The GLM Procedure

Number of Observations Read	1152
Number of Observations Used	1152

The GLM Procedure

Dependent Variable: MeanCloudCover

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	10	3854.619488	385.461949	617.80	<.0001
Error	1141	711.898206	0.623925		
Corrected Total	1151	4566.517693			

R-Square	Coeff Var	Root MSE	MeanCloudCover Mean
0.844105	14.62198	0.789889	5.402067

Source	DF	Type I SS	Mean Square	F Value	Pr > F
MinTemp	1	79.855808	79.855808	127.99	<.0001
MaxTemp	1	2775.570815	2775.570815	4448.57	<.0001
MeanTemp	1	215.351062	215.351062	345.16	<.0001
MinAirTemp	1	31.044248	31.044248	49.76	<.0001
SunDuration	1	672.741898	672.741898	1078.24	<.0001
MeanCloudVapor	1	0.000726	0.000726	0.00	0.9728
MeanRelHumid	1	0.028248	0.028248	0.05	0.8315
PrecipHeight	1	55.699942	55.699942	89.27	<.0001
MeanPressure	1	19.446377	19.446377	31.17	<.0001
SnowDepth	1	4.880363	4.880363	7.82	0.0052

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MinTemp	1	12.1598153	12.1598153	19.49	<.0001
MaxTemp	1	102.8803279	102.8803279	164.89	<.0001
MeanTemp	1	103.9626856	103.9626856	166.63	<.0001
MinAirTemp	1	16.7200288	16.7200288	26.80	<.0001
SunDuration	1	389.9280094	389.9280094	624.96	<.0001
MeanCloudVapor	1	0.0746468	0.0746468	0.12	0.7295
MeanRelHumid	1	0.3416282	0.3416282	0.55	0.4595
PrecipHeight	1	42.3403580	42.3403580	67.86	<.0001
MeanPressure	1	8.8804431	8.8804431	14.23	0.0002
SnowDepth	1	4.8803629	4.8803629	7.82	0.0052

The GLM Procedure

Dependent Variable: MeanCloudCover

Parameter	Estimate	Standard Error	t Value	Pr > |t|	95% Confidence Limits	
Intercept	11.23700049	1.53642652	7.31	<.0001	8.22246210	14.25153889
MinTemp	-0.09046629	0.02049224	-4.41	<.0001	-0.13067299	-0.05025959
MaxTemp	-0.18405291	0.01433318	-12.84	<.0001	-0.21217527	-0.15593056
MeanTemp	0.25013694	0.01937783	12.91	<.0001	0.21211675	0.28815713
MinAirTemp	0.07665360	0.01480745	5.18	<.0001	0.04760072	0.10570648
SunDuration	-0.38610721	0.01544478	-25.00	<.0001	-0.41641057	-0.35580384
MeanCloudVapor	-0.00968907	0.02801190	-0.35	0.7295	-0.06464969	0.04527155
MeanRelHumid	-0.00439167	0.00593498	-0.74	0.4595	-0.01603637	0.00725302
PrecipHeight	0.06132809	0.00744472	8.24	<.0001	0.04672121	0.07593497
MeanPressure	-0.00509921	0.00135161	-3.77	0.0002	-0.00775114	-0.00244729
SnowDepth	0.02073156	0.00741262	2.80	0.0052	0.00618765	0.03527546

The GLM Procedure

Dependent Variable: MeanCloudCover

Fit Diagnostics for MeanCloudCover
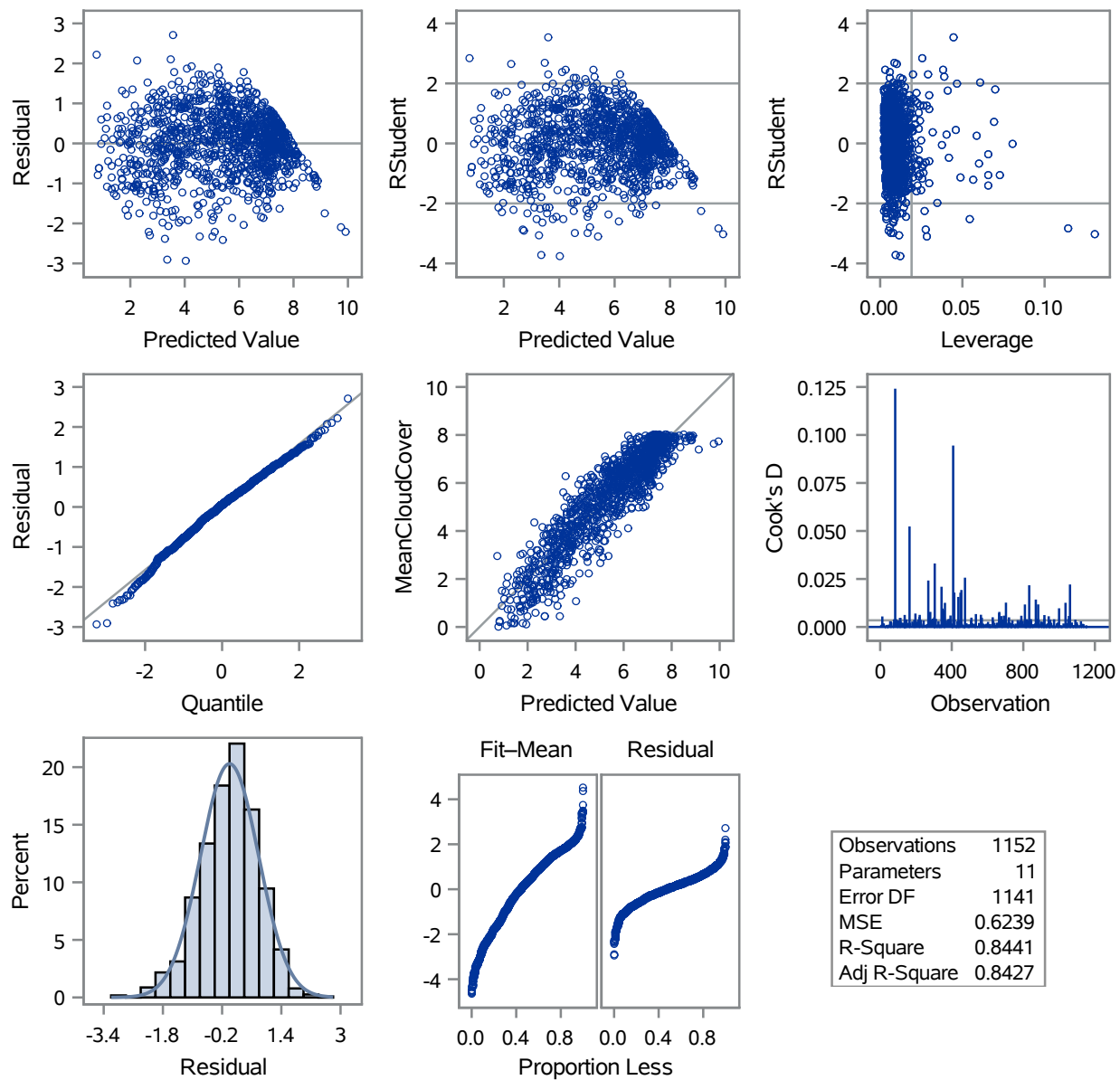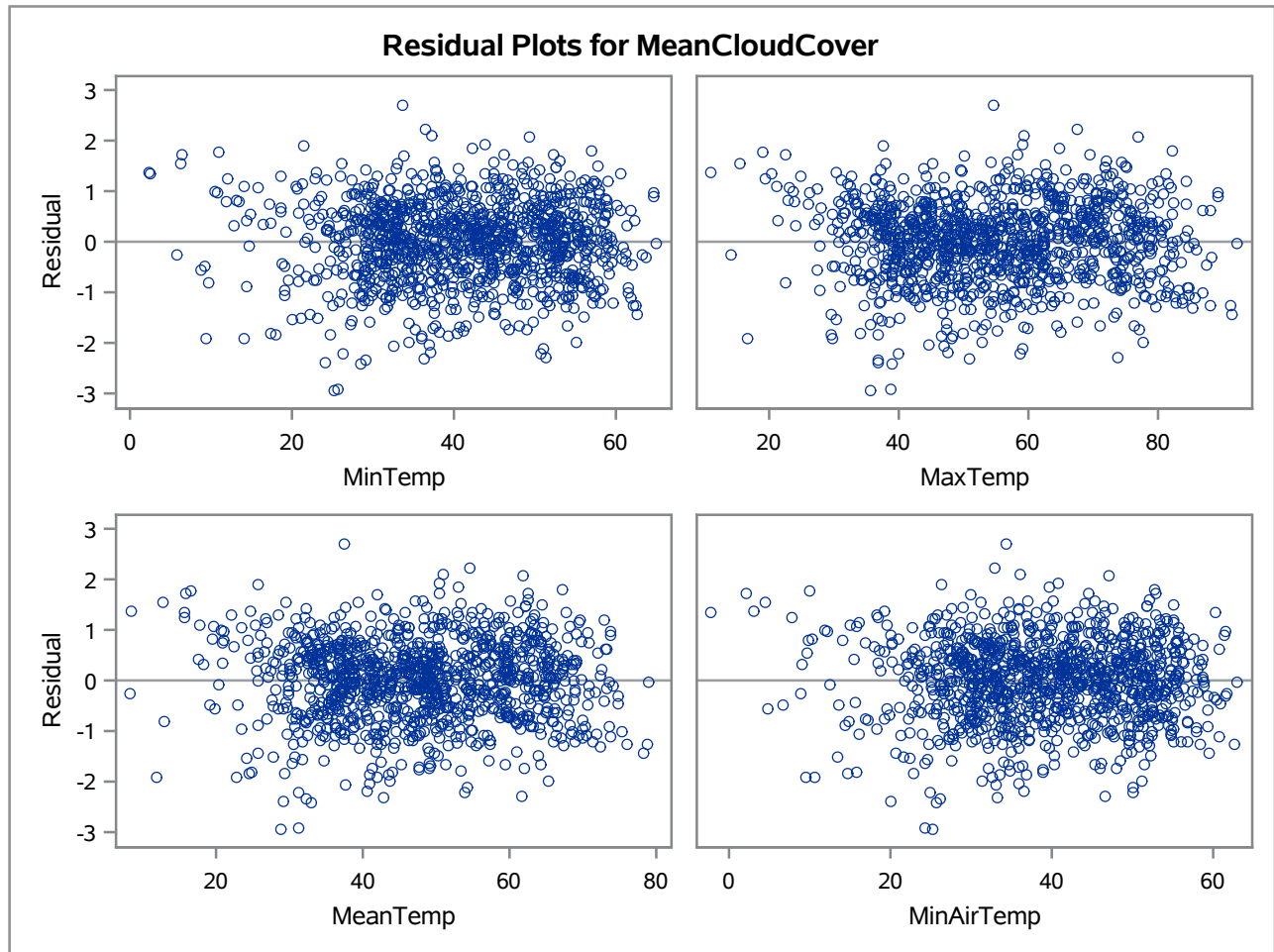
| Observations	1152
Parameters	11
Error DF	1141
MSE	0.6239
R-Square	0.8441
Adj R-Square	0.8427

The GLM Procedure

Dependent Variable: MeanCloudCover

Residual Plots for MeanCloudCover

The GLM Procedure

Dependent Variable: MeanCloudCover

Residual Plots for MeanCloudCover

The GLM Procedure

Dependent Variable: MeanCloudCover

Residual Plots for MeanCloudCover
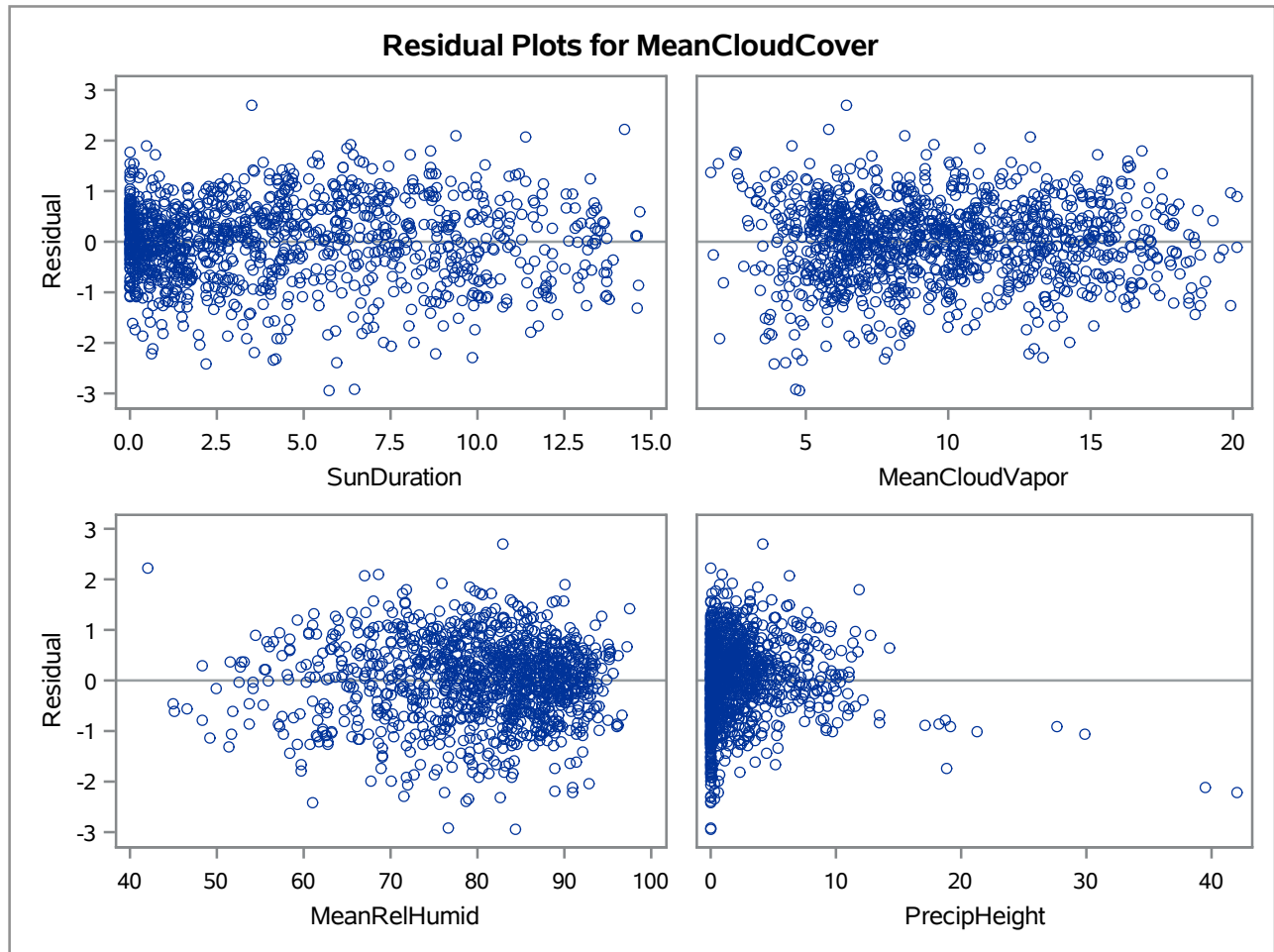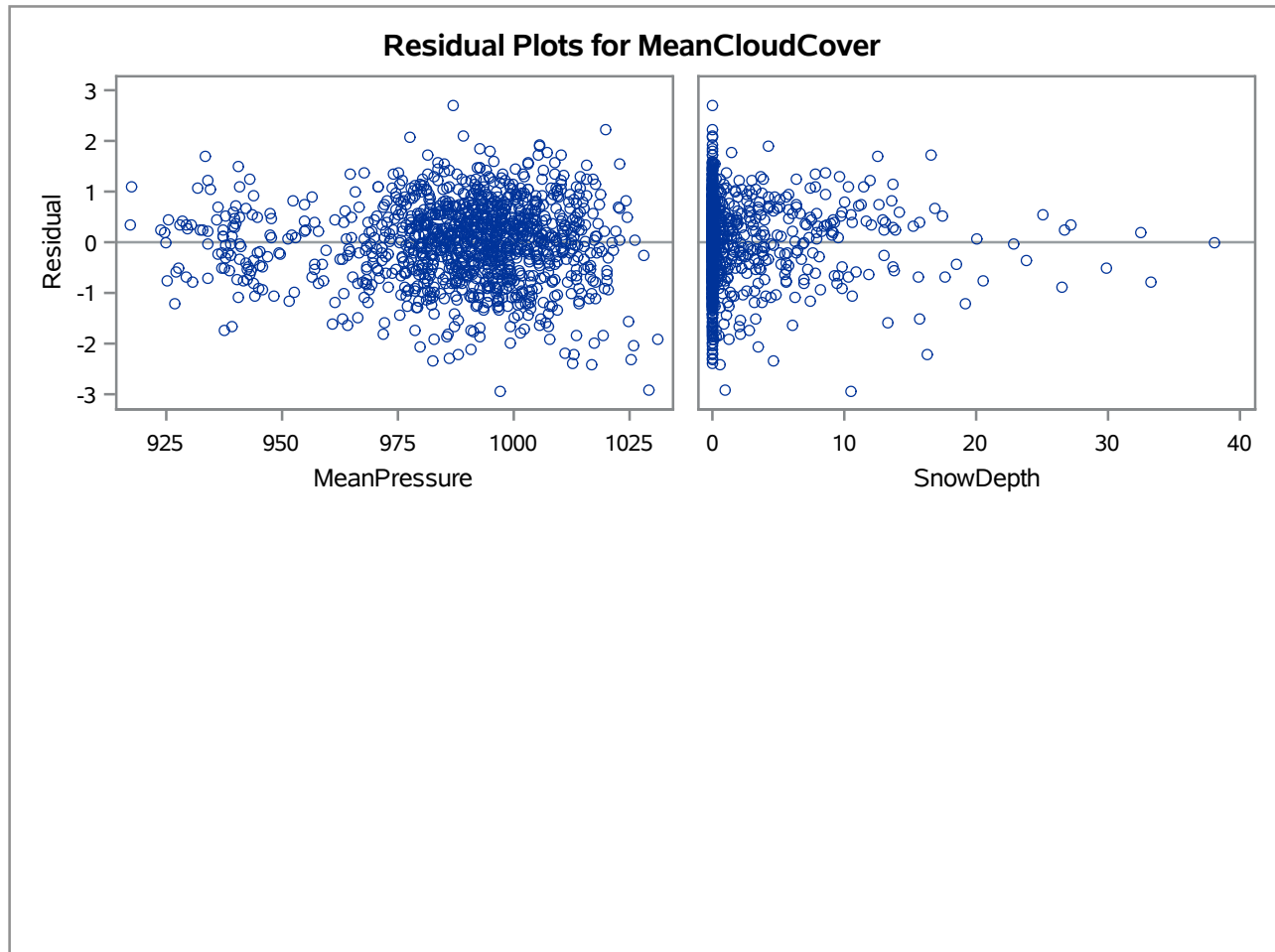
The GLMSELECT Procedure

Data Set	WORK.TRAIN
Test Data Set	WORK.TEST
Dependent Variable	MeanCloudCover
Selection Method	Stepwise
Select Criterion	SBC
Stop Criterion	Cross Validation
Choose Criterion	Cross Validation
Cross Validation Method	Random
Cross Validation Fold	5
Effect Hierarchy Enforced	None
Random Number Seed	603785868

Observation Profile for Analysis Data	
Number of Observations Read	1152
Number of Observations Used	1152
Number of Observations Used for Training	1152

Observation Profile for Test Data	
Number of Observations Read	64
Number of Observations Used	64

Dimensions	
Number of Effects	11
Number of Parameters	11

The GLMSELECT Procedure

	Stepwise Selection Summary						
Step	Effect Entered	Effect Removed	Number Effects In	SBC	ASE	Test ASE	CV PRESS
0	Intercept		1	1593.6428	3.9640	4.6315	4575.1223
1	SunDuration		2	-34.7256	0.9585	1.3883	1106.4424
2	MinAirTemp		3	-249.7611	0.7904	1.0366	913.2262
3	PrecipHeight		4	-314.9443	0.7424	1.0657	863.3259
4	SnowDepth		5	-329.6662	0.7285	0.9906	848.0422
5	MaxTemp		6	-333.7388	0.7215	0.9424	843.0470
6	MeanTemp		7	-465.4660*	0.6396	0.7717	752.7738*
	* Optimal Value of Criterion						

Selection stopped at a local minimum of the cross validation PRESS.

	Stop Details				
Candidate For	Effect	Candidate CV PRESS		Compare CV PRESS	
Removal	MinAirTemp	756.2894	>	752.7738	

Coefficient Progression for MeanCloudCover
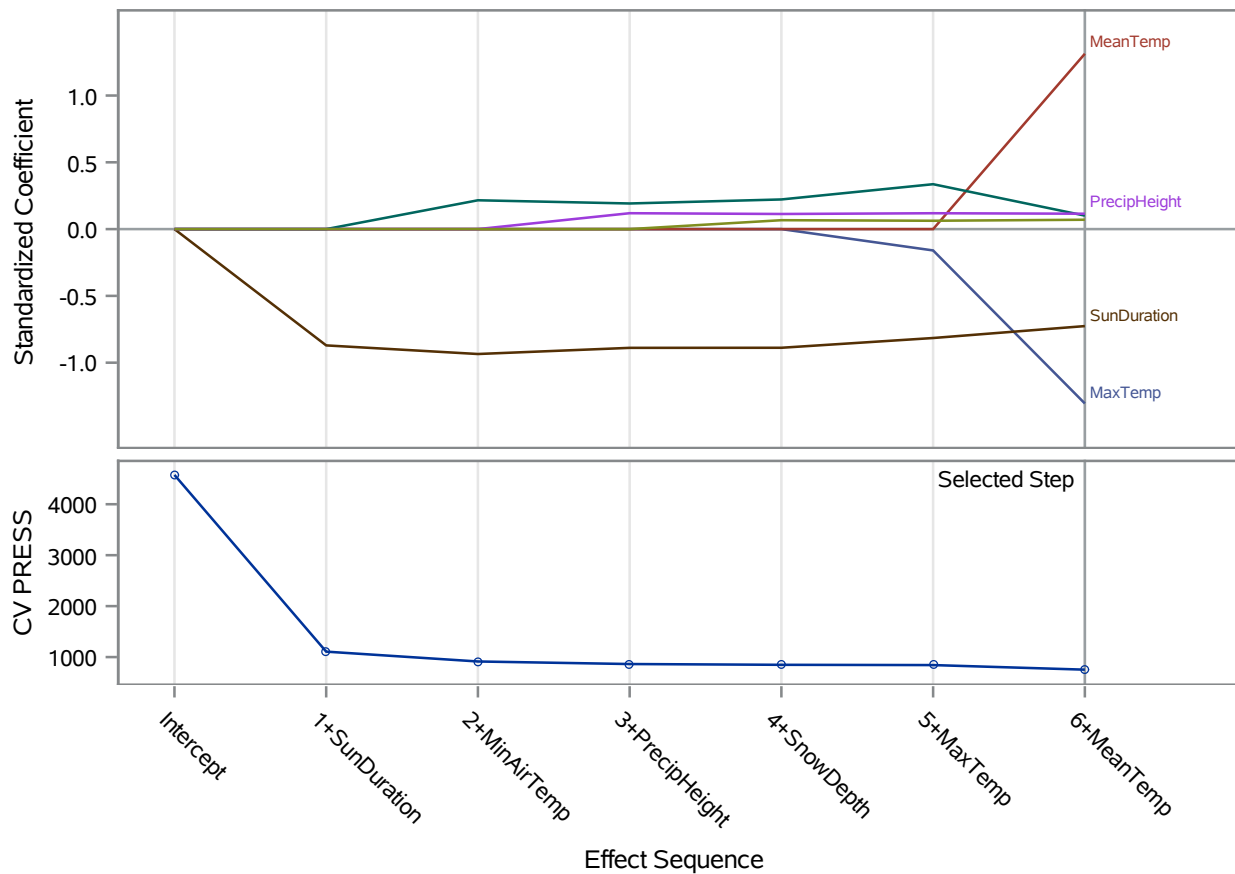
The GLMSELECT Procedure

Fit Criteria for MeanCloudCover

The GLMSELECT Procedure

Progression of Average Squared Errors by Role for MeanCloudCover
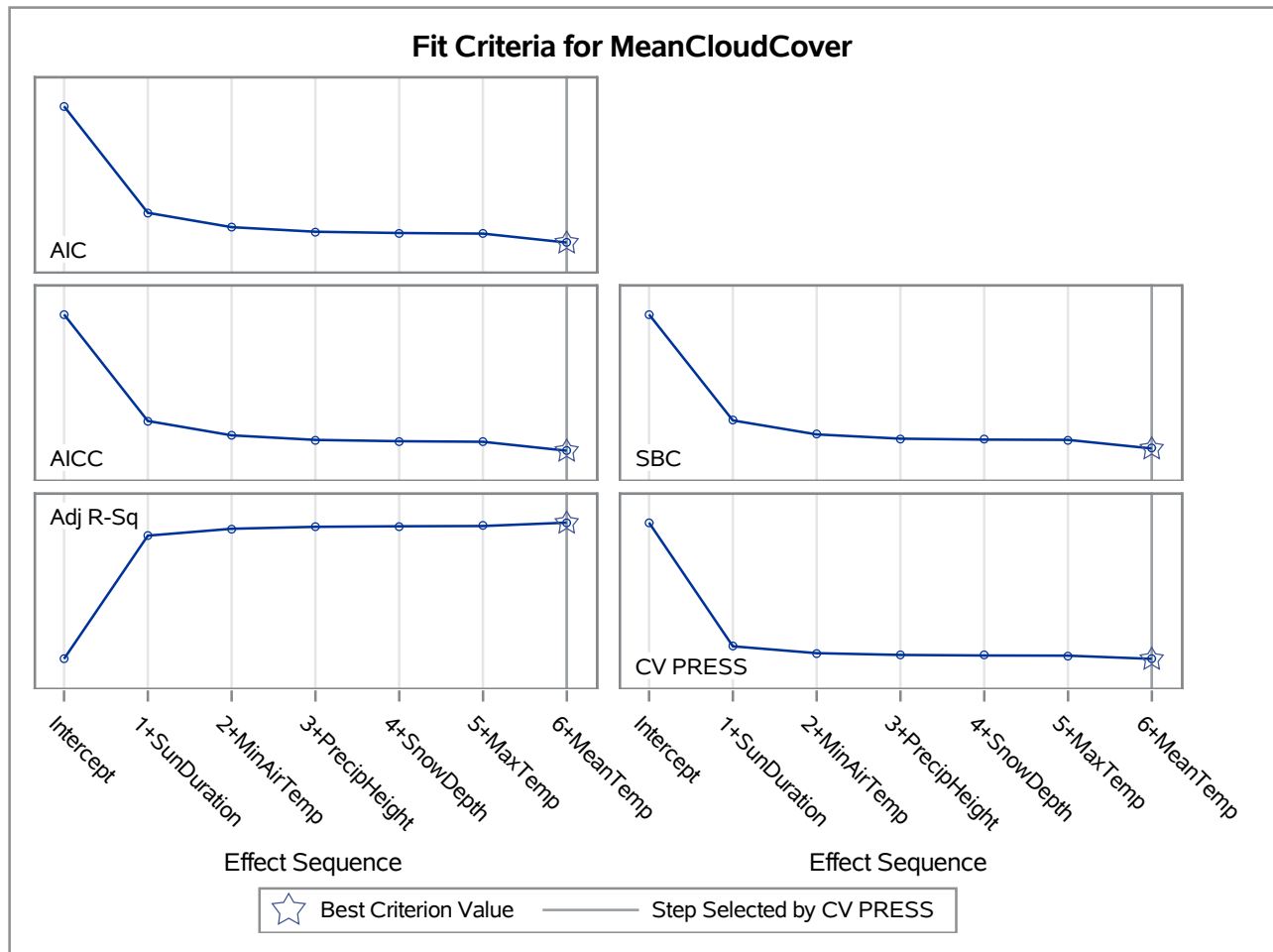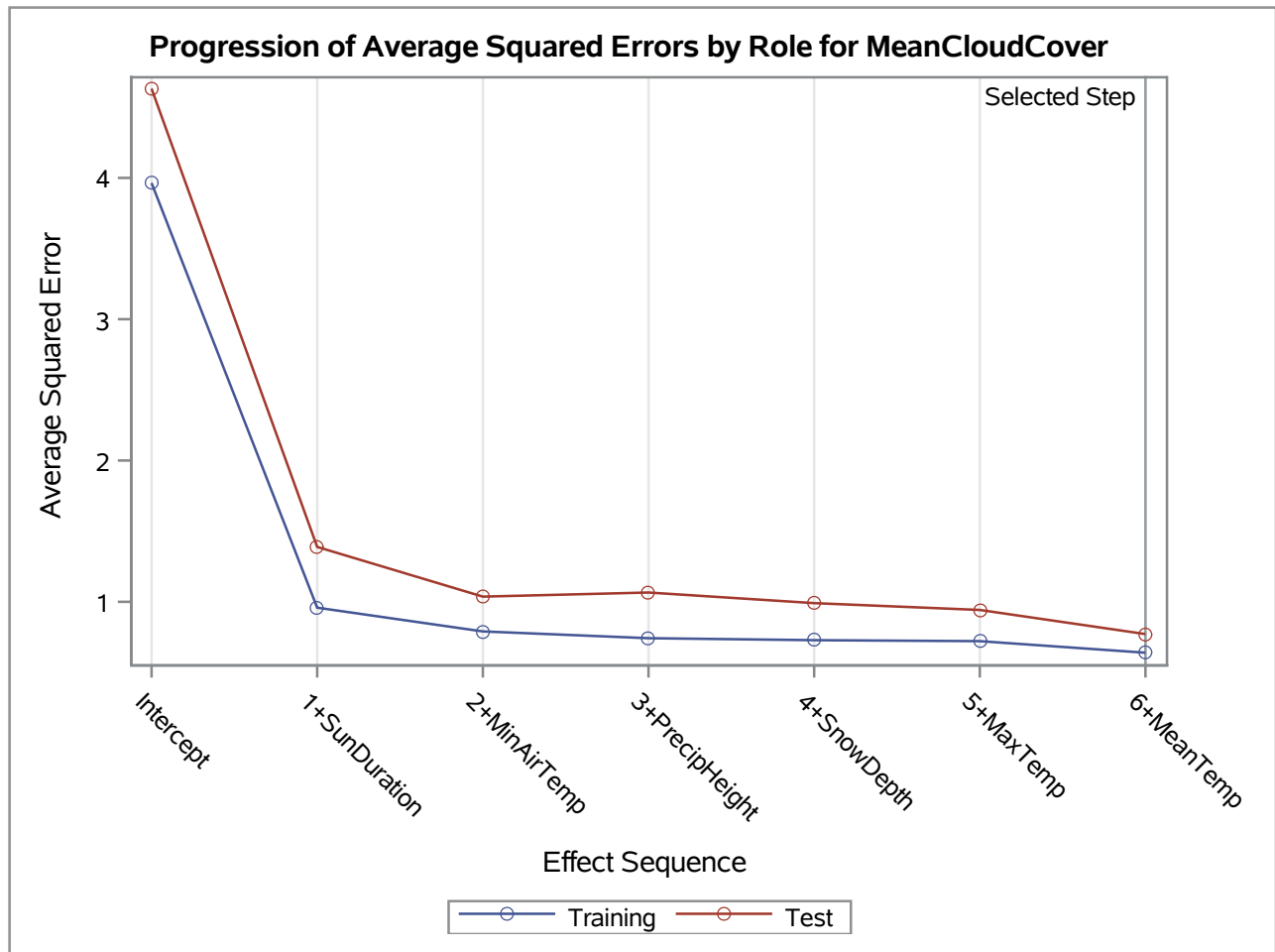
The GLMSELECT Procedure
Selected Model

The selected model, based on Cross Validation, is the model at Step 6.

Effects:	Intercept MaxTemp MeanTemp MinAirTemp SunDuration PrecipHeight SnowDepth

Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	6	3829.67790	638.27965	991.84
Error	1145	736.83979	0.64353	
Corrected Total	1151	4566.51769		

Root MSE	0.80220
Dependent Mean	5.40207
R-Square	0.8386
Adj R-Sq	0.8378
AIC	653.18923
AICC	653.31521
SBC	-465.46599
ASE (Train)	0.63962
ASE (Test)	0.77174
CV PRESS	752.77378

Cross Validation Details			
	Observations		
Index	Fitted	Left Out	CV PRESS
1	926	226	151.5942
2	938	214	166.2280
3	917	235	139.5793
4	908	244	154.1619
5	919	233	141.2103
Total			752.7738

The GLMSELECT Procedure
Selected Model

Parameter Estimates				
Parameter	DF	Estimate	Standard Error	t Value
Intercept	1	5.794453	0.117305	49.40
MaxTemp	1	-0.174176	0.013989	-12.45
MeanTemp	1	0.206153	0.017027	12.11
MinAirTemp	1	0.018259	0.007272	2.51
SunDuration	1	-0.370181	0.013095	-28.27
PrecipHeight	1	0.066004	0.007442	8.87
SnowDepth	1	0.034344	0.006591	5.21

The Probit Procedure

Iter	Ridge	Loglikelihood	Intercept / MeanCloudVapor	MinTemp / MeanRelHumid	MaxTemp / PrecipHeight	MeanTemp / PrecipForm	MinAirTemp	SunDuration	MeanCloudCover / MeanPressure
0	0	-44.36142	0	0	0	0	0	0	0
			0	0	0	0			0
1	0	-25.335418	-20.62372757	-0.090455886	-0.010297901	0.1107648134	0.0422948705	0.1862874614	0.2602040227
			-0.236653396	0.065456429	-0.02532435	-0.129818275			0.0137241259
2	0	-23.227477	-32.66851333	-0.12741298	-0.031253796	0.1932233971	0.0449518249	0.3137722136	0.4397789436
			-0.36778946	0.105428702	-0.008421854	-0.21605349			0.0213143022
3	0	-23.009963	-37.87470958	-0.142647717	-0.043850927	0.2364427324	0.0388893644	0.3744325672	0.5302775487
			-0.421387067	0.1237808517	0.0052575823	-0.259716033			0.0244646556
4	0	-23.00462	-38.80939271	-0.1464992	-0.046508594	0.2457945344	0.0376505811	0.3848691941	0.5476282578
			-0.430838981	0.1269603082	0.007812349	-0.267670012			0.025032307
5	0	-23.004616	-38.83716036	-0.146663993	-0.046601632	0.2461323171	0.0376213431	0.3851407949	0.5481451154
			-0.431115461	0.1270482886	0.0078775647	-0.267889376			0.0250495069
6	0	-23.004616	-38.83716036	-0.146663993	-0.046601632	0.2461323171	0.0376213431	0.3851407949	0.5481451154
			-0.431115461	0.1270482886	0.0078775647	-0.267889376			0.0250495069

Table title: Iteration History for Parameter Estimates

Model Information	
Data Set	WORK.TEST
Dependent Variable	Success
Number of Observations	64
Name of Distribution	Normal
Log Likelihood	-23.00461567

Number of Observations Read	64
Number of Observations Used	64

Class Level Information		
Name	Levels	Values
Success	2	accept reject

Parameter Information	
Parameter	Effect
Intercept	Intercept
MinTemp	MinTemp
MaxTemp	MaxTemp
MeanTemp	MeanTemp

The Probit Procedure

Parameter Information	
Parameter	**Effect**
MinAirTemp	MinAirTemp
SunDuration	SunDuration
MeanCloudCover	MeanCloudCover
MeanCloudVapor	MeanCloudVapor
MeanRelHumid	MeanRelHumid
PrecipHeight	PrecipHeight
PrecipForm	PrecipForm
MeanPressure	MeanPressure

Response Profile		
Ordered Value	**Success**	**Total Frequency**
1	accept	51
2	reject	13

PROC PROBIT is modeling the probabilities of levels of Success having LOWER Ordered Values in the response profile table.

Last Evaluation of the Negative of the Gradient								
Intercept	**MinTemp**	**MaxTemp**	**MeanTemp**	**MinAirTemp**	**SunDuration**	**MeanCloudCover**	**MeanCloudVapor**	**MeanRelHumid**
-5.710874E-6	-0.000234467	-0.000338529	-0.000294067	-0.000220406	-0.000033601	-0.000030447	-0.000058503	-0.000440732

Last Evaluation of the Negative of the Gradient		
PrecipHeight	**PrecipForm**	**MeanPressure**
-5.301418E-6	-3.347824E-6	-0.005709385

The Probit Procedure

Last Evaluation of the Negative of the Hessian						
	Intercept	MinTemp	MaxTemp	MeanTemp	MinAirTemp	SunDuration	MeanCloudCover
Intercept	22.488453248	904.28956544	1268.0989571	1075.9615106	842.23918961	122.21249004	102.71318488
MinTemp	904.28956544	39970.55031	55031.879443	47012.574276	37311.540269	5167.6302238	4188.928989
MaxTemp	1268.0989571	55031.879443	77019.986602	65400.852324	51192.704732	7615.5549606	5586.4802544
MeanTemp	1075.9615106	47012.574276	65400.852324	55687.313655	43798.019893	6348.8911971	4837.3256646
MinAirTemp	842.23918961	37311.540269	51192.704732	43798.019893	34913.119592	4760.1974645	3951.0076557
SunDuration	122.21249004	5167.6302238	7615.5549606	6348.8911971	4760.1974645	962.70237194	412.35805353
MeanCloudCover	102.71318488	4188.928989	5586.4802544	4837.3256646	3951.0076557	412.35805353	574.92625154
MeanCloudVapor	213.03468976	9816.2917254	13454.212536	11526.988851	9161.5413607	1258.8351081	983.62069348
MeanRelHumid	1711.8960723	68731.843466	95598.757367	81362.584615	64107.983009	8833.0190453	8065.7826089
PrecipHeight	33.520184112	1558.5856281	1923.6964962	1718.5830274	1494.5517216	84.46417673	213.90394433
PrecipForm	25.902150901	849.82718363	1092.1738707	962.43852932	818.02335514	52.566535434	176.24390305
MeanPressure	22336.299105	898638.50342	1259840.216	1068949.8154	836961.32823	121309.40873	101947.75074

Last Evaluation of the Negative of the Hessian					
	MeanCloudVapor	MeanRelHumid	PrecipHeight	PrecipForm	MeanPressure
Intercept	213.03468976	1711.8960723	33.520184112	25.902150901	22336.299105
MinTemp	9816.2917254	68731.843466	1558.5856281	849.82718363	898638.50342
MaxTemp	13454.212536	95598.757367	1923.6964962	1092.1738707	1259840.216
MeanTemp	11526.988851	81362.584615	1718.5830274	962.43852932	1068949.8154
MinAirTemp	9161.5413607	64107.983009	1494.5517216	818.02335514	836961.32823
SunDuration	1258.8351081	8833.0190453	84.46417673	52.566535434	121309.40873
MeanCloudCover	983.62069348	8065.7826089	213.90394433	176.24390305	101947.75074
MeanCloudVapor	2490.556179	16237.56585	389.31251967	182.18927072	211805.84972
MeanRelHumid	16237.56585	131656.99682	2777.6566615	2170.9470327	1700592.9353
PrecipHeight	389.31251967	2777.6566615	220.1122259	97.023184109	33283.619208
PrecipForm	182.18927072	2170.9470327	97.023184109	133.51551215	25588.713974
MeanPressure	211805.84972	1700592.9353	33283.619208	25588.713974	22192996.022

Algorithm converged.

Type III Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
MinTemp	1	0.6382	0.4244
MaxTemp	1	0.0955	0.7573
MeanTemp	1	1.0531	0.3048
MinAirTemp	1	0.0684	0.7937

The Probit Procedure

Type III Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
SunDuration	1	4.3801	0.0364
MeanCloudCover	1	2.9302	0.0869
MeanCloudVapor	1	3.1862	0.0743
MeanRelHumid	1	4.7585	0.0292
PrecipHeight	1	0.0044	0.9470
PrecipForm	1	2.3699	0.1237
MeanPressure	1	3.9034	0.0482

Analysis of Maximum Likelihood Parameter Estimates						
Parameter	DF	Estimate	Standard Error	95% Confidence Limits		Chi-Square	Pr > ChiSq
Intercept	1	-38.8372	14.8973	-68.0353	-9.6391	6.80	0.0091
MinTemp	1	-0.1467	0.1836	-0.5065	0.2132	0.64	0.4244
MaxTemp	1	-0.0466	0.1508	-0.3422	0.2490	0.10	0.7573
MeanTemp	1	0.2461	0.2398	-0.2240	0.7162	1.05	0.3048
MinAirTemp	1	0.0376	0.1439	-0.2443	0.3196	0.07	0.7937
SunDuration	1	0.3851	0.1840	0.0245	0.7458	4.38	0.0364
MeanCloudCover	1	0.5481	0.3202	-0.0795	1.1758	2.93	0.0869
MeanCloudVapor	1	-0.4311	0.2415	-0.9045	0.0423	3.19	0.0743
MeanRelHumid	1	0.1270	0.0582	0.0129	0.2412	4.76	0.0292
PrecipHeight	1	0.0079	0.1184	-0.2242	0.2400	0.00	0.9470
PrecipForm	1	-0.2679	0.1740	-0.6090	0.0732	2.37	0.1237
MeanPressure	1	0.0250	0.0127	0.0002	0.0499	3.90	0.0482

The Probit Procedure

Iteration History for Parameter Estimates								
Iter	Ridge	Loglikelihood	Intercept	MeanCloudCover	SunDuration	MeanCloudVapor	MeanRelHumid	PrecipForm
0	0	-44.36142	0	0	0	0	0	0
1	0	-27.538351	-4.818636125	0.2805455602	0.2264393941	-0.097487782	0.0521368944	-0.191520165
2	0	-26.125777	-8.309662548	0.4499415064	0.3658376532	-0.150261526	0.0872650452	-0.286985894
3	0	-26.058882	-9.34584672	0.4964137498	0.4052458122	-0.165061929	0.0978831706	-0.313733574
4	0	-26.058621	-9.414285964	0.4995208509	0.4078386514	-0.166048916	0.0985871758	-0.315551529
5	0	-26.058621	-9.414570644	0.4995339657	0.407849397	-0.166053055	0.0985901073	-0.315559275
6	0	-26.058621	-9.414570644	0.4995339657	0.407849397	-0.166053055	0.0985901073	-0.315559275

Model Information	
Data Set	WORK.TEST
Dependent Variable	Success
Number of Observations	64
Name of Distribution	Normal
Log Likelihood	-26.0586205

Number of Observations Read	64
Number of Observations Used	64

Class Level Information		
Name	Levels	Values
Success	2	accept reject

Parameter Information	
Parameter	Effect
Intercept	Intercept
MeanCloudCover	MeanCloudCover
SunDuration	SunDuration
MeanCloudVapor	MeanCloudVapor
MeanRelHumid	MeanRelHumid
PrecipForm	PrecipForm

Response Profile		
Ordered Value	Success	Total Frequency
1	accept	51
2	reject	13

The Probit Procedure

PROC PROBIT is modeling the probabilities of levels of Success having LOWER Ordered Values in the response profile table.

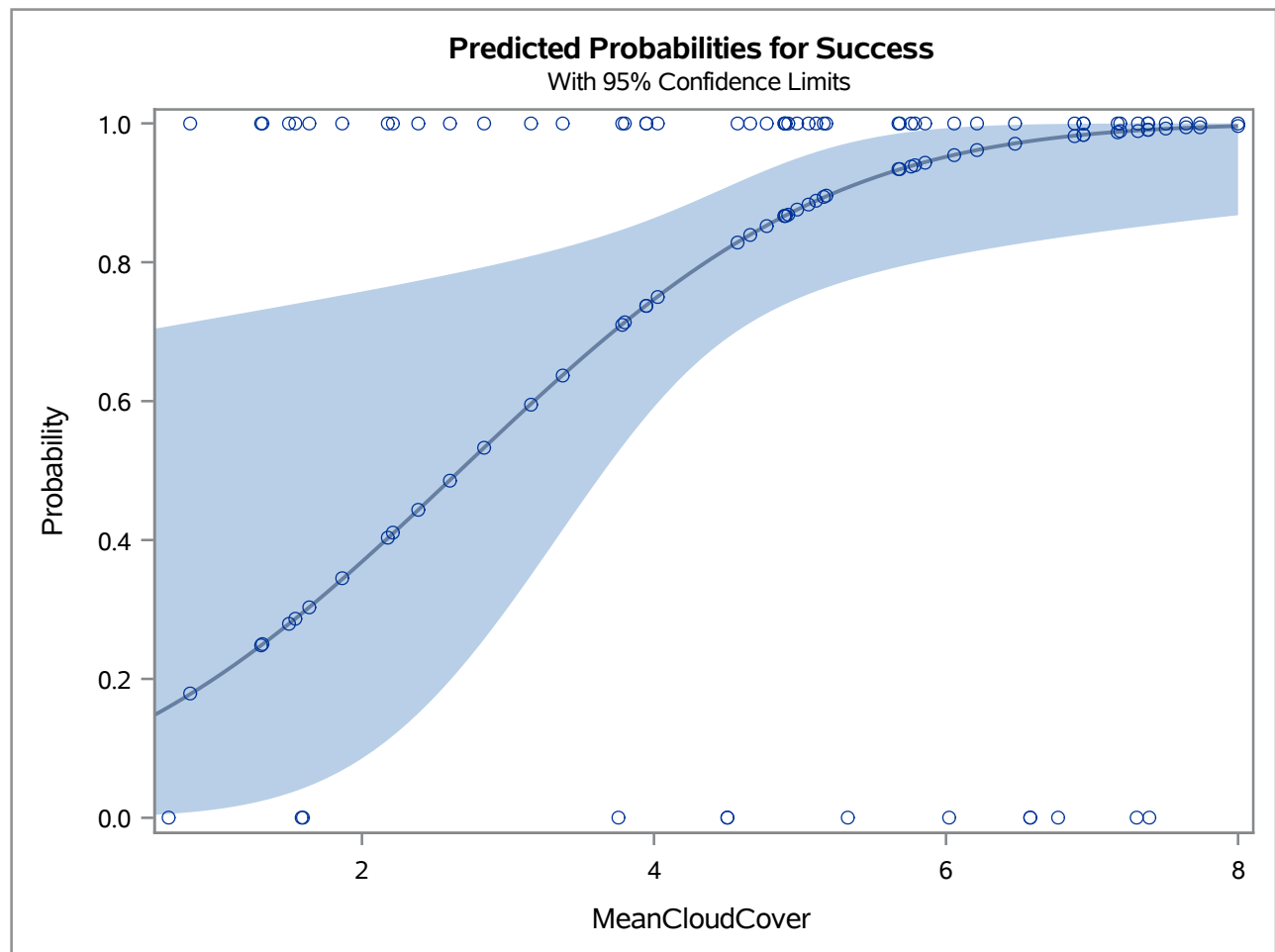| Last Evaluation of the Negative of the Gradient					
Intercept	MeanCloudCover	SunDuration	MeanCloudVapor	MeanRelHumid	PrecipForm
-4.429431E-9	-2.272541E-8	-2.621604E-8	-3.977125E-8	-3.498082E-7	-2.038977E-9

Last Evaluation of the Negative of the Hessian					
	Intercept	MeanCloudCover	SunDuration	MeanCloudVapor	MeanRelHumid	PrecipForm
Intercept	25.497398775	118.01064515	139.88429866	240.73603993	1933.9770423	28.066975275
MeanCloudCover	118.01064515	662.79093811	488.07441733	1128.9731993	9232.450806	190.67378651
SunDuration	139.88429866	488.07441733	1100.741358	1424.4232781	10049.716831	60.405924575
MeanCloudVapor	240.73603993	1128.9731993	1424.4232781	2742.0489512	18248.593929	193.02854061
MeanRelHumid	1933.9770423	9232.450806	10049.716831	18248.593929	148302.4417	2349.5906419
PrecipForm	28.066975275	190.67378651	60.405924575	193.02854061	2349.5906419	146.73856165

Algorithm converged.

Type III Analysis of Effects			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
MeanCloudCover	1	5.7964	0.0161
SunDuration	1	7.6977	0.0055
MeanCloudVapor	1	6.0802	0.0137
MeanRelHumid	1	4.7985	0.0285
PrecipForm	1	5.6422	0.0175

Analysis of Maximum Likelihood Parameter Estimates							
Parameter	**DF**	**Estimate**	**Standard Error**	**95% Confidence Limits**		**Chi-Square**	**Pr > ChiSq**
Intercept	1	-9.4146	4.0401	-17.3329	-1.4962	5.43	0.0198
MeanCloudCover	1	0.4995	0.2075	0.0929	0.9062	5.80	0.0161
SunDuration	1	0.4078	0.1470	0.1197	0.6960	7.70	0.0055
MeanCloudVapor	1	-0.1661	0.0673	-0.2980	-0.0341	6.08	0.0137
MeanRelHumid	1	0.0986	0.0450	0.0104	0.1868	4.80	0.0285
PrecipForm	1	-0.3156	0.1328	-0.5759	-0.0552	5.64	0.0175

The Probit Procedure

Predicted Probabilities for Success
With 95% Confidence Limits

The Probit Procedure

Predicted Cumulative Probabilities for Success
With 95% Confidence Limits
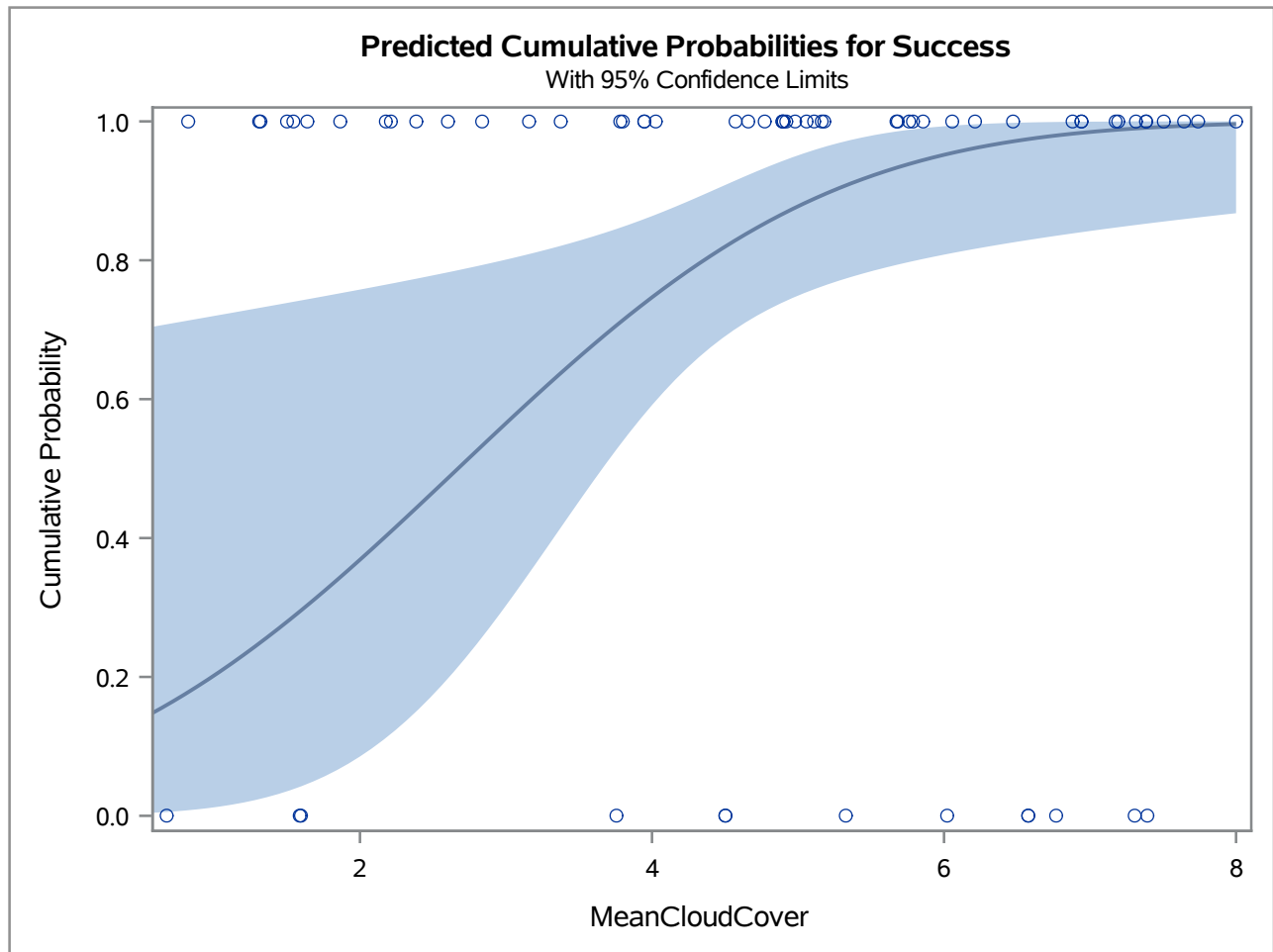
Obs	Success	Month	Day	Year	Country	DefCity	DefCountry
1	Failure	9	3	1939	United Kingdom	Wilhelmshaven	Germany
2	Failure	9	3	1939	United Kingdom	Wilhelmshaven	Germany
3	Failure	9	4	1939	United Kingdom	Wilhelmshaven	Germany
4	Failure	9	4	1939	United Kingdom	Wilhelmshaven	Germany
5	Success	12	18	1939	Germany	Wilhelmshaven	Germany
6	Success	5	15	1940	United Kingdom	Ruhr	Germany
7	Success	5	19	1940	France	Berlin	Germany
8	Success	6	7	1940	France	Berlin	Germany
9	Success	8	25	1940	United Kingdom	Berlin	Germany
10	Success	1	21	1941	Germany	Berlin	Germany
11	Success	3	31	1941	United Kingdom	Emden	Germany
12	Success	8	8	1941	Soviet Union	Berlin	Germany
13	Success	9	7	1941	United Kingdom	Berlin	Germany
14	Failure	11	7	1941	United Kingdom	Berlin	Germany
15	Success	12	7	1941	United Kingdom	Aachen	Germany
16	Success	3	8	1942	United Kingdom	Essen	Germany
17	Success	3	13	1942	United Kingdom	Cologne	Germany
18	Failure	3	25	1942	United Kingdom	Essen	Germany

Obs	Latitude	Longitude	Probability	Estimate	StdDev	Prediction
1	53.53234	8.106872	0.66446	0.42466	0.41394	Success
2	53.53234	8.106872	0.66446	0.42466	0.41394	Success
3	53.53234	8.106872	0.31551	-0.48028	0.55374	Failure
4	53.53234	8.106872	0.31551	-0.48028	0.55374	Failure
5	53.53234	8.106872	0.68564	0.48354	0.67246	Success
6	51.37315	7.629154	0.91003	1.34097	0.48852	Success
7	52.52001	13.40495	0.90865	1.33250	0.57347	Success
8	52.52001	13.40495	0.91855	1.39536	0.57306	Success
9	52.52001	13.40495	0.91912	1.39916	0.45529	Success
10	52.52001	13.40495	0.93082	1.48195	0.50165	Success
11	53.3594	7.20601	0.98835	2.26853	0.58282	Success
12	52.52001	13.40495	0.96204	1.77484	0.47742	Success
13	52.52001	13.40495	0.80623	0.86407	0.25721	Success
14	52.52001	13.40495	0.89578	1.25789	0.34229	Success
15	50.77535	6.083887	0.34183	-0.40746	0.71830	Failure
16	51.45564	7.011555	0.85692	1.06658	0.44016	Success
17	50.93753	6.960279	0.72024	0.58355	0.52008	Success
18	51.45564	7.011555	0.86409	1.09886	0.39849	Success

Obs	Success	Month	Day	Year	Country	DefCity	DefCountry
19	Success	3	28	1942	United Kingdom	Lubeck	Germany
20	Success	4	8	1942	United Kingdom	Hamburg	Germany
21	Failure	4	17	1942	United Kingdom	Augsburg	Germany
22	Success	4	23	1942	Germany	Norwich	Germany
23	Success	4	24	1942	United Kingdom	Rostock	Germany
24	Success	5	30	1942	United Kingdom	Cologne	Germany
25	Success	6	25	1942	United Kingdom	Bremen	Germany
26	Success	9	2	1942	United Kingdom	Karlsruhe	Germany
27	Failure	12	22	1942	United Kingdom	Frankfurt	Germany
28	Success	1	27	1943	United States	Wilhelmshaven	Germany
29	Success	3	5	1943	United Kingdom	Essen	Germany
30	Success	4	13	1943	United States	Bremen	Germany
31	Success	5	17	1943	United Kingdom	Dortmund	Germany
32	Success	6	11	1943	United Kingdom	Munster	Germany
33	Success	6	13	1943	Germany	Bremen	Germany
34	Failure	6	26	1943	United States	Regensburg	Germany
35	Success	6	20	1943	United Kingdom	Friedrichshaf	Germany
36	Success	7	19	1943	United States	Rome	Germany

Obs	Latitude	Longitude	Probability	Estimate	StdDev	Prediction
19	53.86547	10.68656	0.95162	1.66080	0.51097	Success
20	53.55108	9.993682	0.90850	1.33157	0.30687	Success
21	48.37054	10.89779	0.78455	0.78766	0.44774	Success
22	52.63089	12.97355	0.84642	1.02121	0.40782	Success
23	54.09244	12.09915	0.98061	2.06652	0.57156	Success
24	50.93753	6.960279	0.94796	1.62535	0.38928	Success
25	53.0793	8.801694	0.76329	0.71692	0.35597	Success
26	49.00689	8.403653	0.67672	0.45856	0.41983	Success
27	50.11092	8.682127	0.64300	0.36648	0.44838	Success
28	53.53234	8.106872	0.97497	1.95939	0.61905	Success
29	51.45564	7.011555	0.50462	0.01157	0.46607	Success
30	53.0793	8.801694	0.96471	1.80818	0.45005	Success
31	51.51359	7.465298	0.92300	1.42555	0.47555	Success
32	51.96066	7.626135	0.97511	1.96178	0.57298	Success
33	53.0793	8.801694	0.95582	1.70413	0.45272	Success
34	49.01343	12.10162	0.70577	0.54106	0.34080	Success
35	47.66176	9.480011	0.91981	1.40382	0.56678	Success
36	52.51579	13.39408	0.88547	1.20276	0.44377	Success

Obs	Success	Month	Day	Year	Country	DefCity	DefCountry
37	Success	7	24	1943	United States	Hamburg	Germany
38	Success	8	17	1943	United Kingdom	Greifswald	Germany
39	Success	8	18	1943	Germany	Hamburg	Germany
40	Failure	10	10	1943	United States	Munster	Germany
41	Failure	10	14	1943	United States	Schweinfurt	Germany
42	Success	11	1	1943	United States	Berlin	Germany
43	Success	11	3	1943	United States	Wilhelmshaven	Germany
44	Success	11	18	1943	United Kingdom	Berlin	Germany
45	Success	11	22	1943	United Kingdom	Berlin	Germany
46	Failure	2	19	1944	United Kingdom	Leipzig	Germany
47	Success	2	20	1944	United States	Schweinfurt	Germany
48	Success	3	6	1944	United States	Berlin	Germany
49	Failure	3	1	1944	United Kingdom	Berlin	Germany
50	Success	7	23	1944	United Kingdom	Kiel	Germany
51	Success	7	26	1944	Germany	Berlin	Germany
52	Success	7	28	1944	Germany	Merseburg	Germany
53	Success	8	27	1944	United Kingdom	Hamburg	Germany
54	Success	2	3	1945	United States	Berlin	Germany

Obs	Latitude	Longitude	Probability	Estimate	StdDev	Prediction
37	53.55108	9.993682	0.92460	1.43673	0.47002	Success
38	54.08655	13.39234	0.91183	1.35208	0.44909	Success
39	53.55108	9.993682	0.72070	0.58491	0.35337	Success
40	51.96066	7.626135	0.73301	0.62193	0.58412	Success
41	50.0492	10.21942	0.75454	0.68885	0.37550	Success
42	52.52001	13.40495	0.35030	-0.38452	0.56895	Failure
43	53.53234	8.106872	0.95084	1.65304	0.55525	Success
44	52.52001	13.40495	0.99505	2.57909	0.71567	Success
45	52.52001	13.40495	0.99427	2.52842	0.77995	Success
46	51.3397	12.37307	0.65689	0.40400	0.60228	Success
47	50.0492	10.21942	0.94378	1.58728	0.48219	Success
48	52.52001	13.40495	0.71707	0.57416	0.63428	Success
49	52.52001	13.40495	0.55073	0.12751	0.60744	Success
50	54.32329	10.12277	0.99267	2.44086	0.75632	Success
51	52.52001	13.40495	0.66819	0.43492	0.40354	Success
52	51.35633	11.99175	0.66964	0.43893	0.38842	Success
53	53.55108	9.993682	0.60805	0.27423	0.57488	Success
54	52.52001	13.40495	0.86508	1.10345	0.34971	Success

Obs	Success	Month	Day	Year	Country	DefCity	DefCountry
55	Success	2	13	1945	United Kingdom	Dresden	Germany
56	Success	3	12	1945	United Kingdom	Dortmund	Germany
57	Success	3	14	1945	United Kingdom	Bielefeld	Germany
58	Success	2	1	1945	United Kingdom	Heildeshime	Germany
59	Success	3	17	1945	Germany	Remagen	Germany
60	Success	3	18	1945	Germany	Berlin	Germany
61	Success	3	22	1945	United States	Oppenheim	Germany
62	Success	5	2	1945	United Kingdom	Kiel	Germany
63	Success	5	3	1945	United Kingdom	Lubeck	Germany
64	Success	5	7	1945	United States	Berlin	Germany

Obs	Latitude	Longitude	Probability	Estimate	StdDev	Prediction
55	51.05041	13.73726	0.94305	1.58089	0.44191	Success
56	51.51359	7.465298	0.87035	1.12807	0.51857	Success
57	52.03023	8.532471	0.84052	0.99660	0.44295	Success
58	52.15478	9.957965	0.96110	1.76357	0.58066	Success
59	50.57328	7.238553	0.74208	0.64978	0.43530	Success
60	52.52001	13.40495	0.90511	1.31123	0.39366	Success
61	49.85192	8.360274	0.46521	-0.08732	0.49656	Failure
62	54.32329	10.12277	0.92493	1.43906	0.39278	Success
63	53.86547	10.68656	0.56680	0.16822	0.36895	Success
64	52.52001	13.40495	0.97428	1.94776	0.52222	Success