

vehicle	○ ○ ○ CCOB	□ □ □ CIMP	△ △ △ CSIL	* * * DCAL	● ● ● F150	+ + + FEXP	+ + + FFOC	+ + + HCIV
	+ + + HODY	+ + + JLIB	+ + + NALT	+ + + SOUT	× × × TCAM	× × × TCOR	× × × TSIE	

***The GLM Procedure***

Number of Observations Read	926
Number of Observations Used	926

***The GLM Procedure***

***Dependent Variable: NMOG\_B1 NMOG (Bag 1)***

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	38.78024798	5.54003543	114402	<.0001
Error	918	0.04445495	0.00004843		
Corrected Total	925	38.82470293			

R-Square	Coeff Var	Root MSE	NMOG_B1 Mean
0.998855	1.632918	0.006959	0.426162

Source	DF	Type I SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1	1	38.63991285	38.63991285	797919	<.0001
e10	1	0.00040951	0.00040951	8.46	0.0037
e15	1	0.01192423	0.01192423	246.24	<.0001
e20	1	0.11362113	0.11362113	2346.29	<.0001
NM_FIDHC_B1*e10	1	0.00036886	0.00036886	7.62	0.0059
NM_FIDHC_B1*e15	1	0.00327256	0.00327256	67.58	<.0001
NM_FIDHC_B1*e20	1	0.01073884	0.01073884	221.76	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1	1	12.30463693	12.30463693	254092	<.0001
e10	1	0.00023713	0.00023713	4.90	0.0272
e15	1	0.00013170	0.00013170	2.72	0.0995
e20	1	0.00232334	0.00232334	47.98	<.0001

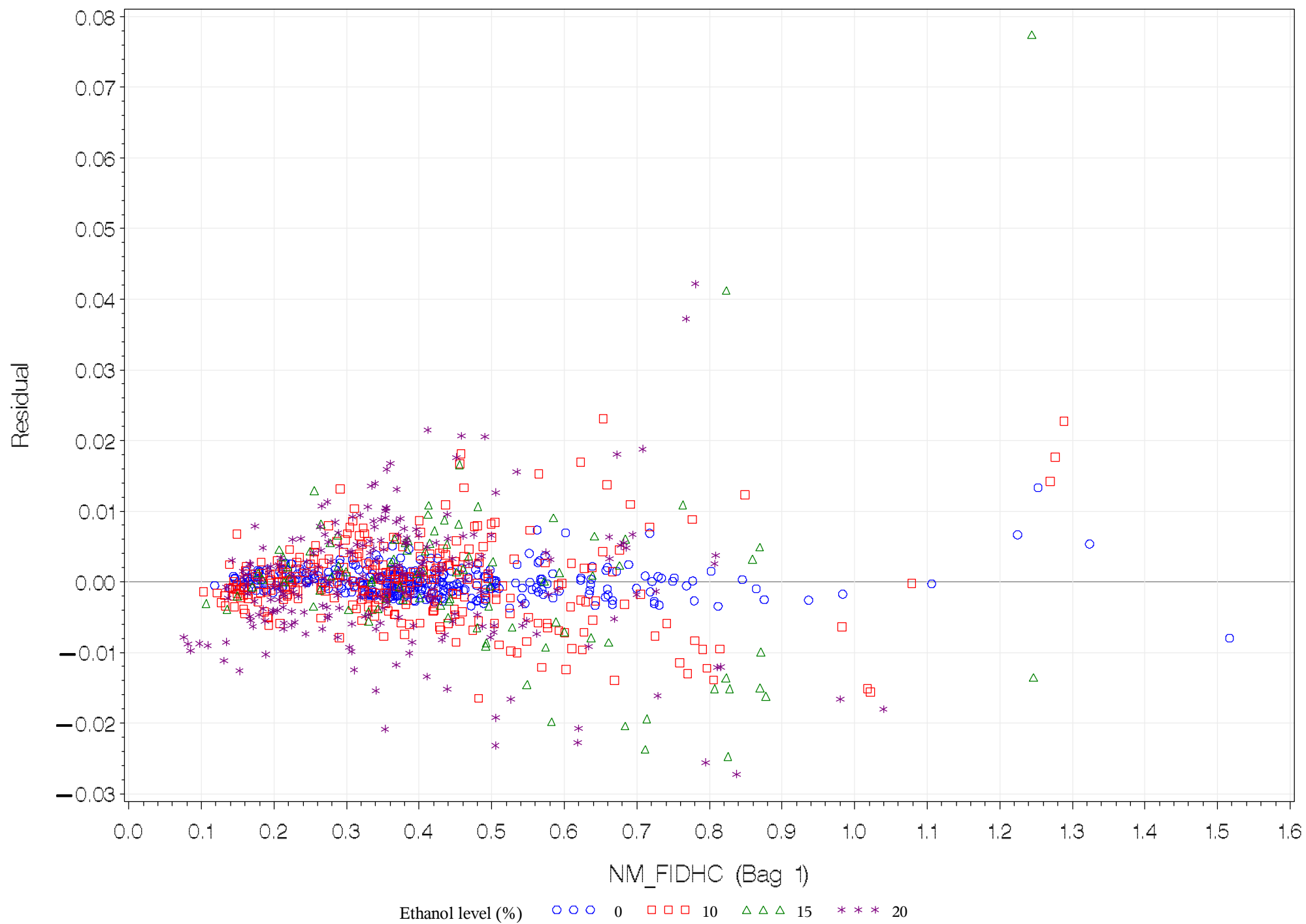
***The GLM Procedure***

***Dependent Variable: NMOG\_B1 NMOG (Bag 1)***

Source	DF	Type III SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1*e10	1	0.00559983	0.00559983	115.64	<.0001
NM_FIDHC_B1*e15	1	0.00763187	0.00763187	157.60	<.0001
NM_FIDHC_B1*e20	1	0.01073884	0.01073884	221.76	<.0001

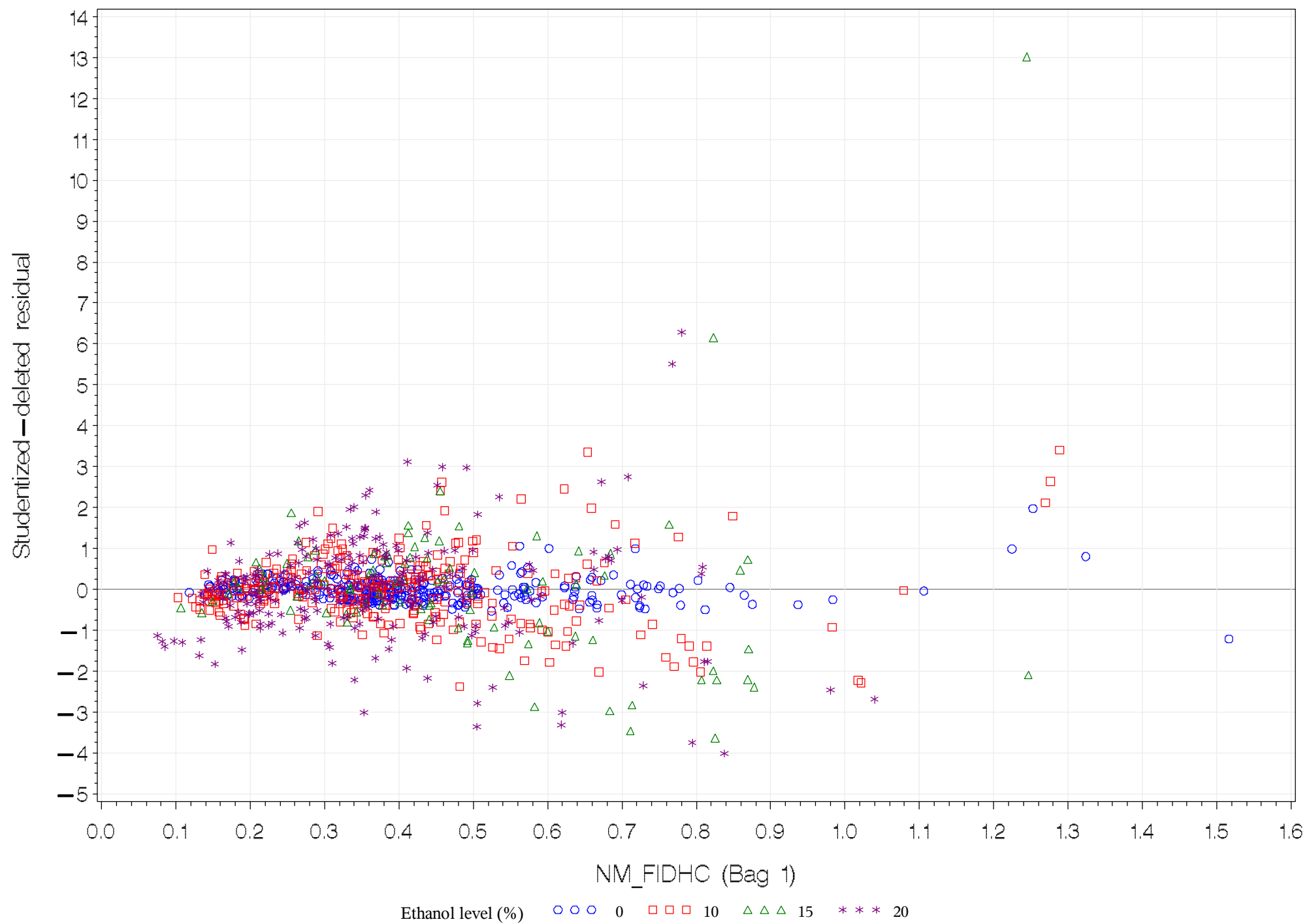
Parameter	Estimate	Standard Error	t Value	Pr >  t
Intercept	0.000438657	0.00093459	0.47	0.6389
NM_FIDHC_B1	1.009240268	0.00200216	504.08	<.0001
e10	0.002882016	0.00130239	2.21	0.0272
e15	0.003190165	0.00193443	1.65	0.0995
e20	0.009900565	0.00142936	6.93	<.0001
NM_FIDHC_B1*e10	0.030707766	0.00285561	10.75	<.0001
NM_FIDHC_B1*e15	0.047329267	0.00377010	12.55	<.0001
NM_FIDHC_B1*e20	0.049478312	0.00332258	14.89	<.0001

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

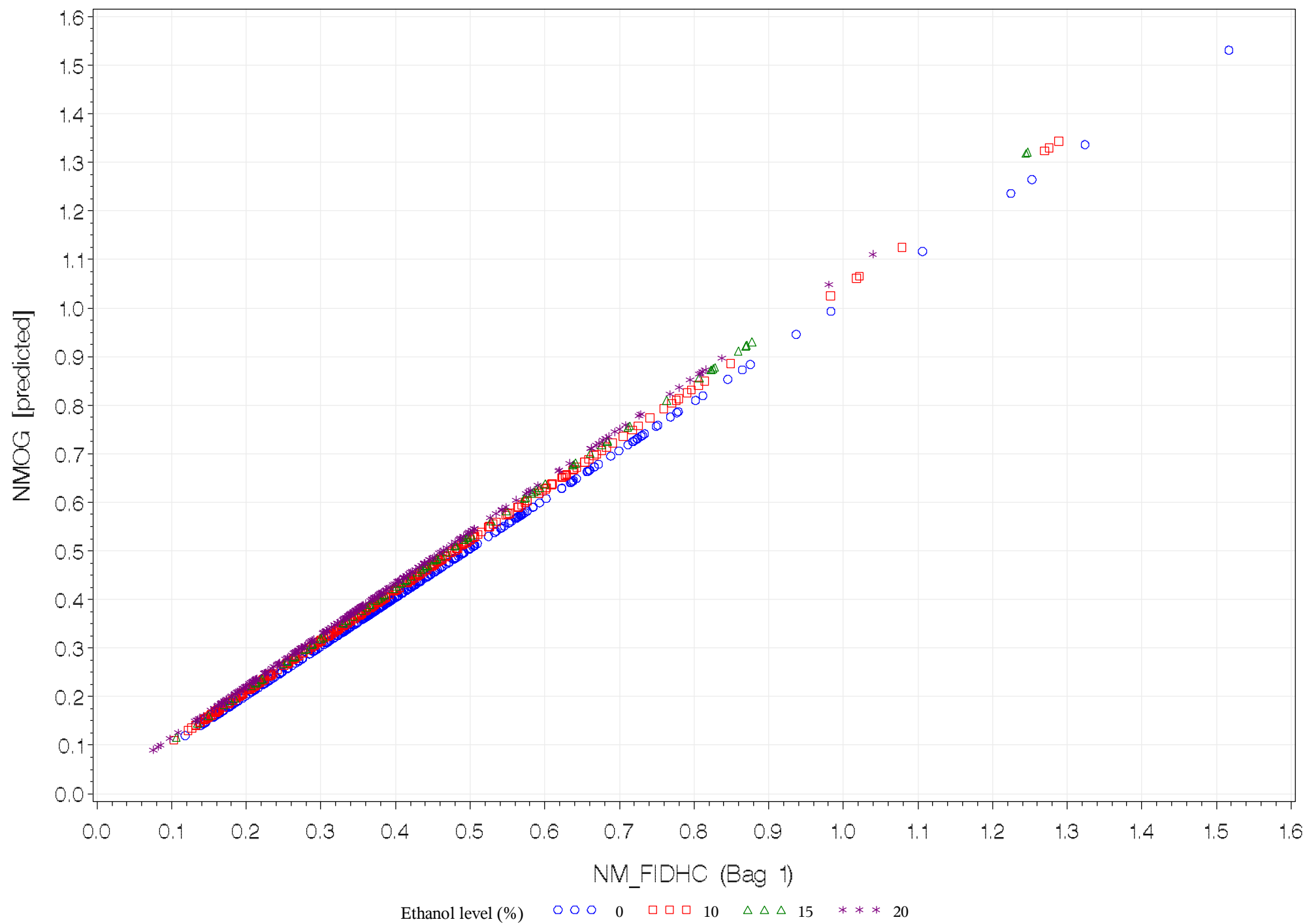




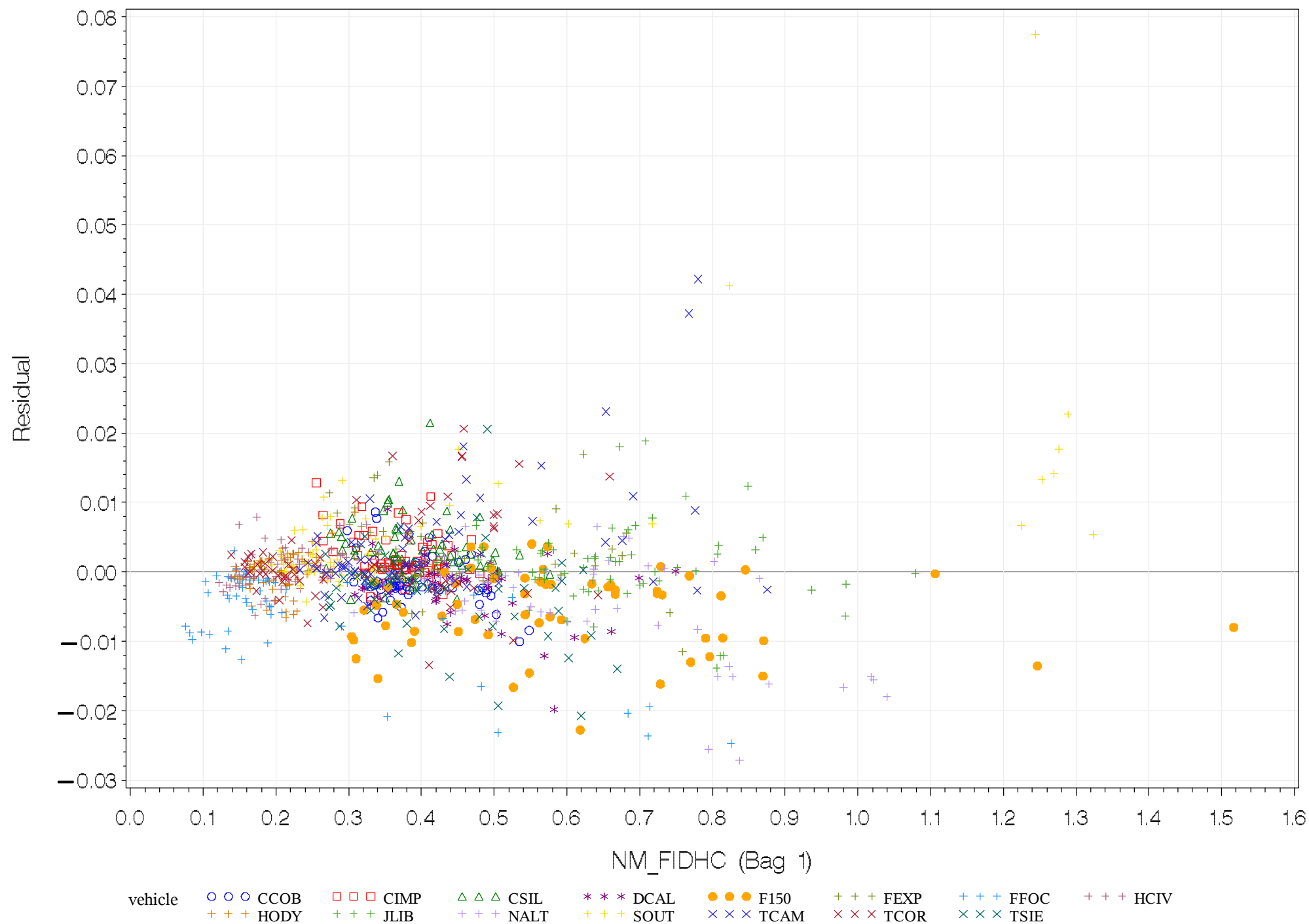
Imputing Bag 1 NMOG from FID NMHC  
Model 2: Intercepts and Slopes by Ethanol Level



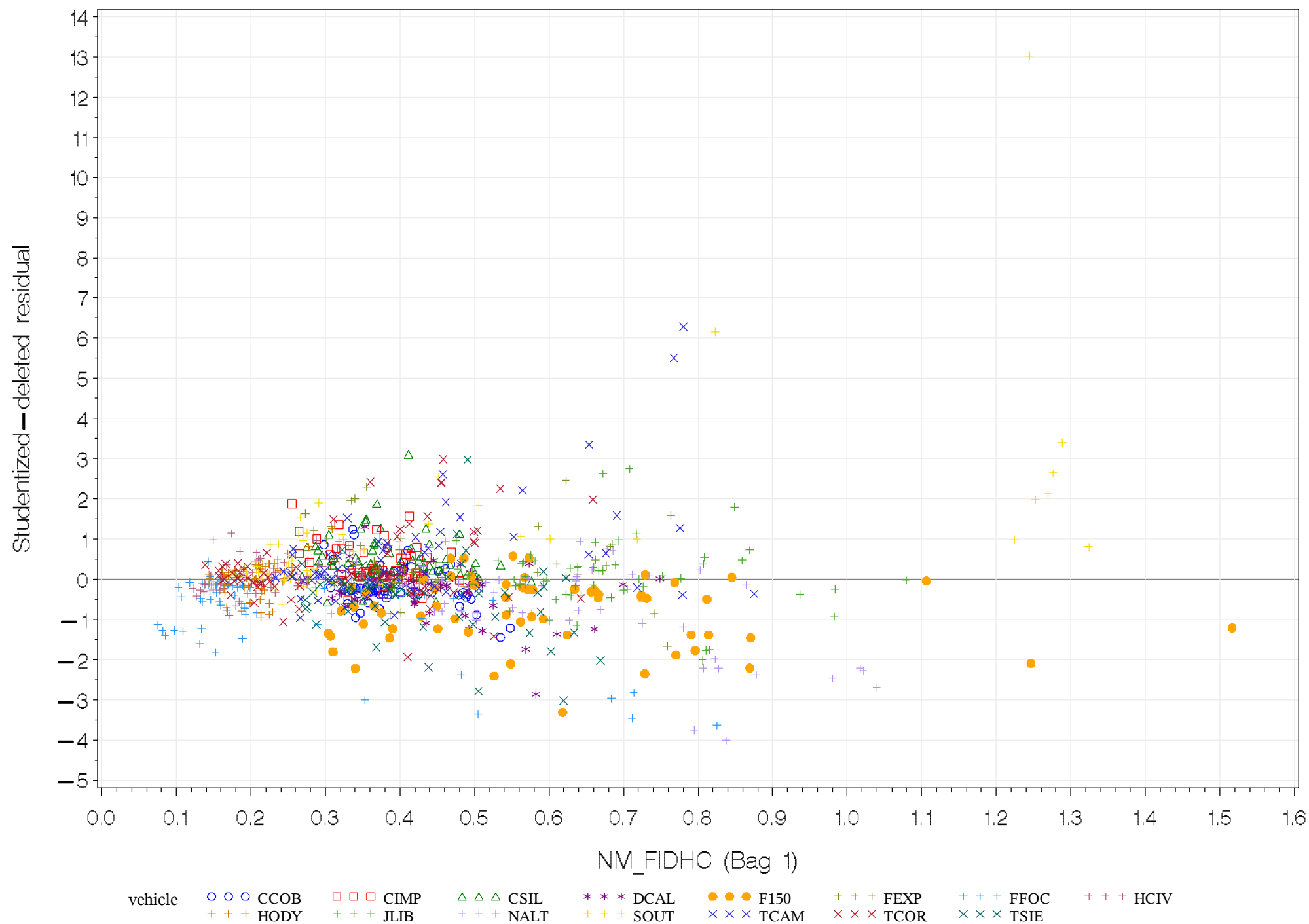
Imputing Bag 1 NMOG from FID NMHC  
Model 2: Intercepts and Slopes by Ethanol Level



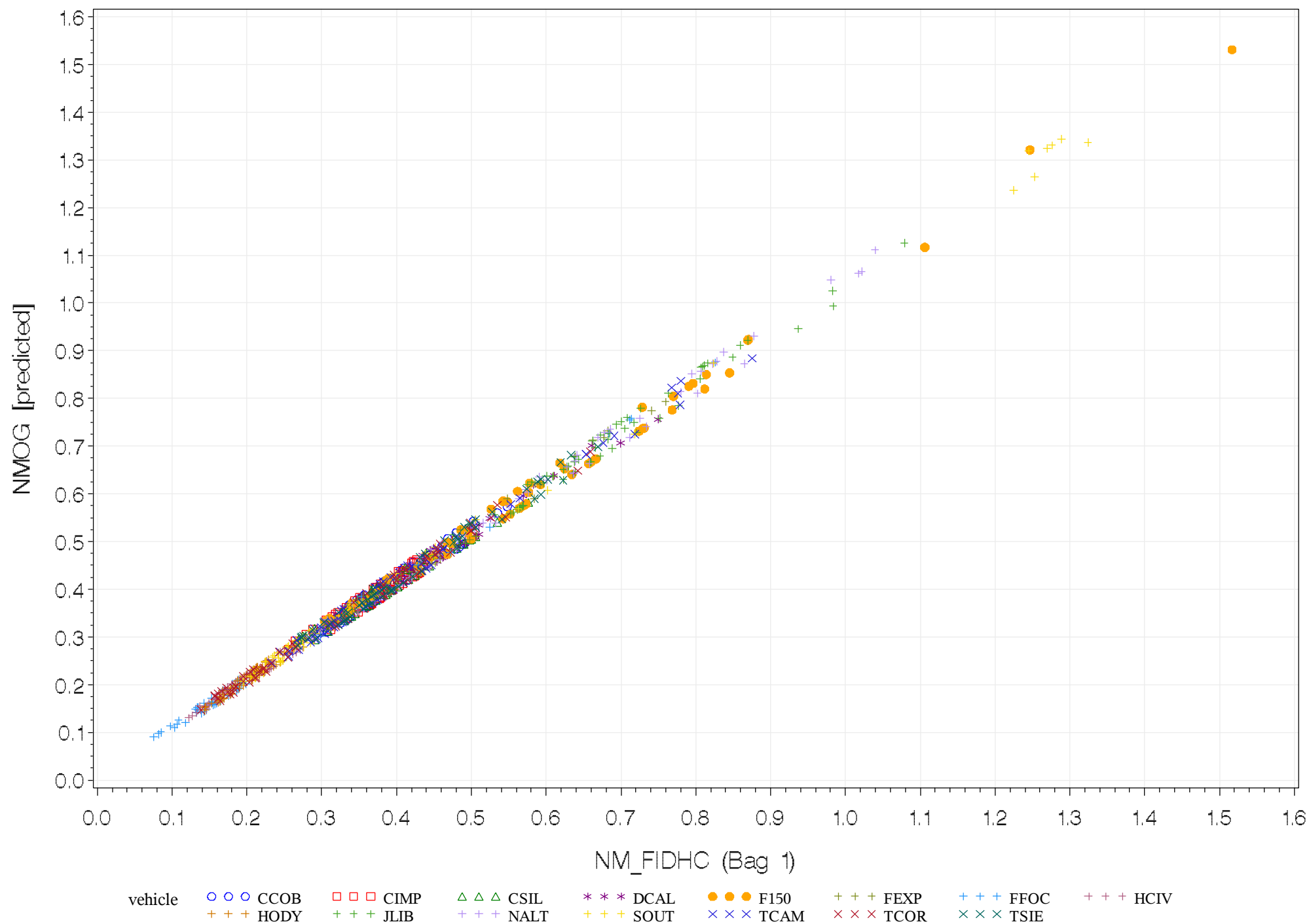
Imputing Bag 1 NMOG from FID NMHC  
Model 2: Intercepts and Slopes by Ethanol Level



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



Imputing Bag 1 NMOG 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: NMOG\_B1 NMOG (Bag 1)***

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	36.66925396	5.23846485	157316	<.0001
Error	911	0.03033540	0.00003330		
Corrected Total	918	36.69958936			

R-Square	Coeff Var	Root MSE	NMOG_B1 Mean
0.999173	1.366685	0.005771	0.422228

Source	DF	Type I SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1	1	36.53917883	36.53917883	1097305	<.0001
e10	1	0.00069465	0.00069465	20.86	<.0001
e15	1	0.00993551	0.00993551	298.37	<.0001
e20	1	0.10829864	0.10829864	3252.31	<.0001
NM_FIDHC_B1*e10	1	0.00110527	0.00110527	33.19	<.0001
NM_FIDHC_B1*e15	1	0.00063756	0.00063756	19.15	<.0001
NM_FIDHC_B1*e20	1	0.00940350	0.00940350	282.40	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1	1	12.30463693	12.30463693	369520	<.0001
e10	1	0.00023713	0.00023713	7.12	0.0078
e15	1	0.00119713	0.00119713	35.95	<.0001
e20	1	0.00242398	0.00242398	72.79	<.0001

***The GLM Procedure***

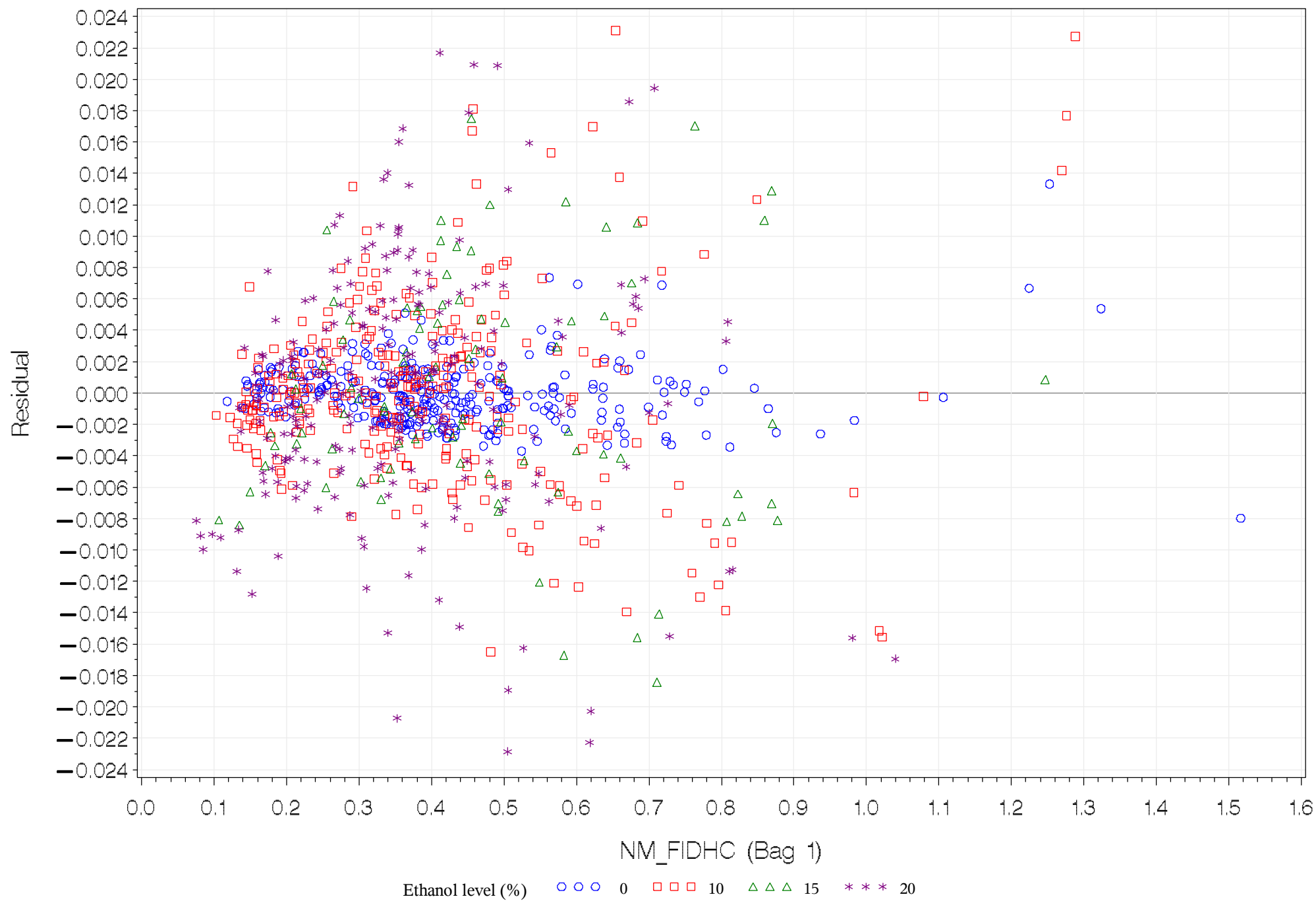
***Dependent Variable: NMOG\_B1 NMOG (Bag 1)***

Source	DF	Type III SS	Mean Square	F Value	Pr > F
NM_FIDHC_B1*e10	1	0.00559983	0.00559983	168.17	<.0001
NM_FIDHC_B1*e15	1	0.00270432	0.00270432	81.21	<.0001
NM_FIDHC_B1*e20	1	0.00940350	0.00940350	282.40	<.0001

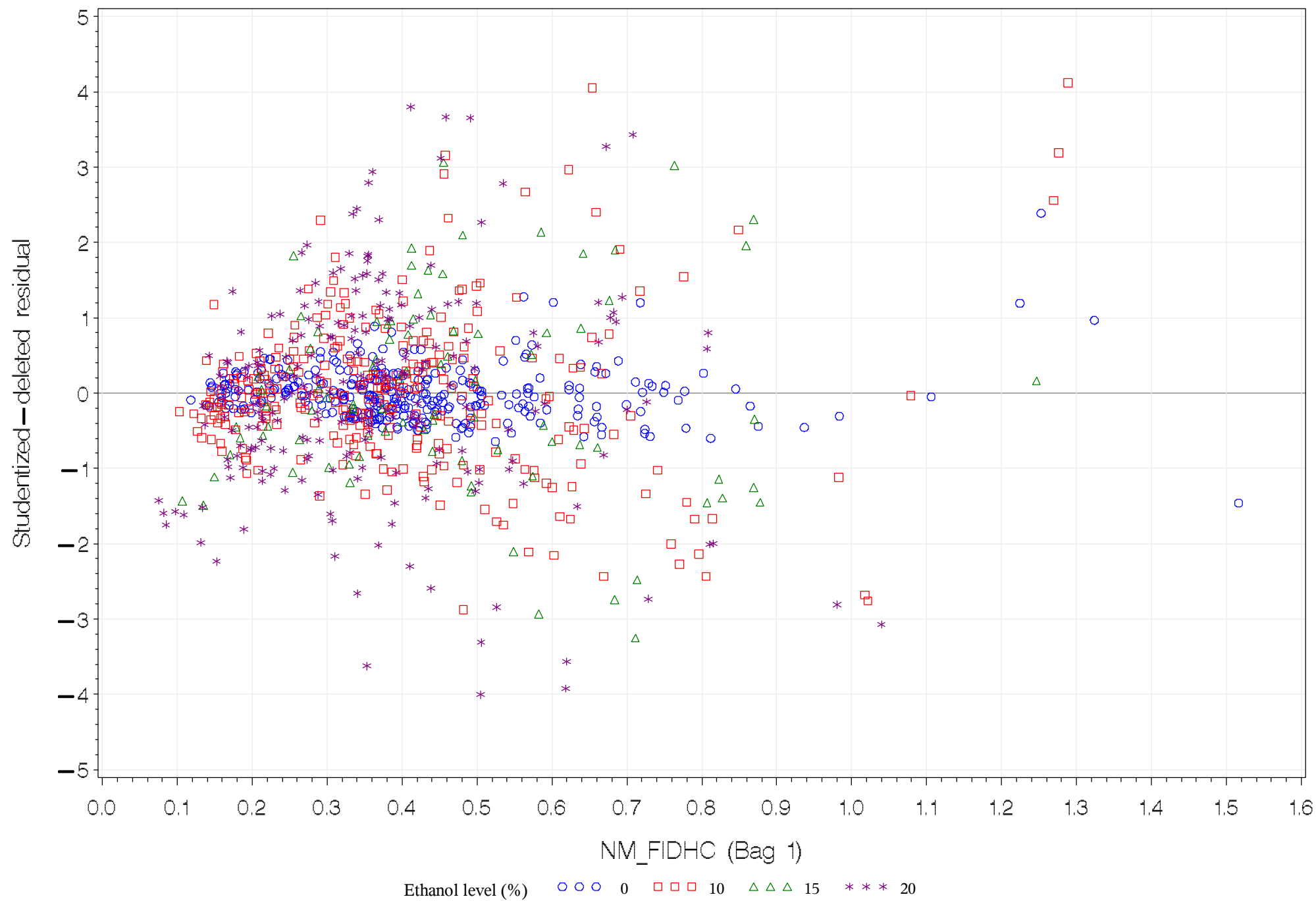
Parameter	Estimate	Standard Error	t Value	Pr >  t
Intercept	0.000438657	0.00077499	0.57	0.5715
NM_FIDHC_B1	1.009240268	0.00166026	607.88	<.0001
e10	0.002882016	0.00107999	2.67	0.0078
e15	0.010042668	0.00167492	6.00	<.0001
e20	0.010298206	0.00120701	8.53	<.0001
NM_FIDHC_B1*e10	0.030707766	0.00236797	12.97	<.0001
NM_FIDHC_B1*e15	0.030289819	0.00336111	9.01	<.0001
NM_FIDHC_B1*e20	0.048048225	0.00285922	16.80	<.0001



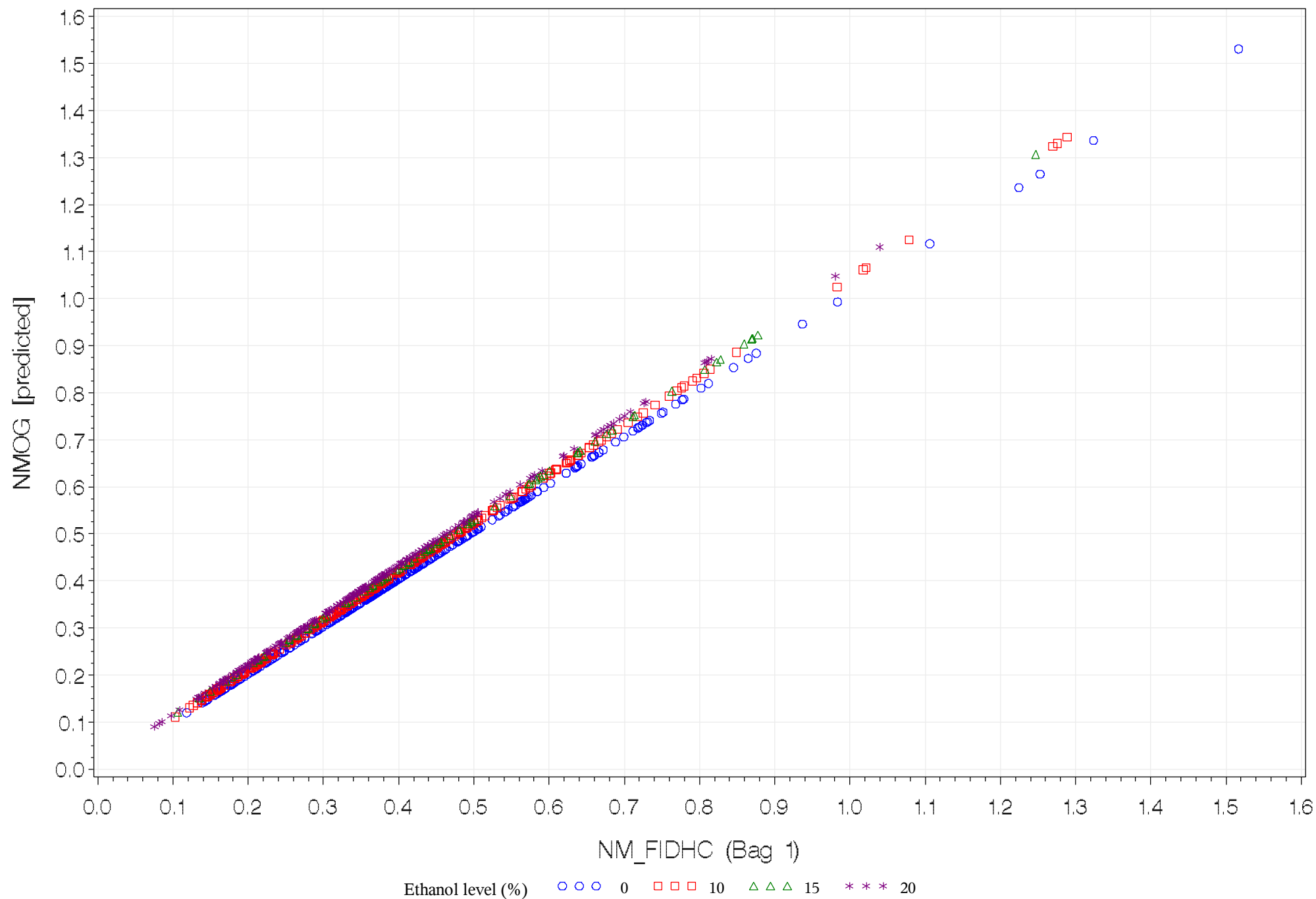
Imputing Bag 1 NMOG from FID NMHC  
Model 2.a: Intercepts and Slopes by Ethanol Level  
OUTLIER REMOVED(S) (1st round)



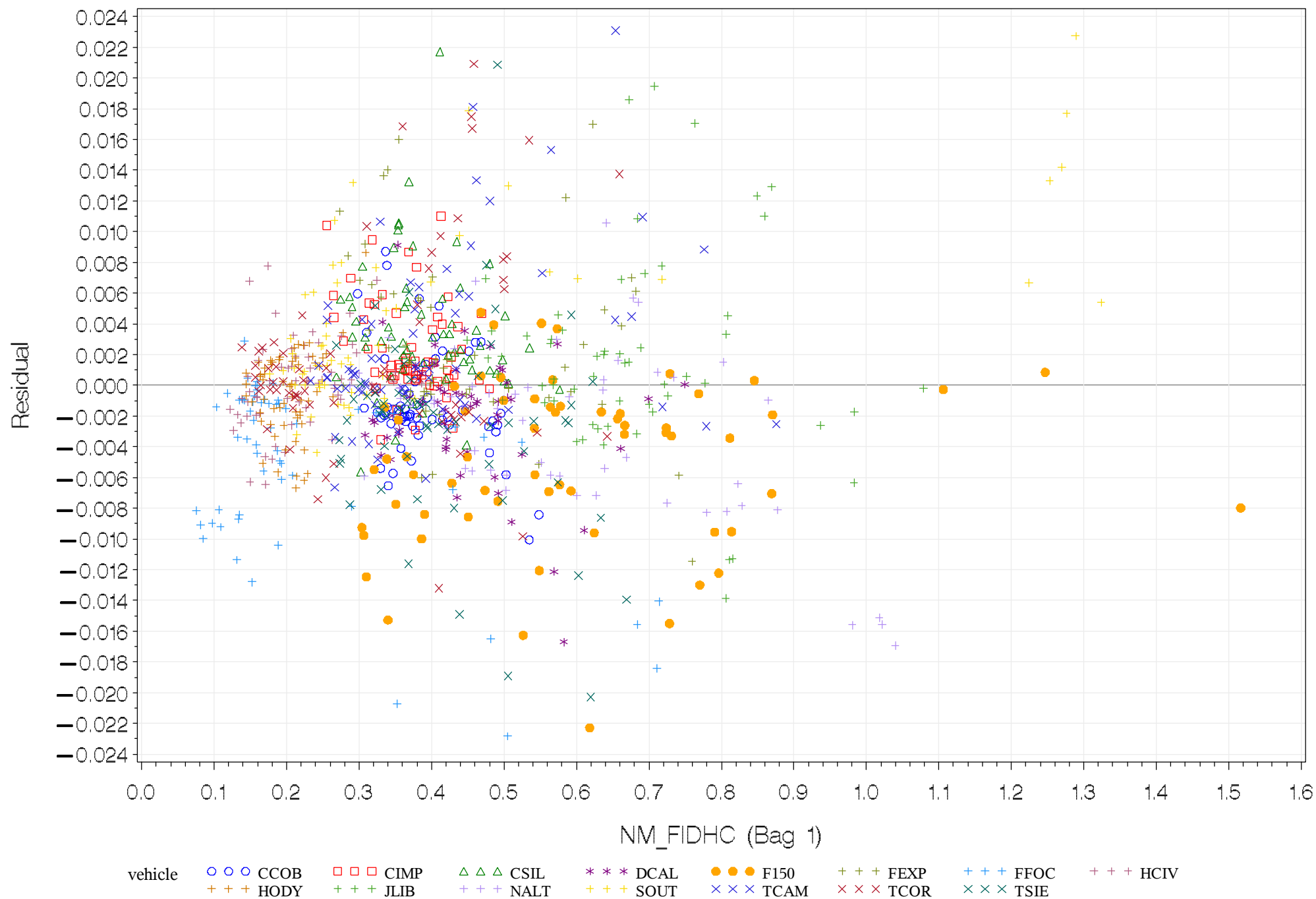
Imputing Bag 1 NMOG from FID NMHC  
Model 2.a: Intercepts and Slopes by Ethanol Level  
OUTLIER REMOVED(S) (1st round)



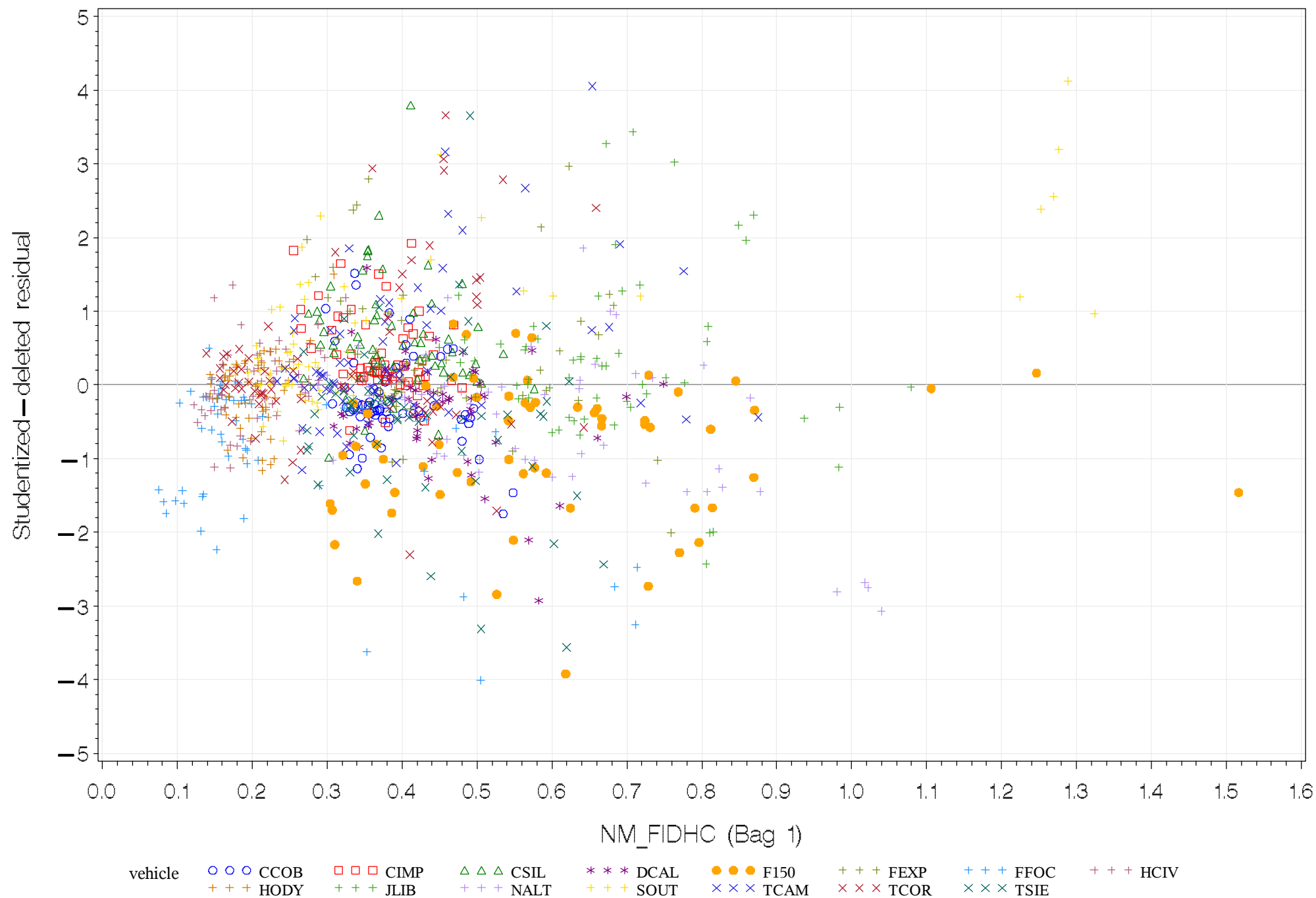
Imputing Bag 1 NMOG from FID NMHC  
Model 2.a: Intercepts and Slopes by Ethanol Level  
OUTLIER REMOVED(S) (1st round)



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



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



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

