The SAS System

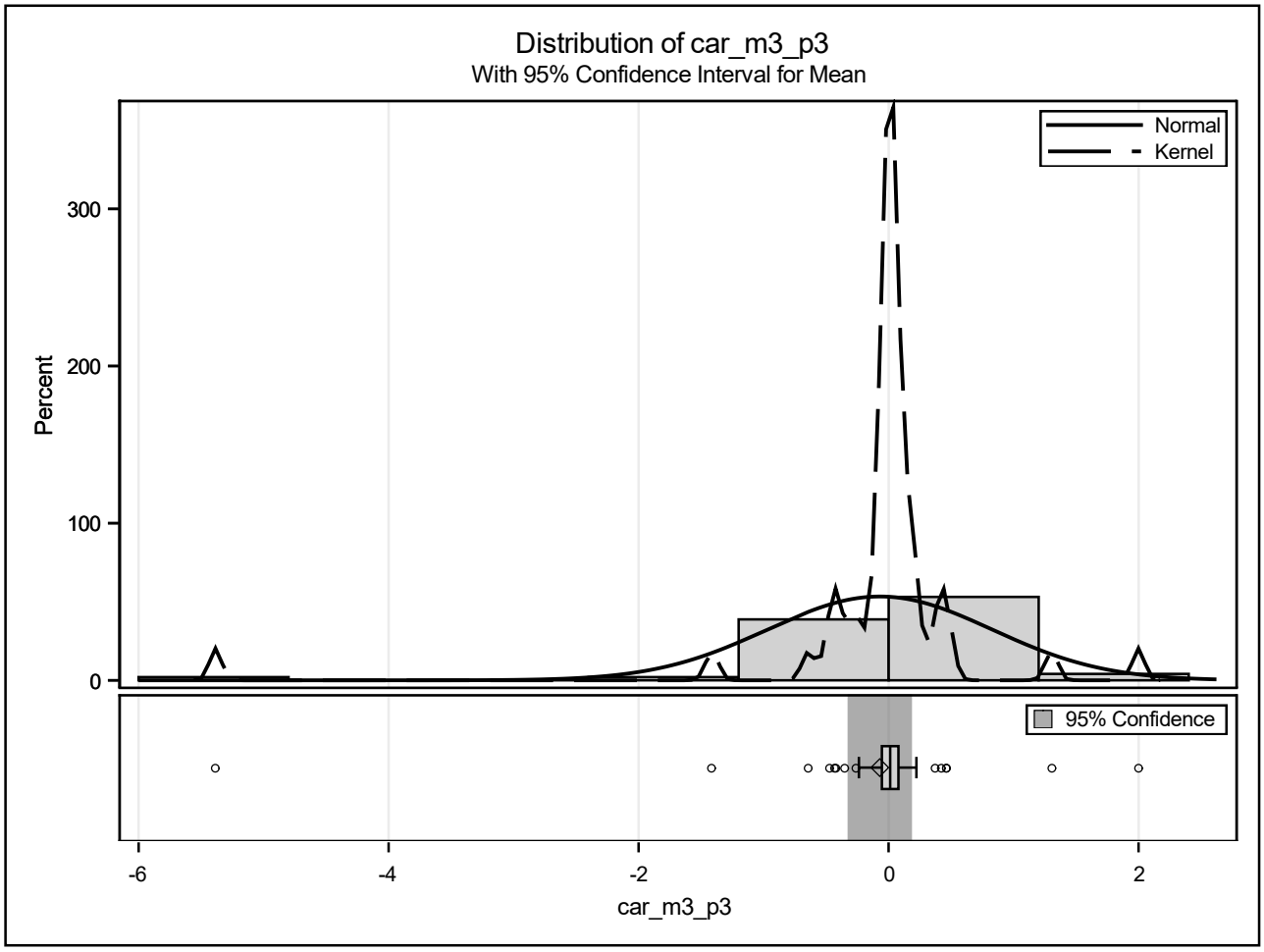
The TTEST Procedure

Variable: car_m3_p3

N	Mean	Std Dev	Std Err	Minimum	Maximum
49	-0.0710	0.8977	0.1282	-5.3846	1.9979

Mean	95% CL Mean		Std Dev	95% CL Std Dev	
-0.0710	-0.3288	0.1868	0.8977	0.7486	1.1214

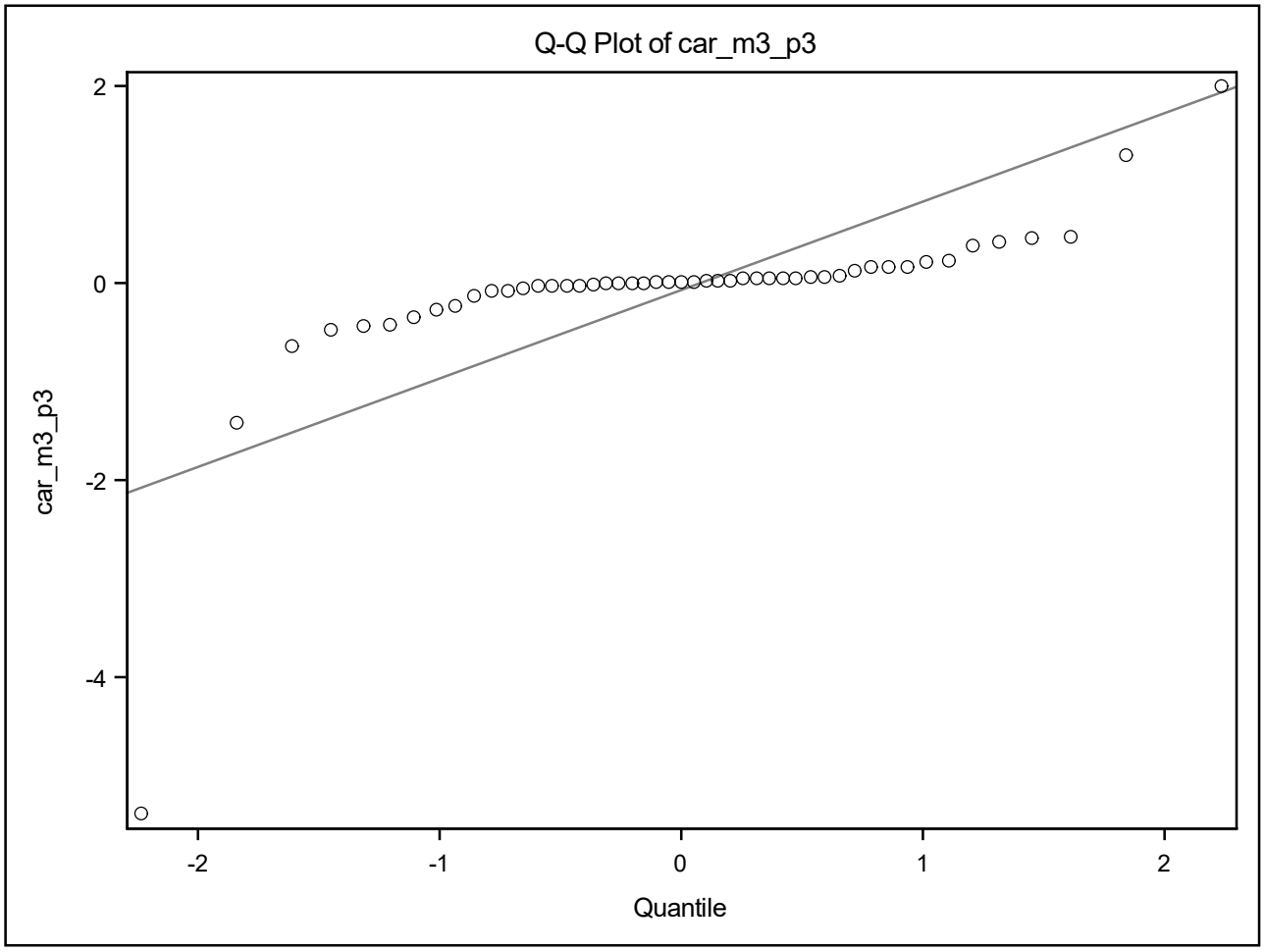
DF	t Value	Pr > |t|
48	-0.55	0.5824



The SAS System

The TTEST Procedure

Variable: car_m3_p3



Variable: car_m5_p5

N	*Mean*	*Std Dev*	*Std Err*	*Minimum*	*Maximum*
49	-0.0613	0.8596	0.1228	-4.3659	2.2702

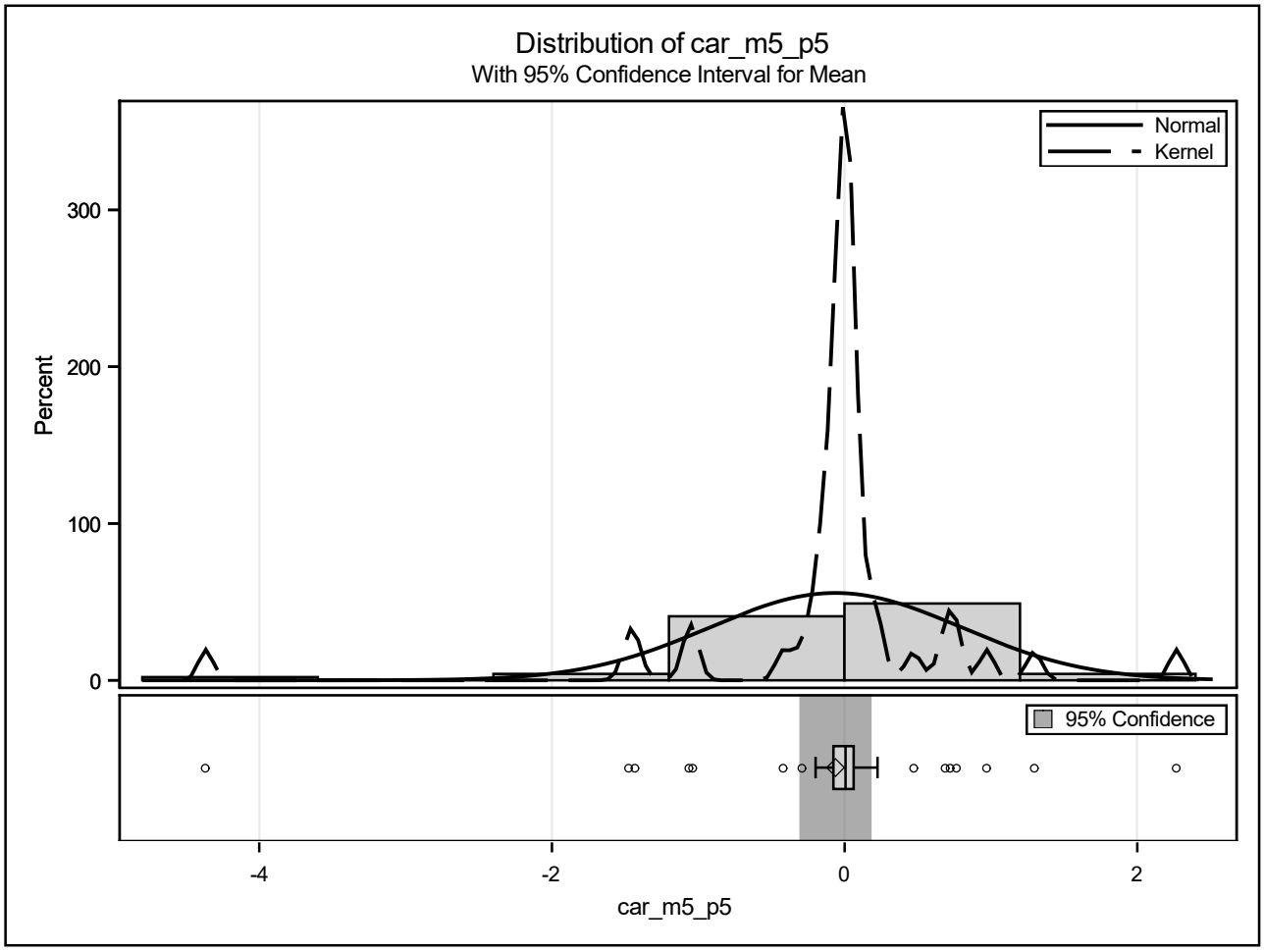
Mean	*95% CL Mean*		*Std Dev*	*95% CL Std Dev*	
-0.0613	-0.3082	0.1856	0.8596	0.7168	1.0739

DF	*t Value*	*Pr > |t|*
48	-0.50	0.6198

The SAS System

The TTEST Procedure

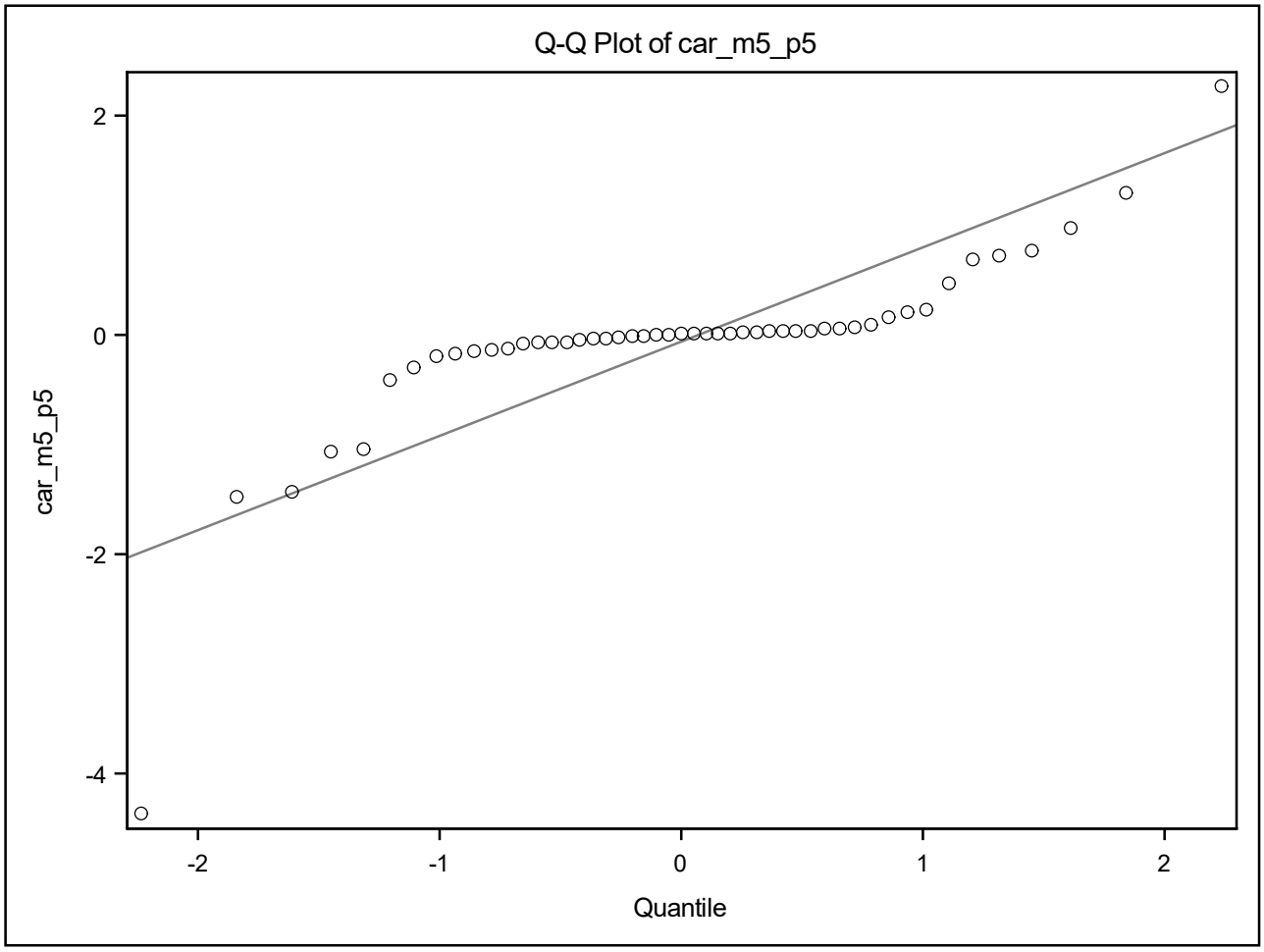
Variable: car_m5_p5



The SAS System

The TTEST Procedure

Variable: car_m5_p5



Variable: car_m10_p10

N	Mean	Std Dev	Std Err	Minimum	Maximum
49	-0.0570	0.6225	0.0889	-1.8797	1.4461

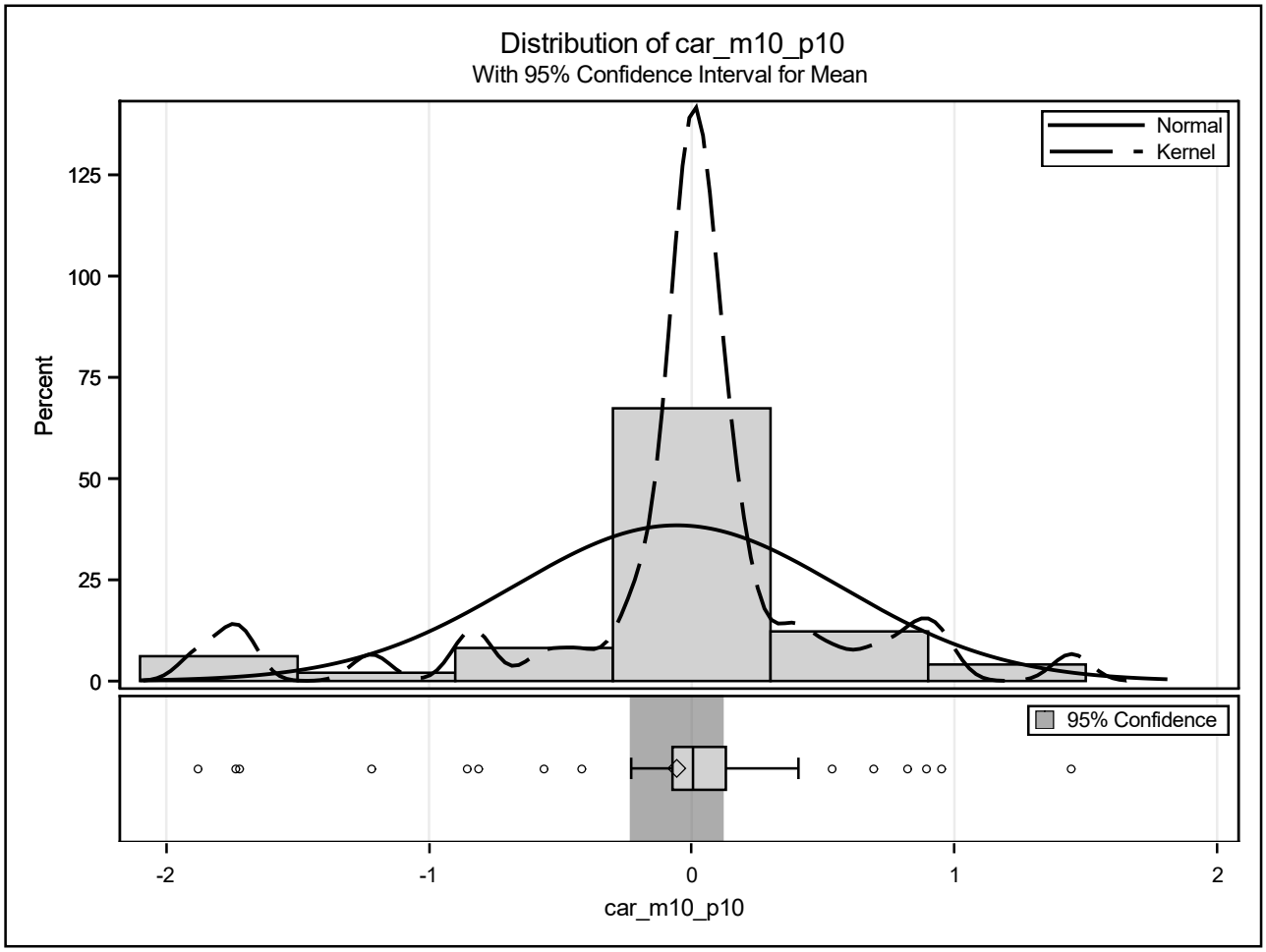
Mean	95% CL Mean		Std Dev	95% CL Std Dev	
-0.0570	-0.2358	0.1218	0.6225	0.5192	0.7777

DF	t Value	Pr > |t|
48	-0.64	0.5248

The SAS System

The TTEST Procedure

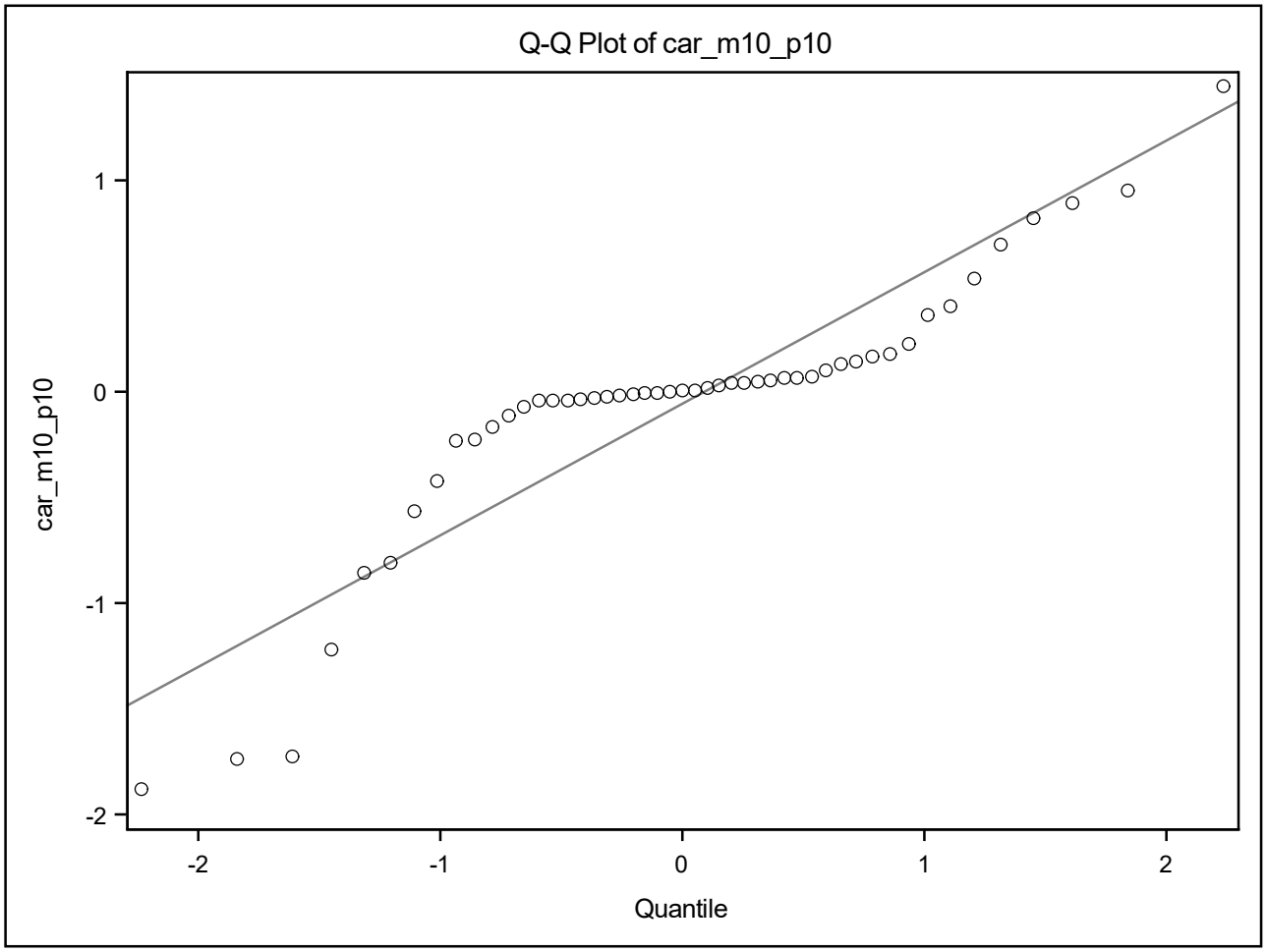
Variable: car_m10_p10



The SAS System

The TTEST Procedure

Variable: car_m10_p10



The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: car_m3_p3

Number of Observations Read	458
Number of Observations Used	437
Number of Observations with Missing Values	21

Analysis of Variance

Source	*DF*	*Sum of Squares*	*Mean Square*	*F Value*	*Pr > F*
Model	2	700.30178	350.15089	136.72	<.0001
Error	434	1111.49563	2.56105		
Corrected Total	436	1811.79740			

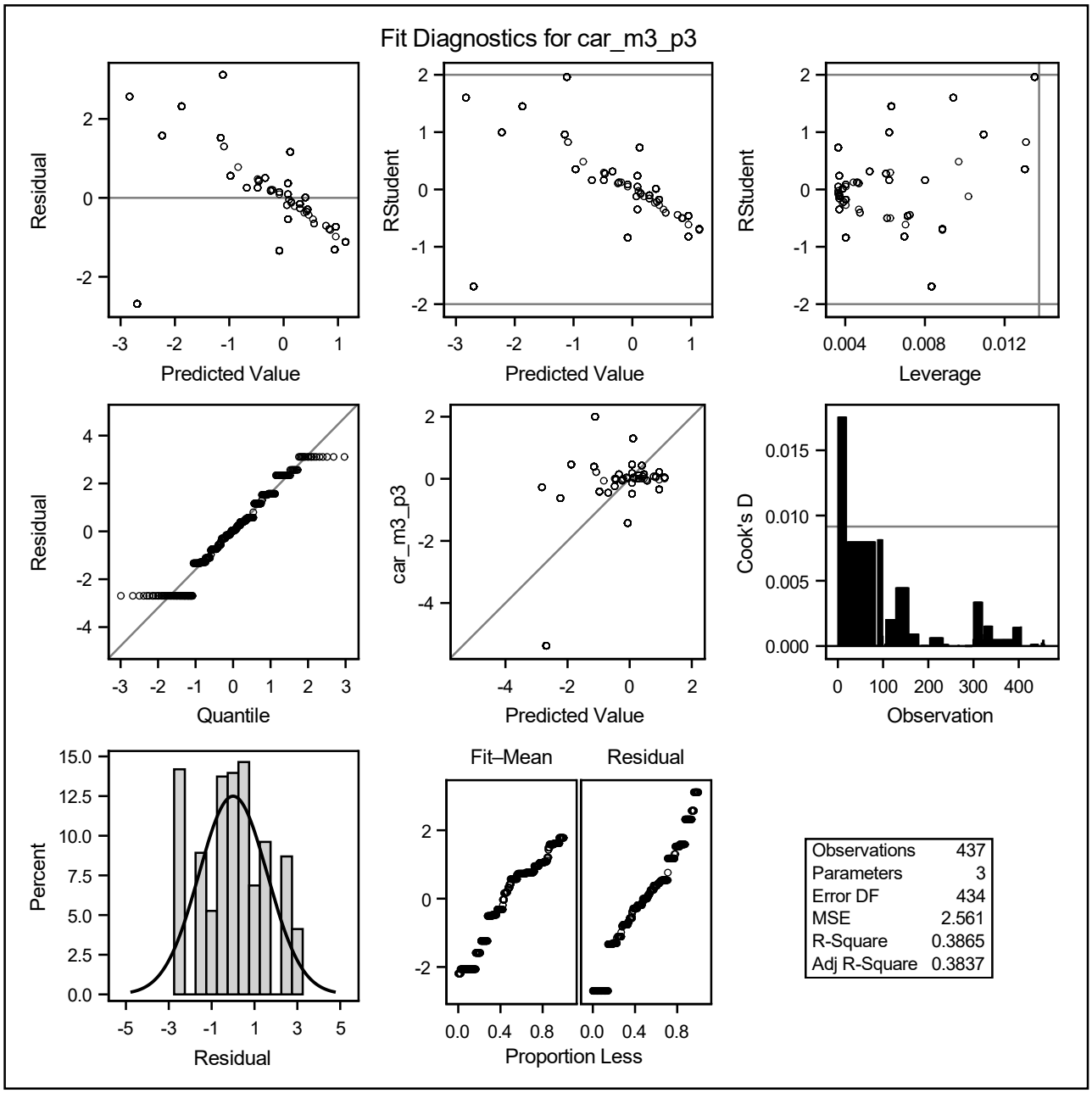
Root MSE	1.60033	*R-Square*	0.3865
Dependent Mean	-0.65184	*Adj R-Sq*	0.3837
Coeff Var	-245.50917		

Parameter Estimates

Variable	*DF*	*Parameter Estimate*	*Standard Error*	*t Value*	*Pr > |t|*
Intercept	1	-7.79130	1.61844	-4.81	<.0001
sentiment	1	-8.30376	0.66716	-12.45	<.0001
lme_final	1	0.60401	0.07359	8.21	<.0001

The SAS System

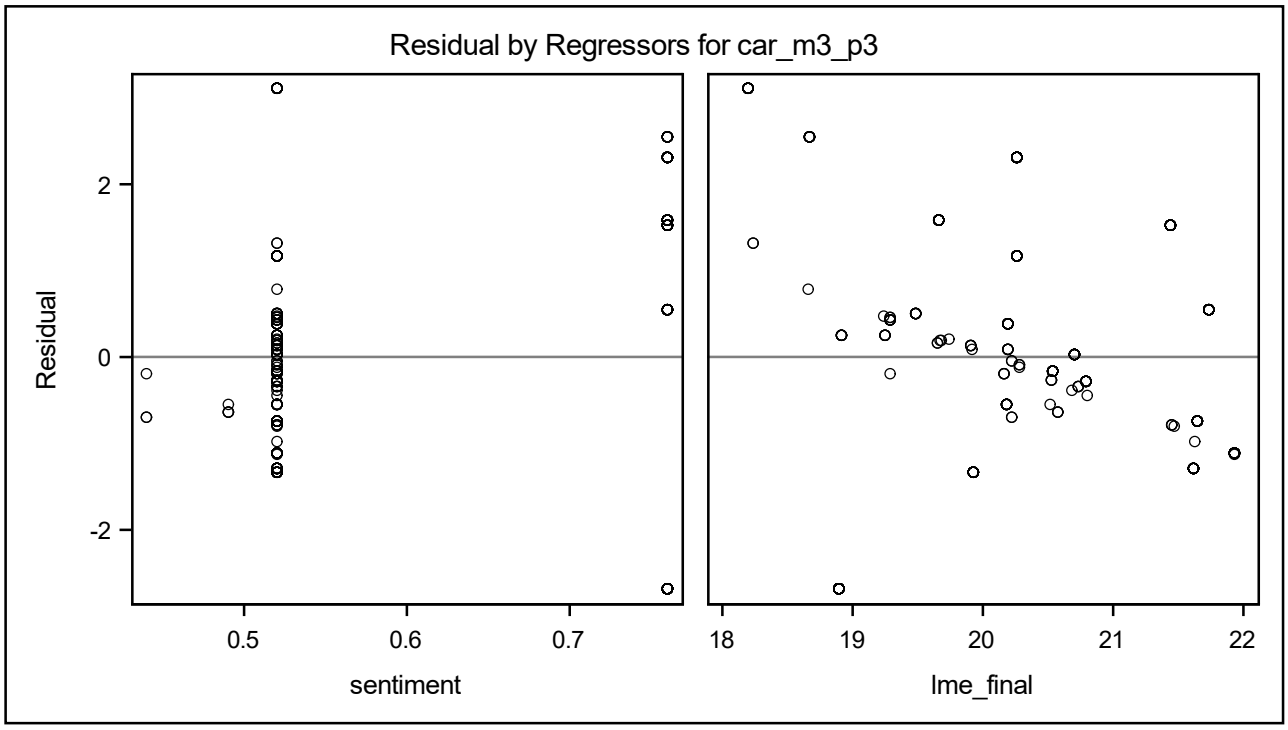
The REG Procedure
Model: MODEL1
Dependent Variable: car_m3_p3



Observations	437
Parameters	3
Error DF	434
MSE	2.561
R-Square	0.3865
Adj R-Square	0.3837

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: car_m3_p3



The SAS System

The REG Procedure
Model: MODEL2
Dependent Variable: car_m5_p5

Number of Observations Read	458
Number of Observations Used	437
Number of Observations with Missing Values	21

Analysis of Variance

Source	*DF*	*Sum of Squares*	*Mean Square*	*F Value*	*Pr > F*
Model	2	472.29202	236.14601	110.46	<.0001
Error	434	927.81460	2.13782		
Corrected Total	436	1400.10662			

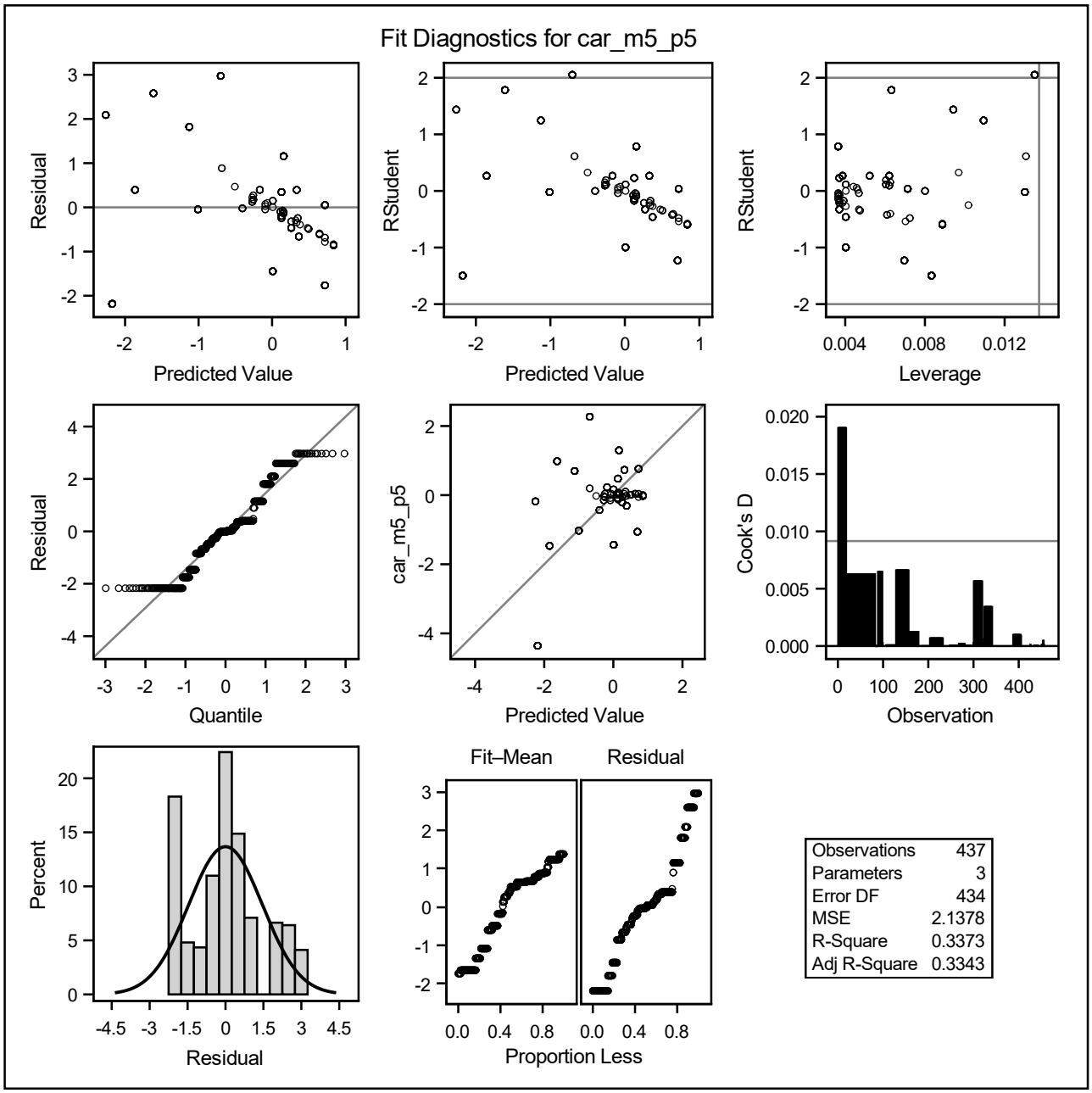
Root MSE	1.46213	*R-Square*	0.3373
Dependent Mean	-0.53060	*Adj R-Sq*	0.3343
Coeff Var	-275.56058		

Parameter Estimates

Variable	*DF*	*Parameter Estimate*	*Standard Error*	*t Value*	*Pr > |t|*
Intercept	1	-4.36933	1.47867	-2.95	0.0033
sentiment	1	-7.35215	0.60954	-12.06	<.0001
lme_final	1	0.41187	0.06724	6.13	<.0001

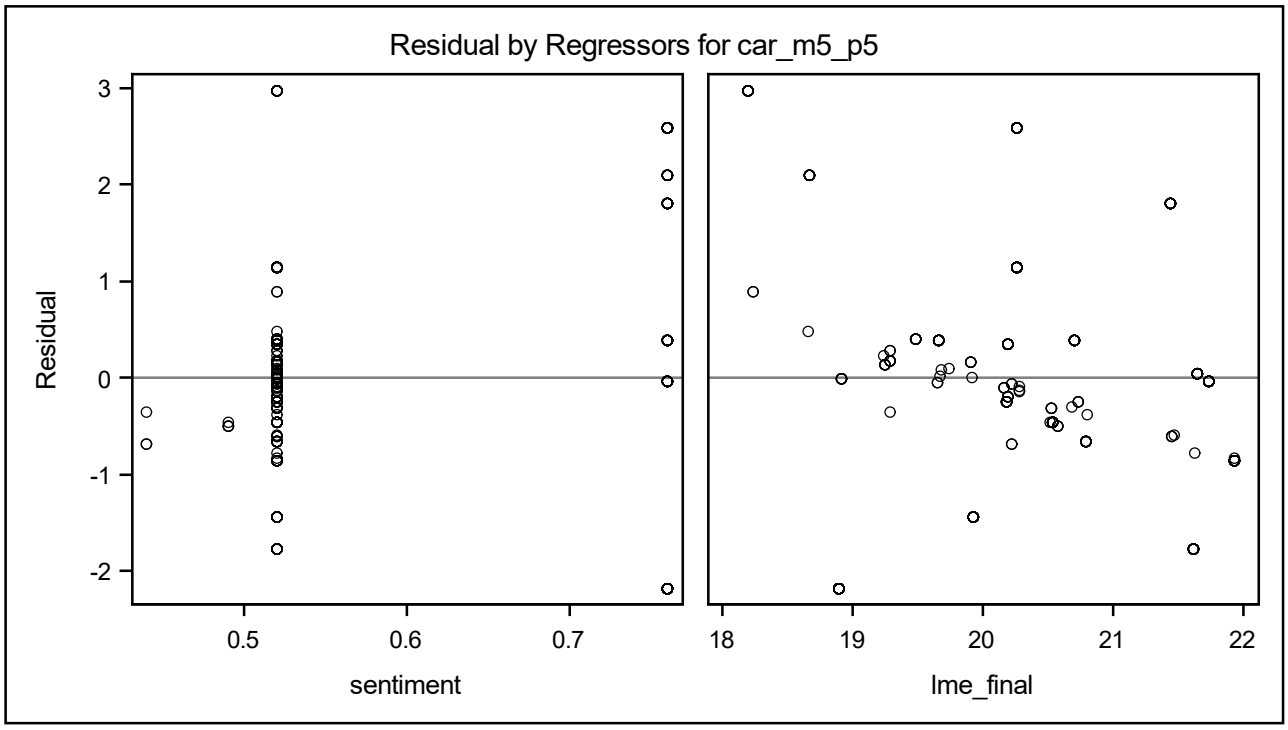
The SAS System

The REG Procedure
Model: MODEL2
Dependent Variable: car_m5_p5



The SAS System

The REG Procedure
Model: MODEL2
Dependent Variable: car_m5_p5



The SAS System

The REG Procedure
Model: MODEL3
Dependent Variable: car_m10_p10

Number of Observations Read	458
Number of Observations Used	437
Number of Observations with Missing Values	21

Analysis of Variance

Source	*DF*	*Sum of Squares*	*Mean Square*	*F Value*	*Pr > F*
Model	2	15.81567	7.90784	7.67	0.0005
Error	434	447.20242	1.03042		
Corrected Total	436	463.01809			

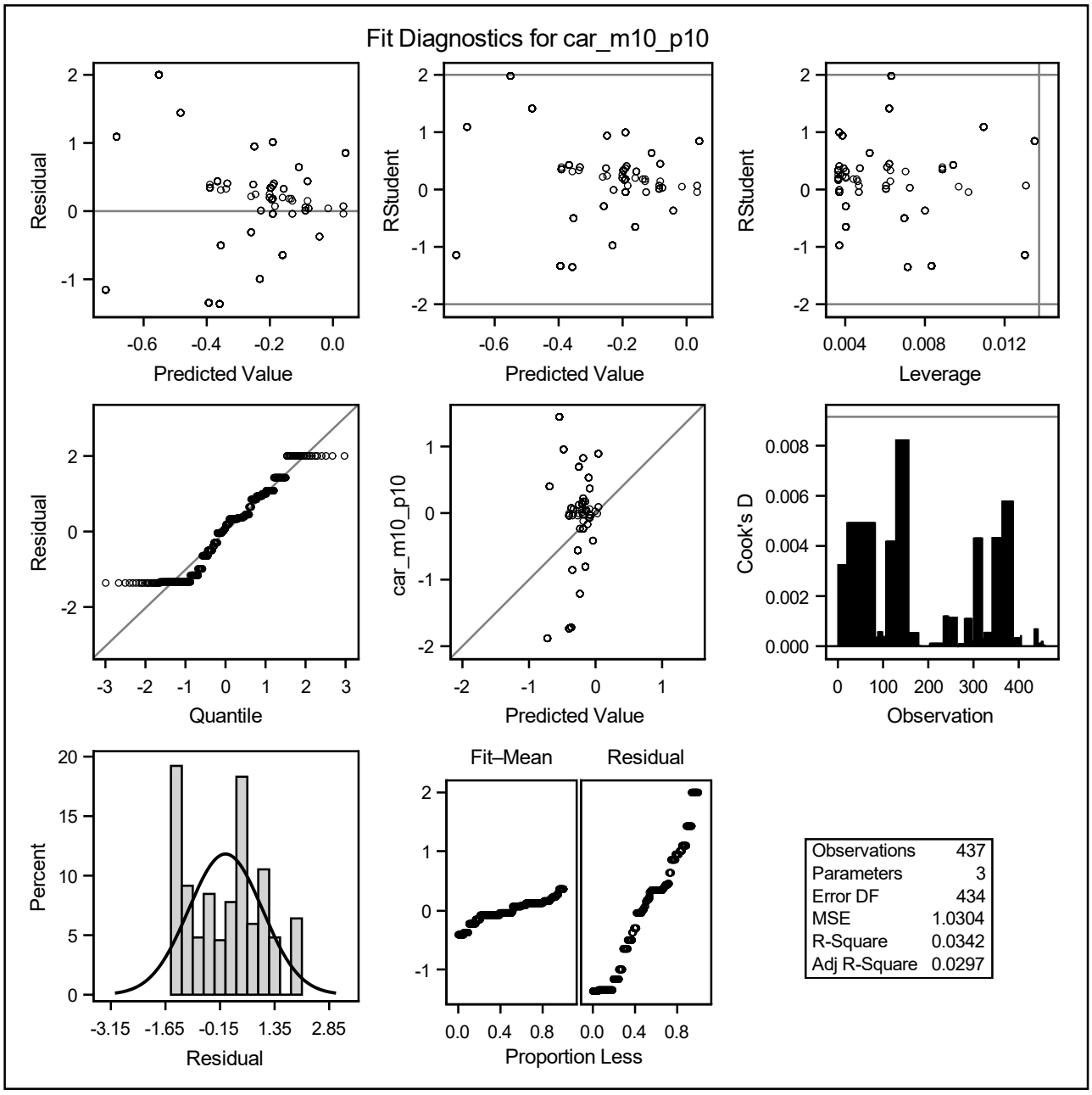
Root MSE	1.01510	*R-Square*	0.0342
Dependent Mean	-0.32199	*Adj R-Sq*	0.0297
Coeff Var	-315.25437		

Parameter Estimates

Variable	*DF*	*Parameter Estimate*	*Standard Error*	*t Value*	*Pr > |t|*
Intercept	1	2.90056	1.02658	2.83	0.0049
sentiment	1	-1.46859	0.42318	-3.47	0.0006
lme_final	1	-0.11526	0.04668	-2.47	0.0139

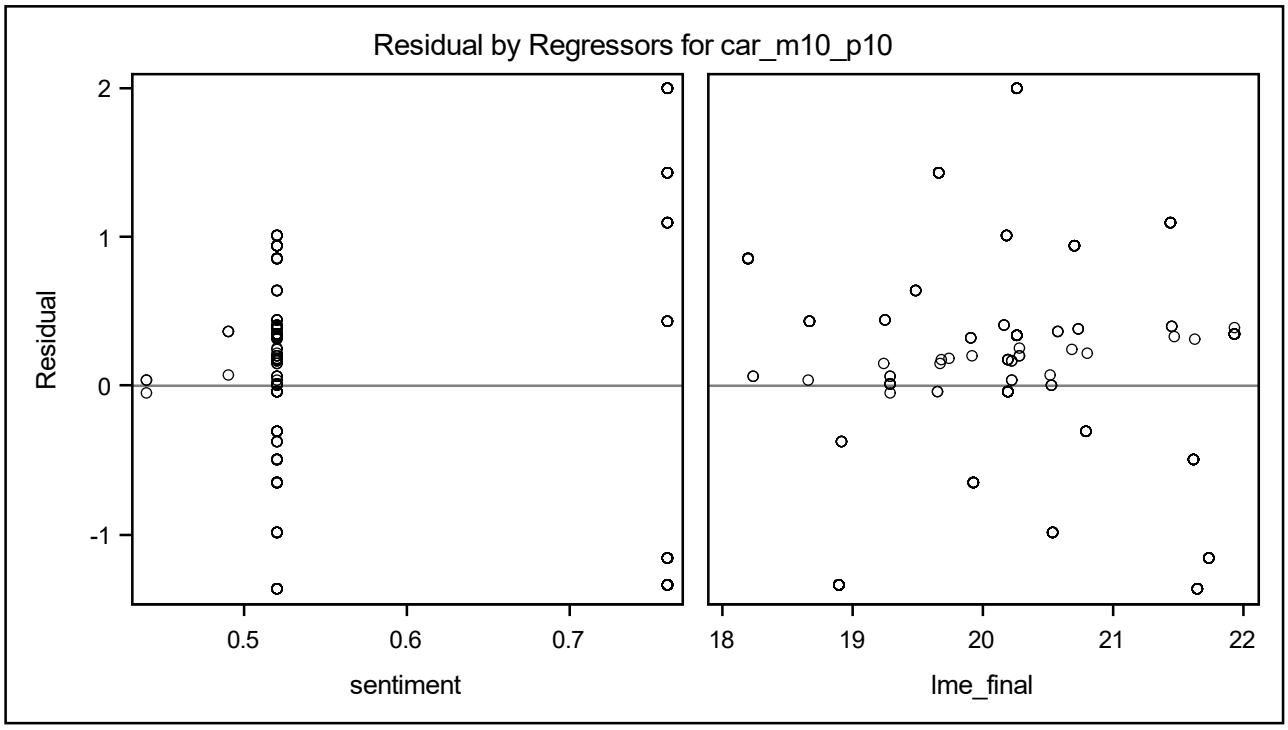
The SAS System

The REG Procedure
Model: MODEL3
Dependent Variable: car_m10_p10



The SAS System

The REG Procedure
Model: MODEL3
Dependent Variable: car_m10_p10



The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: ar0_m3p3

Number of Observations Read	458
Number of Observations Used	458

Analysis of Variance

Source	*DF*	*Sum of Squares*	*Mean Square*	*F Value*	*Pr > F*
Model	2	31.77548	15.88774	54.85	<.0001
Error	455	131.79263	0.28965		
Corrected Total	457	163.56811			

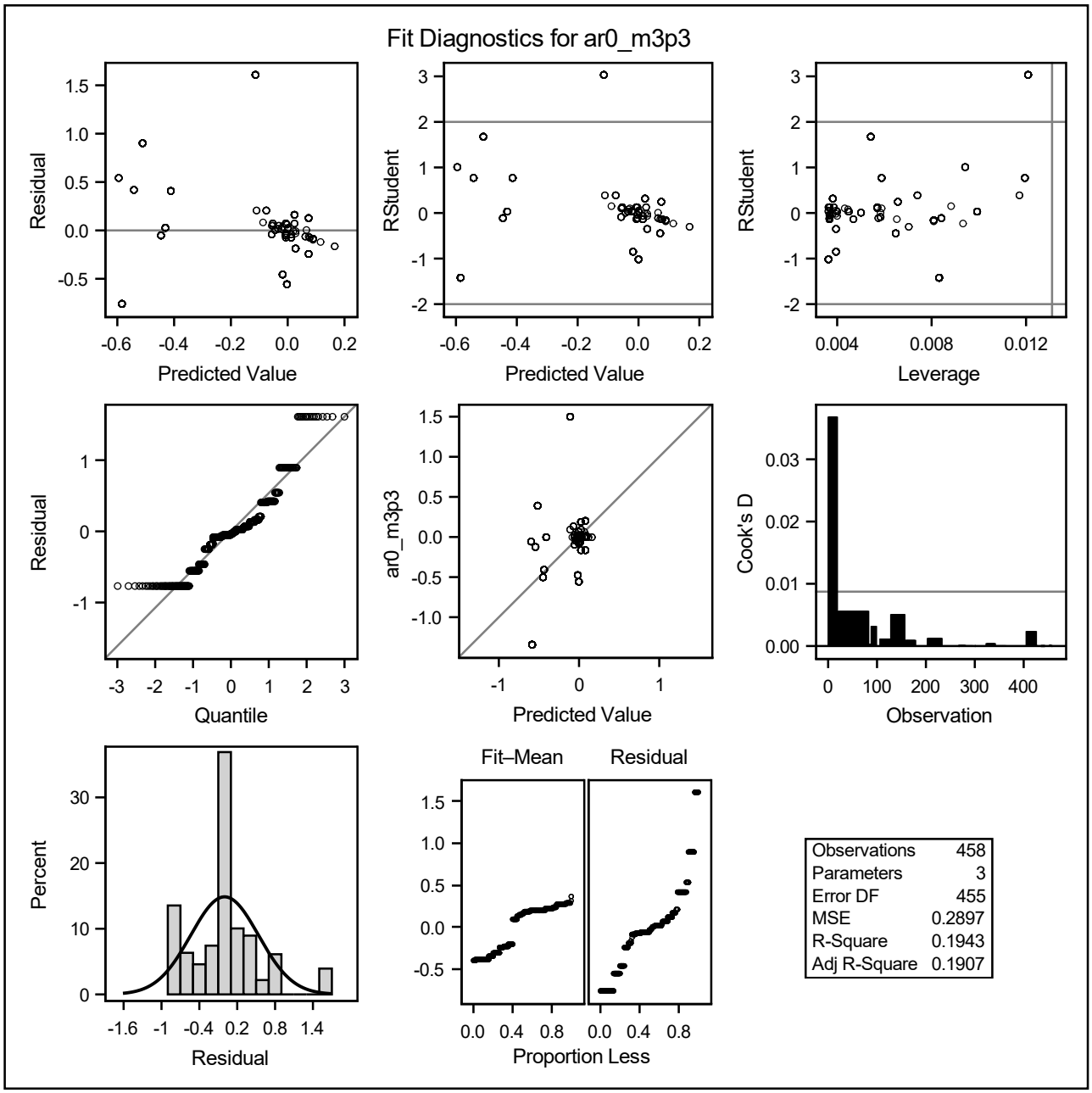
Root MSE	0.53820	*R-Square*	0.1943
Dependent Mean	-0.20292	*Adj R-Sq*	0.1907
Coeff Var	-265.22680		

Parameter Estimates

Variable	*DF*	*Parameter Estimate*	*Standard Error*	*t Value*	*Pr > |t|*
Intercept	1	0.00245	0.49388	0.00	0.9960
sentiment	1	-2.11905	0.21308	-9.94	<.0001
lme_final	1	0.05421	0.02287	2.37	0.0182

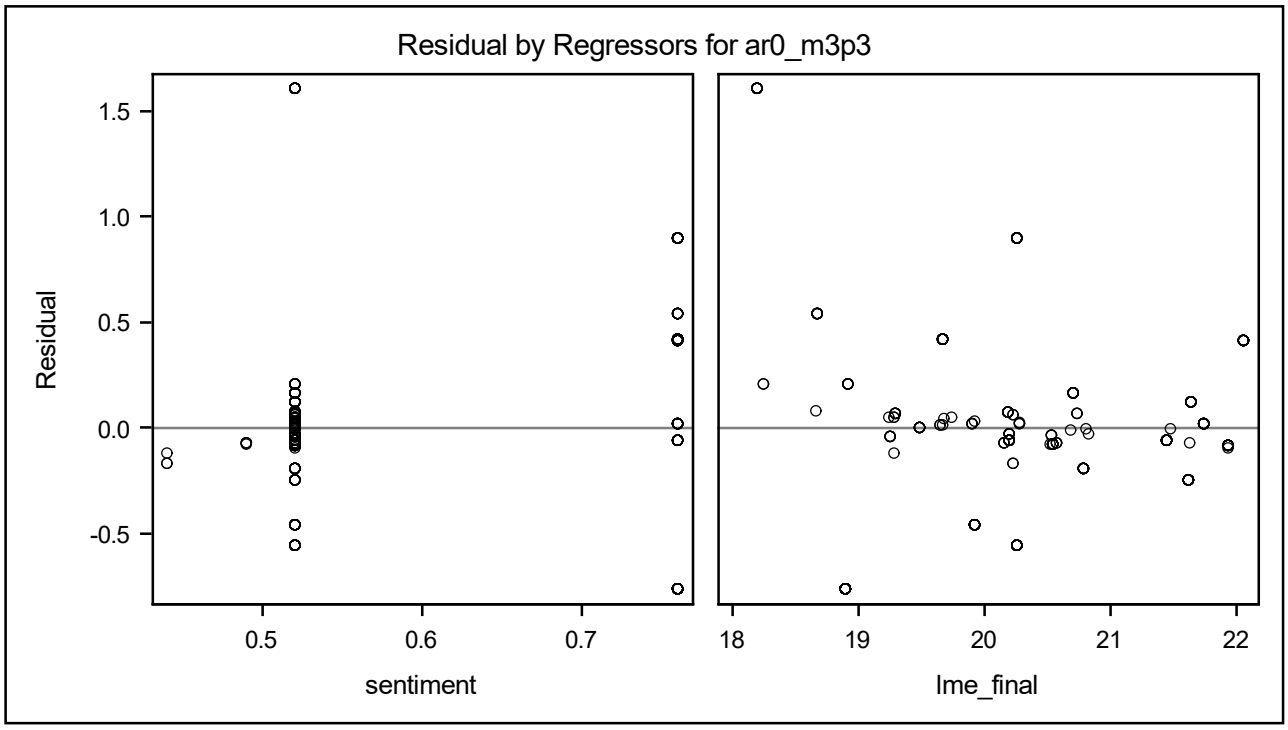
The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: ar0_m3p3



The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: ar0_m3p3



The SAS System

The REG Procedure
Model: MODEL2
Dependent Variable: ar0_m5p5

Number of Observations Read	458
Number of Observations Used	458

Analysis of Variance

Source	*DF*	*Sum of Squares*	*Mean Square*	*F Value*	*Pr > F*
Model	2	31.77548	15.88774	54.85	<.0001
Error	455	131.79263	0.28965		
Corrected Total	457	163.56811			

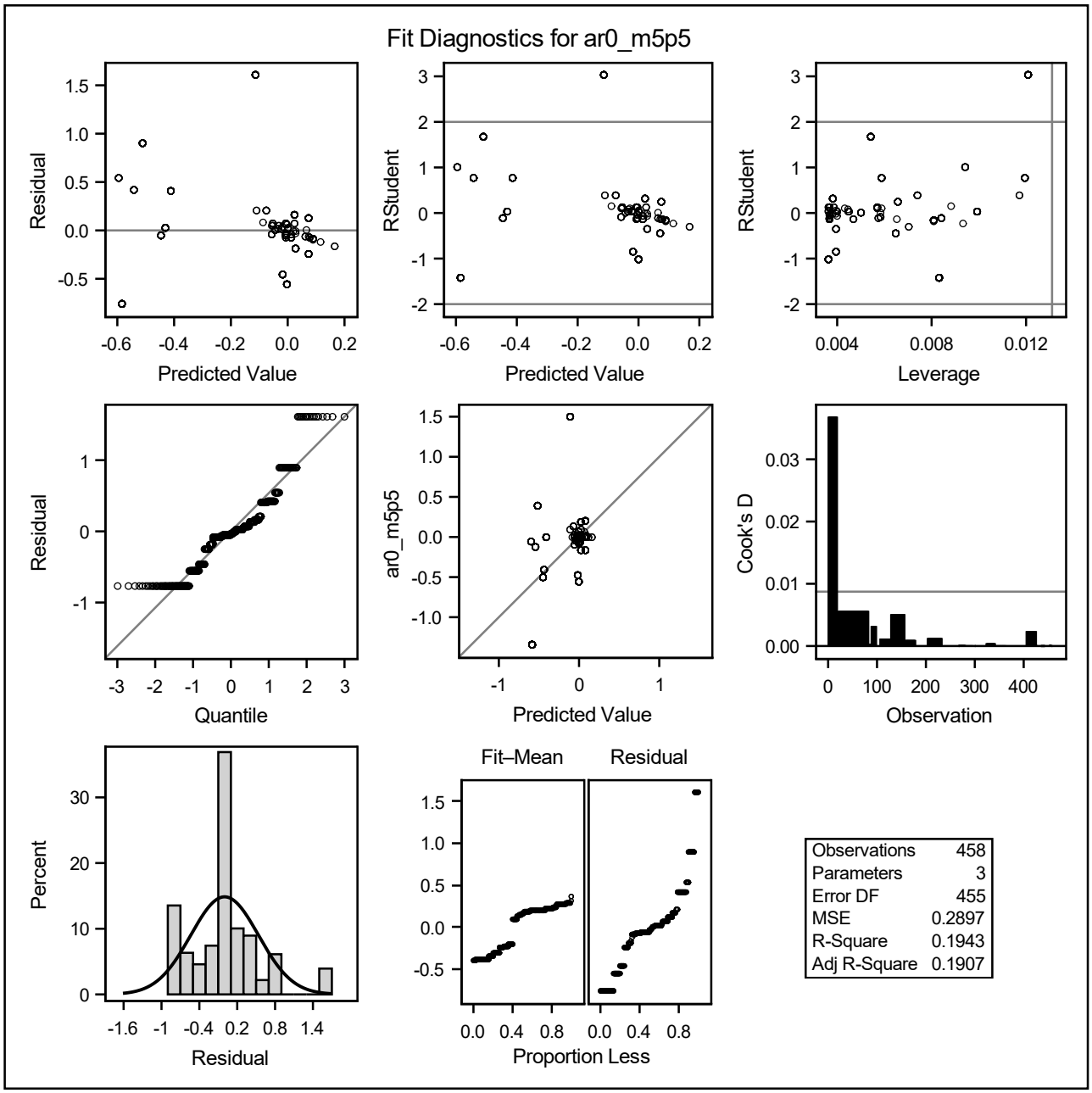
Root MSE	0.53820	*R-Square*	0.1943
Dependent Mean	-0.20292	*Adj R-Sq*	0.1907
Coeff Var	-265.22680		

Parameter Estimates

Variable	*DF*	*Parameter Estimate*	*Standard Error*	*t Value*	*Pr > |t|*
Intercept	1	0.00245	0.49388	0.00	0.9960
sentiment	1	-2.11905	0.21308	-9.94	<.0001
lme_final	1	0.05421	0.02287	2.37	0.0182

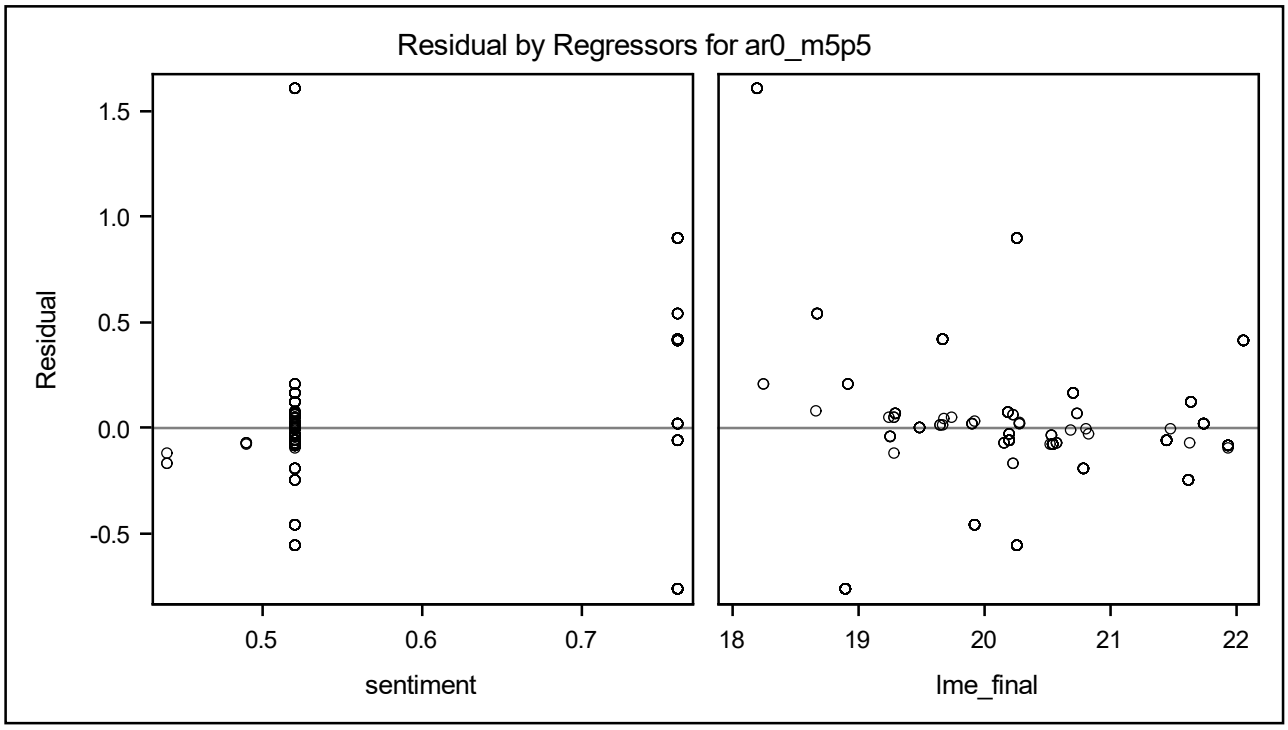
The SAS System

The REG Procedure
Model: MODEL2
Dependent Variable: ar0_m5p5



The SAS System

The REG Procedure
Model: MODEL2
Dependent Variable: ar0_m5p5



The SAS System

The REG Procedure
Model: MODEL3
Dependent Variable: ar0_m10p10

Number of Observations Read	458
Number of Observations Used	458

Analysis of Variance

Source	*DF*	*Sum of Squares*	*Mean Square*	*F Value*	*Pr > F*
Model	2	31.77548	15.88774	54.85	<.0001
Error	455	131.79263	0.28965		
Corrected Total	457	163.56811			

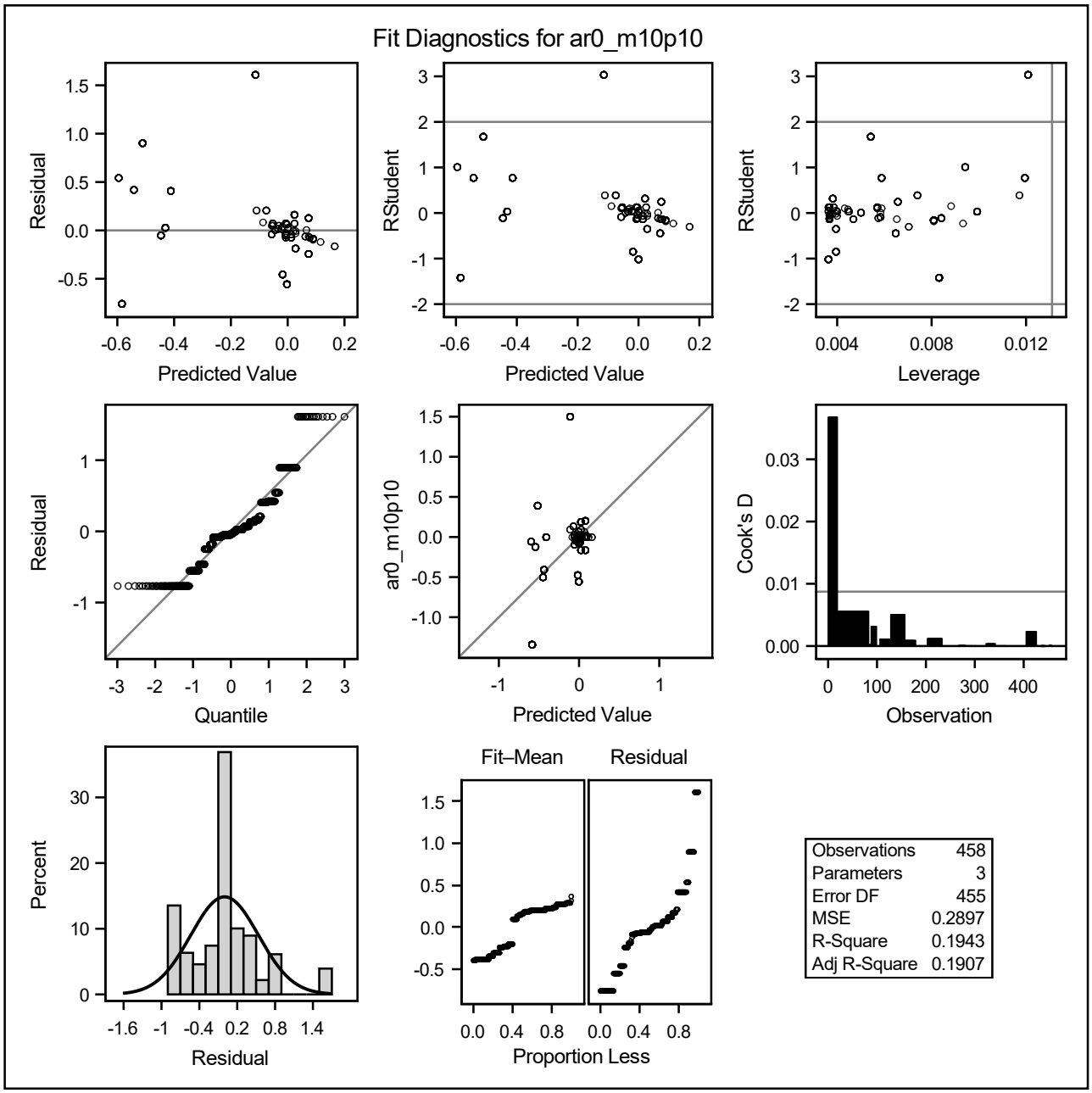
Root MSE	0.53820	*R-Square*	0.1943
Dependent Mean	-0.20292	*Adj R-Sq*	0.1907
Coeff Var	-265.22680		

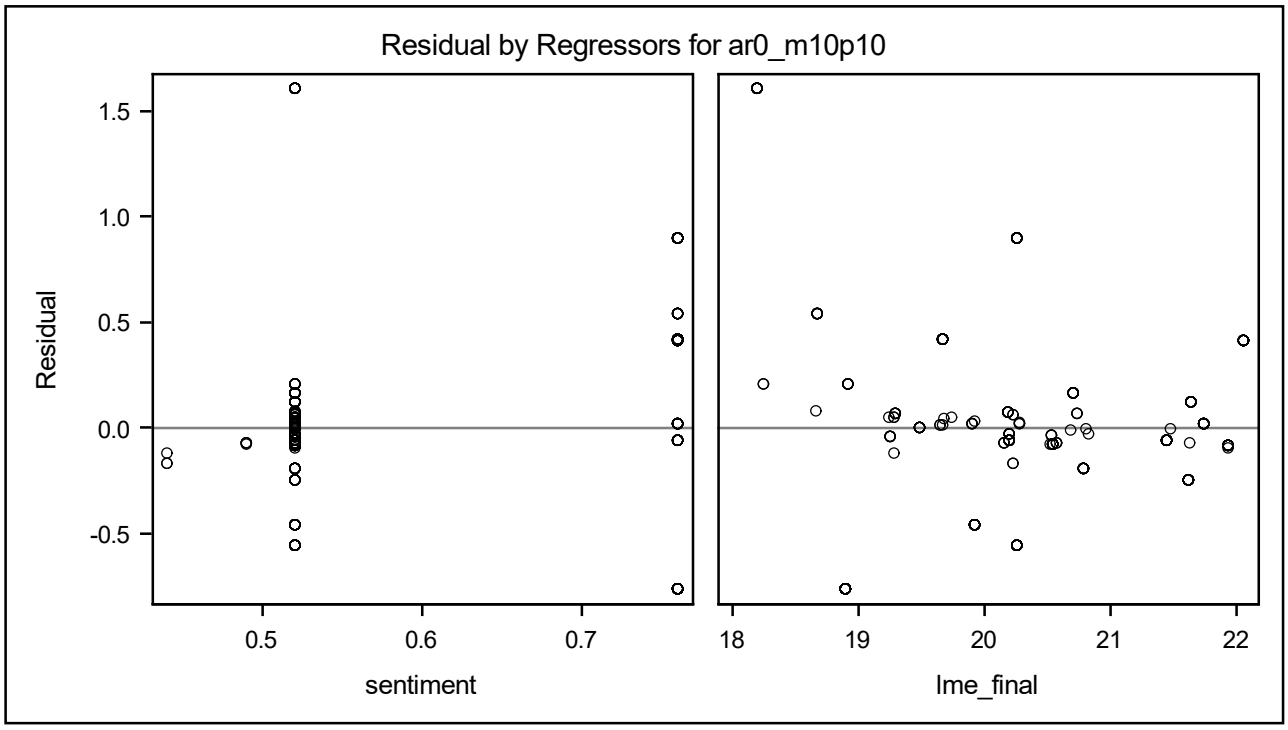
Parameter Estimates

Variable	*DF*	*Parameter Estimate*	*Standard Error*	*t Value*	*Pr > |t|*
Intercept	1	0.00245	0.49388	0.00	0.9960
sentiment	1	-2.11905	0.21308	-9.94	<.0001
lme_final	1	0.05421	0.02287	2.37	0.0182

The SAS System

The REG Procedure
Model: MODEL3
Dependent Variable: ar0_m10p10



The SAS System

The REG Procedure
Model: MODEL3
Dependent Variable: ar0_m10p10