

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Number of Observations Read	399574
Number of Observations Used	399574

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	14670494	1630055	1171.54	<.0001
Error	399564	555944743	1391.37846		
Corrected Total	399573	570615237			

Root MSE	37.30119	R-Square	0.0257
Dependent Mean	9.43419	Adj R-Sq	0.0257
Coeff Var	395.38313		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-2.81371	0.20794	-13.53	<.0001
CRSDepTime	1	0.00025422	0.00000656	38.74	<.0001
SeqNum	1	-0.02787	0.00254	-10.99	<.0001
ArrDelayLagInd	1	0.91324	0.15034	6.07	<.0001
ArrDelayLag	1	0.00245	0.00180	1.36	0.1743
ArrDelayLagCum	1	0.00603	0.00010109	59.67	<.0001
ArrDelayLag2	1	0.00192	0.00181	1.06	0.2897
ArrDelayLag2Ind	1	0.67884	0.15012	4.52	<.0001
CancelledLag	1	-0.22573	0.56984	-0.40	0.6920
DistanceLag	1	0.00052068	0.00010591	4.92	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=AA

Number of Observations Read	36133
Number of Observations Used	36133

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	945550	105061	45.49	<.0001
Error	36123	83427211	2309.53163		
Corrected Total	36132	84372761			

Root MSE	48.05759	R-Square	0.0112
Dependent Mean	10.98229	Adj R-Sq	0.0110
Coeff Var	437.59177		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-0.48401	0.90846	-0.53	0.5942
CRSDepTime	1	0.00029328	0.00002912	10.07	<.0001
SeqNum	1	-0.07455	0.01715	-4.35	<.0001
ArrDelayLagInd	1	0.13000	0.62168	0.21	0.8344
ArrDelayLag	1	-0.00015582	0.00594	-0.03	0.9791
ArrDelayLagCum	1	0.00693	0.00065732	10.55	<.0001
ArrDelayLag2	1	0.00224	0.00601	0.37	0.7098
ArrDelayLag2Ind	1	0.31074	0.62088	0.50	0.6167
CancelledLag	1	-4.24706	1.82665	-2.33	0.0201
DistanceLag	1	0.00010124	0.00043354	0.23	0.8154

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=AS

Number of Observations Read	12054
Number of Observations Used	12054

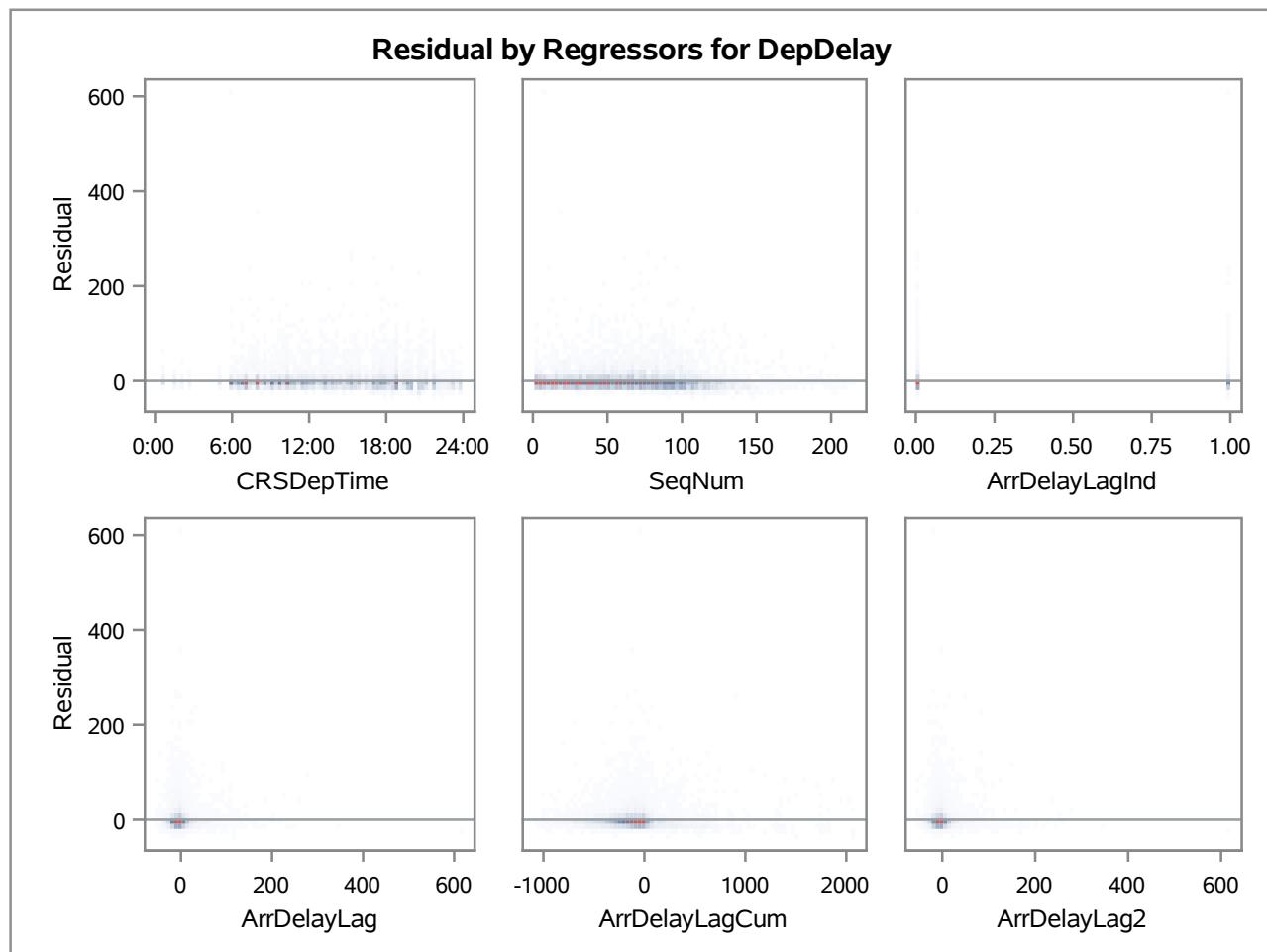
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	70953	7883.65929	20.25	<.0001
Error	12044	4688085	389.24648		
Corrected Total	12053	4759038			

Root MSE	19.72933	R-Square	0.0149
Dependent Mean	-0.13796	Adj R-Sq	0.0142
Coeff Var	-14301		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-4.08496	0.64726	-6.31	<.0001
CRSDepTime	1	0.00008535	0.00002309	3.70	0.0002
SeqNum	1	0.00040225	0.01176	0.03	0.9727
ArrDelayLagInd	1	-0.44370	0.49256	-0.90	0.3677
ArrDelayLag	1	0.02545	0.01051	2.42	0.0155
ArrDelayLagCum	1	0.00652	0.00067523	9.65	<.0001
ArrDelayLag2	1	0.01529	0.01046	1.46	0.1441
ArrDelayLag2Ind	1	-0.80391	0.49187	-1.63	0.1022
CancelledLag	1	-2.38874	3.44556	-0.69	0.4881
DistanceLag	1	0.00085218	0.00026126	3.26	0.0011

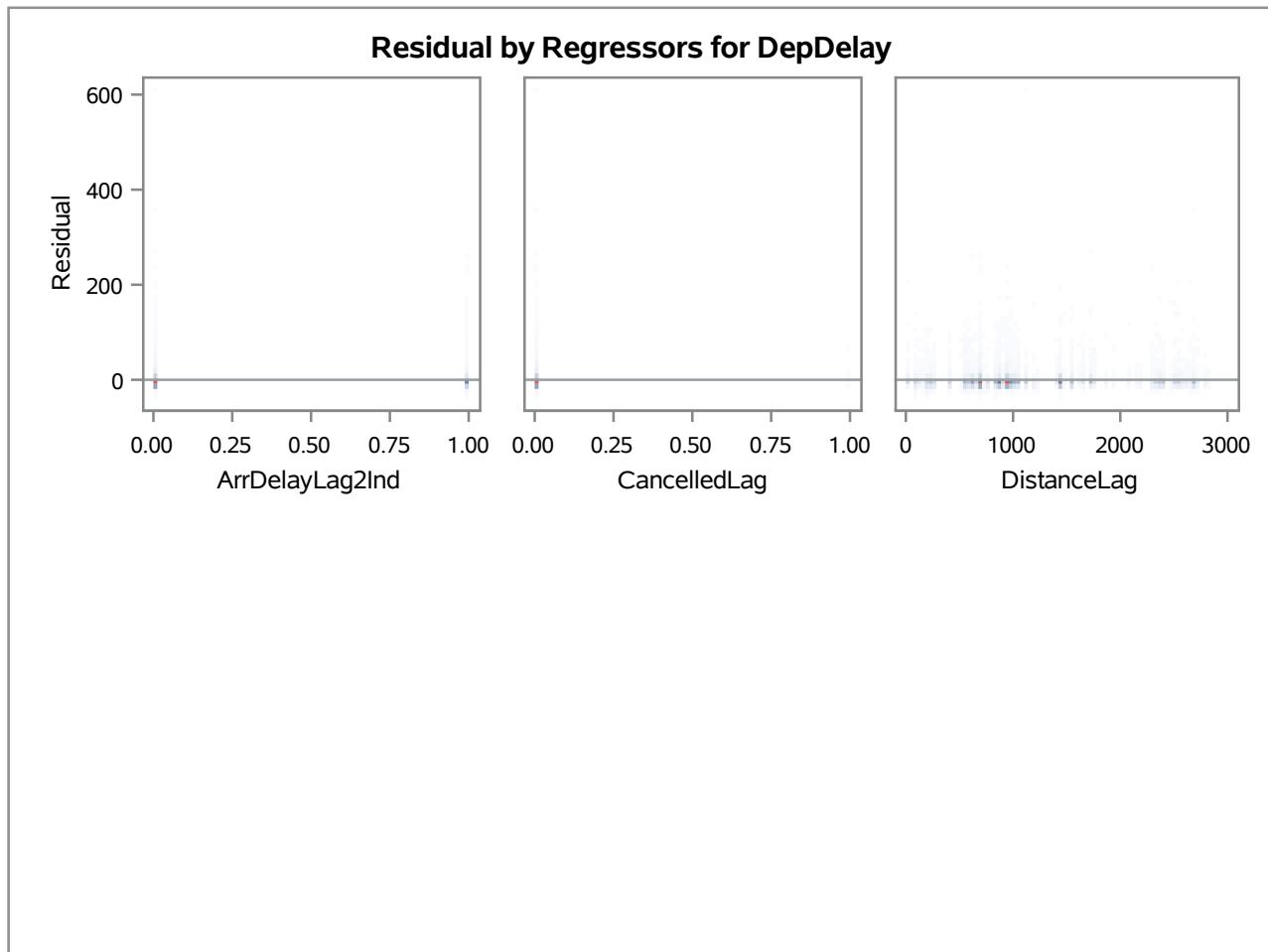
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=AS



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=AS



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=B6

Number of Observations Read	19215
Number of Observations Used	19215

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	920610	102290	91.01	<.0001
Error	19205	21585230	1123.93802		
Corrected Total	19214	22505839			

Root MSE	33.52518	R-Square	0.0409
Dependent Mean	7.15129	Adj R-Sq	0.0405
Coeff Var	468.79925		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-7.23783	0.83436	-8.67	<.0001
CRSDepTime	1	0.00025446	0.00002804	9.07	<.0001
SeqNum	1	0.04773	0.01310	3.64	0.0003
ArrDelayLagInd	1	0.45826	0.71158	0.64	0.5196
ArrDelayLag	1	-0.00627	0.00867	-0.72	0.4693
ArrDelayLagCum	1	0.00800	0.00070727	11.31	<.0001
ArrDelayLag2	1	0.00323	0.00871	0.37	0.7110
ArrDelayLag2Ind	1	-0.19526	0.71067	-0.27	0.7835
CancelledLag	1	6.24223	2.76066	2.26	0.0238
DistanceLag	1	0.00055013	0.00040953	1.34	0.1792

The REG Procedure
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Carrier=DL

Number of Observations Read	61061
Number of Observations Used	61061

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	1841275	204586	146.37	<.0001
Error	61051	85335094	1397.76734		
Corrected Total	61060	87176369			

Root MSE	37.38673	R-Square	0.0211
Dependent Mean	7.51011	Adj R-Sq	0.0210
Coeff Var	497.81844		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-2.65327	0.54764	-4.84	<.0001
CRSDepTime	1	0.00015040	0.00001960	7.67	<.0001
SeqNum	1	0.06196	0.00865	7.16	<.0001
ArrDelayLagInd	1	0.22003	0.41063	0.54	0.5921
ArrDelayLag	1	-0.00355	0.00456	-0.78	0.4369
ArrDelayLagCum	1	0.00640	0.00038309	16.72	<.0001
ArrDelayLag2	1	0.00106	0.00459	0.23	0.8171
ArrDelayLag2Ind	1	-0.29295	0.41168	-0.71	0.4767
CancelledLag	1	1.28254	3.52501	0.36	0.7160
DistanceLag	1	-0.00007055	0.00027243	-0.26	0.7957

The REG Procedure
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Carrier=EV

Number of Observations Read	39783
Number of Observations Used	39783

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	1083967	120441	72.23	<.0001
Error	39773	66323471	1667.55013		
Corrected Total	39782	67407438			

Root MSE	40.83565	R-Square	0.0161
Dependent Mean	9.78101	Adj R-Sq	0.0159
Coeff Var	417.49921		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-1.54639	0.97792	-1.58	0.1138
CRSDepTime	1	0.00021890	0.00003649	6.00	<.0001
SeqNum	1	-0.03289	0.01344	-2.45	0.0144
ArrDelayLagInd	1	-0.08782	0.51933	-0.17	0.8657
ArrDelayLag	1	-0.00133	0.00572	-0.23	0.8154
ArrDelayLagCum	1	0.00465	0.00028279	16.44	<.0001
ArrDelayLag2	1	-0.01153	0.00572	-2.02	0.0439
ArrDelayLag2Ind	1	1.51659	0.51529	2.94	0.0033
CancelledLag	1	1.60722	1.44397	1.11	0.2657
DistanceLag	1	0.00192	0.00079869	2.41	0.0160

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=F9

Number of Observations Read	6156
Number of Observations Used	6156

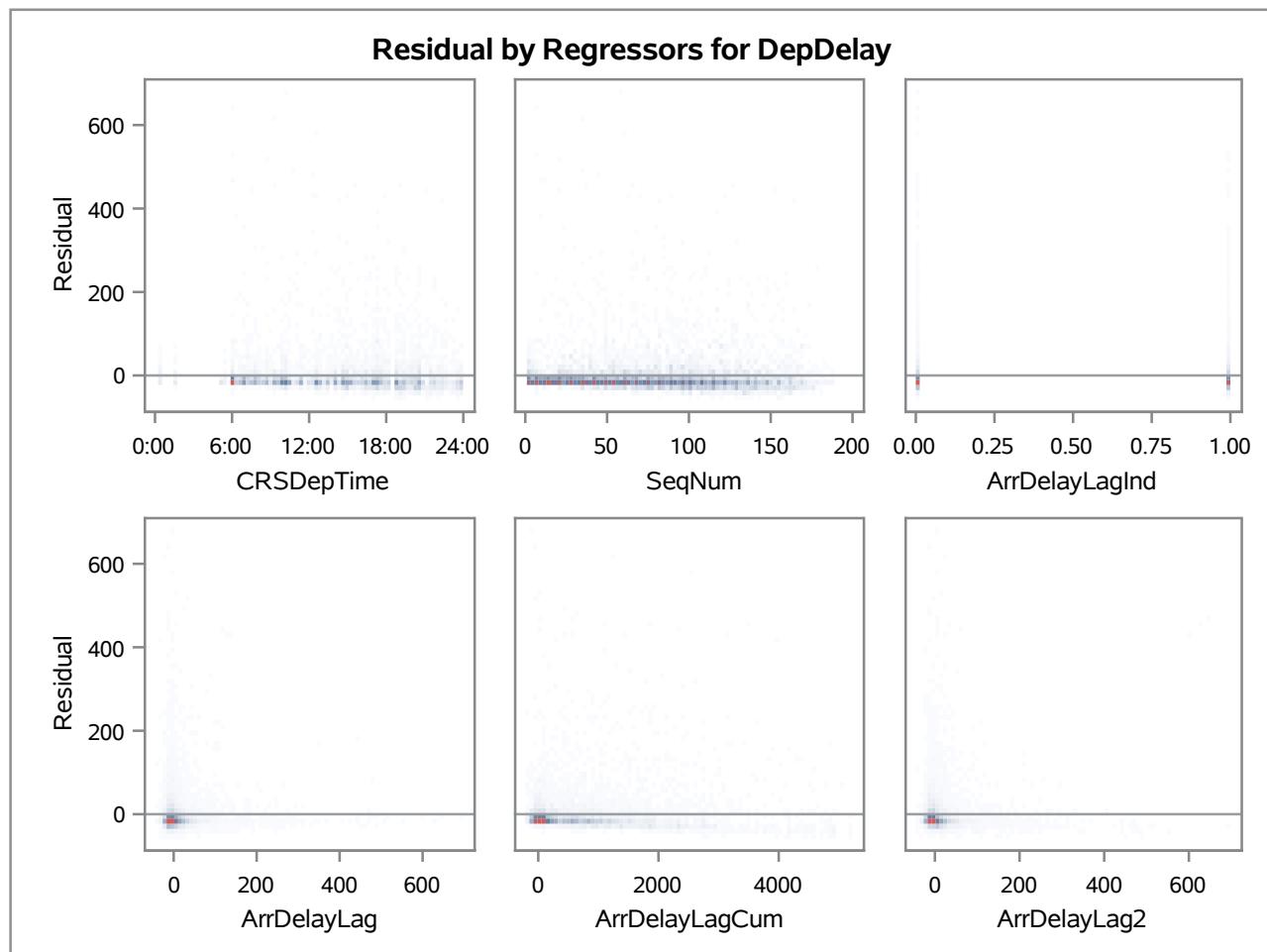
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	283212	31468	12.88	<.0001
Error	6146	15011482	2442.48002		
Corrected Total	6155	15294694			

Root MSE	49.42145	R-Square	0.0185
Dependent Mean	11.62687	Adj R-Sq	0.0171
Coeff Var	425.06247		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	6.81026	2.46861	2.76	0.0058
CRSDepTime	1	0.00003881	0.00008242	0.47	0.6377
SeqNum	1	-0.02116	0.03403	-0.62	0.5341
ArrDelayLagInd	1	-0.73631	1.44768	-0.51	0.6110
ArrDelayLag	1	-0.01640	0.01411	-1.16	0.2451
ArrDelayLagCum	1	0.00654	0.00082680	7.90	<.0001
ArrDelayLag2	1	0.02371	0.01413	1.68	0.0933
ArrDelayLag2Ind	1	1.98712	1.45043	1.37	0.1707
CancelledLag	1	-26.35082	34.99861	-0.75	0.4515
DistanceLag	1	-0.00144	0.00157	-0.91	0.3603

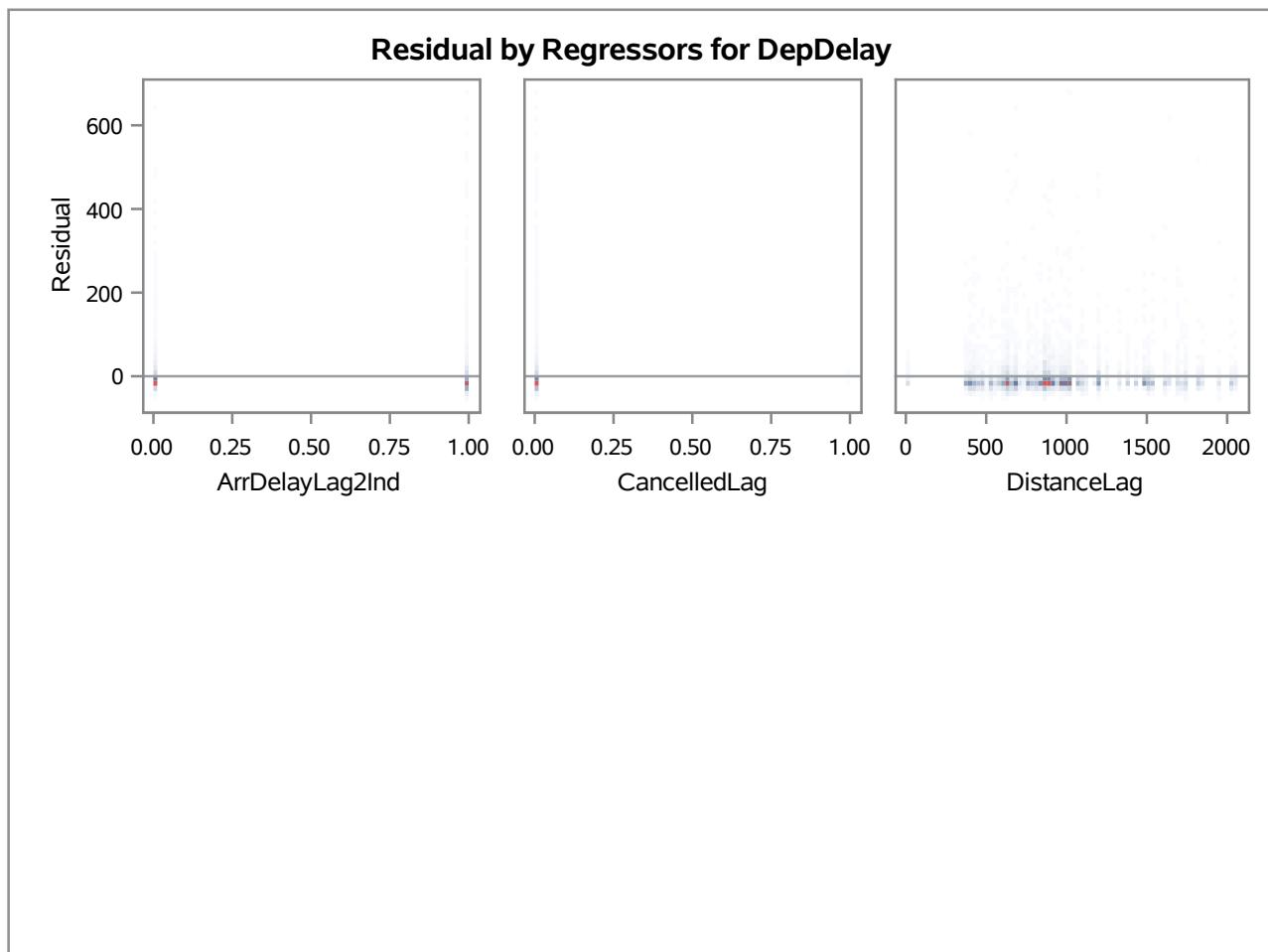
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=F9



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=F9



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=HA

Number of Observations Read	4326
Number of Observations Used	4326

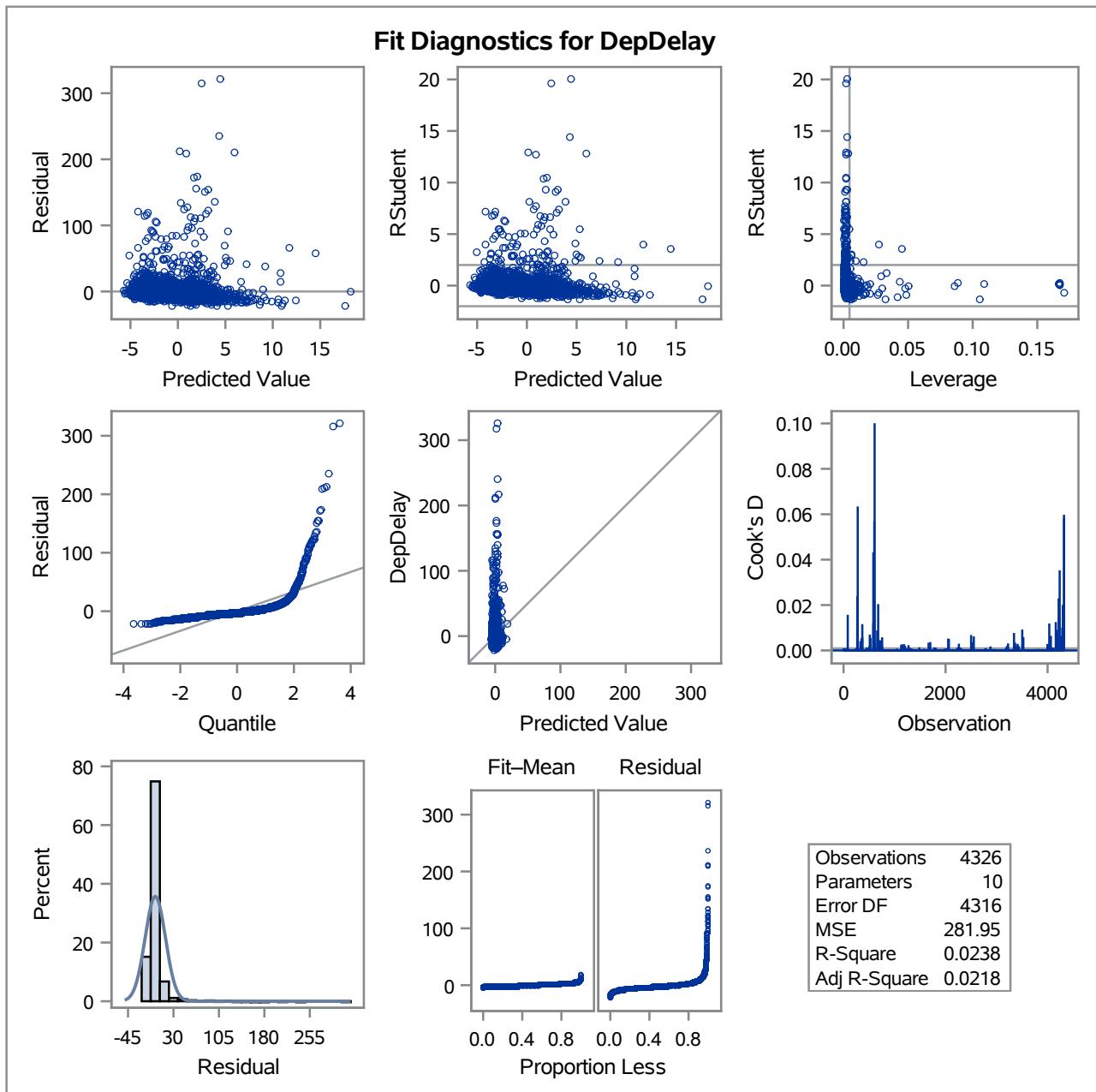
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	29684	3298.16746	11.70	<.0001
Error	4316	1216886	281.94761		
Corrected Total	4325	1246569			

Root MSE	16.79130	R-Square	0.0238
Dependent Mean	-1.25104	Adj R-Sq	0.0218
Coeff Var	-1342.18670		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-5.16423	0.96354	-5.36	<.0001
CRSDepTime	1	0.00008675	0.00003080	2.82	0.0049
SeqNum	1	-0.00855	0.00577	-1.48	0.1382
ArrDelayLagInd	1	-0.07239	0.63261	-0.11	0.9089
ArrDelayLag	1	0.04124	0.01659	2.49	0.0130
ArrDelayLagCum	1	0.00471	0.00120	3.92	<.0001
ArrDelayLag2	1	-0.02632	0.01687	-1.56	0.1187
ArrDelayLag2Ind	1	0.79328	0.63252	1.25	0.2099
CancelledLag	1	-2.07837	6.92866	-0.30	0.7642
DistanceLag	1	0.00097341	0.00034564	2.82	0.0049

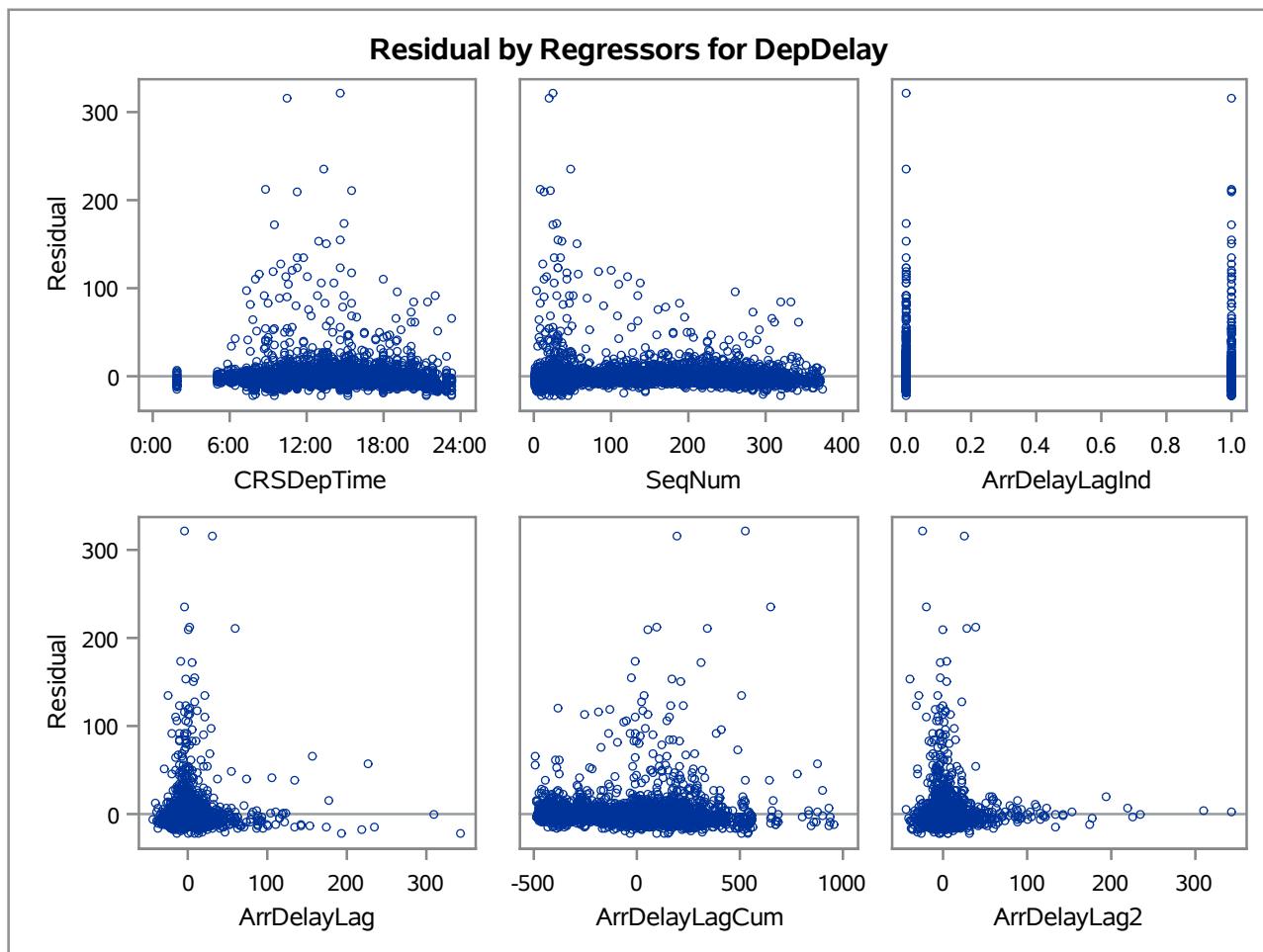
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=HA



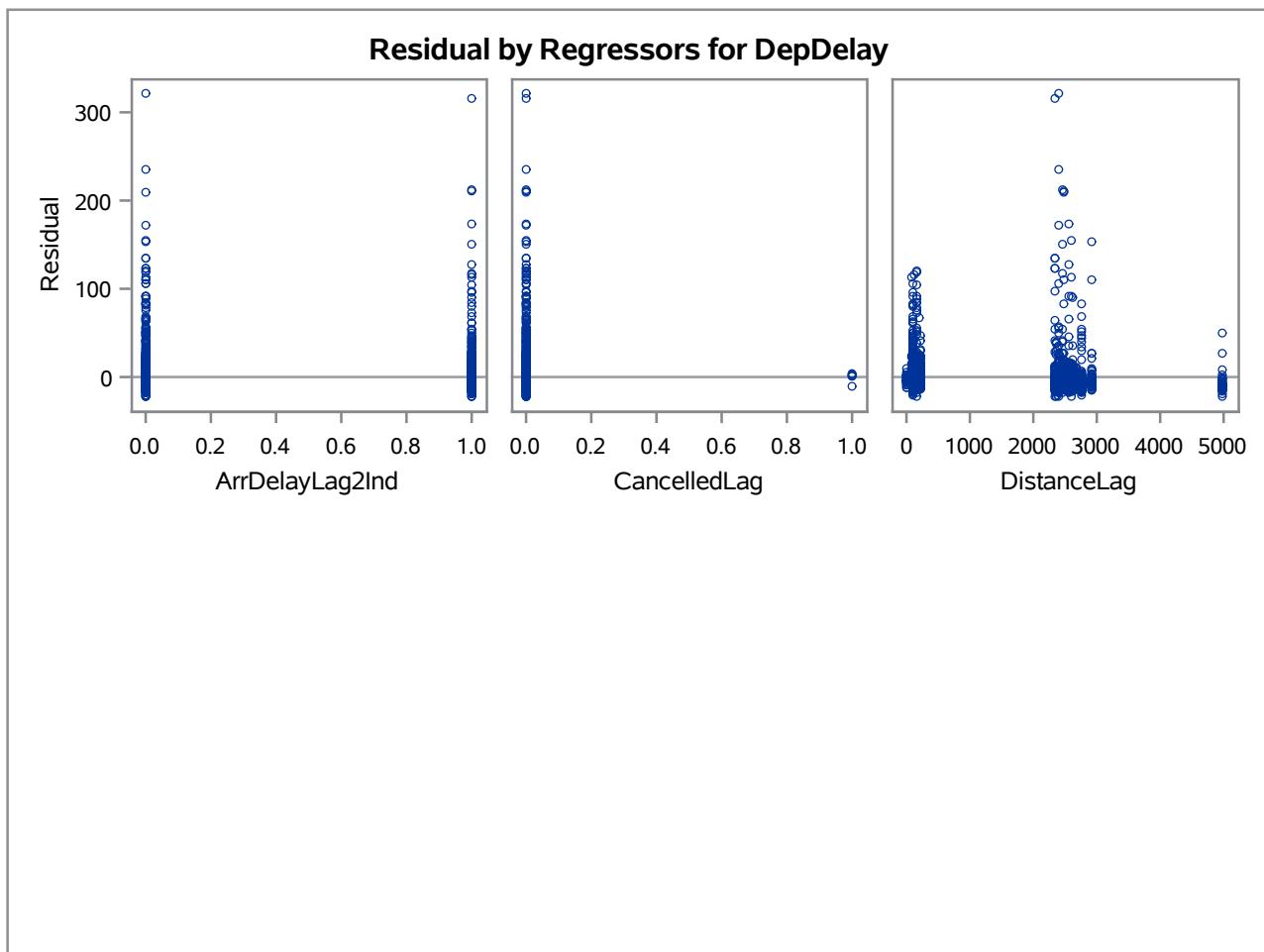
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=HA



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=HA



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=MQ

Number of Observations Read	20866
Number of Observations Used	20866

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	181271	20141	10.76	<.0001
Error	20856	39023963	1871.11444		
Corrected Total	20865	39205233			

Root MSE	43.25638	R-Square	0.0046
Dependent Mean	9.64962	Adj R-Sq	0.0042
Coeff Var	448.27023		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	1.80529	1.49208	1.21	0.2263
CRSDepTime	1	0.00024758	0.00005671	4.37	<.0001
SeqNum	1	-0.07573	0.01944	-3.90	<.0001
ArrDelayLagInd	1	0.11039	0.75210	0.15	0.8833
ArrDelayLag	1	-0.01256	0.00766	-1.64	0.1008
ArrDelayLagCum	1	0.00370	0.00057093	6.47	<.0001
ArrDelayLag2	1	-0.00538	0.00765	-0.70	0.4824
ArrDelayLag2Ind	1	0.29866	0.74314	0.40	0.6878
CancelledLag	1	0.44244	1.60319	0.28	0.7826
DistanceLag	1	0.00046410	0.00122	0.38	0.7031

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=NK

Number of Observations Read	7906
Number of Observations Used	7906

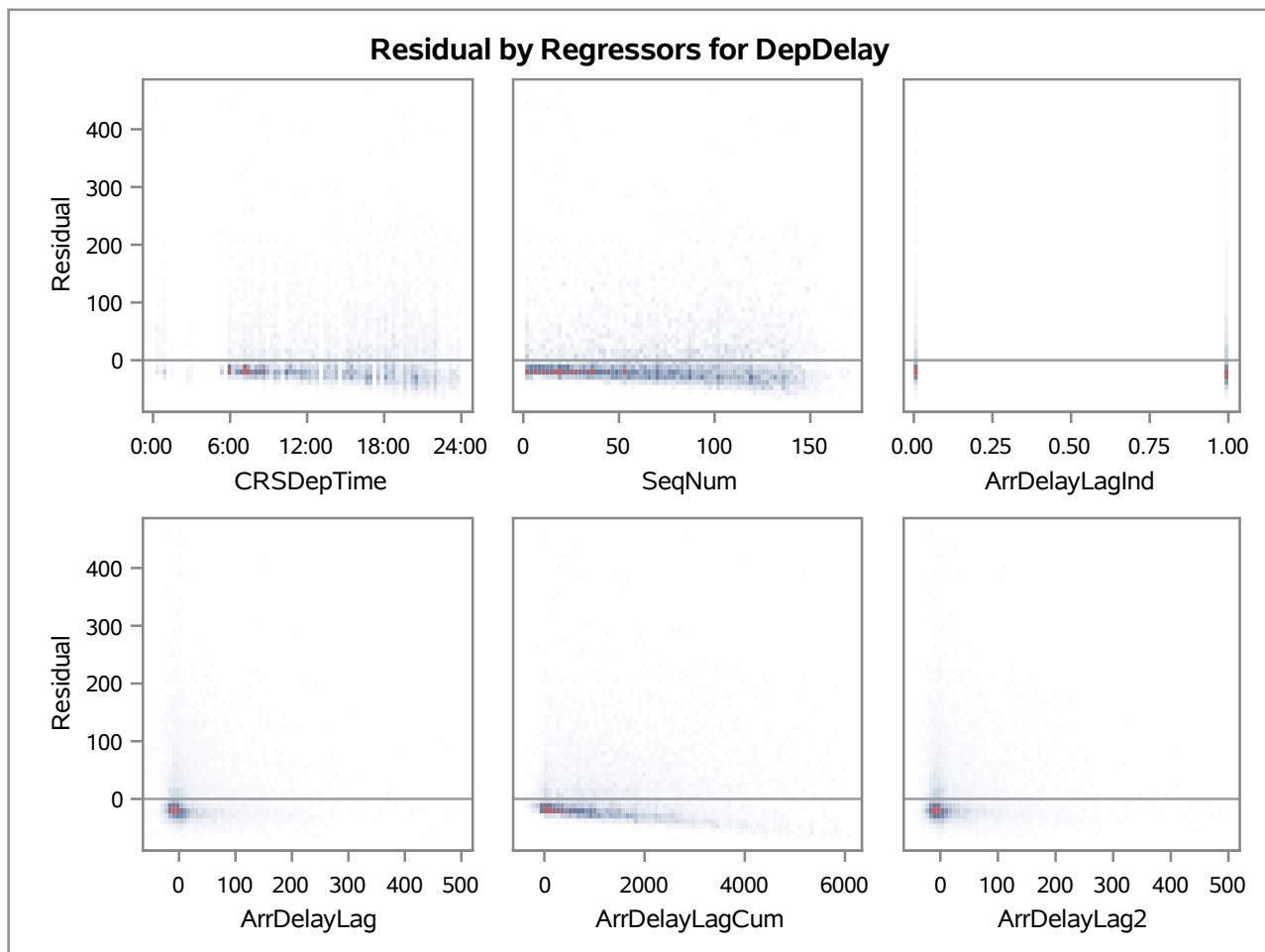
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	767931	85326	35.79	<.0001
Error	7896	18822307	2383.77743		
Corrected Total	7905	19590238			

Root MSE	48.82394	R-Square	0.0392
Dependent Mean	23.23223	Adj R-Sq	0.0381
Coeff Var	210.15609		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	18.66519	2.48518	7.51	<.0001
CRSDepTime	1	-0.00020021	0.00011268	-1.78	0.0756
SeqNum	1	0.05921	0.05471	1.08	0.2792
ArrDelayLagInd	1	4.78297	1.36258	3.51	0.0005
ArrDelayLag	1	-0.00366	0.01315	-0.28	0.7806
ArrDelayLagCum	1	0.00859	0.00074072	11.59	<.0001
ArrDelayLag2	1	-0.00207	0.01321	-0.16	0.8756
ArrDelayLag2Ind	1	0.83989	1.34727	0.62	0.5330
CancelledLag	1	3.64354	3.83971	0.95	0.3427
DistanceLag	1	-0.00417	0.00118	-3.54	0.0004

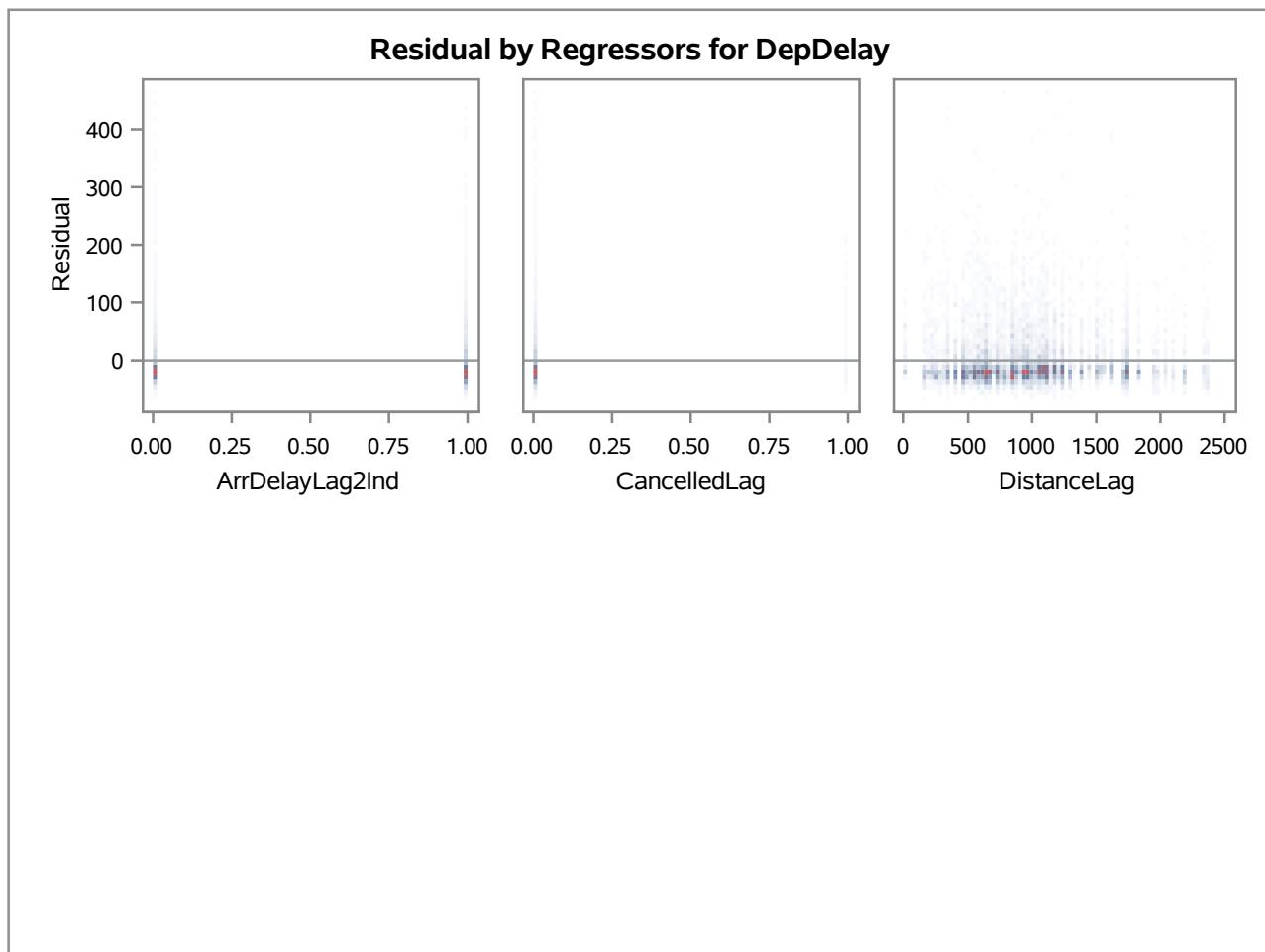
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=NK



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=NK



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=OO

Number of Observations Read	40097
Number of Observations Used	40097

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	911673	101297	90.58	<.0001
Error	40087	44830404	1118.32775		
Corrected Total	40096	45742078			

Root MSE	33.44141	R-Square	0.0199
Dependent Mean	5.89101	Adj R-Sq	0.0197
Coeff Var	567.66808		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-2.46413	0.72245	-3.41	0.0006
CRSDepTime	1	0.00021436	0.00002483	8.63	<.0001
SeqNum	1	-0.06794	0.00812	-8.36	<.0001
ArrDelayLagInd	1	1.19847	0.41756	2.87	0.0041
ArrDelayLag	1	0.00730	0.00576	1.27	0.2056
ArrDelayLagCum	1	0.00655	0.00032765	19.98	<.0001
ArrDelayLag2	1	-0.00487	0.00577	-0.84	0.3986
ArrDelayLag2Ind	1	0.53527	0.41570	1.29	0.1979
CancelledLag	1	2.34010	1.50338	1.56	0.1196
DistanceLag	1	0.00252	0.00054514	4.62	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=UA

Number of Observations Read	35124
Number of Observations Used	35124

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	1707539	189727	116.00	<.0001
Error	35114	57430217	1635.53617		
Corrected Total	35123	59137756			

Root MSE	40.44176	R-Square	0.0289
Dependent Mean	14.75763	Adj R-Sq	0.0286
Coeff Var	274.03968		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-0.09740	0.81297	-0.12	0.9046
CRSDepTime	1	0.00029406	0.00002941	10.00	<.0001
SeqNum	1	-0.01132	0.01844	-0.61	0.5392
ArrDelayLagInd	1	1.41259	0.54661	2.58	0.0098
ArrDelayLag	1	0.00284	0.00620	0.46	0.6472
ArrDelayLagCum	1	0.00656	0.00062649	10.47	<.0001
ArrDelayLag2	1	-0.00671	0.00624	-1.07	0.2826
ArrDelayLag2Ind	1	0.99166	0.54890	1.81	0.0708
CancelledLag	1	5.79884	6.74936	0.86	0.3903
DistanceLag	1	-0.00043724	0.00029781	-1.47	0.1421

The REG Procedure
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Dependent Variable: DepDelay

Carrier=US

Number of Observations Read	28274
Number of Observations Used	28274

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	363840	40427	57.79	<.0001
Error	28264	19771756	699.53849		
Corrected Total	28273	20135596			

Root MSE	26.44879	R-Square	0.0181
Dependent Mean	4.12980	Adj R-Sq	0.0178
Coeff Var	640.43736		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-1.87265	0.57998	-3.23	0.0012
CRSDepTime	1	0.00012296	0.00001980	6.21	<.0001
SeqNum	1	0.00957	0.00968	0.99	0.3230
ArrDelayLagInd	1	0.06933	0.41803	0.17	0.8683
ArrDelayLag	1	-0.00567	0.00671	-0.84	0.3985
ArrDelayLagCum	1	0.00775	0.00054930	14.11	<.0001
ArrDelayLag2	1	0.00360	0.00672	0.54	0.5919
ArrDelayLag2Ind	1	0.27126	0.41810	0.65	0.5165
CancelledLag	1	-4.15860	1.79747	-2.31	0.0207
DistanceLag	1	-0.00001173	0.00024473	-0.05	0.9618

The REG Procedure
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Dependent Variable: DepDelay

Carrier=VX

Number of Observations Read	4063
Number of Observations Used	4063

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	155565	17285	17.07	<.0001
Error	4053	4103944	1012.56950		
Corrected Total	4062	4259509			

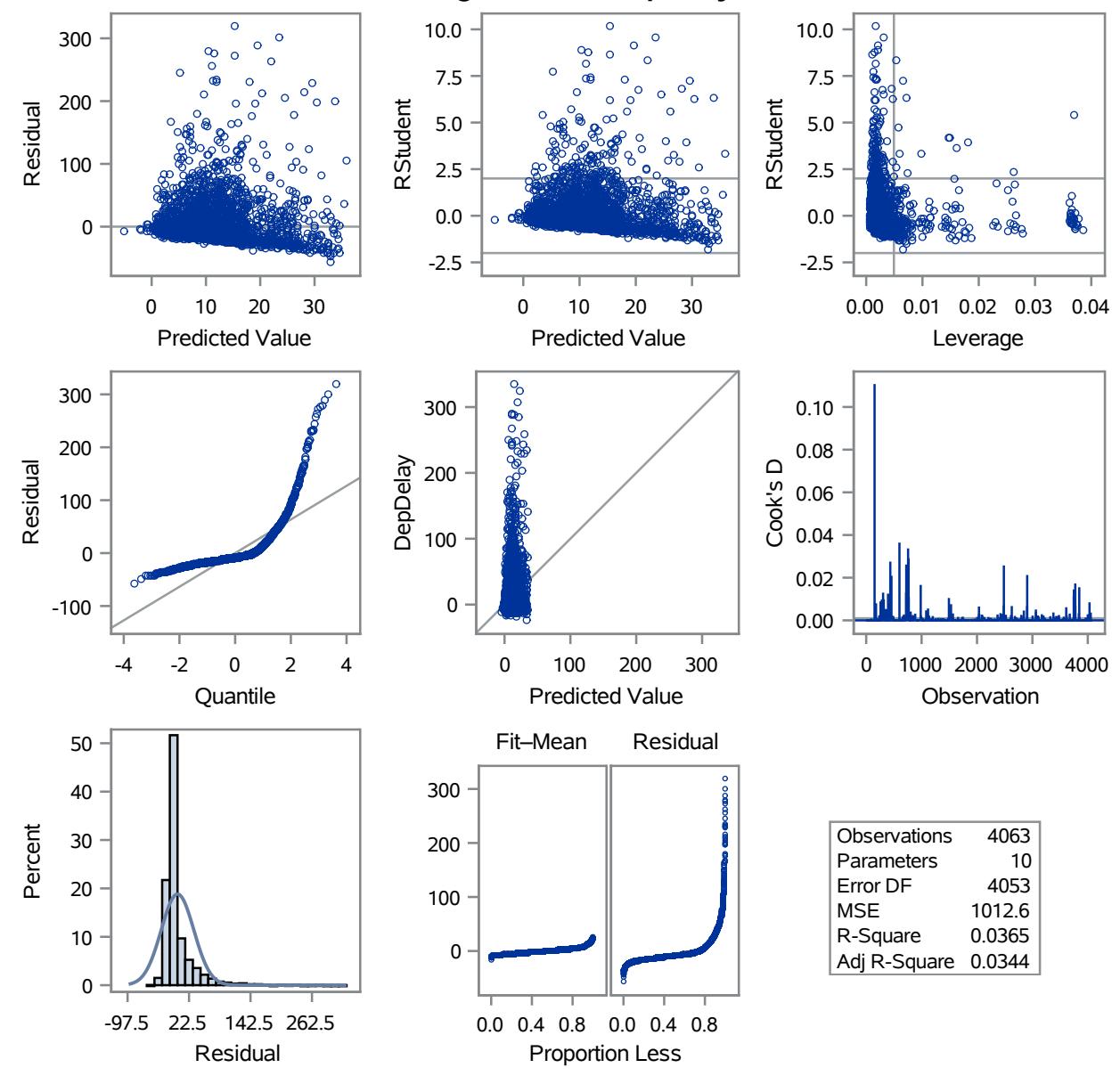
Root MSE	31.82090	R-Square	0.0365
Dependent Mean	10.56830	Adj R-Sq	0.0344
Coeff Var	301.09762		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	6.87652	2.49145	2.76	0.0058
CRSDepTime	1	-0.00019568	0.00010667	-1.83	0.0667
SeqNum	1	0.24867	0.06741	3.69	0.0002
ArrDelayLagInd	1	-0.64513	1.27046	-0.51	0.6116
ArrDelayLag	1	0.00129	0.01739	0.07	0.9410
ArrDelayLagCum	1	0.00207	0.00163	1.27	0.2050
ArrDelayLag2	1	-0.01648	0.01743	-0.95	0.3443
ArrDelayLag2Ind	1	2.55491	1.26968	2.01	0.0443
CancelledLag	1	-7.45418	6.08051	-1.23	0.2203
DistanceLag	1	-0.00063589	0.00056150	-1.13	0.2575

The REG Procedure
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 Dependent Variable: DepDelay

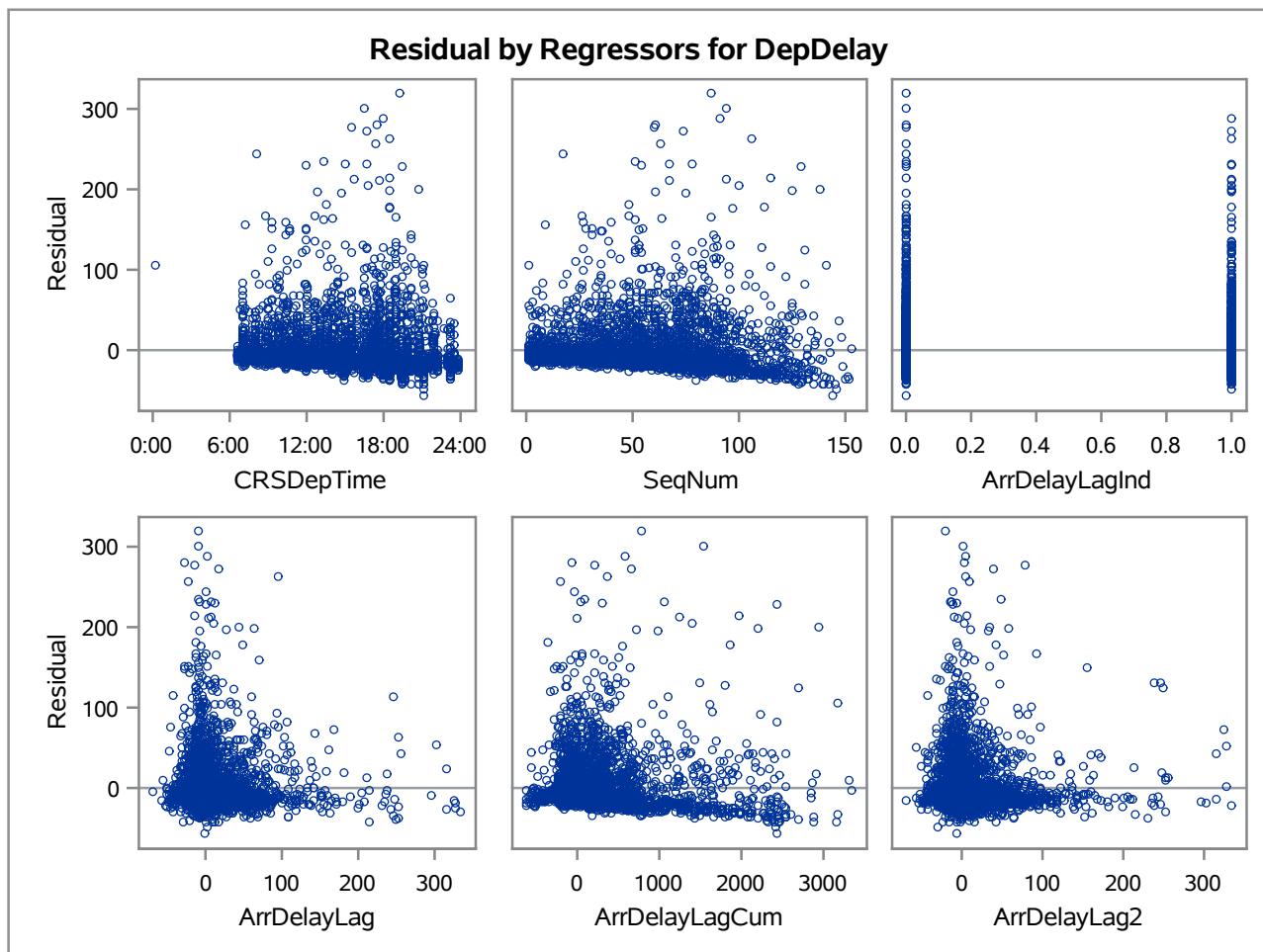
Carrier=VX

Fit Diagnostics for DepDelay



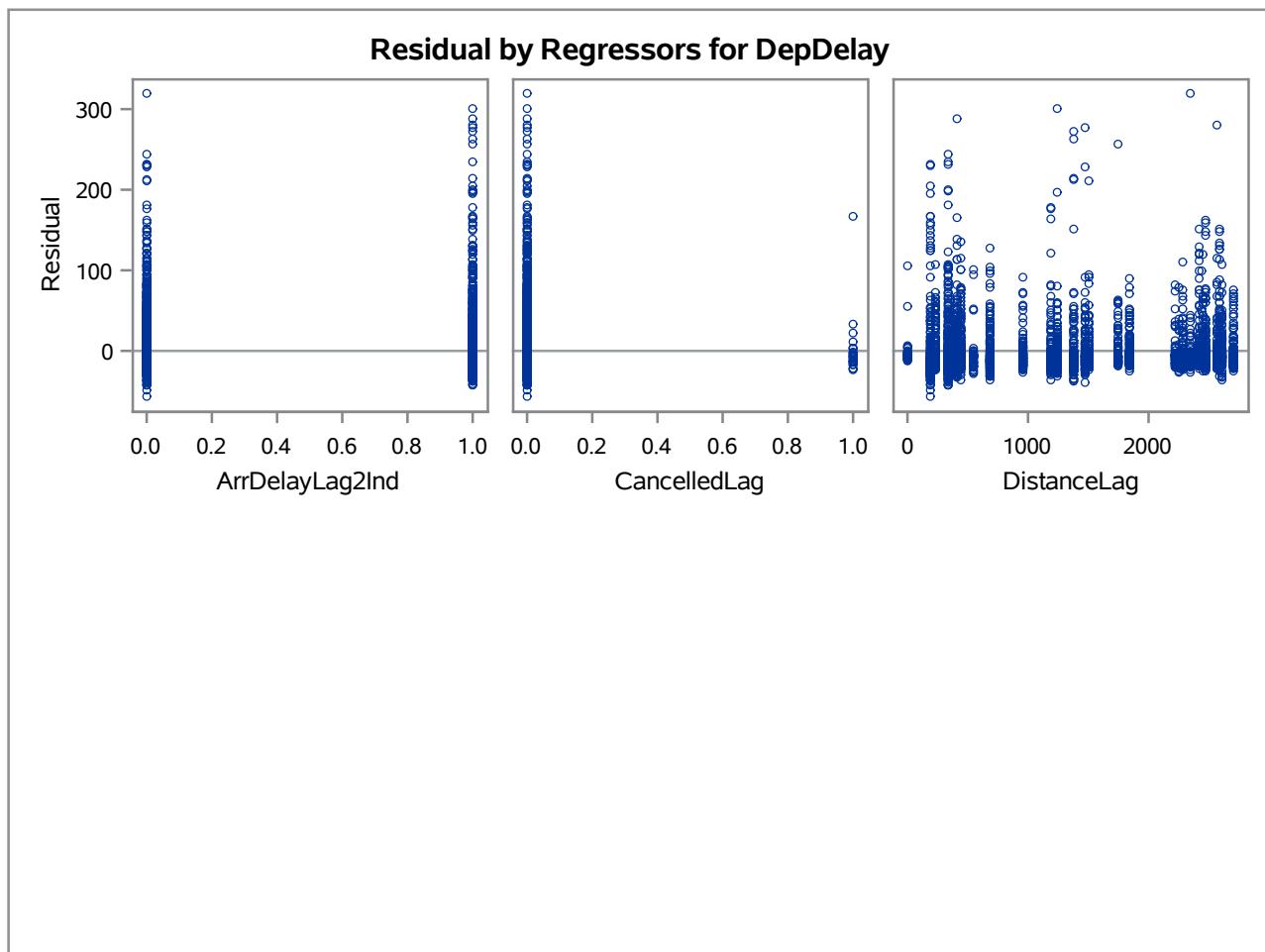
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=VX



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=VX



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=WN

Number of Observations Read	84516
Number of Observations Used	84516

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	5257408	584156	560.54	<.0001
Error	84506	88065928	1042.12634		
Corrected Total	84515	93323336			

Root MSE	32.28198	R-Square	0.0563
Dependent Mean	12.11535	Adj R-Sq	0.0562
Coeff Var	266.45519		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-4.79744	0.53316	-9.00	<.0001
CRSDepTime	1	0.00029662	0.00002227	13.32	<.0001
SeqNum	1	0.01398	0.00804	1.74	0.0820
ArrDelayLagInd	1	1.04722	0.28914	3.62	0.0003
ArrDelayLag	1	-0.00567	0.00401	-1.41	0.1575
ArrDelayLagCum	1	0.00443	0.00020924	21.18	<.0001
ArrDelayLag2	1	-0.00972	0.00402	-2.42	0.0157
ArrDelayLag2Ind	1	0.15318	0.28879	0.53	0.5958
CancelledLag	1	0.28826	1.16940	0.25	0.8053
DistanceLag	1	0.00017449	0.00025356	0.69	0.4914

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Number of Observations Read	36133
Number of Observations Used	36133

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	945550	105061	45.49	<.0001
Error	36123	83427211	2309.53163		
Corrected Total	36132	84372761			

Root MSE	48.05759	R-Square	0.0112
Dependent Mean	10.98229	Adj R-Sq	0.0110
Coeff Var	437.59177		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-0.48401	0.90846	-0.53	0.5942
CRSDepTime	1	0.00029328	0.00002912	10.07	<.0001
SeqNum	1	-0.07455	0.01715	-4.35	<.0001
ArrDelayLagInd	1	0.13000	0.62168	0.21	0.8344
ArrDelayLag	1	-0.00015582	0.00594	-0.03	0.9791
ArrDelayLagCum	1	0.00693	0.00065732	10.55	<.0001
ArrDelayLag2Ind	1	0.31074	0.62088	0.50	0.6167
ArrDelayLag2	1	0.00224	0.00601	0.37	0.7098
CancelledLag	1	-4.24706	1.82665	-2.33	0.0201
DistanceLag	1	0.00010124	0.00043354	0.23	0.8154

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=AA

Number of Observations Read	36133
Number of Observations Used	36133

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	945550	105061	45.49	<.0001
Error	36123	83427211	2309.53163		
Corrected Total	36132	84372761			

Root MSE	48.05759	R-Square	0.0112
Dependent Mean	10.98229	Adj R-Sq	0.0110
Coeff Var	437.59177		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-0.48401	0.90846	-0.53	0.5942
CRSDepTime	1	0.00029328	0.00002912	10.07	<.0001
SeqNum	1	-0.07455	0.01715	-4.35	<.0001
ArrDelayLagInd	1	0.13000	0.62168	0.21	0.8344
ArrDelayLag	1	-0.00015582	0.00594	-0.03	0.9791
ArrDelayLagCum	1	0.00693	0.00065732	10.55	<.0001
ArrDelayLag2Ind	1	0.31074	0.62088	0.50	0.6167
ArrDelayLag2	1	0.00224	0.00601	0.37	0.7098
CancelledLag	1	-4.24706	1.82665	-2.33	0.0201
DistanceLag	1	0.00010124	0.00043354	0.23	0.8154

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=AS

Number of Observations Read	12054
Number of Observations Used	12054

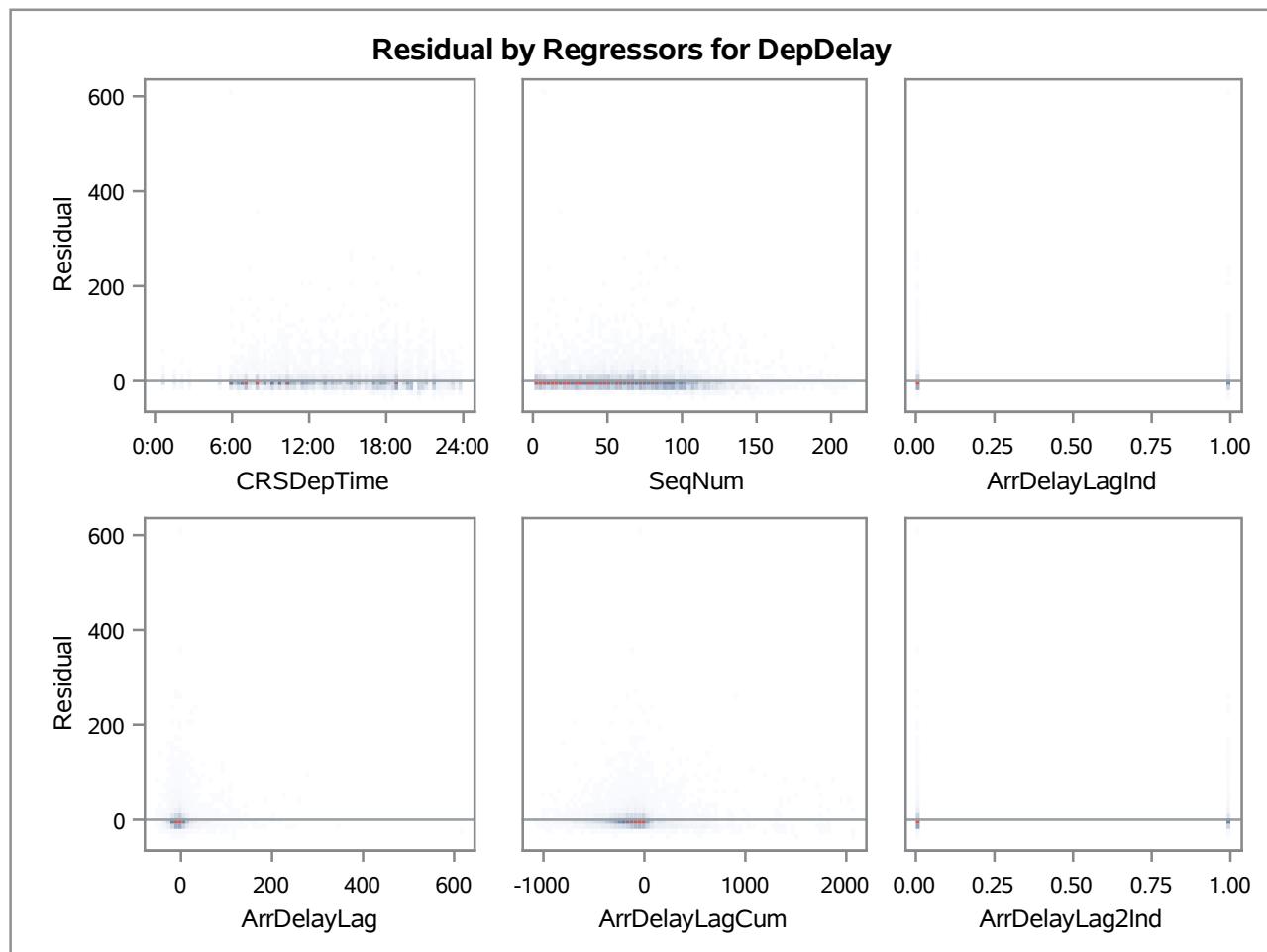
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	70953	7883.65929	20.25	<.0001
Error	12044	4688085	389.24648		
Corrected Total	12053	4759038			

Root MSE	19.72933	R-Square	0.0149
Dependent Mean	-0.13796	Adj R-Sq	0.0142
Coeff Var	-14301		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-4.08496	0.64726	-6.31	<.0001
CRSDepTime	1	0.00008535	0.00002309	3.70	0.0002
SeqNum	1	0.00040225	0.01176	0.03	0.9727
ArrDelayLagInd	1	-0.44370	0.49256	-0.90	0.3677
ArrDelayLag	1	0.02545	0.01051	2.42	0.0155
ArrDelayLagCum	1	0.00652	0.00067523	9.65	<.0001
ArrDelayLag2Ind	1	-0.80391	0.49187	-1.63	0.1022
ArrDelayLag2	1	0.01529	0.01046	1.46	0.1441
CancelledLag	1	-2.38874	3.44556	-0.69	0.4881
DistanceLag	1	0.00085218	0.00026126	3.26	0.0011

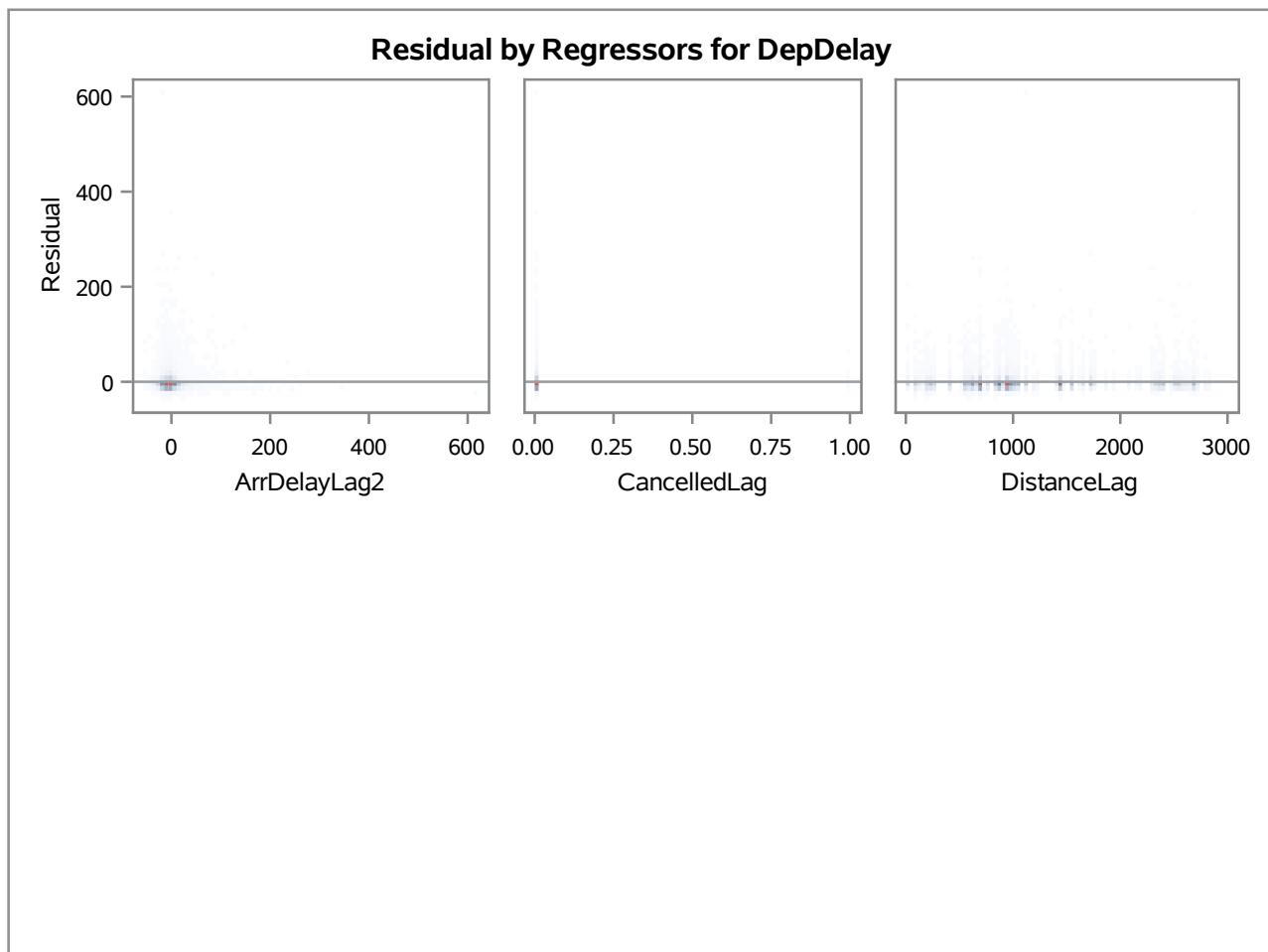
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=AS



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=AS



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=B6

Number of Observations Read	19215
Number of Observations Used	19215

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	920610	102290	91.01	<.0001
Error	19205	21585230	1123.93802		
Corrected Total	19214	22505839			

Root MSE	33.52518	R-Square	0.0409
Dependent Mean	7.15129	Adj R-Sq	0.0405
Coeff Var	468.79925		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-7.23783	0.83436	-8.67	<.0001
CRSDepTime	1	0.00025446	0.00002804	9.07	<.0001
SeqNum	1	0.04773	0.01310	3.64	0.0003
ArrDelayLagInd	1	0.45826	0.71158	0.64	0.5196
ArrDelayLag	1	-0.00627	0.00867	-0.72	0.4693
ArrDelayLagCum	1	0.00800	0.00070727	11.31	<.0001
ArrDelayLag2Ind	1	-0.19526	0.71067	-0.27	0.7835
ArrDelayLag2	1	0.00323	0.00871	0.37	0.7110
CancelledLag	1	6.24223	2.76066	2.26	0.0238
DistanceLag	1	0.00055013	0.00040953	1.34	0.1792

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=DL

Number of Observations Read	61061
Number of Observations Used	61061

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	1841275	204586	146.37	<.0001
Error	61051	85335094	1397.76734		
Corrected Total	61060	87176369			

Root MSE	37.38673	R-Square	0.0211
Dependent Mean	7.51011	Adj R-Sq	0.0210
Coeff Var	497.81844		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-2.65327	0.54764	-4.84	<.0001
CRSDepTime	1	0.00015040	0.00001960	7.67	<.0001
SeqNum	1	0.06196	0.00865	7.16	<.0001
ArrDelayLagInd	1	0.22003	0.41063	0.54	0.5921
ArrDelayLag	1	-0.00355	0.00456	-0.78	0.4369
ArrDelayLagCum	1	0.00640	0.00038309	16.72	<.0001
ArrDelayLag2Ind	1	-0.29295	0.41168	-0.71	0.4767
ArrDelayLag2	1	0.00106	0.00459	0.23	0.8171
CancelledLag	1	1.28254	3.52501	0.36	0.7160
DistanceLag	1	-0.00007055	0.00027243	-0.26	0.7957

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=EV

Number of Observations Read	39783
Number of Observations Used	39783

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	1083967	120441	72.23	<.0001
Error	39773	66323471	1667.55013		
Corrected Total	39782	67407438			

Root MSE	40.83565	R-Square	0.0161
Dependent Mean	9.78101	Adj R-Sq	0.0159
Coeff Var	417.49921		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-1.54639	0.97792	-1.58	0.1138
CRSDepTime	1	0.00021890	0.00003649	6.00	<.0001
SeqNum	1	-0.03289	0.01344	-2.45	0.0144
ArrDelayLagInd	1	-0.08782	0.51933	-0.17	0.8657
ArrDelayLag	1	-0.00133	0.00572	-0.23	0.8154
ArrDelayLagCum	1	0.00465	0.00028279	16.44	<.0001
ArrDelayLag2Ind	1	1.51659	0.51529	2.94	0.0033
ArrDelayLag2	1	-0.01153	0.00572	-2.02	0.0439
CancelledLag	1	1.60722	1.44397	1.11	0.2657
DistanceLag	1	0.00192	0.00079869	2.41	0.0160

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=F9

Number of Observations Read	6156
Number of Observations Used	6156

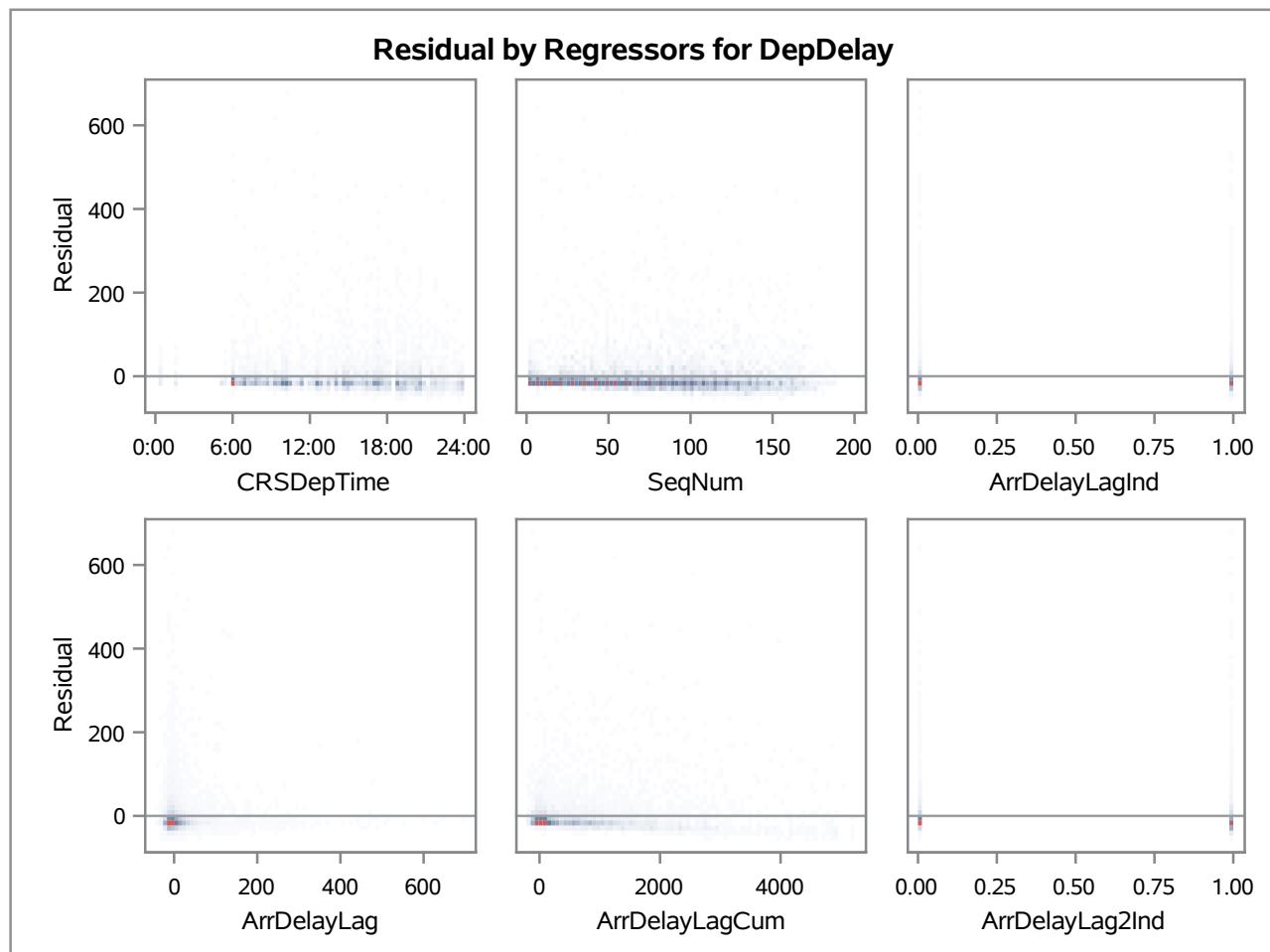
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	283212	31468	12.88	<.0001
Error	6146	15011482	2442.48002		
Corrected Total	6155	15294694			

Root MSE	49.42145	R-Square	0.0185
Dependent Mean	11.62687	Adj R-Sq	0.0171
Coeff Var	425.06247		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	6.81026	2.46861	2.76	0.0058
CRSDepTime	1	0.00003881	0.00008242	0.47	0.6377
SeqNum	1	-0.02116	0.03403	-0.62	0.5341
ArrDelayLagInd	1	-0.73631	1.44768	-0.51	0.6110
ArrDelayLag	1	-0.01640	0.01411	-1.16	0.2451
ArrDelayLagCum	1	0.00654	0.00082680	7.90	<.0001
ArrDelayLag2Ind	1	1.98712	1.45043	1.37	0.1707
ArrDelayLag2	1	0.02371	0.01413	1.68	0.0933
CancelledLag	1	-26.35082	34.99861	-0.75	0.4515
DistanceLag	1	-0.00144	0.00157	-0.91	0.3603

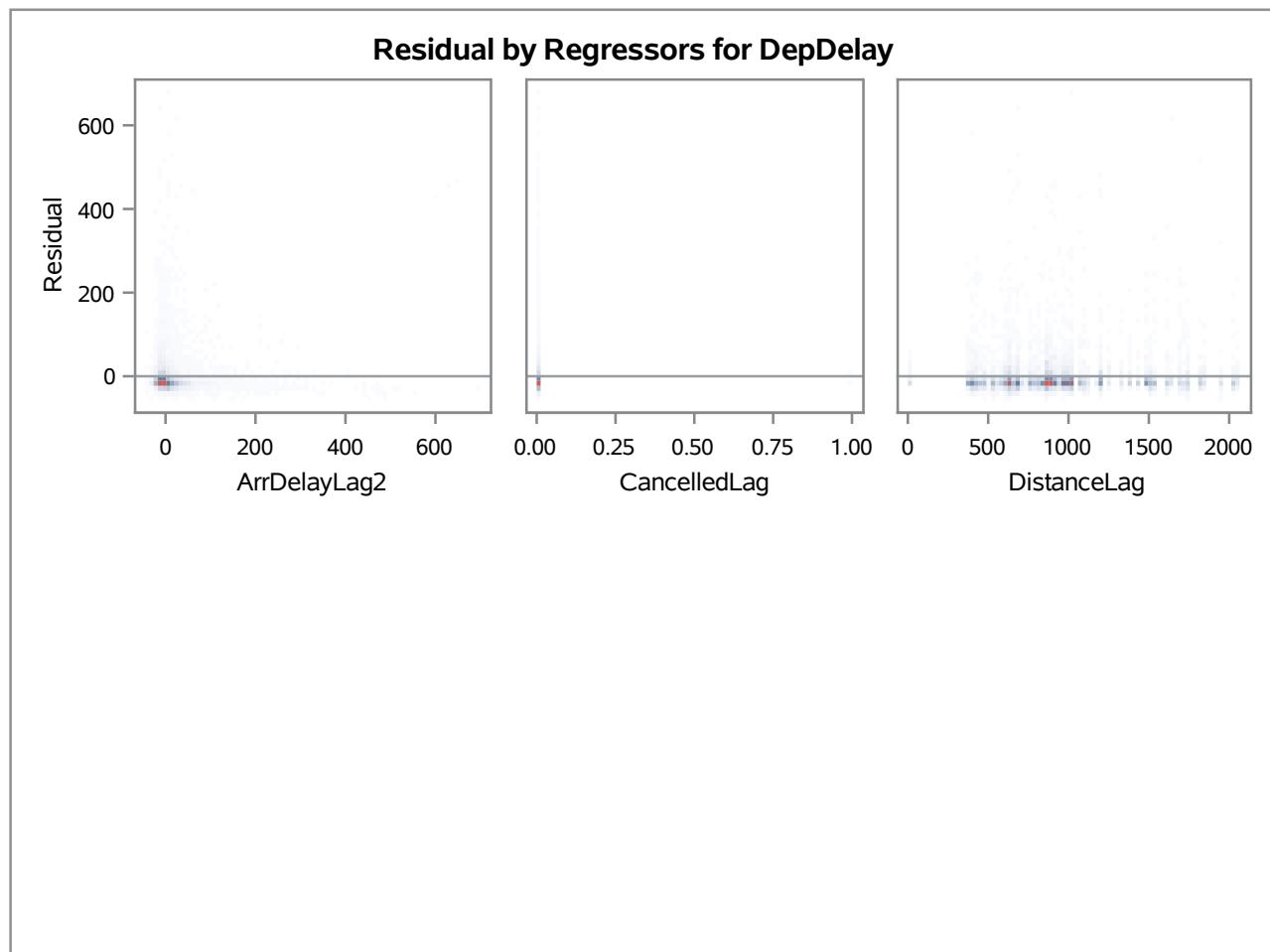
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=F9



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=F9



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=HA

Number of Observations Read	4326
Number of Observations Used	4326

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	29684	3298.16746	11.70	<.0001
Error	4316	1216886	281.94761		
Corrected Total	4325	1246569			

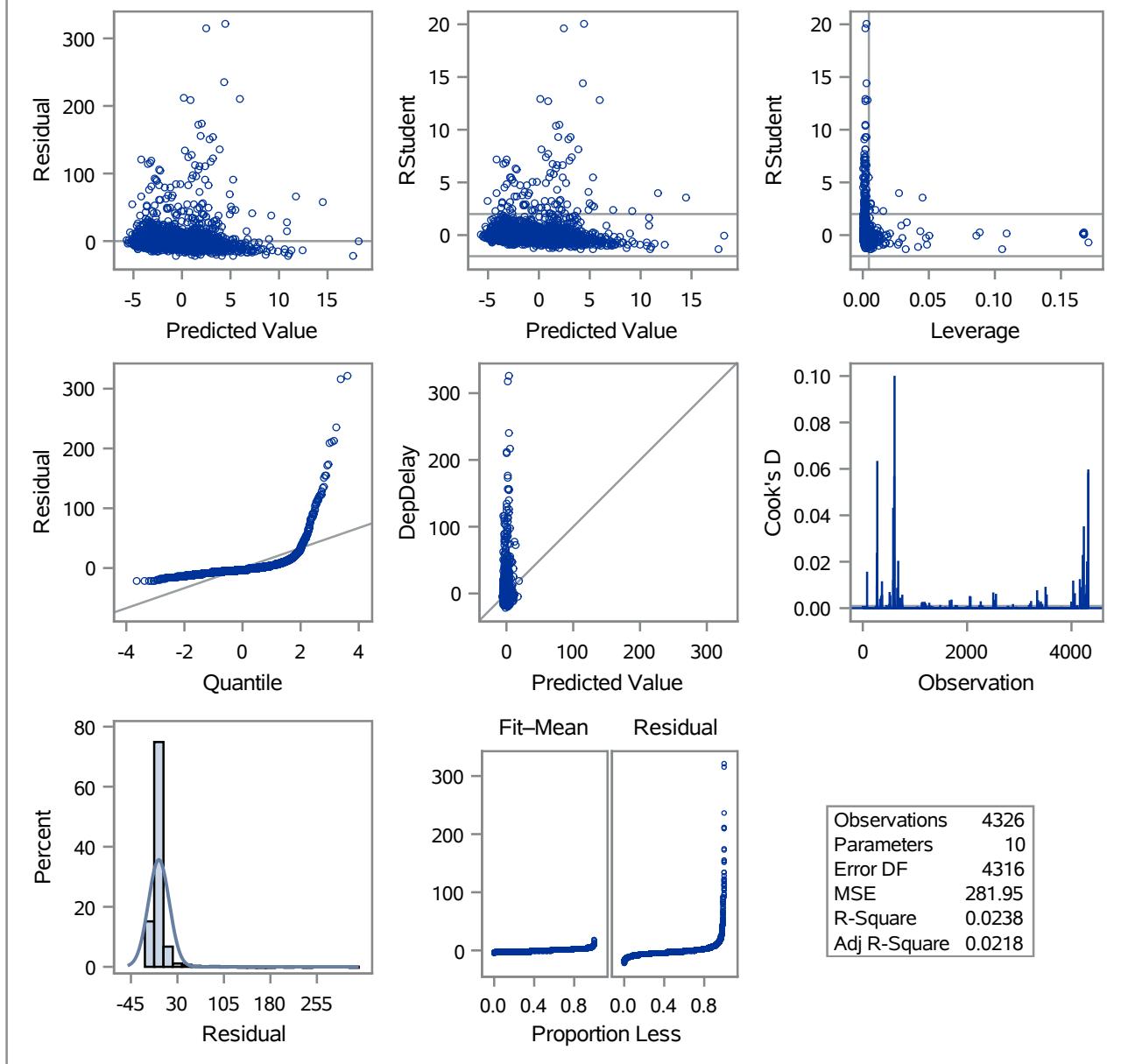
Root MSE	16.79130	R-Square	0.0238
Dependent Mean	-1.25104	Adj R-Sq	0.0218
Coeff Var	-1342.18670		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-5.16423	0.96354	-5.36	<.0001
CRSDepTime	1	0.00008675	0.00003080	2.82	0.0049
SeqNum	1	-0.00855	0.00577	-1.48	0.1382
ArrDelayLagInd	1	-0.07239	0.63261	-0.11	0.9089
ArrDelayLag	1	0.04124	0.01659	2.49	0.0130
ArrDelayLagCum	1	0.00471	0.00120	3.92	<.0001
ArrDelayLag2Ind	1	0.79328	0.63252	1.25	0.2099
ArrDelayLag2	1	-0.02632	0.01687	-1.56	0.1187
CancelledLag	1	-2.07837	6.92866	-0.30	0.7642
DistanceLag	1	0.00097341	0.00034564	2.82	0.0049

The REG Procedure
 Model: MODEL1
 Dependent Variable: DepDelay

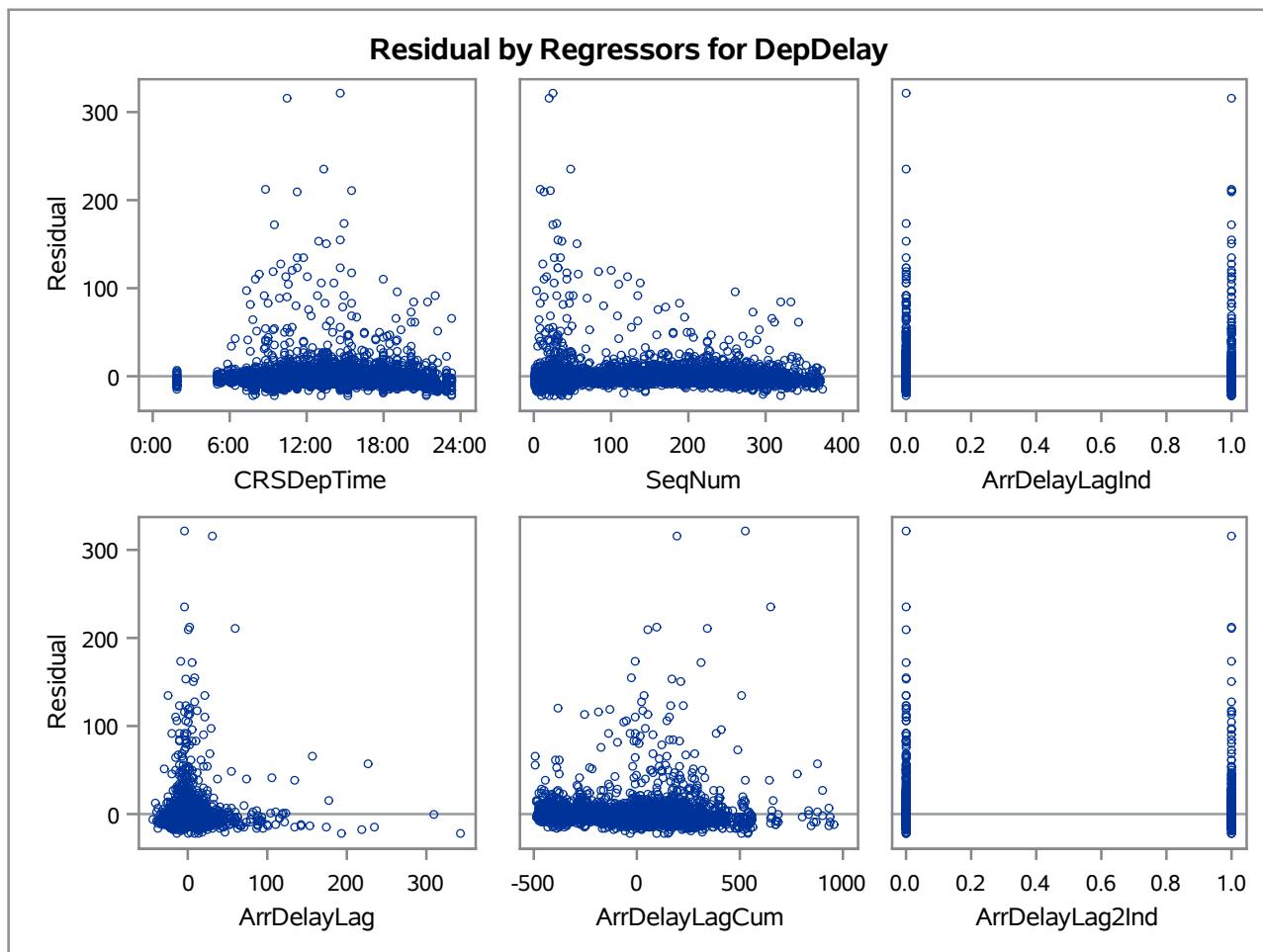
Carrier=HA

Fit Diagnostics for DepDelay



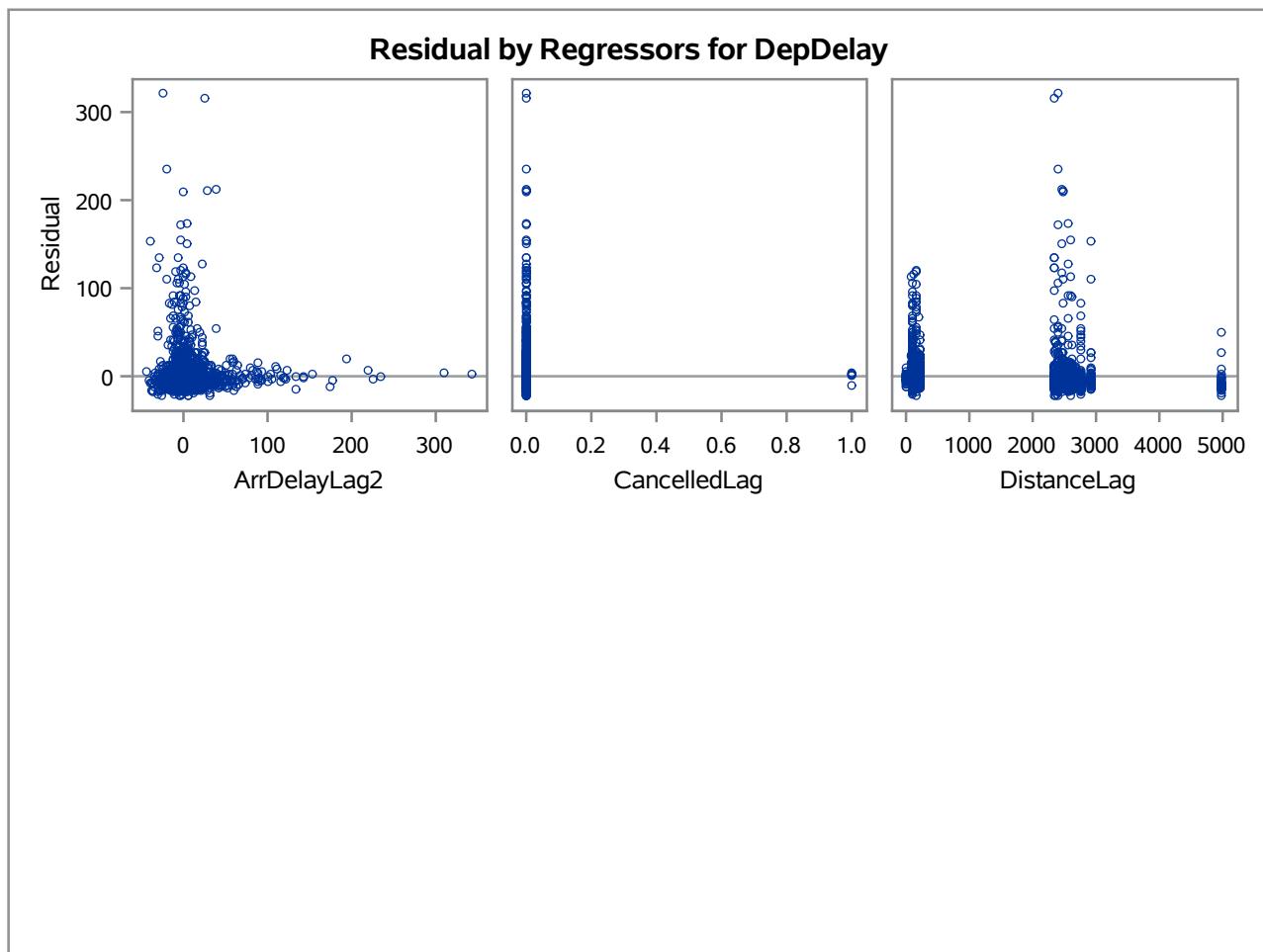
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=HA



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=HA



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=MQ

Number of Observations Read	20866
Number of Observations Used	20866

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	181271	20141	10.76	<.0001
Error	20856	39023963	1871.11444		
Corrected Total	20865	39205233			

Root MSE	43.25638	R-Square	0.0046
Dependent Mean	9.64962	Adj R-Sq	0.0042
Coeff Var	448.27023		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	1.80529	1.49208	1.21	0.2263
CRSDepTime	1	0.00024758	0.00005671	4.37	<.0001
SeqNum	1	-0.07573	0.01944	-3.90	<.0001
ArrDelayLagInd	1	0.11039	0.75210	0.15	0.8833
ArrDelayLag	1	-0.01256	0.00766	-1.64	0.1008
ArrDelayLagCum	1	0.00370	0.00057093	6.47	<.0001
ArrDelayLag2Ind	1	0.29866	0.74314	0.40	0.6878
ArrDelayLag2	1	-0.00538	0.00765	-0.70	0.4824
CancelledLag	1	0.44244	1.60319	0.28	0.7826
DistanceLag	1	0.00046410	0.00122	0.38	0.7031

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=NK

Number of Observations Read	7906
Number of Observations Used	7906

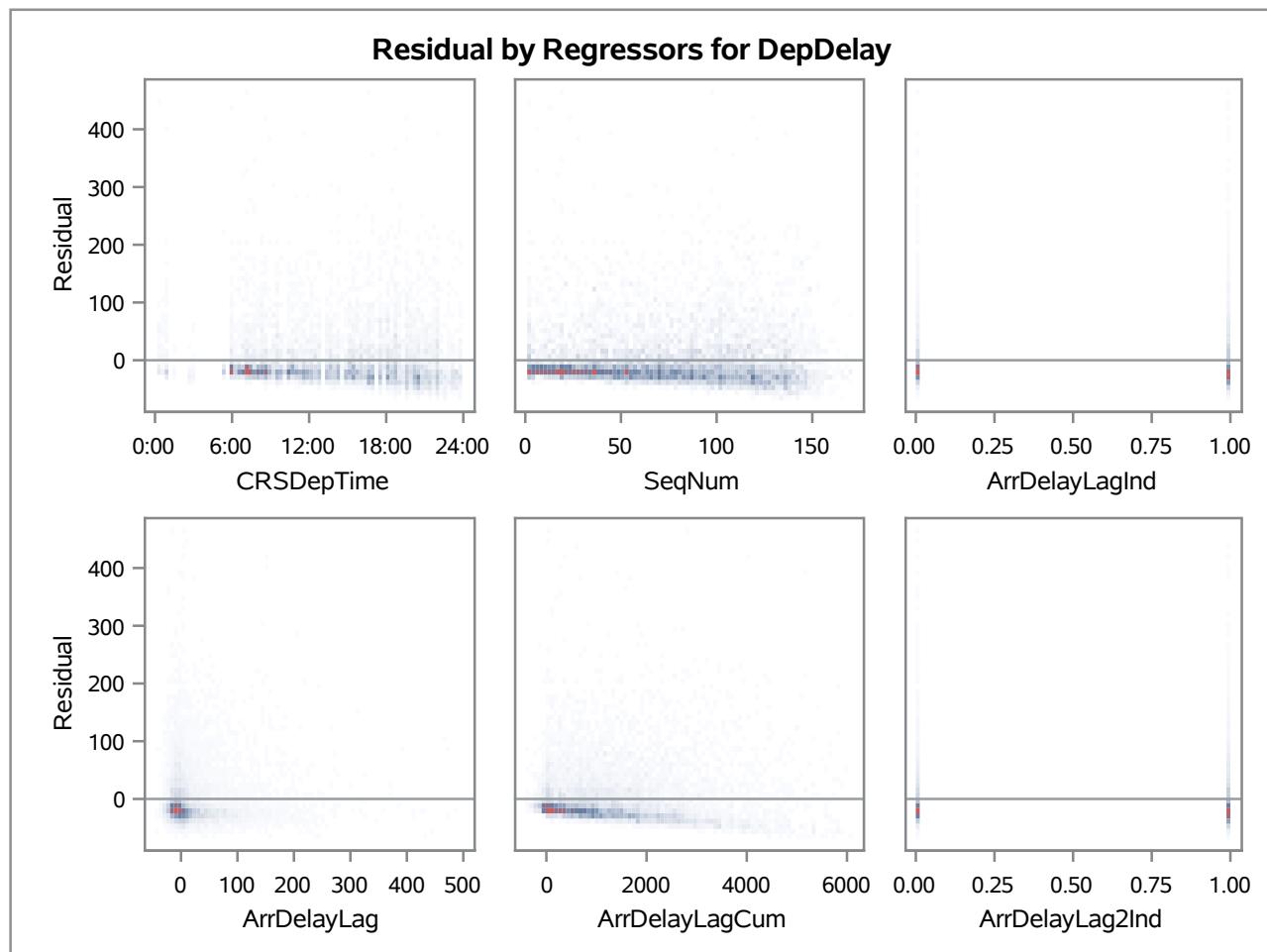
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	767931	85326	35.79	<.0001
Error	7896	18822307	2383.77743		
Corrected Total	7905	19590238			

Root MSE	48.82394	R-Square	0.0392
Dependent Mean	23.23223	Adj R-Sq	0.0381
Coeff Var	210.15609		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	18.66519	2.48518	7.51	<.0001
CRSDepTime	1	-0.00020021	0.00011268	-1.78	0.0756
SeqNum	1	0.05921	0.05471	1.08	0.2792
ArrDelayLagInd	1	4.78297	1.36258	3.51	0.0005
ArrDelayLag	1	-0.00366	0.01315	-0.28	0.7806
ArrDelayLagCum	1	0.00859	0.00074072	11.59	<.0001
ArrDelayLag2Ind	1	0.83989	1.34727	0.62	0.5330
ArrDelayLag2	1	-0.00207	0.01321	-0.16	0.8756
CancelledLag	1	3.64354	3.83971	0.95	0.3427
DistanceLag	1	-0.00417	0.00118	-3.54	0.0004

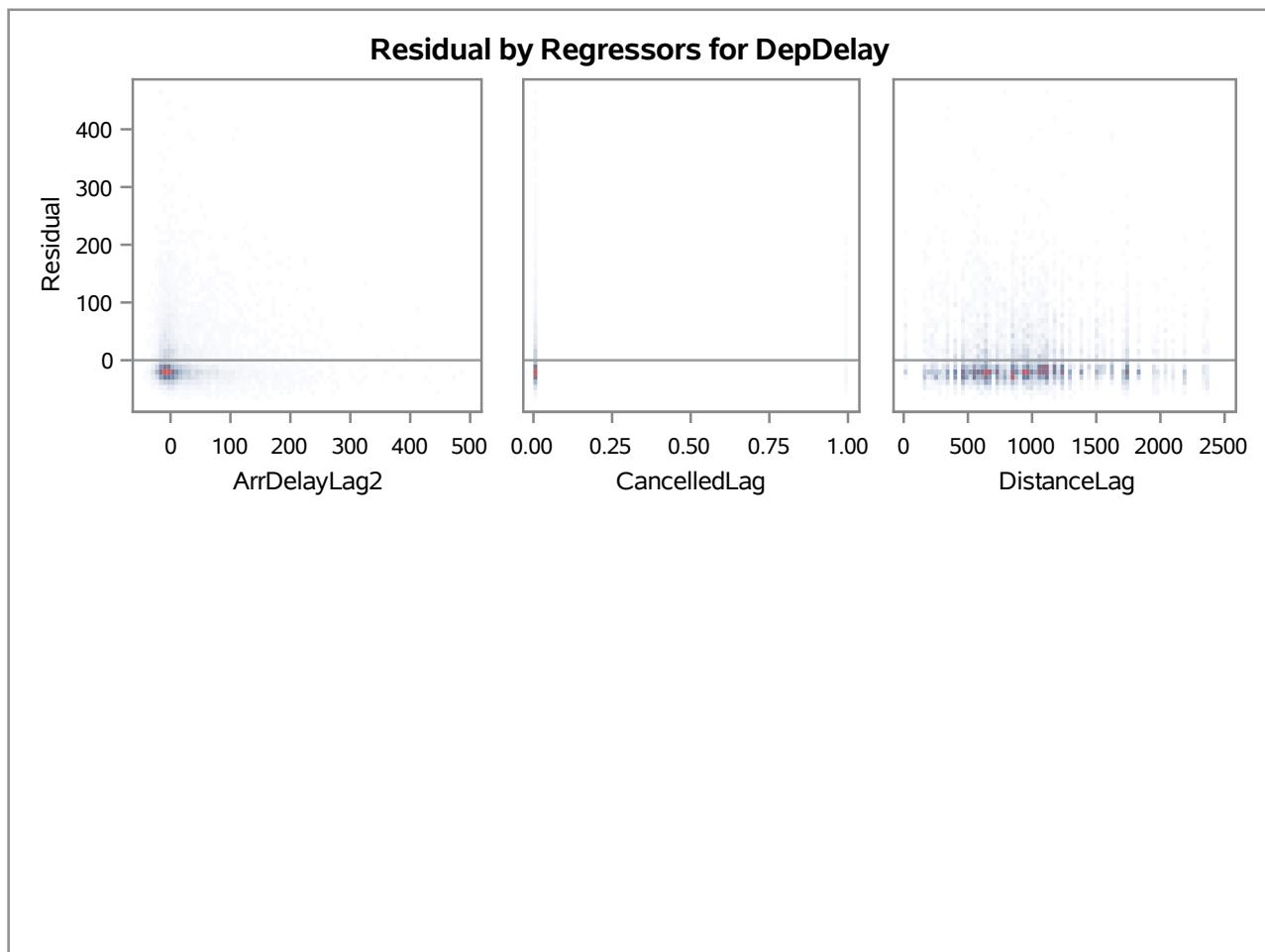
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=NK



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=NK



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=OO

Number of Observations Read	40097
Number of Observations Used	40097

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	911673	101297	90.58	<.0001
Error	40087	44830404	1118.32775		
Corrected Total	40096	45742078			

Root MSE	33.44141	R-Square	0.0199
Dependent Mean	5.89101	Adj R-Sq	0.0197
Coeff Var	567.66808		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-2.46413	0.72245	-3.41	0.0006
CRSDepTime	1	0.00021436	0.00002483	8.63	<.0001
SeqNum	1	-0.06794	0.00812	-8.36	<.0001
ArrDelayLagInd	1	1.19847	0.41756	2.87	0.0041
ArrDelayLag	1	0.00730	0.00576	1.27	0.2056
ArrDelayLagCum	1	0.00655	0.00032765	19.98	<.0001
ArrDelayLag2Ind	1	0.53527	0.41570	1.29	0.1979
ArrDelayLag2	1	-0.00487	0.00577	-0.84	0.3986
CancelledLag	1	2.34010	1.50338	1.56	0.1196
DistanceLag	1	0.00252	0.00054514	4.62	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=UA

Number of Observations Read	35124
Number of Observations Used	35124

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	1707539	189727	116.00	<.0001
Error	35114	57430217	1635.53617		
Corrected Total	35123	59137756			

Root MSE	40.44176	R-Square	0.0289
Dependent Mean	14.75763	Adj R-Sq	0.0286
Coeff Var	274.03968		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-0.09740	0.81297	-0.12	0.9046
CRSDepTime	1	0.00029406	0.00002941	10.00	<.0001
SeqNum	1	-0.01132	0.01844	-0.61	0.5392
ArrDelayLagInd	1	1.41259	0.54661	2.58	0.0098
ArrDelayLag	1	0.00284	0.00620	0.46	0.6472
ArrDelayLagCum	1	0.00656	0.00062649	10.47	<.0001
ArrDelayLag2Ind	1	0.99166	0.54890	1.81	0.0708
ArrDelayLag2	1	-0.00671	0.00624	-1.07	0.2826
CancelledLag	1	5.79884	6.74936	0.86	0.3903
DistanceLag	1	-0.00043724	0.00029781	-1.47	0.1421

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=US

Number of Observations Read	28274
Number of Observations Used	28274

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	363840	40427	57.79	<.0001
Error	28264	19771756	699.53849		
Corrected Total	28273	20135596			

Root MSE	26.44879	R-Square	0.0181
Dependent Mean	4.12980	Adj R-Sq	0.0178
Coeff Var	640.43736		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-1.87265	0.57998	-3.23	0.0012
CRSDepTime	1	0.00012296	0.00001980	6.21	<.0001
SeqNum	1	0.00957	0.00968	0.99	0.3230
ArrDelayLagInd	1	0.06933	0.41803	0.17	0.8683
ArrDelayLag	1	-0.00567	0.00671	-0.84	0.3985
ArrDelayLagCum	1	0.00775	0.00054930	14.11	<.0001
ArrDelayLag2Ind	1	0.27126	0.41810	0.65	0.5165
ArrDelayLag2	1	0.00360	0.00672	0.54	0.5919
CancelledLag	1	-4.15860	1.79747	-2.31	0.0207
DistanceLag	1	-0.00001173	0.00024473	-0.05	0.9618

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=VX

Number of Observations Read	4063
Number of Observations Used	4063

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	155565	17285	17.07	<.0001
Error	4053	4103944	1012.56950		
Corrected Total	4062	4259509			

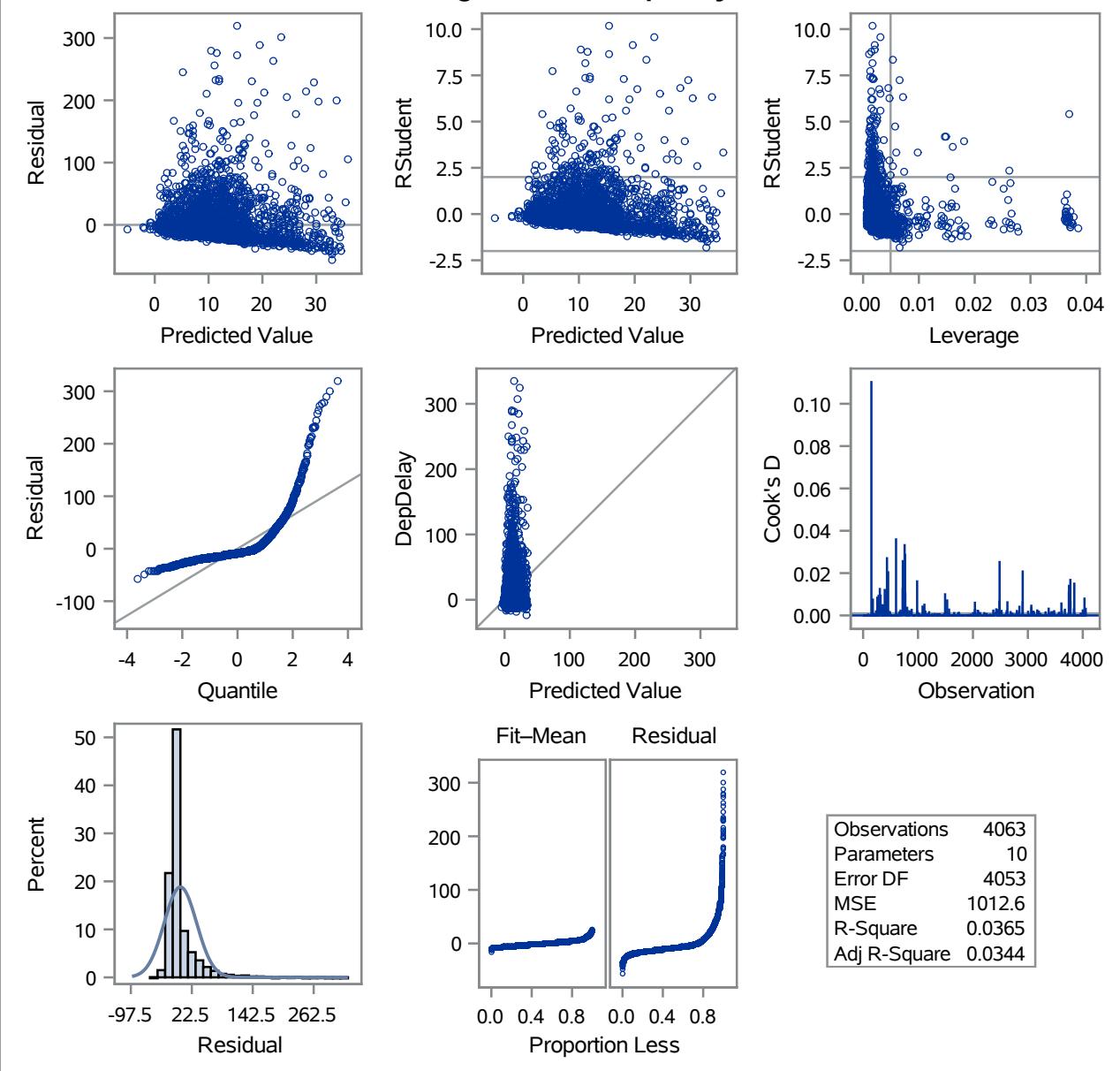
Root MSE	31.82090	R-Square	0.0365
Dependent Mean	10.56830	Adj R-Sq	0.0344
Coeff Var	301.09762		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	6.87652	2.49145	2.76	0.0058
CRSDepTime	1	-0.00019568	0.00010667	-1.83	0.0667
SeqNum	1	0.24867	0.06741	3.69	0.0002
ArrDelayLagInd	1	-0.64513	1.27046	-0.51	0.6116
ArrDelayLag	1	0.00129	0.01739	0.07	0.9410
ArrDelayLagCum	1	0.00207	0.00163	1.27	0.2050
ArrDelayLag2Ind	1	2.55491	1.26968	2.01	0.0443
ArrDelayLag2	1	-0.01648	0.01743	-0.95	0.3443
CancelledLag	1	-7.45418	6.08051	-1.23	0.2203
DistanceLag	1	-0.00063589	0.00056150	-1.13	0.2575

The REG Procedure
 Model: MODEL1
 Dependent Variable: DepDelay

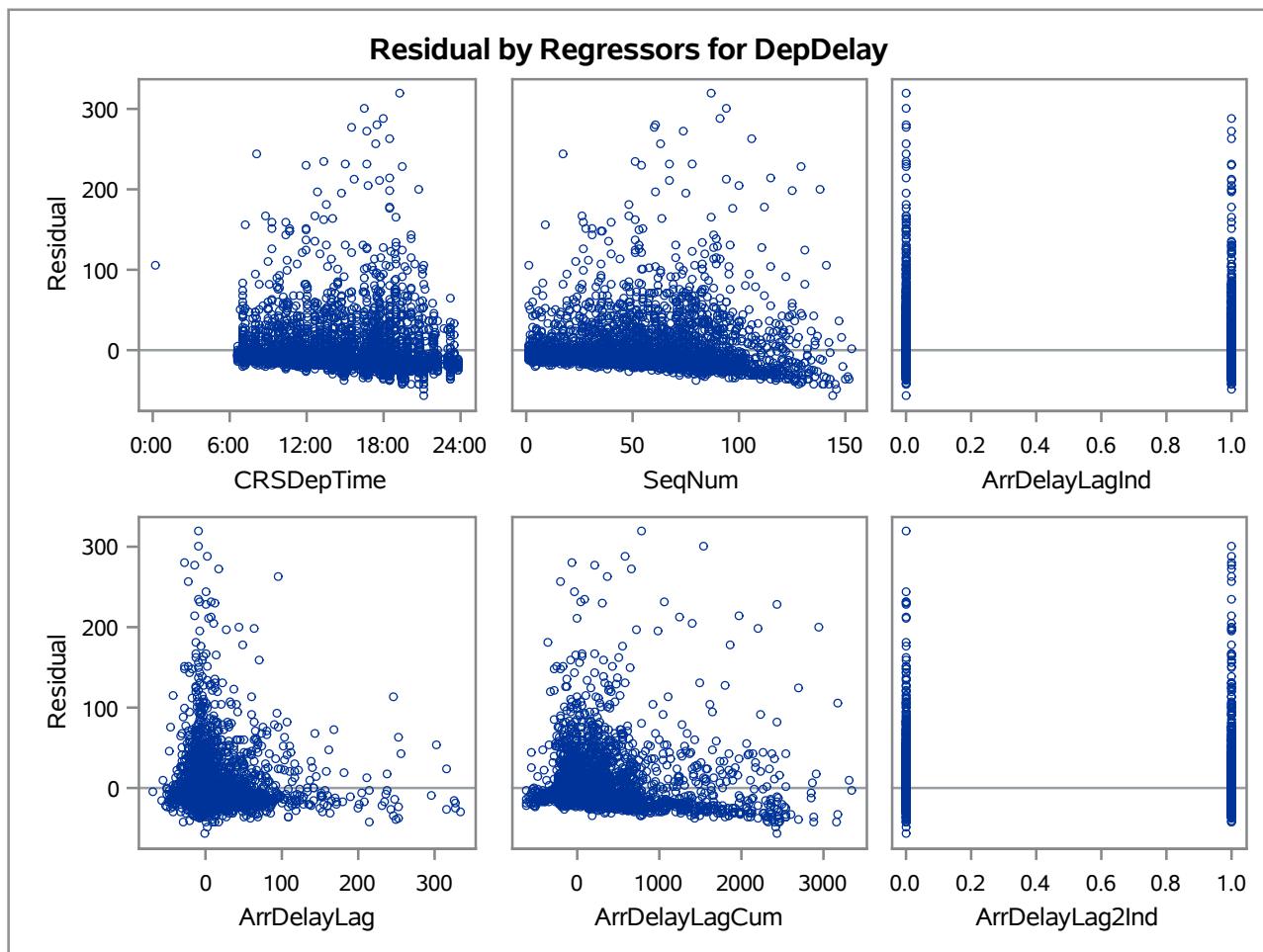
Carrier=VX

Fit Diagnostics for DepDelay



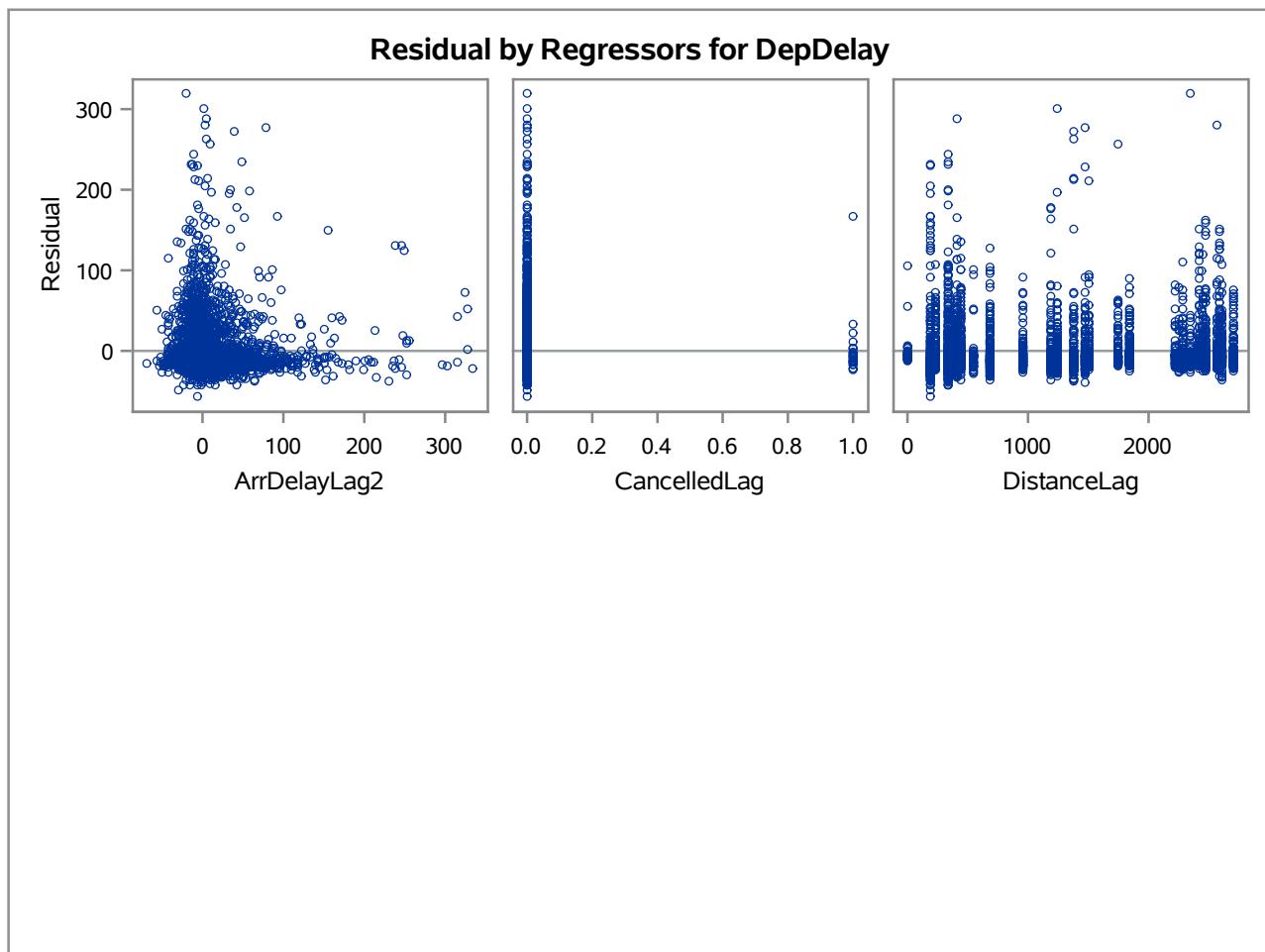
The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=VX



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=VX



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Carrier=WN

Number of Observations Read	84516
Number of Observations Used	84516

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	5257408	584156	560.54	<.0001
Error	84506	88065928	1042.12634		
Corrected Total	84515	93323336			

Root MSE	32.28198	R-Square	0.0563
Dependent Mean	12.11535	Adj R-Sq	0.0562
Coeff Var	266.45519		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-4.79744	0.53316	-9.00	<.0001
CRSDepTime	1	0.00029662	0.00002227	13.32	<.0001
SeqNum	1	0.01398	0.00804	1.74	0.0820
ArrDelayLagInd	1	1.04722	0.28914	3.62	0.0003
ArrDelayLag	1	-0.00567	0.00401	-1.41	0.1575
ArrDelayLagCum	1	0.00443	0.00020924	21.18	<.0001
ArrDelayLag2Ind	1	0.15318	0.28879	0.53	0.5958
ArrDelayLag2	1	-0.00972	0.00402	-2.42	0.0157
CancelledLag	1	0.28826	1.16940	0.25	0.8053
DistanceLag	1	0.00017449	0.00025356	0.69	0.4914

The GENMOD Procedure

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	399574
Number of Observations Used	399574

Class Level Information		
Class	Levels	Values
Carrier	14	AA AS B6 DL EV F9 HA MQ NK OO UA US VX WN

Criteria For Assessing Goodness Of Fit				
Criterion	DF	Value	Value/DF	
Deviance	4E5	1053697.7795	2.6372	
Scaled Deviance	4E5	1053697.7795	2.6372	
Pearson Chi-Square	4E5	1064412.6507	2.6640	
Scaled Pearson X2	4E5	1064412.6507	2.6640	
Log Likelihood		21650688.301		
Full Log Likelihood		-1493537.932		
AIC (smaller is better)		2987109.8637		
AICC (smaller is better)		2987109.8652		
BIC (smaller is better)		2987295.1323		

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-2.4355	0.0129	-2.4608	-2.4101	35483.1	<.0001
Carrier	AA	1	-0.2950	0.0015	-0.2980	-0.2921	39456.1	<.0001
Carrier	AS	1	-1.0077	0.0030	-1.0136	-1.0019	112640	<.0001
Carrier	B6	1	-0.4834	0.0019	-0.4871	-0.4798	67278.5	<.0001
Carrier	DL	1	-0.6630	0.0013	-0.6655	-0.6605	272189	<.0001
Carrier	EV	1	-0.4076	0.0014	-0.4104	-0.4048	81495.0	<.0001

The GENMOD Procedure

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Carrier	F9	1	-0.1515	0.0026	-0.1565	-0.1465	3496.72	<.0001
Carrier	HA	1	-2.1177	0.0055	-2.1285	-2.1069	148265	<.0001
Carrier	MQ	1	-0.4129	0.0017	-0.4163	-0.4094	56117.6	<.0001
Carrier	NK	1	0.4015	0.0018	0.3979	0.4050	48370.1	<.0001
Carrier	OO	1	-0.6340	0.0015	-0.6369	-0.6312	188019	<.0001
Carrier	UA	1	-0.0169	0.0014	-0.0196	-0.0142	150.51	<.0001
Carrier	US	1	-0.7762	0.0018	-0.7798	-0.7727	183656	<.0001
Carrier	VX	1	-0.0510	0.0034	-0.0576	-0.0443	226.96	<.0001
Carrier	WN	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	0.0000	0.0000	0.0000	0.0000	9460.98	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	26477.3	<.0001
CancelledCount		1	0.0003	0.0001	0.0002	0.0004	23.12	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=AA

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	36133
Number of Observations Used	36133

Class Level Information		
Class	Levels	Values
Carrier	1	AA

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	36E3	48634.4814	1.3461
Scaled Deviance	36E3	48634.4814	1.3461
Pearson Chi-Square	36E3	48148.3881	1.3327
Scaled Pearson X2	36E3	48148.3881	1.3327
Log Likelihood		1161475.0896	
Full Log Likelihood		-107003.6955	
AIC (smaller is better)		214015.3909	
AICC (smaller is better)		214015.3920	
BIC (smaller is better)		214049.3708	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-0.3119	0.0319	-0.3744	-0.2493	95.47	<.0001
Carrier	AA	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	-0.0000	0.0000	-0.0000	-0.0000	887.35	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	3671.88	<.0001

The GENMOD Procedure

Carrier=AA

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.0069	0.0006	0.0058	0.0079	155.53	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=AS

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	12054
Number of Observations Used	12054

Class Level Information		
Class	Levels	Values
Carrier	1	AS

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	12E3	26943.8362	2.2360
Scaled Deviance	12E3	26943.8362	2.2360
Pearson Chi-Square	12E3	27373.9432	2.2717
Scaled Pearson X2	12E3	27373.9432	2.2717
Log Likelihood		162001.3382	
Full Log Likelihood		-37489.9047	
AIC (smaller is better)		74987.8095	
AICC (smaller is better)		74987.8128	
BIC (smaller is better)		75017.3981	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-4.4281	0.1493	-4.7208	-4.1354	879.12	<.0001
Carrier	AS	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	0.0000	0.0000	0.0000	0.0000	300.22	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	2413.17	<.0001

The GENMOD Procedure

Carrier=AS

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	-0.1517	0.0033	-0.1581	-0.1452	2120.28	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=B6

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	19215
Number of Observations Used	19215

Class Level Information		
Class	Levels	Values
Carrier	1	B6

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	19E3	39376.4501	2.0497
Scaled Deviance	19E3	39376.4501	2.0497
Pearson Chi-Square	19E3	40308.8120	2.0982
Scaled Pearson X2	19E3	40308.8120	2.0982
Log Likelihood		667991.2652	
Full Log Likelihood		-64405.2277	
AIC (smaller is better)		128818.4554	
AIACC (smaller is better)		128818.4575	
BIC (smaller is better)		128849.9092	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-6.8731	0.0756	-7.0212	-6.7250	8275.83	<.0001
Carrier	B6	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	0.0001	0.0000	0.0001	0.0001	4257.05	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	1210.08	<.0001

The GENMOD Procedure

Carrier=B6

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	-0.0179	0.0012	-0.0203	-0.0155	214.65	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=DL

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	61061
Number of Observations Used	61061

Class Level Information		
Class	Levels	Values
Carrier	1	DL

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	61E3	120590.9606	1.9751
Scaled Deviance	61E3	120590.9606	1.9751
Pearson Chi-Square	61E3	119456.2258	1.9565
Scaled Pearson X2	61E3	119456.2258	1.9565
Log Likelihood		1753211.6667	
Full Log Likelihood		-197921.1619	
AIC (smaller is better)		395850.3239	
AICC (smaller is better)		395850.3245	
BIC (smaller is better)		395886.4024	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-1.9730	0.0382	-2.0480	-1.8981	2661.88	<.0001
Carrier	DL	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	-0.0000	0.0000	-0.0000	0.0000	0.62	0.4305
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	349.68	<.0001

The GENMOD Procedure

Carrier=DL

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.0529	0.0013	0.0502	0.0555	1548.87	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=EV

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	39783
Number of Observations Used	39783

Class Level Information		
Class	Levels	Values
Carrier	1	EV

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	4E4	119389.9926	3.0013
Scaled Deviance	4E4	119389.9926	3.0013
Pearson Chi-Square	4E4	122158.2023	3.0709
Scaled Pearson X2	4E4	122158.2023	3.0709
Log Likelihood		2351624.2289	
Full Log Likelihood		-159441.0760	
AIC (smaller is better)		318890.1520	
AIACC (smaller is better)		318890.1530	
BIC (smaller is better)		318924.5168	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-0.8979	0.0345	-0.9655	-0.8303	678.40	<.0001
Carrier	EV	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	-0.0000	0.0000	-0.0000	-0.0000	1026.11	<.0001
DistanceCum		1	0.0000	0.0000	0.0000	0.0000	212.87	<.0001

The GENMOD Procedure

Carrier=EV

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.0286	0.0003	0.0281	0.0291	11064.1	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=F9

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	6156
Number of Observations Used	6156

Class Level Information		
Class	Levels	Values
Carrier	1	F9

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	6152	13781.6298	2.2402
Scaled Deviance	6152	13781.6298	2.2402
Pearson Chi-Square	6152	14208.9716	2.3097
Scaled Pearson X2	6152	14208.9716	2.3097
Log Likelihood		433282.6406	
Full Log Likelihood		-22794.8255	
AIC (smaller is better)		45597.6510	
AICC (smaller is better)		45597.6575	
BIC (smaller is better)		45624.5517	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	0.0537	0.3219	-0.5773	0.6846	0.03	0.8676
Carrier	F9	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	-0.0000	0.0000	-0.0000	-0.0000	18.38	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	203.82	<.0001

The GENMOD Procedure

Carrier=F9

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.2937	0.0055	0.2830	0.3044	2877.87	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=HA

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	4326
Number of Observations Used	4326

Class Level Information		
Class	Levels	Values
Carrier	1	HA

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	4322	6933.6452	1.6043
Scaled Deviance	4322	6933.6452	1.6043
Pearson Chi-Square	4322	7154.6536	1.6554
Scaled Pearson X2	4322	7154.6536	1.6554
Log Likelihood		42356.3580	
Full Log Likelihood		-11372.1193	
AIC (smaller is better)		22752.2387	
AICC (smaller is better)		22752.2479	
BIC (smaller is better)		22777.7283	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-1.9753	0.0997	-2.1707	-1.7799	392.63	<.0001
Carrier	HA	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	-0.0000	0.0000	-0.0000	-0.0000	383.87	<.0001
DistanceCum		1	0.0000	0.0000	0.0000	0.0000	759.97	<.0001

The GENMOD Procedure

Carrier=HA

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.4318	0.0419	0.3496	0.5140	106.06	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=MQ

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	20866
Number of Observations Used	20866

Class Level Information		
Class	Levels	Values
Carrier	1	MQ

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	21E3	54004.5234	2.5887
Scaled Deviance	21E3	54004.5234	2.5887
Pearson Chi-Square	21E3	56150.2255	2.6915
Scaled Pearson X2	21E3	56150.2255	2.6915
Log Likelihood		1243052.6816	
Full Log Likelihood		-79826.6168	
AIC (smaller is better)		159661.2337	
AICC (smaller is better)		159661.2356	
BIC (smaller is better)		159693.0172	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-2.2041	0.0674	-2.3363	-2.0720	1069.38	<.0001
Carrier	MQ	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	0.0000	0.0000	0.0000	0.0000	25.40	<.0001
DistanceCum		1	0.0000	0.0000	0.0000	0.0000	26.43	<.0001

The GENMOD Procedure

Carrier=MQ

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.0084	0.0004	0.0077	0.0091	508.39	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=NK

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	7906
Number of Observations Used	7906

Class Level Information		
Class	Levels	Values
Carrier	1	NK

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	7902	18085.4362	2.2887
Scaled Deviance	7902	18085.4362	2.2887
Pearson Chi-Square	7902	18384.4557	2.3266
Scaled Pearson X2	7902	18384.4557	2.3266
Log Likelihood		1113127.6454	
Full Log Likelihood		-31554.8772	
AIC (smaller is better)		63117.7543	
AICC (smaller is better)		63117.7594	
BIC (smaller is better)		63145.6558	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-2.9209	0.0721	-3.0622	-2.7797	1642.20	<.0001
Carrier	NK	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	0.0000	0.0000	0.0000	0.0000	822.84	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	112.63	<.0001

The GENMOD Procedure

Carrier=NK

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	-0.0153	0.0006	-0.0165	-0.0140	578.67	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=OO

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	40097
Number of Observations Used	40097

Class Level Information		
Class	Levels	Values
Carrier	1	OO

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	4E4	179204.2981	4.4697
Scaled Deviance	4E4	179204.2981	4.4697
Pearson Chi-Square	4E4	181360.0477	4.5235
Scaled Pearson X2	4E4	181360.0477	4.5235
Log Likelihood		1812274.5045	
Full Log Likelihood		-184945.0801	
AIC (smaller is better)		369898.1602	
AIACC (smaller is better)		369898.1612	
BIC (smaller is better)		369932.5564	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-9.1682	0.0344	-9.2355	-9.1008	71225.9	<.0001
Carrier	OO	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	0.0001	0.0000	0.0001	0.0001	40308.5	<.0001
DistanceCum		1	0.0000	0.0000	0.0000	0.0000	3608.30	<.0001

The GENMOD Procedure

Carrier=OO

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.0148	0.0005	0.0138	0.0158	816.54	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=UA

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	35124
Number of Observations Used	35124

Class Level Information		
Class	Levels	Values
Carrier	1	UA

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	35E3	51703.3954	1.4722
Scaled Deviance	35E3	51703.3954	1.4722
Pearson Chi-Square	35E3	51089.2498	1.4547
Scaled Pearson X2	35E3	51089.2498	1.4547
Log Likelihood		1506326.3672	
Full Log Likelihood		-109927.7586	
AIC (smaller is better)		219863.5173	
AICC (smaller is better)		219863.5184	
BIC (smaller is better)		219897.3838	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-2.9514	0.0381	-3.0261	-2.8767	6000.27	<.0001
Carrier	UA	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	0.0000	0.0000	0.0000	0.0000	1641.05	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	575.65	<.0001

The GENMOD Procedure

Carrier=UA

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.1003	0.0036	0.0931	0.1074	759.43	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=US

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	28274
Number of Observations Used	28274

Class Level Information		
Class	Levels	Values
Carrier	1	US

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	28E3	59551.1294	2.1065
Scaled Deviance	28E3	59551.1294	2.1065
Pearson Chi-Square	28E3	60659.1210	2.1457
Scaled Pearson X2	28E3	60659.1210	2.1457
Log Likelihood		603940.0310	
Full Log Likelihood		-90328.4582	
AIC (smaller is better)		180664.9165	
AIACC (smaller is better)		180664.9179	
BIC (smaller is better)		180697.9153	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-0.9072	0.0543	-1.0137	-0.8007	278.74	<.0001
Carrier	US	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	-0.0000	0.0000	-0.0000	-0.0000	250.72	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	3906.25	<.0001

The GENMOD Procedure

Carrier=US

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	-0.0232	0.0008	-0.0246	-0.0217	939.46	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=VX

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	4063
Number of Observations Used	4063

Class Level Information		
Class	Levels	Values
Carrier	1	VX

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	4059	4467.0251	1.1005
Scaled Deviance	4059	4467.0251	1.1005
Pearson Chi-Square	4059	4218.5766	1.0393
Scaled Pearson X2	4059	4218.5766	1.0393
Log Likelihood		198726.3789	
Full Log Likelihood		-12145.2687	
AIC (smaller is better)		24298.5374	
AICC (smaller is better)		24298.5472	
BIC (smaller is better)		24323.7761	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	2.3168	0.1492	2.0245	2.6092	241.28	<.0001
Carrier	VX	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	-0.0000	0.0000	-0.0000	-0.0000	443.15	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	389.59	<.0001

The GENMOD Procedure

Carrier=VX

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.0304	0.0024	0.0258	0.0351	163.88	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

Carrier=WN

Model Information	
Data Set	HW3.BTS_DELAY15S
Distribution	Poisson
Link Function	Log
Dependent Variable	DelayCount
Offset Variable	LnSeqNUM

Number of Observations Read	84516
Number of Observations Used	84516

Class Level Information		
Class	Levels	Values
Carrier	1	WN

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	85E3	191322.0023	2.2638
Scaled Deviance	85E3	191322.0023	2.2638
Pearson Chi-Square	85E3	187960.4219	2.2241
Scaled Pearson X2	85E3	187960.4219	2.2241
Log Likelihood		8661152.5925	
Full Log Likelihood		-324527.3746	
AIC (smaller is better)		649062.7493	
AICC (smaller is better)		649062.7498	
BIC (smaller is better)		649100.1281	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept		1	-4.2883	0.0615	-4.4089	-4.1678	4862.21	<.0001
Carrier	WN	0	0.0000	0.0000	0.0000	0.0000	.	.
MaxCRSDepTime		1	0.0000	0.0000	0.0000	0.0000	3082.78	<.0001
DistanceCum		1	-0.0000	0.0000	-0.0000	-0.0000	24159.6	<.0001

The GENMOD Procedure

Carrier=WN

Analysis Of Maximum Likelihood Parameter Estimates								
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
CancelledCount		1	0.0106	0.0003	0.0101	0.0111	1650.39	<.0001
Scale		0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The PRINCOMP Procedure

Observations	399574
Variables	9

Simple Statistics						
	CRSDepTime	SeqNum	ArrDelayLagInd	ArrDelayLag	ArrDelayLagCum	ArrDelayLag2Ind
Mean	48583.17969	68.77206975	0.3497975344	4.46062056	135.7959402	0.3463213322
StD	17504.50053	46.61956470	0.4769064778	39.61076831	644.8751476	0.4757976814

Simple Statistics			
	ArrDelayLag2	CancelledLag	DistanceLag
Mean	4.39211510	0.0109917062	812.4452617
StD	39.39714547	0.1042636838	603.6059878

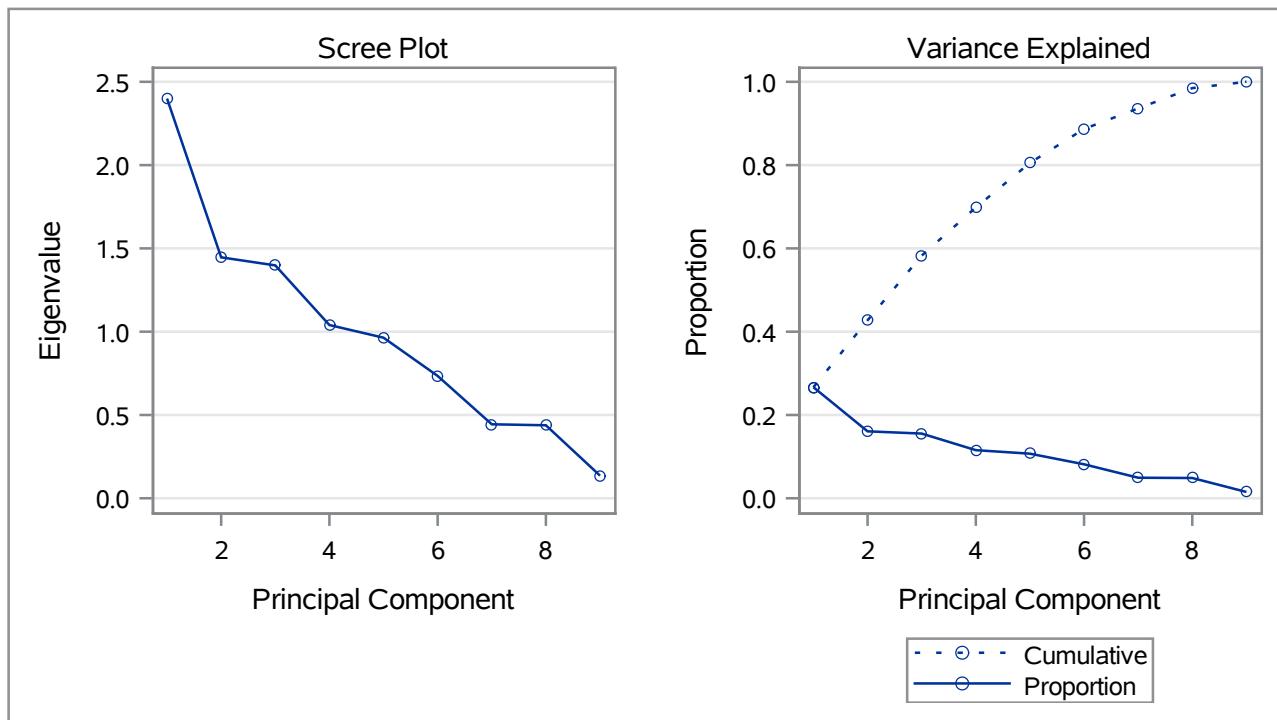
Correlation Matrix						
	CRSDepTime	SeqNum	ArrDelayLagInd	ArrDelayLag	ArrDelayLagCum	ArrDelayLag2Ind
CRSDepTime	1.0000	0.8375	0.1513	0.1124	0.3045	0.1614
SeqNum	0.8375	1.0000	0.1395	0.1047	0.3455	0.1482
ArrDelayLagInd	0.1513	0.1395	1.0000	0.5524	0.1766	0.0775
ArrDelayLag	0.1124	0.1047	0.5524	1.0000	0.2036	0.0545
ArrDelayLagCum	0.3045	0.3455	0.1766	0.2036	1.0000	0.1792
ArrDelayLag2Ind	0.1614	0.1482	0.0775	0.0545	0.1792	1.0000
ArrDelayLag2	0.1140	0.1059	0.0538	0.0449	0.2046	0.5517
CancelledLag	0.0232	0.0357	-.0773	-.0119	0.0578	0.0061
DistanceLag	0.0136	-.1958	0.0180	-.0226	-.0775	0.0123

Correlation Matrix			
	ArrDelayLag2	CancelledLag	DistanceLag
CRSDepTime	0.1140	0.0232	0.0136
SeqNum	0.1059	0.0357	-.1958
ArrDelayLagInd	0.0538	-.0773	0.0180
ArrDelayLag	0.0449	-.0119	-.0226
ArrDelayLagCum	0.2046	0.0578	-.0775
ArrDelayLag2Ind	0.5517	0.0061	0.0123
ArrDelayLag2	1.0000	0.0118	-.0153
CancelledLag	0.0118	1.0000	-.0420
DistanceLag	-.0153	-.0420	1.0000

The PRINCOMP Procedure

Eigenvalues of the Correlation Matrix				
	Eigenvalue	Difference	Proportion	Cumulative
1	2.39955679	0.95329620	0.2666	0.2666
2	1.44626059	0.04815914	0.1607	0.4273
3	1.39810145	0.35819006	0.1553	0.5827
4	1.03991139	0.07610612	0.1155	0.6982
5	0.96380527	0.22945663	0.1071	0.8053
6	0.73434864	0.29034347	0.0816	0.8869
7	0.44400517	0.00584017	0.0493	0.9362
8	0.43816500	0.30231929	0.0487	0.9849
9	0.13584571		0.0151	1.0000

Eigenvectors									
	Prin1	Prin2	Prin3	Prin4	Prin5	Prin6	Prin7	Prin8	Prin9
CRSDepTime	0.501850	-0.088398	-0.376714	0.281267	0.105784	0.192023	0.072257	-0.025433	-.682185
SeqNum	0.512540	-.100894	-.423684	0.104877	-.053370	0.167946	0.034667	-.004537	0.710169
ArrDelayLagInd	0.286708	0.574662	0.243307	-.012847	0.012409	0.185724	-.285539	0.641880	-.003175
ArrDelayLag	0.271024	0.581783	0.241609	-.161314	0.053745	0.098034	0.313579	-.626555	0.016562
ArrDelayLagCum	0.395762	-.000866	0.007904	-.164822	0.065781	-.893095	-.111070	0.025262	-.034962
ArrDelayLag2Ind	0.297203	-.373271	0.492980	0.026284	-.034342	0.197368	-.622294	-.318170	0.001790
ArrDelayLag2	0.275604	-.386361	0.515903	-.045398	-.065570	0.058762	0.641168	0.295883	0.012459
CancelledLag	0.025941	-.148097	-.111388	-.630006	0.726438	0.186160	-.030113	0.069307	-.000696
DistanceLag	-.090589	0.052526	0.198370	0.675926	0.667383	-.127029	0.046074	-.023041	0.169168



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Number of Observations Read	395137
Number of Observations Used	395137

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	14992644	1665849	1193.85	<.0001
Error	395127	551344807	1395.36100		
Corrected Total	395136	566337451			

Root MSE	37.35453	R-Square	0.0265
Dependent Mean	9.49300	Adj R-Sq	0.0265
Coeff Var	393.49559		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	9.52349	0.05943	160.25	<.0001
Prin1	1	3.41968	0.03845	88.93	<.0001
Prin2	1	-0.09706	0.04950	-1.96	0.0499
Prin3	1	-0.73643	0.05036	-14.62	<.0001
Prin4	1	0.61054	0.05917	10.32	<.0001
Prin5	1	1.01558	0.06161	16.48	<.0001
Prin6	1	-2.81813	0.06977	-40.39	<.0001
Prin7	1	-0.39161	0.08927	-4.39	<.0001
Prin8	1	0.12418	0.08993	1.38	0.1673
Prin9	1	-3.97371	0.16117	-24.66	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Number of Observations Read	395137
Number of Observations Used	395137

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	14992644	1665849	1193.85	<.0001
Error	395127	551344807	1395.36100		
Corrected Total	395136	566337451			

Root MSE	37.35453	R-Square	0.0265
Dependent Mean	9.49300	Adj R-Sq	0.0265
Coeff Var	393.49559		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-2.74468	0.20926	-13.12	<.0001
CRSDepTime	1	0.00025248	0.00000660	38.23	<.0001
SeqNum	1	-0.02628	0.00255	-10.29	<.0001
ArrDelayLagInd	1	0.90375	0.15145	5.97	<.0001
ArrDelayLag	1	0.00267	0.00182	1.47	0.1426
ArrDelayLagCum	1	0.00623	0.00010243	60.80	<.0001
ArrDelayLag2Ind	1	0.65480	0.15122	4.33	<.0001
ArrDelayLag2	1	0.00194	0.00183	1.06	0.2892
CancelledLag	1	0.35264	0.59542	0.59	0.5537
DistanceLag	1	0.00048765	0.00010643	4.58	<.0001

The GLMSELECT Procedure

Data Set	HW3.BTS201505_670664553_0129
Dependent Variable	DepDelay
Selection Method	LASSO
Stop Criterion	SBC
Effect Hierarchy Enforced	None
Random Number Seed	697721001

Number of Observations Read	371808
Number of Observations Used	371808
Number of Observations Used for Training	260207
Number of Observations Used for Validation	74197
Number of Observations Used for Testing	37404

Class Level Information		
Class	Levels	Values
Origin	305	ABE ABI ABQ ABR ABY ACK ACT ACV ACY ADK ADQ AEX AGS ALB ALO AMA ANC APN ASE ATL ATW AUS AVL AVP AZO BDL BET BFL BGR BHM BIL BIS BJI BLI BMI BNA BOI BOS BPT BQK BQN BRD BRO BRW BTM BTR BTV BUF BUR BWI BZN CAE CAK CDC CDV CHA CHO CHS CID CIU CLE CLL CLT ...
Dest	305	ABE ABI ABQ ABR ABY ACK ACT ACV ACY ADK ADQ AEX AGS ALB ALO AMA ANC APN ASE ATL ATW AUS AVL AVP AZO BDL BET BFL BGR BHM BIL BIS BJI BLI BMI BNA BOI BOS BPT BQK BQN BRD BRO BRW BTM BTR BTV BUF BUR BWI BZN CAE CAK CDC CDV CHA CHO CHS CID CIU CLE CLL CLT ...

Dimensions	
Number of Effects	10
Number of Effects after Splits	314
Number of Parameters	314

Screening Information	
Screening Method	SASVI (safe screening)

The GLMSELECT Procedure

LASSO Selection Summary							
Step	Effect Entered	Effect Removed	Number Effects In	SBC	ASE	Validation ASE	Test ASE
0	Intercept		1	1880915.22	1378.1349	1361.7529	1384.5368
1	ArrDelayLagCum		2	1879797.02	1372.1596	1355.4874	1377.9973
2	CRSDepTime		3	1874912.77	1346.5789	1328.4398	1350.6971
3	Origin_IAH		4	1874726.86	1345.5527	1327.3437	1349.5521
4	Origin_DFW		5	1874724.57	1345.4764	1327.2657	1349.4603
5	Origin_DAL		6	1874518.70	1344.3479	1326.1162	1348.1815
6	Origin_HOU		7	1874371.01	1343.5207	1325.2945	1347.1749
7	Origin_HNL		8	1874367.46	1343.4380	1325.2183	1347.0749
8	Origin_SLC		9	1874274.17	1342.8921	1324.7150	1346.4178
9	ArrDelayLagInd		10	1874250.53	1342.7057	1324.5463	1346.1902
10	Origin_AUS		11	1874126.52	1342.0017	1323.8855	1345.3704
11	Origin_SEA		12	1873946.00	1341.0067	1322.9767	1344.1687
12	Origin_CLT		13	1873926.28	1340.8408	1322.8316	1343.9698
13	Origin_MDW		14	1873871.62*	1340.4949	1322.5159*	1343.5304
* Optimal Value of Criterion							

Selection stopped at a local minimum of the SBC criterion.

Stop Details				
Candidate For	Effect	Candidate SBC	Compare SBC	
Entry	Origin_LIH	1873873.37	>	1873871.62

The GLMSELECT Procedure
Selected Model

The selected model is the model at the last step (Step 13).

Effects:	Intercept Origin_AUS Origin_CLT Origin_DAL Origin_DFW Origin_HNL Origin_HOU Origin_IAH Origin_MDW Origin_SEA Origin_SLC CRSDepTime ArrDelayLagInd ArrDelayLagCum
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Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	13	9794199	753400	562.00
Error	260193	348806159	1340.56704	
Corrected Total	260206	358600358		

Root MSE	36.61375
Dependent Mean	9.21946
R-Square	0.0273
Adj R-Sq	0.0273
AIC	2133934
AICC	2133934
SBC	1873872
ASE (Train)	1340.49491
ASE (Validate)	1322.51595
ASE (Test)	1343.53037

The GLMSELECT Procedure
Selected Model

Parameter Estimates		
Parameter	DF	Estimate
Intercept	1	-0.010251
Origin_AUS	1	2.408817
Origin_CLT	1	-0.336488
Origin_DAL	1	5.144170
Origin_DFW	1	2.563262
Origin_HNL	1	-3.282177
Origin_HOU	1	4.016616
Origin_IAH	1	4.342126
Origin_MDW	1	0.271117
Origin_SEA	1	-0.917562
Origin_SLC	1	-2.001701
CRSDepTime	1	0.000168
ArrDelayLagInd	1	0.345585
ArrDelayLagCum	1	0.005236

The GLMSELECT Procedure

Data Set	HW3.BTS201505_670664553_0129
Dependent Variable	DepDelay
Selection Method	LASSO
Stop Criterion	SBC
Effect Hierarchy Enforced	None
Random Number Seed	716649001

Number of Observations Read	371808
Number of Observations Used	371808
Number of Observations Used for Training	260144
Number of Observations Used for Validation	74415
Number of Observations Used for Testing	37249

Class Level Information		
Class	Levels	Values
Origin	305	ABE ABI ABQ ABR ABY ACK ACT ACV ACY ADK ADQ AEX AGS ALB ALO AMA ANC APN ASE ATL ATW AUS AVL AVP AZO BDL BET BFL BGR BHM BIL BIS BJI BLI BMI BNA BOI BOS BPT BQK BQN BRD BRO BRW BTM BTR BTV BUF BUR BWI BZN CAE CAK CDC CDV CHA CHO CHS CID CIU CLE CLL CLT ...
Dest	305	ABE ABI ABQ ABR ABY ACK ACT ACV ACY ADK ADQ AEX AGS ALB ALO AMA ANC APN ASE ATL ATW AUS AVL AVP AZO BDL BET BFL BGR BHM BIL BIS BJI BLI BMI BNA BOI BOS BPT BQK BQN BRD BRO BRW BTM BTR BTV BUF BUR BWI BZN CAE CAK CDC CDV CHA CHO CHS CID CIU CLE CLL CLT ...

Dimensions	
Number of Effects	10
Number of Effects after Splits	314
Number of Parameters	314

Screening Information	
Screening Method	SASVI (safe screening)

The GLMSELECT Procedure

LASSO Selection Summary							
Step	Effect Entered	Effect Removed	Number Effects In	SBC	ASE	Validation ASE	Test ASE
0	Intercept		1	1884375.99	1399.0381	1304.4027	1353.2526
1	ArrDelayLagCum		2	1882913.30	1391.1272	1296.8889	1345.6829
2	CRSDepTime		3	1878174.96	1365.9527	1272.9583	1321.6347
3	Origin_IAH		4	1878002.23	1364.9806	1272.1324	1320.5240
4	Origin_DFW		5	1877971.51	1364.7540	1271.9138	1320.2728
5	Origin DAL		6	1877908.96	1364.3605	1271.5158	1319.8175
6	Origin_HOU		7	1877689.64	1363.1454	1270.3181	1318.4022
7	Origin_SLC		8	1877649.94	1362.8721	1270.0485	1318.0858
8	ArrDelayLagInd		9	1877638.99	1362.7494	1269.9291	1317.9458
9	Origin_AUS		10	1877636.80	1362.6726	1269.8540	1317.8625
10	Origin_HNL		11	1877458.96	1361.6761	1268.8809	1316.7842
11	Origin_SEA		12	1877446.44	1361.5453	1268.7524	1316.6426
12	Origin_MDW		13	1877383.50	1361.1507	1268.3644	1316.2269
13	DistanceLag		14	1877285.88	1360.5748	1267.8118	1315.6797
14	Origin_LIH		15	1877208.01	1360.1024	1267.3638	1315.2437
15	Origin_CLT		16	1877207.32	1360.0336	1267.2983	1315.1813
16	Origin_MSP		17	1877170.95	1359.7783	1267.0545	1314.9502
17	Origin_PDX		18	1877106.70	1359.3773	1266.6728	1314.5812
18	Origin_ANC		19	1877077.94	1359.1619	1266.4665	1314.3843
19	Origin_MSY		20	1877059.78	1359.0019	1266.3078	1314.2378
20	Origin_LAS		21	1877048.05*	1358.8755	1266.1860*	1314.1237
* Optimal Value of Criterion							

Selection stopped at a local minimum of the SBC criterion.

Stop Details				
Candidate For	Effect	Candidate SBC	Compare SBC	
Entry	Origin_KOA	1877053.69	>	1877048.05

The GLMSELECT Procedure
Selected Model

The selected model is the model at the last step (Step 20).

Effects:	Intercept Origin_ANC Origin_AUS Origin_CLT Origin_DAL Origin_DFW Origin_HNL Origin_HOU Origin_IAH Origin_LAS Origin_LIH Origin_MDW Origin_MSP Origin_MSY Origin_PDX Origin_SEA Origin_SLC CRSDepTime ArrDelayLagInd ArrDelayLagCum DistanceLag
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Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	20	10448059	522403	384.41
Error	260123	353503305	1358.98519	
Corrected Total	260143	363951365		

Root MSE	36.86442
Dependent Mean	9.26548
R-Square	0.0287
Adj R-Sq	0.0286
AIC	2136974
AICC	2136974
SBC	1877048
ASE (Train)	1358.87549
ASE (Validate)	1266.18605
ASE (Test)	1314.12369

The GLMSELECT Procedure
Selected Model

Parameter Estimates		
Parameter	DF	Estimate
Intercept	1	-0.455011
Origin_ANC	1	-0.671239
Origin_AUS	1	3.694126
Origin_CLT	1	-0.672522
Origin_DAL	1	5.485893
Origin_DFW	1	2.824121
Origin_HNL	1	-3.742721
Origin_HOU	1	5.321171
Origin_IAH	1	4.578057
Origin_LAS	1	0.055004
Origin_LIH	1	-3.293805
Origin_MDW	1	1.783332
Origin_MSP	1	-0.583653
Origin_MSY	1	0.246187
Origin_PDX	1	-0.750069
Origin_SEA	1	-1.551001
Origin_SLC	1	-2.566169
CRSDepTime	1	0.000170
ArrDelayLagInd	1	0.496613
ArrDelayLagCum	1	0.005577
DistanceLag	1	0.000361

Score Information	
Input Data Set	HW3.BTS201505_670664553_3031
Output Data Set	HW3.GLMSCORE
Number of Observations Read	23329
Number of Observations Scored	23329
Number of Residuals Computed	23329
Residual Sum of Squares	53145026

The GLMSELECT Procedure

Data Set	HW3.BTS201505_670664553_0129
Dependent Variable	DepDelay
Selection Method	Adaptive LASSO
Stop Criterion	None
Choose Criterion	SBC
Effect Hierarchy Enforced	None

Model Averaging Information	
Sampling Method	Unrestricted (with replacement)
Sample Percentage	100
Number of Samples	10

Number of Observations Read	371808
Number of Observations Used	371808

Class Level Information		
Class	Levels	Values
Origin	305	ABE ABI ABQ ABR ABY ACK ACT ACV ACY ADK ADQ AEX AGS ALB ALO AMA ANC APN ASE ATL ATW AUS AVL AVP AZO BDL BET BFL BGR BHM BIL BIS BJI BLI BMI BNA BOI BOS BPT BKQ BQN BRD BRO BRW BTM BTR BTV BUF BUR BWI BZN CAE CAK CDC CDV CHA CHO CHS CID CIU CLE CLL CLT ...

Dimensions	
Number of Effects	10
Number of Effects after Splits	314
Number of Parameters	314

The GLMSELECT Procedure

Effect Selection Percentage	
Effect	Selection Percentage
Origin_ABQ	70.00
Origin_ACK	20.00
OriginACY	50.00
Origin_AEX	50.00
OriginAGS	10.00
Origin_ANC	60.00
Origin_ATL	90.00
Origin_AUS	100.0
Origin_BDL	10.00
Origin_BFL	10.00
Origin_BHM	60.00
Origin_BNA	90.00
Origin_BOS	50.00
Origin_BQK	10.00
Origin_BRO	40.00
Origin_BTR	90.00
Origin_BU	20.00
Origin_BWI	80.00
Origin_CAE	10.00
Origin_CHA	10.00
Origin_CID	10.00
Origin_CIU	30.00
Origin_CLT	70.00
Origin_CMH	50.00
Origin_COS	10.00
Origin_COU	30.00
Origin_DAL	100.0
Origin_DCA	70.00
Origin_DEN	80.00
Origin_DFW	100.0
Origin_DSM	40.00
Origin_DTW	40.00
Origin_ECP	20.00
Origin_ELP	100.0

The GLMSELECT Procedure

Effect Selection Percentage	
Effect	Selection Percentage
Origin_EUG	40.00
Origin_EWR	70.00
Origin_FAI	10.00
Origin_FAR	10.00
Origin_FAT	20.00
Origin_FLL	30.00
Origin_GCK	50.00
Origin_GEG	10.00
Origin_GRR	10.00
Origin_GSO	10.00
Origin_GSP	50.00
Origin_GTF	20.00
Origin_HIB	10.00
Origin_HNL	70.00
Origin_HOB	60.00
Origin_HOU	100.0
Origin_HSV	30.00
Origin_IAD	50.00
Origin_IAH	100.0
Origin_ICT	30.00
Origin_IDA	10.00
Origin_IND	30.00
Origin_ITO	40.00
Origin_JAC	40.00
Origin_JAN	20.00
Origin_JAX	30.00
Origin_JFK	50.00
Origin_JLN	10.00
Origin_JMS	30.00
Origin_JNU	30.00
Origin_KOA	40.00
Origin_KTN	40.00
Origin_LAS	90.00
Origin_LAW	30.00

The GLMSELECT Procedure

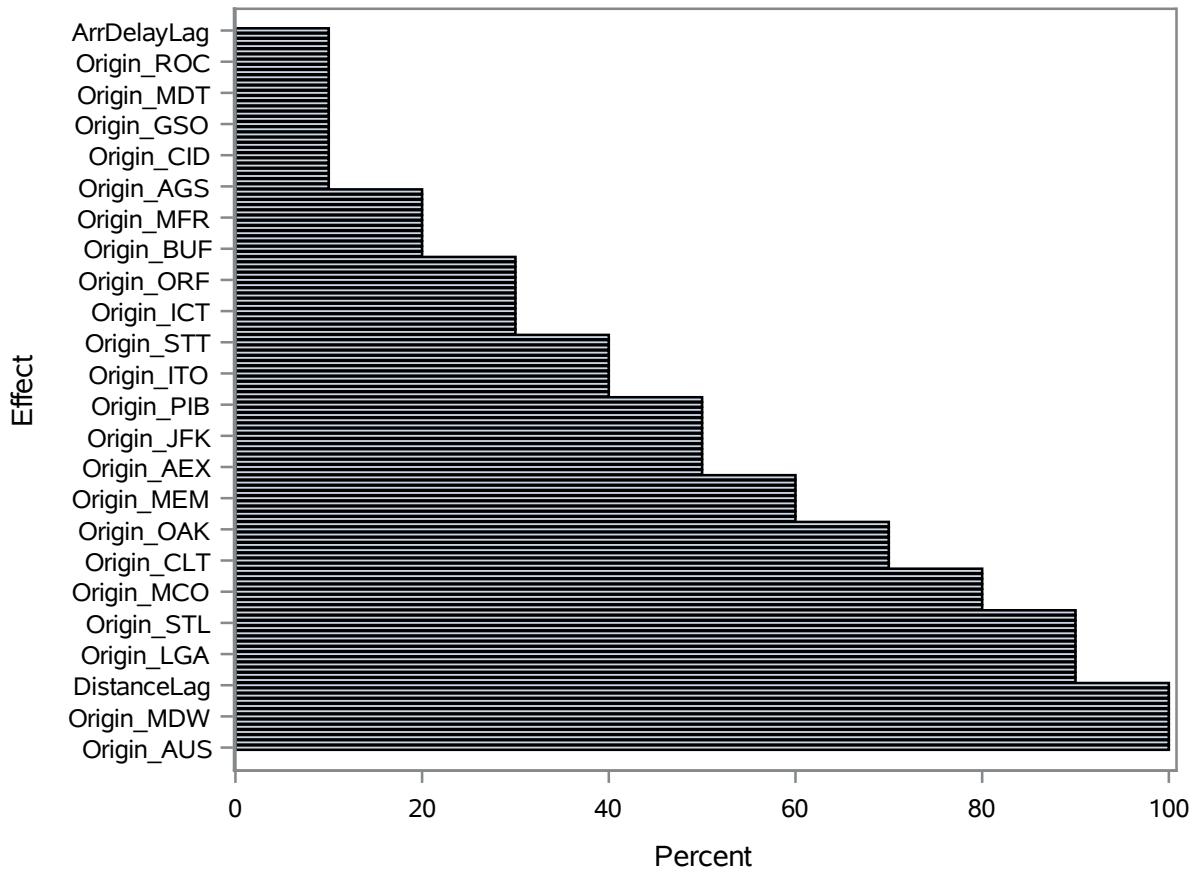
Effect Selection Percentage	
Effect	Selection Percentage
Origin_LAX	80.00
Origin_LBB	90.00
Origin_LCH	10.00
Origin_LFT	40.00
Origin_LGA	90.00
Origin_LIH	70.00
Origin_LIT	90.00
Origin_LNK	20.00
Origin_LRD	10.00
Origin_MAF	60.00
Origin_MCI	90.00
Origin_MCO	80.00
Origin_MDT	10.00
Origin_MDW	100.0
Origin_MEI	50.00
Origin_MEM	60.00
Origin_MFE	50.00
Origin_MFR	20.00
Origin_MHK	50.00
Origin_MIA	60.00
Origin_MLU	10.00
Origin_MOB	10.00
OriginMSN	20.00
Origin_MSO	10.00
Origin_MSP	70.00
Origin_MSY	100.0
Origin_MYR	10.00
Origin_OAK	70.00
Origin_OGG	50.00
Origin_OKC	90.00
Origin_ONT	60.00
Origin_ORD	80.00
Origin_ORF	30.00
Origin_OTH	10.00
Origin_PDX	50.00

The GLMSELECT Procedure

Effect Selection Percentage	
Effect	Selection Percentage
Origin_PHL	80.00
Origin_PHX	70.00
Origin_PIB	50.00
Origin_PNS	30.00
Origin_RDU	20.00
Origin_ROC	10.00
Origin_ROW	30.00
Origin_SAF	10.00
Origin_SAN	60.00
Origin_SAT	90.00
Origin_SAV	40.00
Origin_SEA	80.00
Origin_SFO	90.00
Origin_SGF	10.00
Origin_SHV	80.00
Origin_SJC	10.00
Origin_SJT	30.00
Origin_SLC	100.0
Origin_SMF	30.00
Origin_SMX	10.00
Origin_STL	90.00
Origin_STT	40.00
Origin_TLH	20.00
Origin_TPA	90.00
Origin_TUL	60.00
Origin_TYR	50.00
Origin_TYS	10.00
Origin_VPS	40.00
Origin_XNA	20.00
CRSDepTime	100.0
SeqNum	100.0
ArrDelayLagInd	90.00
ArrDelayLag	10.00
ArrDelayLagCum	100.0

The GLMSELECT Procedure

Effect Selection Percentage	
Effect	Selection Percentage
ArrDelayLag2	20.00
DistanceLag	100.0

Effect Selection Percentage for DepDelay

The GLMSELECT Procedure

Model Selection Frequency				
Times Selected	Selection Percentage	Number of Effects	Frequency Score	Effects in Model
1	10.00	51	1.80	Intercept Origin_ACK OriginACY OriginAEX Origin_ATL OriginAUS OriginBNA OriginBTR Origin_BWI Origin_CLT Origin_DAL Origin_DCA Origin_DEN Origin_DFW Origin_ELP Origin_EWR Origin_HOU Origin_IAH Origin_LAS Origin_LAX Origin_LBB Origin_LGA Origin_LIT Origin_LRD Origin_MCI Origin_MCO Origin_MDW Origin_MEI Origin_MEM Origin_MIA Origin_MSP Origin_MSY Origin_OAK Origin_OKC Origin_ONT Origin_ORD Origin_PHL Origin_PHX Origin_SAT Origin_SEA Origin_SFO Origin_SLC Origin_STL Origin_TPA Origin_TUL Origin_VPS CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum DistanceLag
1	10.00	56	1.78	Intercept Origin_ABQ OriginACY Origin_ATL OriginAUS Origin_BHM Origin_BNA Origin_BWI Origin_CLT Origin_CMH Origin_DAL Origin_DCA Origin_DEN Origin_DFW Origin_ELP Origin_EUG Origin_EWR Origin_GSP Origin_HOB Origin_HOU Origin_HSV Origin_IAH Origin_JFK Origin_LAS Origin_LAX Origin_LBB Origin_LGA Origin_LIH Origin_LIT Origin_MAF Origin_MCI Origin_MCO Origin_MDW Origin_MFE Origin_MSP Origin_MSY Origin_OAK Origin_OKC Origin_ORD Origin_PHL Origin_PHX Origin_PIB Origin_SAN Origin_SAT Origin_SEA Origin_SFO Origin_SHV Origin_SLC Origin_SMF Origin_STL Origin_TPA Origin_TUL CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum DistanceLag
1	10.00	57	1.76	Intercept Origin_ABQ Origin_ANC Origin_ATL Origin_AUS Origin_BHM Origin_BNA Origin_BRO Origin_BTR Origin_BWI Origin_DAL Origin_DEN Origin_DFW Origin_ELP Origin_EWR Origin_HNL Origin_HOU Origin_IAH Origin_JAC Origin_KOA Origin_LAS Origin_LAX Origin_LBB Origin_LFT Origin_LGA Origin_LIH Origin_LIT Origin_MCI Origin_MCO Origin_MDW Origin_MEI Origin_MEM Origin_MFE Origin_MFR Origin_MIA Origin_MSY Origin_OAK Origin_OKC Origin_ORD Origin_PHL Origin_PIB Origin_SAN Origin_SAT Origin_SFO Origin_SHV Origin_SJT Origin_SLC Origin_STL Origin_STT Origin_TLH Origin_TPA Origin_TYR CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum DistanceLag
1	10.00	71	1.70	Intercept OriginACY Origin_ANC Origin_ATL Origin_AUS Origin_BHM Origin_BNA Origin_BOS Origin_BTR Origin_BWI Origin_CMH Origin_COU Origin_DAL Origin_DCA Origin_DEN Origin_DFW Origin_DSM Origin_ELP Origin_EUG Origin_FAT Origin_GSP Origin_HNL Origin_HOU Origin_IAD Origin_IAH Origin_ITO Origin_JAN Origin_JFK Origin_KOA Origin_LAS Origin_LAW Origin_LAX Origin_LBB Origin_LFT Origin_LGA Origin_LIH Origin_LIT Origin_MAF Origin_MCI Origin_MCO Origin_MDW Origin_MEI Origin_MEM Origin_MHK Origin_MIA Origin_MSY Origin_OAK Origin_OGG Origin_OKC Origin_ONT Origin_ORD Origin_ORF Origin_PHL Origin_PHX Origin_PIB Origin_SAN Origin_SAT Origin_SFO Origin_SHV Origin_SLC Origin_STL Origin_TPA Origin_TUL Origin_TYR Origin_VPS CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagArrDelayLagCum DistanceLag
1	10.00	69	1.69	Intercept Origin_ABQ Origin_ANC Origin_ATL Origin_AUS Origin_BFL Origin_BNA Origin_BQK Origin_BTR Origin_BWI Origin_CIU Origin_DAL Origin_DCA Origin_DEN Origin_DFW Origin_DSM Origin_ELP Origin_EWR Origin_GCK Origin_GSP Origin_HNL Origin_HOB Origin_HOU Origin_IAD Origin_IAH Origin_ITO Origin_JMS Origin_JNU Origin_KTN Origin_LAS Origin_LAX Origin_LBB Origin_LFT Origin_LGA Origin_LIH Origin_LIT Origin_MAF Origin_MCI Origin_MCO Origin_MDW Origin_MEI Origin_MFE Origin_MHK Origin_MLU Origin_MSY Origin_OGG Origin_OKC Origin_ONT Origin_ORD Origin_PDX Origin_PHL Origin_PHX Origin_ROC Origin_SAF Origin_SAT Origin_SAV Origin_SEA Origin_SFO Origin_SHV Origin_SLC Origin_STL Origin_STT Origin_TPA CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum ArrDelayLag2 DistanceLag
1	10.00	77	1.69	Intercept Origin_ABQ Origin_AEX Origin_ANC Origin_ATL Origin_AUS Origin_BDL Origin_BHM Origin_BNA Origin_BOS Origin_BRO Origin_BTR Origin_BWI Origin_CLT Origin_CMH Origin_DAL Origin_DCA Origin_DEN Origin_DFW Origin_DSM Origin_DTW Origin_ECP Origin_ELP Origin_EWR Origin_GSP Origin_HNL Origin_HOB Origin_HOU Origin_IAD Origin_IAH Origin_ICK Origin_IND Origin_JAX Origin_JFK Origin_LAS Origin_LAX Origin_LBB Origin_LGA Origin_LIT Origin_LNK Origin_MAF Origin_MCI Origin_MCO Origin_MDW Origin_MEM Origin_MIA Origin_MSP Origin_MSY Origin_OAK Origin_OGG Origin_OKC Origin_ONT Origin_ORD Origin_OTH Origin_PDX Origin_PHL Origin_PHX Origin_PIB Origin_PNS Origin_SAN Origin_SAT Origin_SAV Origin_SEA Origin_SFO Origin_SHV Origin_SJT Origin_SLC Origin_SMF Origin_STL Origin_TPA Origin_TUL Origin_TYR CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum DistanceLag
1	10.00	57	1.66	Intercept Origin_ABQ Origin_ANC Origin_ATL Origin_AUS Origin_BNA Origin_BRO Origin_BTR Origin_BUF Origin_CID Origin_CLT Origin_DAL Origin_DFW Origin_ELP Origin_FAI Origin_FAR Origin_GCK Origin_GEG Origin_GTF Origin_HNL Origin_HOB Origin_HOU Origin_IAH Origin_ITO Origin_JAC Origin_JAX Origin_JMS Origin_JNU Origin_KOA Origin_KTN Origin_LAS Origin_LGA Origin_LIH Origin_LIT Origin_MCI Origin_MDW Origin_MFR Origin_MSN Origin_MSP Origin_MSY Origin_OGG Origin_PDX Origin_ROW Origin_SAT Origin_SEA Origin_SFO Origin_SGF Origin_SHV Origin_SLC Origin_STL Origin_STT Origin_TPA CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum DistanceLag

The GLMSELECT Procedure

Model Selection Frequency				
Times Selected	Selection Percentage	Number of Effects	Frequency Score	Effects in Model
1	10.00	86	1.64	Intercept Origin_ABQ OriginACY OriginAEX OriginAGS OriginATL OriginAUS OriginBHM OriginBNA OriginBOS OriginBTR OriginBWI OriginCHA OriginCLT OriginCMH OriginDAL OriginDCA OriginDEN OriginDFW OriginDTW OriginECP OriginELP OriginEUG OriginEWR OriginFAT OriginFLL OriginGCK OriginGSO OriginHOB OriginHOU OriginHSV OriginIAD OriginIAH OriginICT OriginIND OriginJFK OriginLAS OriginLAX OriginLBB OriginLFT OriginLGA OriginLIT OriginMAF OriginMCI OriginMCO OriginMDW OriginMEI OriginMEM OriginMFE OriginMHK OriginMIA OriginMSP OriginMSY OriginOAK OriginOKC OriginONT OriginORD OriginORF OriginPDX OriginPHL OriginPHX OriginPNS OriginRDU OriginROW OriginSAN OriginSAT OriginSAV OriginSEA OriginSFO OriginSHV OriginSLC OriginSMF OriginSTL OriginSTT OriginTPA OriginTUL OriginTYR OriginTYS OriginVPS OriginXNA CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum ArrDelayLag2 DistanceLag
1	10.00	95	1.61	Intercept Origin_ABQ OriginACY OriginAEX OriginATL OriginAUS OriginBHM OriginBNA OriginBOS OriginBRO OriginBTR OriginBWI OriginCAE OriginCIU OriginCLT OriginCMH OriginCOS OriginCOU OriginDAL OriginDCA OriginDEN OriginDFW OriginDSM OriginDTW OriginELP OriginEUG OriginEWR OriginFLL OriginGCK OriginGSP OriginHNL OriginHOU OriginHSV OriginIAD OriginIAH OriginICT OriginIND OriginJAC OriginJAN OriginJAX OriginJFK OriginJLN OriginKTN OriginLAS OriginLAW OriginLAX OriginLBB OriginLCH OriginLGA OriginLIH OriginLIT OriginLNK OriginMAF OriginMCI OriginMCO OriginMDT OriginMDW OriginMEM OriginMFE OriginMHK OriginMIA OriginMOB OriginMSP OriginMSY OriginOAK OriginOKC OriginONT OriginORD OriginORF OriginPHL OriginPHX OriginPIB OriginPNS OriginRDU OriginSAN OriginSAT OriginSAV OriginSEA OriginSFO OriginSHV OriginSJT OriginSLC OriginSMX OriginSTL OriginTLH OriginTPA OriginTUL OriginTYR OriginVPS OriginXNA CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum DistanceLag
1	10.00	53	1.58	Intercept OriginACK OriginAEX OriginANC OriginAUS OriginBOS OriginBTR OriginBUF OriginCIU OriginCLT OriginCOU OriginDAL OriginDFW OriginDTW OriginELP OriginFLL OriginGCK OriginGRR OriginGTF OriginHIB OriginHNL OriginHOB OriginHOU OriginIAH OriginIDA OriginITO OriginJAC OriginJMS OriginJNU OriginKOA OriginKTN OriginLAW OriginLBB OriginLIH OriginMDW OriginMHK OriginMSN OriginMSO OriginMSP OriginMSY OriginMYR OriginOGG OriginOKC OriginPDX OriginROW OriginSEA OriginSJC OriginSLC CRSDepTime SeqNum ArrDelayLagInd ArrDelayLagCum DistanceLag

The GLMSELECT Procedure

Average Parameter Estimates							
Parameter	Number Non-zero	Non-zero Percentage	Mean Estimate	Standard Deviation	Estimate Quantiles		
					25%	Median	75%
Intercept	10	100.00	-3.263214	0.705254	-3.650761	-3.378124	-3.030837
Origin_ABQ	7	70.00	1.806223	1.878825	0	1.293789	2.721174
Origin_ACK	2	20.00	2.470029	7.429099	0	0	0
OriginACY	5	50.00	1.382920	1.755093	0	0.725288	2.217009
Origin_AEX	5	50.00	2.850622	4.431117	0	0.550096	3.084094
OriginAGS	1	10.00	0.191429	0.605352	0	0	0
Origin_ANC	6	60.00	-1.863081	2.285257	-3.434355	-0.654456	0
Origin_ATL	9	90.00	1.433003	0.717855	1.221666	1.582672	1.885294
Origin_AUS	10	100.00	8.467320	0.836095	7.855353	8.870992	9.126027
Origin_BDL	1	10.00	-0.048698	0.153997	0	0	0
Origin_BFL	1	10.00	0.075665	0.239275	0	0	0
Origin_BHM	6	60.00	1.168853	1.522813	0	0.304253	1.904966
Origin_BNA	9	90.00	2.696576	1.252063	2.941612	3.027630	3.273245
Origin_BOS	5	50.00	0.146591	0.364556	0	0	0.327383
Origin_BQK	1	10.00	0.692224	2.189006	0	0	0
Origin_BRO	4	40.00	3.023985	5.268123	0	0	6.581923
Origin_BTR	9	90.00	4.976948	3.428506	2.208985	5.033239	7.935555
Origin_BUFB	2	20.00	-0.209994	0.455012	0	0	0
Origin_BWI	8	80.00	1.903328	1.084874	1.663896	2.416160	2.709602
Origin_CAE	1	10.00	0.462655	1.463042	0	0	0
Origin_CHA	1	10.00	0.078750	0.249031	0	0	0
Origin_CID	1	10.00	-0.171020	0.540814	0	0	0
Origin_CIU	3	30.00	4.923796	13.183280	0	0	2.739323
Origin_CLT	7	70.00	-1.105583	0.990215	-1.368204	-1.214544	0
Origin_CMH	5	50.00	1.210306	1.654273	0	0.418214	1.862326
Origin_COS	1	10.00	0.166793	0.527445	0	0	0
Origin_COU	3	30.00	3.763878	6.676133	0	0	6.387848
Origin_DAL	10	100.00	10.755502	1.061969	10.113788	10.767216	11.646865
Origin_DCA	7	70.00	0.750424	0.802478	0	0.521205	1.286564
Origin_DEN	8	80.00	0.878260	0.575454	0.482708	0.936940	1.310327
Origin_DFW	10	100.00	5.665678	1.058324	4.946427	5.748061	6.410889
Origin_DSM	4	40.00	0.863436	1.200811	0	0	1.838140
Origin_DTW	4	40.00	-0.009154	0.360576	0	0	0
Origin_ECP	2	20.00	0.837040	1.767523	0	0	0

The GLMSELECT Procedure

Parameter	Number Non-zero	Non-zero Percentage	Mean Estimate	Standard Deviation	Average Parameter Estimates		
					Estimate Quantiles		
					25%	Median	75%
Origin_ELP	10	100.00	5.905129	2.620241	4.761107	5.579087	6.817201
Origin_EUG	4	40.00	2.228579	3.848444	0	0	3.819837
Origin_EWR	7	70.00	0.641968	0.719590	0	0.317747	1.487142
Origin_FAI	1	10.00	-0.094824	0.299860	0	0	0
Origin_FAR	1	10.00	-0.128900	0.407619	0	0	0
Origin_FAT	2	20.00	0.407603	0.936778	0	0	0
Origin_FLL	3	30.00	0.042670	0.254563	0	0	0
Origin_GCK	5	50.00	7.413774	9.922989	0	1.904007	13.032225
Origin_GEG	1	10.00	-0.154790	0.489490	0	0	0
Origin_GRR	1	10.00	-0.197106	0.623304	0	0	0
Origin_GSO	1	10.00	0.369536	1.168574	0	0	0
Origin_GSP	5	50.00	2.556704	3.452813	0	0.648982	4.609837
Origin_GTF	2	20.00	-0.199227	0.421424	0	0	0
Origin_HIB	1	10.00	-0.663732	2.098904	0	0	0
Origin_HNL	7	70.00	-3.668765	2.741769	-5.526711	-4.681447	0
Origin_HOB	6	60.00	25.796328	24.892833	0	32.922126	40.290283
Origin_HOU	10	100.00	9.879390	1.053666	8.983931	9.710399	10.654521
Origin_HSV	3	30.00	0.936348	1.814420	0	0	0.655771
Origin_IAD	5	50.00	0.620993	0.928948	0	0.068549	1.027922
Origin_IAH	10	100.00	8.026142	0.959918	7.312508	8.224373	8.556158
Origin_ICT	3	30.00	0.677070	1.313693	0	0	1.150837
Origin_IDA	1	10.00	-0.124540	0.393830	0	0	0
Origin_IND	3	30.00	0.259441	0.451631	0	0	0.629043
Origin_ITO	4	40.00	-1.019364	1.627013	-1.678239	0	0
Origin_JAC	4	40.00	-1.687710	2.392371	-2.954830	0	0
Origin_JAN	2	20.00	0.304611	0.670077	0	0	0
Origin_JAX	3	30.00	0.785330	1.540467	0	0	0.596478
Origin_JFK	5	50.00	0.253167	0.375878	0	0.053299	0.476900
Origin_JLN	1	10.00	0.113639	0.359357	0	0	0
Origin_JMS	3	30.00	-2.545197	4.482879	-4.779155	0	0
Origin_JNU	3	30.00	-0.909751	2.108009	-0.982764	0	0
Origin_KOA	4	40.00	-1.074539	1.668774	-1.320237	0	0
Origin_KTN	4	40.00	-1.812425	2.861550	-3.864352	0	0
Origin_LAS	9	90.00	2.675518	1.046555	2.414480	2.770980	3.416395

The GLMSELECT Procedure

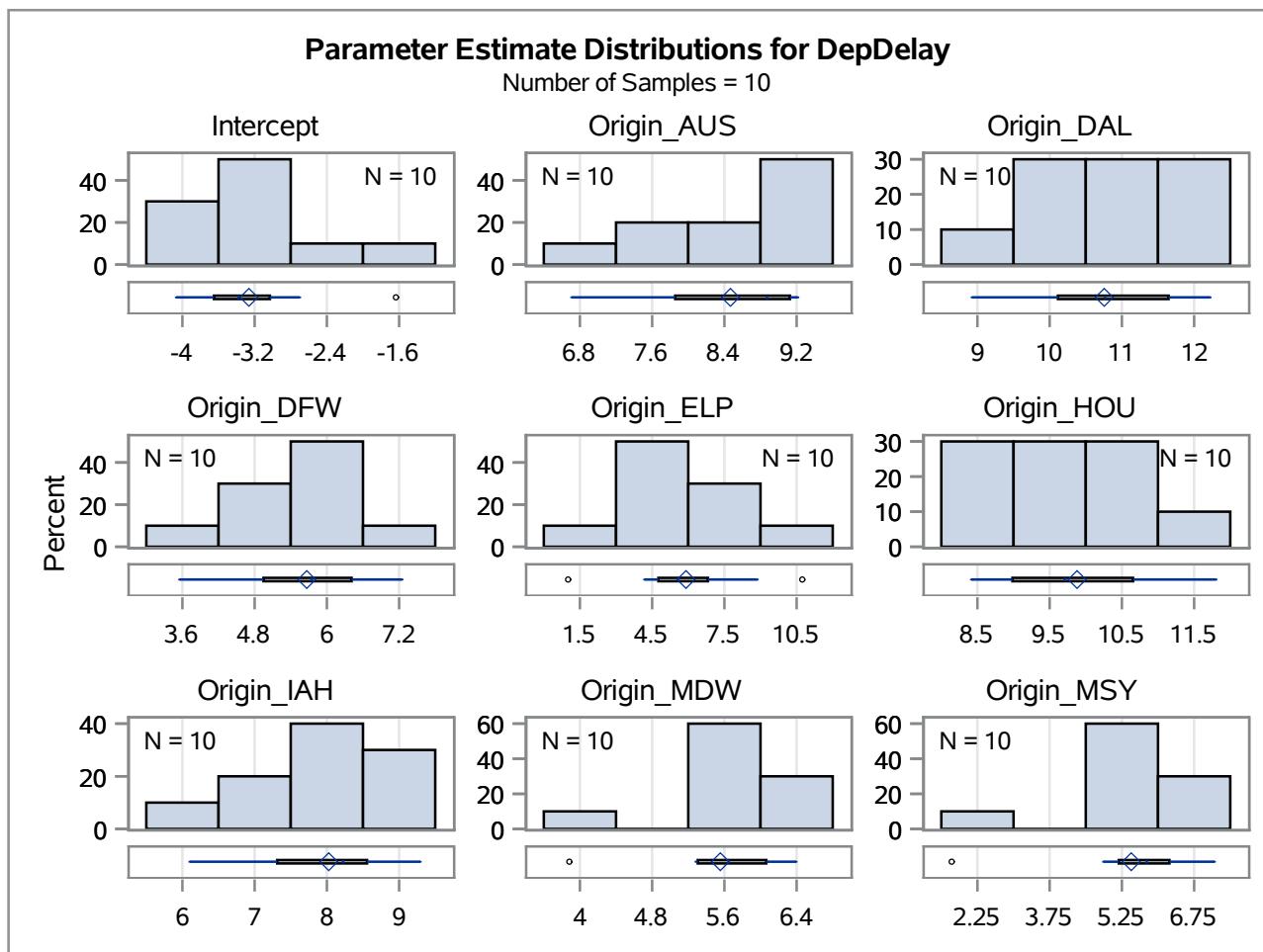
Parameter	Number Non-zero	Non-zero Percentage	Mean Estimate	Standard Deviation	Average Parameter Estimates		
					Estimate Quantiles		
					25%	Median	75%
Origin_LAW	3	30.00	2.922448	6.430432	0	0	1.563071
Origin_LAX	8	80.00	0.900681	0.787907	0.368079	0.723835	1.106689
Origin_LBB	9	90.00	6.824829	3.685503	5.202075	7.336648	8.590497
Origin_LCH	1	10.00	0.048760	0.154192	0	0	0
Origin_LFT	4	40.00	2.088604	3.031403	0	0	3.398363
Origin_LGA	9	90.00	2.836130	1.212744	2.633457	3.032231	3.486863
Origin_LIH	7	70.00	-4.346133	3.485984	-7.553211	-4.635423	0
Origin_LIT	9	90.00	3.860868	2.431574	1.866700	3.690226	4.823454
Origin_LNK	2	20.00	0.635859	1.361069	0	0	0
Origin_LRD	1	10.00	0.563766	1.782786	0	0	0
Origin_MAF	6	60.00	2.606440	2.697914	0	2.156193	6.020086
Origin_MCI	9	90.00	3.257893	1.578435	2.952493	3.483683	4.439512
Origin_MCO	8	80.00	1.009259	0.765072	0.523861	0.900579	1.564574
Origin_MDT	1	10.00	0.154952	0.490001	0	0	0
Origin_MDW	10	100.00	5.555102	0.698315	5.305300	5.646497	6.064393
Origin_MEI	5	50.00	7.895100	9.204425	0	3.529565	16.950577
Origin_MEM	6	60.00	1.055016	1.232752	0	0.866794	1.399170
Origin_MFE	5	50.00	2.900432	3.209712	0	2.013467	6.383901
Origin_MFR	2	20.00	0.714183	1.557695	0	0	0
Origin_MHK	5	50.00	5.230899	6.855150	0	2.121110	10.080944
Origin_MIA	6	60.00	0.783989	0.797757	0	0.599453	1.570181
Origin_MLU	1	10.00	0.146762	0.464102	0	0	0
Origin_MOB	1	10.00	0.309912	0.980029	0	0	0
OriginMSN	2	20.00	-0.572226	1.259235	0	0	0
Origin_MSO	1	10.00	-0.664356	2.100878	0	0	0
Origin_MSP	7	70.00	-0.696244	0.785121	-0.949420	-0.470379	0
Origin_MSY	10	100.00	5.443329	1.463596	5.185467	5.764304	6.236865
Origin_MYR	1	10.00	-0.298575	0.944178	0	0	0
Origin_OAK	7	70.00	0.910775	0.845187	0	0.777261	1.663825
Origin_OGG	5	50.00	-1.194355	1.653818	-2.536461	-0.272380	0
Origin_OKC	9	90.00	4.642313	2.311159	3.835452	5.460367	6.269116
Origin_ONT	6	60.00	1.567664	1.696061	0	1.587230	2.145739
Origin_ORD	8	80.00	1.522574	0.895092	1.460280	1.608584	2.098346
Origin_ORF	3	30.00	1.324295	2.369750	0	0	2.268444

The GLMSELECT Procedure

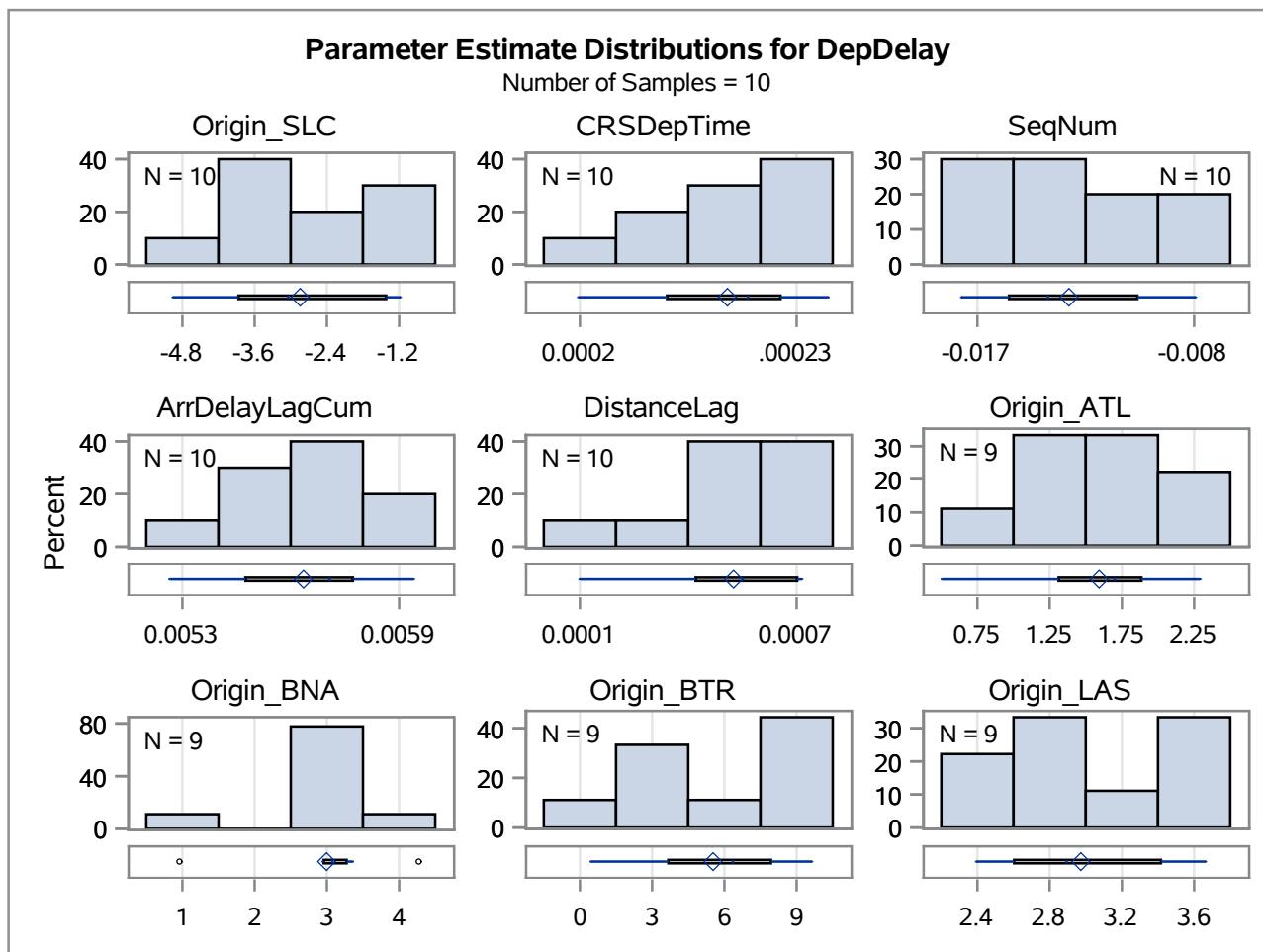
Average Parameter Estimates							
Parameter	Number Non-zero	Non-zero Percentage	Mean Estimate	Standard Deviation	Estimate Quantiles		
					25%	Median	75%
Origin_OTH	1	10.00	7.880777	24.921206	0	0	0
Origin_PDX	5	50.00	-1.408082	1.789367	-1.866784	-0.851375	0
Origin_PHL	8	80.00	2.017598	1.265275	1.201440	2.433634	2.675211
Origin_PHX	7	70.00	0.557631	0.522144	0	0.559748	0.669563
Origin_PIB	5	50.00	11.056425	13.853532	0	2.345773	24.355351
Origin_PNS	3	30.00	0.930215	1.530065	0	0	2.514761
Origin_RDU	2	20.00	0.257415	0.615703	0	0	0
Origin_ROC	1	10.00	0.142008	0.449069	0	0	0
Origin_ROW	3	30.00	1.301673	2.164109	0	0	3.231938
Origin_SAF	1	10.00	0.200782	0.634929	0	0	0
Origin_SAN	6	60.00	0.398145	0.437756	0	0.344307	0.651955
Origin_SAT	9	90.00	2.443254	1.426955	1.741443	2.683184	3.327912
Origin_SAV	4	40.00	1.272103	1.735301	0	0	3.283852
Origin_SEA	8	80.00	-1.657527	1.378328	-1.791147	-1.527979	-0.843922
Origin_SFO	9	90.00	2.295317	0.904365	2.424810	2.486347	2.672763
Origin_SGF	1	10.00	0.014216	0.044955	0	0	0
Origin_SHV	8	80.00	4.747088	3.407963	3.329593	4.544450	6.063861
Origin_SJC	1	10.00	-0.126793	0.400956	0	0	0
Origin_SJT	3	30.00	1.641575	3.038972	0	0	2.578289
Origin_SLC	10	100.00	-2.842996	1.244661	-3.868360	-3.039729	-1.414558
Origin_SMF	3	30.00	0.312559	0.550865	0	0	0.578491
Origin_SMX	1	10.00	0.226871	0.717428	0	0	0
Origin_STL	9	90.00	2.509170	1.316589	1.673039	2.738146	3.242094
Origin_STT	4	40.00	2.189759	4.339880	0	0	2.031441
Origin_TLH	2	20.00	0.637954	1.380075	0	0	0
Origin_TPA	9	90.00	2.853385	1.449109	2.269409	2.983321	3.691080
Origin_TUL	6	60.00	1.789036	2.021247	0	0.915936	3.422912
Origin_TYR	5	50.00	4.604069	6.823171	0	1.038655	5.770442
Origin_TYS	1	10.00	0.229516	0.725793	0	0	0
Origin_VPS	4	40.00	0.579736	0.960733	0	0	1.095666
Origin_XNA	2	20.00	0.637406	1.913644	0	0	0
CRSDepTime	10	100.00	0.000215	0.000011023	0.000207	0.000218	0.000223
SeqNum	10	100.00	-0.012700	0.003158	-0.015190	-0.013573	-0.009856
ArrDelayLagInd	9	90.00	0.609930	0.261411	0.551245	0.666364	0.795890

The GLMSELECT Procedure

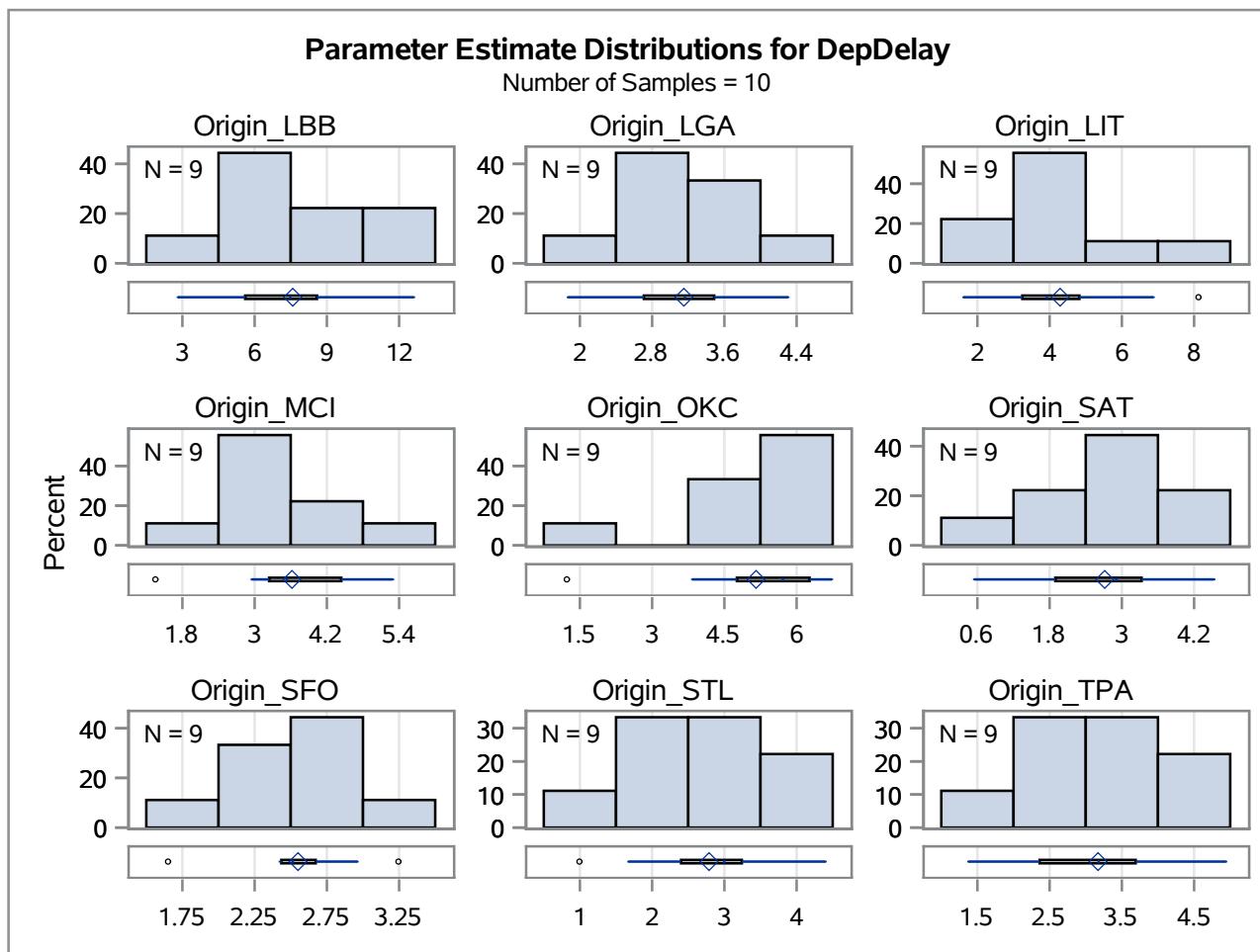
Parameter	Number Non-zero	Non-zero Percentage	Mean Estimate	Standard Deviation	Estimate Quantiles		
					25%	Median	75%
ArrDelayLag	1	10.00	0.000167	0.000529	0	0	0
ArrDelayLagCum	10	100.00	0.005635	0.000211	0.005475	0.005708	0.005772
ArrDelayLag2	2	20.00	0.000594	0.001256	0	0	0
DistanceLag	10	100.00	0.000525	0.000190	0.000420	0.000551	0.000702



The GLMSELECT Procedure



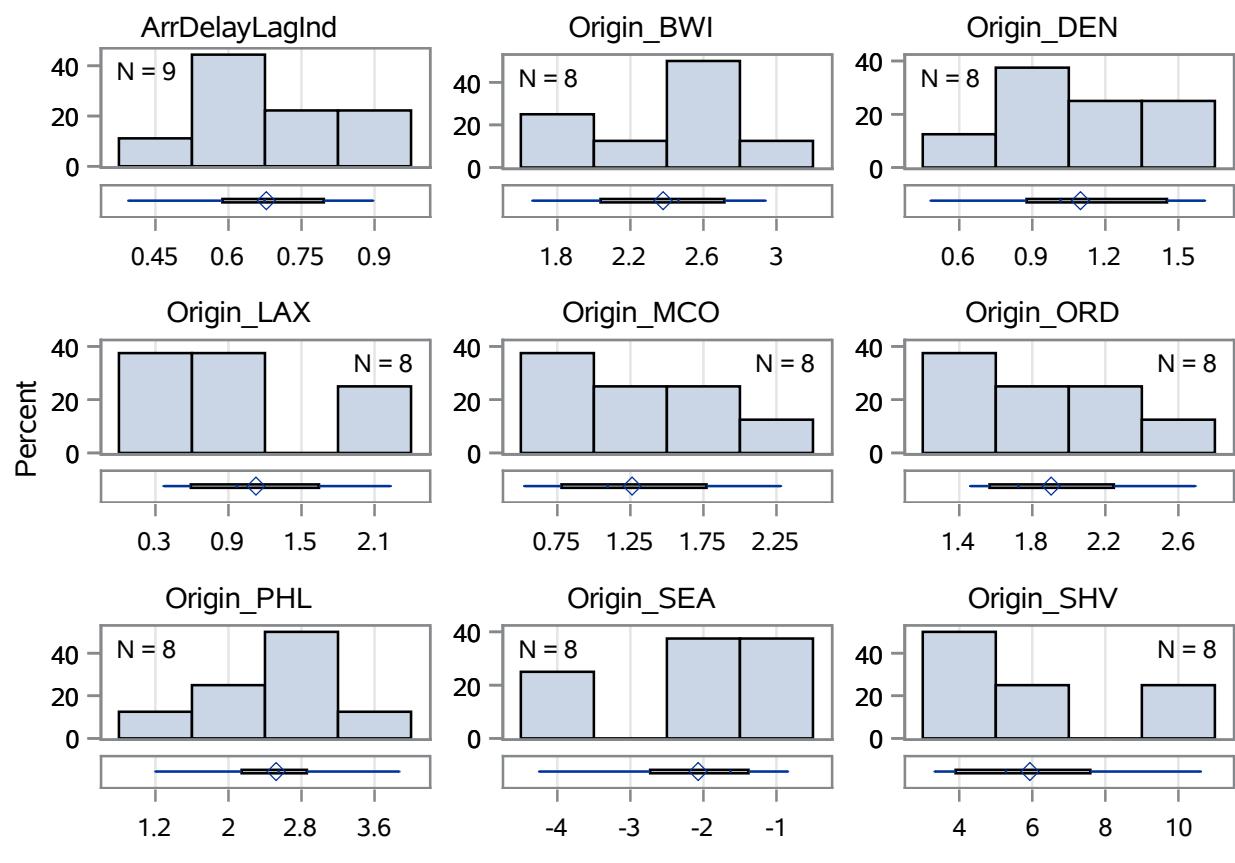
The GLMSELECT Procedure



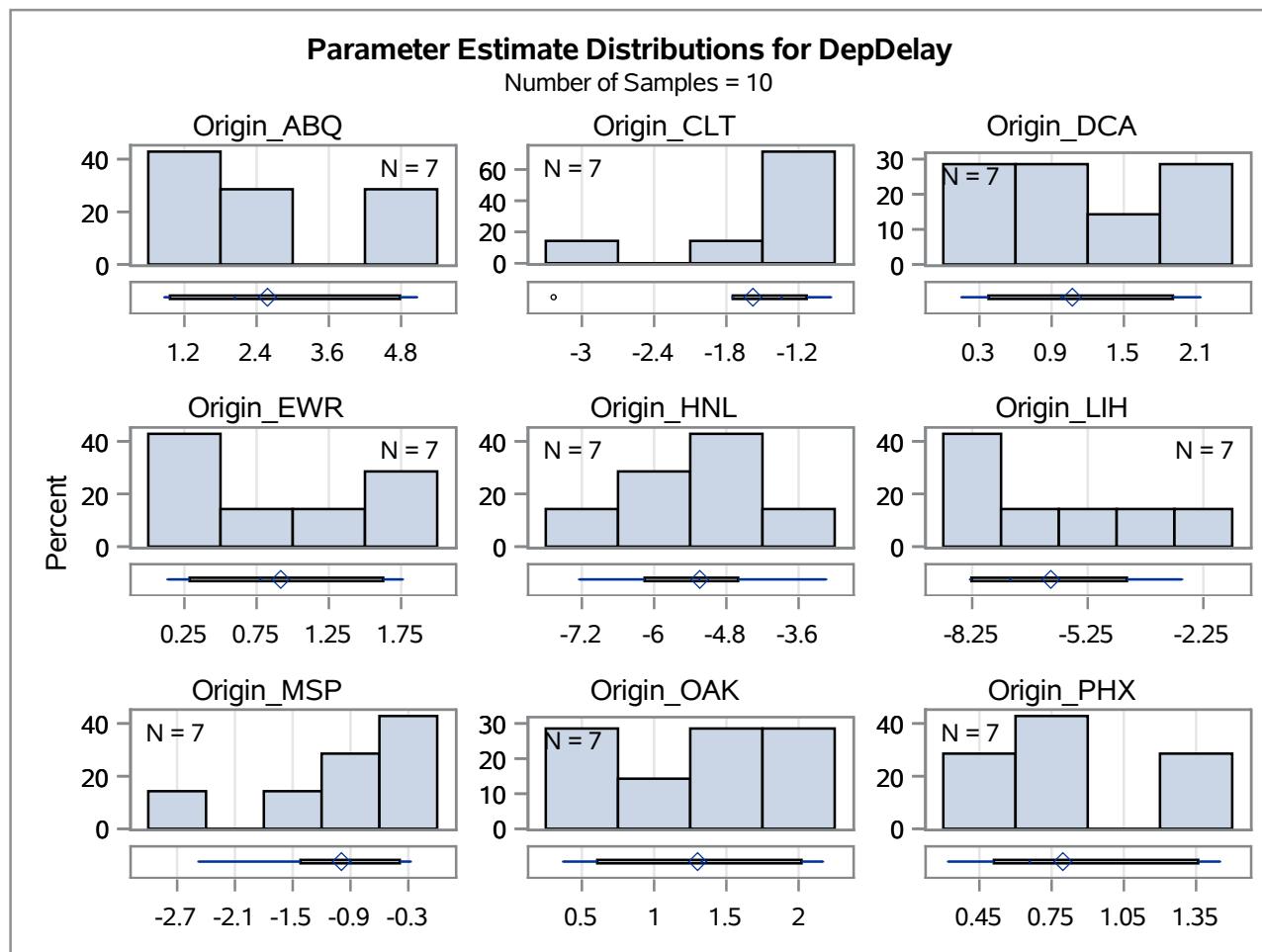
The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

Number of Samples = 10



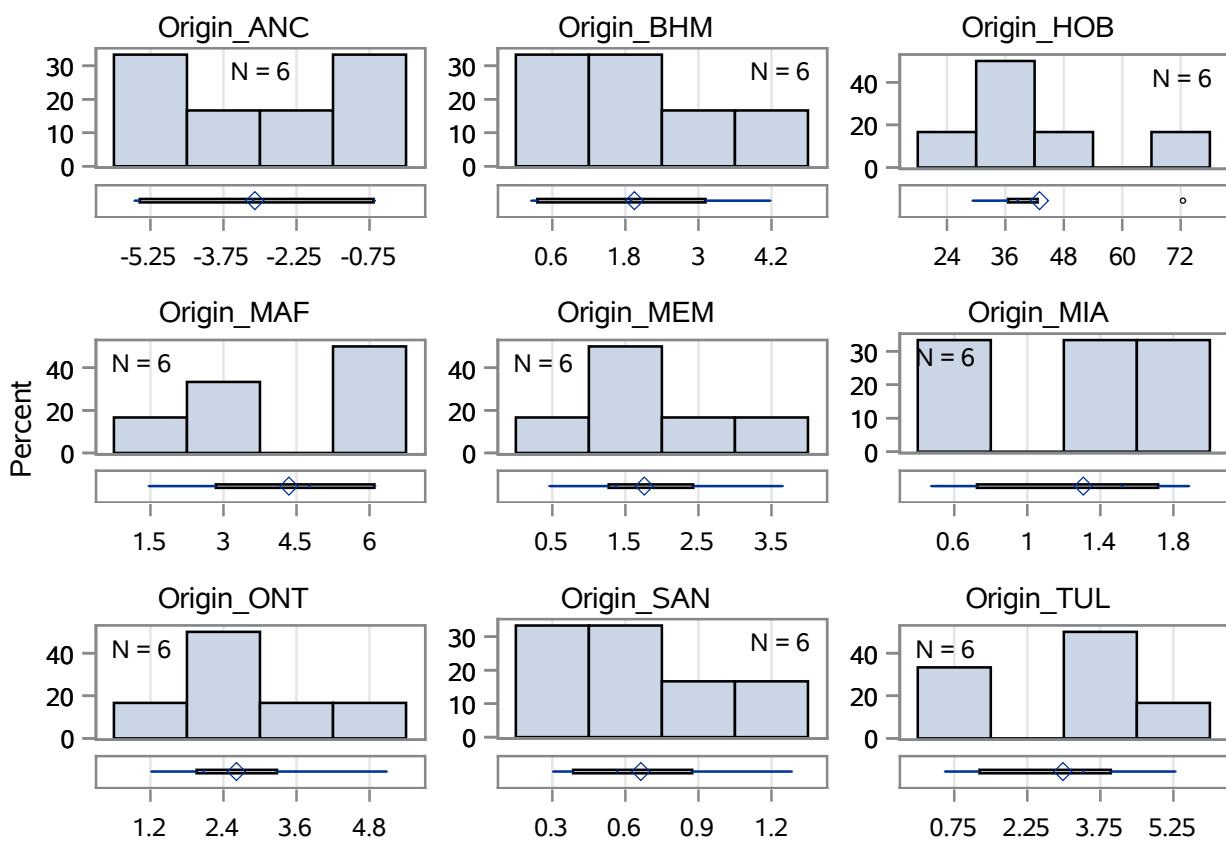
The GLMSELECT Procedure



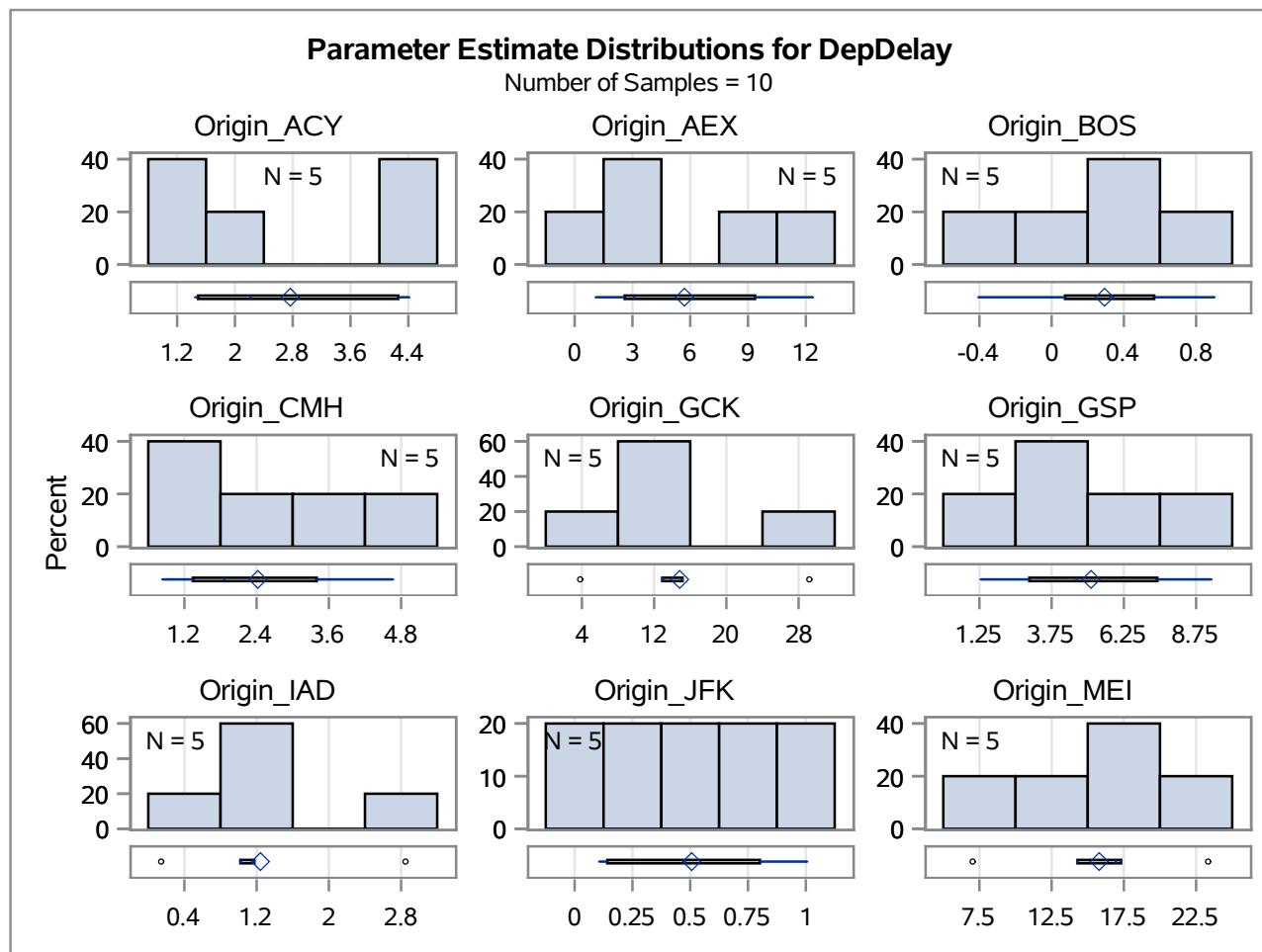
The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

Number of Samples = 10



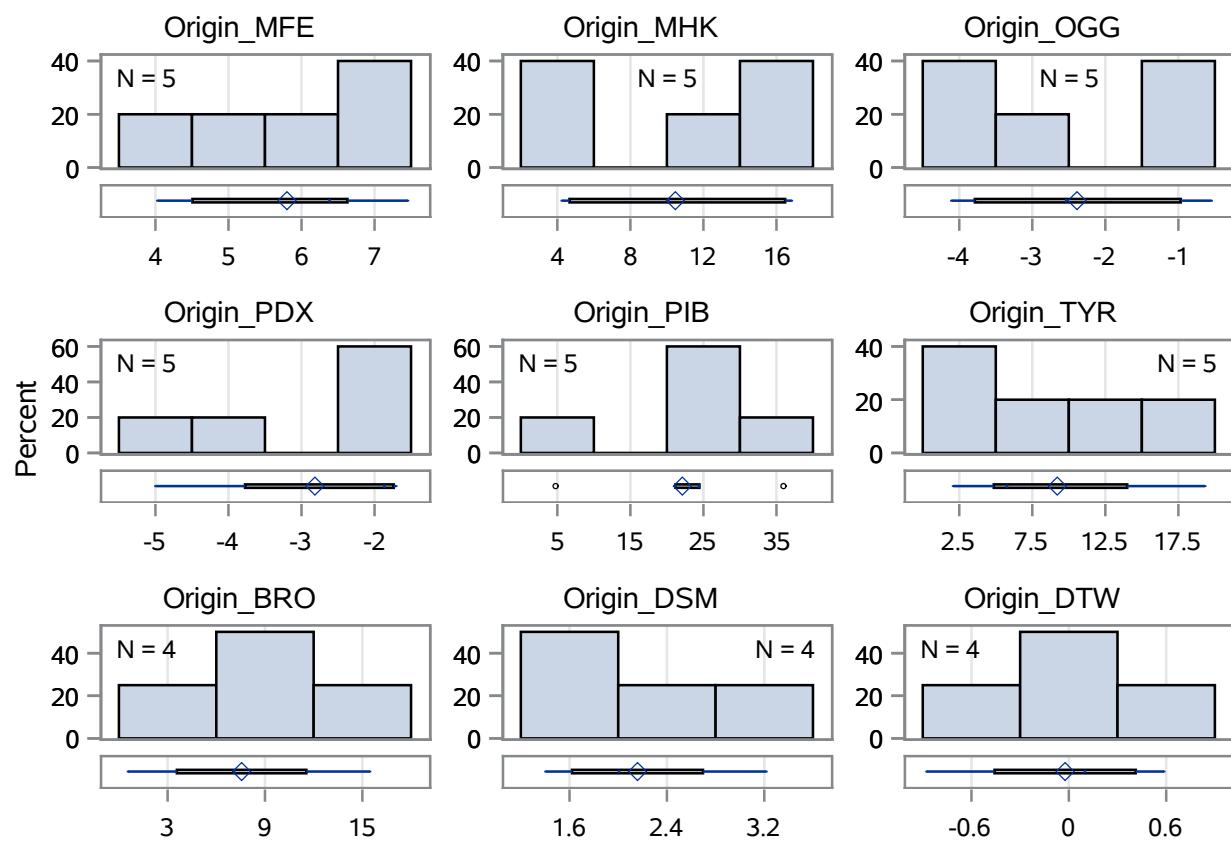
The GLMSELECT Procedure



The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

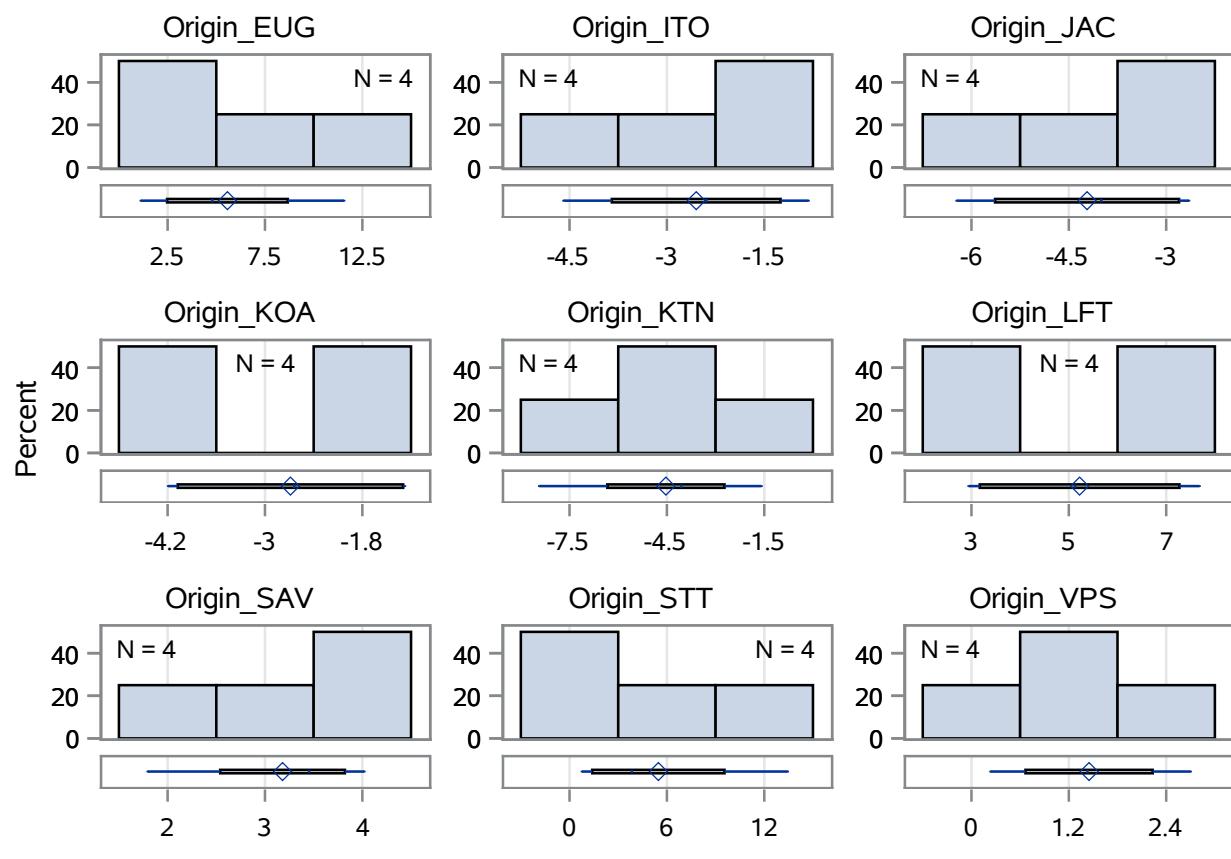
Number of Samples = 10



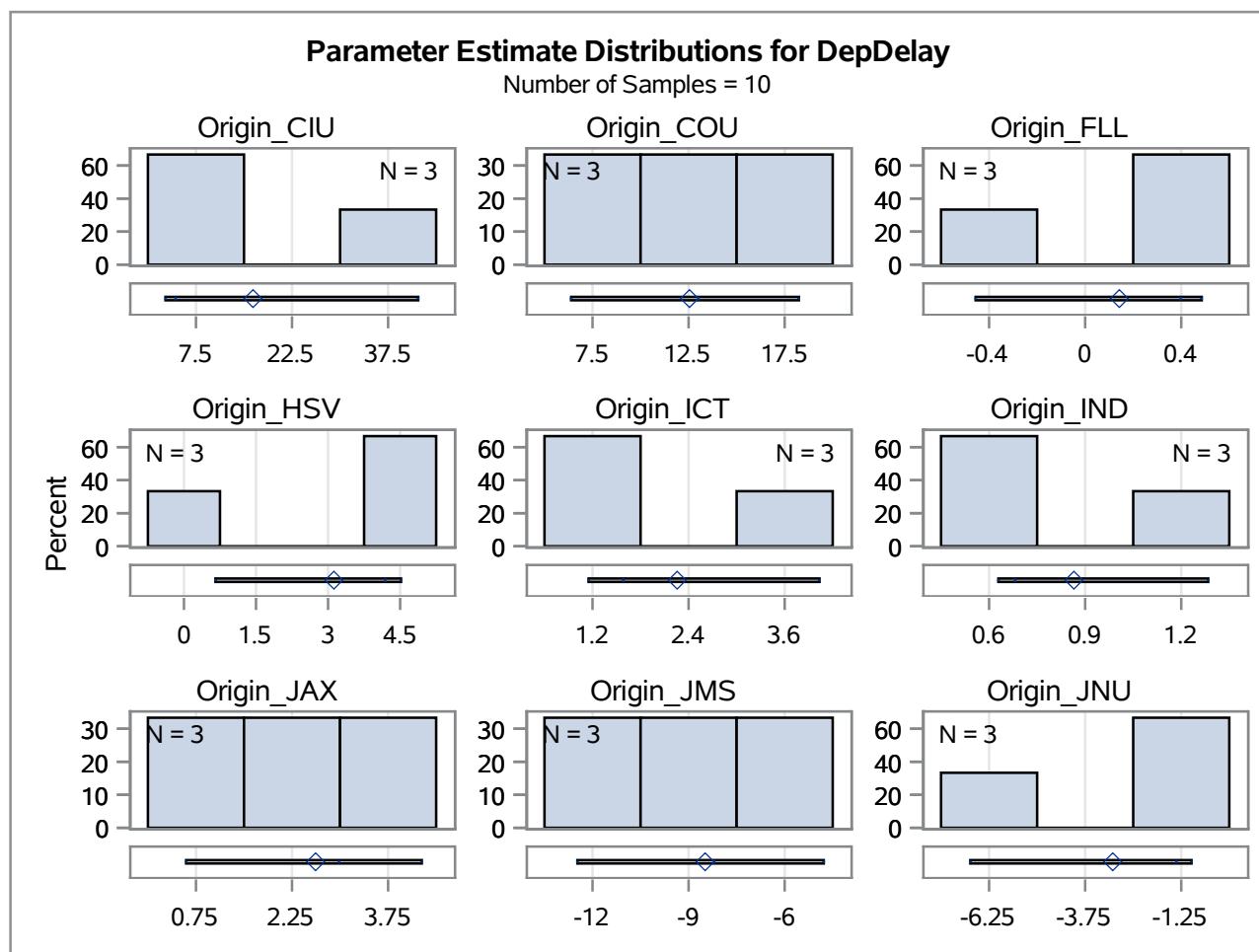
The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

Number of Samples = 10



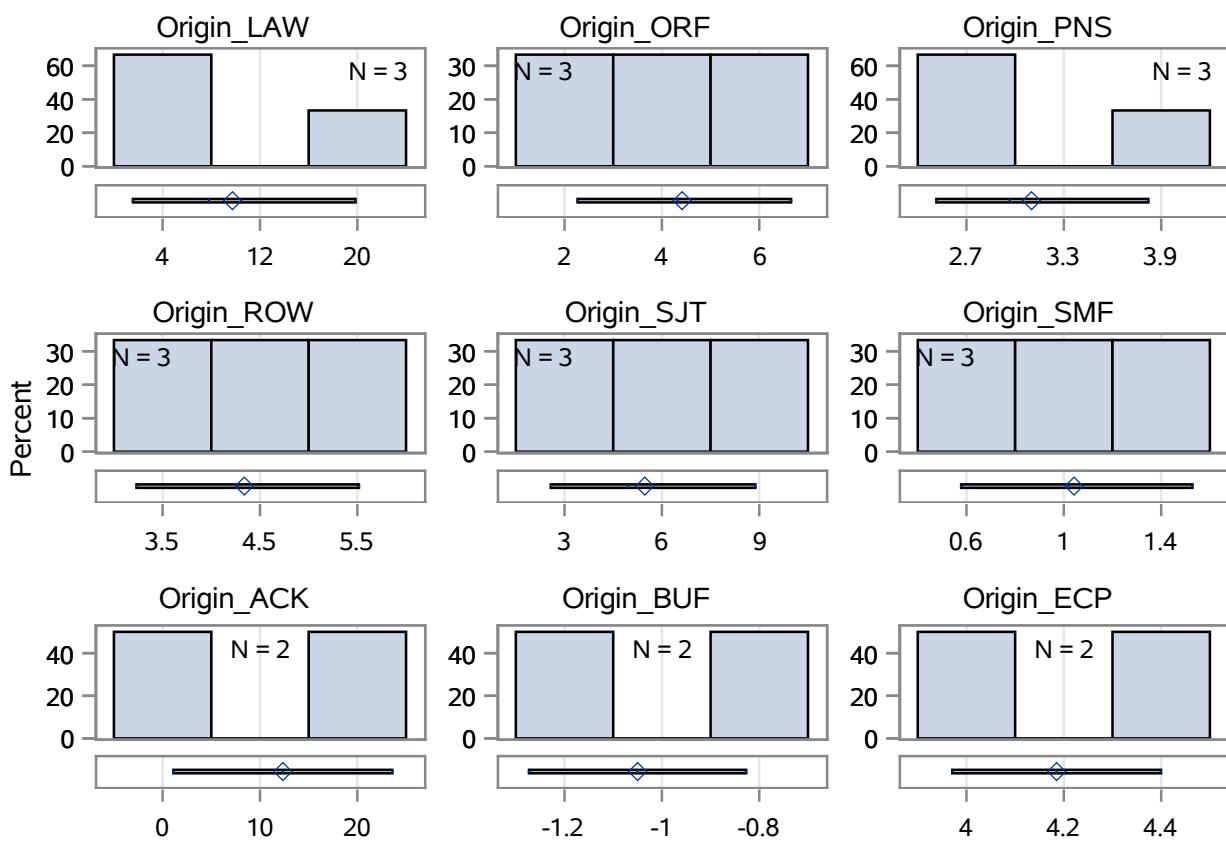
The GLMSELECT Procedure



The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

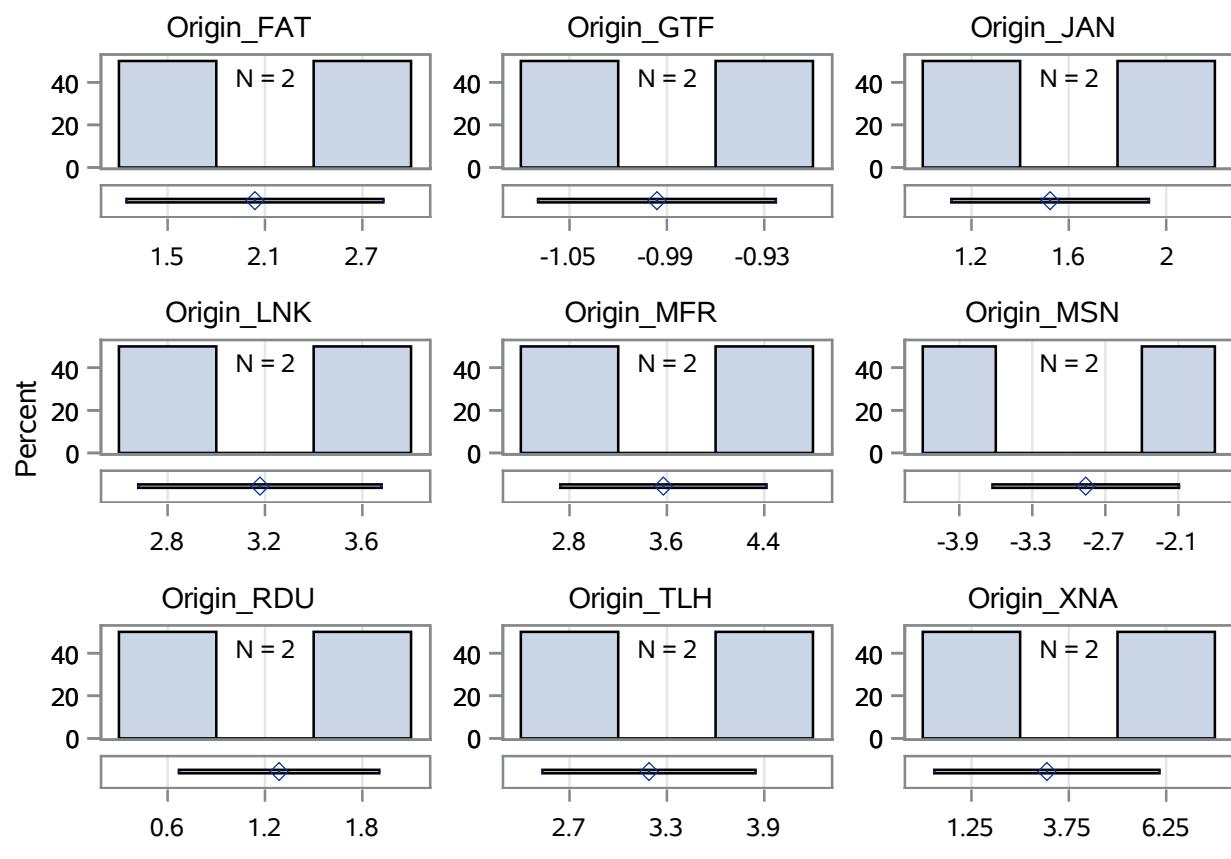
Number of Samples = 10



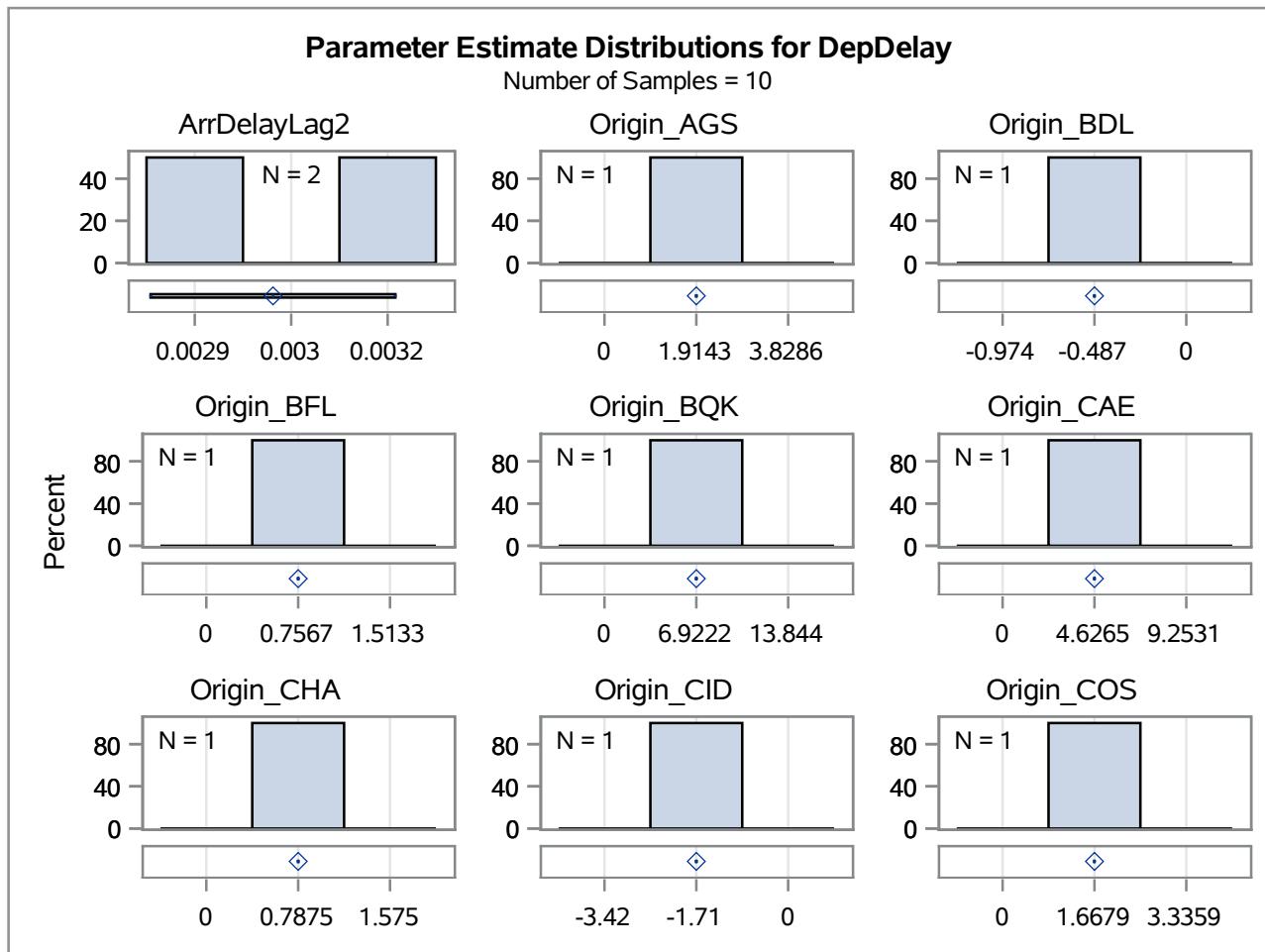
The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

Number of Samples = 10



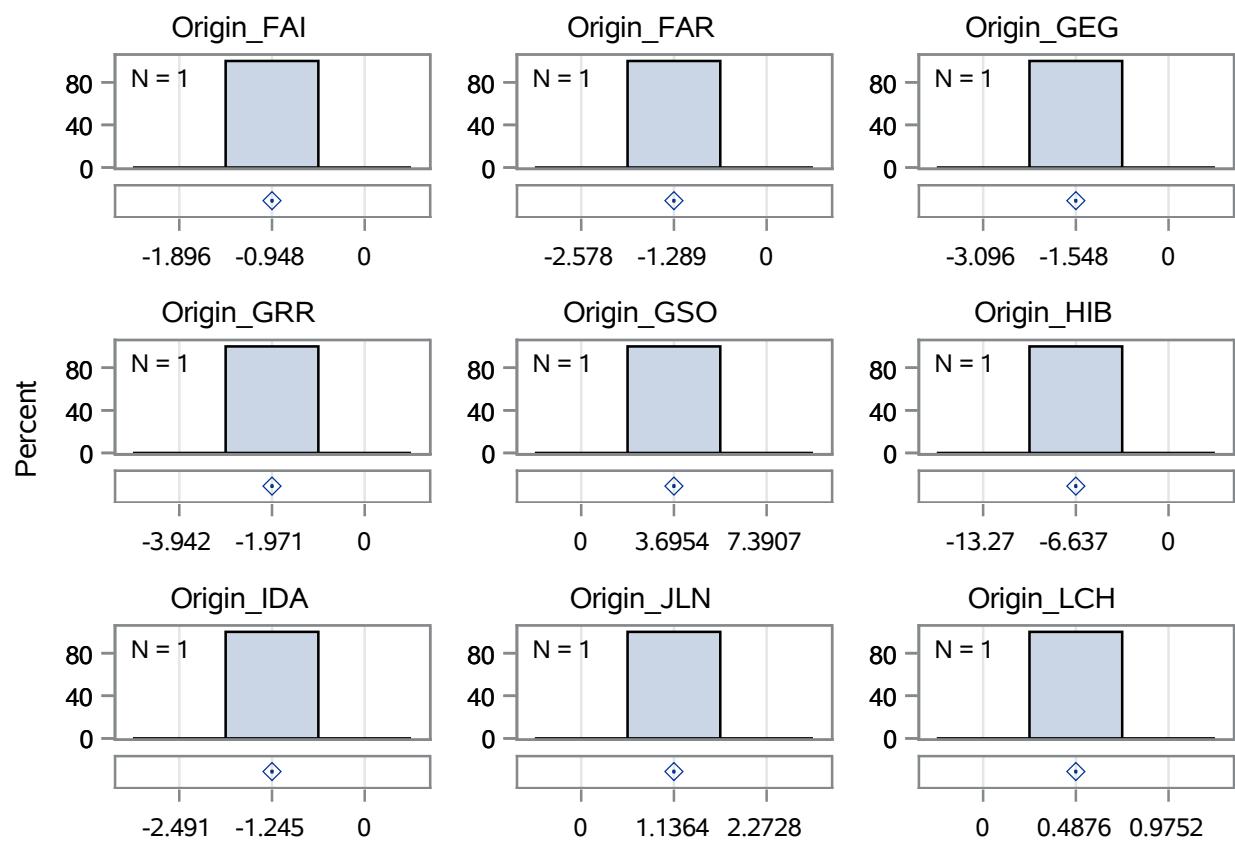
The GLMSELECT Procedure



The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

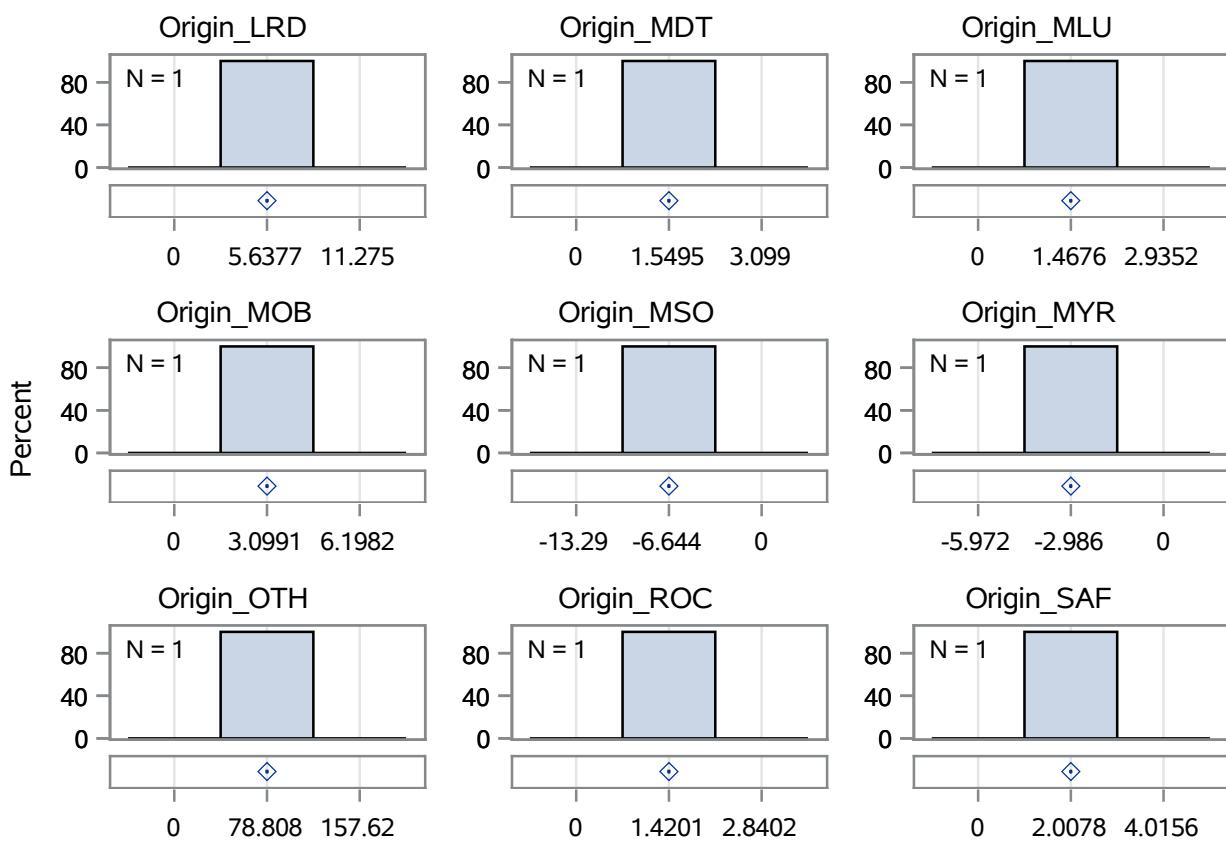
Number of Samples = 10



The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

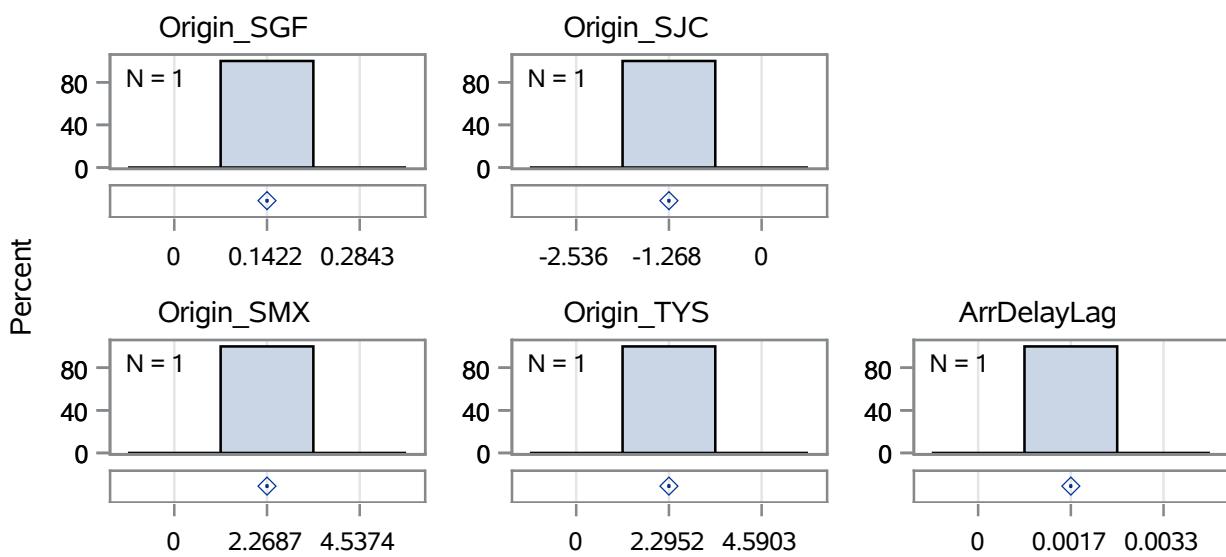
Number of Samples = 10



The GLMSELECT Procedure

Parameter Estimate Distributions for DepDelay

Number of Samples = 10



The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Number of Observations Read	496993
Number of Observations Used	496993

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	18258377	2282297	1664.10	<.0001
Error	496984	681608039	1371.48890		
Corrected Total	496992	699866416			

Root MSE	37.03362	R-Square	0.0261
Dependent Mean	9.35264	Adj R-Sq	0.0261
Coeff Var	395.96973		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-2.99607	0.18302	-16.37	<.0001
CRSDepTime	1	0.00026613	0.00000576	46.22	<.0001
SeqNum	1	-0.03113	0.00219	-14.20	<.0001
ArrDelayLag	1	0.00350	0.00162	2.17	0.0303
ArrDelayLagInd	1	0.95726	0.13393	7.15	<.0001
ArrDelayLagCum	1	0.00600	0.00009026	66.46	<.0001
ArrDelayLag2	1	0.00626	0.00137	4.56	<.0001
CancelledLag	1	-0.01421	0.49947	-0.03	0.9773
DistanceLag	1	0.00053956	0.00009379	5.75	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Number of Observations Read	496993
Number of Observations Used	496993

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	18230074	2278759	1661.45	<.0001
Error	496984	681636342	1371.54585		
Corrected Total	496992	699866416			

Root MSE	37.03439	R-Square	0.0260
Dependent Mean	9.35264	Adj R-Sq	0.0260
Coeff Var	395.97795		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-2.94740	0.18302	-16.10	<.0001
CRSDepTime	1	0.00026740	0.00000576	46.44	<.0001
SeqNum	1	-0.03155	0.00219	-14.39	<.0001
ArrDelayLag	1	0.00473	0.00162	2.93	0.0034
ArrDelayLagInd	1	0.83353	0.13393	6.22	<.0001
ArrDelayLagCum	1	0.00600	0.00009027	66.52	<.0001
ArrDelayLag2	1	0.00550	0.00137	4.00	<.0001
CancelledLag	1	0.10156	0.49960	0.20	0.8389
DistanceLag	1	0.00048789	0.00009379	5.20	<.0001