0.01512	0.07334	0.17608	-0.00312
-0.138 - 0.011	-0.05610	0.00973	-0.13436	-0.05377	0.06892	-0.17275
-0.287 - -0.138	-0.20964	-0.13925	-0.27767	-0.20524	-0.06966	-0.39395
-0.436 - -0.287	-0.34025	-0.28922	-0.41500	-0.37359	-0.20528	-0.48554
-0.584 - -0.436	-0.51080	-0.43837	-0.57802	-0.56293	-0.43832	-0.67998
-0.733 - -0.584	-0.65979	-0.61670	-0.72165	-0.68714	-0.64719	-0.78467
-0.882 - -0.733	-0.79980	-0.73557	-0.87741	-0.86183	-0.78226	-1.00362
-1.031 - -0.882	-0.97706	-0.90155	-1.02844	-1.13395	-0.99278	-1.28949
-1.180 - -1.031	-1.12976	-1.03316	-1.17928	-1.26804	-1.09749	-1.28949
-1.329 - -1.180	-1.23953	-1.18875	-1.32881	-1.28646	-1.15607	-1.28949

#### Node=Gradient Boosting Tuned 4

##### Score Distributions

Group=^(fold\_=8) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.481 - 1.630	1.55046	1.62958	1.49233	1.65732	1.76974	1.54020
1.332 - 1.481	1.37688	1.45717	1.33383	1.46317	1.72302	1.30574
1.183 - 1.332	1.27205	1.32862	1.18569	1.37907	1.56738	1.25123
1.034 - 1.183	1.11127	1.17711	1.05951	1.22282	1.40996	1.12609
0.886 - 1.034	0.95541	1.01977	0.88735	1.01944	1.17463	0.92080
0.737 - 0.886	0.81723	0.87566	0.76302	0.87662	1.01762	0.72559
0.588 - 0.737	0.66757	0.73654	0.60149	0.71113	0.96579	0.53499
0.439 - 0.588	0.51339	0.58634	0.44507	0.56909	0.69707	0.46525
0.290 - 0.439	0.38093	0.43698	0.29620	0.43039	0.54821	0.30195
0.141 - 0.290	0.22480	0.26875	0.15669	0.25461	0.40910	0.13449
-0.007 - 0.141	0.06144	0.13899	0.00676	0.06247	0.27536	-0.05541
-0.156 - -0.007	-0.09257	-0.04519	-0.15178	-0.09464	0.06892	-0.20528
-0.305 - -0.156	-0.23330	-0.15772	-0.29840	-0.26294	-0.14766	-0.43832
-0.454 - -0.305	-0.38243	-0.30972	-0.43588	-0.39304	-0.25587	-0.48554
-0.603 - -0.454	-0.53497	-0.45406	-0.60216	-0.57501	-0.43832	-0.65828
-0.751 - -0.603	-0.68689	-0.60555	-0.74957	-0.72290	-0.62105	-0.81979
-0.900 - -0.751	-0.81385	-0.76520	-0.87577	-0.87509	-0.78467	-0.99278
-1.049 - -0.900	-0.97955	-0.91834	-1.03810	-1.12880	-0.99278	-1.28949
-1.198 - -1.049	-1.14417	-1.07299	-1.19176	-1.27755	-1.15386	-1.28949
-1.347 - -1.198	-1.25138	-1.20681	-1.34668	-1.28556	-1.15607	-1.28949

#### Node=Gradient Boosting Tuned 4

##### Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.547 - 1.699	1.60094	1.69923	1.54939	1.66792	1.76974	1.55847
1.395 - 1.547	1.45025	1.53191	1.40858	1.59689	1.72302	1.44021
1.242 - 1.395	1.32482	1.37785	1.25976	1.41327	1.56738	1.28763
1.090 - 1.242	1.17244	1.22900	1.09220	1.25647	1.34442	1.17463
0.938 - 1.090	1.00916	1.08298	0.94275	1.13226	1.75390	0.92436
0.785 - 0.938	0.86670	0.93211	0.79837	0.96290	1.29103	0.83372
0.633 - 0.785	0.69796	0.78017	0.63553	0.61617	1.65900	-1.28949
0.481 - 0.633	0.56541	0.62792	0.49178	0.66052	1.41905	0.45800
0.329 - 0.481	0.42427	0.47305	0.35370	0.35149	1.00501	-0.81979
0.176 - 0.329	0.25988	0.32703	0.18428	0.26486	1.05422	-1.28949
0.024 - 0.176	0.09001	0.16093	0.02796	0.24991	1.50263	-0.02880
-0.128 - 0.024	-0.05714	0.02209	-0.10835	-0.10170	1.17463	-1.28949
-0.281 - -0.128	-0.20286	-0.13258	-0.27957	-0.29294	1.37243	-1.28949
-0.433 - -0.281	-0.35579	-0.28549	-0.43040	-0.35609	0.58749	-0.99278
-0.585 - -0.433	-0.51362	-0.45103	-0.58038	-0.66161	0.04568	-1.28949
-0.738 - -0.585	-0.66250	-0.60244	-0.72832	-0.67616	0.71147	-1.28949
-0.890 - -0.738	-0.79669	-0.73856	-0.87722	-0.77415	0.40910	-1.28949
-1.042 - -0.890	-0.99755	-0.93356	-1.03558	-1.14523	-0.99278	-1.28949
-1.194 - -1.042	-1.13729	-1.06295	-1.19127	-1.27395	-1.09749	-1.28949
-1.347 - -1.194	-1.24596	-1.20466	-1.34668	-1.28607	-1.15607	-1.28949

## Node=Gradient Boosting Tuned 4 Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	353
2	^(fold_=2)	346
3	^(fold_=3)	345
4	^(fold_=4)	354
5	^(fold_=5)	341
6	^(fold_=6)	339
7	^(fold_=7)	329
8	^(fold_=8)	344

## SAS Enterprise Miner Report

### Node=End Groups Summary

Node id = EndGrp4  
 Node label = End Groups  
 Meta path = Ids => Trans => Grp4 => Boost6 => EndGrp4  
 Notes =

### Node=End Groups Properties

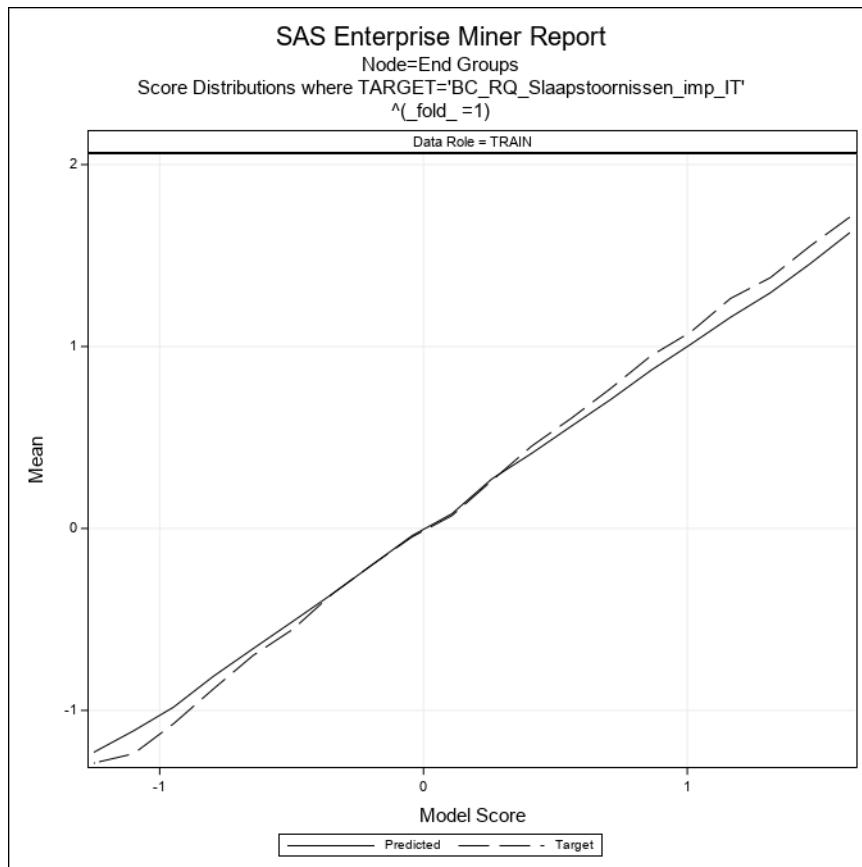
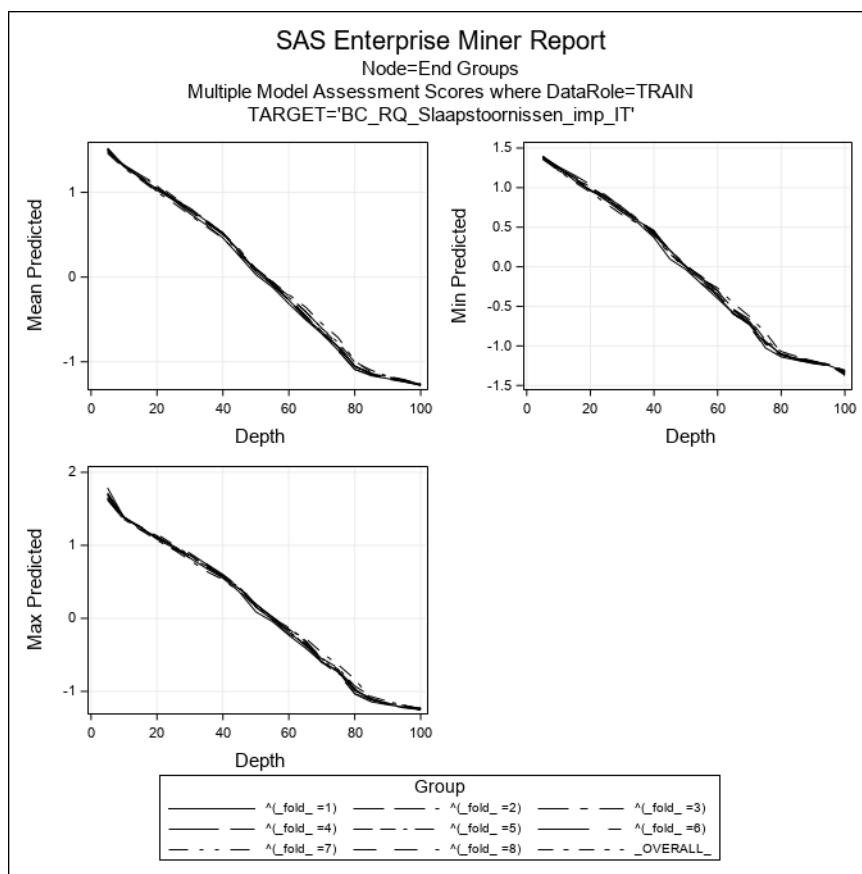
Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	EndGroup		ToolType	MODEL				

### Node=End Groups Variable Summary

Role	Level	Frequency		Train: Sum of Case	Weights
		Count	Name		
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: Frequencies		Weights Times Freq
				Sum of	Case	
1	^(fold_=1)	Boost6	BC_RQ_Slaapstoornissen_imp_IT	347	347	
2	^(fold_=2)	Boost6	BC_RQ_Slaapstoornissen_imp_IT	346	346	
3	^(fold_=3)	Boost6	BC_RQ_Slaapstoornissen_imp_IT	340	340	
4	^(fold_=4)	Boost6	BC_RQ_Slaapstoornissen_imp_IT	346	346	
5	^(fold_=5)	Boost6	BC_RQ_Slaapstoornissen_imp_IT	350	350	
6	^(fold_=6)	Boost6	BC_RQ_Slaapstoornissen_imp_IT	336	336	
7	^(fold_=7)	Boost6	BC_RQ_Slaapstoornissen_imp_IT	346	346	
8	^(fold_=8)	Boost6	BC_RQ_Slaapstoornissen_imp_IT	350	350	
9	_OVERALL_		BC_RQ_Slaapstoornissen_imp_IT	393	.	

Maximum Absolute Error	Train: Sum of Squared Errors	Train: Average Squared Error	Train: Root Average Squared Error	Train: Root Divisor for ASE	Train: Degrees of Freedom	Train: Total	
						Target Label	
0.27698	2.9375	0.00847	0.09201	347	347	ReQuest (sleep subscale) (Box-Cox transformed)	
0.61490	4.0539	0.01172	0.10824	346	346	ReQuest (sleep subscale) (Box-Cox transformed)	
0.33205	3.4623	0.01018	0.10091	340	340	ReQuest (sleep subscale) (Box-Cox transformed)	
0.31631	2.9859	0.00863	0.09290	346	346	ReQuest (sleep subscale) (Box-Cox transformed)	
0.37544	3.5502	0.01014	0.10071	350	350	ReQuest (sleep subscale) (Box-Cox transformed)	
0.26199	2.9989	0.00893	0.09447	336	336	ReQuest (sleep subscale) (Box-Cox transformed)	
0.36942	3.4918	0.01009	0.10046	346	346	ReQuest (sleep subscale) (Box-Cox transformed)	
0.35138	3.4765	0.00993	0.09966	350	350	ReQuest (sleep subscale) (Box-Cox transformed)	
2.77523	55.9060	0.14225	0.37717	393	.	ReQuest (sleep subscale) (Box-Cox transformed)	



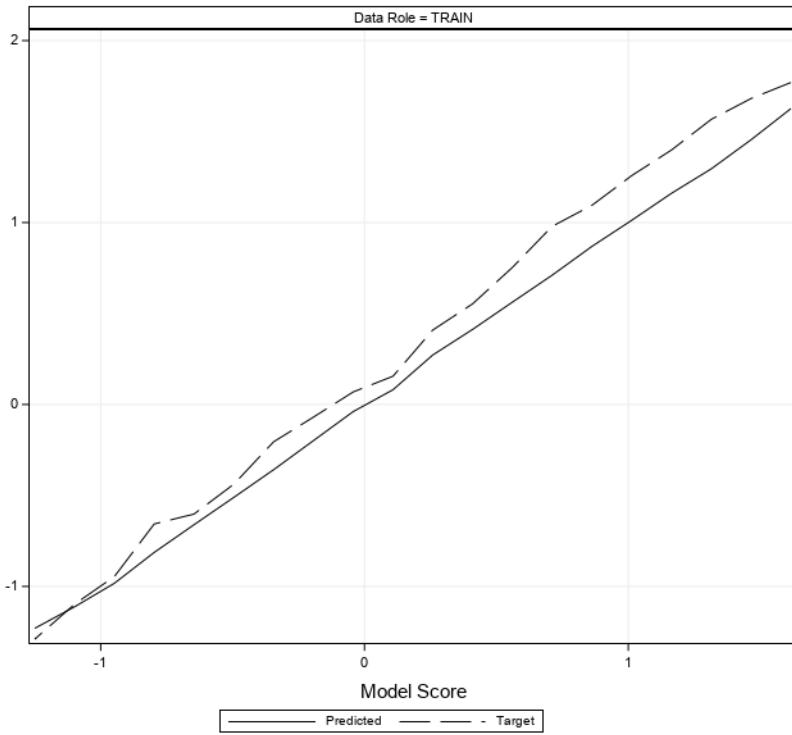
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}1)$

Data Role = TRAIN

Maximum



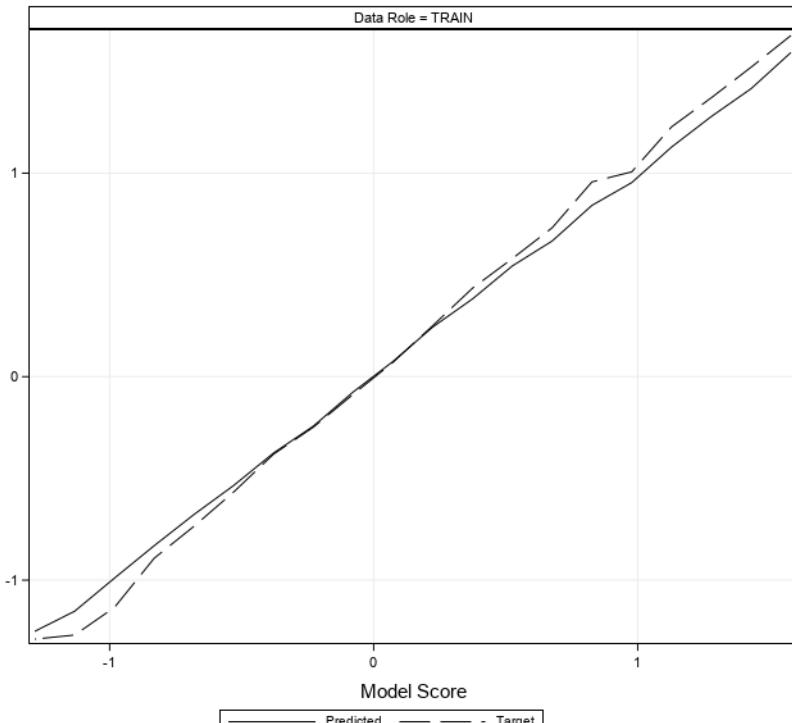
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
 $\wedge(\text{fold}_\text{=}2)$

Data Role = TRAIN

Mean



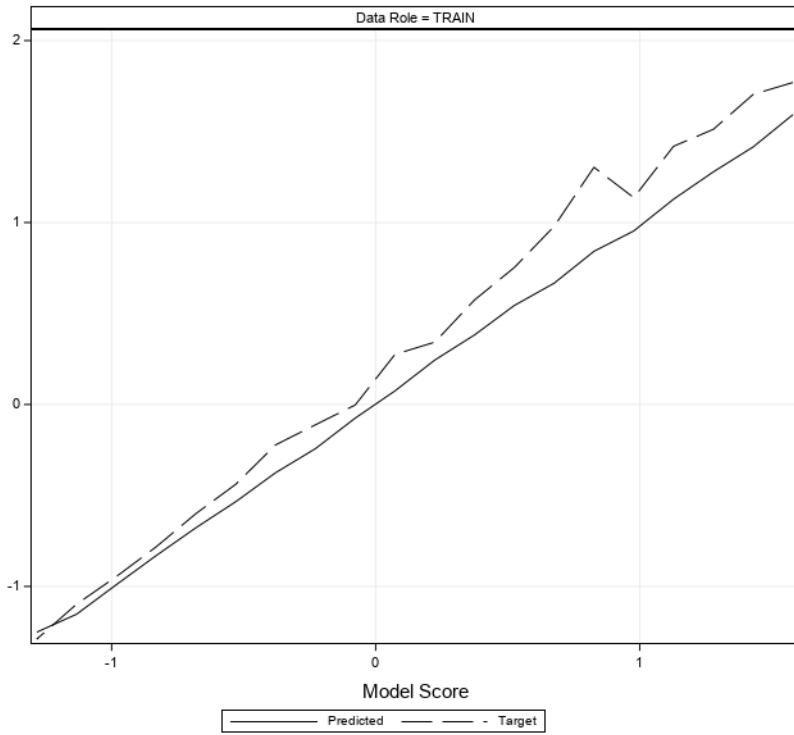
**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=2)

Data Role = TRAIN

Maximum

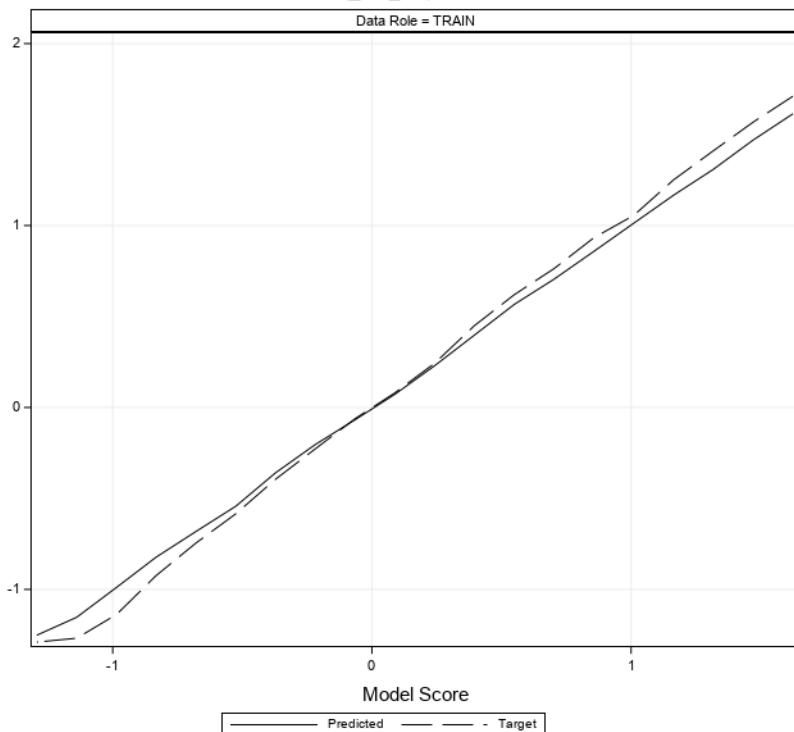
**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

Mean



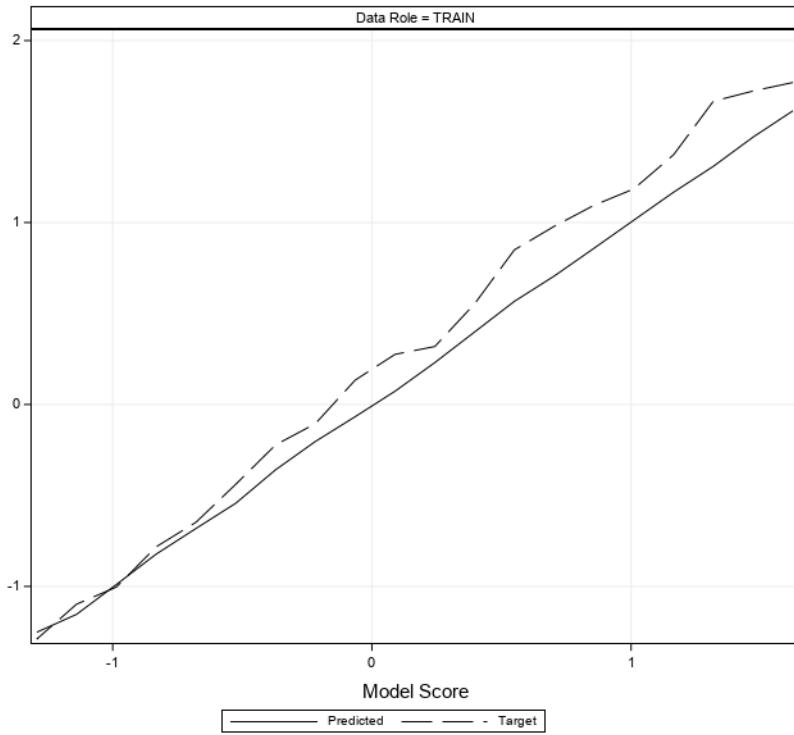
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=3)

Data Role = TRAIN

Maximum



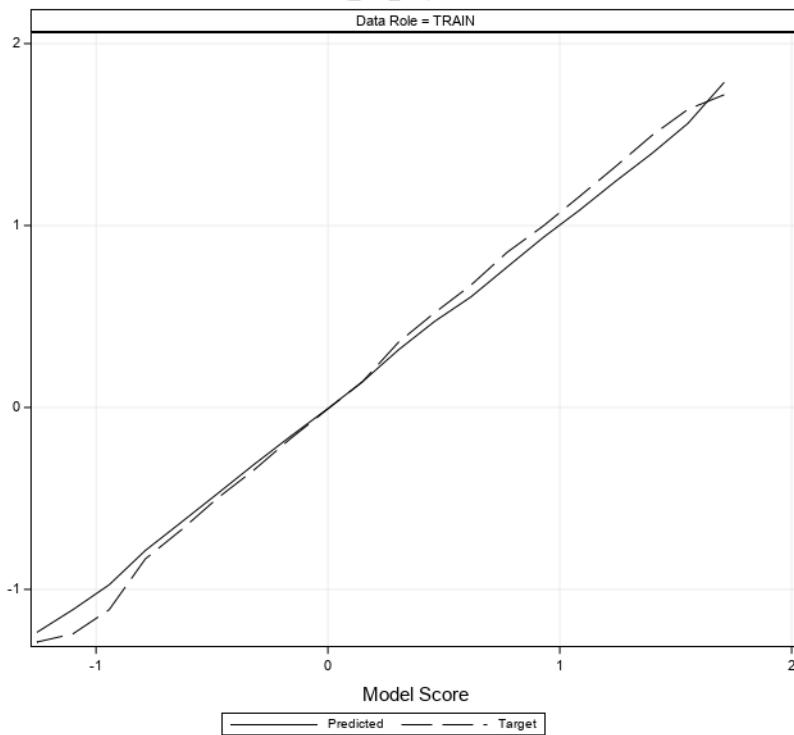
### SAS Enterprise Miner Report

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

Data Role = TRAIN

Mean

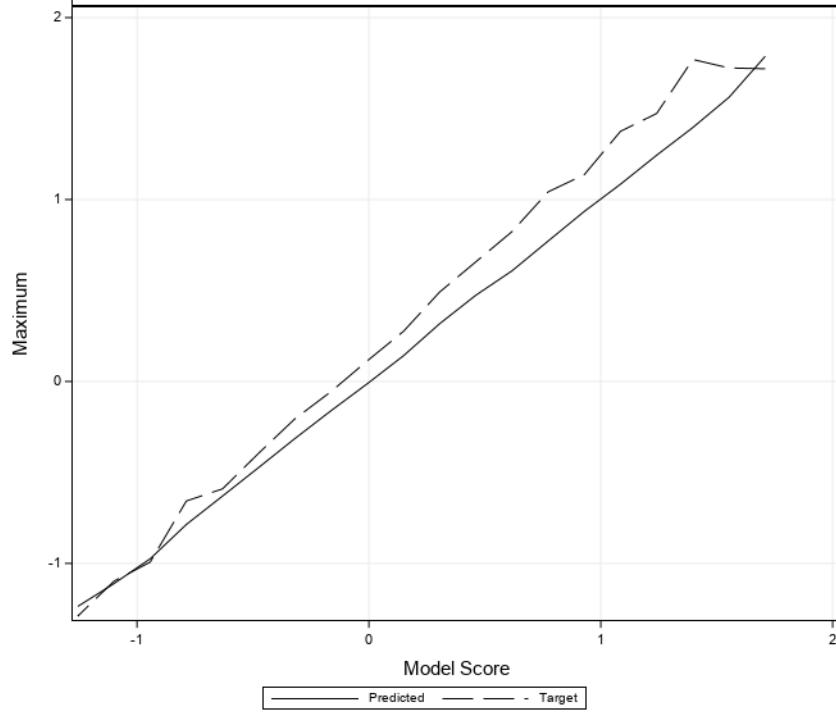


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=4)

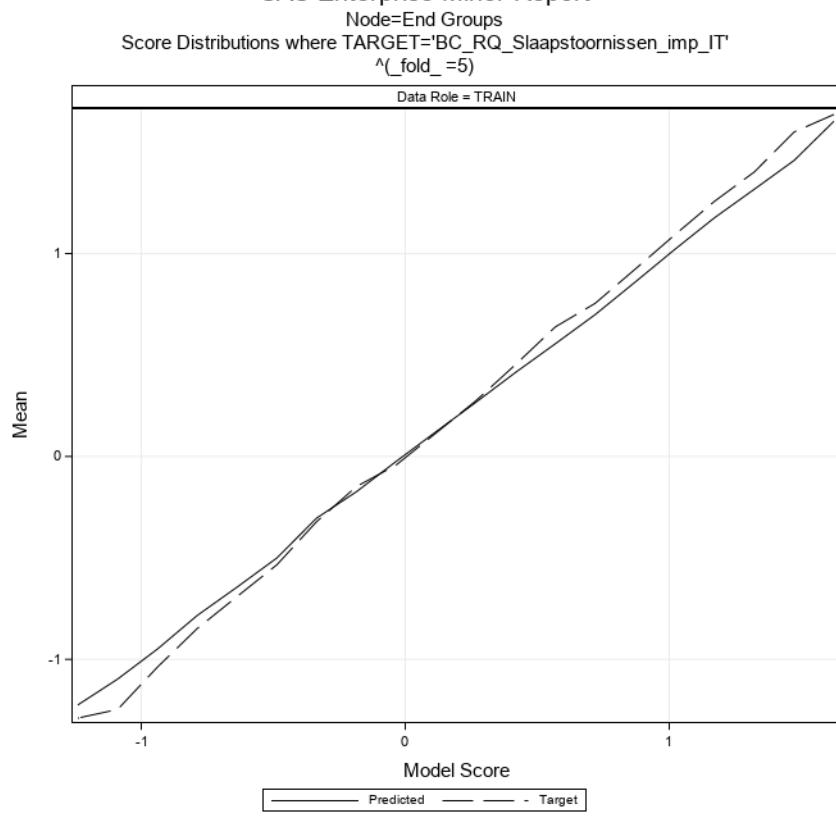
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

Data Role = TRAIN

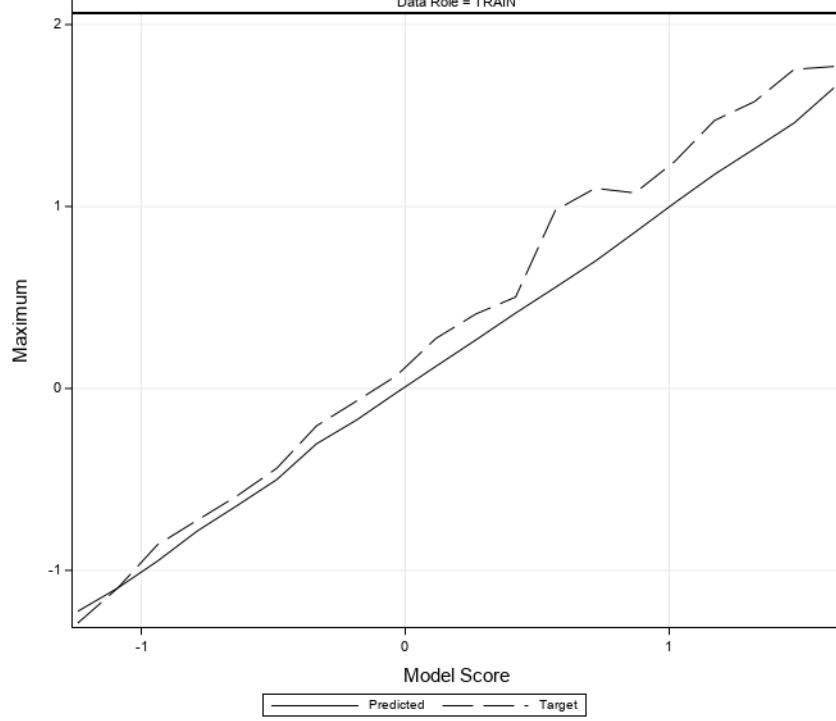


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=5)

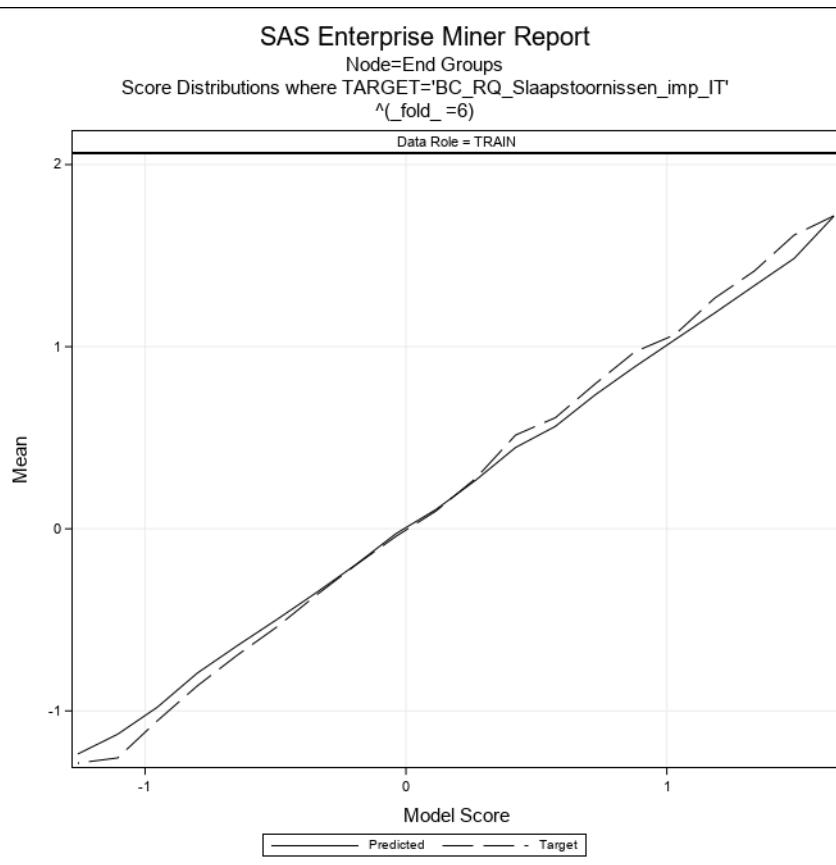
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

Data Role = TRAIN

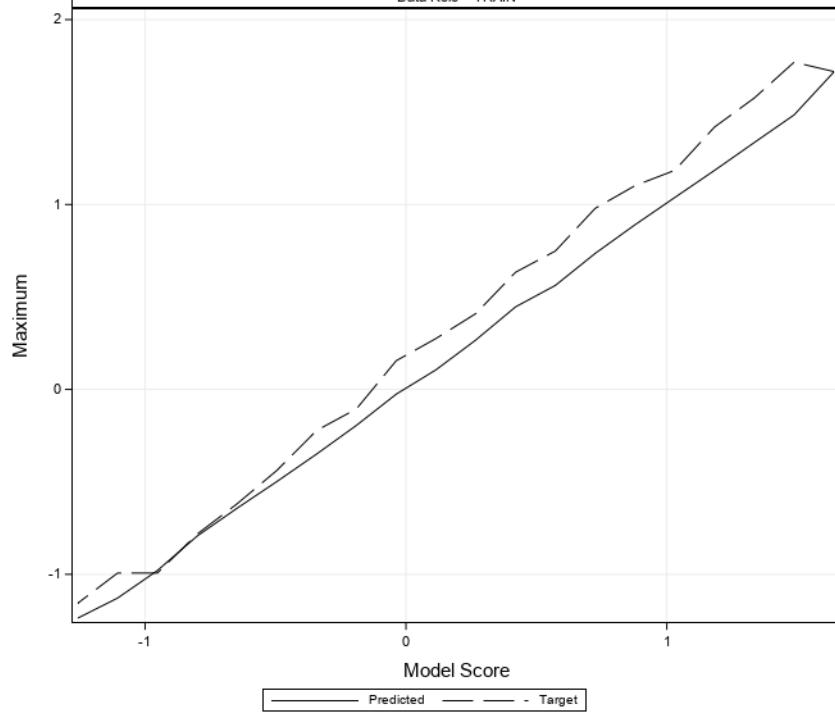


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=6)

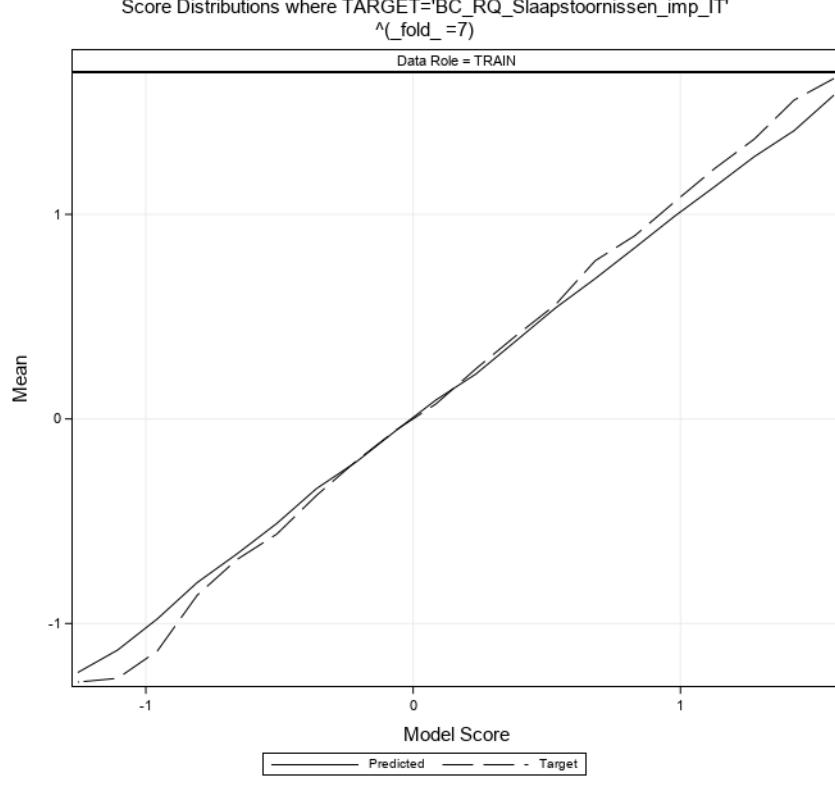
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

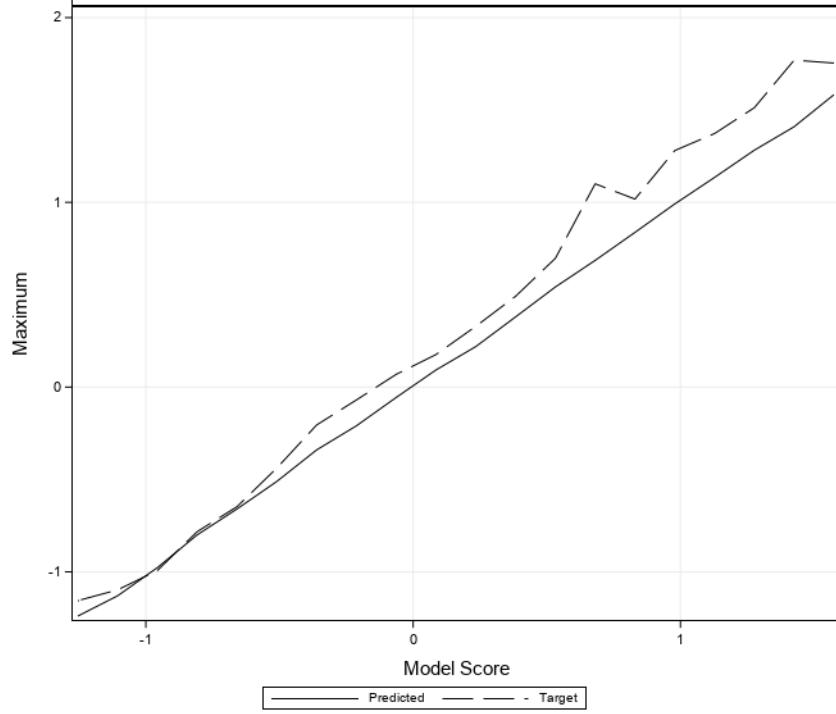


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=7)

Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

Data Role = TRAIN

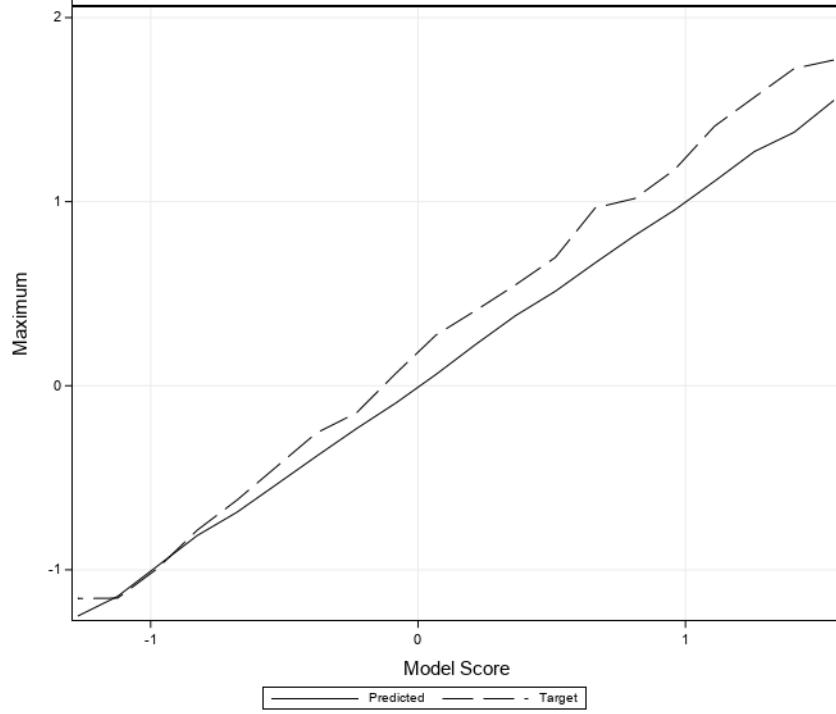


**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
^(\_fold\_=8)

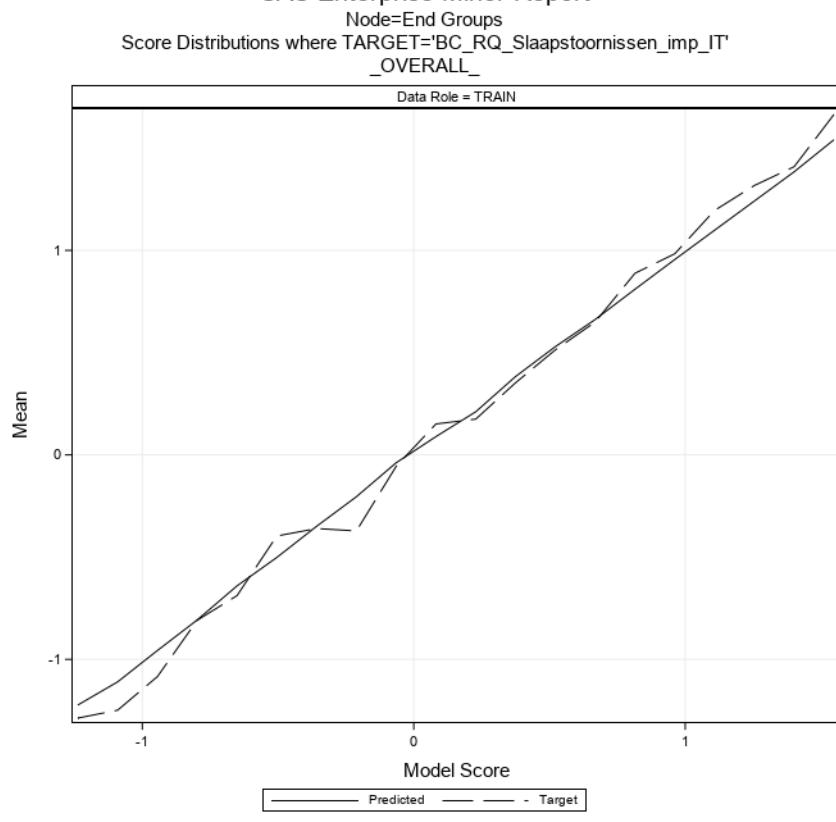
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=End Groups

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'  
\_OVERALL\_

Data Role = TRAIN





### **Node=End Groups Score Distributions**

Group=^(\_fold\_=1) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.541 - 1.692	1.62635	1.69194	1.58615	1.71202	1.76974	1.65891
1.390 - 1.541	1.45523	1.53690	1.39699	1.55234	1.68187	1.44021
1.239 - 1.390	1.29535	1.38319	1.24357	1.37852	1.56738	1.17092
1.089 - 1.239	1.16094	1.23565	1.08865	1.26421	1.39890	1.14337
0.938 - 1.089	1.01246	1.08817	0.95110	1.07984	1.25802	0.97127
0.787 - 0.938	0.86897	0.92706	0.79158	0.94906	1.09472	0.84156
0.636 - 0.787	0.71064	0.78035	0.63815	0.77170	0.97910	0.63431
0.485 - 0.636	0.56234	0.62816	0.48888	0.60607	0.75303	0.46525
0.334 - 0.485	0.41252	0.48031	0.34110	0.45230	0.55302	0.31840
0.183 - 0.334	0.27203	0.33271	0.20473	0.26232	0.40910	0.13449
0.033 - 0.183	0.08101	0.14776	0.03725	0.07088	0.15511	-0.02880
-0.118 - 0.033	-0.03923	0.02228	-0.09984	-0.04615	0.06892	-0.17275
-0.269 - -0.118	-0.19885	-0.11954	-0.26532	-0.19854	-0.06966	-0.34438
-0.420 - -0.269	-0.35868	-0.28781	-0.41471	-0.35808	-0.20528	-0.48554
-0.571 - -0.420	-0.51065	-0.42240	-0.56491	-0.55440	-0.43832	-0.64719
-0.722 - -0.571	-0.66091	-0.57194	-0.72030	-0.69841	-0.60236	-0.81979
-0.873 - -0.722	-0.81318	-0.76474	-0.87025	-0.88284	-0.65683	-1.04326
-1.023 - -0.873	-0.98255	-0.91758	-1.01314	-1.07371	-0.94555	-1.28949
-1.174 - -1.023	-1.11198	-1.02418	-1.17410	-1.23797	-1.09749	-1.28949
-1.325 - -1.174	-1.23003	-1.17579	-1.32508	-1.28949	-1.28949	-1.28949

### **Node=End Groups Score Distributions**

Group=^(fold\_=2) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.505 - 1.656	1.59302	1.65573	1.51516	1.67664	1.76974	1.55847
1.354 - 1.505	1.41542	1.49724	1.36646	1.52099	1.70423	1.38199
1.204 - 1.354	1.27854	1.34826	1.20967	1.37069	1.51224	1.27801
1.053 - 1.204	1.12829	1.19693	1.05694	1.22756	1.41905	1.01455
0.902 - 1.053	0.95373	1.04240	0.90472	1.00660	1.13678	0.84963
0.751 - 0.902	0.84179	0.89468	0.75756	0.95693	1.30384	0.82346
0.601 - 0.751	0.66669	0.74850	0.61018	0.73169	0.97910	0.62051
0.450 - 0.601	0.54433	0.59848	0.45413	0.58044	0.75303	0.46525
0.299 - 0.450	0.38235	0.44773	0.31351	0.43524	0.57462	0.32620
0.149 - 0.299	0.24410	0.29413	0.15601	0.25064	0.34239	0.13394
-0.002 - 0.149	0.07475	0.13315	-0.00087	0.07076	0.27536	-0.02880
-0.153 - -0.002	-0.07509	-0.01949	-0.14562	-0.08664	-0.00312	-0.20528
-0.304 - -0.153	-0.24294	-0.15694	-0.30117	-0.24788	-0.11173	-0.43832
-0.454 - -0.304	-0.37504	-0.30738	-0.44457	-0.38070	-0.22210	-0.48554
-0.605 - -0.454	-0.53416	-0.46192	-0.59832	-0.56616	-0.43832	-0.65828
-0.756 - -0.605	-0.67717	-0.61328	-0.74965	-0.73506	-0.59944	-1.28949
-0.907 - -0.756	-0.83043	-0.77087	-0.90119	-0.89203	-0.78226	-1.00362
-1.057 - -0.907	-0.99009	-0.92000	-1.05144	-1.13398	-0.94555	-1.28949
-1.208 - -1.057	-1.15268	-1.06951	-1.20580	-1.26965	-1.09749	-1.28949
-1.359 - -1.208	-1.25119	-1.20848	-1.35870	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=3) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.548 - 1.701	1.61411	1.70114	1.54939	1.71076	1.76974	1.65891
1.394 - 1.548	1.46983	1.53667	1.39744	1.56824	1.72302	1.38199
1.241 - 1.394	1.30889	1.38307	1.24287	1.41079	1.66657	1.27739
1.087 - 1.241	1.16659	1.23429	1.09388	1.25102	1.37243	1.14337
0.933 - 1.087	1.01279	1.07679	0.93780	1.05562	1.18466	0.88044
0.780 - 0.933	0.85833	0.92325	0.79234	0.93332	1.09472	0.69707
0.626 - 0.780	0.70563	0.76821	0.62910	0.76369	0.97910	0.65210
0.473 - 0.626	0.56680	0.61730	0.48253	0.62010	0.84963	0.45800
0.319 - 0.473	0.39842	0.46497	0.34275	0.45046	0.55302	0.32620
0.166 - 0.319	0.23006	0.30710	0.18424	0.24398	0.31840	0.17516
0.012 - 0.166	0.07278	0.13304	0.02311	0.08085	0.27536	-0.00312
-0.141 - 0.012	-0.06703	0.00123	-0.14039	-0.06124	0.13394	-0.20528
-0.295 - -0.141	-0.20326	-0.14190	-0.28549	-0.22712	-0.10535	-0.43832
-0.448 - -0.295	-0.35890	-0.29960	-0.41343	-0.39422	-0.22210	-0.56265
-0.602 - -0.448	-0.54266	-0.46111	-0.59074	-0.58442	-0.43832	-0.71373
-0.755 - -0.602	-0.68140	-0.61289	-0.73799	-0.74491	-0.64719	-0.94555
-0.909 - -0.755	-0.82243	-0.76200	-0.89076	-0.92358	-0.78226	-1.15607
-1.062 - -0.909	-0.98936	-0.91029	-1.03776	-1.13825	-1.00362	-1.28949
-1.216 - -1.062	-1.15337	-1.07419	-1.21017	-1.26826	-1.09749	-1.28949
-1.369 - -1.216	-1.25153	-1.21991	-1.36945	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=4) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.631 - 1.787	1.78718	1.78718	1.78718	1.71877	1.71877	1.71877
1.475 - 1.631	1.56205	1.58749	1.49190	1.63905	1.72302	1.55847
1.319 - 1.475	1.39594	1.46001	1.33400	1.49489	1.76974	1.30172
1.163 - 1.319	1.24371	1.31215	1.17971	1.32497	1.47303	1.18714
1.007 - 1.163	1.08433	1.15989	1.01285	1.15984	1.37498	1.00501
0.851 - 1.007	0.93480	1.00208	0.87359	0.99775	1.13678	0.88044
0.695 - 0.851	0.77191	0.84192	0.70784	0.85290	1.04222	0.63431
0.539 - 0.695	0.60784	0.69111	0.54778	0.67242	0.82346	0.53499
0.383 - 0.539	0.47383	0.53361	0.38498	0.52117	0.65741	0.40999
0.227 - 0.383	0.31727	0.38154	0.24077	0.35923	0.49138	0.30195
0.071 - 0.227	0.14122	0.22239	0.07546	0.14130	0.27536	0.02169
-0.085 - 0.071	-0.01254	0.06110	-0.07814	-0.01536	0.11328	-0.12652
-0.241 - -0.085	-0.16055	-0.09585	-0.23894	-0.17308	-0.05541	-0.29355
-0.397 - -0.241	-0.31365	-0.25035	-0.36997	-0.34401	-0.20528	-0.56265
-0.553 - -0.397	-0.47258	-0.40218	-0.54303	-0.49746	-0.39395	-0.61896
-0.709 - -0.553	-0.62979	-0.55369	-0.70859	-0.67178	-0.59026	-0.81979
-0.865 - -0.709	-0.78595	-0.71138	-0.85494	-0.83225	-0.65683	-0.99278
-1.021 - -0.865	-0.97452	-0.89990	-1.02019	-1.11148	-0.99278	-1.28949
-1.177 - -1.021	-1.11092	-1.04567	-1.17219	-1.24404	-1.09749	-1.28949
-1.333 - -1.177	-1.23619	-1.17751	-1.33313	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=5) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.548 - 1.699	1.65228	1.69923	1.58178	1.68570	1.76974	1.58775
1.398 - 1.548	1.45926	1.52573	1.39941	1.59952	1.75390	1.44021
1.247 - 1.398	1.31729	1.39213	1.24711	1.40250	1.57618	1.26982
1.096 - 1.247	1.17683	1.23466	1.09712	1.25788	1.47303	1.00501
0.945 - 1.096	1.02049	1.09201	0.94772	1.09225	1.24789	0.92436
0.795 - 0.945	0.85888	0.94207	0.79532	0.92247	1.07475	0.80658
0.644 - 0.795	0.69928	0.78560	0.64457	0.75481	1.10033	0.56356
0.493 - 0.644	0.55568	0.62337	0.49549	0.63875	0.97910	0.53405
0.343 - 0.493	0.41435	0.48052	0.34746	0.45308	0.50230	0.38251
0.192 - 0.343	0.26652	0.31317	0.19314	0.27414	0.40910	0.13449
0.041 - 0.192	0.12189	0.18741	0.05079	0.11554	0.27536	0.02169
-0.110 - 0.041	-0.02414	0.03779	-0.10198	-0.04200	0.06892	-0.20528
-0.260 - -0.110	-0.17397	-0.11672	-0.24586	-0.14834	-0.06966	-0.23932
-0.411 - -0.260	-0.30369	-0.26145	-0.37213	-0.32137	-0.20528	-0.45518
-0.562 - -0.411	-0.50063	-0.44246	-0.55691	-0.53425	-0.43832	-0.61896
-0.713 - -0.562	-0.64408	-0.56218	-0.71138	-0.69070	-0.59026	-0.81979
-0.863 - -0.713	-0.78370	-0.72832	-0.83852	-0.84819	-0.72443	-0.94555
-1.014 - -0.863	-0.94928	-0.88508	-1.00881	-1.03831	-0.85936	-1.28949
-1.165 - -1.014	-1.09721	-1.02165	-1.16487	-1.24697	-1.09749	-1.28949
-1.316 - -1.165	-1.22473	-1.16570	-1.31571	-1.28949	-1.28949	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=6) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.564 - 1.717	1.71693	1.71693	1.71693	1.71877	1.71877	1.71877
1.412 - 1.564	1.48464	1.56107	1.42472	1.61308	1.76974	1.44021
1.259 - 1.412	1.33531	1.40600	1.26377	1.41563	1.57618	1.09472
1.107 - 1.259	1.18450	1.25233	1.11202	1.26607	1.41905	1.14827
0.954 - 1.107	1.03778	1.10384	0.95590	1.06546	1.18475	0.92080
0.802 - 0.954	0.89022	0.94994	0.80368	0.97229	1.10175	0.84963
0.649 - 0.802	0.73553	0.78771	0.65681	0.79579	0.97910	0.69707
0.497 - 0.649	0.56246	0.64303	0.50180	0.61012	0.74853	0.45800
0.344 - 0.497	0.44651	0.48371	0.40015	0.51464	0.63374	0.39550
0.191 - 0.344	0.26716	0.32596	0.20186	0.27726	0.40999	0.13449
0.039 - 0.191	0.10608	0.18428	0.04774	0.09751	0.27536	0.02313
-0.114 - 0.039	-0.02577	0.02633	-0.10469	-0.04084	0.15511	-0.23932
-0.266 - -0.114	-0.19458	-0.12354	-0.25964	-0.19623	-0.10535	-0.34726
-0.419 - -0.266	-0.34953	-0.26627	-0.41198	-0.36307	-0.22210	-0.56265
-0.571 - -0.419	-0.49838	-0.44591	-0.54579	-0.53918	-0.43832	-0.61896
-0.724 - -0.571	-0.64277	-0.58366	-0.71257	-0.69505	-0.61896	-0.81979
-0.876 - -0.724	-0.79279	-0.72857	-0.84207	-0.86300	-0.78226	-1.00362
-1.029 - -0.876	-0.97936	-0.88275	-1.02241	-1.05391	-0.99278	-1.15386
-1.182 - -1.029	-1.12826	-1.02906	-1.17926	-1.25830	-0.99278	-1.28949
-1.334 - -1.182	-1.23659	-1.18820	-1.33406	-1.28659	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=^(fold\_=7) Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.500 - 1.649	1.58270	1.64860	1.53981	1.66419	1.75390	1.55847
1.351 - 1.500	1.40928	1.45430	1.35589	1.55862	1.76974	1.44021
1.202 - 1.351	1.28225	1.34383	1.20390	1.36820	1.51224	1.17092
1.053 - 1.202	1.13493	1.20110	1.05747	1.22352	1.37243	1.05422
0.904 - 1.053	0.99135	1.05101	0.91631	1.06162	1.28019	0.92436
0.755 - 0.904	0.83733	0.88905	0.77081	0.89628	1.01762	0.69707
0.607 - 0.755	0.68579	0.75372	0.60813	0.77313	1.10033	0.63431
0.458 - 0.607	0.54189	0.59766	0.45884	0.55791	0.69707	0.19467
0.309 - 0.458	0.37985	0.42432	0.31006	0.40512	0.49138	0.32620
0.160 - 0.309	0.21911	0.30408	0.16416	0.24444	0.32884	0.15511
0.011 - 0.160	0.09274	0.15900	0.01512	0.07334	0.17608	-0.00312
-0.138 - 0.011	-0.05610	0.00973	-0.13436	-0.05377	0.06892	-0.17275
-0.287 - -0.138	-0.20964	-0.13925	-0.27767	-0.20524	-0.06966	-0.39395
-0.436 - -0.287	-0.34025	-0.28922	-0.41500	-0.37359	-0.20528	-0.48554
-0.584 - -0.436	-0.51080	-0.43837	-0.57802	-0.56293	-0.43832	-0.67998
-0.733 - -0.584	-0.65979	-0.61670	-0.72165	-0.68714	-0.64719	-0.78467
-0.882 - -0.733	-0.79980	-0.73557	-0.87741	-0.86183	-0.78226	-1.00362
-1.031 - -0.882	-0.97706	-0.90155	-1.02844	-1.13395	-0.99278	-1.28949
-1.180 - -1.031	-1.12976	-1.03316	-1.17928	-1.26804	-1.09749	-1.28949
-1.329 - -1.180	-1.23953	-1.18875	-1.32881	-1.28646	-1.15607	-1.28949

### Node=End Groups Score Distributions

Group=\_fold\_=8 Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.481 - 1.630	1.55046	1.62958	1.49233	1.65732	1.76974	1.54020
1.332 - 1.481	1.37688	1.45717	1.33383	1.46317	1.72302	1.30574
1.183 - 1.332	1.27205	1.32862	1.18569	1.37907	1.56738	1.25123
1.034 - 1.183	1.11127	1.17711	1.05951	1.22282	1.40996	1.12609
0.886 - 1.034	0.95541	1.01977	0.88735	1.01944	1.17463	0.92080
0.737 - 0.886	0.81723	0.87566	0.76302	0.87662	1.01762	0.72559
0.588 - 0.737	0.66757	0.73654	0.60149	0.71113	0.96579	0.53499
0.439 - 0.588	0.51339	0.58634	0.44507	0.56909	0.69707	0.46525
0.290 - 0.439	0.38093	0.43698	0.29620	0.43039	0.54821	0.30195
0.141 - 0.290	0.22480	0.26875	0.15669	0.25461	0.40910	0.13449
-0.007 - 0.141	0.06144	0.13899	0.00676	0.06247	0.27536	-0.05541
-0.156 - -0.007	-0.09257	-0.04519	-0.15178	-0.09464	0.06892	-0.20528
-0.305 - -0.156	-0.23330	-0.15772	-0.29840	-0.26294	-0.14766	-0.43832
-0.454 - -0.305	-0.38243	-0.30972	-0.43588	-0.39304	-0.25587	-0.48554
-0.603 - -0.454	-0.53497	-0.45406	-0.60216	-0.57501	-0.43832	-0.65828
-0.751 - -0.603	-0.68689	-0.60555	-0.74957	-0.72290	-0.62105	-0.81979
-0.900 - -0.751	-0.81385	-0.76520	-0.87577	-0.87509	-0.78467	-0.99278
-1.049 - -0.900	-0.97955	-0.91834	-1.03810	-1.12880	-0.99278	-1.28949
-1.198 - -1.049	-1.14417	-1.07299	-1.19176	-1.27755	-1.15386	-1.28949
-1.347 - -1.198	-1.25138	-1.20681	-1.34668	-1.28556	-1.15607	-1.28949

## Node=End Groups Score Distributions

Group=\_OVERALL\_ Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.474 - 1.621	1.54108	1.62098	1.47651	1.66466	1.72302	1.57618
1.328 - 1.474	1.38433	1.46256	1.33043	1.40922	1.76974	0.19467
1.181 - 1.328	1.24138	1.31775	1.18350	1.31734	1.50424	1.09472
1.035 - 1.181	1.09850	1.17747	1.04794	1.19519	1.37243	1.00501
0.888 - 1.035	0.95536	1.01551	0.89958	0.98340	1.10033	0.69707
0.741 - 0.888	0.80999	0.87471	0.74330	0.88809	1.07475	0.70134
0.595 - 0.741	0.66201	0.73654	0.59576	0.64951	1.65900	-1.28949
0.448 - 0.595	0.52955	0.59213	0.45901	0.51370	0.69707	-0.81979
0.302 - 0.448	0.38326	0.44249	0.30408	0.35270	1.55847	-1.21974
0.155 - 0.302	0.21098	0.28846	0.15601	0.17495	1.09472	-0.80052
0.009 - 0.155	0.08951	0.13899	0.01488	0.15132	1.75390	-1.28949
-0.138 - 0.009	-0.03842	0.00282	-0.10198	-0.05589	0.94185	-1.28949
-0.285 - -0.138	-0.20460	-0.14039	-0.27383	-0.37188	0.72559	-1.28949
-0.431 - -0.285	-0.34923	-0.29840	-0.42128	-0.36022	0.30195	-1.28949
-0.578 - -0.431	-0.50170	-0.44842	-0.57661	-0.39669	0.98128	-0.64719
-0.724 - -0.578	-0.64059	-0.57802	-0.71260	-0.68828	-0.59026	-0.94555
-0.871 - -0.724	-0.80718	-0.72832	-0.87025	-0.80872	-0.06966	-1.04326
-1.018 - -0.871	-0.95661	-0.87741	-1.01400	-1.08419	-0.94555	-1.28949
-1.164 - -1.018	-1.11000	-1.02165	-1.16400	-1.24851	-1.04326	-1.28949
-1.311 - -1.164	-1.22321	-1.16570	-1.31079	-1.28711	-1.15607	-1.28949

## Node=End Groups Summary

Group Index	Group	Frequency Count
1	^(fold_=1)	353
2	^(fold_=2)	346
3	^(fold_=3)	345
4	^(fold_=4)	354
5	^(fold_=5)	341
6	^(fold_=6)	339
7	^(fold_=7)	329
8	^(fold_=8)	344

## SAS Enterprise Miner Report

### Node=Model Import GradBoost Tuned 1 Summary

Node id = Mdllmp11  
 Node label = Model Import GradBoost Tuned 1  
 Meta path = Ids => Trans => Grp12 => Boost2 => EndGrp12 => Mdllmp11  
 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_Slaapstoornissen_imp_IT	
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 Tuned 1 Model Fit Statistics

Target=BC\_RQ\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.362	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	1.879	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.602	.	.
Sum of Squared Errors	142.444	.	.

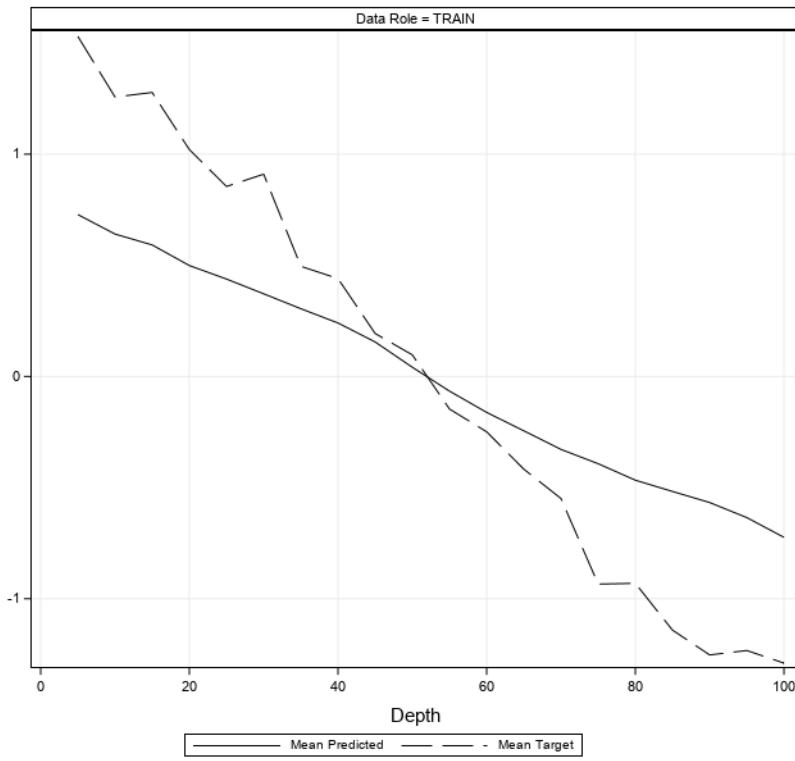
**SAS Enterprise Miner Report**

Node=Model Import GradBoost Tuned 1

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

Mean Predicted

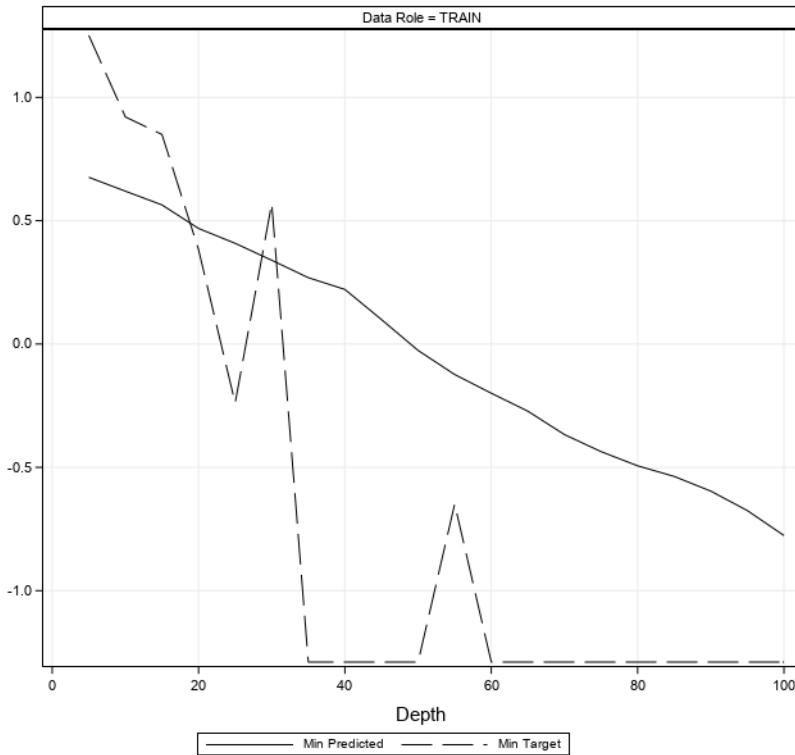
**SAS Enterprise Miner Report**

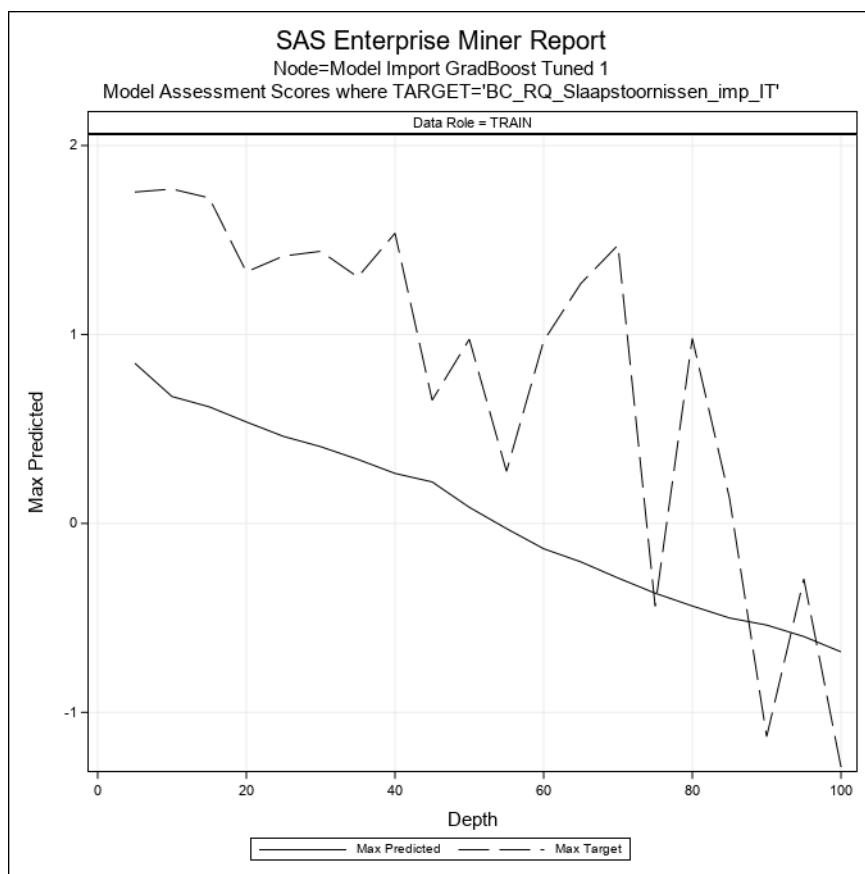
Node=Model Import GradBoost Tuned 1

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

Min Predicted







### Node=Model Import GradBoost Tuned 1

#### Score Distributions

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
0.766 - 0.848	0.79516	0.84766	0.76960	1.61181	1.71877	1.55847
0.685 - 0.766	0.70495	0.72249	0.68664	1.51584	1.75390	1.27739
0.604 - 0.685	0.63911	0.68334	0.60469	1.29743	1.76974	0.92080
0.523 - 0.604	0.57038	0.60228	0.53096	1.22911	1.72302	0.84963
0.442 - 0.523	0.47682	0.51623	0.44234	0.89937	1.28019	-0.23932
0.360 - 0.442	0.40311	0.44112	0.36235	0.97524	1.44021	0.60419
0.279 - 0.360	0.32181	0.35726	0.27926	0.50180	1.30384	-1.28949
0.198 - 0.279	0.24261	0.27891	0.20875	0.48025	1.53572	-1.28949
0.117 - 0.198	0.15272	0.19352	0.11714	0.27099	0.63374	-0.17275
0.036 - 0.117	0.07148	0.11224	0.04275	0.08294	0.97484	-1.28949
-0.046 - 0.036	-0.00510	0.03383	-0.04390	-0.10031	0.32884	-0.64884
-0.127 - -0.046	-0.07866	-0.04795	-0.12364	-0.12395	0.27536	-0.61896
-0.208 - -0.127	-0.16382	-0.13392	-0.20347	-0.24293	0.96579	-1.28949
-0.289 - -0.208	-0.24896	-0.21116	-0.28879	-0.45001	1.26982	-1.28949
-0.370 - -0.289	-0.33565	-0.28954	-0.37023	-0.58644	1.47303	-1.28949
-0.452 - -0.370	-0.40933	-0.37213	-0.44865	-0.93447	-0.43944	-1.28949
-0.533 - -0.452	-0.49741	-0.45859	-0.53143	-1.05465	0.97910	-1.28949
-0.614 - -0.533	-0.56948	-0.53333	-0.61325	-1.23811	-0.65100	-1.28949
-0.695 - -0.614	-0.65407	-0.62127	-0.69437	-1.23809	-0.29355	-1.28949
-0.776 - -0.695	-0.74151	-0.70894	-0.77638	-1.28949	-1.28949	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import GradBoost Tuned 3 Summary

Node id = Mdllmp2  
 Node label = Model Import GradBoost Tuned 3  
 Meta path = Ids => Trans => Grp3 => Boost5 => EndGrp3 => Mdllmp2  
 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_Slaapstoornissen_imp_IT	
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 Tuned 3 Model Fit Statistics

Target=BC\_RQ\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

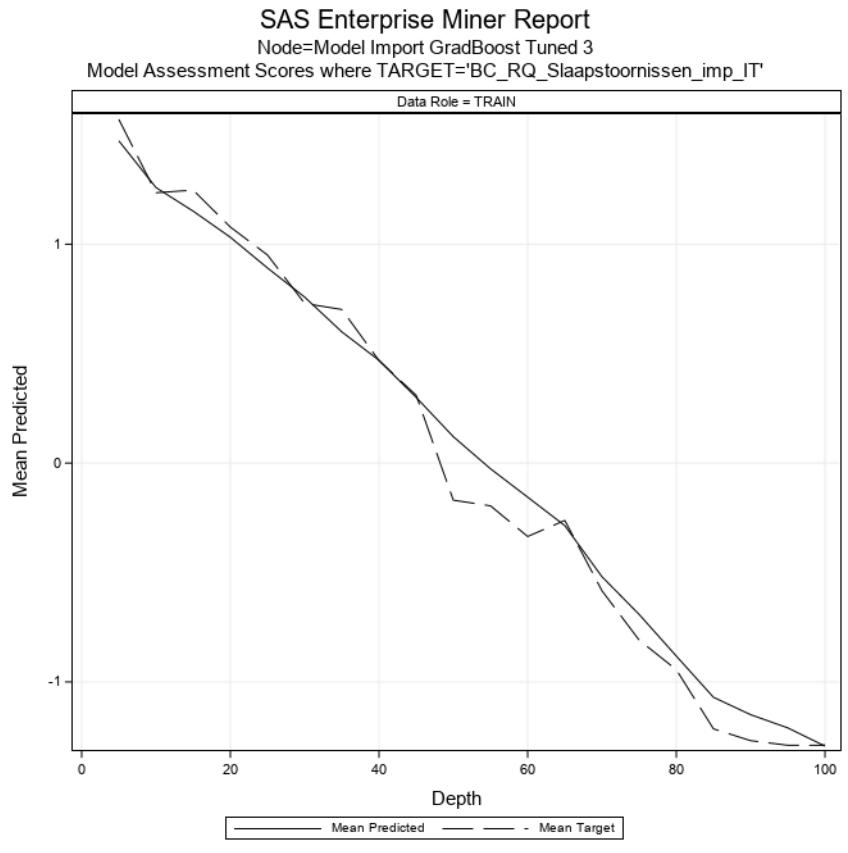
Label of Statistic	Train	Validation	Test
Average Squared Error	0.118	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.600	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.343	.	.
Sum of Squared Errors	46.203	.	.

**SAS Enterprise Miner Report**

Node=Model Import GradBoost Tuned 3

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

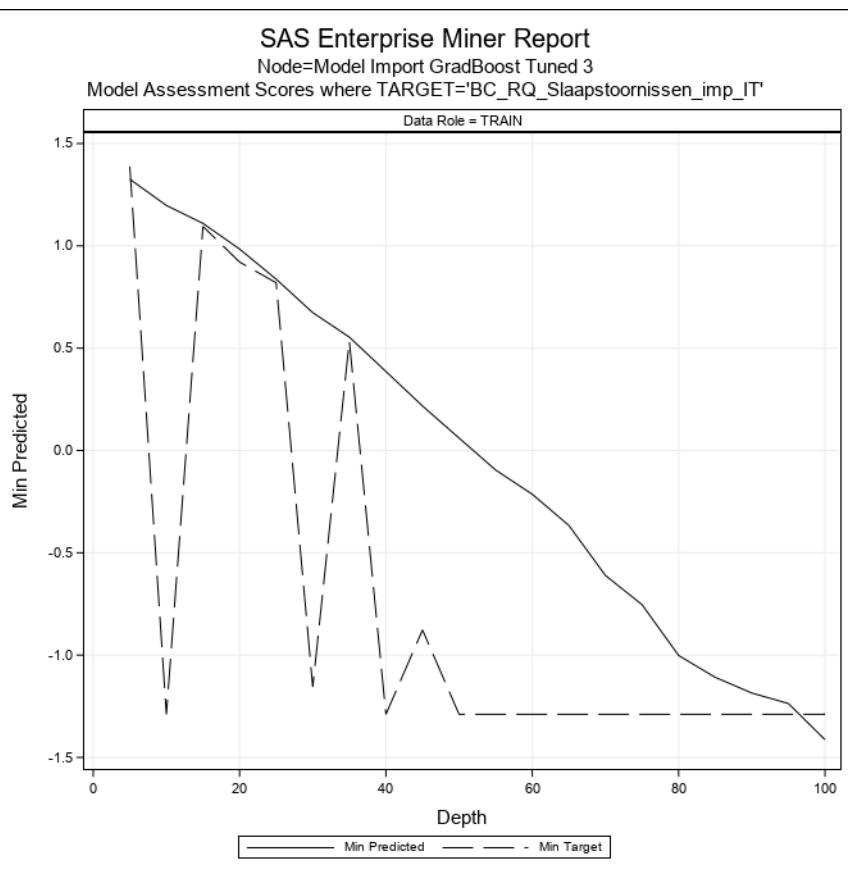
Data Role = TRAIN

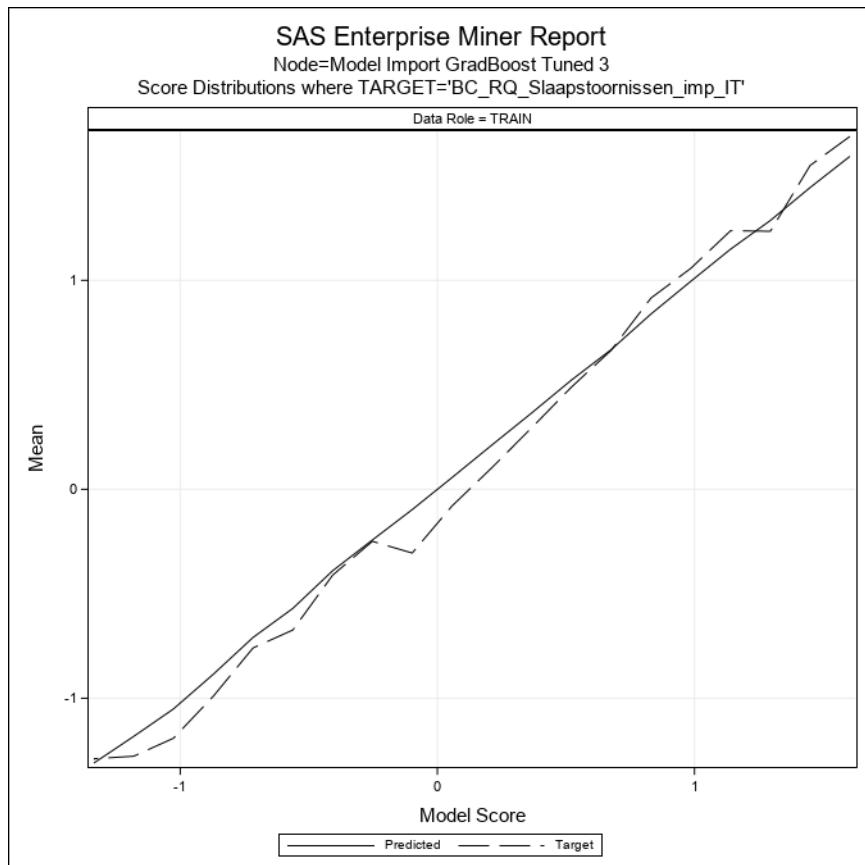
**SAS Enterprise Miner Report**

Node=Model Import GradBoost Tuned 3

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN







### Node=Model Import GradBoost Tuned 3

#### Score Distributions

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.527 - 1.682	1.59350	1.68187	1.54659	1.68886	1.76974	1.55847
1.372 - 1.527	1.44432	1.52601	1.38127	1.54990	1.75390	1.44021
1.218 - 1.372	1.28645	1.33899	1.23103	1.23489	1.50263	-1.28949
1.063 - 1.218	1.14919	1.21026	1.06391	1.23735	1.50424	0.92436
0.908 - 1.063	0.99522	1.05683	0.91351	1.05734	1.25802	0.92080
0.753 - 0.908	0.83883	0.90727	0.77053	0.91519	1.04222	0.81948
0.599 - 0.753	0.66843	0.73720	0.60948	0.66531	1.66657	-1.15607
0.444 - 0.599	0.52249	0.59472	0.44482	0.48878	1.12609	-1.28949
0.289 - 0.444	0.36497	0.43311	0.30840	0.29404	1.65900	-0.87727
0.134 - 0.289	0.21146	0.28101	0.13479	0.10293	1.68187	-1.28949
-0.021 - 0.134	0.05605	0.12012	-0.01685	-0.08004	0.27536	-1.28949
-0.175 - -0.021	-0.09721	-0.03133	-0.17057	-0.30505	-0.00312	-1.28949
-0.330 - -0.175	-0.24265	-0.18739	-0.32808	-0.24903	1.13678	-1.28949
-0.485 - -0.330	-0.38998	-0.34253	-0.46758	-0.41121	-0.14766	-0.56265
-0.640 - -0.485	-0.57012	-0.50814	-0.63847	-0.67358	-0.39395	-1.28949
-0.794 - -0.640	-0.70917	-0.63985	-0.77830	-0.75936	-0.19723	-1.28949
-0.949 - -0.794	-0.88555	-0.80425	-0.94144	-0.99090	-0.70002	-1.28949
-1.104 - -0.949	-1.05134	-0.95572	-1.09827	-1.19150	-0.65683	-1.28949
-1.259 - -1.104	-1.18283	-1.10397	-1.25219	-1.27754	-1.12813	-1.28949
-1.413 - -1.259	-1.31034	-1.27349	-1.41337	-1.28949	-1.28949	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import GradBoost Summary

Node id = Mdllmp10  
 Node label = Model Import GradBoost  
 Meta path = Ids => Trans => Grp11 => Boost3 => EndGrp11 => Mdllmp10  
 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_Slaapstoornissen_imp_IT	
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 Model Fit Statistics

Target=BC\_RQ\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.142	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.367	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.376	.	.
Sum of Squared Errors	55.625	.	.

### SAS Enterprise Miner Report

Node=Model Import GradBoost

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

Mean Predicted

1

0

-1

0 20 40 60 80 100

Depth

Mean Predicted - Mean Target

### SAS Enterprise Miner Report

Node=Model Import GradBoost

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

Min Predicted

1.0

0.5

0.0

-0.5

-1.0

0 20 40 60 80 100

Depth

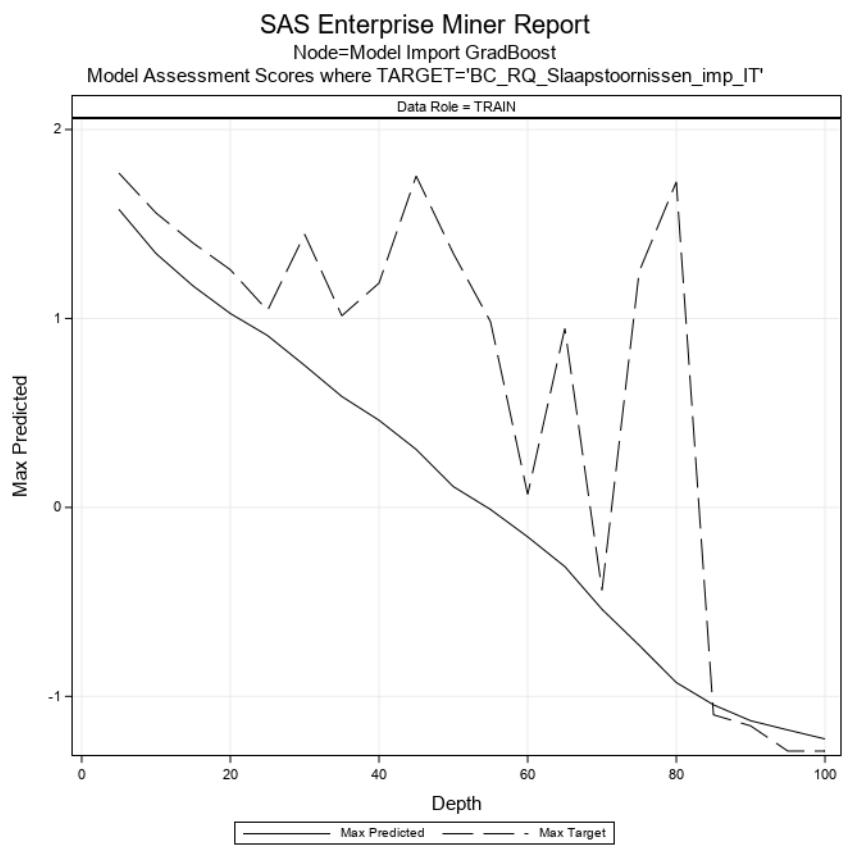
Min Predicted - Min Target

### SAS Enterprise Miner Report

Node=Model Import GradBoost

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

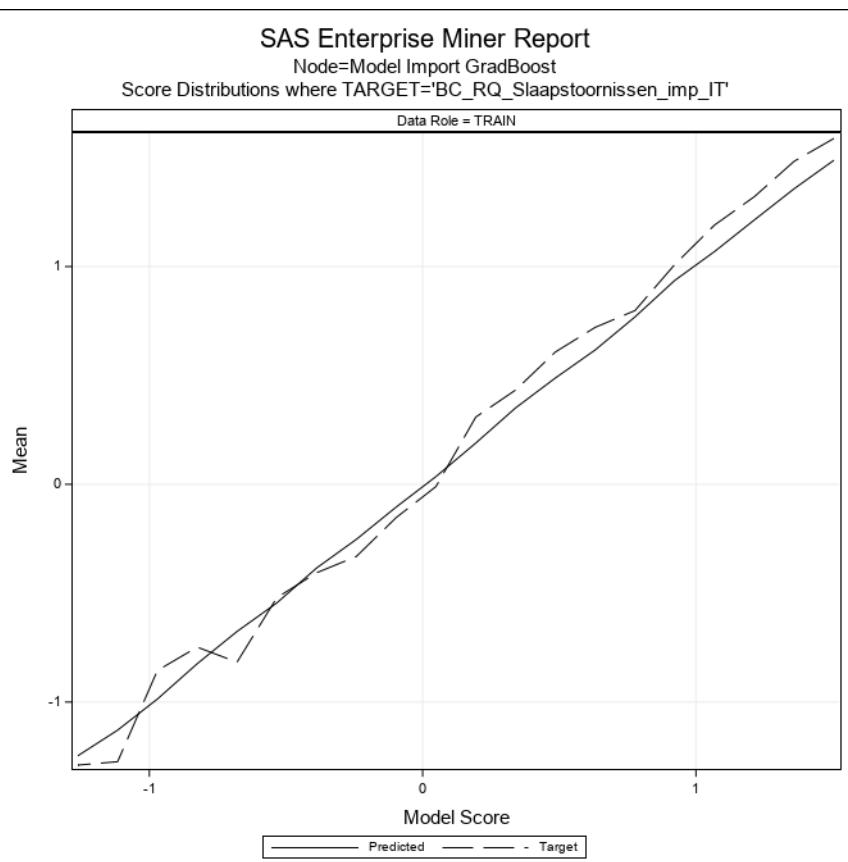


### SAS Enterprise Miner Report

Node=Model Import GradBoost

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN





### **Node=Model Import GradBoost**

#### **Score Distributions**

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.432 - 1.578	1.48837	1.57763	1.43763	1.58860	1.76974	0.97127
1.286 - 1.432	1.35745	1.42763	1.28725	1.48344	1.66657	1.33085
1.141 - 1.286	1.21417	1.28417	1.15257	1.32102	1.51224	1.17092
0.995 - 1.141	1.06909	1.13542	1.00587	1.19074	1.39890	0.92436
0.850 - 0.995	0.93645	0.98941	0.85672	1.00946	1.17463	0.84963
0.704 - 0.850	0.76871	0.83452	0.70988	0.79779	1.13678	-0.43832
0.558 - 0.704	0.61698	0.69801	0.55969	0.72076	1.44567	0.19467
0.413 - 0.558	0.48833	0.54176	0.43626	0.60773	1.01455	0.38251
0.267 - 0.413	0.35088	0.41140	0.27177	0.43296	1.18714	-0.78226
0.122 - 0.267	0.18951	0.24949	0.12987	0.30880	1.75390	-1.28949
-0.024 - 0.122	0.03564	0.11963	-0.02085	-0.01018	1.34442	-0.99278
-0.170 - -0.024	-0.10440	-0.03581	-0.15555	-0.15280	0.98308	-1.28949
-0.315 - -0.170	-0.25261	-0.18236	-0.31329	-0.33118	0.06892	-1.28949
-0.461 - -0.315	-0.38437	-0.31580	-0.45977	-0.40632	-0.19723	-0.61896
-0.606 - -0.461	-0.54488	-0.46767	-0.59899	-0.52058	0.94731	-0.78226
-0.752 - -0.606	-0.67588	-0.60834	-0.74870	-0.81685	-0.64719	-1.28949
-0.898 - -0.752	-0.82396	-0.76576	-0.89095	-0.74789	1.24789	-1.28949
-1.043 - -0.898	-0.98606	-0.90340	-1.04252	-0.85487	1.72302	-1.28949
-1.189 - -1.043	-1.12899	-1.04469	-1.18802	-1.27397	-1.09749	-1.28949
-1.334 - -1.189	-1.24678	-1.18965	-1.33436	-1.28949	-1.28949	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import Neural one Summary

Node id = Mdllmp5  
 Node label = Model Import Neural one  
 Meta path = Ids => Trans => Grp6 => HPNNA3 => EndGrp6 => Mdllmp5  
 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_Slaapstoornissen_imp_IT	
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 one Model Fit Statistics

Target=BC\_RQ\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

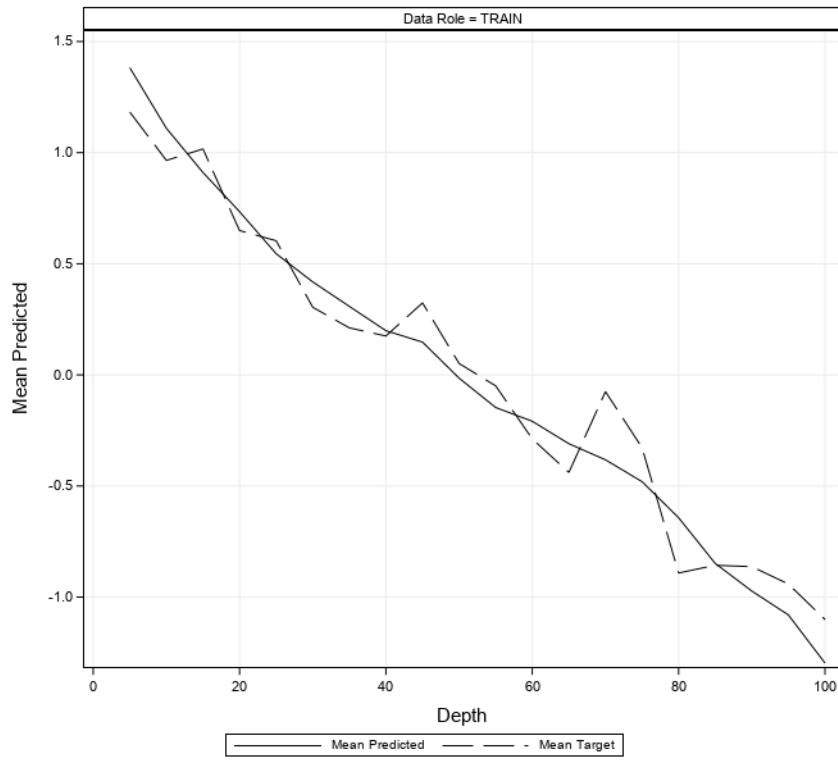
Label of Statistic	Train	Validation	Test
Average Squared Error	0.467	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.197	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.683	.	.
Sum of Squared Errors	183.569	.	.

### SAS Enterprise Miner Report

Node=Model Import Neural one

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

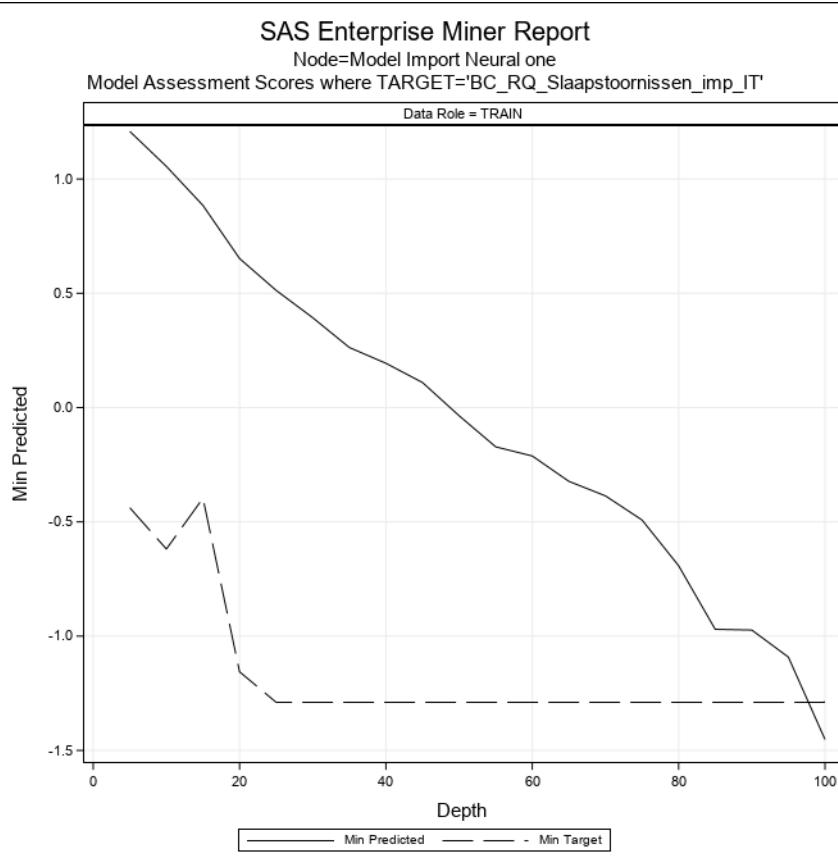


### SAS Enterprise Miner Report

Node=Model Import Neural one

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Model Import Neural one

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Model Import Neural one

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN




**Node=Model Import Neural one**
**Score Distributions**

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.921 - 2.099	2.01997	2.09895	1.94099	1.00461	1.31700	0.69221
1.566 - 1.744	1.68136	1.68136	1.68136	1.68187	1.68187	1.68187
1.389 - 1.566	1.50193	1.54020	1.42042	1.34932	1.75390	0.94388
1.211 - 1.389	1.27474	1.38226	1.21482	1.28369	1.65900	1.00501
1.034 - 1.211	1.14255	1.20818	1.05516	0.93502	1.58775	-0.61896
0.856 - 1.034	0.90626	0.98185	0.86760	1.03319	1.72302	-0.39643
0.679 - 0.856	0.73590	0.78787	0.69302	0.50616	1.50263	-0.87727
0.501 - 0.679	0.56953	0.65202	0.51273	0.59428	1.65891	-1.28949
0.324 - 0.501	0.41071	0.48279	0.38441	0.25061	1.28763	-1.28949
0.146 - 0.324	0.21091	0.27567	0.17258	0.24824	1.76974	-1.28949
-0.032 - 0.146	0.06795	0.12283	-0.02172	0.45274	1.51224	-1.28949
-0.209 - -0.032	-0.11642	-0.03574	-0.20300	-0.13110	1.70423	-1.28949
-0.387 - -0.209	-0.30164	-0.21175	-0.38635	-0.28846	1.47303	-1.28949
-0.564 - -0.387	-0.48593	-0.39447	-0.52725	-0.44055	1.34442	-1.28949
-0.742 - -0.564	-0.65728	-0.58424	-0.71536	-0.84505	1.01455	-1.28949
-0.919 - -0.742	-0.84916	-0.84532	-0.86907	-0.88053	0.91001	-1.28949
-1.097 - -0.919	-1.01864	-0.97015	-1.09186	-0.89060	1.10033	-1.28949
-1.274 - -1.097	-1.12343	-1.12340	-1.12344	-1.23015	-0.99278	-1.28949
-1.452 - -1.274	-1.36901	-1.29664	-1.45185	-1.04650	0.06892	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import DMNeural Summary

Node id = Mdllmp4  
 Node label = Model Import DMNeural  
 Meta path = Ids => Trans => Grp5 => DMNeural2 => EndGrp5 => Mdllmp4  
 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_Slaapstoornissen_imp_IT	
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	

### Node=Model Import DMNeural Model Fit Statistics

Target=BC\_RQ\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.713	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.340	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.845	.	.
Sum of Squared Errors	280.338	.	.

**SAS Enterprise Miner Report**

Node=Model Import DMNeural

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

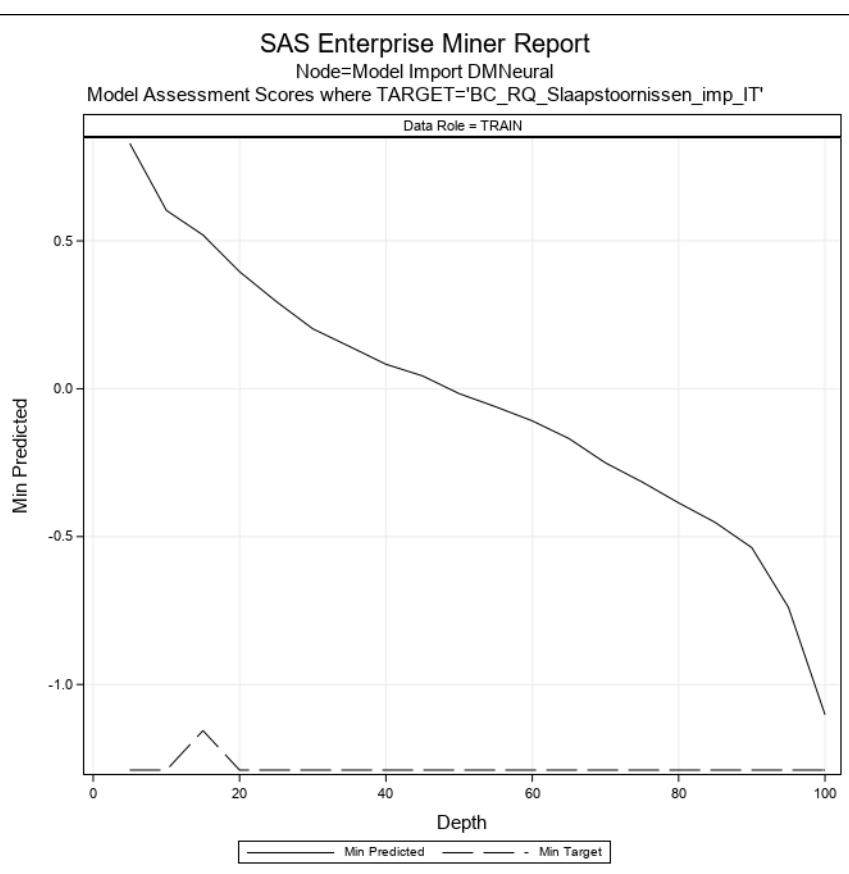
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Model Import DMNeural

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN



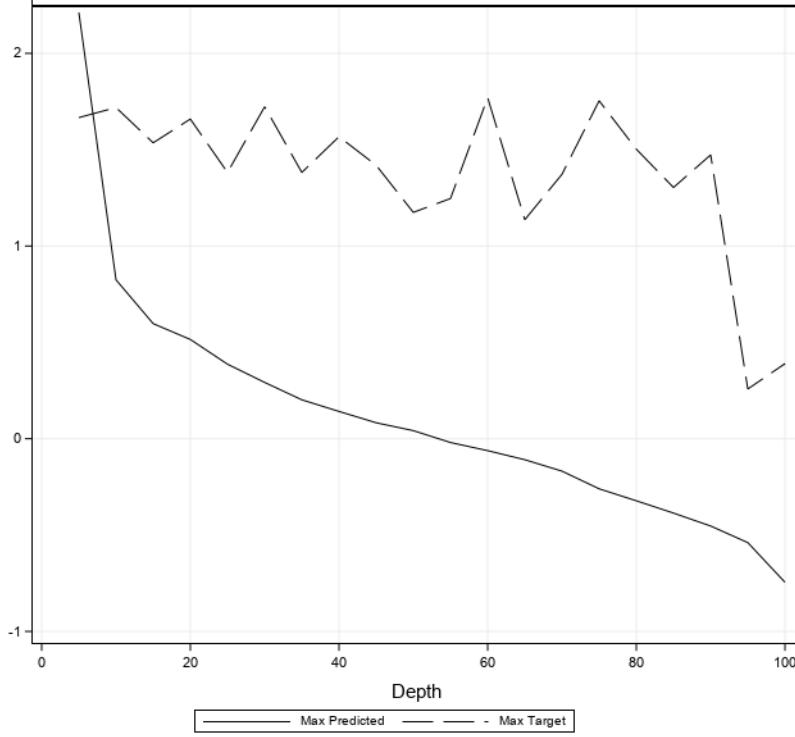
### SAS Enterprise Miner Report

Node=Model Import DMNeural

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

Max Predicted



Depth

— Max Predicted — - Max Target

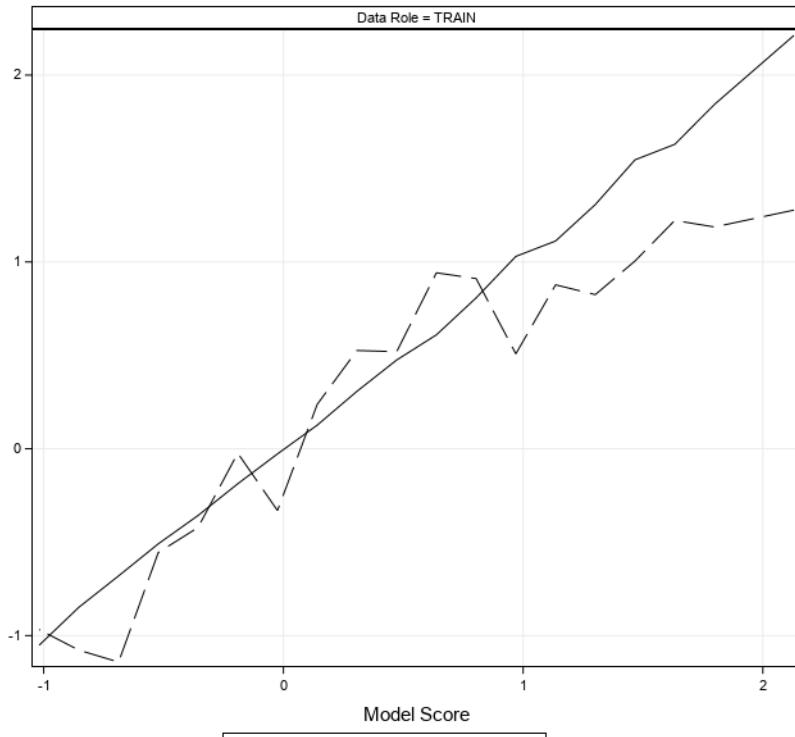
### SAS Enterprise Miner Report

Node=Model Import DMNeural

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

Mean



Model Score

— Predicted — - Target



### Node=Model Import DMNeural

#### Score Distributions

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.047 - 2.212	2.21245	2.21245	2.21245	1.27739	1.27739	1.27739
1.715 - 1.881	1.84318	1.84318	1.84318	1.18714	1.18714	1.18714
1.550 - 1.715	1.62933	1.63827	1.61524	1.22207	1.57618	1.02403
1.384 - 1.550	1.54654	1.54654	1.54654	1.00501	1.00501	1.00501
1.218 - 1.384	1.30702	1.34164	1.27240	0.82497	0.92436	0.72559
1.052 - 1.218	1.11189	1.14397	1.08159	0.87741	1.58775	-0.06281
0.887 - 1.052	1.02960	1.05041	0.99831	0.50813	1.48303	-1.28949
0.721 - 0.887	0.80752	0.87275	0.73183	0.91088	1.66657	-0.43832
0.555 - 0.721	0.60965	0.68821	0.55606	0.94181	1.71877	-1.28949
0.390 - 0.555	0.47503	0.55451	0.39581	0.51942	1.65900	-1.28949
0.224 - 0.390	0.30736	0.38681	0.22476	0.52594	1.70423	-1.28949
0.058 - 0.224	0.12634	0.20280	0.05857	0.23748	1.72302	-1.28949
-0.108 - 0.058	-0.02762	0.05552	-0.10561	-0.33079	1.76974	-1.28949
-0.273 - -0.108	-0.18747	-0.10863	-0.27239	-0.02340	1.75390	-1.28949
-0.439 - -0.273	-0.35737	-0.27375	-0.43662	-0.42146	1.50263	-1.28949
-0.605 - -0.439	-0.50888	-0.44996	-0.59765	-0.55542	1.47303	-1.28949
-0.771 - -0.605	-0.68065	-0.61077	-0.75332	-1.14187	0.25804	-1.28949
-0.936 - -0.771	-0.84862	-0.77906	-0.90318	-1.07792	0.38961	-1.28949
-1.102 - -0.936	-1.05194	-1.00190	-1.10197	-0.96834	-0.64719	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import Regression LASSO Summary

Node id = Mdllmp8  
 Node label = Model Import Regression LASSO  
 Meta path = Ids => Trans => Grp9 => HPReg4 => EndGrp9 => Mdllmp8  
 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_Slaapstoornissen_imp_IT	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	12	ASItot_imp_IT BAQtot_imp_IT IAS_illness_behav_imp_IT NEO_C_imp_IT NEO_E_imp_IT NEO_N_imp_IT PASStot_imp_IT PCCLint_imp_IT PHQ9dep_imp_IT PTSDtotaal_imp_IT TOTAL_nr_XVAL_	
INPUT	NOMINAL	1	classification	
ID	NOMINAL	1	subject	

### Node=Model Import Regression LASSO Model Fit Statistics

Target=BC\_RQ\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.780	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.254	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.883	.	.
Sum of Squared Errors	306.443	.	.

**SAS Enterprise Miner Report**

Node=Model Import Regression LASSO

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

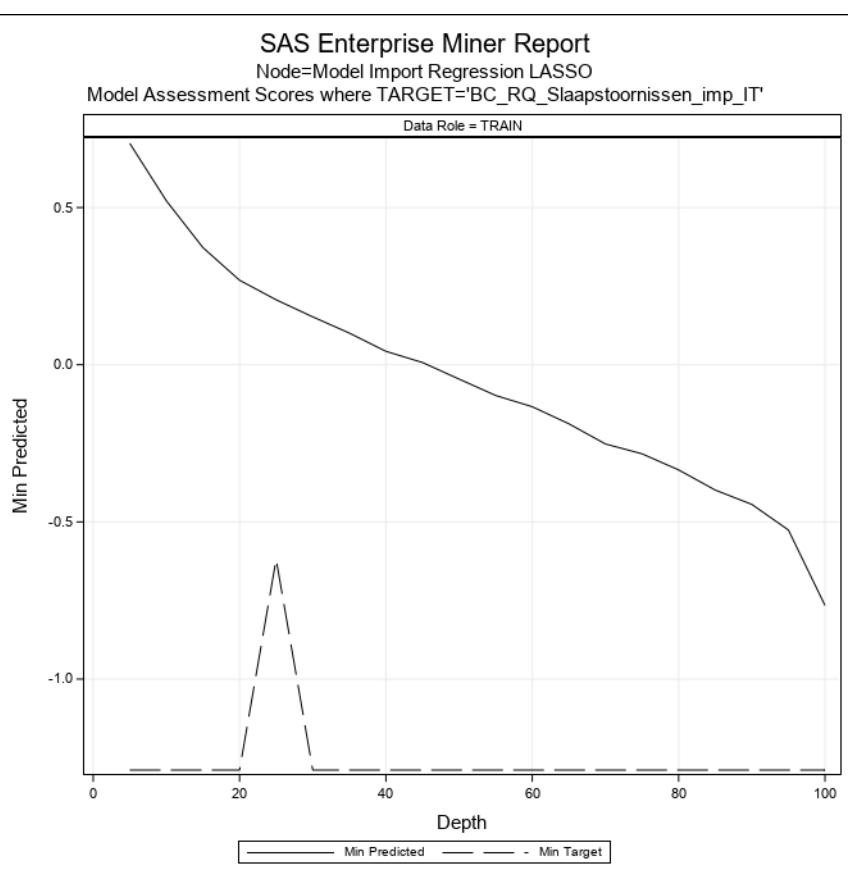
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Model Import Regression LASSO

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

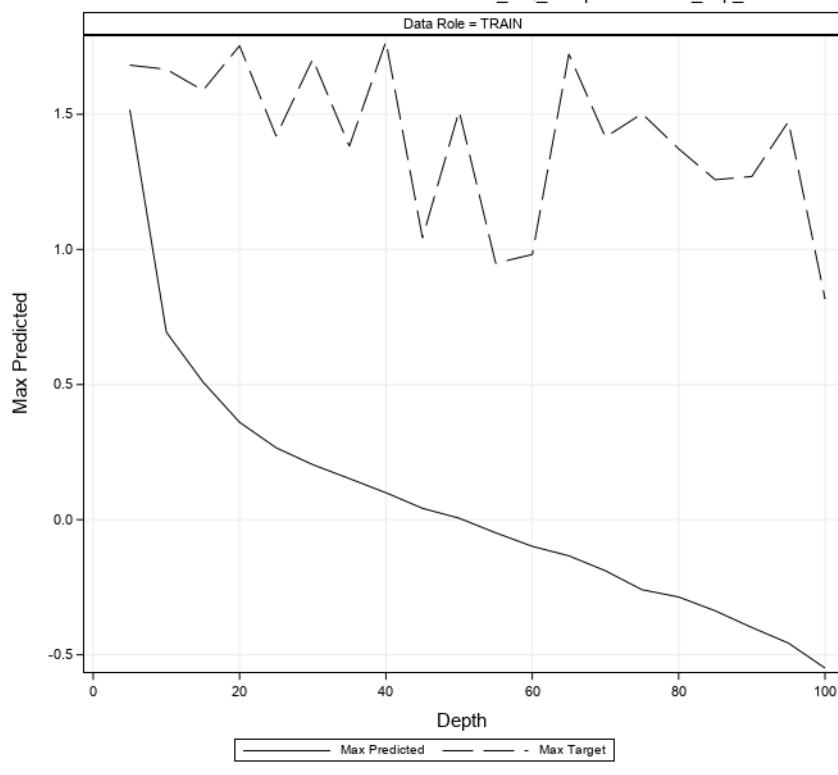
Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Model Import Regression LASSO

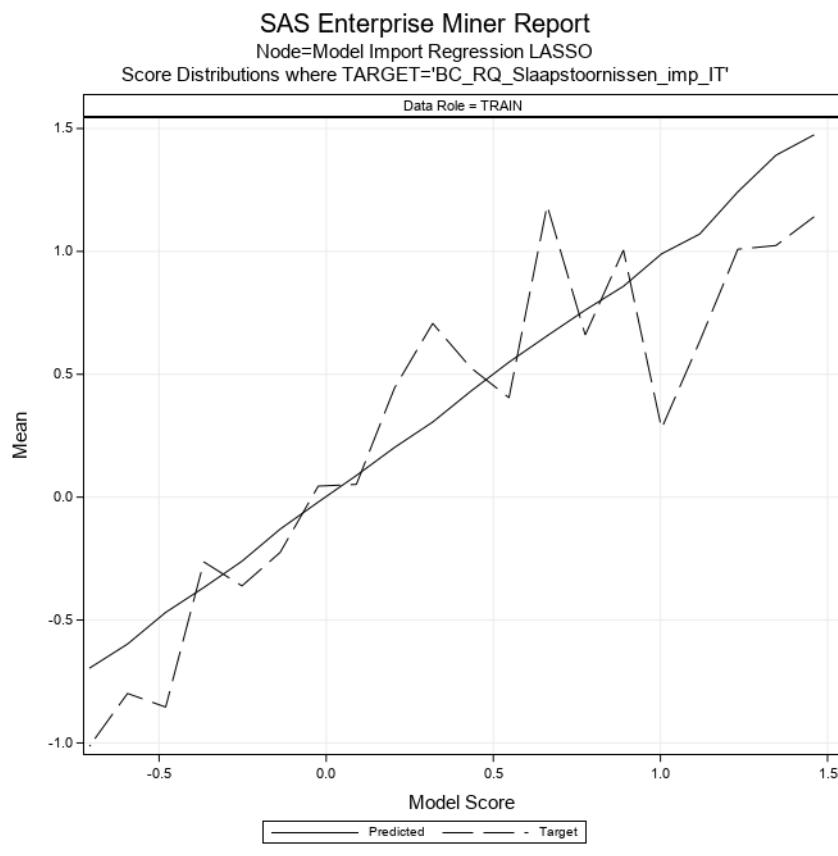
Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'



### SAS Enterprise Miner Report

Node=Model Import Regression LASSO

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'





**Node=Model Import Regression LASSO**  
**Score Distributions**

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.403 - 1.517	1.47452	1.51702	1.43202	1.14120	1.27739	1.00501
1.289 - 1.403	1.39145	1.39145	1.39145	1.02403	1.02403	1.02403
1.175 - 1.289	1.24241	1.27263	1.21248	1.00887	1.58775	0.53499
1.060 - 1.175	1.07070	1.07070	1.07070	0.63431	0.63431	0.63431
0.946 - 1.060	0.99004	1.04376	0.96434	0.27958	1.55847	-1.28949
0.832 - 0.946	0.85813	0.87797	0.84714	1.00527	1.68187	0.02169
0.718 - 0.832	0.76132	0.79651	0.73961	0.65993	1.39890	-1.15607
0.604 - 0.718	0.65651	0.70396	0.61425	1.18694	1.66657	0.38251
0.490 - 0.604	0.54935	0.60311	0.49144	0.40460	1.65900	-1.28949
0.376 - 0.490	0.43117	0.48661	0.38211	0.52647	1.58841	-1.28949
0.262 - 0.376	0.30564	0.37241	0.26455	0.70713	1.75390	-1.28949
0.147 - 0.262	0.20232	0.25648	0.15166	0.44434	1.70423	-1.28949
0.033 - 0.147	0.08822	0.14715	0.03822	0.05201	1.76974	-1.28949
-0.081 - 0.033	-0.01988	0.03286	-0.08049	0.04499	1.51224	-1.28949
-0.195 - -0.081	-0.13017	-0.08170	-0.19146	-0.22507	1.72302	-1.28949
-0.309 - -0.195	-0.26064	-0.19680	-0.30907	-0.36101	1.50263	-1.28949
-0.423 - -0.309	-0.36763	-0.31207	-0.42058	-0.26341	1.37243	-1.28949
-0.537 - -0.423	-0.46889	-0.42481	-0.52572	-0.85412	1.47303	-1.28949
-0.652 - -0.537	-0.59761	-0.54921	-0.64472	-0.79873	0.81745	-1.28949
-0.766 - -0.652	-0.69613	-0.66255	-0.76570	-1.01349	0.13394	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import Tree Summary

Node id = MdImp  
 Node label = Model Import Tree  
 Meta path = Ids => Trans => Grp => Tree2 => 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_Slaapstoornissen_imp_IT	
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\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

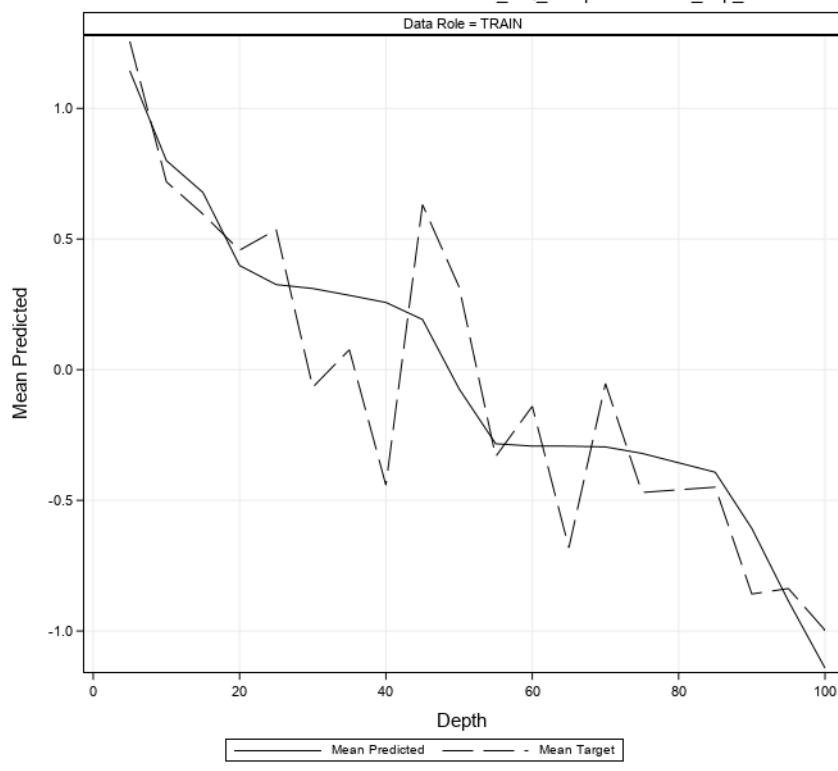
Label of Statistic	Train	Validation	Test
Average Squared Error	0.733	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.223	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.856	.	.
Sum of Squared Errors	288.219	.	.

### SAS Enterprise Miner Report

Node=Model Import Tree

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

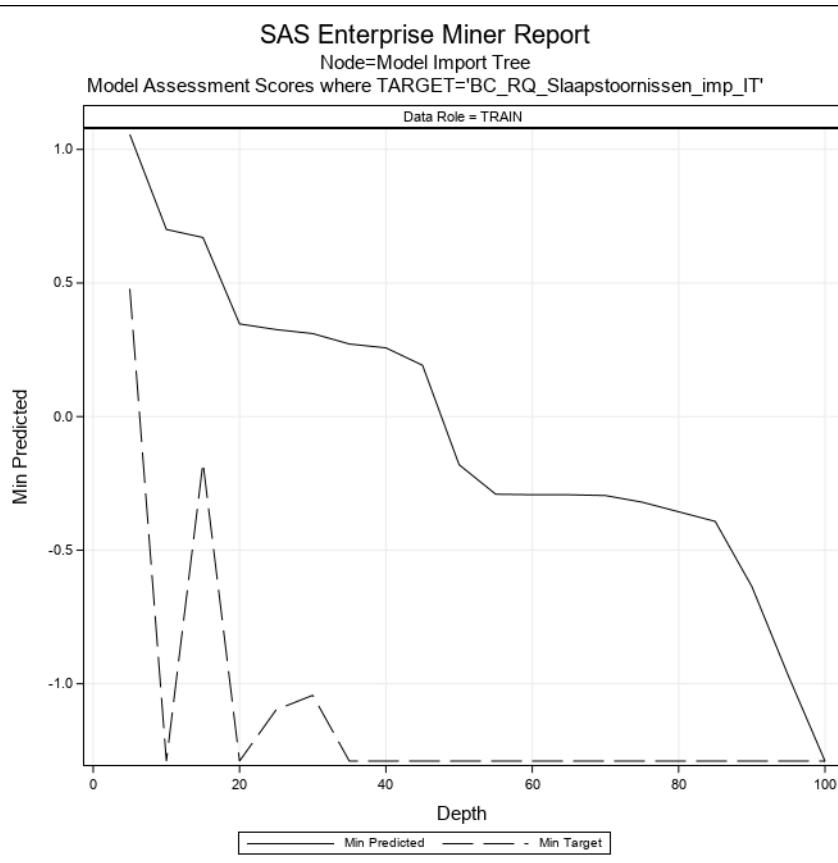


### SAS Enterprise Miner Report

Node=Model Import Tree

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

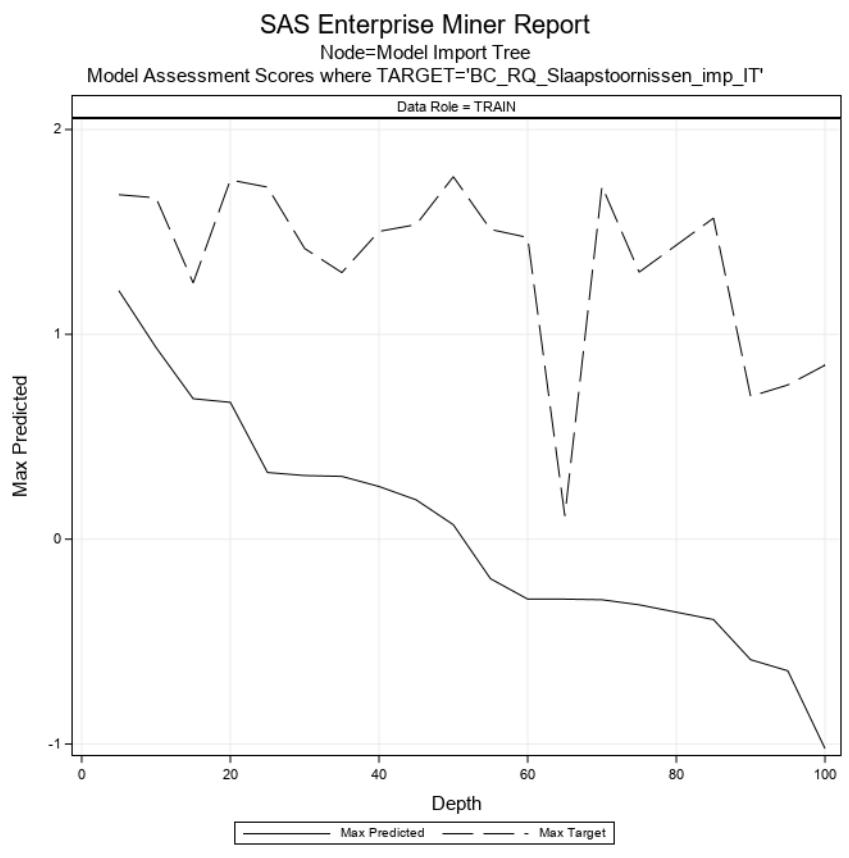


### SAS Enterprise Miner Report

Node=Model Import Tree

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Model Import Tree

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN





**Node=Model Import Tree**  
**Score Distributions**

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.088 - 1.213	1.16226	1.21344	1.09266	1.31798	1.68187	0.88680
0.963 - 1.088	1.05625	1.05625	1.05625	0.96335	1.38199	0.47843
0.838 - 0.963	0.89999	0.93596	0.86517	0.86862	1.66657	-0.15701
0.588 - 0.713	0.69354	0.70054	0.66811	0.56018	1.44021	-1.28949
0.463 - 0.588	0.48165	0.52553	0.47538	0.26568	1.40996	-1.28949
0.337 - 0.463	0.34858	0.35714	0.34687	0.52468	1.75390	-1.28949
0.212 - 0.337	0.29293	0.32571	0.25729	0.08414	1.71877	-1.28949
0.087 - 0.212	0.19214	0.19214	0.19214	0.63180	1.53572	-1.28949
-0.038 - 0.087	-0.00460	0.07060	-0.02389	0.29174	1.65900	-1.28949
-0.163 - -0.038	-0.13640	-0.12441	-0.15104	-0.07707	1.28763	-1.28949
-0.288 - -0.163	-0.18326	-0.18004	-0.19292	0.15215	1.76974	-1.28949
-0.413 - -0.288	-0.31537	-0.29058	-0.39238	-0.32222	1.72302	-1.28949
-0.664 - -0.539	-0.61157	-0.58830	-0.64602	-0.78890	0.75303	-1.28949
-0.789 - -0.664	-0.72455	-0.72455	-0.72455	-0.78226	-0.78226	-0.78226
-0.914 - -0.789	-0.86153	-0.79950	-0.90612	-0.92476	-0.06966	-1.28949
-1.039 - -0.914	-0.97922	-0.97051	-1.02189	-0.91109	-0.20528	-1.28949
-1.164 - -1.039	-1.07431	-1.06661	-1.10509	-0.64907	0.84963	-1.28949
-1.289 - -1.164	-1.22448	-1.17330	-1.28949	-1.22299	-0.82397	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import Regression stepwise Summary

Node id = MdImp7  
 Node label = Model Import Regression stepwise  
 Meta path = Ids => Trans => Grp8 => HPReg3 => EndGrp8 => MdImp7  
 Notes =

### Node=Model Import Regression stepwise Properties

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

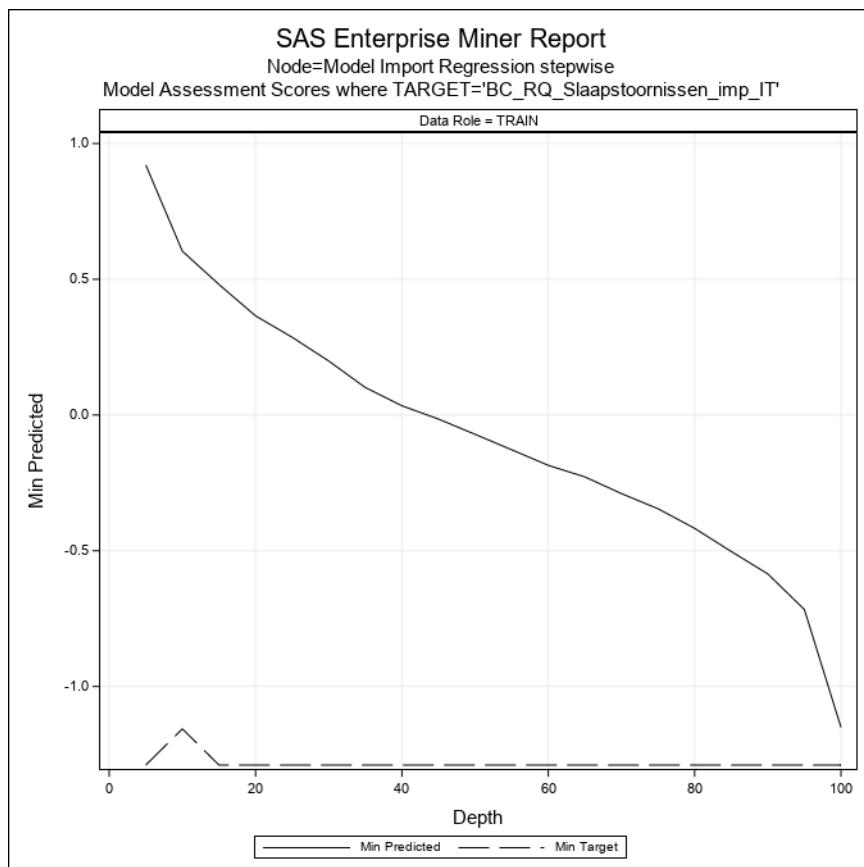
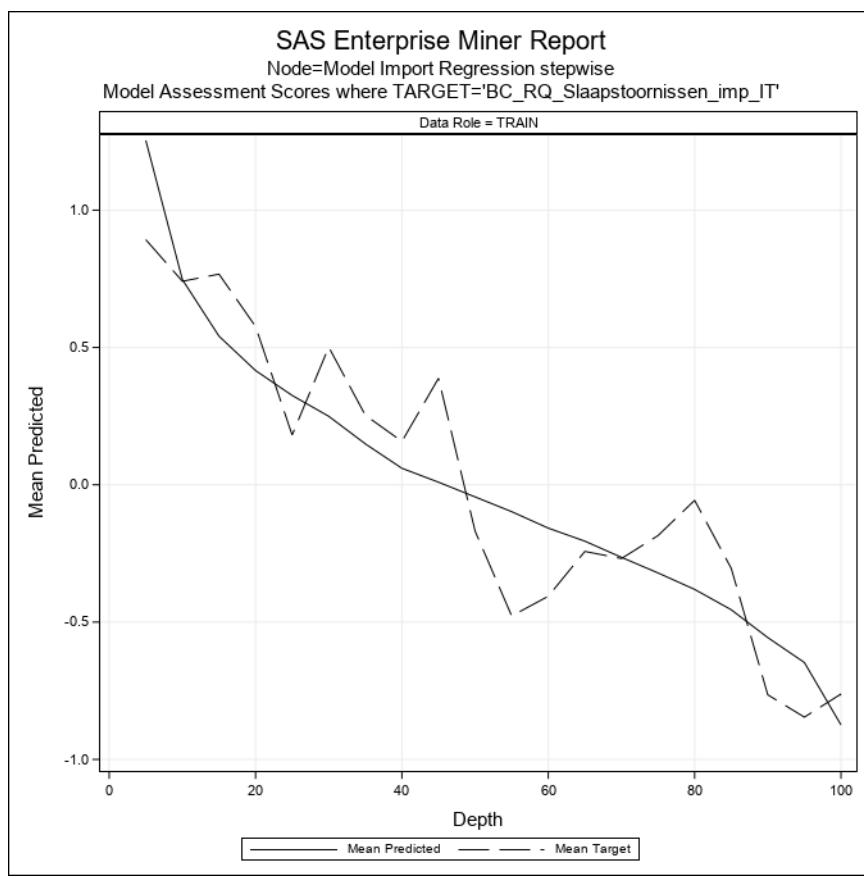
### Node=Model Import Regression stepwise Variable Summary

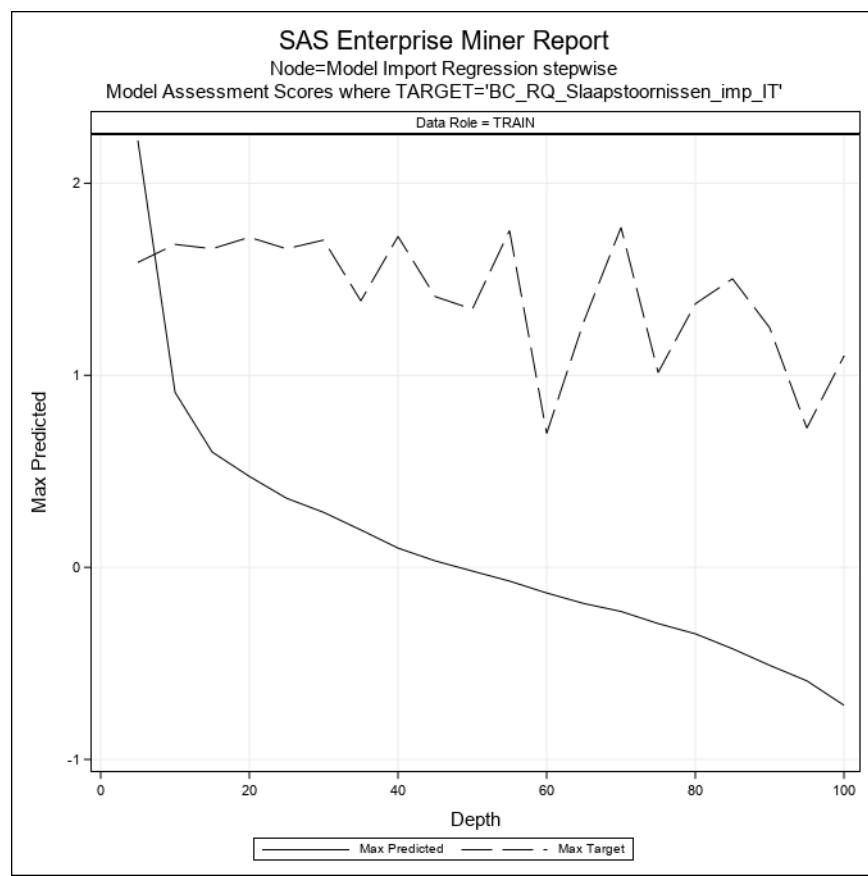
Role	Level	Frequency		Name
		Count	Name	
TARGET	INTERVAL	1	BC_RQ_Slaapstoornissen_imp_IT	
SEGMENT	INTERVAL	1	_fold_	
INPUT	INTERVAL	9	ASItot_imp_IT BAQtot_imp_IT NEO_C_imp_IT NEO_N_imp_IT PASStot_imp_IT PHQ9dep_imp_IT PTSDtotaal_imp_IT VSItot_imp_IT _XVAL_	
INPUT	NOMINAL	1	classification	
ID	NOMINAL	1	subject	

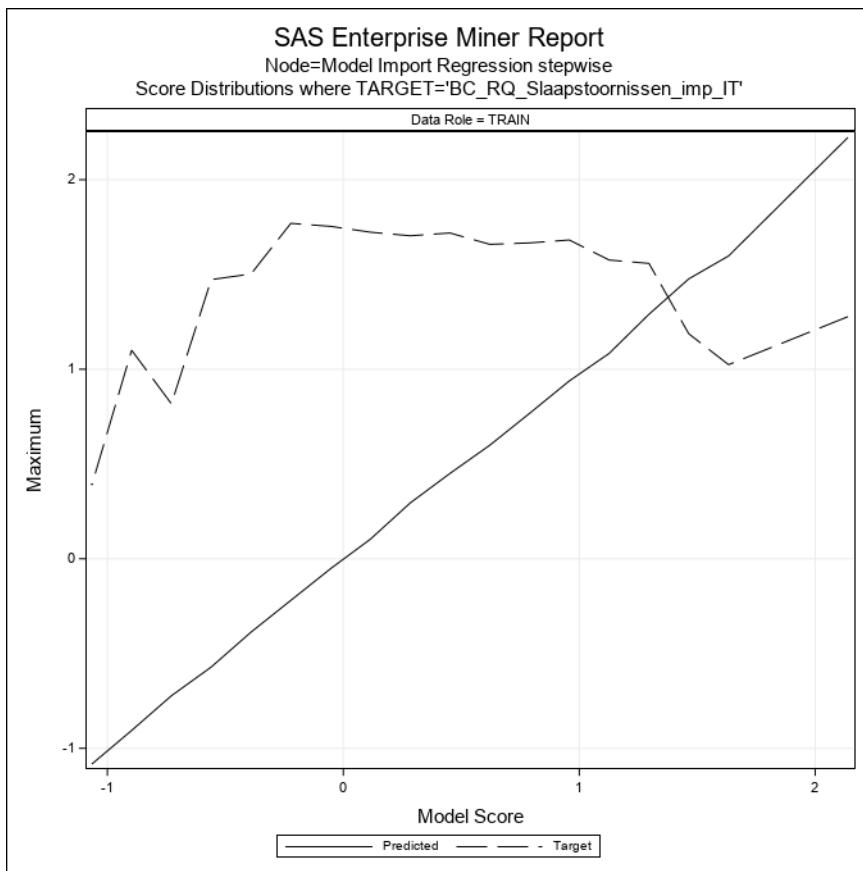
### Node=Model Import Regression stepwise Model Fit Statistics

Target=BC\_RQ\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

Label of Statistic	Train	Validation	Test
Average Squared Error	0.763	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.305	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.874	.	.
Sum of Squared Errors	299.952	.	.







**Node=Model Import Regression stepwise**  
**Score Distributions**

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
2.054 - 2.223	2.22312	2.22312	2.22312	1.27739	1.27739	1.27739
1.548 - 1.717	1.59765	1.66506	1.56156	0.88778	1.02403	0.63431
1.380 - 1.548	1.47679	1.52924	1.42435	1.12658	1.18714	1.06602
1.211 - 1.380	1.28998	1.34748	1.23302	1.19877	1.55847	0.72559
1.042 - 1.211	1.08362	1.15117	1.04840	0.64764	1.57618	-1.28949
0.874 - 1.042	0.93852	1.02184	0.87427	0.94236	1.68187	-0.43832
0.705 - 0.874	0.76730	0.87177	0.70765	0.88496	1.66657	-1.15607
0.536 - 0.705	0.59897	0.67379	0.54717	0.68233	1.65900	-1.28949
0.368 - 0.536	0.45046	0.53407	0.36850	0.52641	1.71877	-1.28949
0.199 - 0.368	0.29448	0.36729	0.22219	0.36498	1.70423	-1.28949
0.030 - 0.199	0.10341	0.19888	0.03151	0.26239	1.72302	-1.28949
-0.138 - 0.030	-0.05217	0.02513	-0.13635	-0.17196	1.75390	-1.28949
-0.307 - -0.138	-0.21956	-0.14201	-0.30377	-0.29542	1.76974	-1.28949
-0.476 - -0.307	-0.38710	-0.30711	-0.46848	-0.14698	1.50263	-1.28949
-0.644 - -0.476	-0.57113	-0.49369	-0.63350	-0.70288	1.47303	-1.28949
-0.813 - -0.644	-0.72270	-0.64536	-0.80943	-0.88506	0.81745	-1.28949
-0.982 - -0.813	-0.90584	-0.83595	-0.96956	-0.74943	1.10033	-1.28949
-1.150 - -0.982	-1.08322	-1.02845	-1.15028	-0.72979	0.38961	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import Neural two Summary

Node id = Mdllmp6  
 Node label = Model Import Neural two  
 Meta path = Ids => Trans => Grp7 => HPNNA4 => EndGrp7 => Mdllmp6  
 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_Slaapstoornissen_imp_IT	
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\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

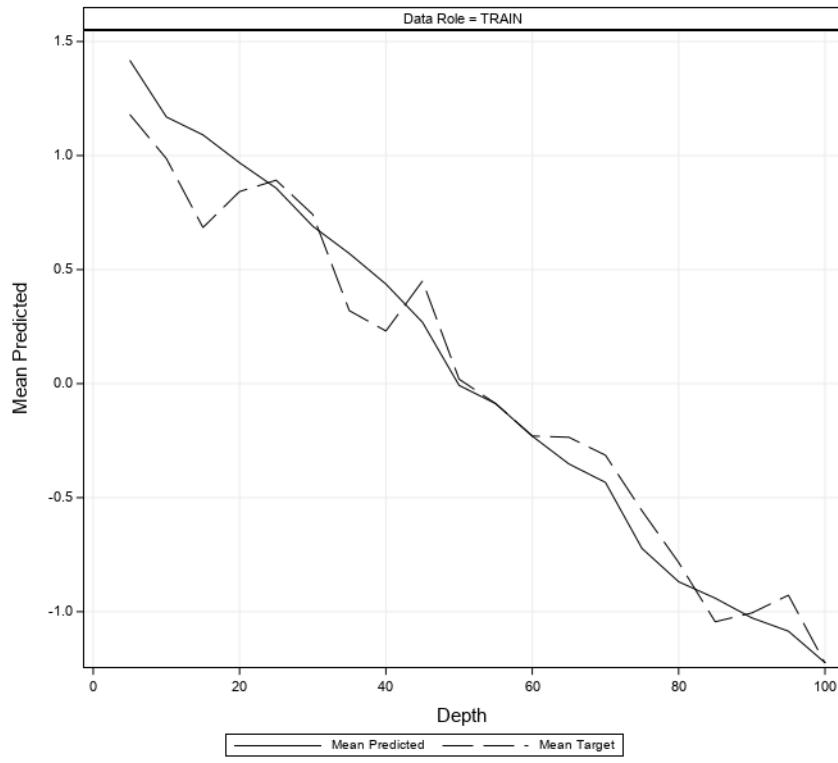
Label of Statistic	Train	Validation	Test
Average Squared Error	0.423	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.181	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.650	.	.
Sum of Squared Errors	166.140	.	.

### SAS Enterprise Miner Report

Node=Model Import Neural two

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

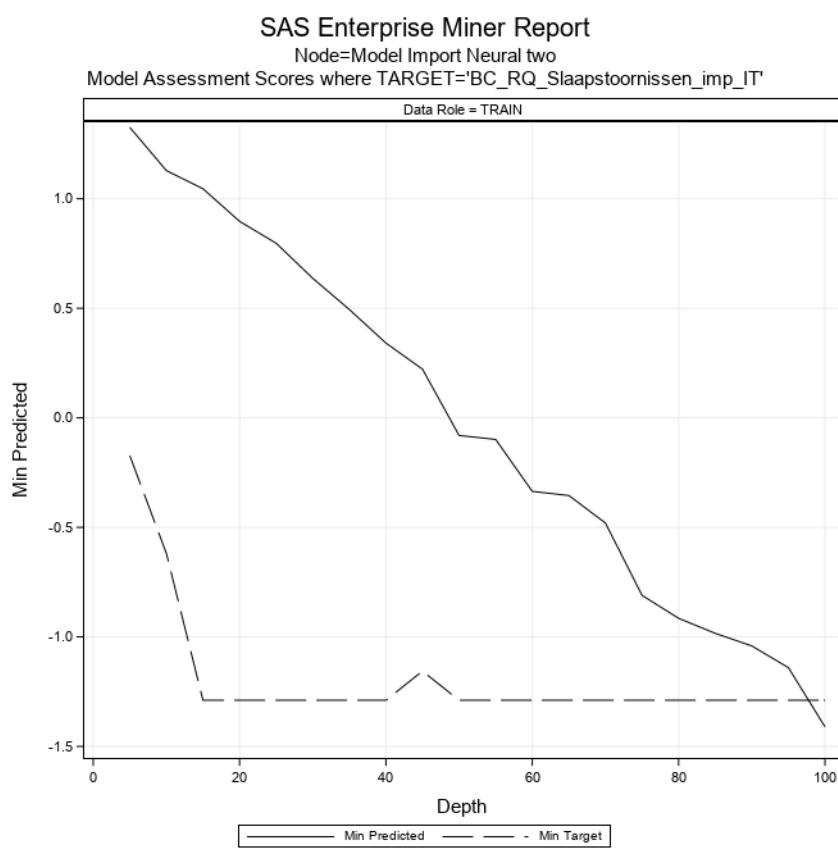


### SAS Enterprise Miner Report

Node=Model Import Neural two

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Model Import Neural two

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN



### SAS Enterprise Miner Report

Node=Model Import Neural two

Score Distributions where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN





### **Node=Model Import Neural two**

#### **Score Distributions**

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.674 - 1.837	1.76369	1.83658	1.70971	1.61725	1.72302	1.40996
1.349 - 1.512	1.43864	1.49862	1.37302	1.46817	1.56738	1.38199
1.187 - 1.349	1.30392	1.33931	1.20233	1.05709	1.75390	-0.17275
1.025 - 1.187	1.10369	1.18274	1.03947	0.84817	1.68187	-1.28949
0.862 - 1.025	0.92587	1.00052	0.87268	0.74394	1.76974	-1.28949
0.700 - 0.862	0.76889	0.83946	0.70149	0.93484	1.44021	0.04568
0.538 - 0.700	0.60685	0.68155	0.55367	0.37920	1.55847	-1.28949
0.375 - 0.538	0.45668	0.52229	0.39029	0.23397	1.17463	-1.28949
0.213 - 0.375	0.28075	0.37365	0.22200	0.45021	1.39890	-1.15607
0.051 - 0.213	0.11847	0.20415	0.05905	0.09812	0.17516	0.04568
-0.112 - 0.051	-0.06736	0.04699	-0.10954	-0.04493	1.41905	-1.28949
-0.274 - -0.112	-0.19522	-0.11743	-0.27280	-0.29054	0.62051	-1.28949
-0.437 - -0.274	-0.34975	-0.30776	-0.39548	-0.27214	1.26982	-1.28949
-0.599 - -0.437	-0.49685	-0.48018	-0.57431	-0.20652	1.50263	-1.28949
-0.761 - -0.599	-0.73862	-0.70240	-0.75765	-0.73370	0.27536	-1.28949
-0.924 - -0.761	-0.85509	-0.78394	-0.91610	-0.76847	0.81948	-1.28949
-1.086 - -0.924	-1.00440	-0.92943	-1.07008	-0.99126	0.32884	-1.28949
-1.248 - -1.086	-1.15544	-1.10183	-1.24009	-1.14072	0.02169	-1.28949
-1.411 - -1.248	-1.31615	-1.26910	-1.41072	-1.28949	-1.28949	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import GradBoost Tuned 2 Summary

Node id = Mdllmp9  
 Node label = Model Import GradBoost Tuned 2  
 Meta path = Ids => Trans => Grp2 => Boost4 => EndGrp2 => Mdllmp9  
 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_Slaapstoornissen_imp_IT	
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\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

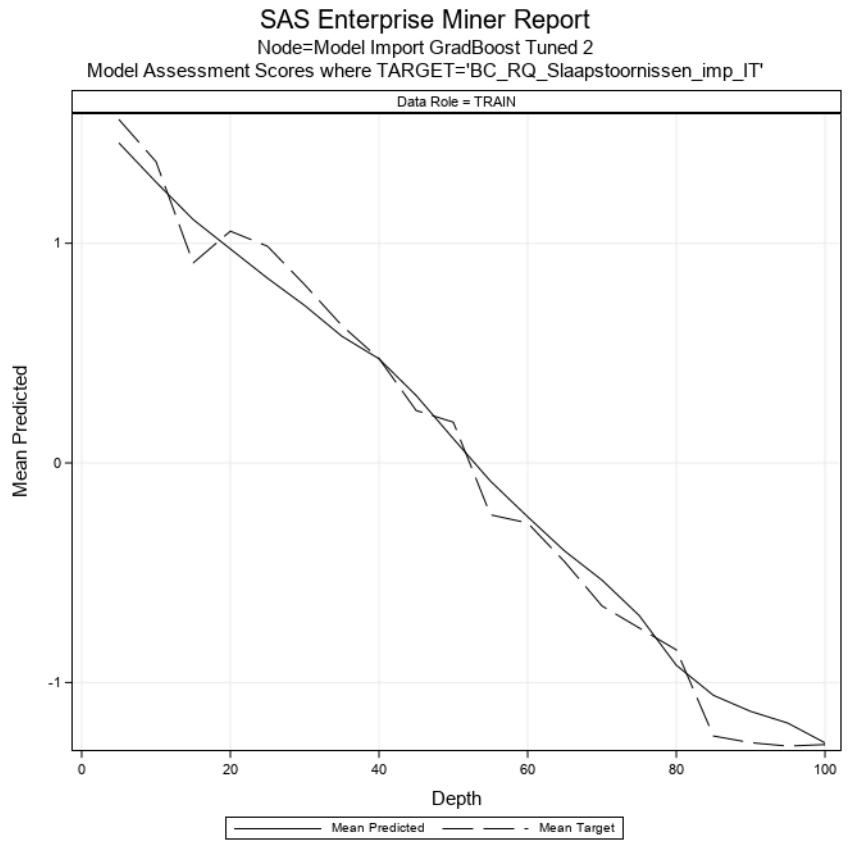
Label of Statistic	Train	Validation	Test
Average Squared Error	0.154	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.643	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.392	.	.
Sum of Squared Errors	60.431	.	.

**SAS Enterprise Miner Report**

Node=Model Import GradBoost Tuned 2

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN

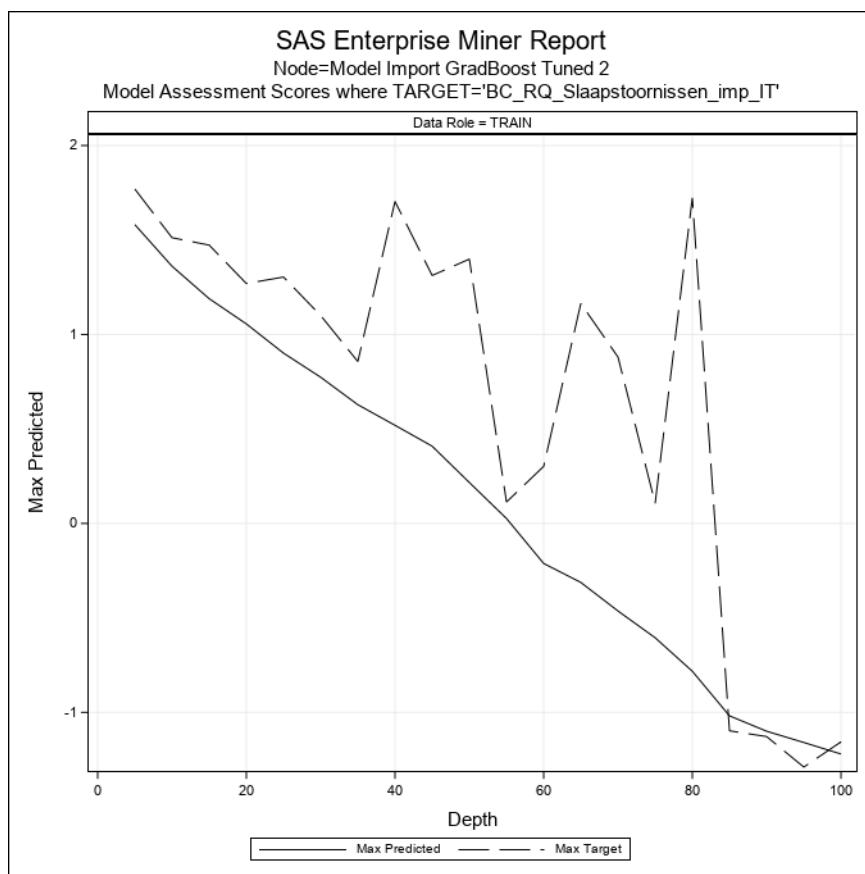
**SAS Enterprise Miner Report**

Node=Model Import GradBoost Tuned 2

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN







### Node=Model Import GradBoost Tuned 2

#### Score Distributions

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.435 - 1.581	1.49985	1.58127	1.43741	1.58191	1.76974	1.01455
1.288 - 1.435	1.37073	1.43298	1.29818	1.47174	1.68187	1.29103
1.141 - 1.288	1.21470	1.28584	1.15778	1.32470	1.51224	1.14337
0.995 - 1.141	1.06699	1.13935	0.99461	0.89060	1.47303	-1.28949
0.848 - 0.995	0.91510	0.99192	0.84823	1.05914	1.30384	0.84963
0.701 - 0.848	0.77041	0.84735	0.70780	0.89175	1.25802	0.69221
0.555 - 0.701	0.61453	0.70038	0.55700	0.67279	0.96579	-0.11173
0.408 - 0.555	0.48347	0.54731	0.40878	0.51001	1.70423	-1.28949
0.261 - 0.408	0.32061	0.39296	0.26622	0.16841	1.31225	-1.28949
0.115 - 0.261	0.17761	0.25093	0.11802	0.22587	0.98128	-0.02880
-0.032 - 0.115	0.06647	0.11309	-0.00560	0.04413	1.39890	-1.28949
-0.179 - -0.032	-0.10195	-0.03971	-0.16477	-0.20071	0.06892	-1.28949
-0.325 - -0.179	-0.24932	-0.19054	-0.32083	-0.27520	0.30195	-1.28949
-0.472 - -0.325	-0.41693	-0.34184	-0.47051	-0.50548	1.16447	-1.28949
-0.619 - -0.472	-0.55400	-0.48289	-0.61766	-0.61006	0.88044	-1.28949
-0.765 - -0.619	-0.68703	-0.62400	-0.76065	-0.75052	-0.64719	-0.94555
-0.912 - -0.765	-0.80729	-0.76875	-0.87727	-0.90528	-0.65100	-1.28949
-1.059 - -0.912	-0.99961	-0.91939	-1.05754	-0.99400	1.72302	-1.28949
-1.205 - -1.059	-1.13502	-1.05887	-1.20375	-1.27629	-1.09749	-1.28949
-1.352 - -1.205	-1.26690	-1.21475	-1.35208	-1.28342	-1.15607	-1.28949

## SAS Enterprise Miner Report

### Node=Model Import GradBoost Tuned 4 Summary

Node id = Mdllmp3  
 Node label = Model Import GradBoost Tuned 4  
 Meta path = Ids => Trans => Grp4 => Boost6 => EndGrp4 => Mdllmp3  
 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_Slaapstoornissen_imp_IT	
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\_Slaapstoornissen\_imp\_IT Target Label=ReQuest (sleep subscale) (Box-Cox transformed)

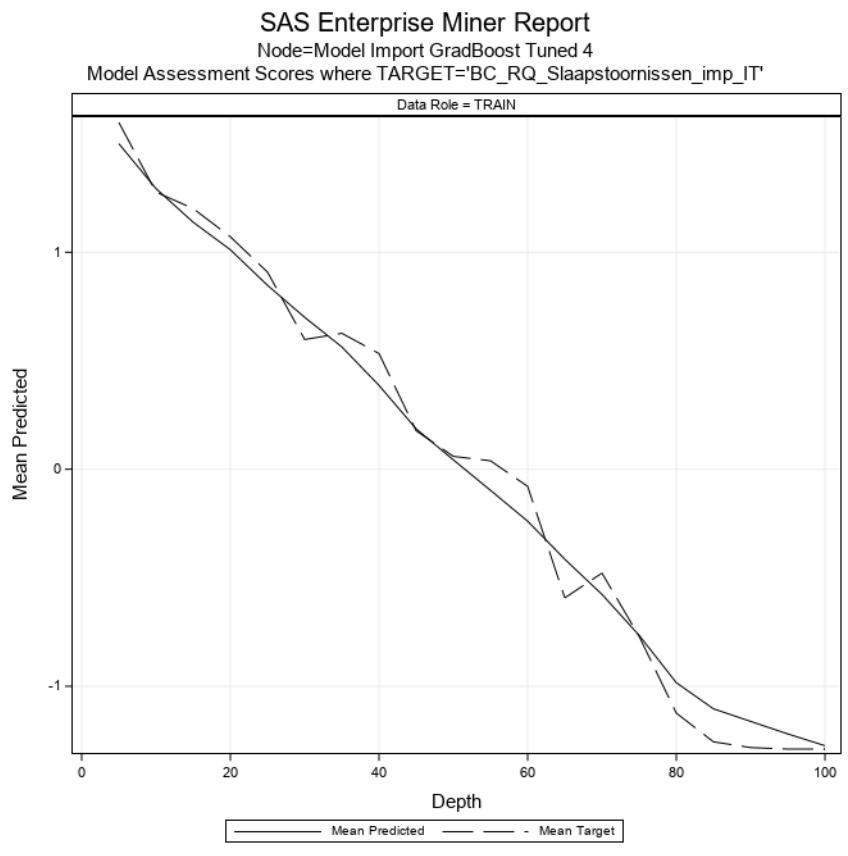
Label of Statistic	Train	Validation	Test
Average Squared Error	0.138	.	.
Divisor for ASE	393.000	.	.
Maximum Absolute Error	2.229	.	.
Sum of Frequencies	393.000	.	.
Root Average Squared Error	0.371	.	.
Sum of Squared Errors	54.081	.	.

**SAS Enterprise Miner Report**

Node=Model Import GradBoost Tuned 4

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

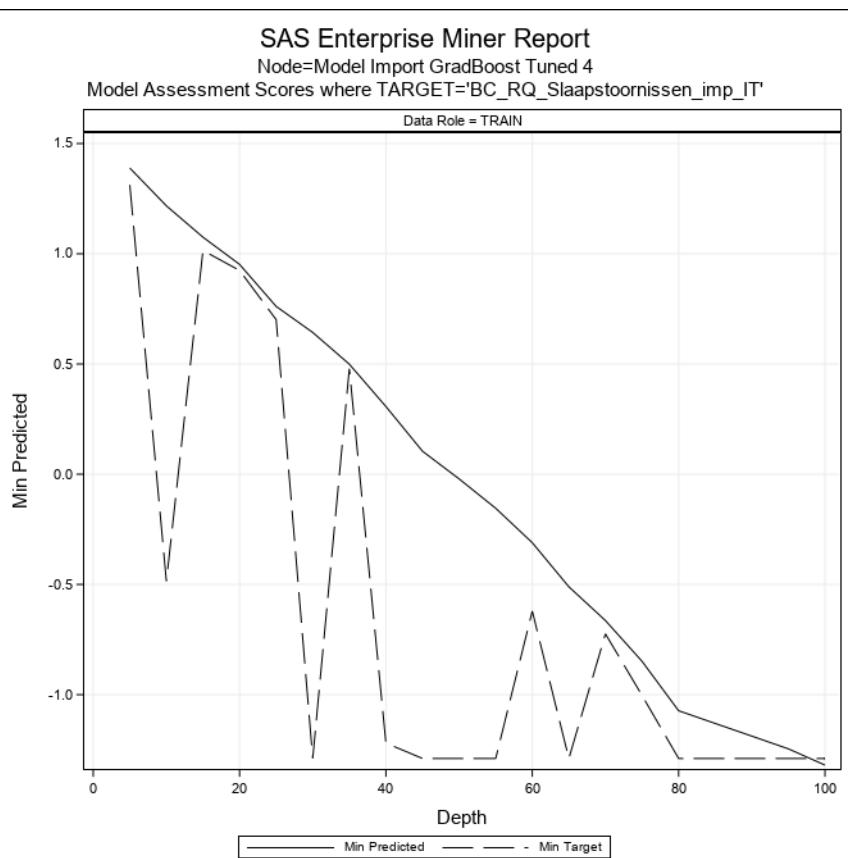
Data Role = TRAIN

**SAS Enterprise Miner Report**

Node=Model Import GradBoost Tuned 4

Model Assessment Scores where TARGET='BC\_RQ\_Slaapstoornissen\_imp\_IT'

Data Role = TRAIN







### Node=Model Import GradBoost Tuned 4

#### Score Distributions

Target Variable=BC\_RQ\_Slaapstoornissen\_imp\_IT Data Role=TRAIN

Range for Predicted	Mean Predicted	Max Predicted	Min Predicted	Mean Target	Max Target	Min Target
1.500 - 1.649	1.58885	1.64860	1.51168	1.69578	1.75390	1.65891
1.352 - 1.500	1.42619	1.49928	1.35600	1.50226	1.76974	1.30172
1.203 - 1.352	1.27632	1.34582	1.20651	1.25881	1.56738	-0.48554
1.055 - 1.203	1.12457	1.19981	1.05951	1.19289	1.38199	1.01455
0.907 - 1.055	0.99069	1.05474	0.91722	1.04652	1.28019	0.92436
0.758 - 0.907	0.83394	0.90550	0.76116	0.89330	1.01762	0.70134
0.610 - 0.758	0.69161	0.75611	0.61104	0.60069	1.38199	-1.28949
0.461 - 0.610	0.55381	0.60736	0.47140	0.61982	0.88680	0.47843
0.313 - 0.461	0.39061	0.46028	0.31317	0.55590	1.55847	-1.21974
0.165 - 0.313	0.23355	0.30957	0.17158	0.24461	0.87666	-0.43832
0.016 - 0.165	0.08474	0.16098	0.02311	0.09931	1.40996	-1.28949
-0.132 - 0.016	-0.06313	0.01488	-0.13124	0.04080	1.34442	-1.28949
-0.281 - -0.132	-0.21486	-0.13436	-0.27636	-0.05311	1.37243	-0.62105
-0.429 - -0.281	-0.37286	-0.31036	-0.42240	-0.47976	0.30195	-1.28949
-0.577 - -0.429	-0.50861	-0.45233	-0.55369	-0.49423	0.98128	-1.28949
-0.726 - -0.577	-0.65106	-0.58163	-0.71260	-0.68440	-0.59026	-0.79358
-0.874 - -0.726	-0.80452	-0.73478	-0.86902	-0.80398	-0.05541	-1.00362
-1.023 - -0.874	-0.96389	-0.91268	-1.02019	-1.10324	-0.94555	-1.28949
-1.171 - -1.023	-1.10896	-1.02418	-1.16370	-1.25639	-1.09749	-1.28949
-1.319 - -1.171	-1.23591	-1.17469	-1.31947	-1.28949	-1.28949	-1.28949

## SAS Enterprise Miner Report

### Node=Model Comparison Summary

Node id = MdlComp2  
 Node label = Model Comparison  
 Meta path = Ids => Trans => Grp3 => Boost5 => EndGrp3 => Mdllmp2 => 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 (sleep subscale) (Box-Cox transformed)	
ModelCriteria	Train: Average Squared Error		RocEpsilon	0.01		TargetName	BC_RQ_Slaapstoornissen_imp_IT	
ModelDescription	Model Import GradBoost Tuned 3		RoiEpsilon	1E-6		classViyaCriteria	DEFAULT	
ModelId	Mdllmp2		ScoreDistBin	20		intervalViyaCriteria	DEFAULT	
NormalizeReportingVariables	Y		SelectionCriteria	DEFAULT				

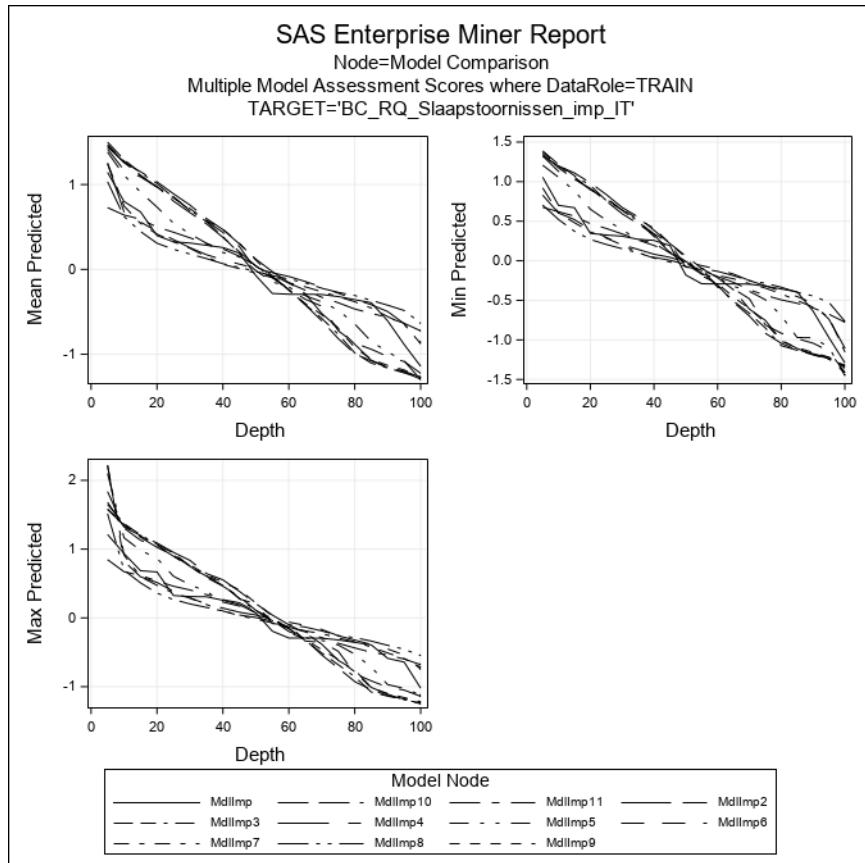
### Node=Model Comparison Variable Summary

Role	Level	Frequency		Name
		Count		
TARGET	INTERVAL	1		BC_RQ_Slaapstoornissen_imp_IT

### 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	Mdllmp2	Mdllmp2	Model Import GradBoost Tuned 3	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.11756	0.11756
	Mdllmp3	Mdllmp3	Model Import GradBoost Tuned 4	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.13761	0.13761
	Mdllmp10	Mdllmp10	Model Import GradBoost	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.14154	0.14154
	Mdllmp9	Mdllmp9	Model Import GradBoost Tuned 2	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.15377	0.15377
	Mdllmp11	Mdllmp11	Model Import GradBoost Tuned 1	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.36245	0.36245
	Mdllmp6	Mdllmp6	Model Import Neural two	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.42275	0.42275
	Mdllmp5	Mdllmp5	Model Import Neural one	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.46710	0.46710
	Mdllmp4	Mdllmp4	Model Import DMNeural	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.71333	0.71333
	Mdllmp	Mdllmp	Model Import Tree	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)	0.73338	0.73338

Selected Model	Predecessor Node	Model Node	Model Description	Train: Target Variable	Target Label	Selection Criterion:	
						Train: Average Squared Error	Train: Average Squared Error
MdImp7	MdImp7	Model Import Regression stepwise	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)		0.76324	0.76324
MdImp8	MdImp8	Model Import Regression LASSO	BC_RQ_Slaapstoornissen_imp_IT	ReQuest (sleep subscale) (Box-Cox transformed)		0.77975	0.77975



## SAS Enterprise Miner Report

### Node=StatExplore Summary

Node id = Stat  
 Node label = StatExplore  
 Meta path = Ids => Trans => Grp3 => Boost5 => EndGrp3 => MdImp2 => MdlComp2 => 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		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

Target	Variable	Importance	Worth	Analysis		plot
				Variable	Label	
BC_RQ_Slaapstoornissen_imp_IT	PHQ9dep_imp_IT	1	0.19128	1	Patient Health Questionnaire 9 (depression)	.
BC_RQ_Slaapstoornissen_imp_IT	PTSDtotaal_imp_IT	2	0.17632	1	PTSD-ZIL (total score)	.
BC_RQ_Slaapstoornissen_imp_IT	IAS_illness_behav_imp_IT	3	0.09617	1	IAS (illness behavior subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	PASStot_imp_IT	4	0.09562	1	Pain Anxiety Symptoms Scale (total score)	.
BC_RQ_Slaapstoornissen_imp_IT	STAIItot_imp_IT	5	0.07988	1	STAI (trait subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	BAQtot_imp_IT	6	0.07642	1	Body Awareness Questionnaire (total score)	.
BC_RQ_Slaapstoornissen_imp_IT	PCCLcat_imp_IT	7	0.06278	1	PCCL (catastrophizing subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	VSItot_imp_IT	8	0.05738	1	Visceral Sensitivity Index	.
BC_RQ_Slaapstoornissen_imp_IT	ASItot_imp_IT	9	0.05712	1	Anxiety Sensitivity Index	.
BC_RQ_Slaapstoornissen_imp_IT	TOTAL_nr	10	0.05242	1	total number of reflux events	.
BC_RQ_Slaapstoornissen_imp_IT	NEO_N_imp_IT	11	0.04589	1	NEO-FFI (neuroticism subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	NEO_A_imp_IT	12	0.04487	1	NEO-FFI (agreeableness subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	PCCLext_imp_IT	13	0.04198	1	PCCL (external pain control subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	LSAStot_imp_IT	14	0.04140	1	Liebowitz Social Anxiety Scale (total score)	.
BC_RQ_Slaapstoornissen_imp_IT	NEO_E_imp_IT	15	0.04082	1	NEO-FFI (extraversion subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	CTQtot_imp_IT	16	0.03631	1	Childhood Trauma Questionnaire (total score)	.
BC_RQ_Slaapstoornissen_imp_IT	PCCLint_imp_IT	17	0.03600	1	PCCL (internal pain control subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	PCCLpco_imp_IT	18	0.03580	1	PCCL (pain coping subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	tot_vol_exp_imp	19	0.03322	1	total volume exposure ()	.
BC_RQ_Slaapstoornissen_imp_IT	NEO_O_imp_IT	20	0.03087	1	NEO-FFI (openness to experience subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	NEO_C_imp_IT	21	0.02837	1	NEO-FFI (conscientiousness subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	IAS_health_anx_imp_IT	22	0.02815	1	IAS (health anxiety subscale)	.
BC_RQ_Slaapstoornissen_imp_IT	classification	23	0.02245	1	reflux subgroup	.
BC_RQ_Slaapstoornissen_imp_IT	pH_MII_ON_OFF_INF_MISS	24	0.00164	1	PPI intake during pH-MII (informative missing)	.

# SAS Enterprise Miner Report

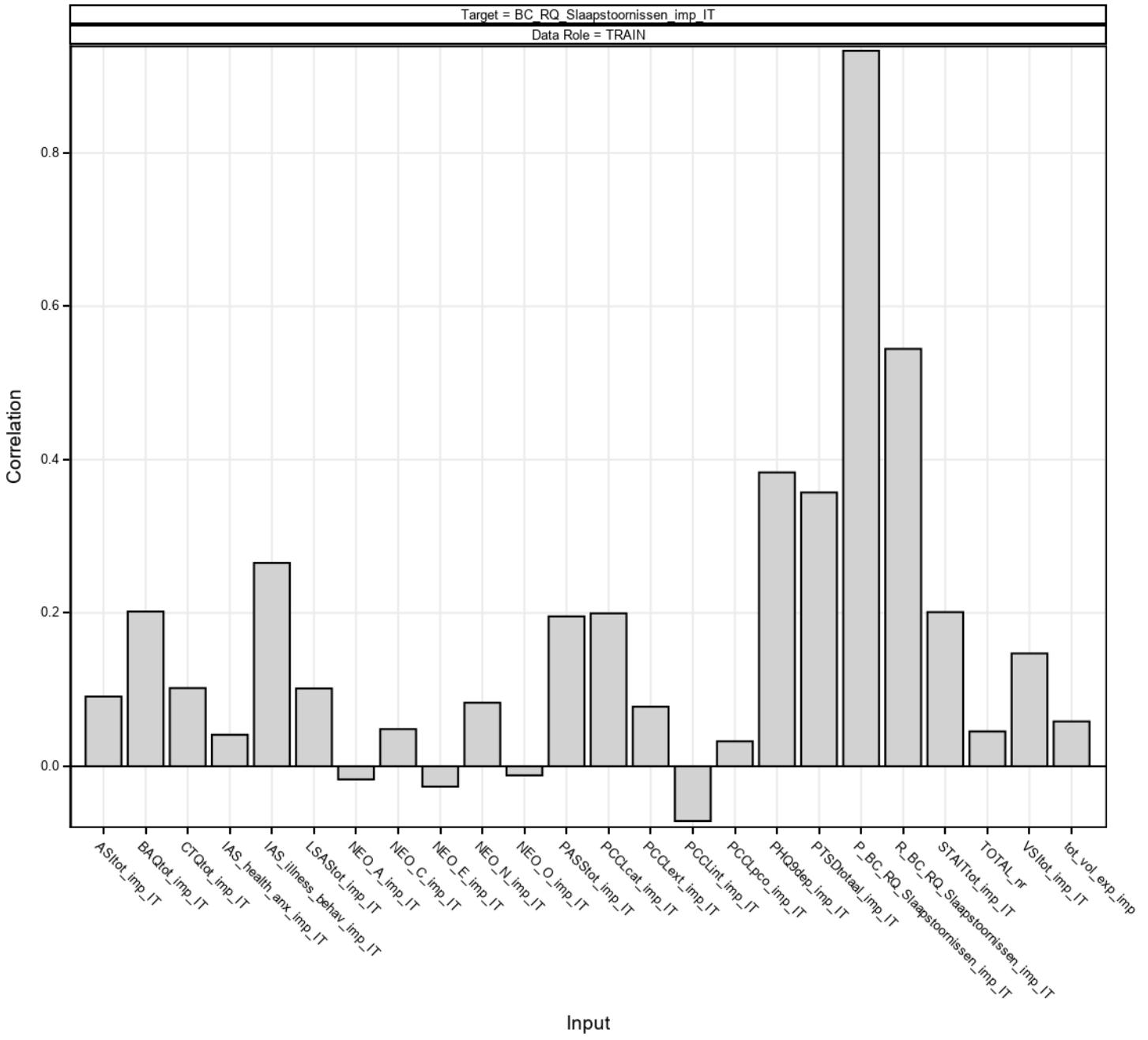
Node=StatExplore

Correlation Plot

CORRTYPE='PEARSON'

Target = BC\_RQ\_Slaapstoornissen\_imp\_IT

Data Role = TRAIN

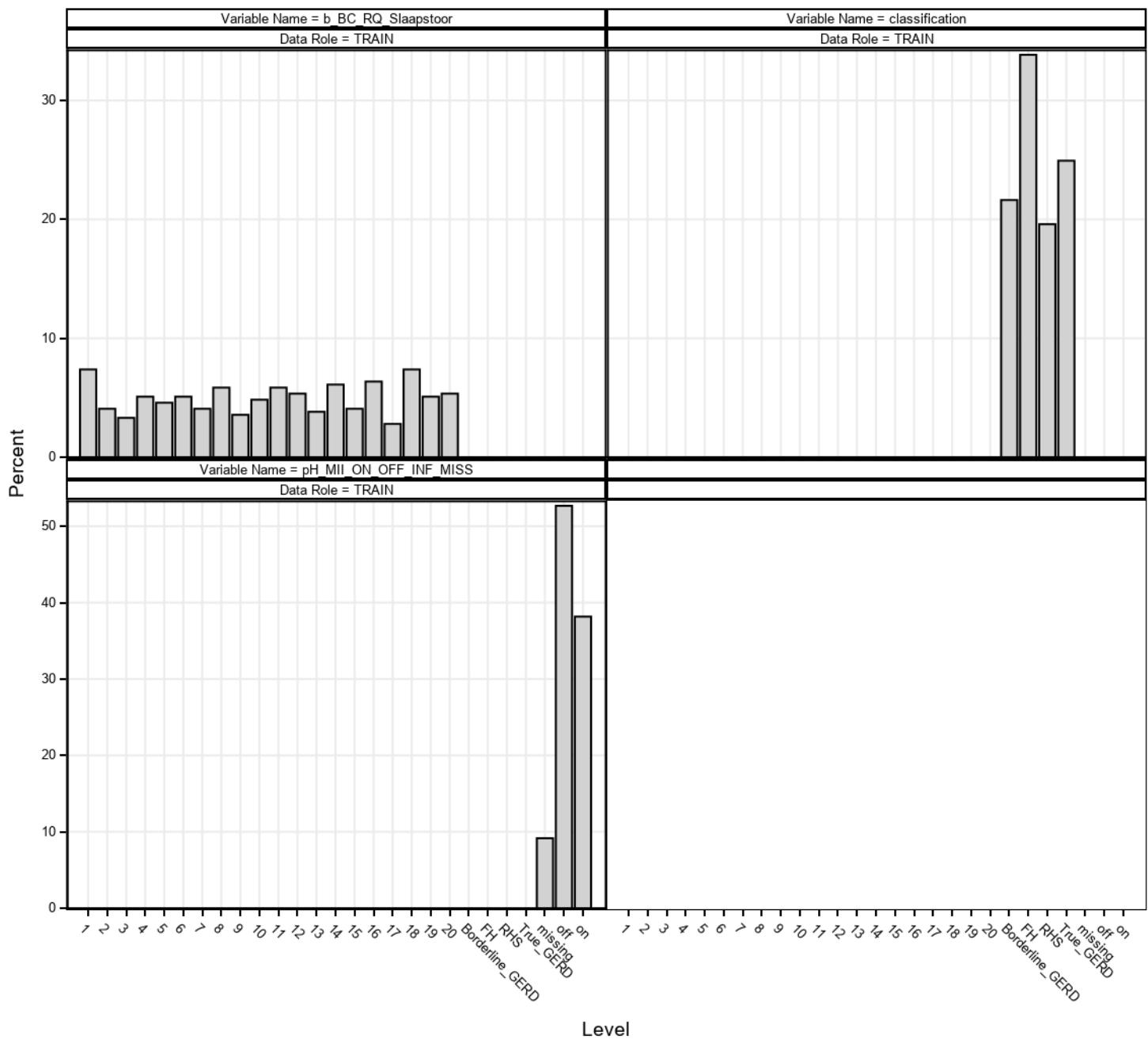


# SAS Enterprise Miner Report

Node=StatExplore

Class Variables

PLOT=1

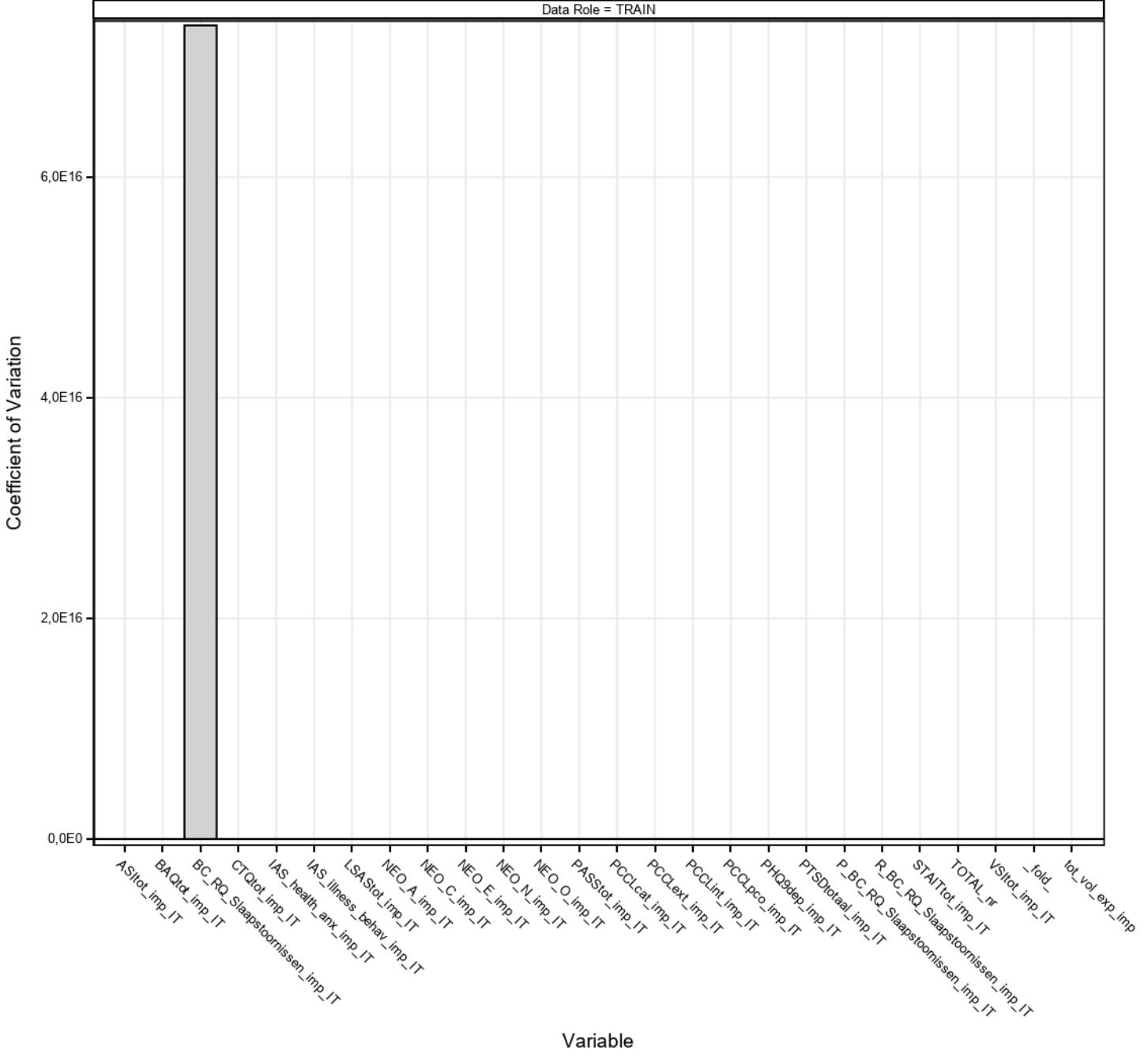


# SAS Enterprise Miner Report

Node=StatExplore

Interval Variables

Data Role = TRAIN



End of Report