

The GLM Procedure

Number of Observations Read	926
Number of Observations Used	926

The GLM Procedure

Dependent Variable: NMHC_B1 NMHC (Bag 1)

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	35.23941296	5.03420185	148754	<.0001
Error	918	0.03106740	0.00003384		
Corrected Total	925	35.27048037			

R-Square	Coeff Var	Root MSE	NMHC_B1 Mean
0.999119	1.464985	0.005817	0.397098

Source	DF	Type I SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1	1	35.17318414	35.17318414	1039320	<.0001
e10	1	0.00011089	0.00011089	3.28	0.0706
e15	1	0.00597211	0.00597211	176.47	<.0001
e20	1	0.05202717	0.05202717	1537.33	<.0001
NM_FIDHC_B1*e10	1	0.00006926	0.00006926	2.05	0.1529
NM_FIDHC_B1*e15	1	0.00188104	0.00188104	55.58	<.0001
NM_FIDHC_B1*e20	1	0.00616835	0.00616835	182.27	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1	1	12.05021371	12.05021371	356068	<.0001
e10	1	0.00047101	0.00047101	13.92	0.0002
e15	1	0.00000567	0.00000567	0.17	0.6824
e20	1	0.00065285	0.00065285	19.29	<.0001

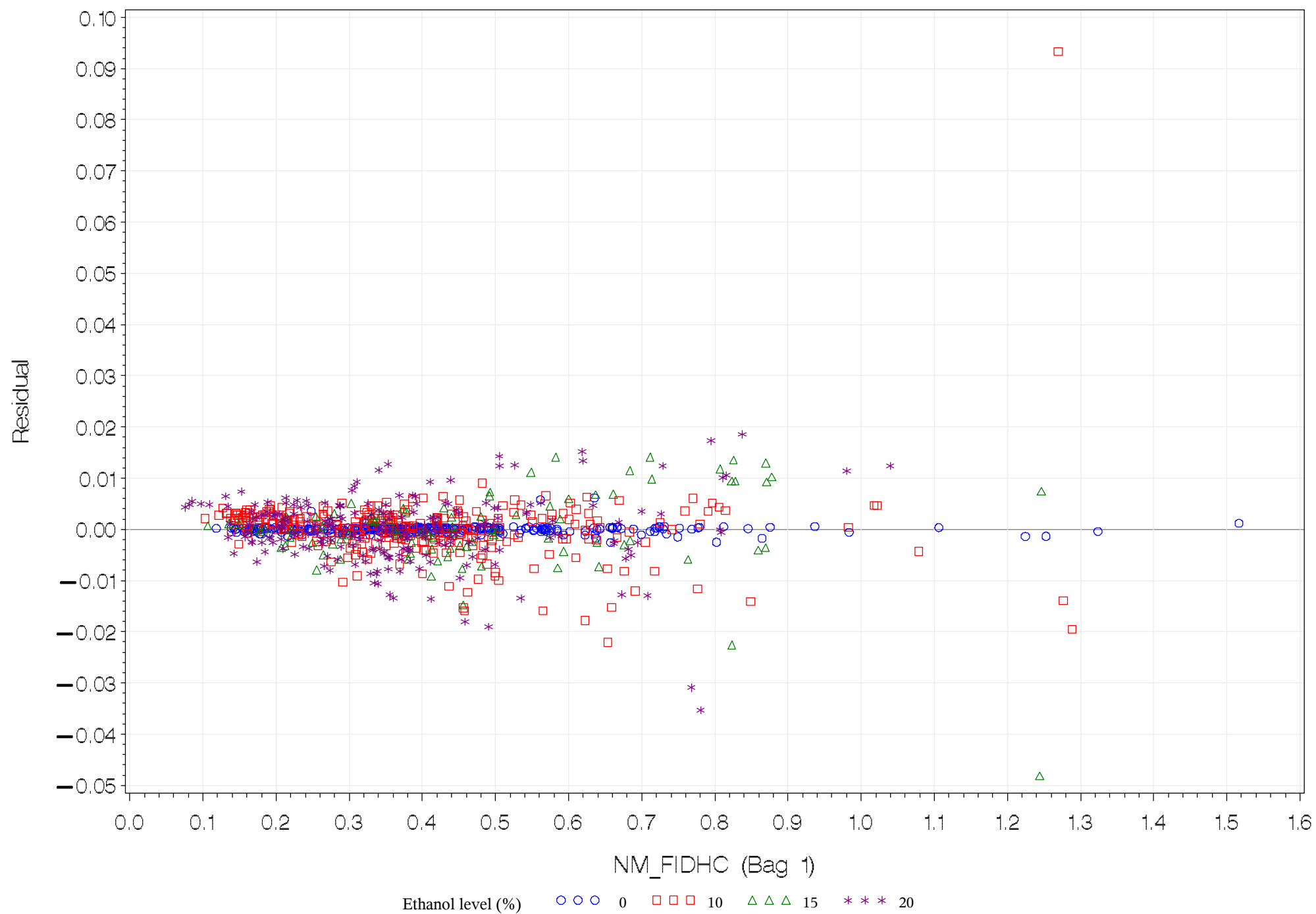
The GLM Procedure

Dependent Variable: NMHC_B1 NMHC (Bag 1)

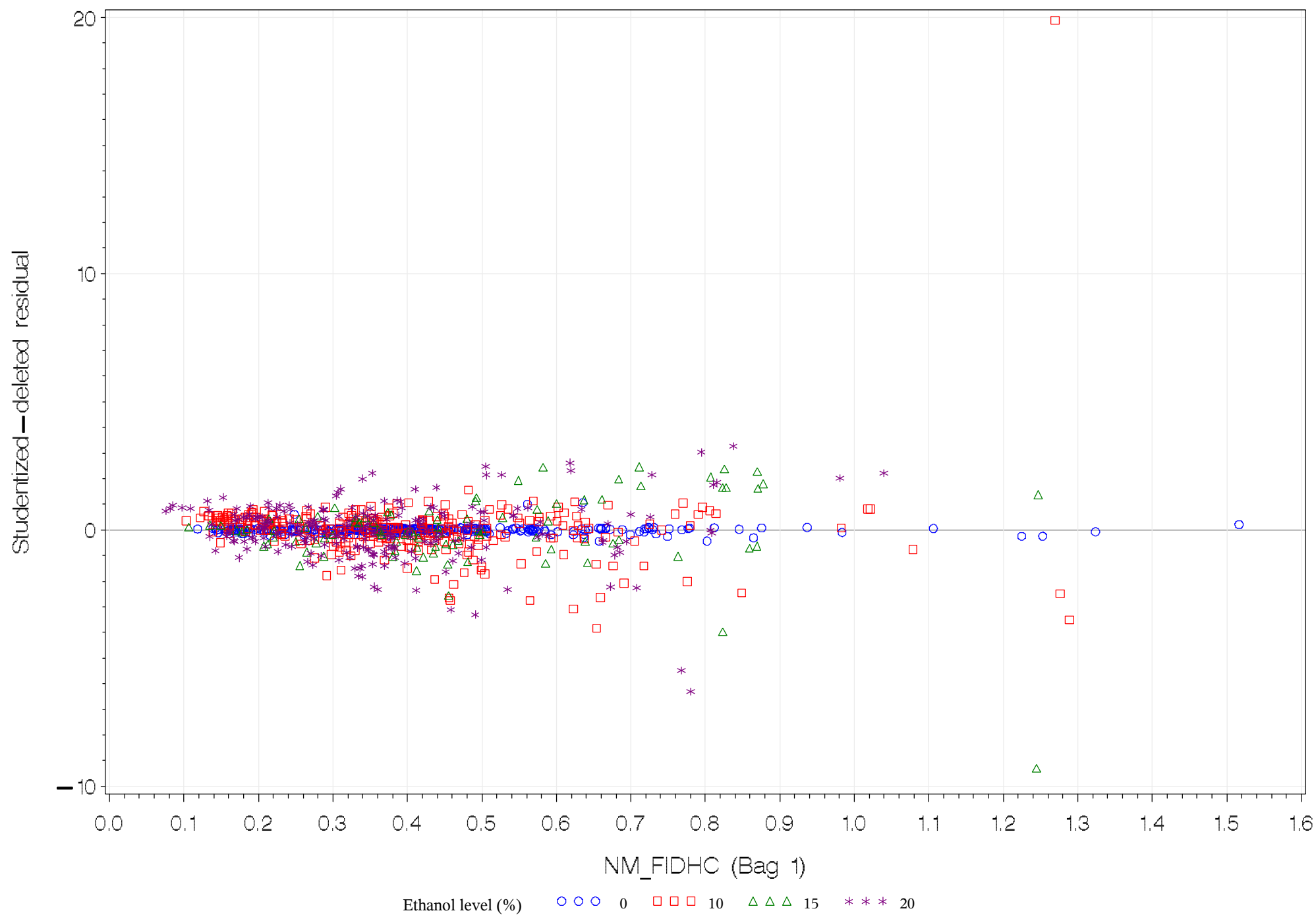
Source	DF	Type III SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1*e10	1	0.00135338	0.00135338	39.99	<.0001
NM_FIDHC_B1*e15	1	0.00438559	0.00438559	129.59	<.0001
NM_FIDHC_B1*e20	1	0.00616835	0.00616835	182.27	<.0001

Parameter	Estimate	Standard Error	t Value	Pr > t
Intercept	-.0002943088	0.00078129	-0.38	0.7065
NM_FIDHC_B1	0.9987517260	0.00167375	596.71	<.0001
e10	-.0040618099	0.00108877	-3.73	0.0002
e15	-.0006618347	0.00161713	-0.41	0.6824
e20	-.0052481915	0.00119491	-4.39	<.0001
NM_FIDHC_B1*e10	-.0150963188	0.00238722	-6.32	<.0001
NM_FIDHC_B1*e15	-.0358780152	0.00315170	-11.38	<.0001
NM_FIDHC_B1*e20	-.0374990824	0.00277759	-13.50	<.0001

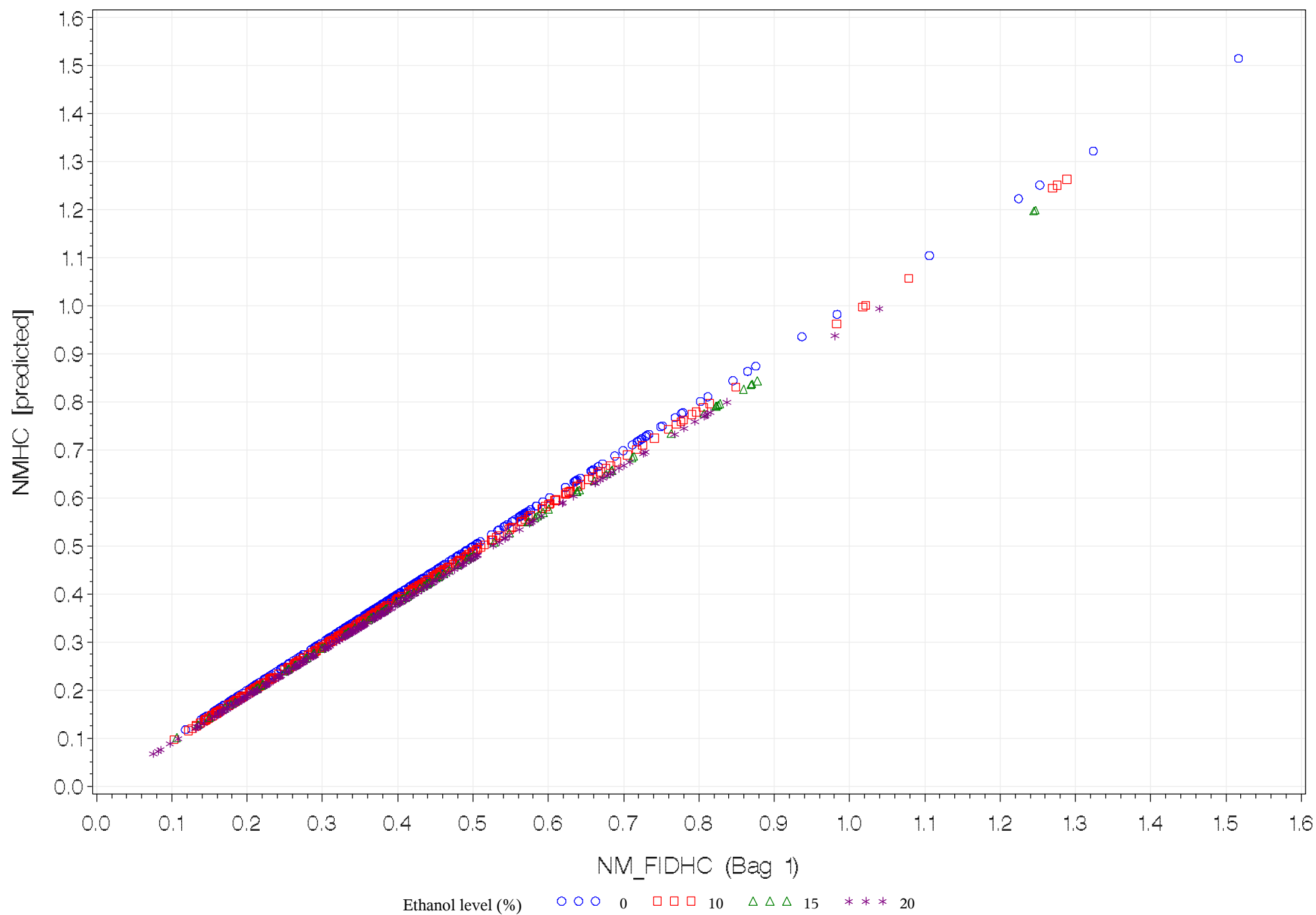
Imputing Bag 1 NMHC from FID NMHC
Model 2: Intercepts and Slopes by Ethanol Level



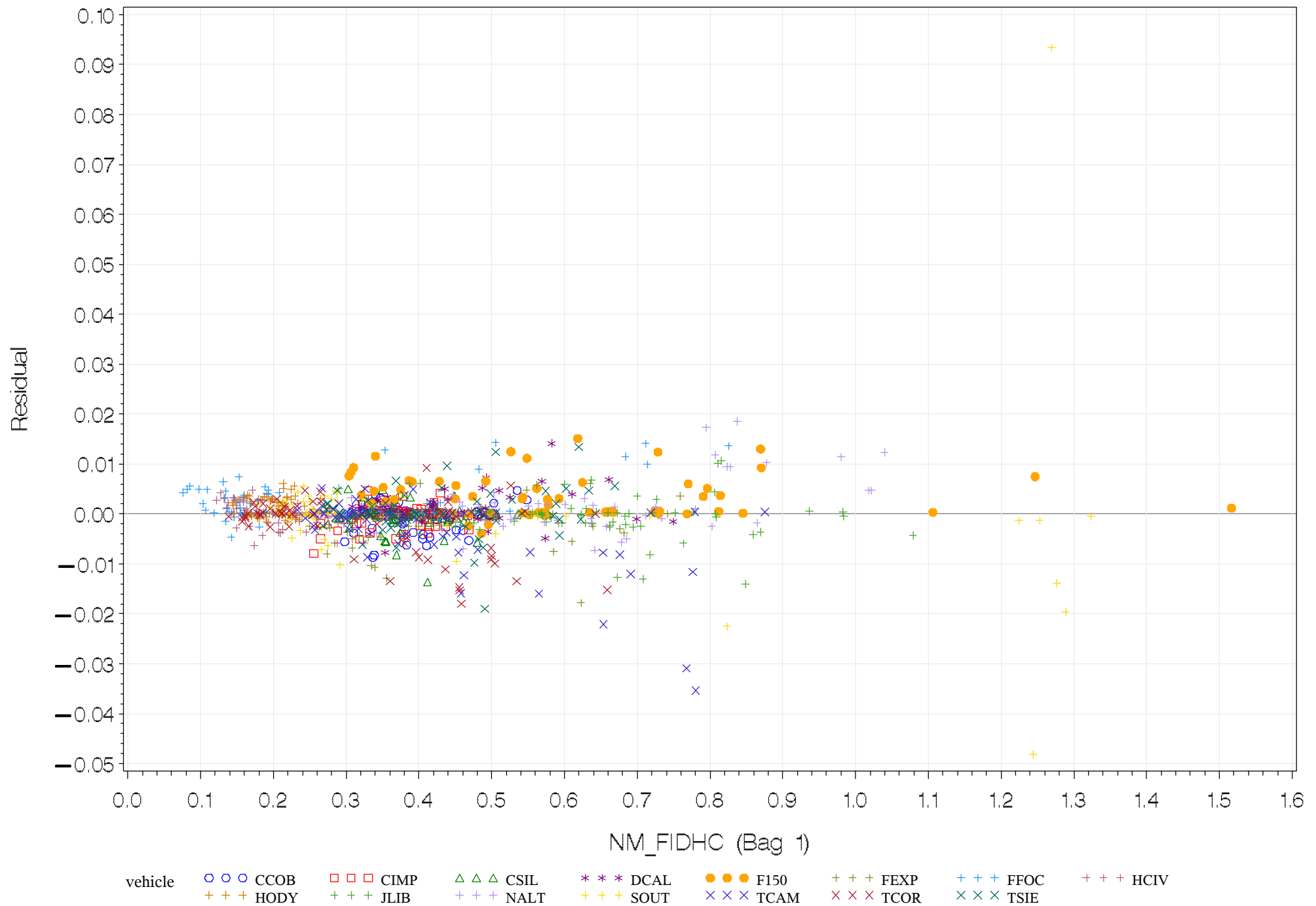
Imputing Bag 1 NMHC from FID NMHC
Model 2: Intercepts and Slopes by Ethanol Level



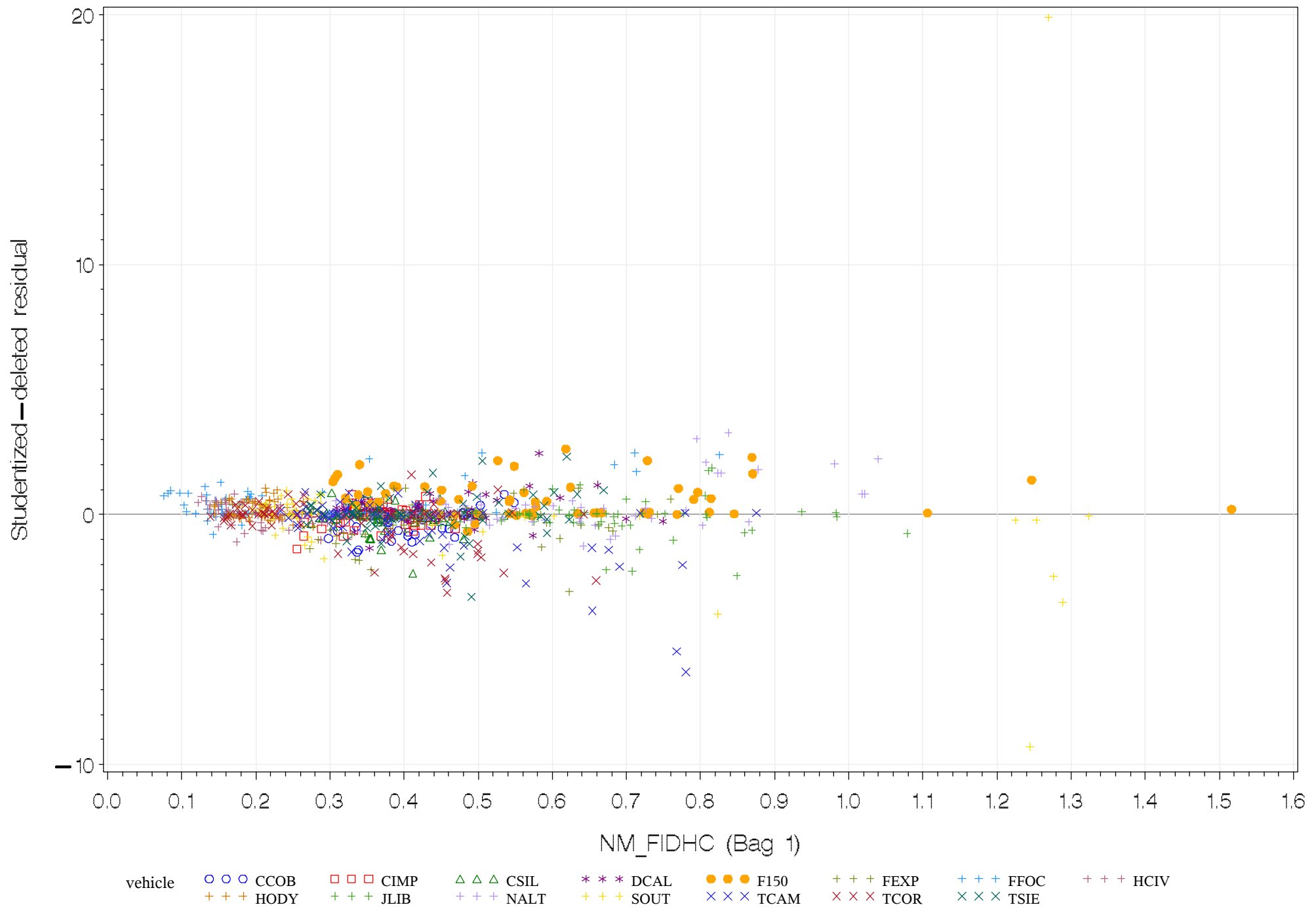
Imputing Bag 1 NMHC from FID NMHC
Model 2: Intercepts and Slopes by Ethanol Level



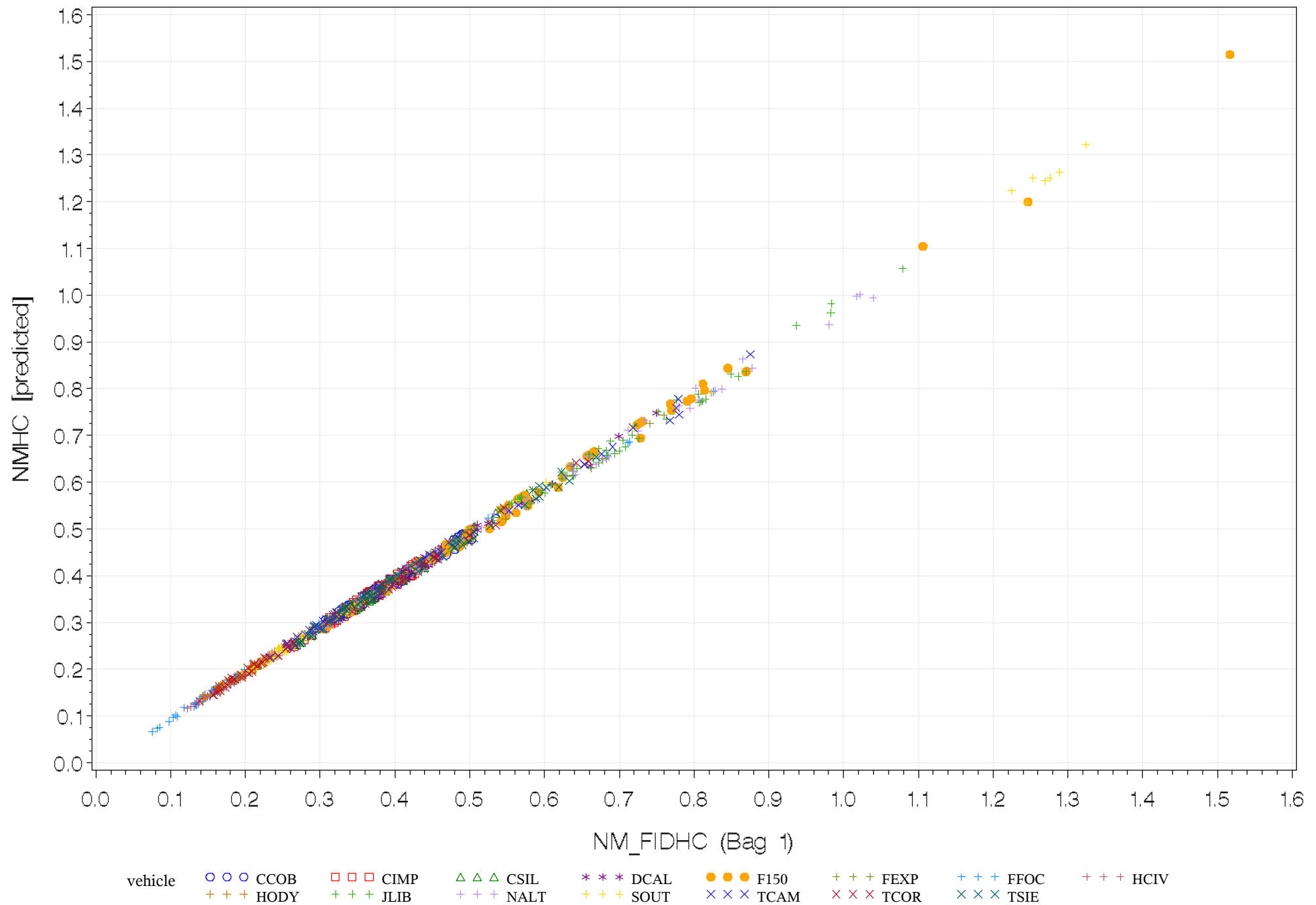
Imputing Bag 1 NMHC from FID NMHC
 Model 2: Intercepts and Slopes by Ethanol Level



Imputing Bag 1 NMHC from FID NMHC
 Model 2: Intercepts and Slopes by Ethanol Level



Imputing Bag 1 NMHC from FID NMHC
Model 2: Intercepts and Slopes by Ethanol Level



The GLM Procedure

Number of Observations Read	919
Number of Observations Used	919

The GLM Procedure

Dependent Variable: NMHC_B1 NMHC (Bag 1)

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	32.69401355	4.67057336	276173	<.0001
Error	911	0.01540663	0.00001691		
Corrected Total	918	32.70942018			

R-Square	Coeff Var	Root MSE	NMHC_B1 Mean
0.999529	1.046360	0.004112	0.393019

Source	DF	Type I SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1	1	32.63370068	32.63370068	1929643	<.0001
e10	1	0.00030099	0.00030099	17.80	<.0001
e15	1	0.00490767	0.00490767	290.19	<.0001
e20	1	0.04949159	0.04949159	2926.46	<.0001
NM_FIDHC_B1*e10	1	0.00033270	0.00033270	19.67	<.0001
NM_FIDHC_B1*e15	1	0.00054896	0.00054896	32.46	<.0001
NM_FIDHC_B1*e20	1	0.00473095	0.00473095	279.74	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1	1	12.05021371	12.05021371	712534	<.0001
e10	1	0.00010364	0.00010364	6.13	0.0135
e15	1	0.00031886	0.00031886	18.85	<.0001
e20	1	0.00097618	0.00097618	57.72	<.0001

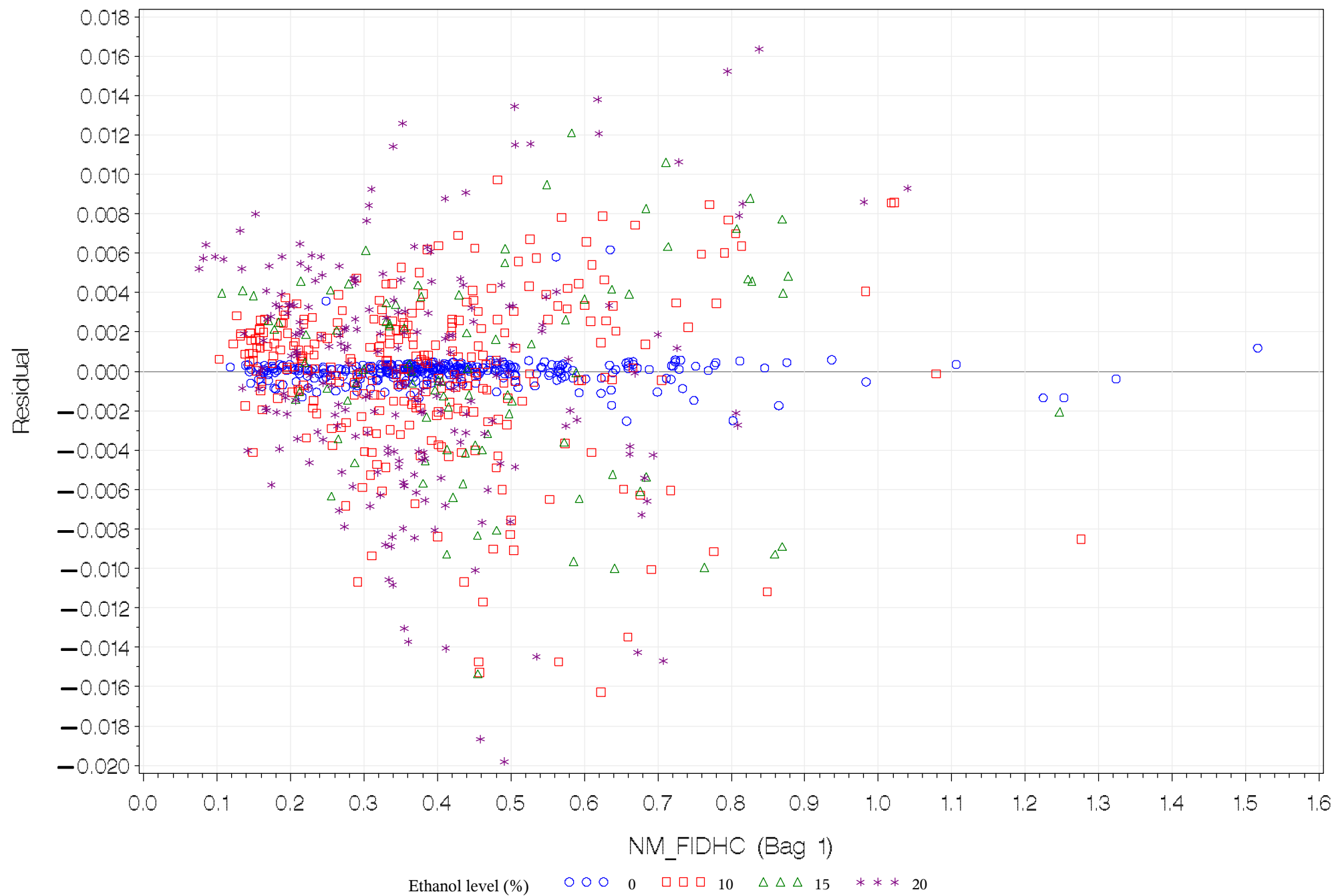
The GLM Procedure

Dependent Variable: NMHC_B1 NMHC (Bag 1)

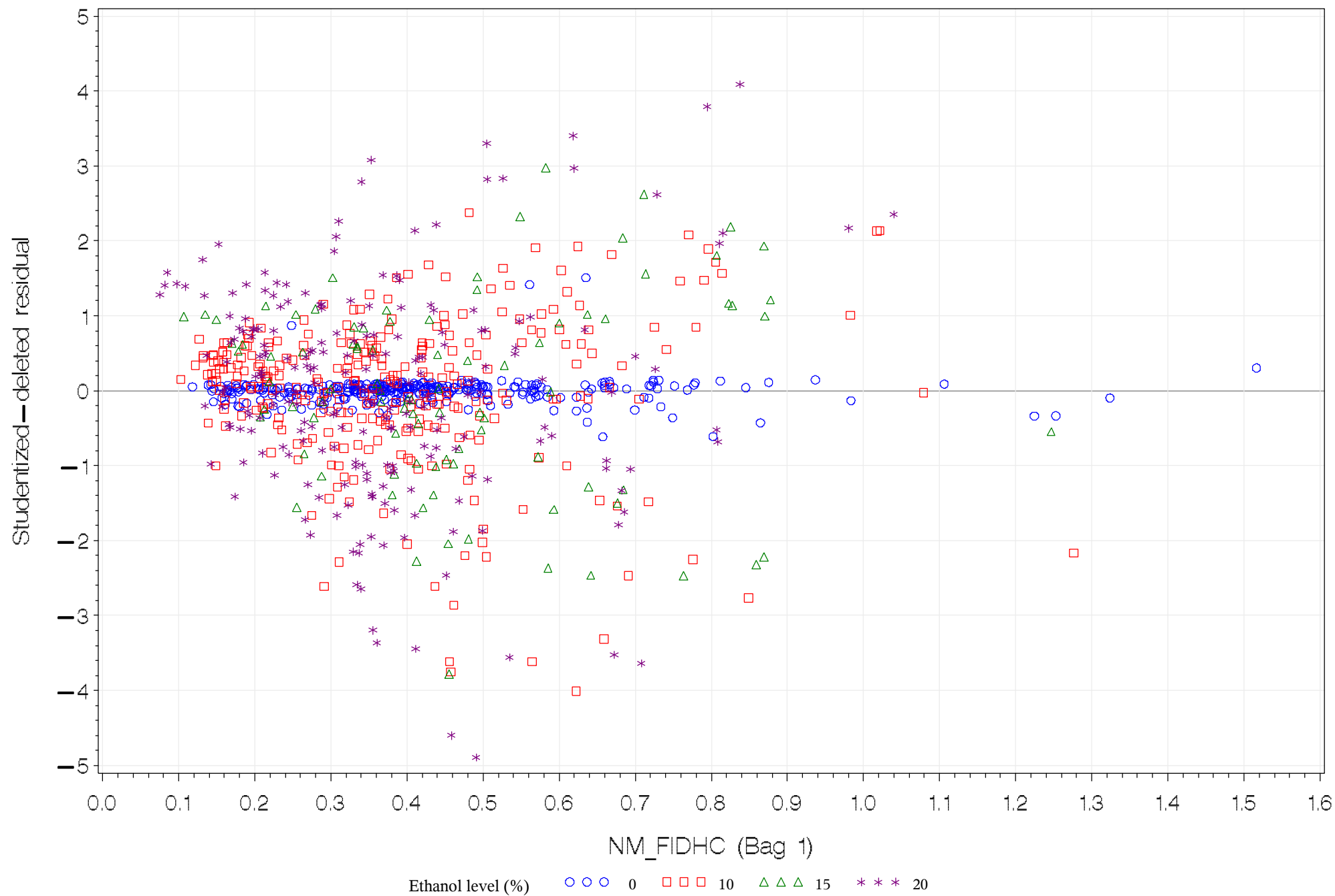
Source	DF	Type III SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1*e10	1	0.00240509	0.00240509	142.21	<.0001
NM_FIDHC_B1*e15	1	0.00182989	0.00182989	108.20	<.0001
NM_FIDHC_B1*e20	1	0.00473095	0.00473095	279.74	<.0001

Parameter	Estimate	Standard Error	t Value	Pr > t
Intercept	-.0002943088	0.00055230	-0.53	0.5942
NM_FIDHC_B1	0.9987517260	0.00118319	844.12	<.0001
e10	-.0019509760	0.00078811	-2.48	0.0135
e15	-.0051528497	0.00118670	-4.34	<.0001
e20	-.0064657095	0.00085103	-7.60	<.0001
NM_FIDHC_B1*e10	-.0209384772	0.00175580	-11.93	<.0001
NM_FIDHC_B1*e15	-.0246110233	0.00236599	-10.40	<.0001
NM_FIDHC_B1*e20	-.0333647556	0.00199484	-16.73	<.0001

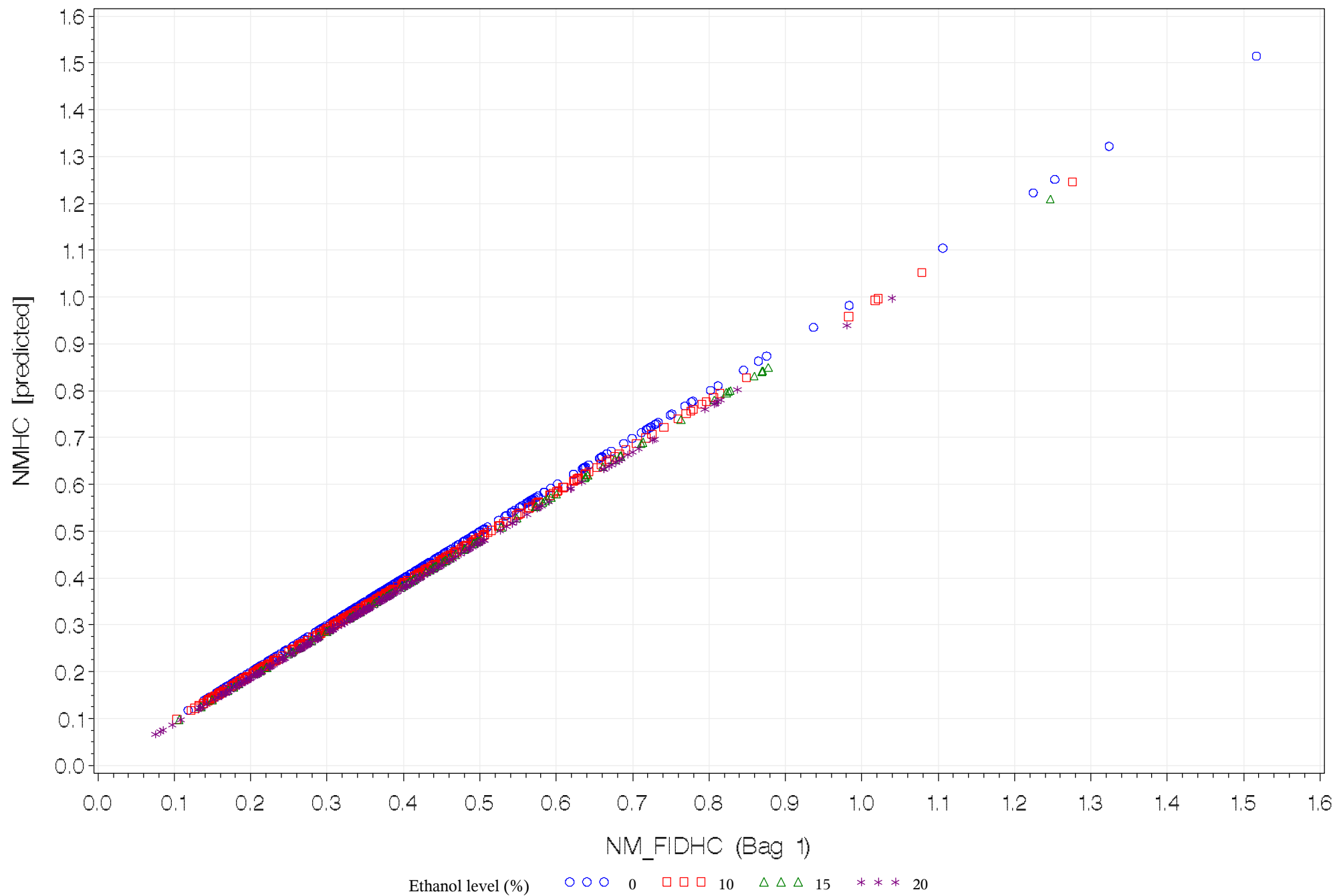
Imputing Bag 1 NMHC from FID NMHC
Model 2.a: Intercepts and Slopes by Ethanol Level
OUTLIER REMOVED(S) (1st round)



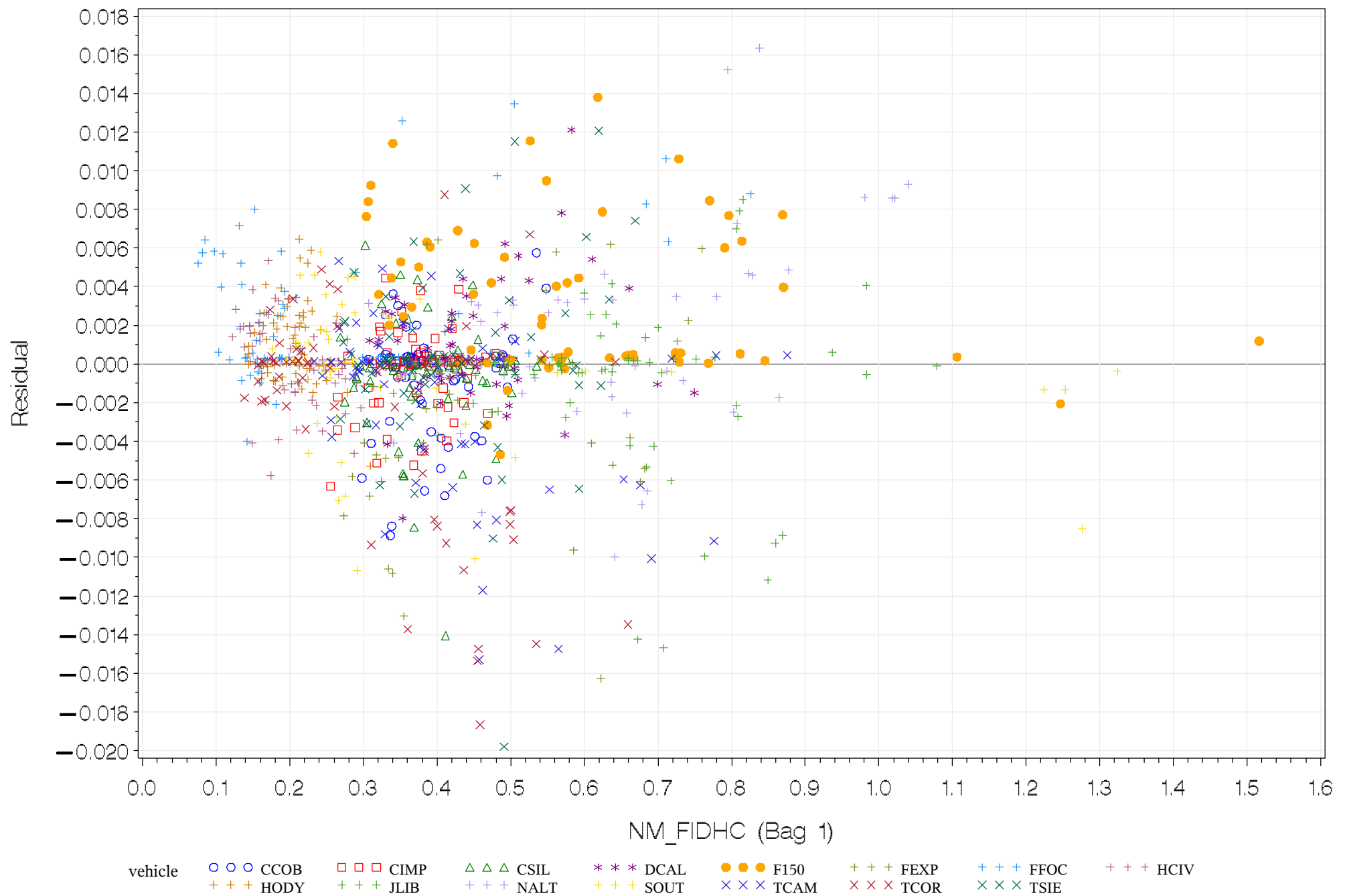
Imputing Bag 1 NMHC from FID NMHC
Model 2.a: Intercepts and Slopes by Ethanol Level
OUTLIER REMOVED(S) (1st round)



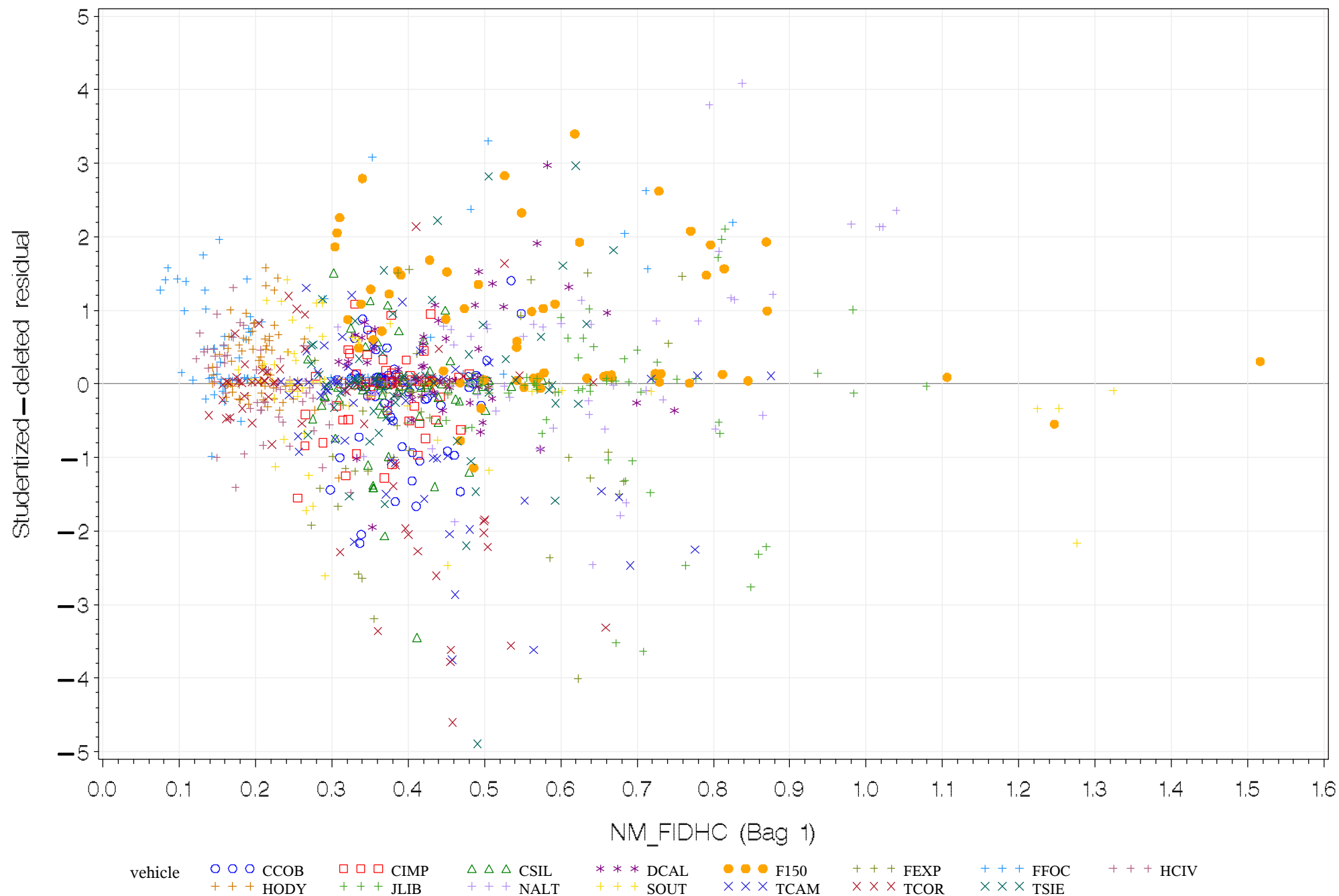
Imputing Bag 1 NMHC from FID NMHC
Model 2.a: Intercepts and Slopes by Ethanol Level
OUTLIER REMOVED(S) (1st round)



Imputing Bag 1 NMHC from FID NMHC
 Model 2.a: Intercepts and Slopes by Ethanol Level
 OUTLIER REMOVED(S) (1st round)



Imputing Bag 1 NMHC from FID NMHC
 Model 2.a: Intercepts and Slopes by Ethanol Level
 OUTLIER REMOVED(S) (1st round)



Imputing Bag 1 NMHC from FID NMHC
 Model 2.a: Intercepts and Slopes by Ethanol Level
 OUTLIER REMOVED(S) (1st round)

