

The CONTENTS Procedure

Data Set Name	WORK.TRAIN	Observations	1460
Member Type	DATA	Variables	81
Engine	V9	Indexes	0
Created	04/12/2019 21:33:00	Observation Length	472
Last Modified	04/12/2019 21:33:00	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	6
First Data Page	1
Max Obs per Page	277
Obs in First Data Page	250
Number of Data Set Repairs	0
Filename	/saswork/SAS_work4E050001B7E7_odaws02-prod-us/SAS_work72A60001B7E7_odaws02-prod-us/train.sas7bdat
Release Created	9.0401M5
Host Created	Linux
Inode Number	1074792304
Access Permission	rw-r--r--
Owner Name	eric.balke
File Size	896KB
File Size (bytes)	917504

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
44	1stFlrSF	Num	8	BEST12.	BEST32.
45	2ndFlrSF	Num	8	BEST12.	BEST32.
70	3SsnPorch	Num	8	BEST12.	BEST32.
7	Alley	Char	2	\$2.	\$2.
52	BedroomAbvGr	Num	8	BEST12.	BEST32.
16	BldgType	Char	6	\$6.	\$6.
32	BsmtCond	Char	2	\$2.	\$2.
33	BsmtExposure	Char	2	\$2.	\$2.
35	BsmtFinSF1	Num	8	BEST12.	BEST32.

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Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
37	BsmtFinSF2	Num	8	BEST12.	BEST32.
34	BsmtFinType1	Char	3	\$3.	\$3.
36	BsmtFinType2	Char	3	\$3.	\$3.
48	BsmtFullBath	Num	8	BEST12.	BEST32.
49	BsmtHalfBath	Num	8	BEST12.	BEST32.
31	BsmtQual	Char	2	\$2.	\$2.
38	BsmtUnfSF	Num	8	BEST12.	BEST32.
42	CentralAir	Char	1	\$1.	\$1.
14	Condition1	Char	6	\$6.	\$6.
15	Condition2	Char	6	\$6.	\$6.
43	Electrical	Char	5	\$5.	\$5.
69	EnclosedPorch	Num	8	BEST12.	BEST32.
29	ExterCond	Char	2	\$2.	\$2.
28	ExterQual	Char	2	\$2.	\$2.
24	Exterior1st	Char	7	\$7.	\$7.
25	Exterior2nd	Char	7	\$7.	\$7.
74	Fence	Char	5	\$5.	\$5.
58	FireplaceQu	Char	2	\$2.	\$2.
57	Fireplaces	Num	8	BEST12.	BEST32.
30	Foundation	Char	6	\$6.	\$6.
50	FullBath	Num	8	BEST12.	BEST32.
56	Functional	Char	4	\$4.	\$4.
63	GarageArea	Num	8	BEST12.	BEST32.
62	GarageCars	Num	8	BEST12.	BEST32.
65	GarageCond	Char	2	\$2.	\$2.
61	GarageFinish	Char	3	\$3.	\$3.
64	GarageQual	Char	2	\$2.	\$2.
59	GarageType	Char	7	\$7.	\$7.
60	GarageYrBlt	Char	4	\$4.	\$4.
47	GrLivArea	Num	8	BEST12.	BEST32.
51	HalfBath	Num	8	BEST12.	BEST32.
40	Heating	Char	4	\$4.	\$4.
41	HeatingQC	Char	2	\$2.	\$2.
17	HouseStyle	Char	6	\$6.	\$6.
1	Id	Num	8	BEST12.	BEST32.
53	KitchenAbvGr	Num	8	BEST12.	BEST32.

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Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
54	KitchenQual	Char	2	\$2.	\$2.
9	LandContour	Char	3	\$3.	\$3.
12	LandSlope	Char	3	\$3.	\$3.
5	LotArea	Num	8	BEST12.	BEST32.
11	LotConfig	Char	7	\$7.	\$7.
4	LotFrontage	Char	2	\$2.	\$2.
8	LotShape	Char	3	\$3.	\$3.
46	LowQualFinSF	Num	8	BEST12.	BEST32.
2	MSSubClass	Num	8	BEST12.	BEST32.
3	MSZoning	Char	2	\$2.	\$2.
27	MasVnrArea	Num	8	BEST12.	BEST32.
26	MasVnrType	Char	7	\$7.	\$7.
75	MiscFeature	Char	4	\$4.	\$4.
76	MiscVal	Num	8	BEST12.	BEST32.
77	MoSold	Num	8	BEST12.	BEST32.
13	Neighborhood	Char	7	\$7.	\$7.
68	OpenPorchSF	Num	8	BEST12.	BEST32.
19	OverallCond	Num	8	BEST12.	BEST32.
18	OverallQual	Num	8	BEST12.	BEST32.
66	PavedDrive	Char	1	\$1.	\$1.
72	PoolArea	Num	8	BEST12.	BEST32.
73	PoolQC	Char	2	\$2.	\$2.
23	RoofMatl	Char	7	\$7.	\$7.
22	RoofStyle	Char	5	\$5.	\$5.
80	SaleCondition	Char	7	\$7.	\$7.
81	SalePrice	Num	8	BEST12.	BEST32.
79	SaleType	Char	3	\$3.	\$3.
71	ScreenPorch	Num	8	BEST12.	BEST32.
6	Street	Char	4	\$4.	\$4.
55	TotRmsAbvGrd	Num	8	BEST12.	BEST32.
39	TotalBsmtSF	Num	8	BEST12.	BEST32.
10	Utilities	Char	6	\$6.	\$6.
67	WoodDeckSF	Num	8	BEST12.	BEST32.
20	YearBuilt	Num	8	BEST12.	BEST32.
21	YearRemodAdd	Num	8	BEST12.	BEST32.
78	YrSold	Num	8	BEST12.	BEST32.

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope
1	1	60	RL	65	8450	Pave	NA	Reg	Lvl	AllPub	Inside	Gtl
2	2	20	RL	80	9600	Pave	NA	Reg	Lvl	AllPub	FR2	Gtl
3	3	60	RL	68	11250	Pave	NA	IR1	Lvl	AllPub	Inside	Gtl

Obs	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt	YearRemodAdd	RoofStyle
1	CollgCr	Norm	Norm	1Fam	2Story	7	5	2003	2003	Gable
2	Veenker	Feedr	Norm	1Fam	1Story	6	8	1976	1976	Gable
3	CollgCr	Norm	Norm	1Fam	2Story	7	5	2001	2002	Gable

Obs	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual	BsmtCond
1	CompShg	VinylSd	VinylSd	BrkFace	196	Gd	TA	PCconc	Gd	TA
2	CompShg	MetalSd	MetalSd	None	0	TA	TA	CBlock	Gd	TA
3	CompShg	VinylSd	VinylSd	BrkFace	162	Gd	TA	PCconc	Gd	TA

Obs	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	Heating	HeatingQC
1	No	GLQ	706	Unf	0	150	856	GasA	Ex
2	Gd	ALQ	978	Unf	0	284	1262	GasA	Ex
3	Mn	GLQ	486	Unf	0	434	920	GasA	Ex

Obs	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath	BsmtHalfBath	FullBath	HalfBath
1	Y	SBrkr	856	854	0	1710	1	0	2	1
2	Y	SBrkr	1262	0	0	1262	0	1	2	0
3	Y	SBrkr	920	866	0	1786	1	0	2	1

Obs	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces	FireplaceQu	GarageType	GarageYrBlt
1	3	1	Gd	8	Typ	0	NA	Attchd	2003
2	3	1	TA	6	Typ	1	TA	Attchd	1976
3	3	1	Gd	6	Typ	1	TA	Attchd	2001

Obs	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive	WoodDeckSF	OpenPorchSF	EnclosedPorch
1	RFn	2	548	TA	TA	Y	0	61	0
2	RFn	2	460	TA	TA	Y	298	0	0
3	RFn	2	608	TA	TA	Y	0	42	0

Obs	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal	MoSold	YrSold	SaleType	SaleCondition	SalePrice
1	0	0	0	NA	NA	NA	0	2	2008	WD	Normal	208500
2	0	0	0	NA	NA	NA	0	5	2007	WD	Normal	181500
3	0	0	0	NA	NA	NA	0	9	2008	WD	Normal	223500

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope
4	4	70	RL	60	9550	Pave	NA	IR1	Lvl	AllPub	Corner	Gtl
5	5	60	RL	84	14260	Pave	NA	IR1	Lvl	AllPub	FR2	Gtl
6	6	50	RL	85	14115	Pave	NA	IR1	Lvl	AllPub	Inside	Gtl

Obs	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt	YearRemodAdd	RoofStyle
4	Crawfor	Norm	Norm	1Fam	2Story	7	5	1915	1970	Gable
5	NoRidge	Norm	Norm	1Fam	2Story	8	5	2000	2000	Gable
6	Mitchel	Norm	Norm	1Fam	1.5Fin	5	5	1993	1995	Gable

Obs	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual	BsmtCond
4	CompShg	Wd Sdng	Wd Shng	None	0	TA	TA	BrkTil	TA	Gd
5	CompShg	VinylSd	VinylSd	BrkFace	350	Gd	TA	PCconc	Gd	TA
6	CompShg	VinylSd	VinylSd	None	0	TA	TA	Wood	Gd	TA

Obs	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	Heating	HeatingQC
4	No	ALQ	216	Unf	0	540	756	GasA	Gd
5	Av	GLQ	655	Unf	0	490	1145	GasA	Ex
6	No	GLQ	732	Unf	0	64	796	GasA	Ex

Obs	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath	BsmtHalfBath	FullBath	HalfBath
4	Y	SBrkr	961	756	0	1717	1	0	1	0
5	Y	SBrkr	1145	1053	0	2198	1	0	2	1
6	Y	SBrkr	796	566	0	1362	1	0	1	1

Obs	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces	FireplaceQu	GarageType	GarageYrBlt
4	3	1	Gd	7	Typ	1	Gd	Detchd	1998
5	4	1	Gd	9	Typ	1	TA	Attchd	2000
6	1	1	TA	5	Typ	0	NA	Attchd	1993

Obs	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive	WoodDeckSF	OpenPorchSF	EnclosedPorch
4	Unf	3	642	TA	TA	Y	0	35	272
5	RFn	3	836	TA	TA	Y	192	84	0
6	Unf	2	480	TA	TA	Y	40	30	0

Obs	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal	MoSold	YrSold	SaleType	SaleCondition	SalePrice
4	0	0	0	NA	NA	NA	0	2	2006	WD	Abnorml	140000
5	0	0	0	NA	NA	NA	0	12	2008	WD	Normal	250000
6	320	0	0	NA	MnPrv	Shed	700	10	2009	WD	Normal	143000

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope
7	7	20	RL	75	10084	Pave	NA	Reg	Lvl	AllPub	Inside	Gtl
8	8	60	RL	NA	10382	Pave	NA	IR1	Lvl	AllPub	Corner	Gtl

Obs	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt	YearRemodAdd	RoofStyle
7	Somerst	Norm	Norm	1Fam	1Story	8	5	2004	2005	Gable
8	NWAmes	PosN	Norm	1Fam	2Story	7	6	1973	1973	Gable

Obs	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual	BsmtCond
7	CompShg	VinylSd	VinylSd	Stone	186	Gd	TA	PConc	Ex	TA
8	CompShg	HdBoard	HdBoard	Stone	240	TA	TA	CBlock	Gd	TA

Obs	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	Heating	HeatingQC
7	Av	GLQ	1369	Unf	0	317	1686	GasA	Ex
8	Mn	ALQ	859	BLQ	32	216	1107	GasA	Ex

Obs	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath	BsmtHalfBath	FullBath	HalfBath
7	Y	SBrkr	1694	0	0	1694	1	0	2	0
8	Y	SBrkr	1107	983	0	2090	1	0	2	1

Obs	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces	FireplaceQu	GarageType	GarageYrBlt
7	3	1	Gd	7	Typ	1	Gd	Attchd	2004
8	3	1	TA	7	Typ	2	TA	Attchd	1973

Obs	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive	WoodDeckSF	OpenPorchSF	EnclosedPorch
7	RFn	2	636	TA	TA	Y	255	57	0
8	RFn	2	484	TA	TA	Y	235	204	228

Obs	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal	MoSold	YrSold	SaleType	SaleCondition	SalePrice
7	0	0	0	NA	NA	NA	0	8	2007	WD	Normal	307000
8	0	0	0	NA	NA	Shed	350	11	2009	WD	Normal	200000

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope
9	9	50	RM	51	6120	Pave	NA	Reg	Lvl	AllPub	Inside	Gtl
10	10	190	RL	50	7420	Pave	NA	Reg	Lvl	AllPub	Corner	Gtl

Obs	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt	YearRemodAdd	RoofStyle
9	OldTown	Artery	Norm	1Fam	1.5Fin	7	5	1931	1950	Gable
10	BrkSide	Artery	Artery	2fmCon	1.5Unf	5	6	1939	1950	Gable

Obs	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual	BsmtCond
9	CompShg	BrkFace	Wd Shng	None	0	TA	TA	BrkTil	TA	TA
10	CompShg	MetalSd	MetalSd	None	0	TA	TA	BrkTil	TA	TA

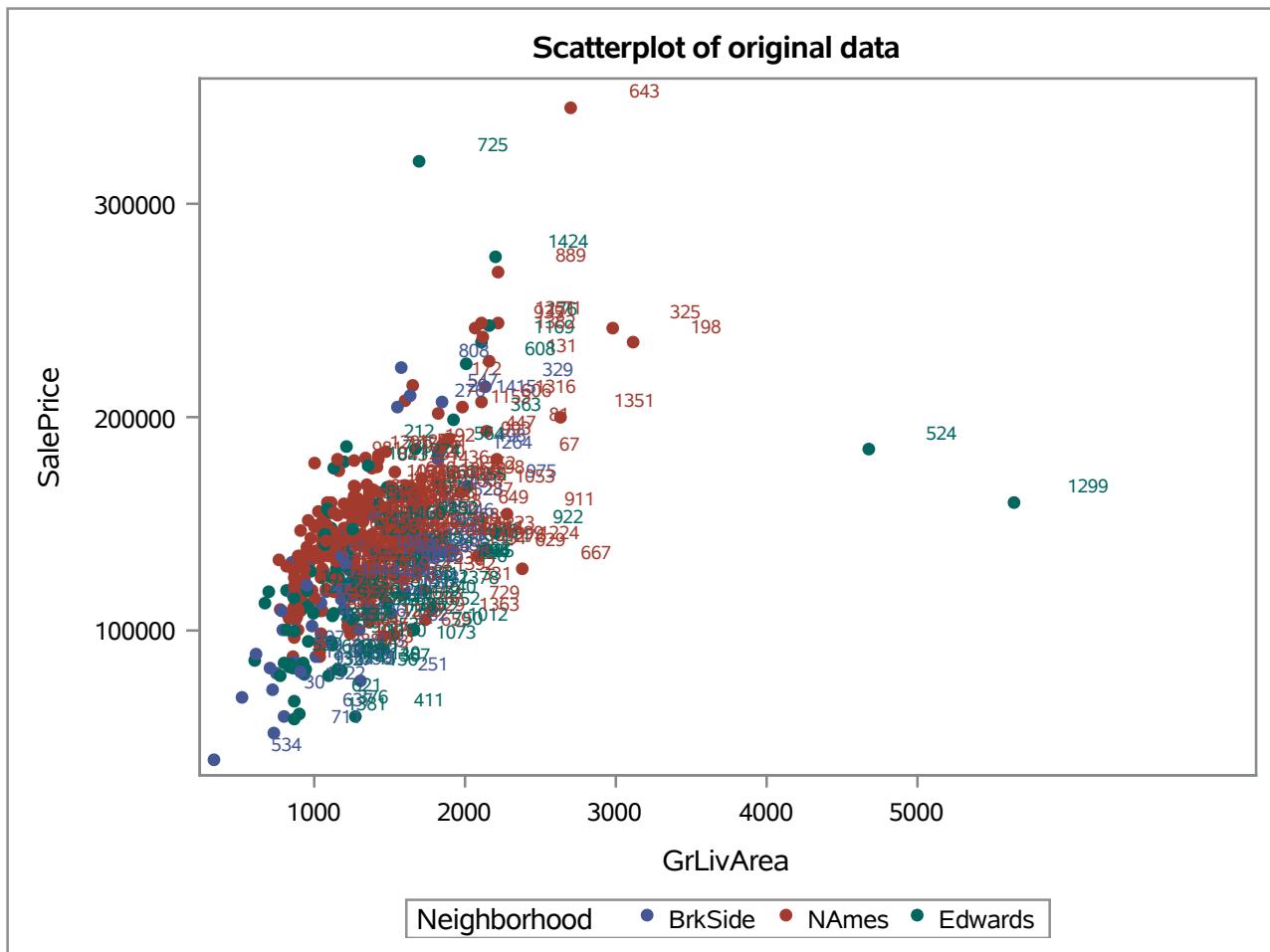
Obs	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	Heating	HeatingQC
9	No	Unf	0	Unf	0	952	952	GasA	Gd
10	No	GLQ	851	Unf	0	140	991	GasA	Ex

Obs	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath	BsmtHalfBath	FullBath	HalfBath
9	Y	FuseF	1022	752	0	1774	0	0	2	0
10	Y	SBrkr	1077	0	0	1077	1	0	1	0

Obs	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces	FireplaceQu	GarageType	GarageYrBlt
9	2	2	TA	8	Min1	2	TA	Detchd	1931
10	2	2	TA	5	Typ	2	TA	Attchd	1939

Obs	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive	WoodDeckSF	OpenPorchSF	EnclosedPorch
9	Unf	2	468	Fa	TA	Y	90	0	205
10	RFn	1	205	Gd	TA	Y	0	4	0

Obs	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal	MoSold	YrSold	SaleType	SaleCondition	SalePrice
9	0	0	0	NA	NA	NA	0	4	2008	WD	Abnorml	129900
10	0	0	0	NA	NA	NA	0	1	2008	WD	Normal	118000



Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig
1	10	190	RL	50	7420	Pave	NA	Reg	Lvl	AllPub	Corner
2	15	20	RL	NA	10920	Pave	NA	IR1	Lvl	AllPub	Corner

Obs	LandSlope	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt
1	Gtl	BrkSide	Artery	Artery	2fmCon	1.5Unf	5	6	1939
2	Gtl	NAmes	Norm	Norm	1Fam	1Story	6	5	1960

Obs	YearRemodAdd	RoofStyle	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond
1	1950	Gable	CompShg	MetalSd	MetalSd	None	0	TA	TA
2	1960	Hip	CompShg	MetalSd	MetalSd	BrkFace	212	TA	TA

Obs	Foundation	BsmtQual	BsmtCond	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF
1	BrkTil	TA	TA	No	GLQ	851	Unf	0	140
2	CBlock	TA	TA	No	BLQ	733	Unf	0	520

Obs	TotalBsmtSF	Heating	HeatingQC	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath
1	991	GasA	Ex	Y	SBrkr	1077	0	0	1077	1
2	1253	GasA	TA	Y	SBrkr	1253	0	0	1253	1

Obs	BsmtHalfBath	FullBath	HalfBath	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces
1	0	1	0	2	2	TA	5	Typ	2
2	0	1	1	2	1	TA	5	Typ	1

Obs	FireplaceQu	GarageType	GarageYrBlt	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive
1	TA	Attchd	1939	RFn	1	205	Gd	TA	Y
2	Fa	Attchd	1960	RFn	1	352	TA	TA	Y

Obs	WoodDeckSF	OpenPorchSF	EnclosedPorch	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal
1	0	4	0	0	0	0	NA	NA	NA	0
2	0	213	176	0	0	0	NA	GdWo	NA	0

Obs	MoSold	YrSold	SaleType	SaleCondition	SalePrice	N_Dummy	E_Dummy	int_e	int_n
1	1	2008	WD	Normal	118000	0	0	0	0
2	5	2008	WD	Normal	157000	1	0	0	1253

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig
3	16	45	RM	51	6120	Pave	NA	Reg	Lvl	AllPub	Corner
4	17	20	RL	NA	11241	Pave	NA	IR1	Lvl	AllPub	CulDSac

Obs	LandSlope	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt
3	Gtl	BrkSide	Norm	Norm	1Fam	1.5Unf	7	8	1929
4	Gtl	NAmes	Norm	Norm	1Fam	1Story	6	7	1970

Obs	YearRemodAdd	RoofStyle	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond
3	2001	Gable	CompShg	Wd Sdng	Wd Sdng	None	0	TA	TA
4	1970	Gable	CompShg	Wd Sdng	Wd Sdng	BrkFace	180	TA	TA

Obs	Foundation	BsmtQual	BsmtCond	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF
3	BrkTil	TA	TA	No	Unf	0	Unf	0	832
4	CBlock	TA	TA	No	ALQ	578	Unf	0	426

Obs	TotalBsmtSF	Heating	HeatingQC	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath
3	832	GasA	Ex	Y	FuseA	854	0	0	854	0
4	1004	GasA	Ex	Y	SBrkr	1004	0	0	1004	1

Obs	BsmtHalfBath	FullBath	HalfBath	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces
3	0	1	0	2	1	TA	5	Typ	0
4	0	1	0	2	1	TA	5	Typ	1

Obs	FireplaceQu	GarageType	GarageYrBlt	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive
3	NA	Detchd	1991	Unf	2	576	TA	TA	Y
4	TA	Attchd	1970	Fin	2	480	TA	TA	Y

Obs	WoodDeckSF	OpenPorchSF	EnclosedPorch	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal
3	48	112	0	0	0	0	NA	GdPrv	NA	0
4	0	0	0	0	0	0	NA	NA	Shed	700

Obs	MoSold	YrSold	SaleType	SaleCondition	SalePrice	N_Dummy	E_Dummy	int_e	int_n
3	7	2007	WD	Normal	132000	0	0	0	0
4	3	2010	WD	Normal	149000	1	0	0	1004

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig
5	20	20	RL	70	7560	Pave	NA	Reg	Lvl	AllPub	Inside
6	27	20	RL	60	7200	Pave	NA	Reg	Lvl	AllPub	Corner

Obs	LandSlope	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt
5	Gtl	NAmes	Norm	Norm	1Fam	1Story	5	6	1958
6	Gtl	NAmes	Norm	Norm	1Fam	1Story	5	7	1951

Obs	YearRemodAdd	RoofStyle	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond
5	1965	Hip	CompShg	BrkFace	Plywood	None	0	TA	TA
6	2000	Gable	CompShg	Wd Sdng	Wd Sdng	None	0	TA	TA

Obs	Foundation	BsmtQual	BsmtCond	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF
5	CBlock	TA	TA	No	LwQ	504	Unf	0	525
6	CBlock	TA	TA	Mn	BLQ	234	Rec	486	180

Obs	TotalBsmtSF	Heating	HeatingQC	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath
5	1029	GasA	TA	Y	SBrkr	1339	0	0	1339	0
6	900	GasA	TA	Y	SBrkr	900	0	0	900	0

Obs	BsmtHalfBath	FullBath	HalfBath	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces
5	0	1	0	3	1	TA	6	Min1	0
6	1	1	0	3	1	Gd	5	Typ	0

Obs	FireplaceQu	GarageType	GarageYrBlt	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive
5	NA	Attchd	1958	Unf	1	294	TA	TA	Y
6	NA	Detchd	2005	Unf	2	576	TA	TA	Y

Obs	WoodDeckSF	OpenPorchSF	EnclosedPorch	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal
5	0	0	0	0	0	0	NA	MnPrv	NA	0
6	222	32	0	0	0	0	NA	NA	NA	0

Obs	MoSold	YrSold	SaleType	SaleCondition	SalePrice	N_Dummy	E_Dummy	int_e	int_n
5	5	2009	COD	Abnorml	139000	1	0	0	1339
6	5	2010	WD	Normal	134800	1	0	0	900

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig
7	29	20	RL	47	16321	Pave	NA	IR1	Lvl	AllPub	CulDSac
8	30	30	RM	60	6324	Pave	NA	IR1	Lvl	AllPub	Inside

Obs	LandSlope	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt
7	Gtl	NAmes	Norm	Norm	1Fam	1Story	5	6	1957
8	Gtl	BrkSide	Feedr	RRNn	1Fam	1Story	4	6	1927

Obs	YearRemodAdd	RoofStyle	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond
7	1997	Gable	CompShg	MetalSd	MetalSd	None	0	TA	TA
8	1950	Gable	CompShg	MetalSd	MetalSd	None	0	TA	TA

Obs	Foundation	BsmtQual	BsmtCond	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF
7	CBlock	TA	TA	Gd	BLQ	1277	Unf	0	207
8	BrkTil	TA	TA	No	Unf	0	Unf	0	520

Obs	TotalBsmtSF	Heating	HeatingQC	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath
7	1484	GasA	TA	Y	SBrkr	1600	0	0	1600	1
8	520	GasA	Fa	N	SBrkr	520	0	0	520	0

Obs	BsmtHalfBath	FullBath	HalfBath	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces
7	0	1	0	2	1	TA	6	Typ	2
8	0	1	0	1	1	Fa	4	Typ	0

Obs	FireplaceQu	GarageType	GarageYrBlt	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive
7	Gd	Attchd	1957	RFn	1	319	TA	TA	Y
8	NA	Detchd	1920	Unf	1	240	Fa	TA	Y

Obs	WoodDeckSF	OpenPorchSF	EnclosedPorch	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal
7	288	258	0	0	0	0	NA	NA	NA	0
8	49	0	87	0	0	0	NA	NA	NA	0

Obs	MoSold	YrSold	SaleType	SaleCondition	SalePrice	N_Dummy	E_Dummy	int_e	int_n
7	12	2006	WD	Normal	207500	1	0	0	1600
8	5	2008	WD	Normal	68500	0	0	0	0

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig
9	34	20	RL	70	10552	Pave	NA	IR1	Lvl	AllPub	Inside
10	38	20	RL	74	8532	Pave	NA	Reg	Lvl	AllPub	Inside

Obs	LandSlope	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt
9	Gtl	NAmes	Norm	Norm	1Fam	1Story	5	5	1959
10	Gtl	NAmes	Norm	Norm	1Fam	1Story	5	6	1954

Obs	YearRemodAdd	RoofStyle	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond
9	1959	Hip	CompShg	BrkFace	BrkFace	None	0	TA	TA
10	1990	Hip	CompShg	Wd Sdng	Wd Sdng	BrkFace	650	TA	TA

Obs	Foundation	BsmtQual	BsmtCond	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF
9	CBlock	TA	TA	No	Rec	1018	Unf	0	380
10	CBlock	TA	TA	No	Rec	1213	Unf	0	84

Obs	TotalBsmtSF	Heating	HeatingQC	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath
9	1398	GasA	Gd	Y	SBrkr	1700	0	0	1700	0
10	1297	GasA	Gd	Y	SBrkr	1297	0	0	1297	0

Obs	BsmtHalfBath	FullBath	HalfBath	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces
9	1	1	1	4	1	Gd	6	Typ	1
10	1	1	0	3	1	TA	5	Typ	1

Obs	FireplaceQu	GarageType	GarageYrBlt	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive
9	Gd	Attchd	1959	RFn	2	447	TA	TA	Y
10	TA	Attchd	1954	Fin	2	498	TA	TA	Y

Obs	WoodDeckSF	OpenPorchSF	EnclosedPorch	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal
9	0	38	0	0	0	0	NA	NA	NA	0
10	0	0	0	0	0	0	NA	NA	NA	0

Obs	MoSold	YrSold	SaleType	SaleCondition	SalePrice	N_Dummy	E_Dummy	int_e	int_n
9	4	2010	WD	Normal	165500	1	0	0	1700
10	10	2009	WD	Normal	153000	1	0	0	1297

Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice

Number of Observations Read	383
Number of Observations Used	383

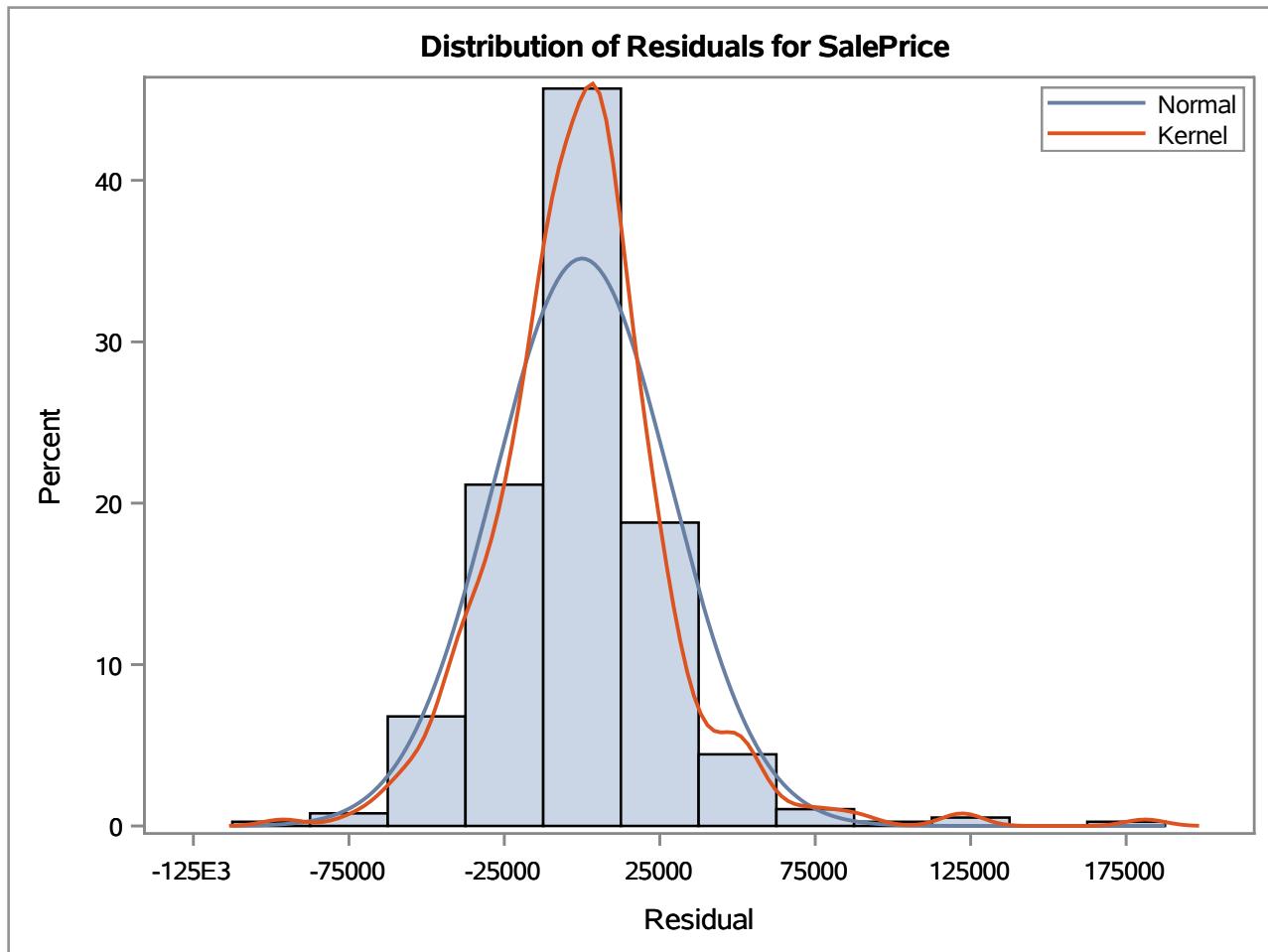
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	2.48809E11	49761808941	61.04	<.0001
Error	377	3.073431E11	815233644		
Corrected Total	382	5.561521E11			

Root MSE	28552	R-Square	0.4474
Dependent Mean	138063	Adj R-Sq	0.4400
Coeff Var	20.68070		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	19972	12351	1.62	0.1067
GrLivArea	1	87.16253	9.78196	8.91	<.0001
E_Dummy	1	68382	13970	4.90	<.0001
N_Dummy	1	54705	13882	3.94	<.0001
int_e	1	-57.41223	10.71767	-5.36	<.0001
int_n	1	-32.84667	10.81538	-3.04	0.0026

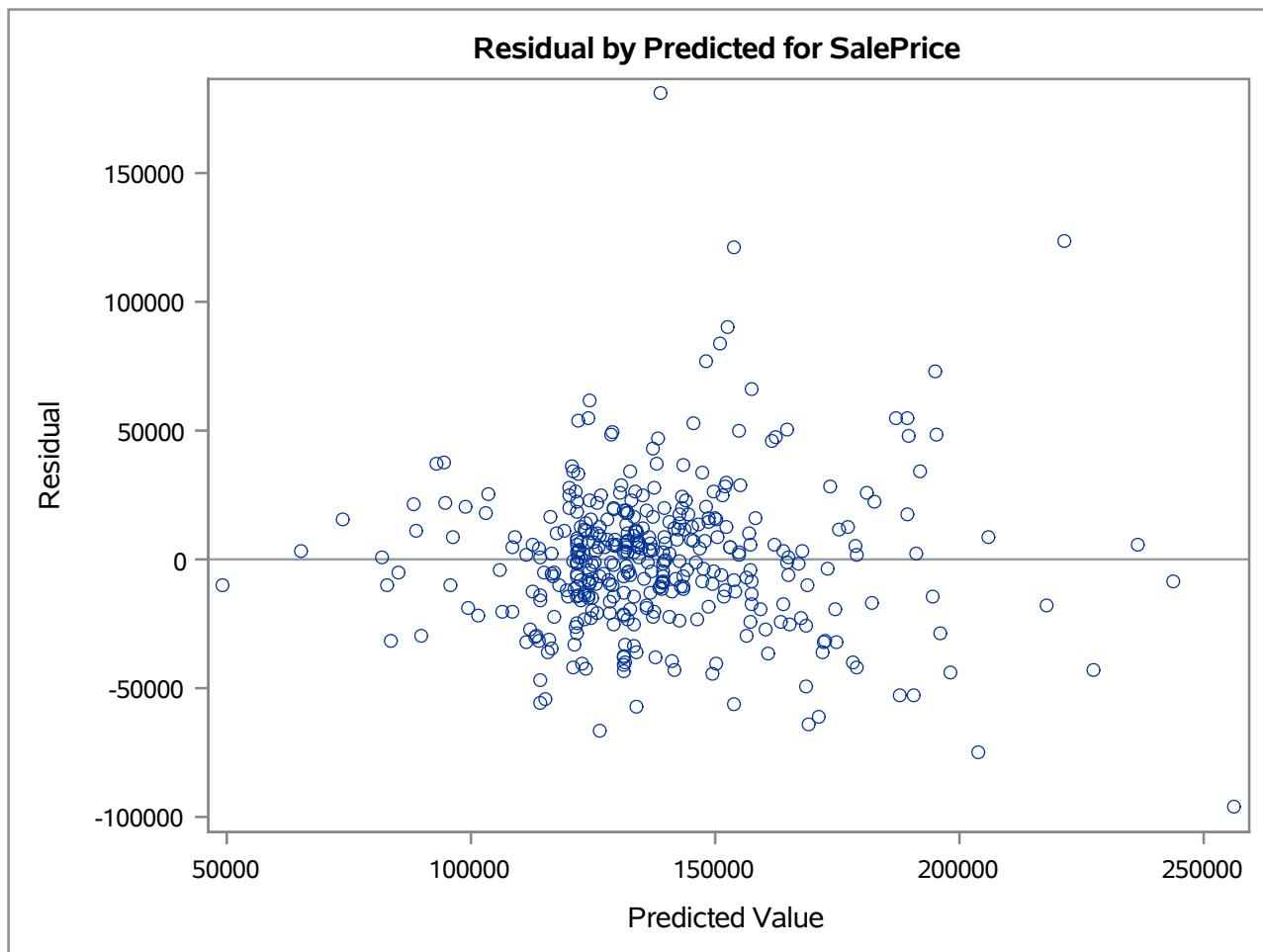
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



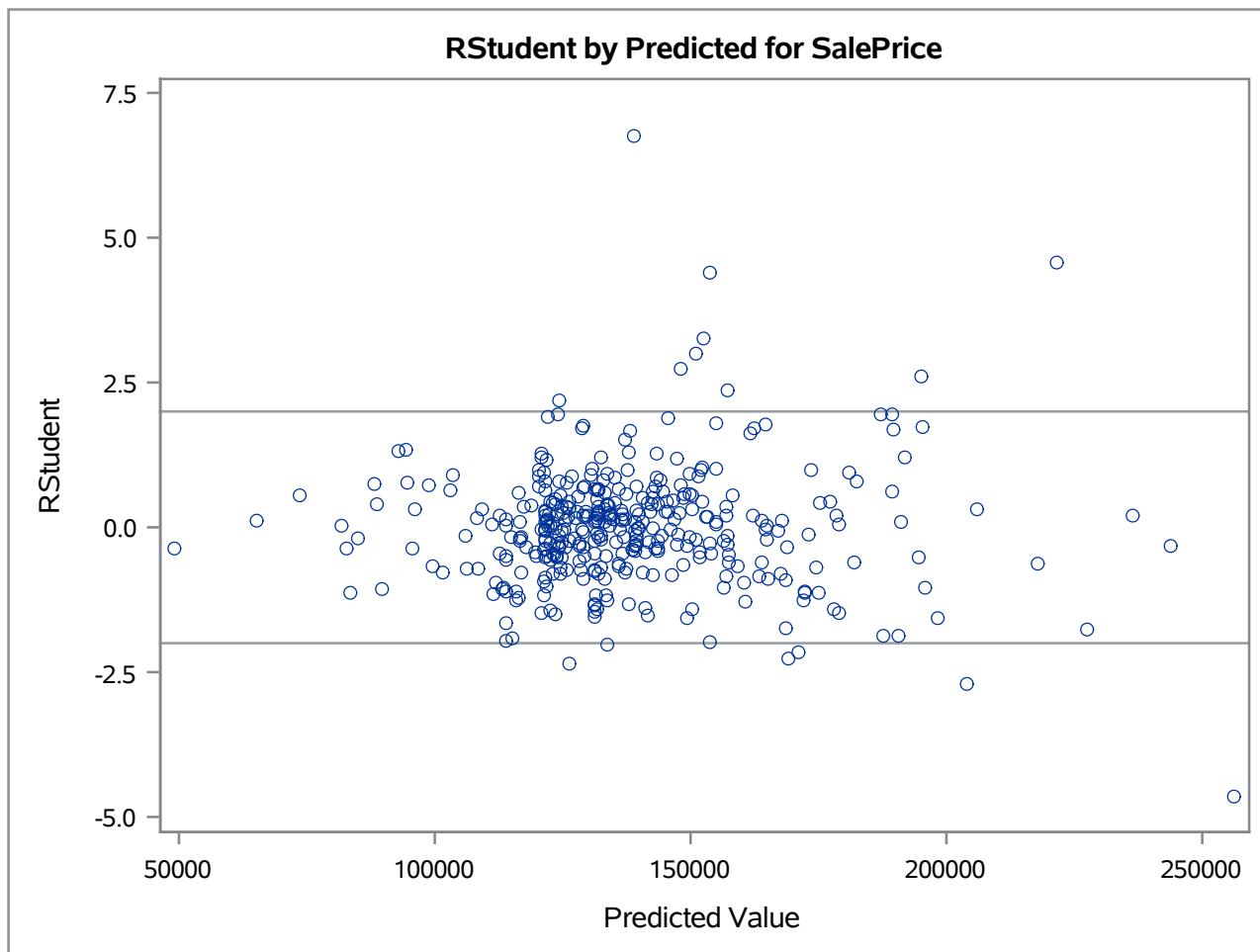
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



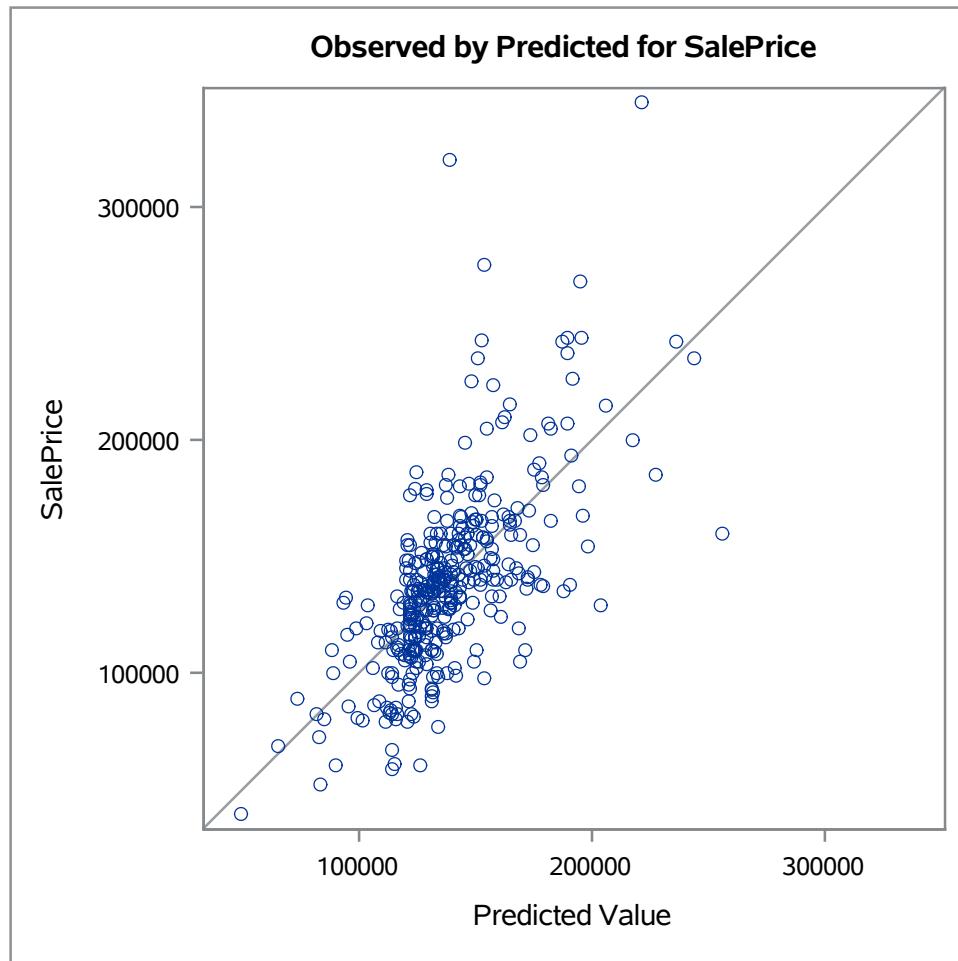
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



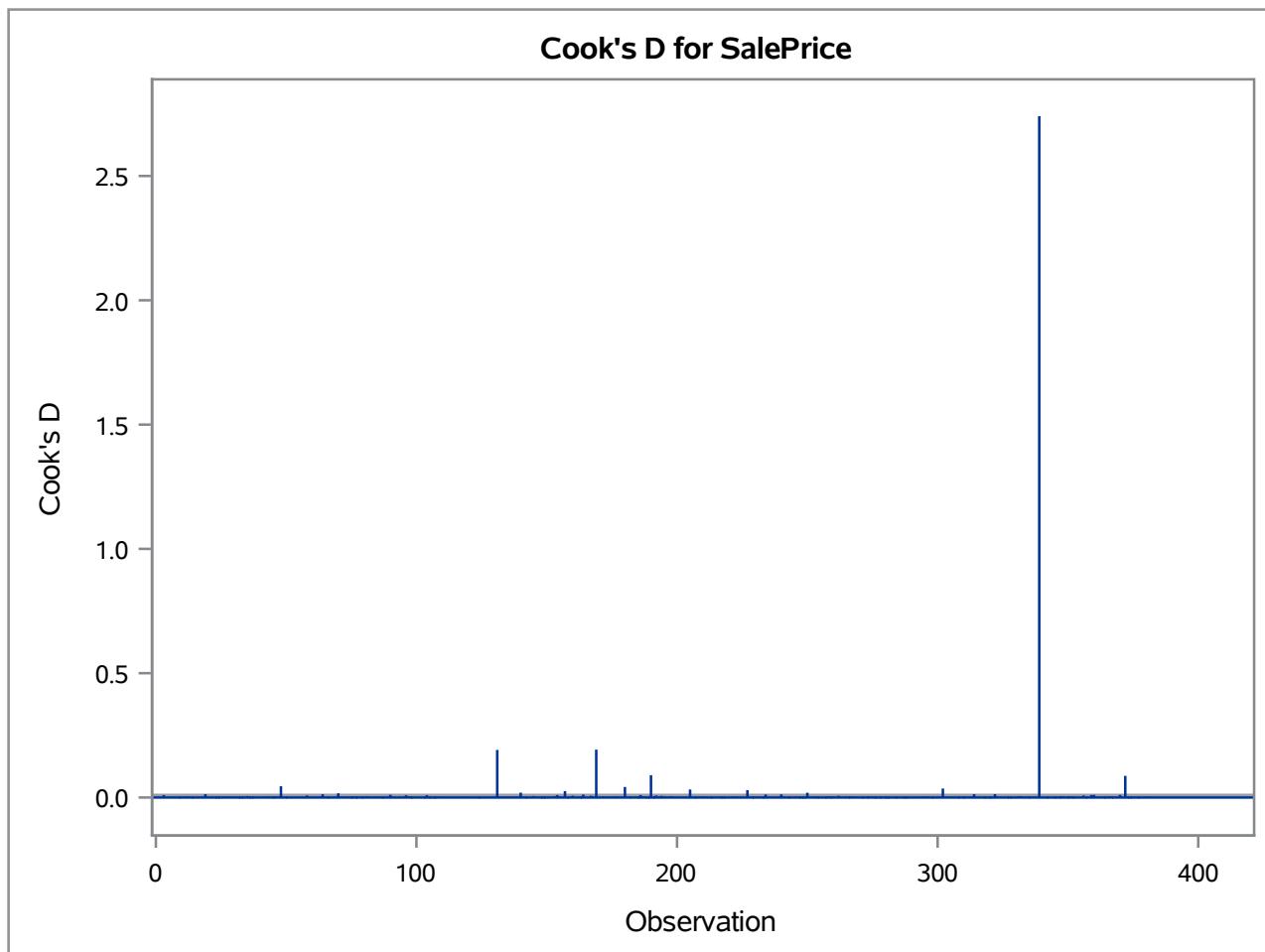
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



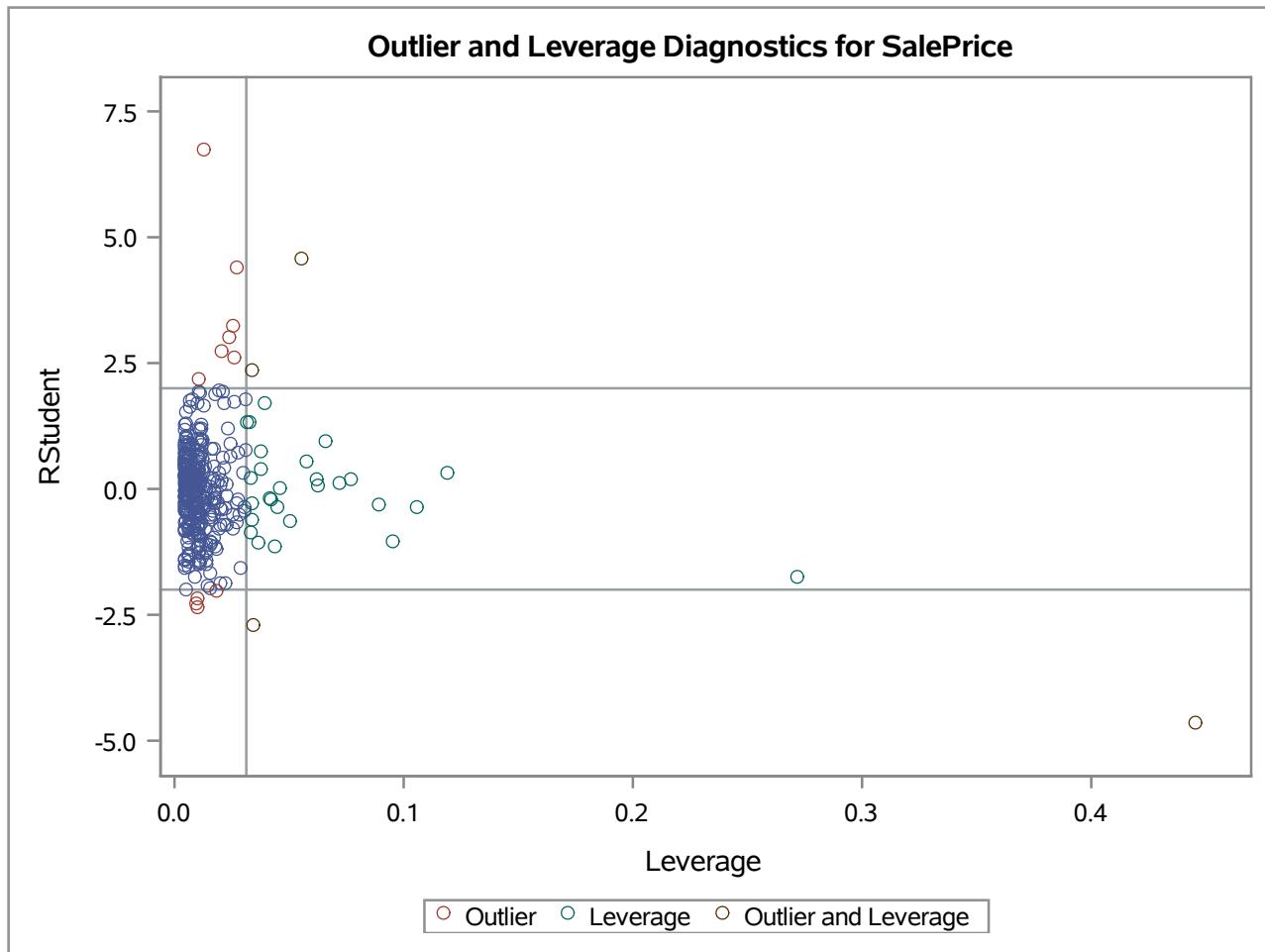
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



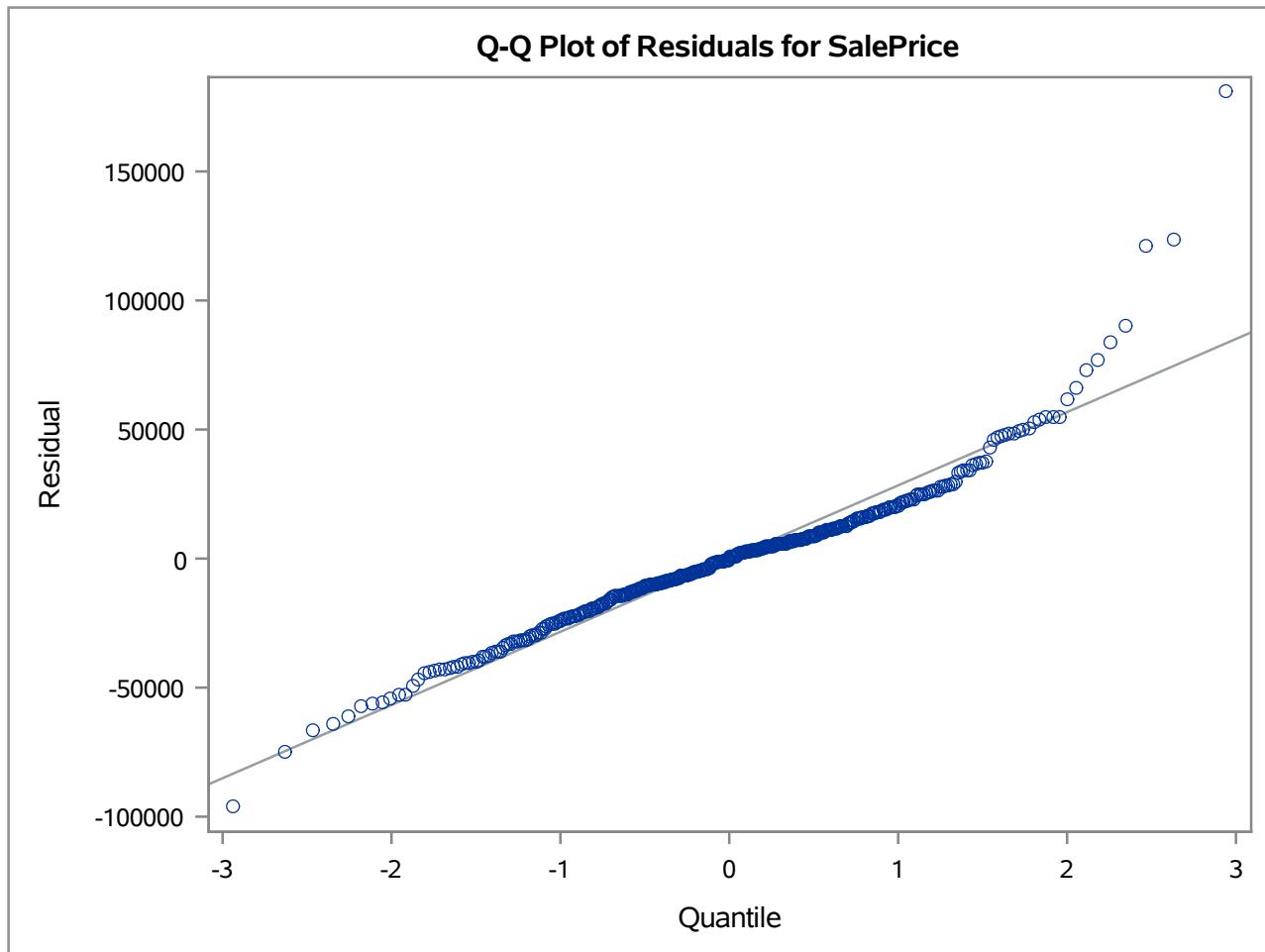
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



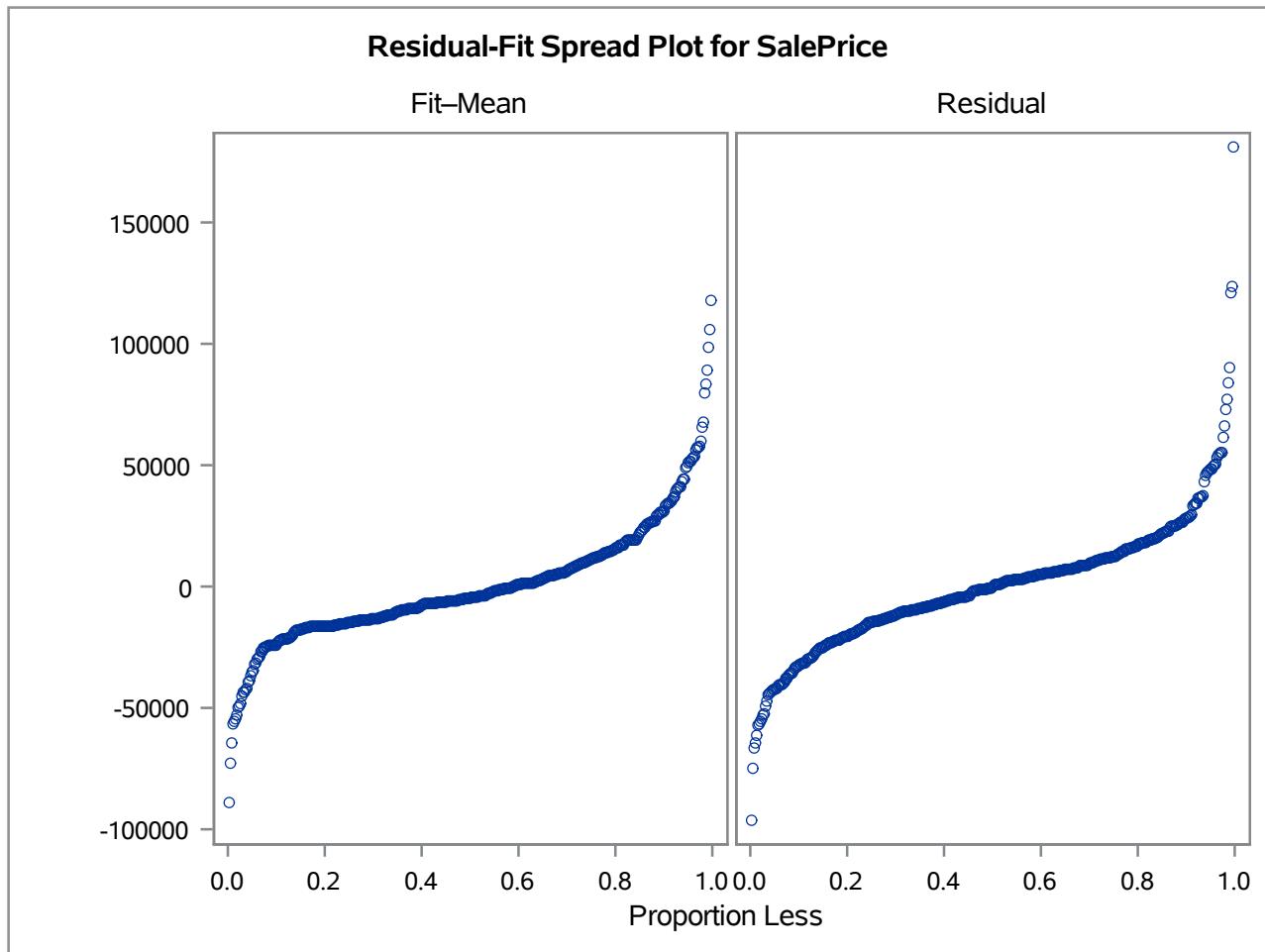
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



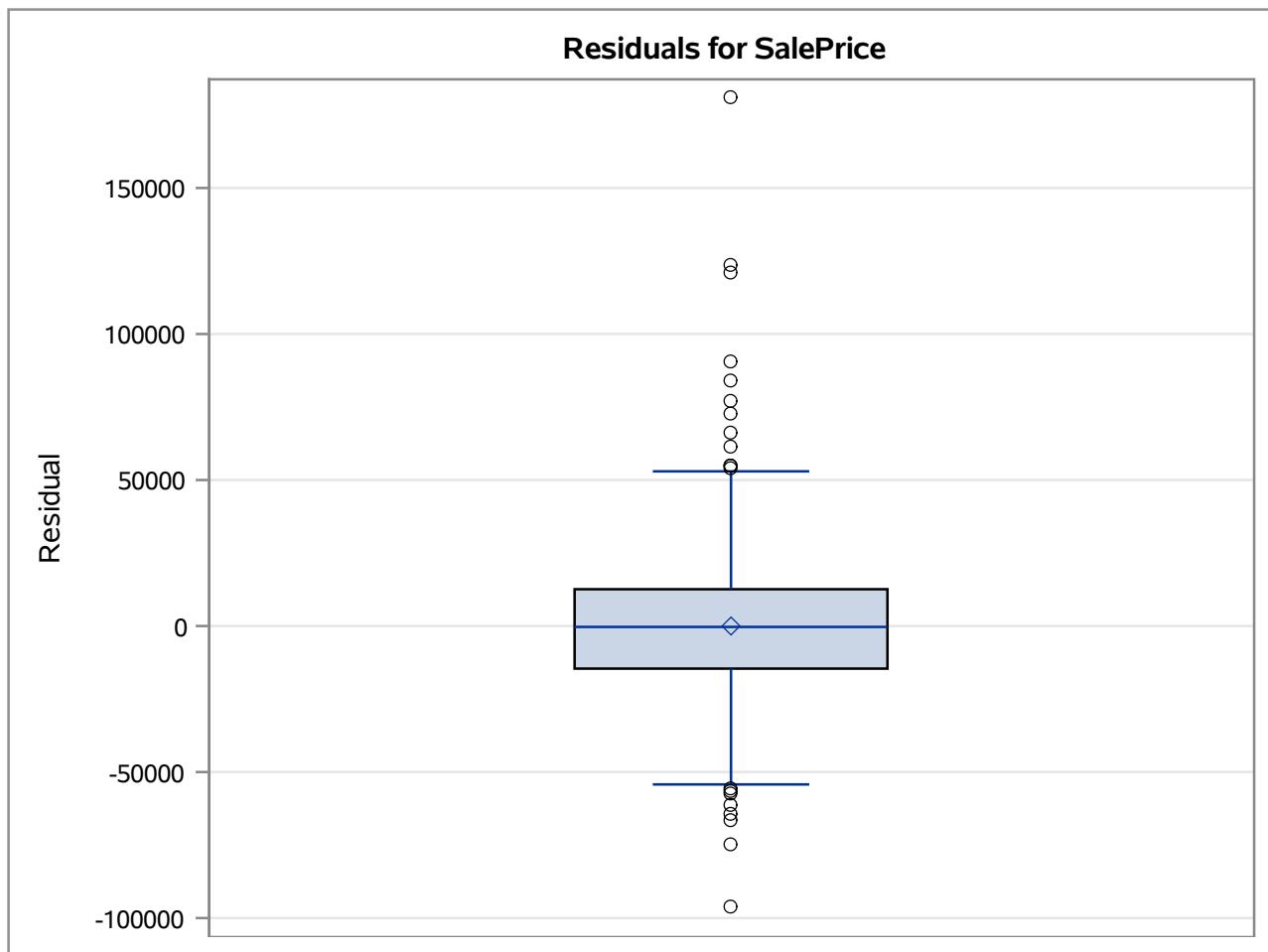
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



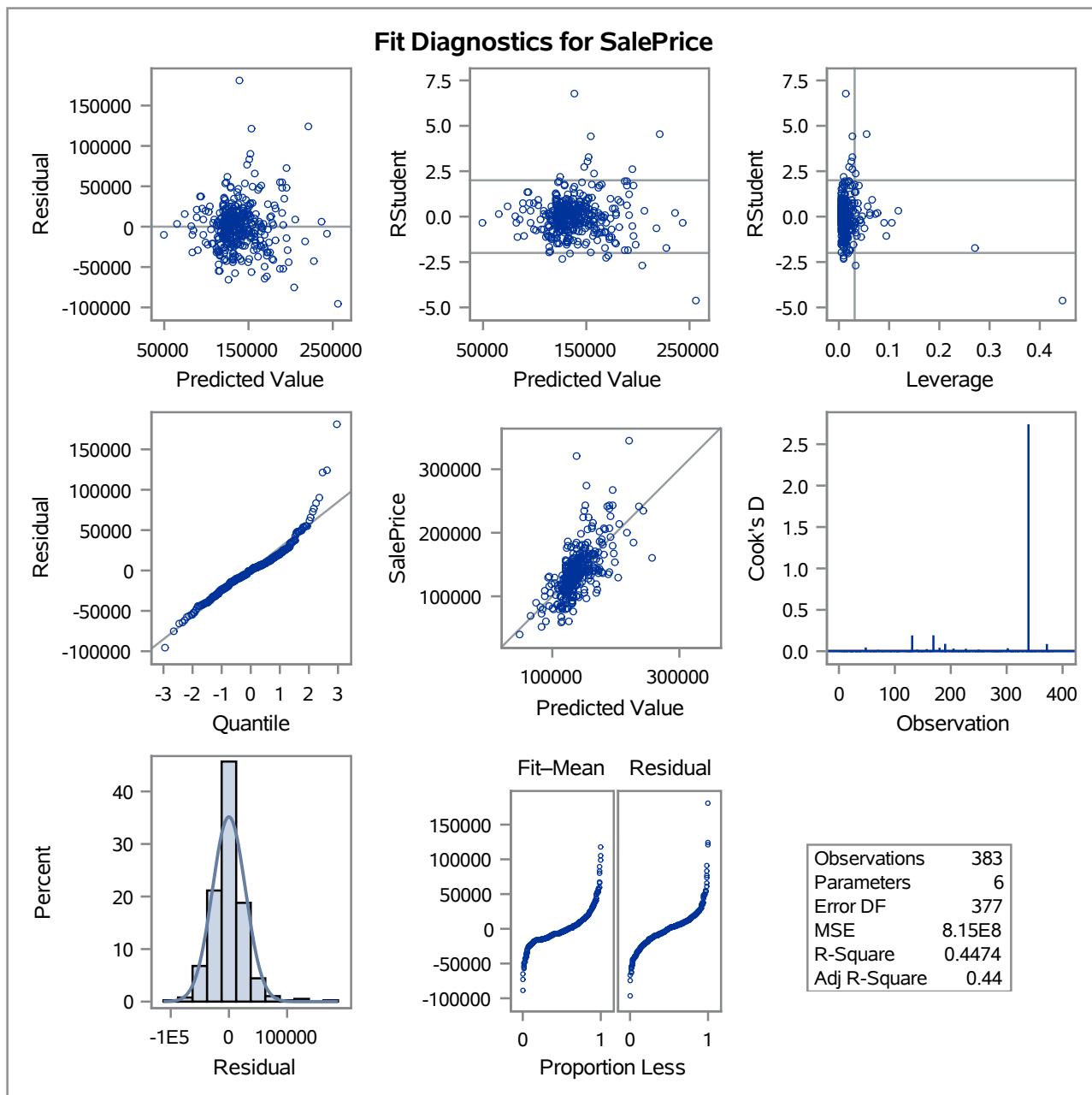
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



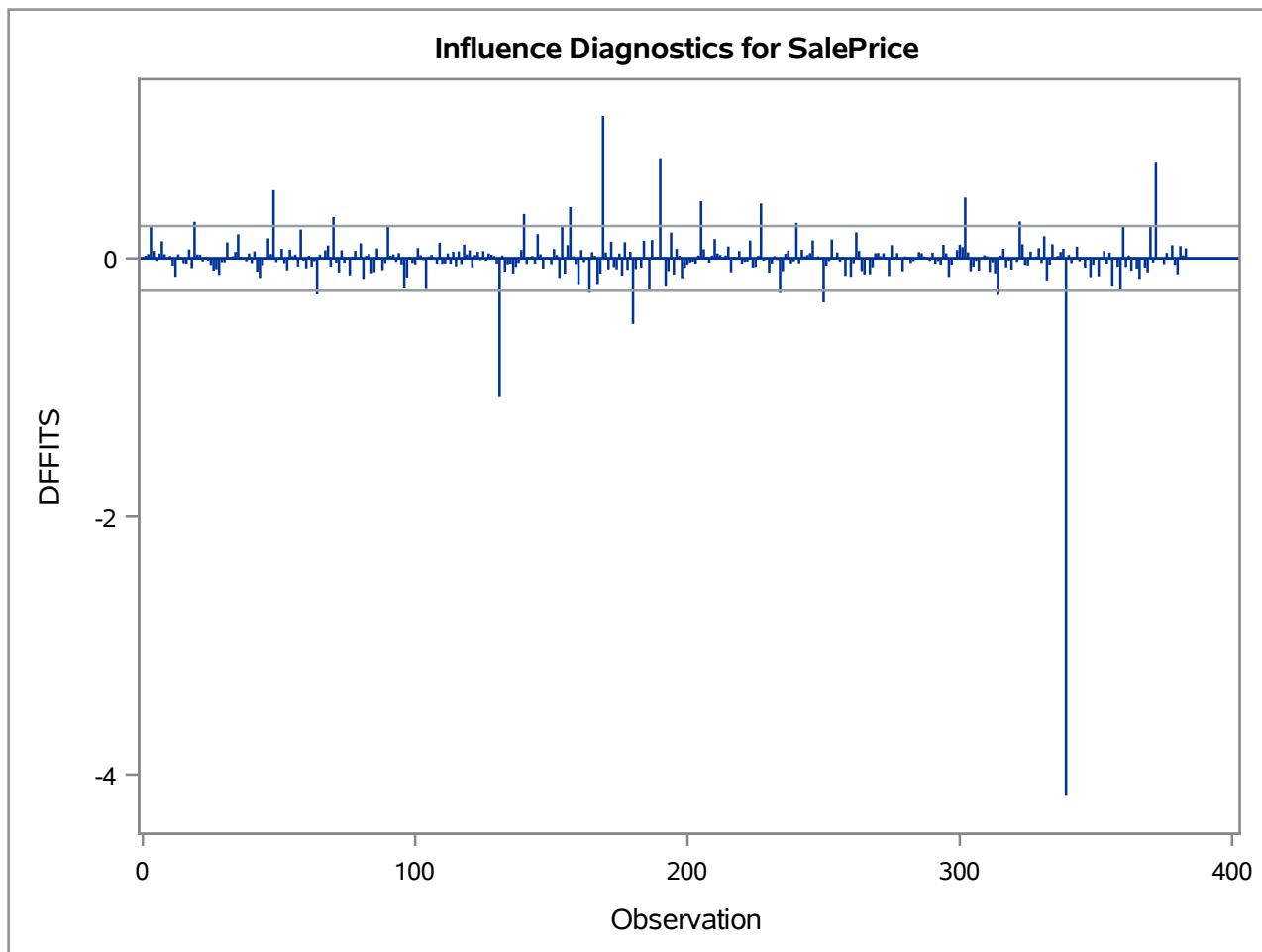
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



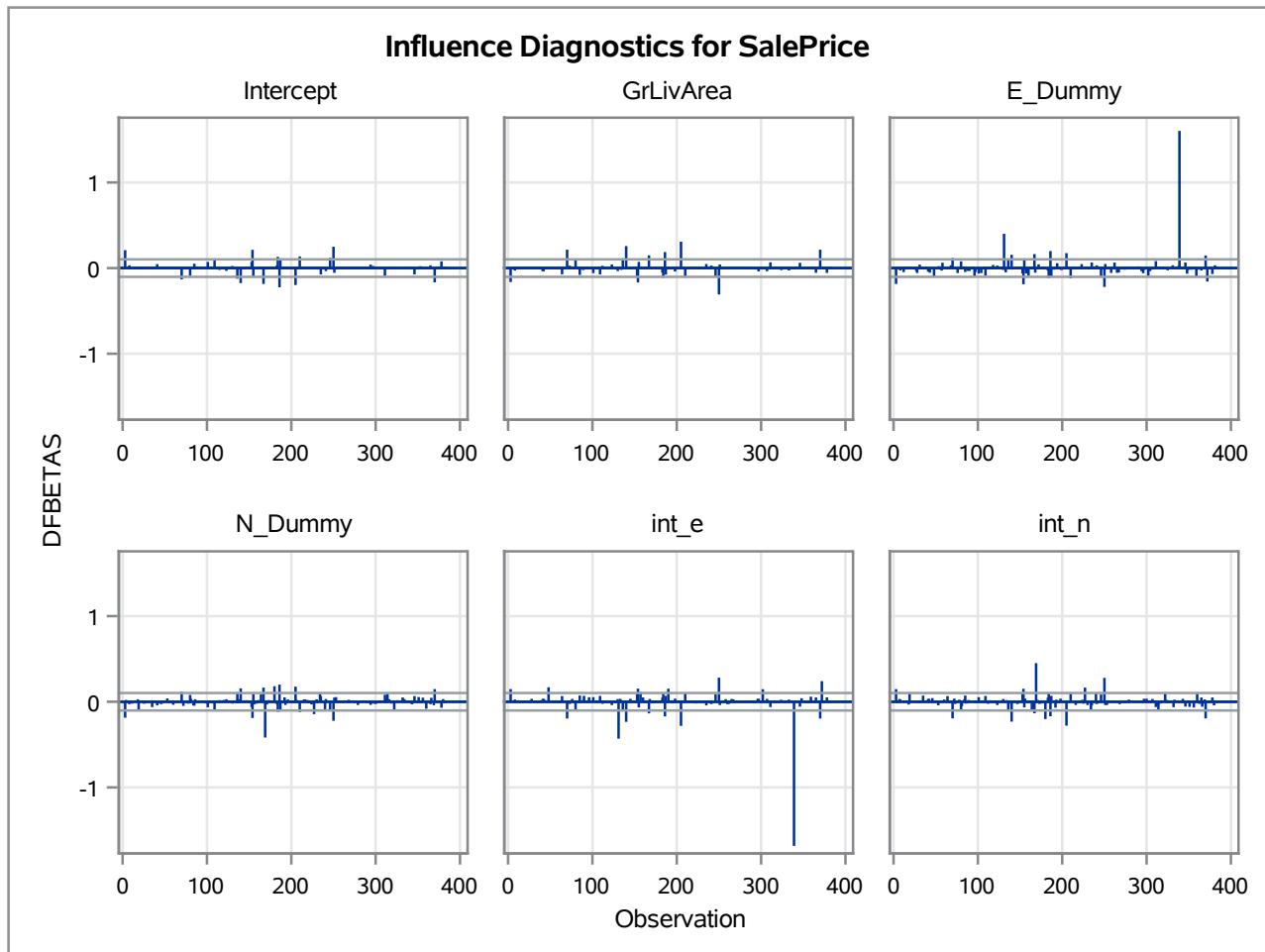
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



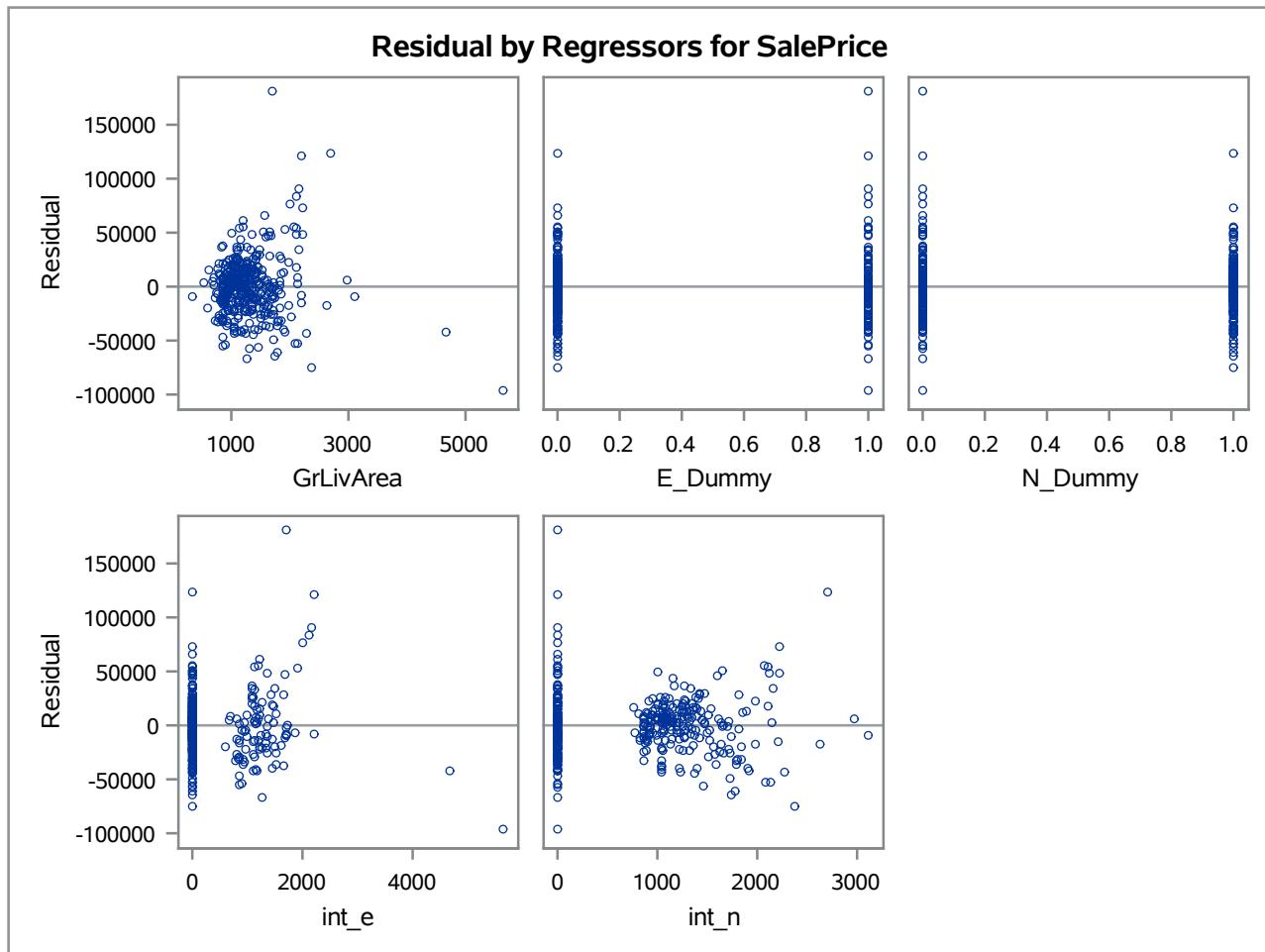
Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



Linear-Linear MLR with Dummy and Interactions with Influential Point 1299

The REG Procedure
 Model: MODEL1
 Dependent Variable: SalePrice



Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice

Number of Observations Read	382
Number of Observations Used	382

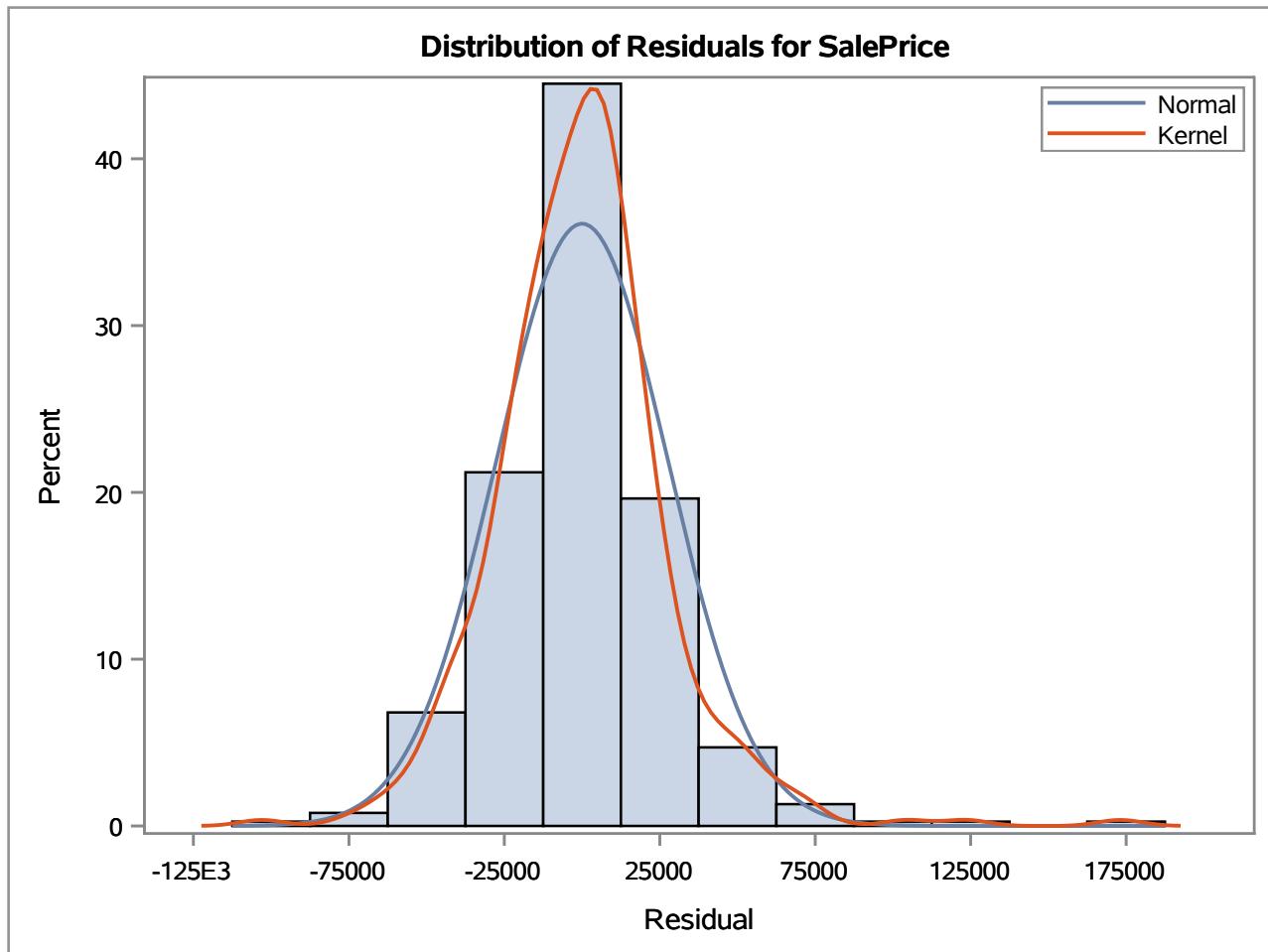
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	2.650162E11	53003234724	68.57	<.0001
Error	376	2.906534E11	773014472		
Corrected Total	381	5.556696E11			

Root MSE	27803	R-Square	0.4769
Dependent Mean	138005	Adj R-Sq	0.4700
Coeff Var	20.14646		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	19972	12027	1.66	0.0976
GrLivArea	1	87.16253	9.52530	9.15	<.0001
E_Dummy	1	46585	14389	3.24	0.0013
N_Dummy	1	54705	13518	4.05	<.0001
int_e	1	-39.85230	11.09962	-3.59	0.0004
int_n	1	-32.84667	10.53160	-3.12	0.0020

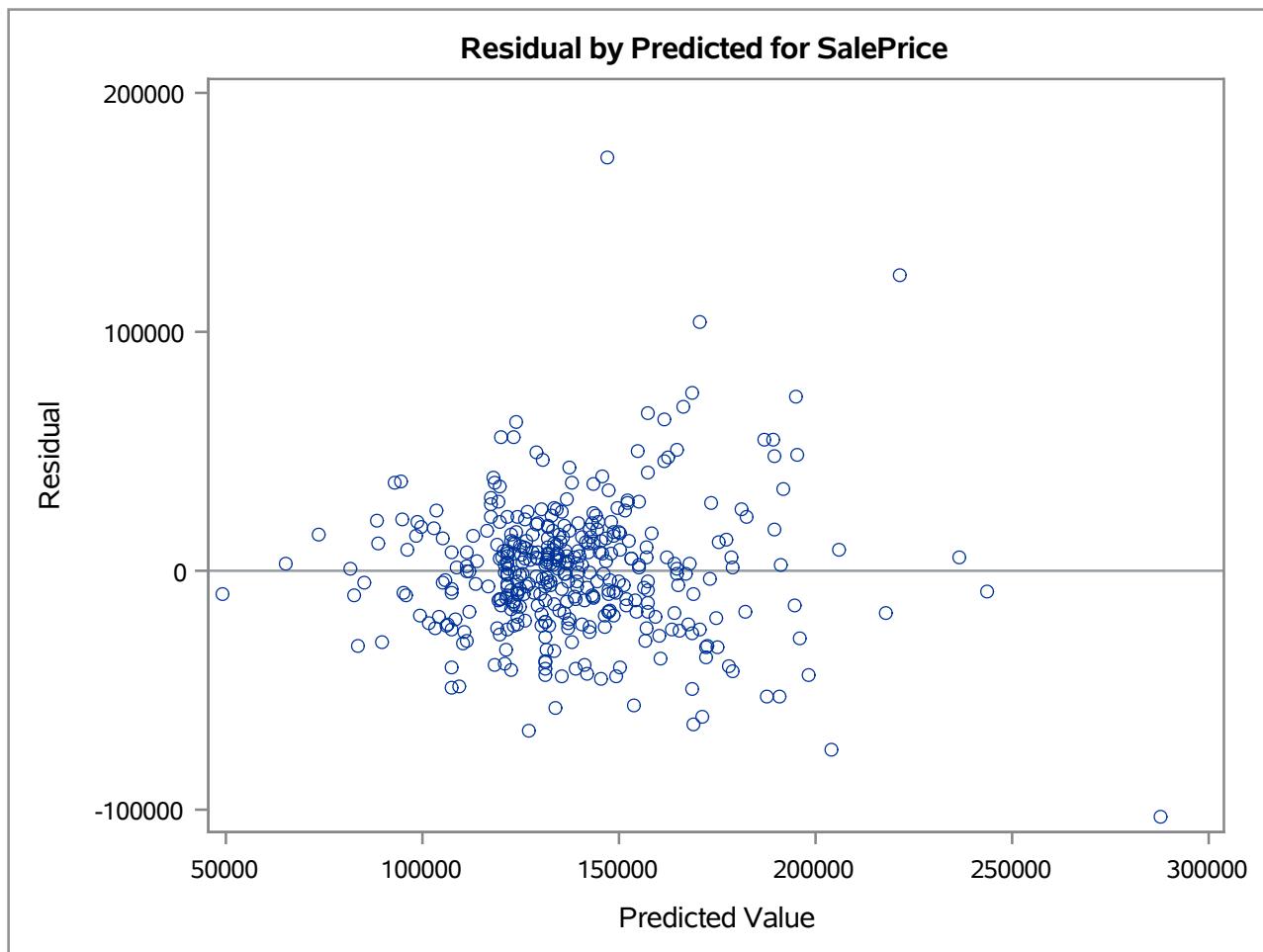
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



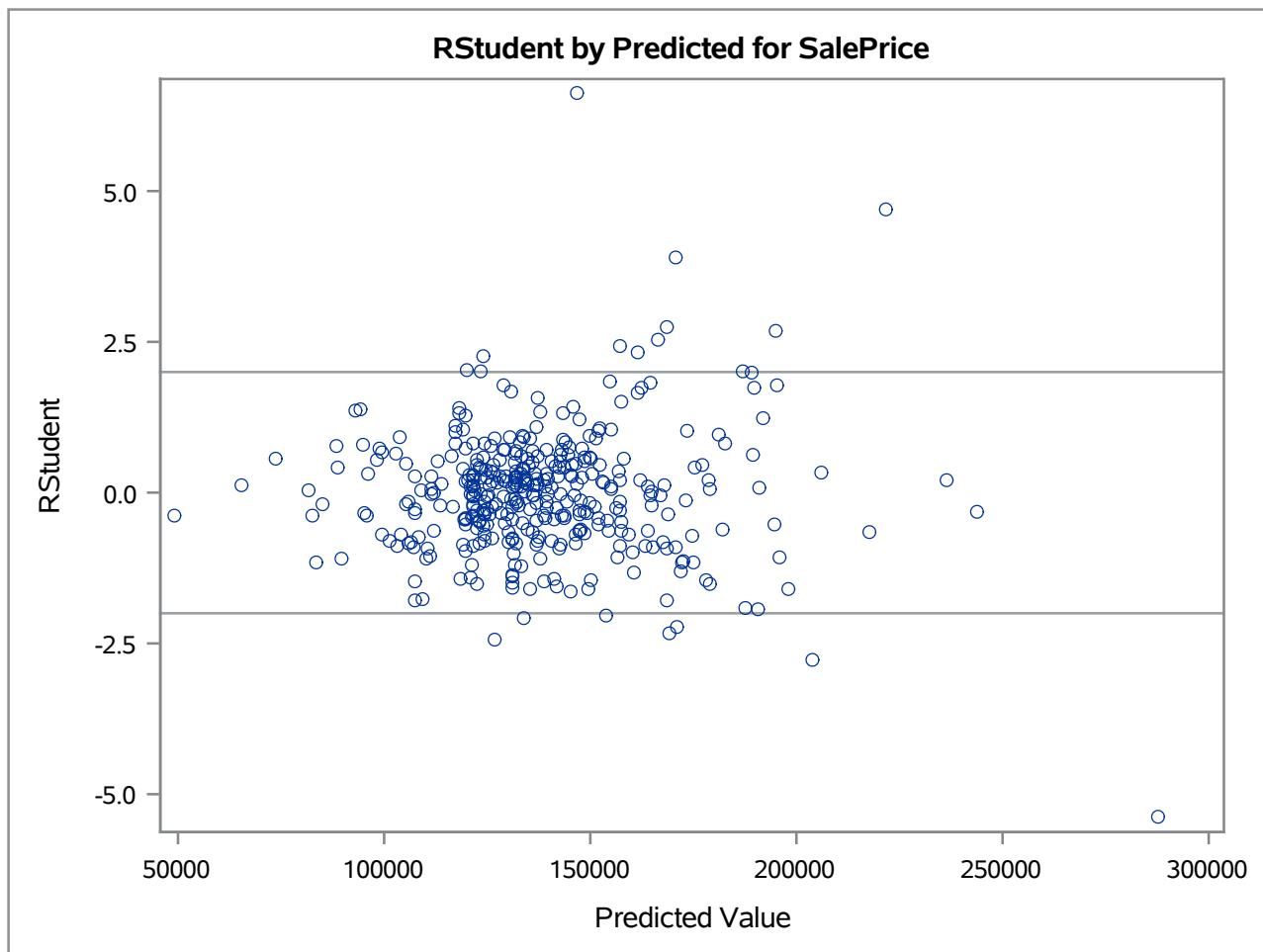
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



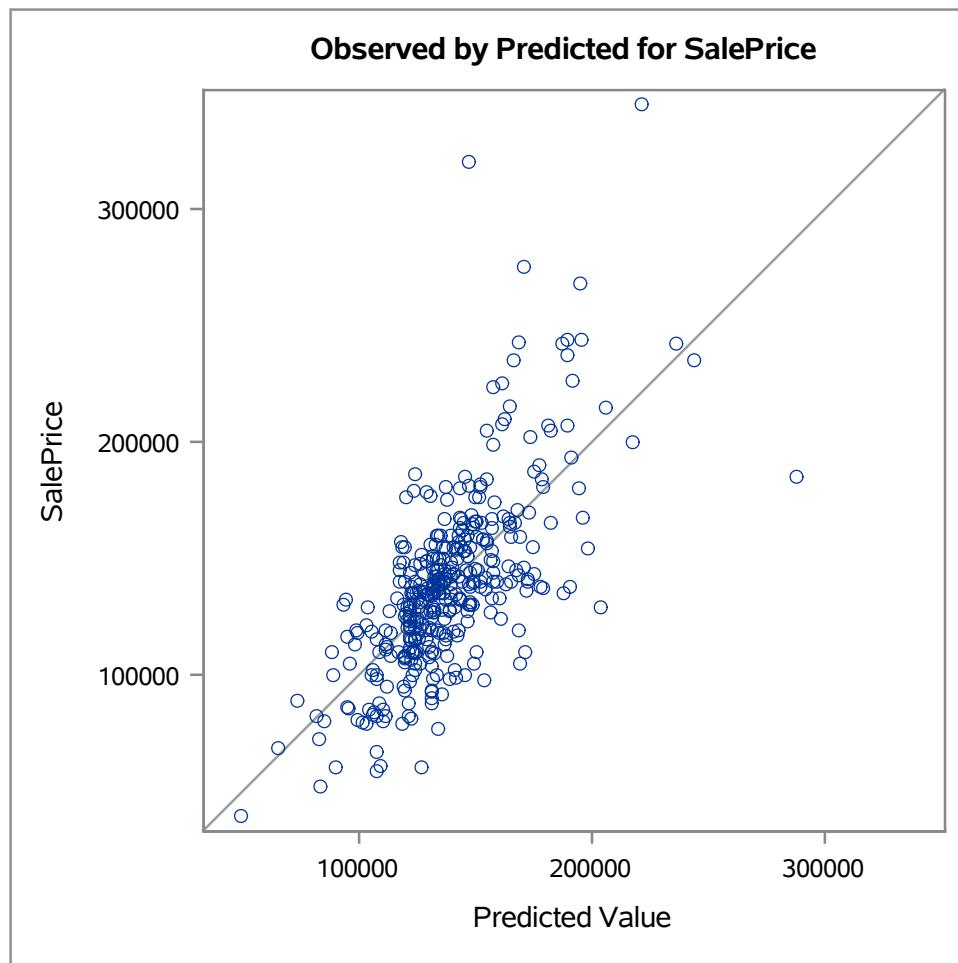
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



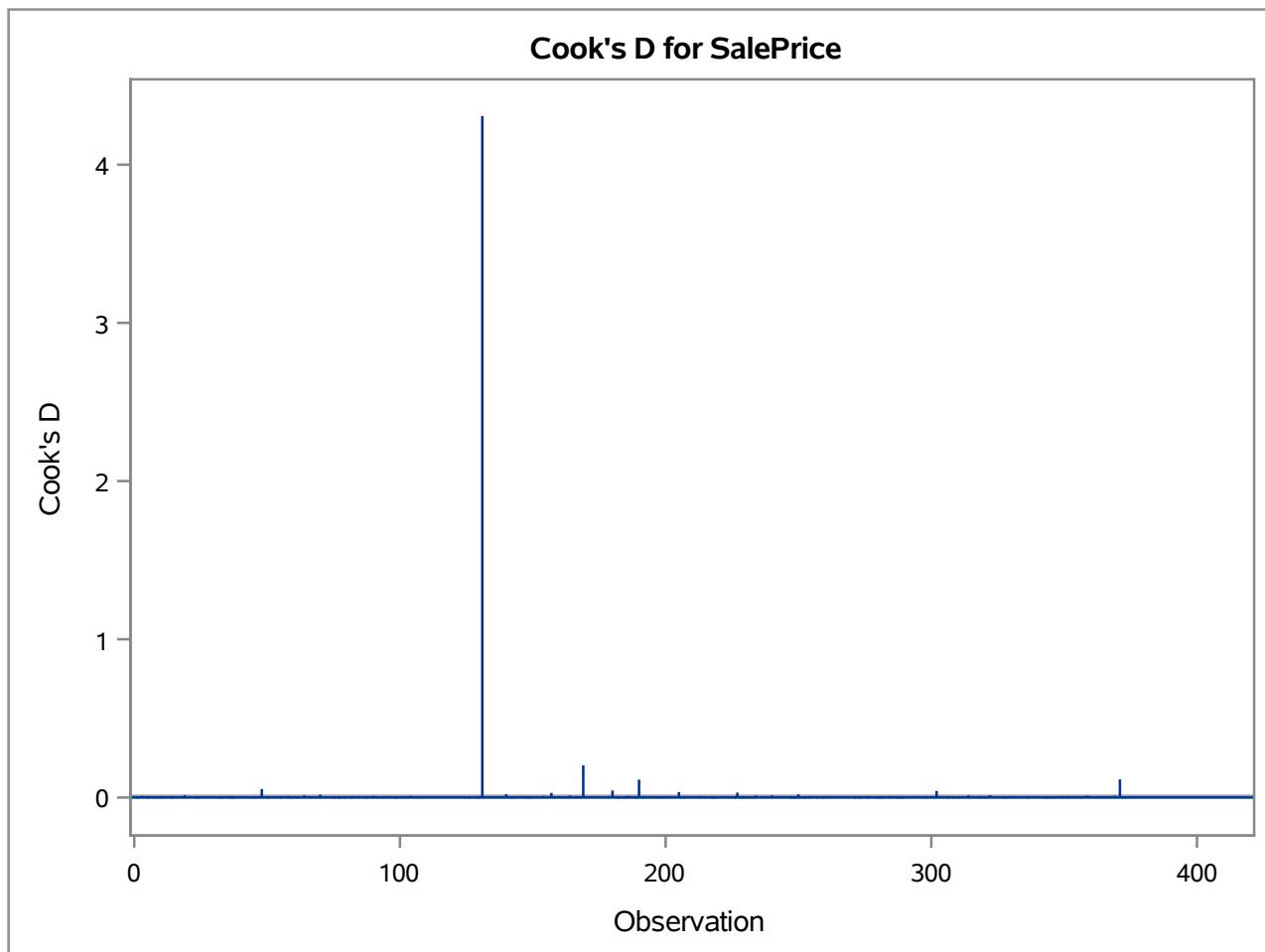
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



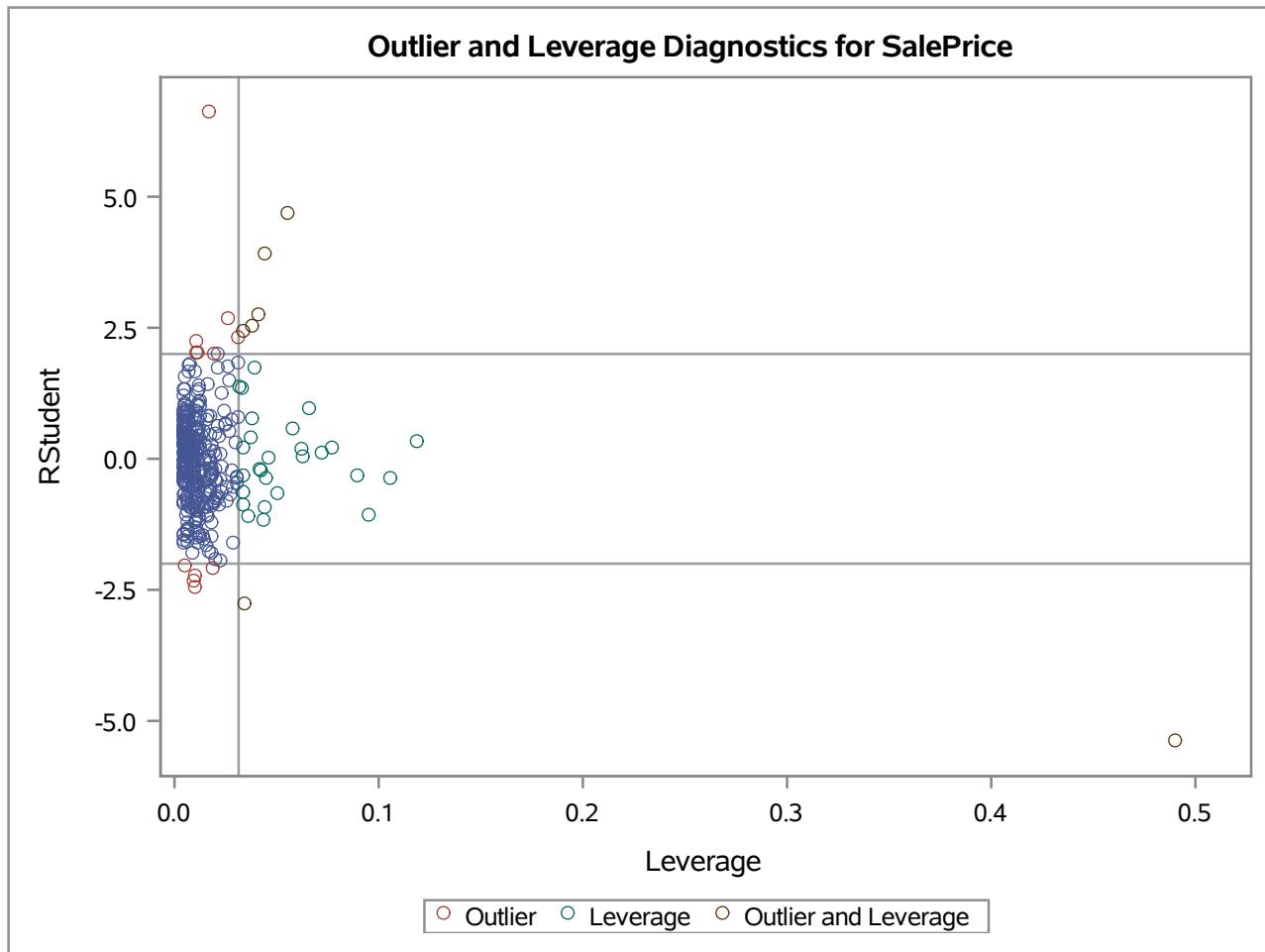
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



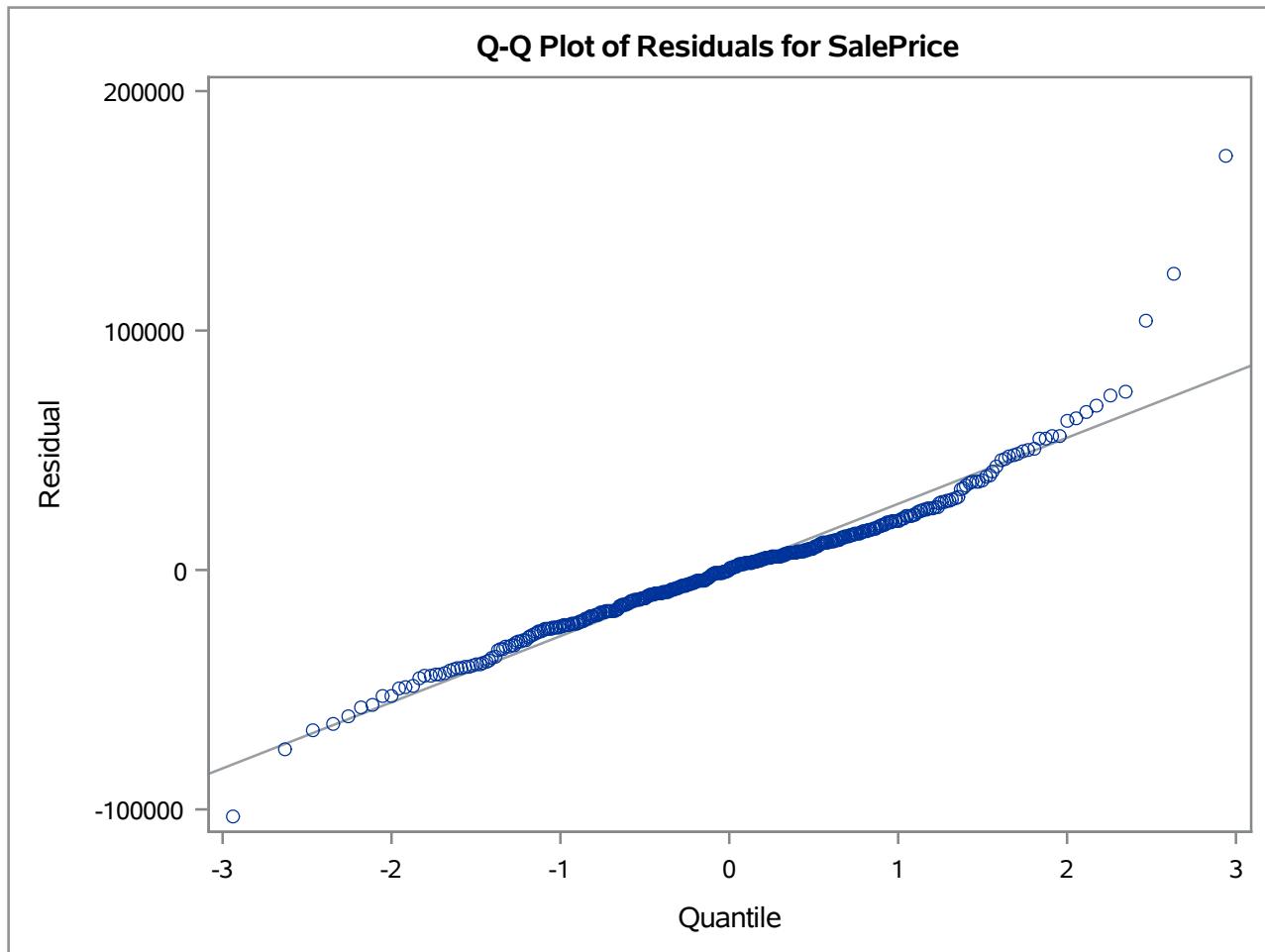
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



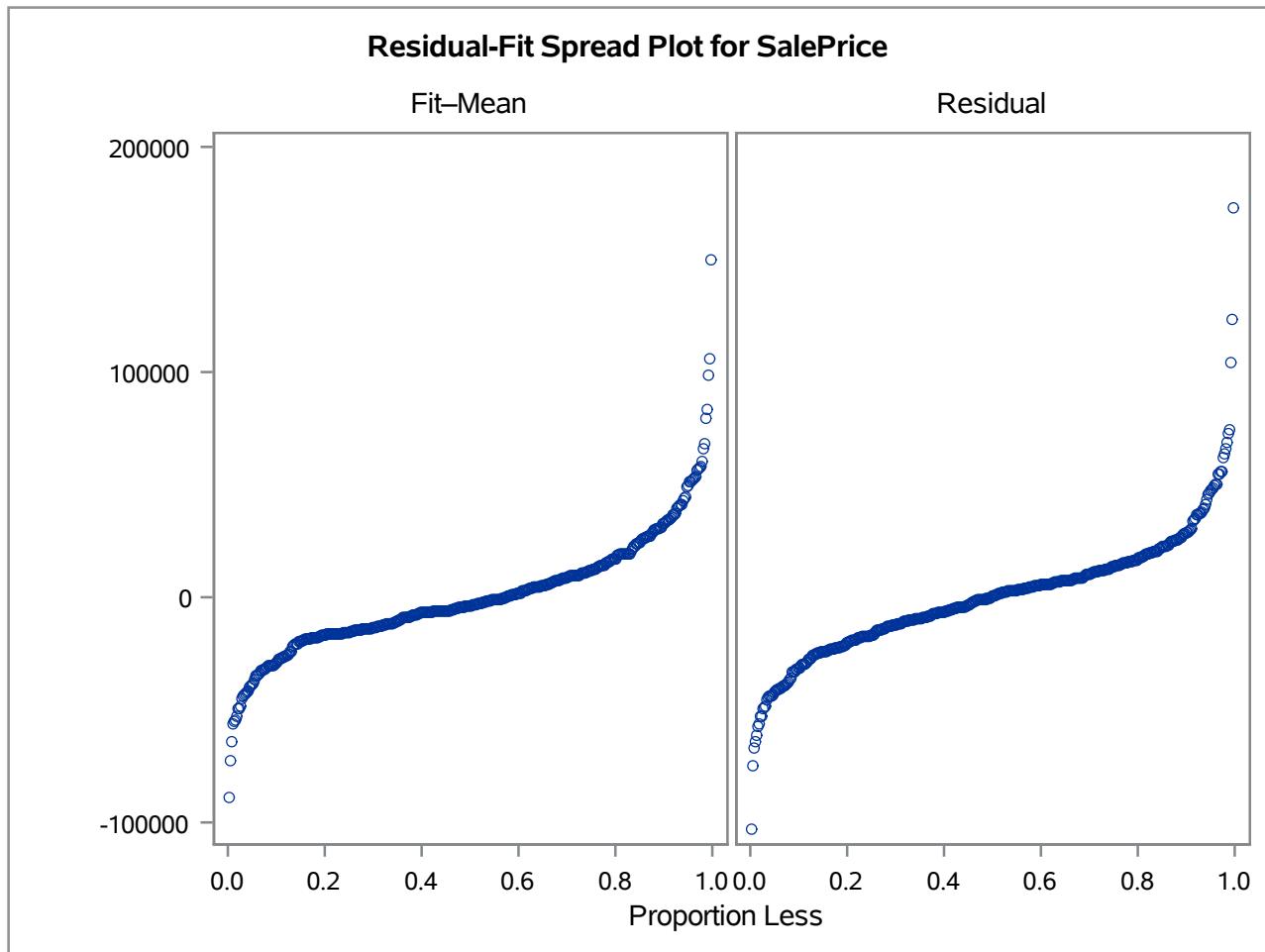
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



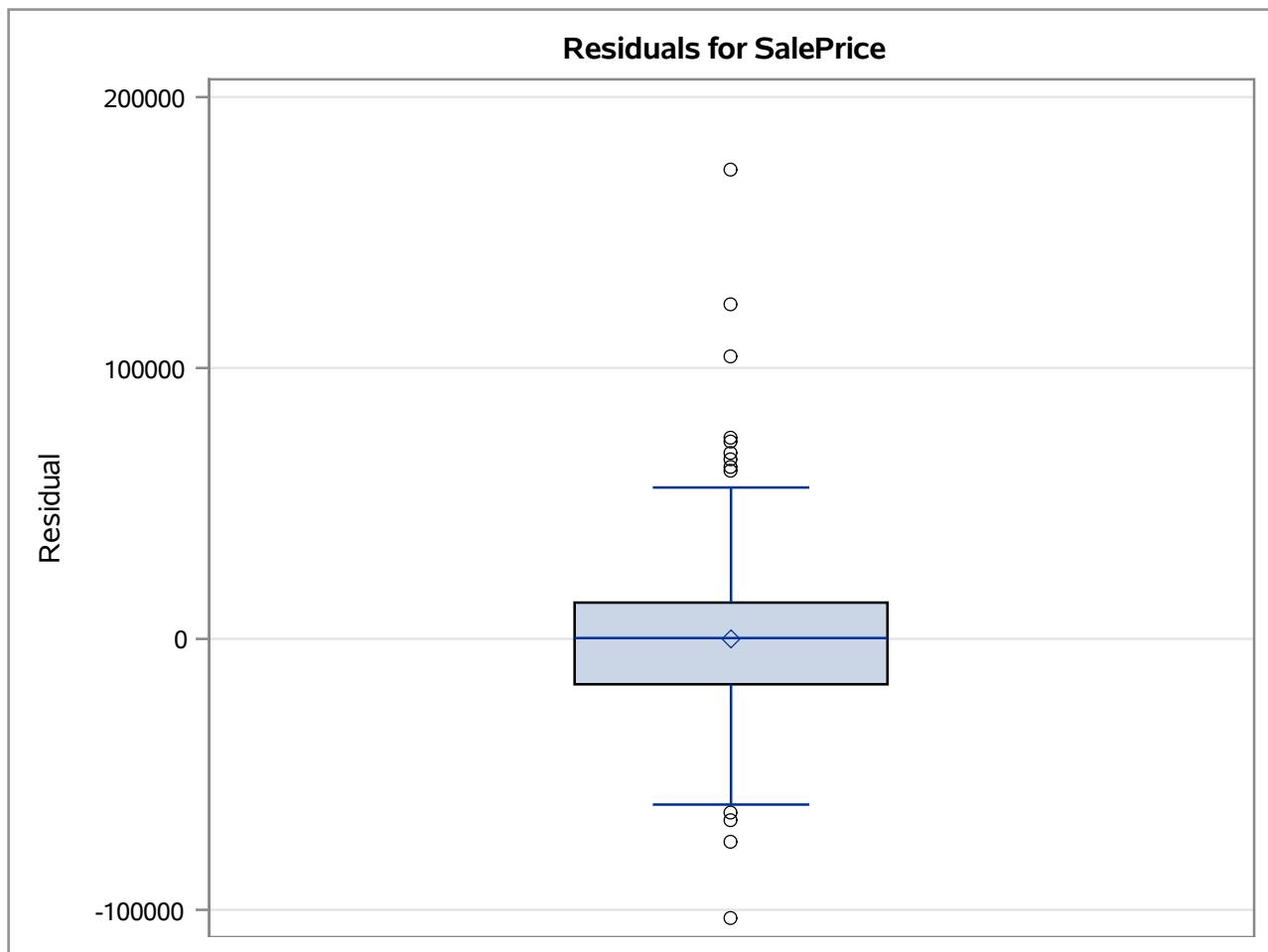
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



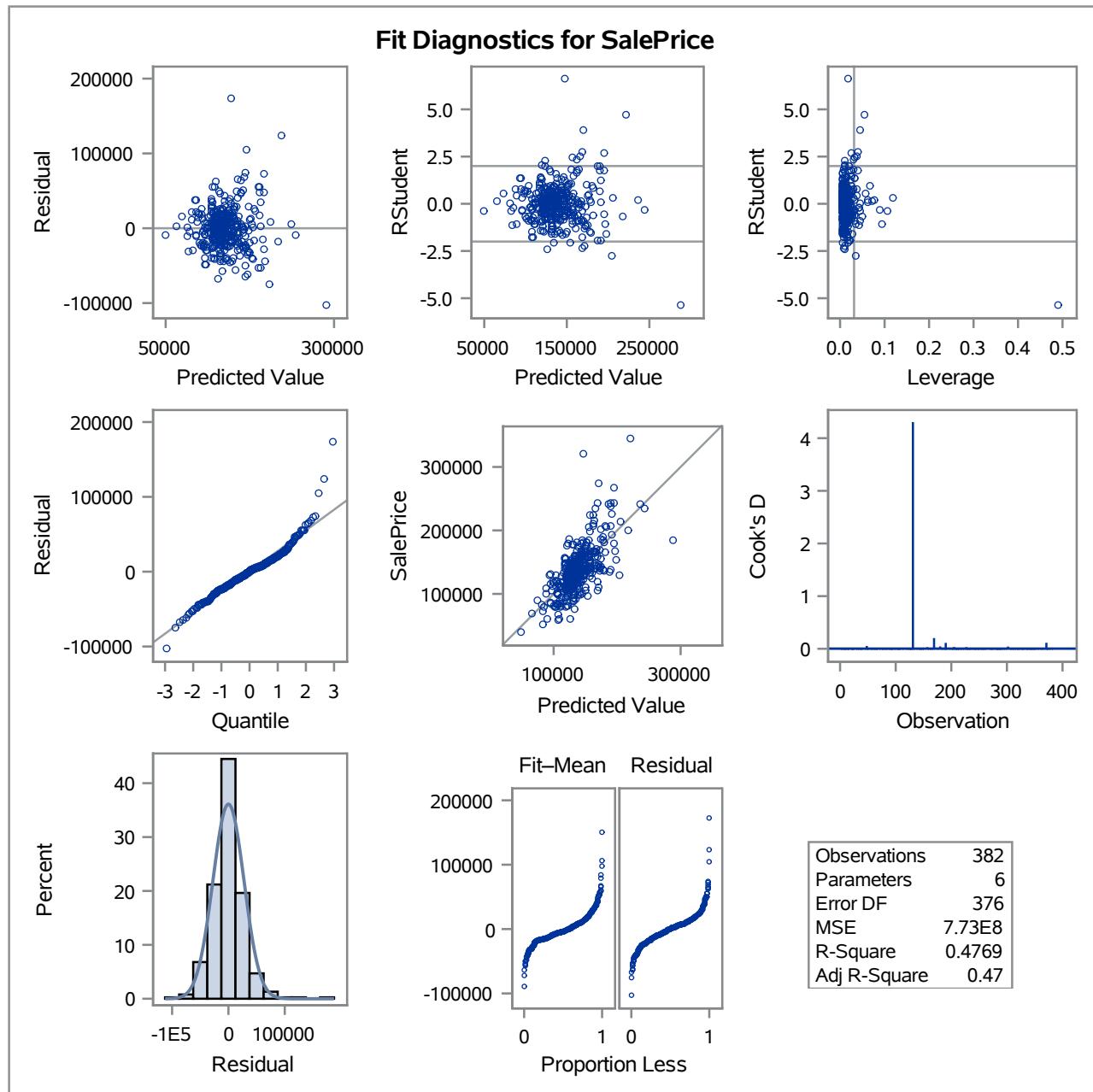
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



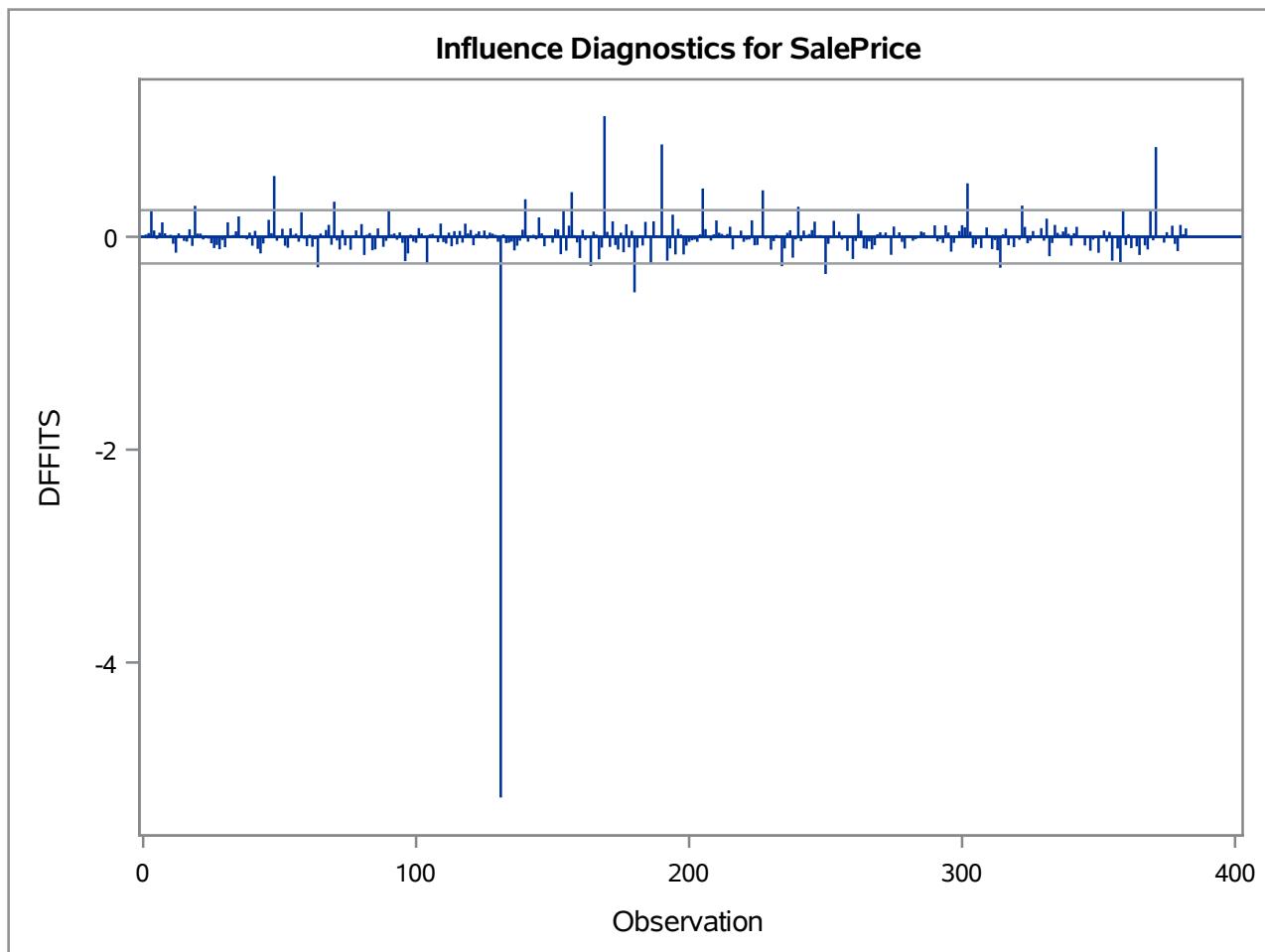
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



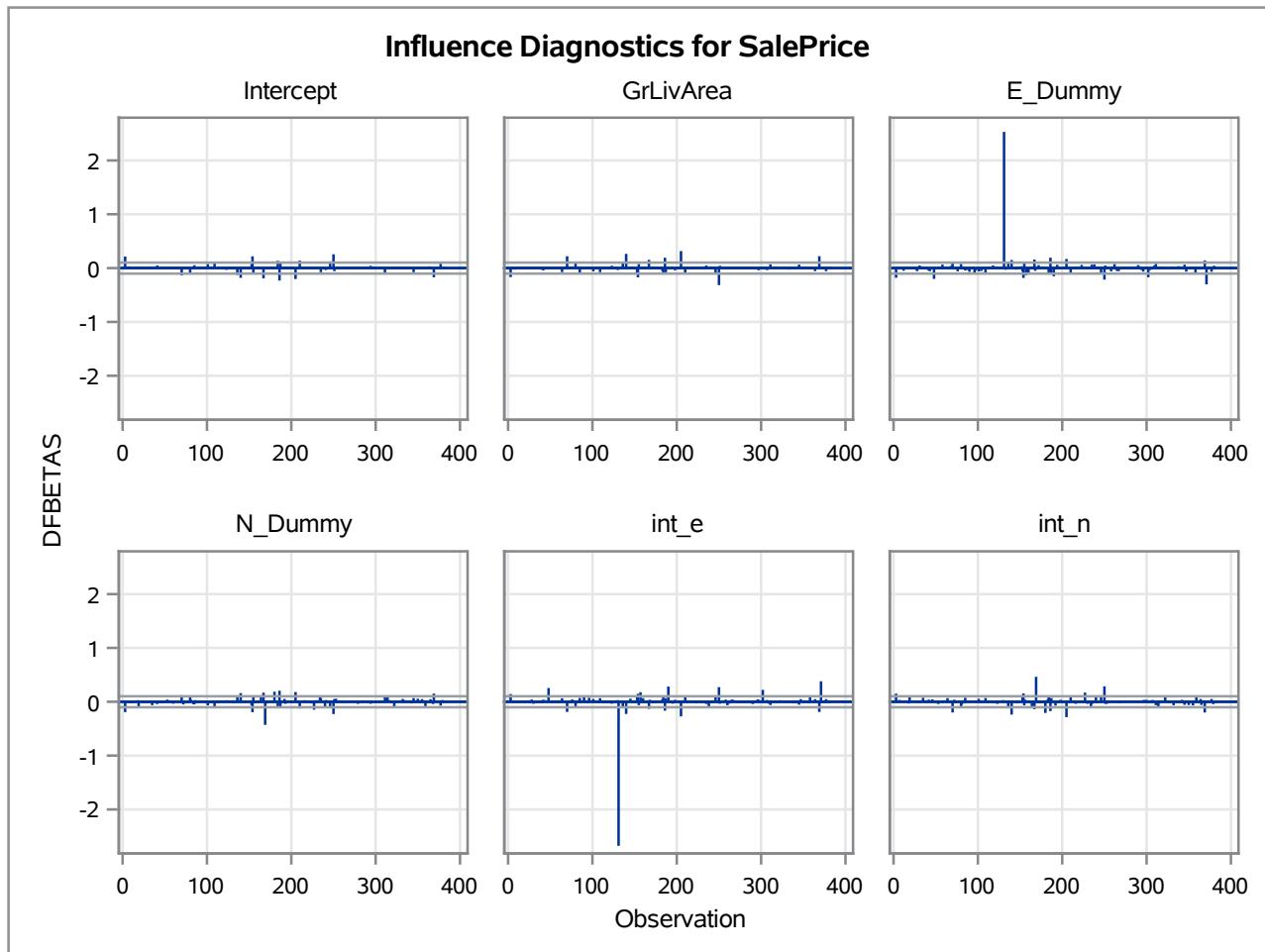
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



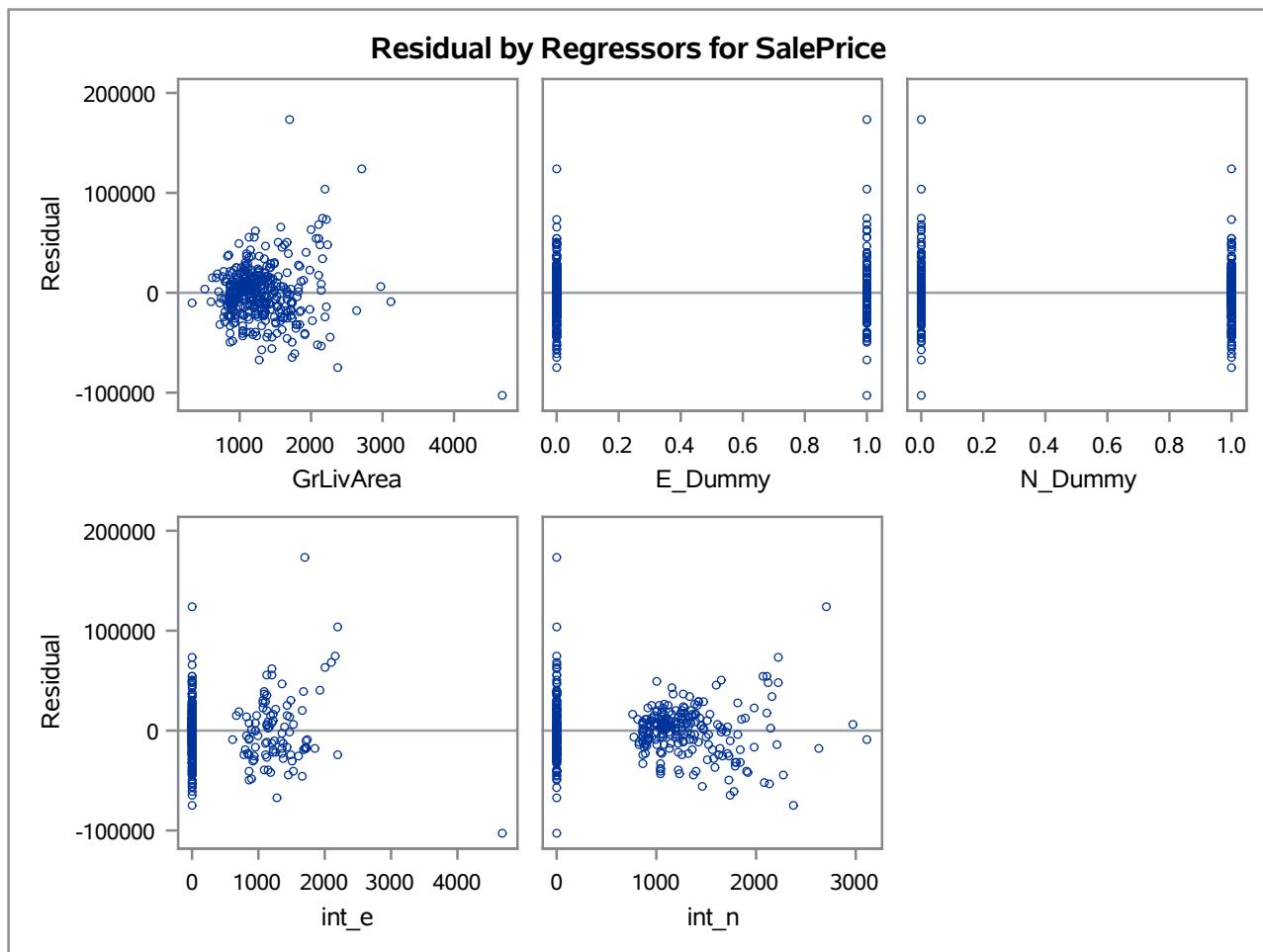
Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



Linear-Linear MLR with Dummy and Interactions w/o Influential Point 1299

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



Log-Linear MLR with Dummy and Interactions

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Number of Observations Read	383
Number of Observations Used	383

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	13.31148	2.66230	65.79	<.0001
Error	377	15.25484	0.04046		
Corrected Total	382	28.56633			

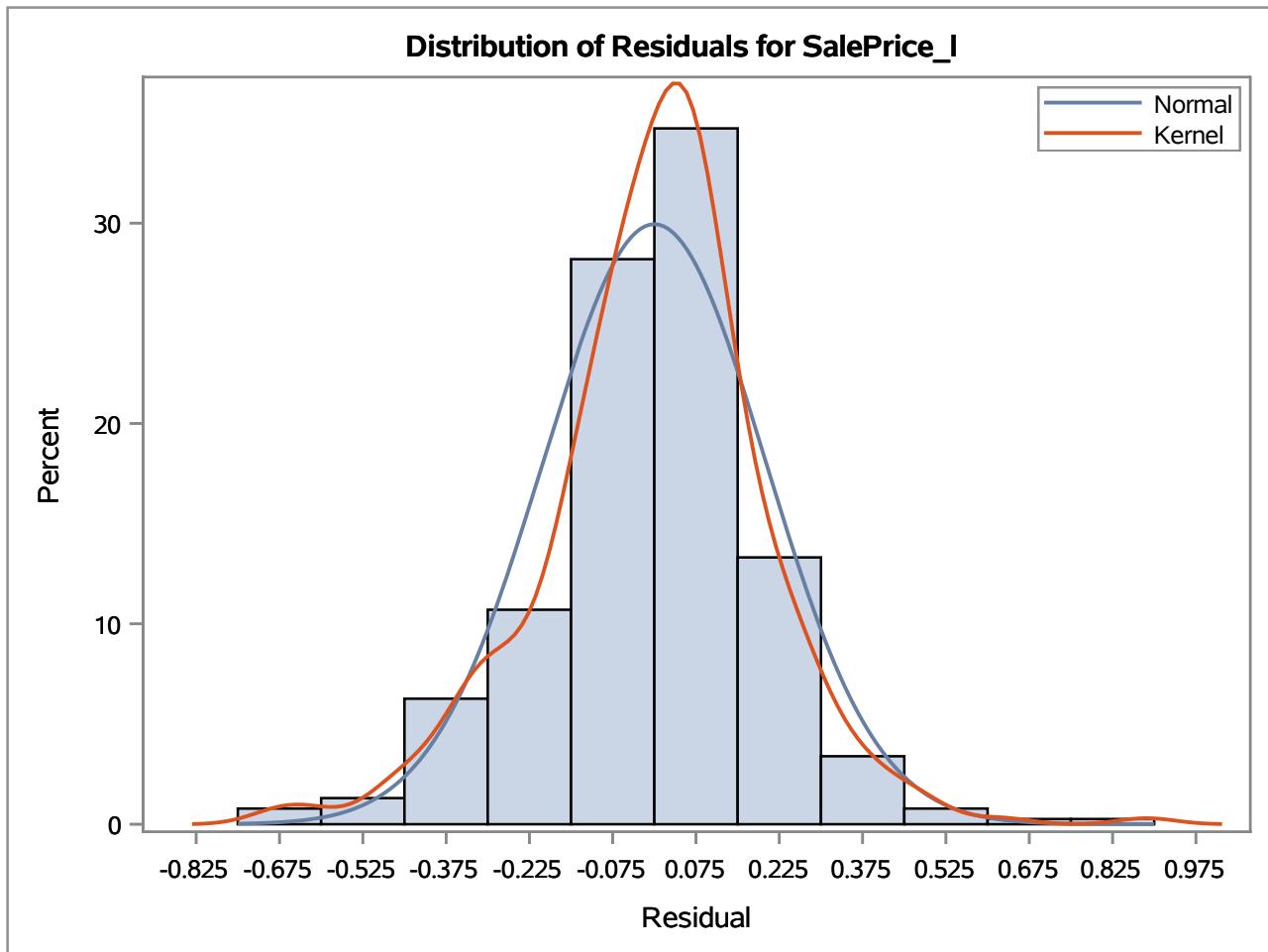
Root MSE	0.20116	R-Square	0.4660
Dependent Mean	11.79887	Adj R-Sq	0.4589
Coeff Var	1.70488		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	10.79159	0.08702	124.02	<.0001
GrLivArea	1	0.00073822	0.00006892	10.71	<.0001
E_Dummy	1	0.63035	0.09842	6.40	<.0001
N_Dummy	1	0.65175	0.09780	6.66	<.0001
int_e	1	-0.00052153	0.00007551	-6.91	<.0001
int_n	1	-0.00041410	0.00007620	-5.43	<.0001

Log-Linear MLR with Dummy and Interactions**The REG Procedure**

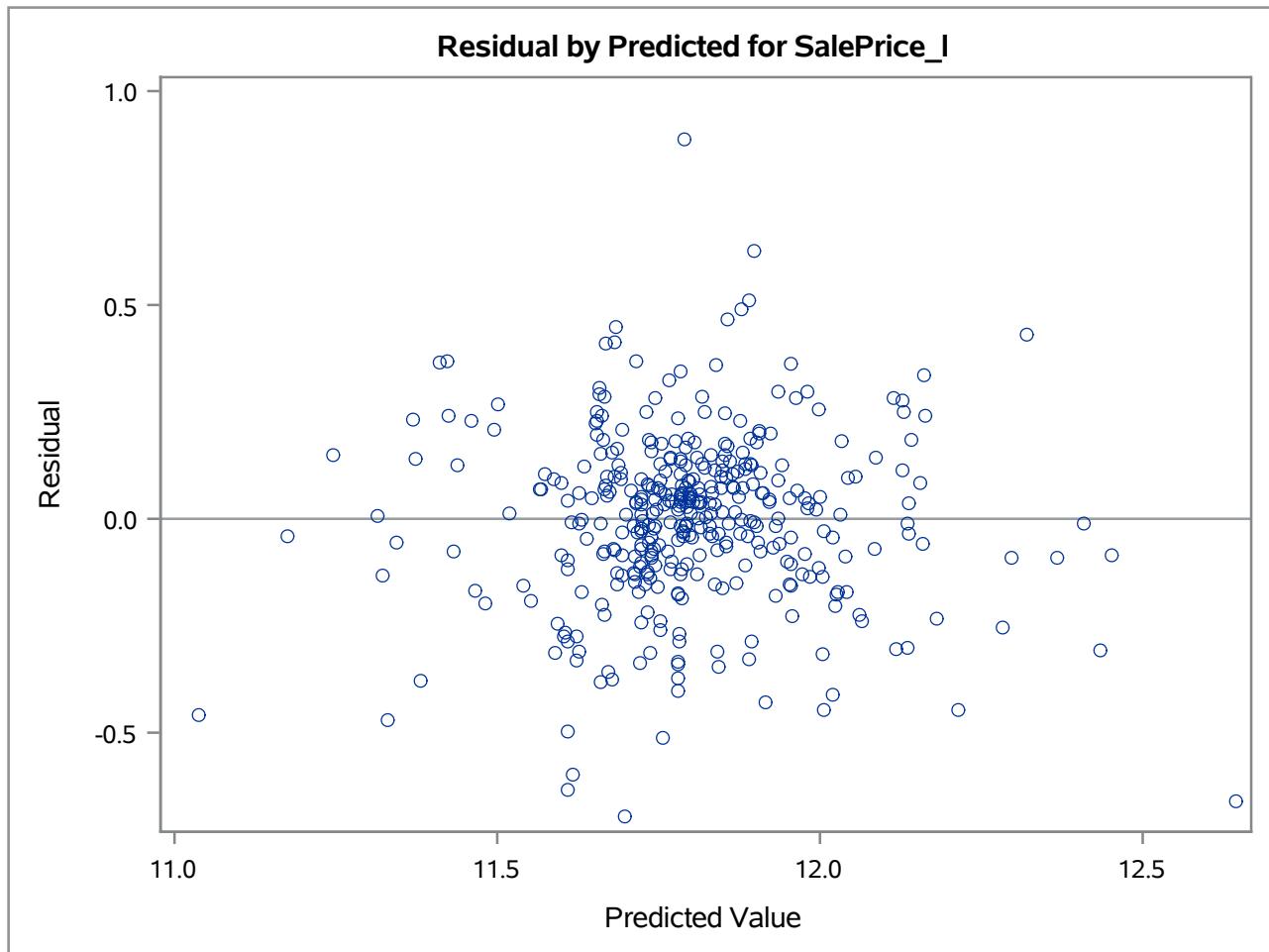
Model: MODEL1

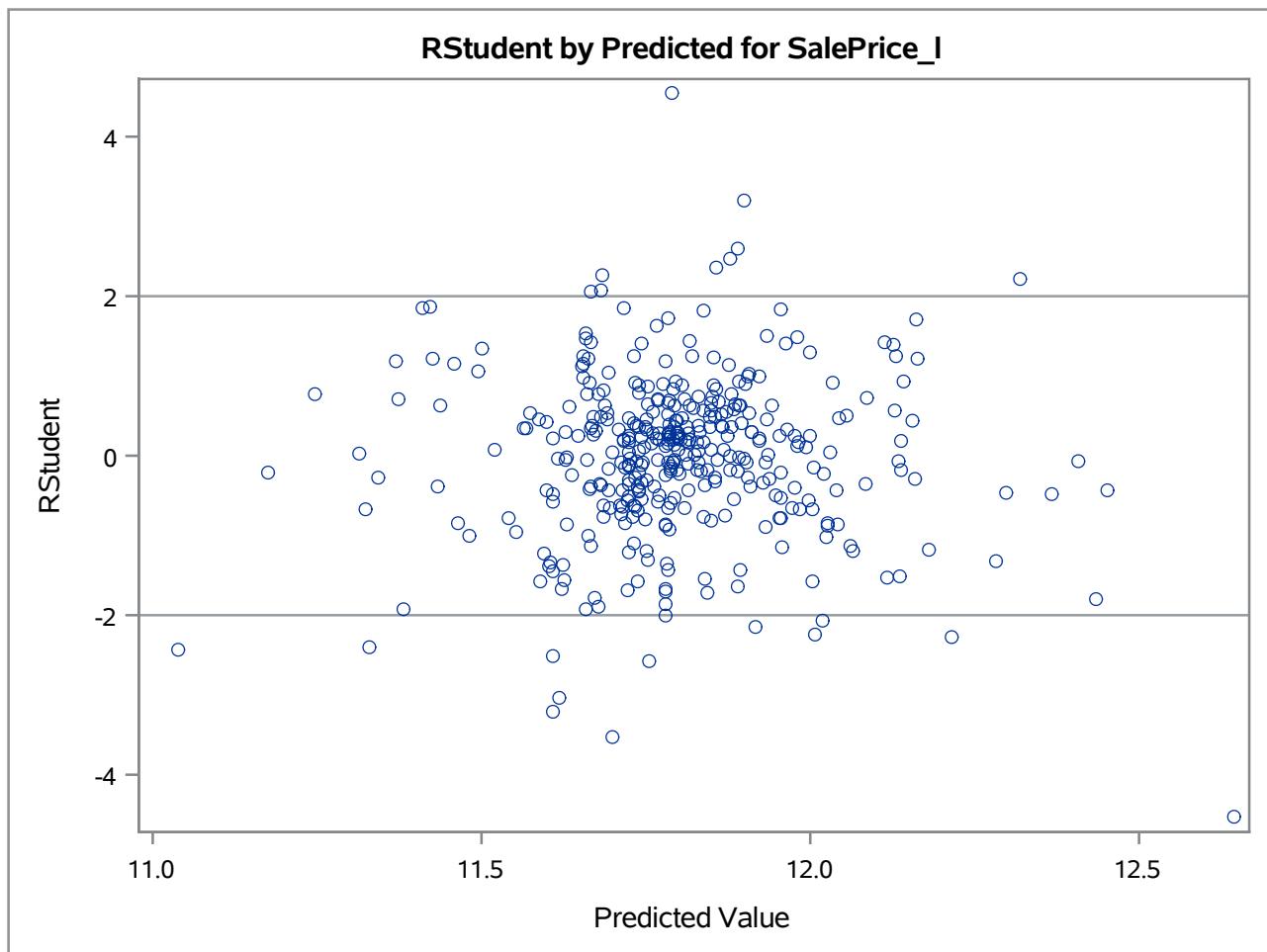
Dependent Variable: SalePrice_I

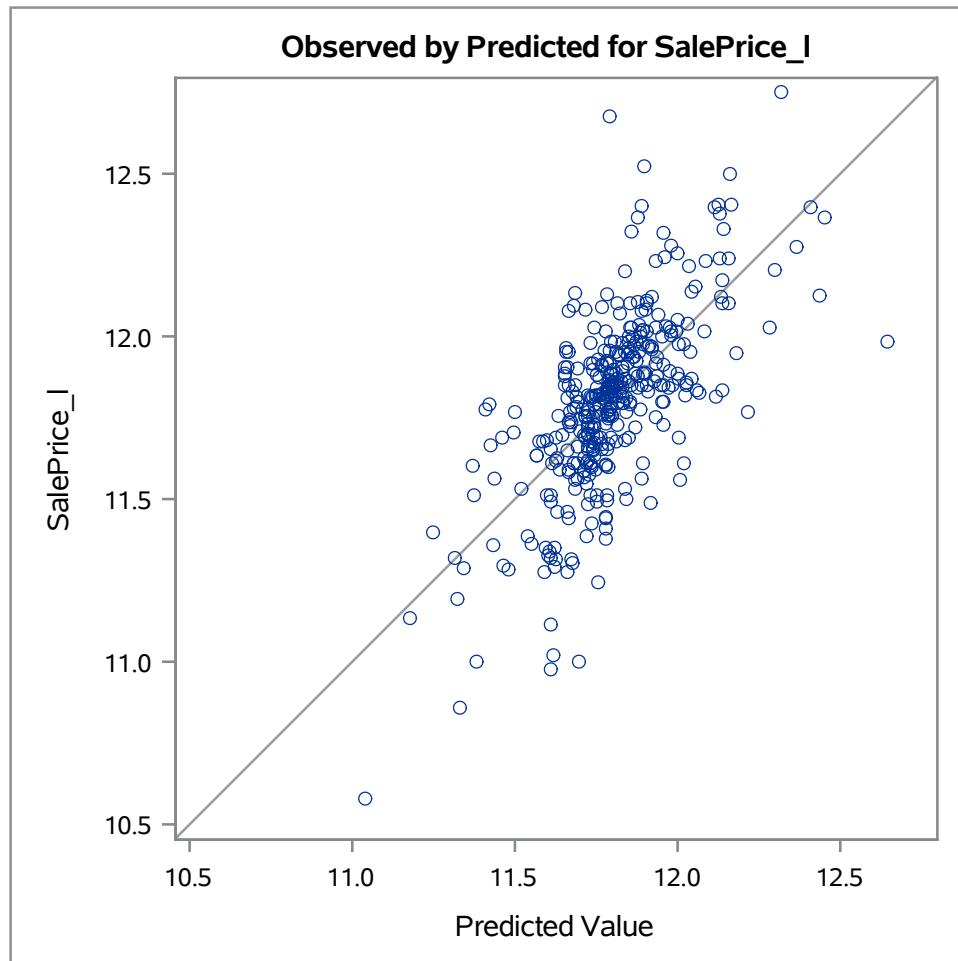


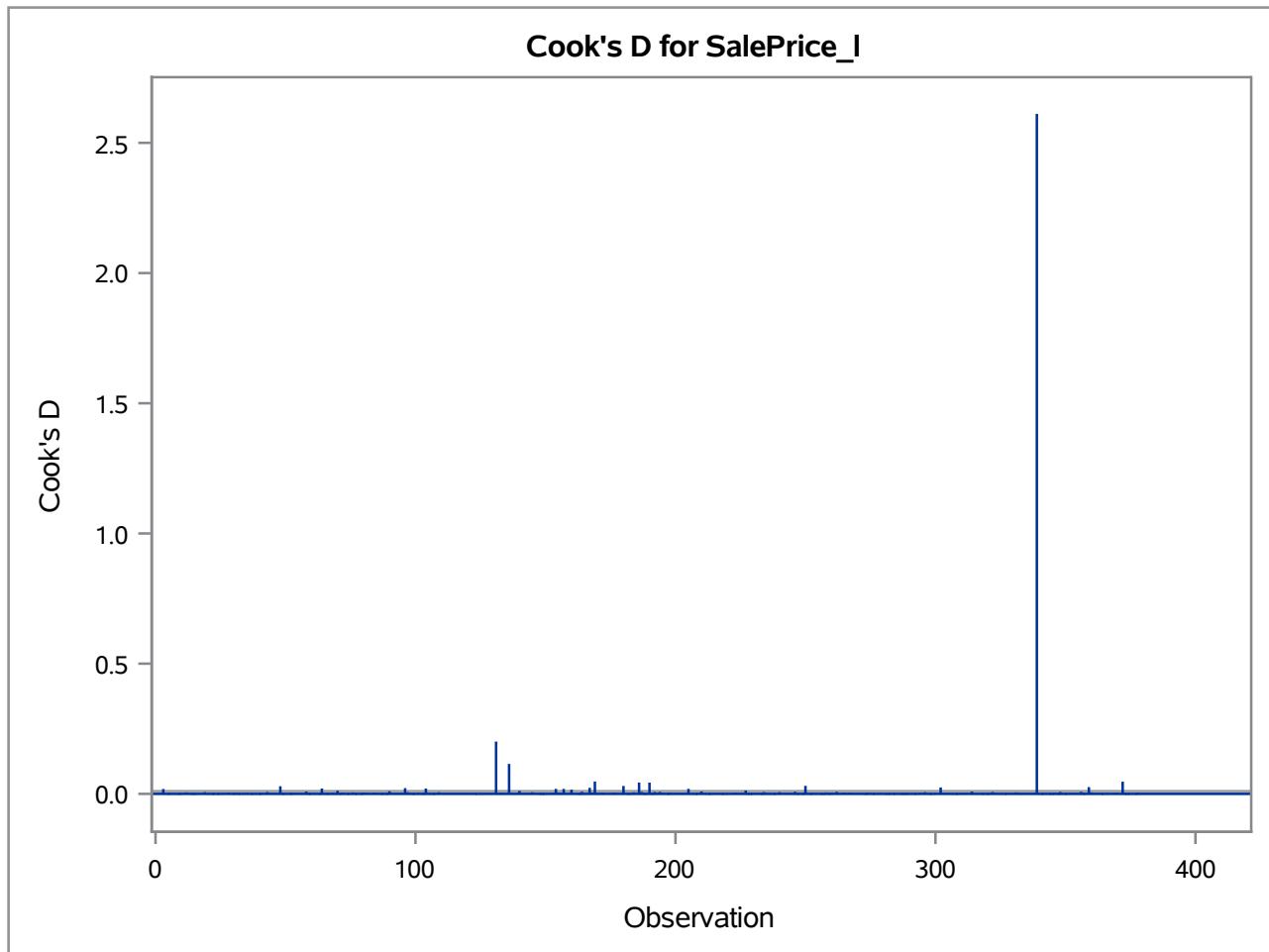
Log-Linear MLR with Dummy and Interactions

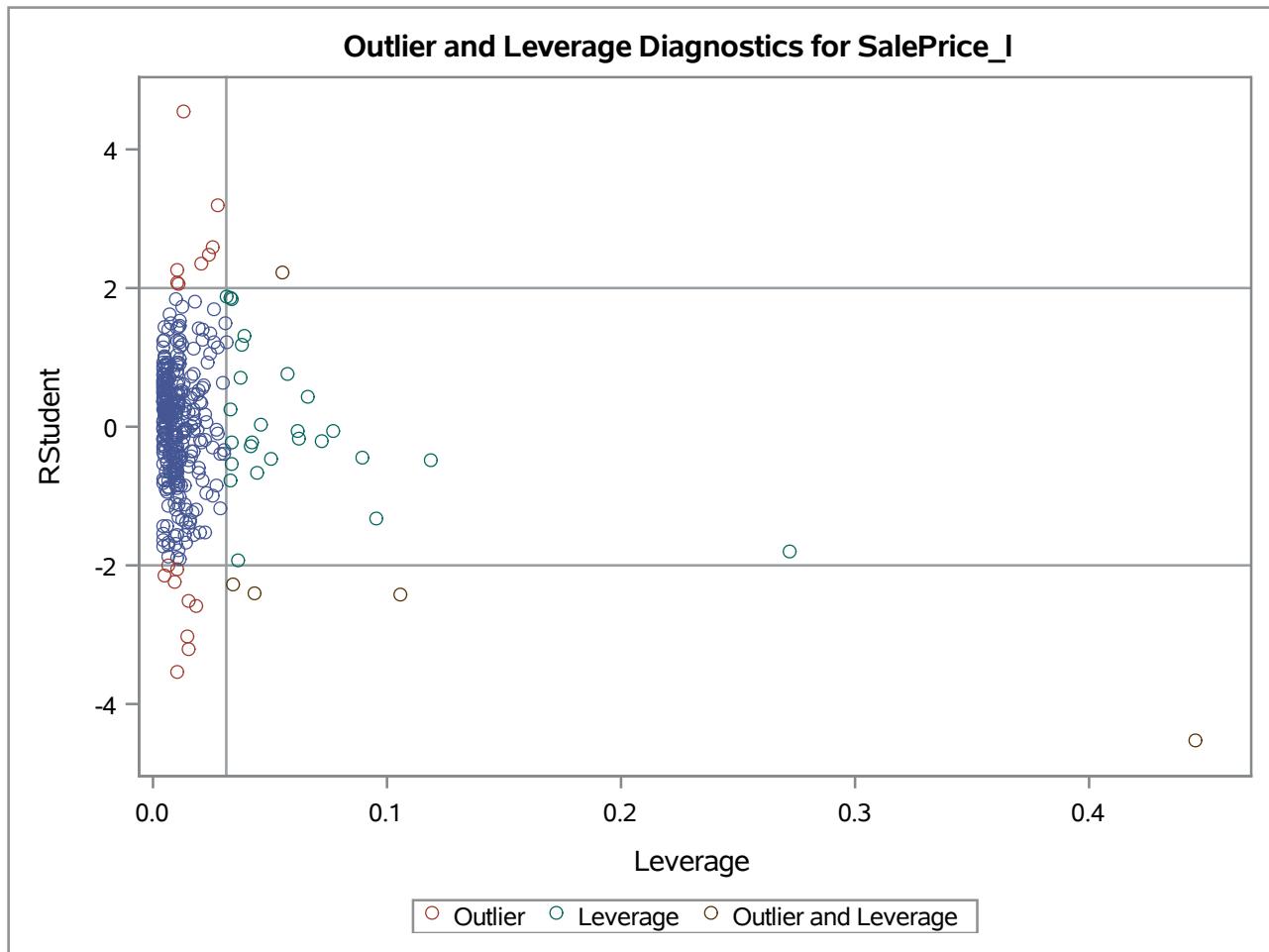
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



Log-Linear MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

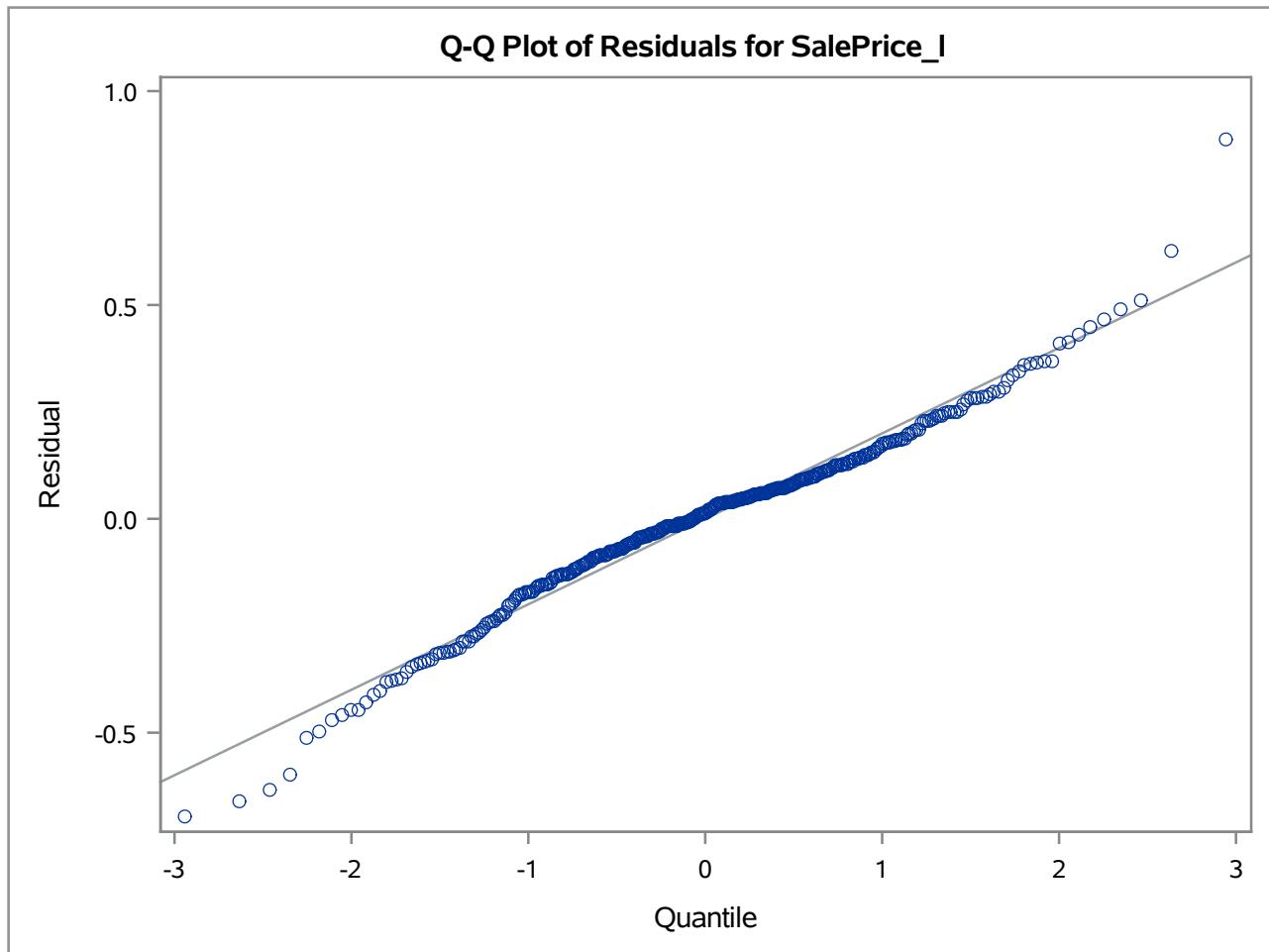
Log-Linear MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Log-Linear MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Log-Linear MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Log-Linear MLR with Dummy and Interactions

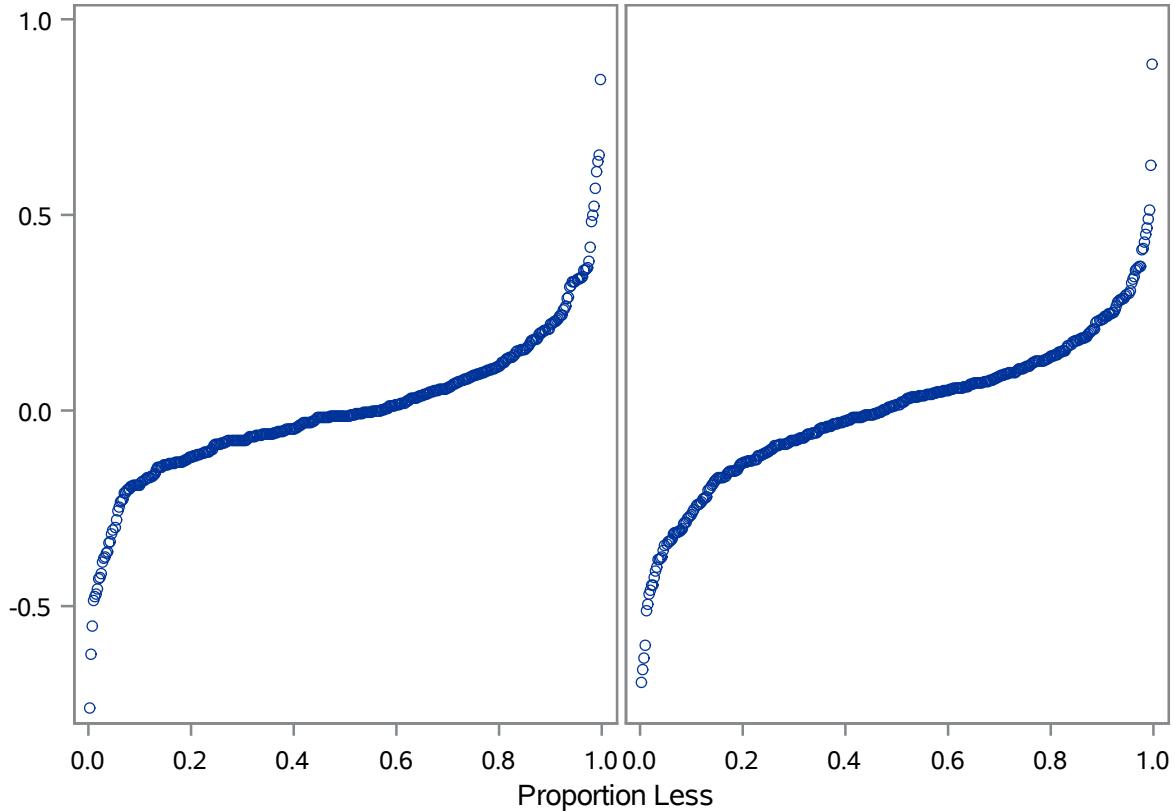
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

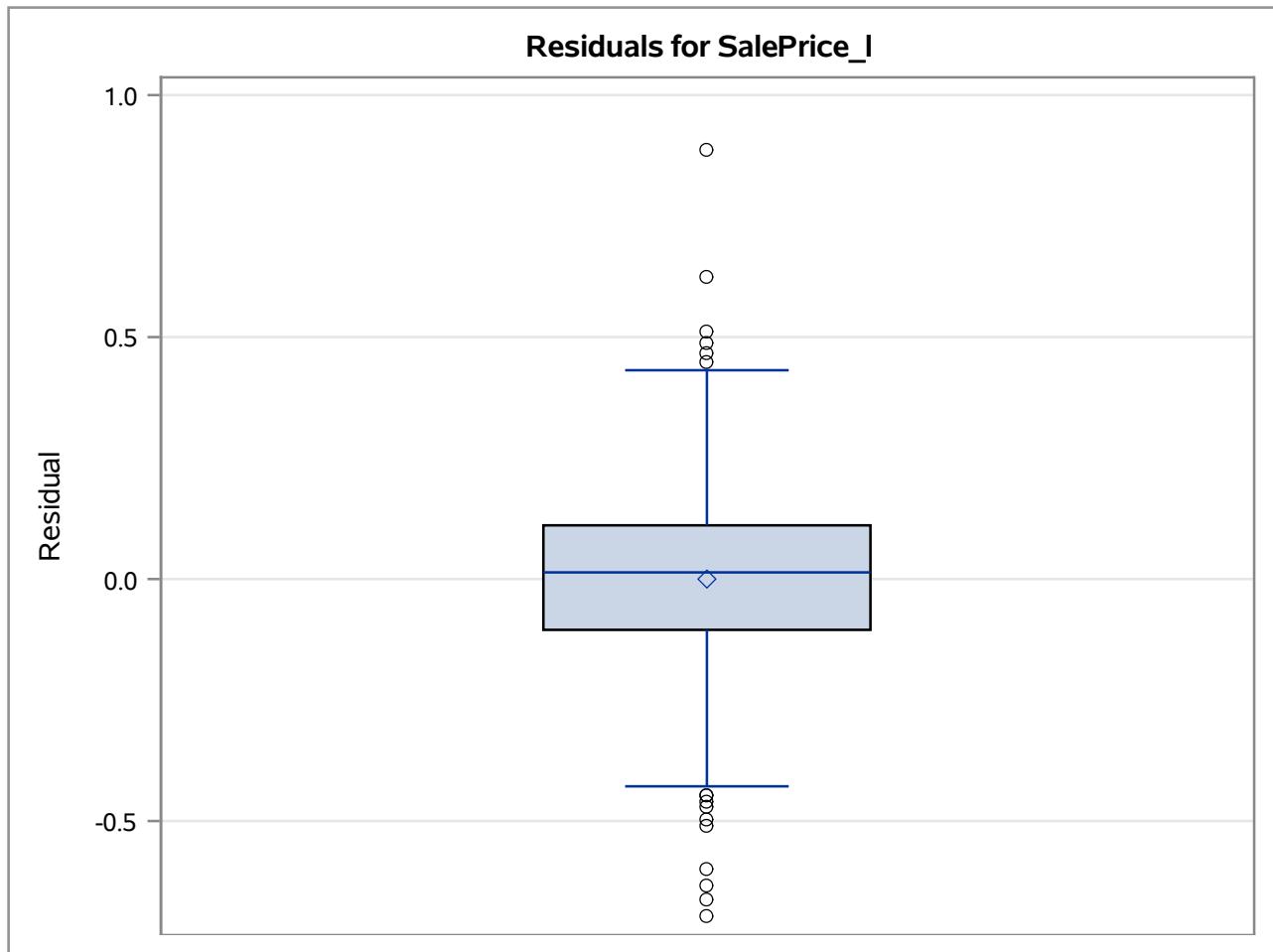


Log-Linear MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I****Residual-Fit Spread Plot for SalePrice_I**

Fit-Mean

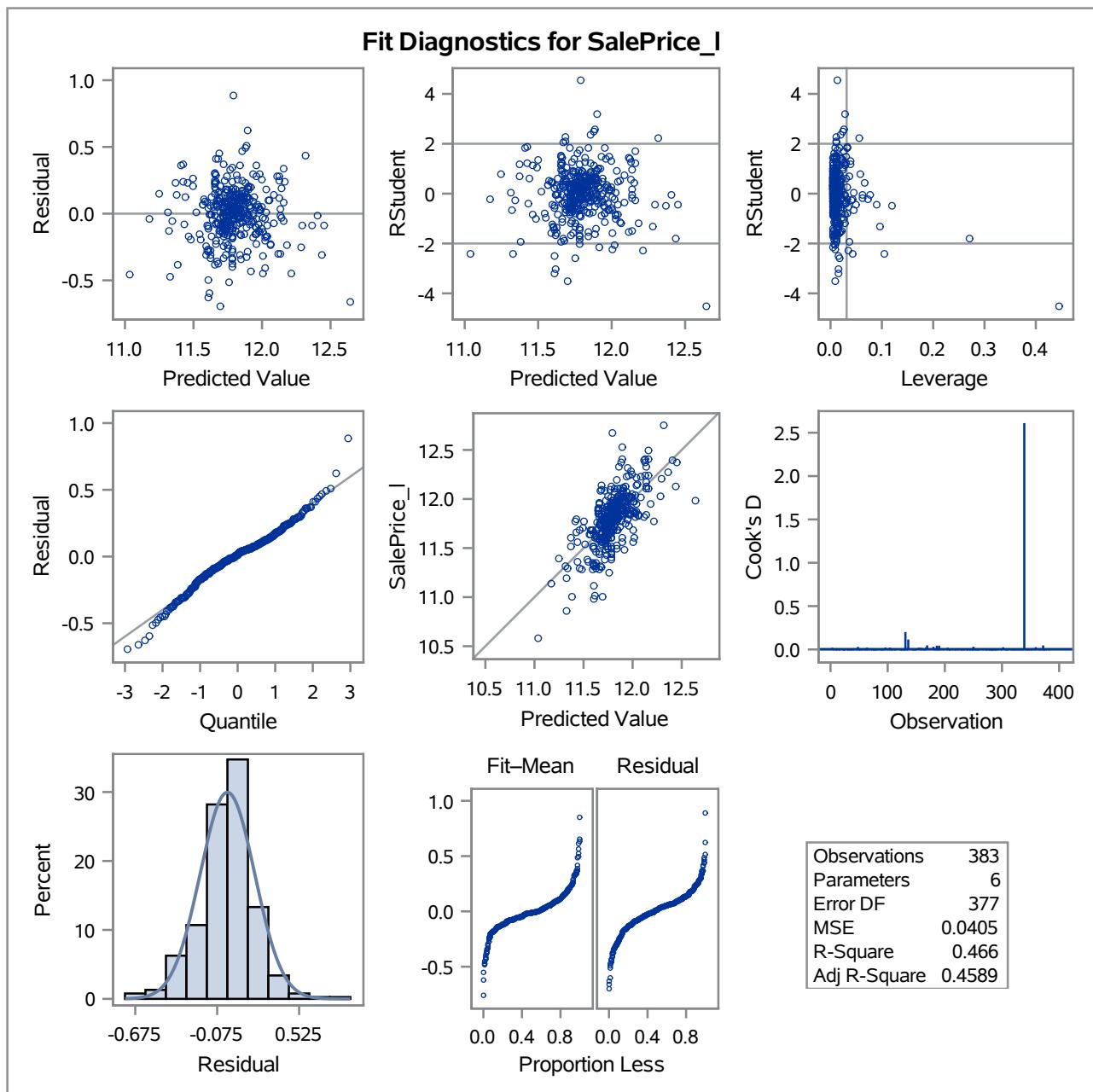
Residual

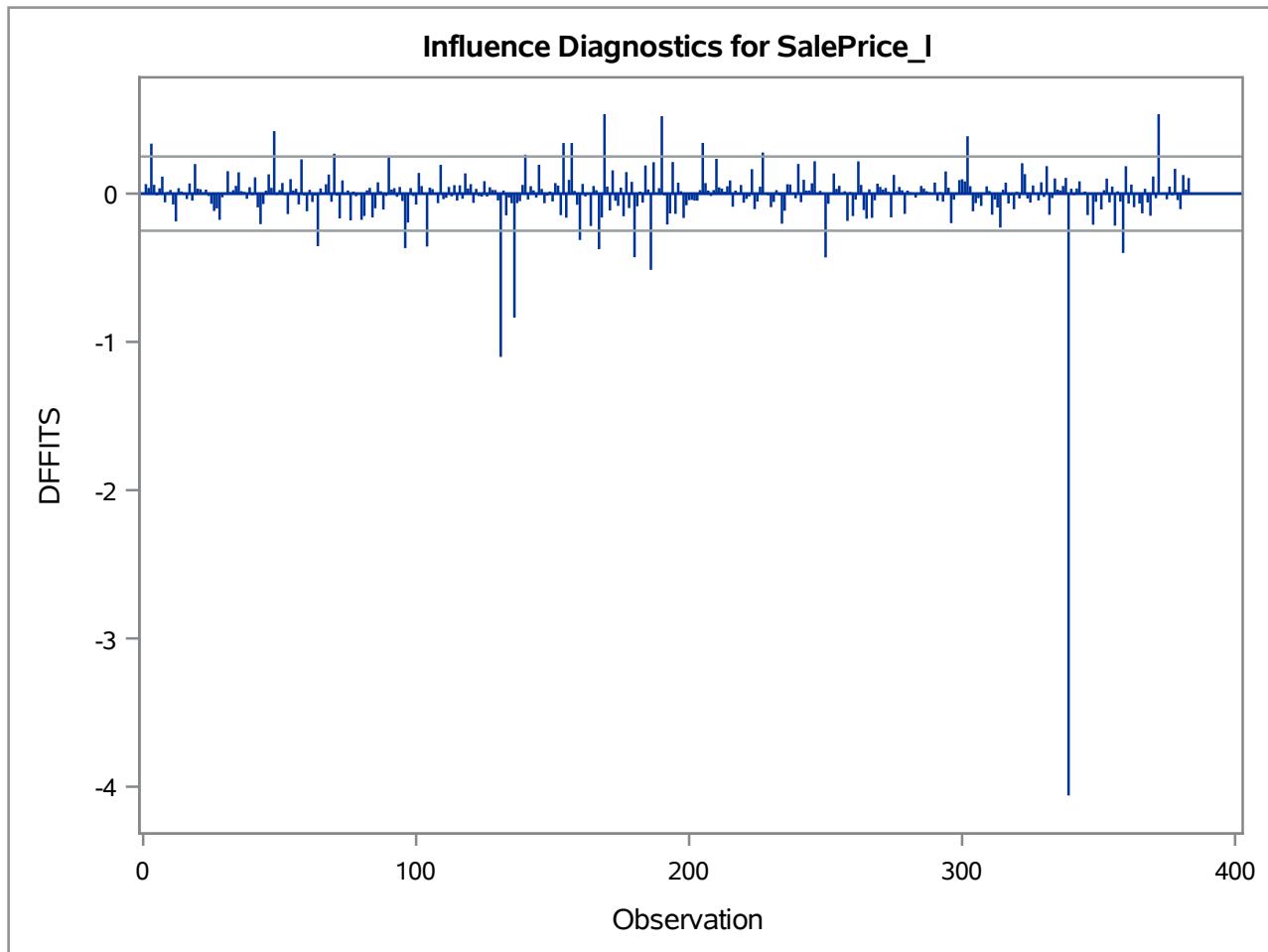


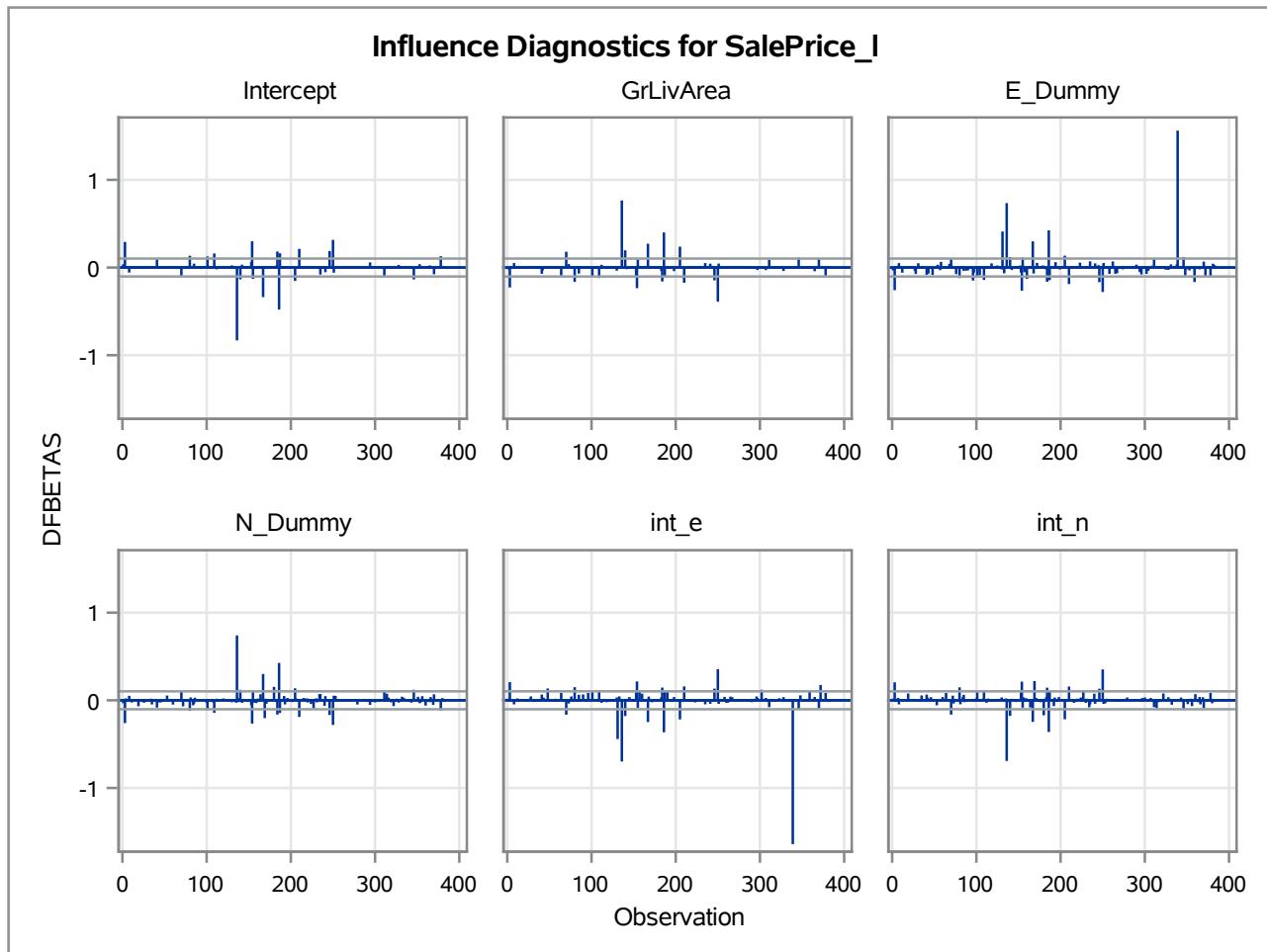
Log-Linear MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Log-Linear MLR with Dummy and Interactions

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



Log-Linear MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

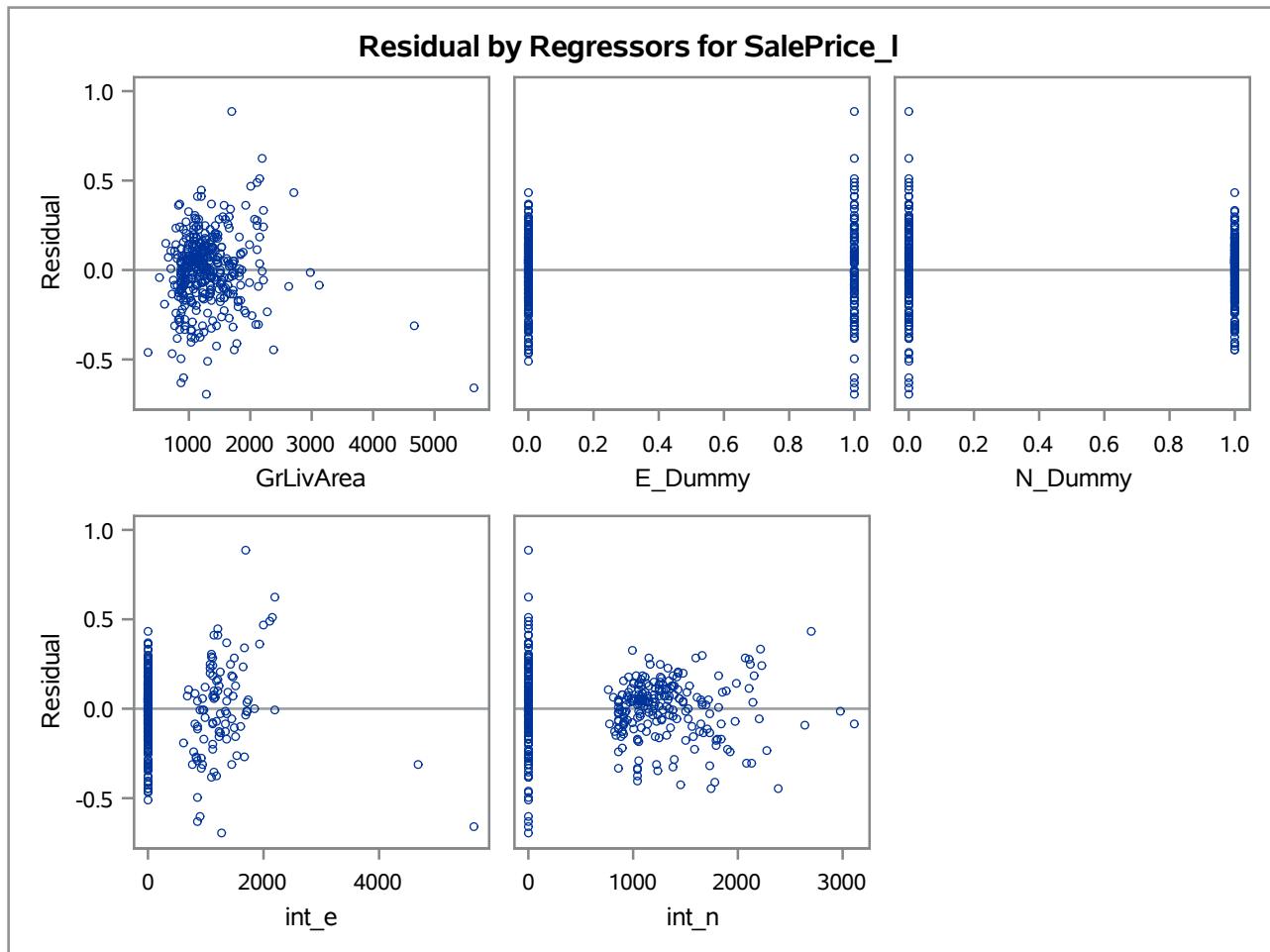
Log-Linear MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Log-Linear MLR with Dummy and Interactions

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



Linear-Log MLR with Dummy and Interactions

The REG Procedure

Model: MODEL1

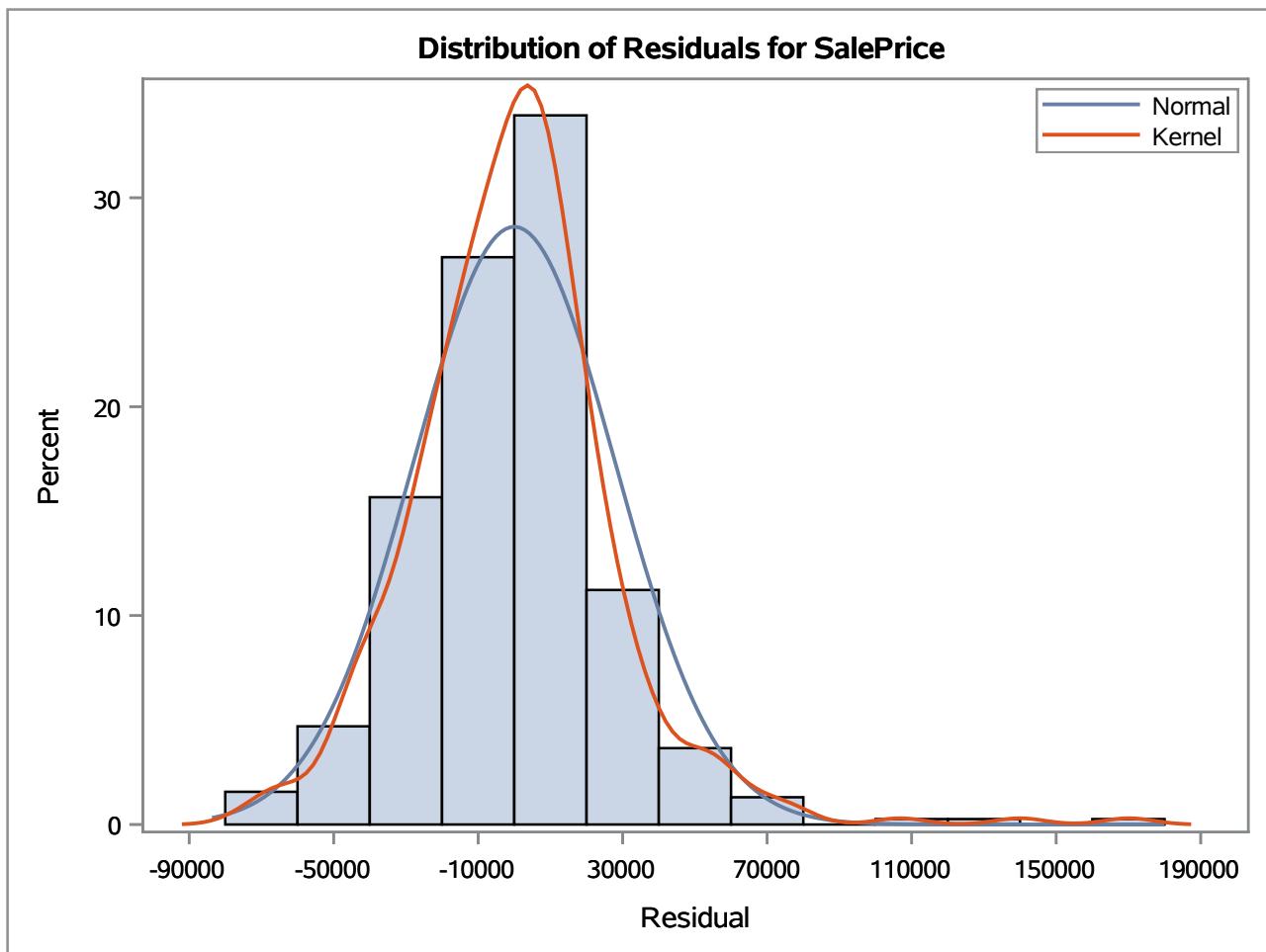
Dependent Variable: SalePrice

Number of Observations Read	383
Number of Observations Used	383

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	2.590608E11	51812155999	65.75	<.0001
Error	377	2.970913E11	788040713		
Corrected Total	382	5.561521E11			

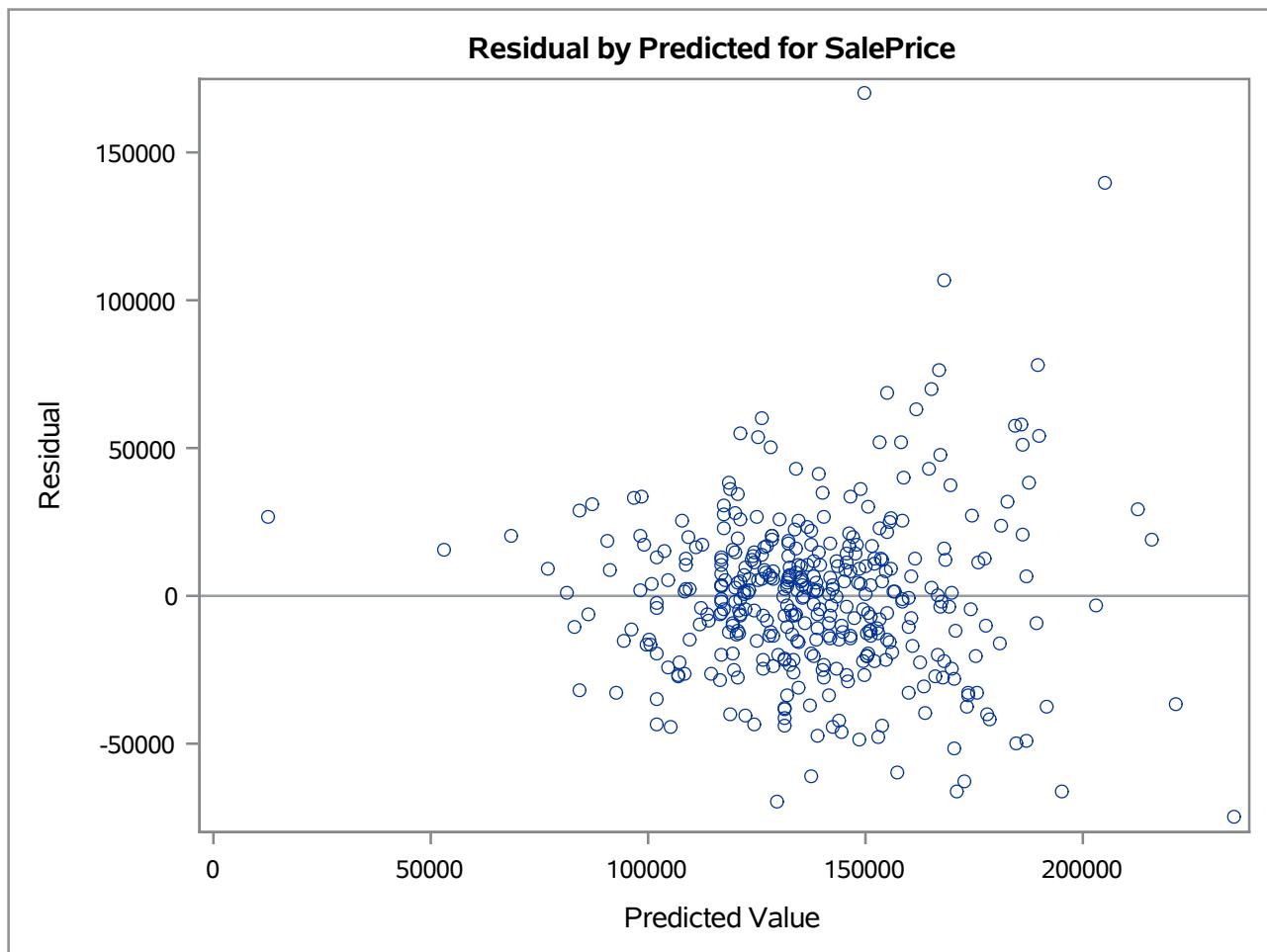
Root MSE	28072	R-Square	0.4658
Dependent Mean	138063	Adj R-Sq	0.4587
Coeff Var	20.33287		

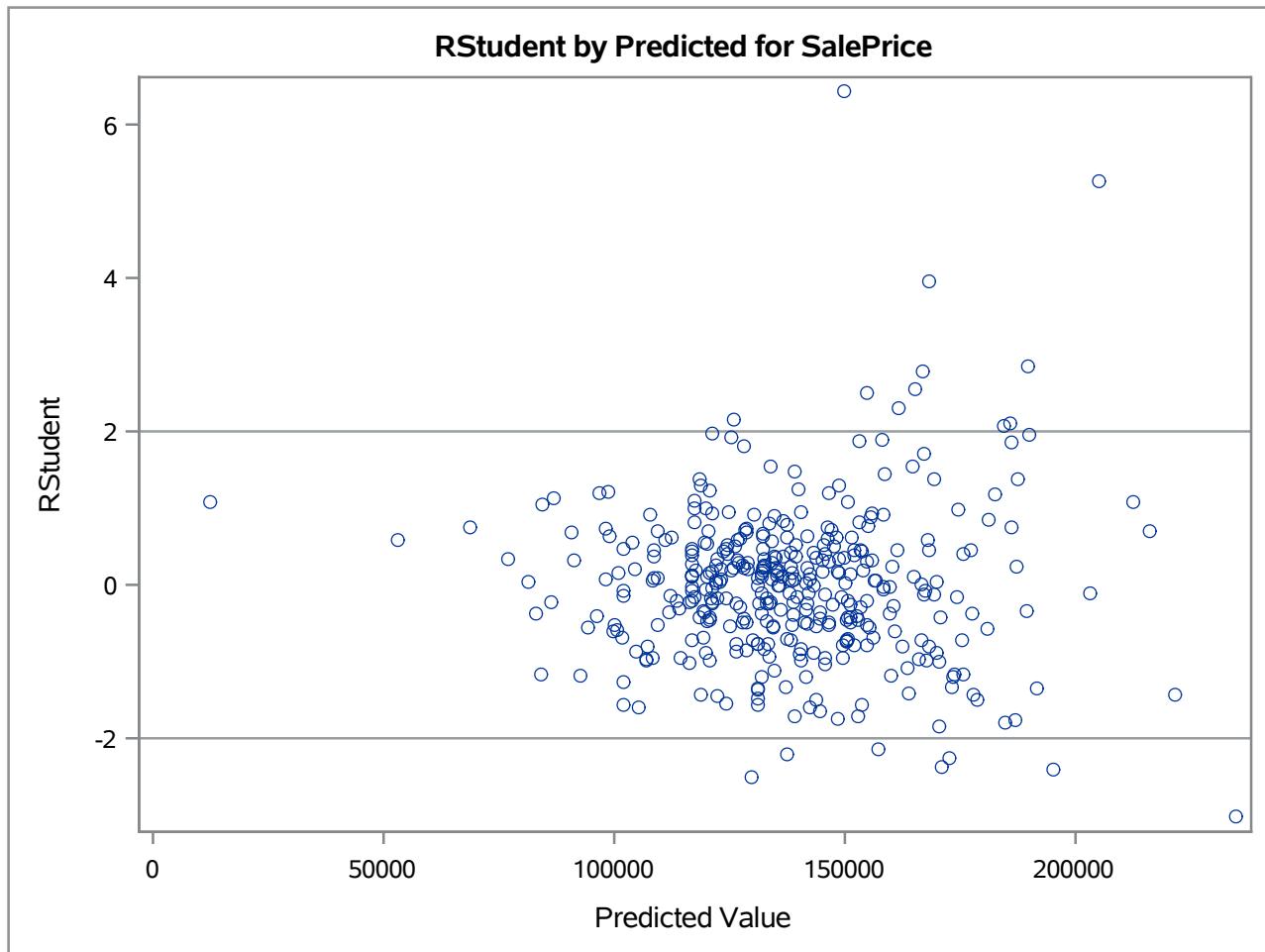
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-520838	73669	-7.07	<.0001
GrLlvArea_I	1	91771	10458	8.78	<.0001
E_Dummy	1	144770	94300	1.54	0.1256
N_Dummy	1	115364	87582	1.32	0.1886
int_e_I	1	-21054	13317	-1.58	0.1147
int_n_I	1	-14507	12384	-1.17	0.2421

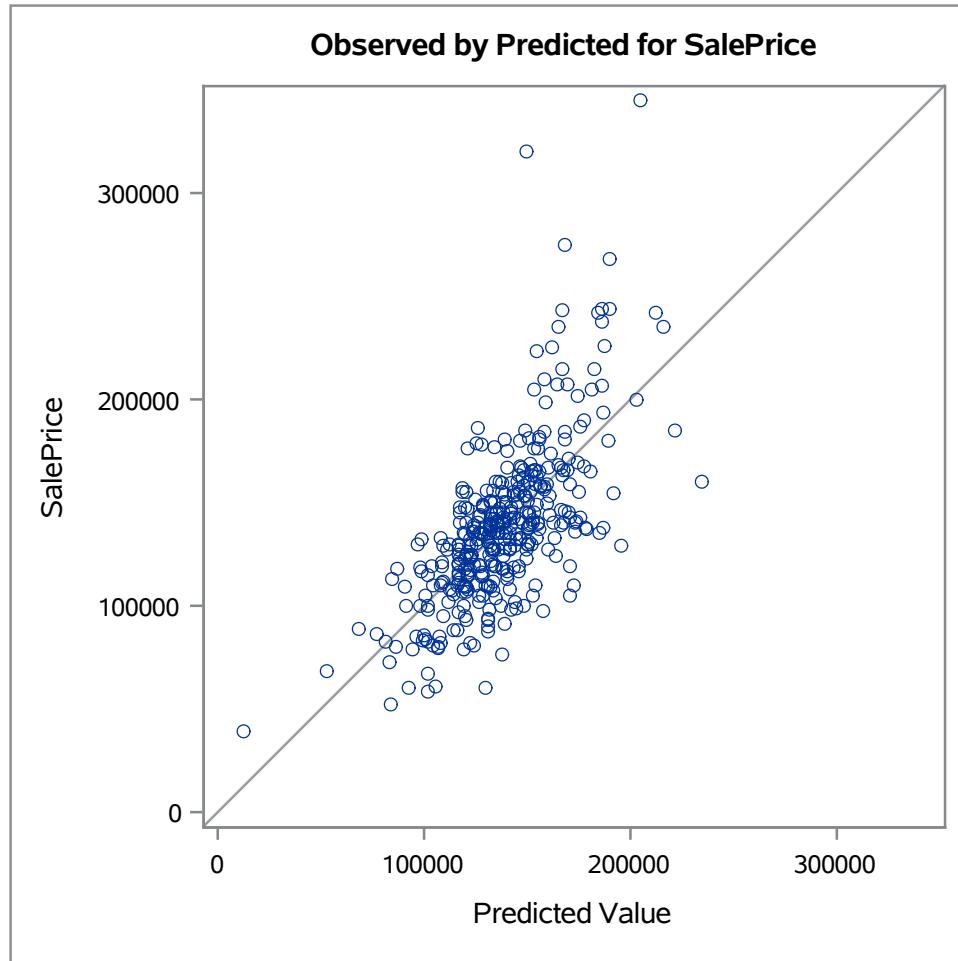
Linear-Log MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice**

Linear-Log MLR with Dummy and Interactions

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice

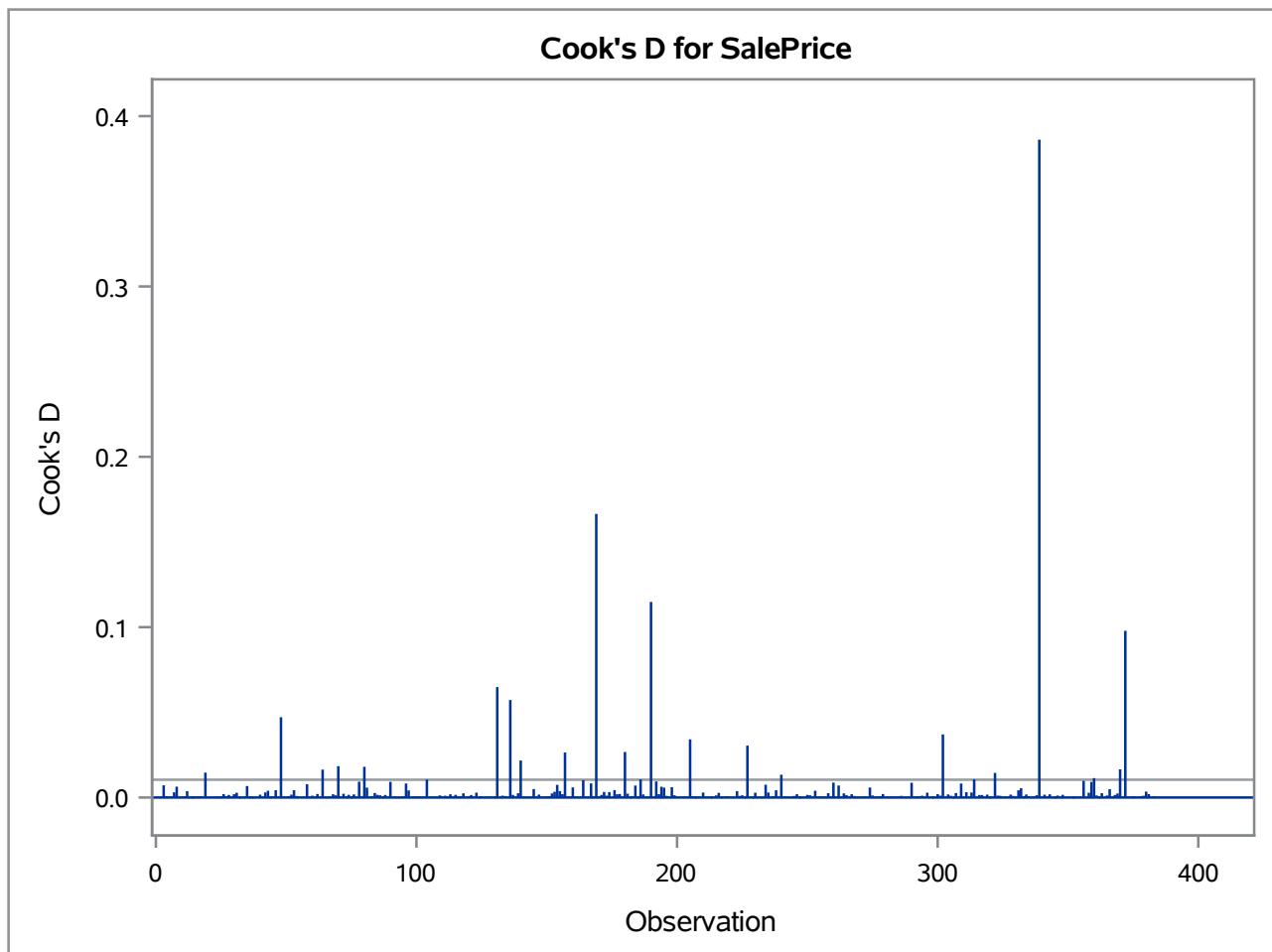


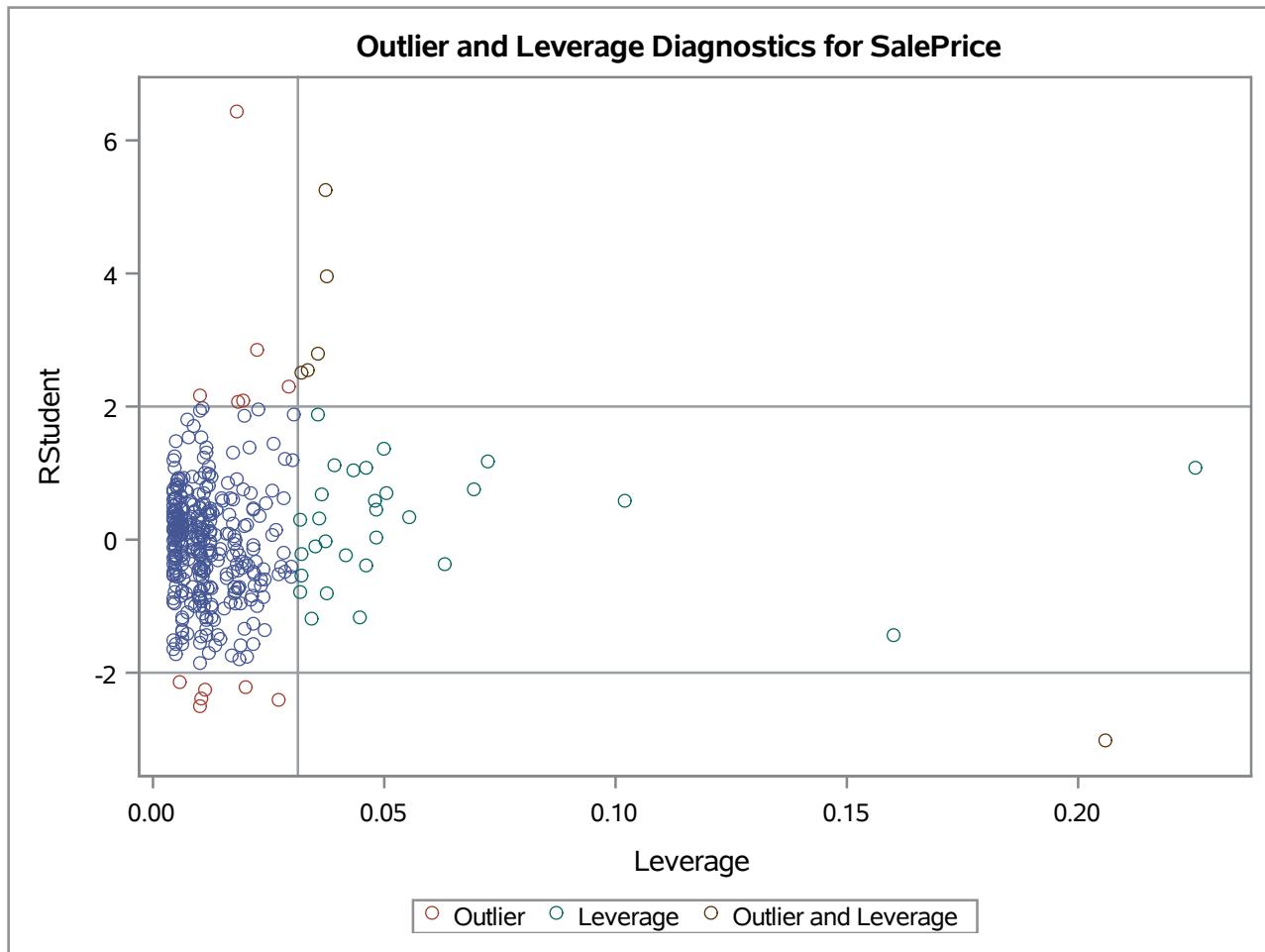
Linear-Log MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice**

Linear-Log MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice**

Linear-Log MLR with Dummy and Interactions

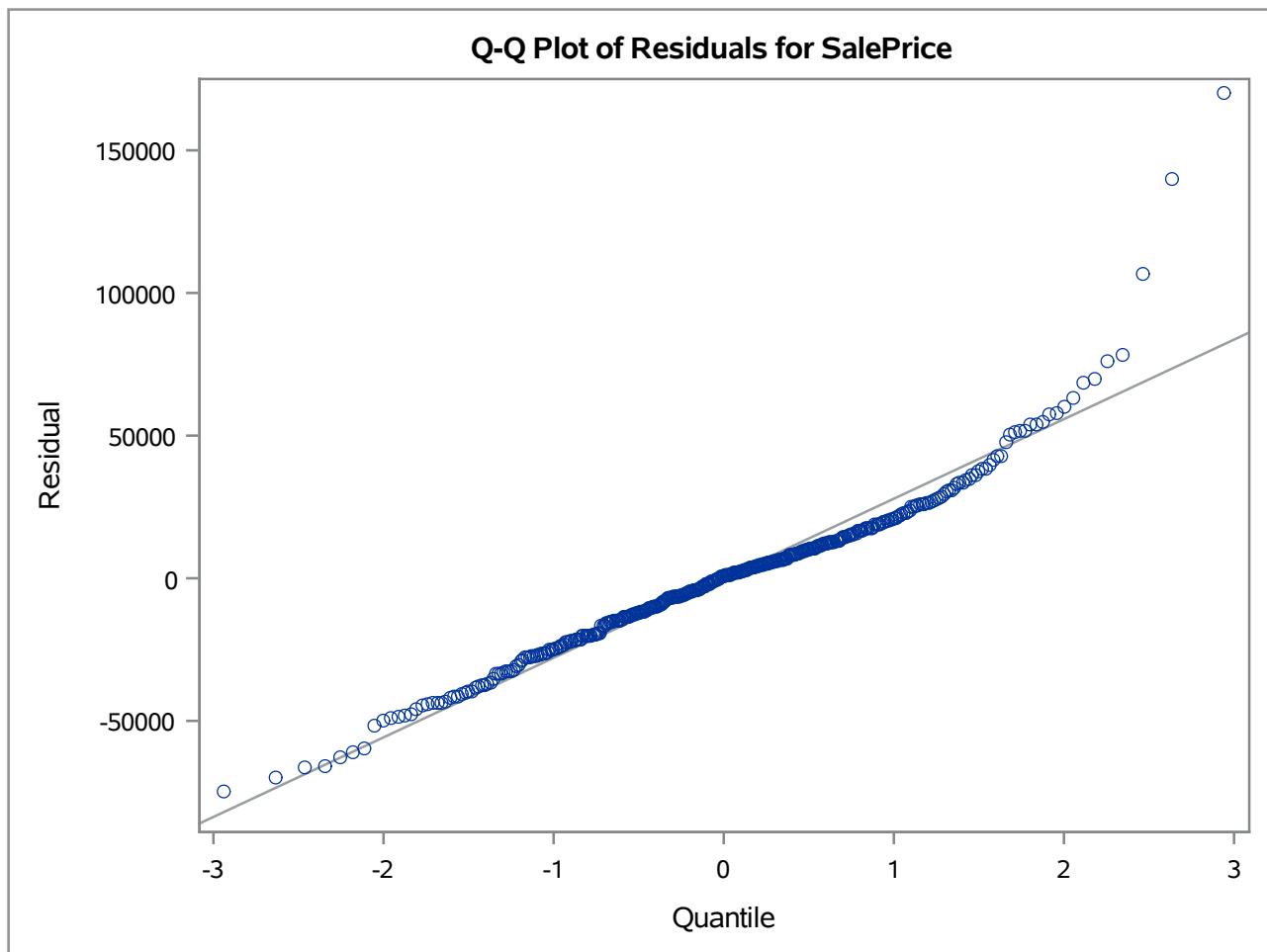
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice

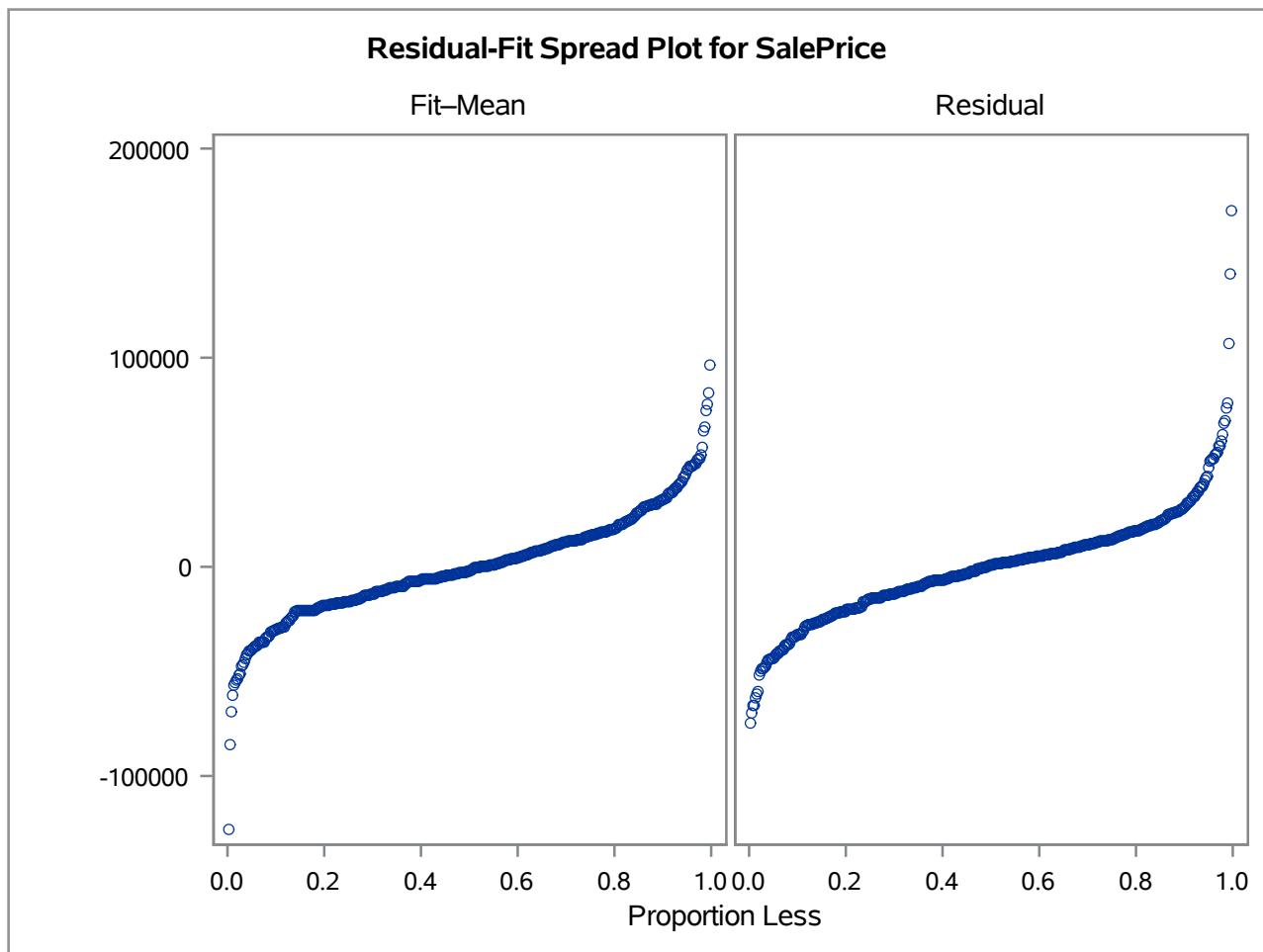


Linear-Log MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice**

Linear-Log MLR with Dummy and Interactions

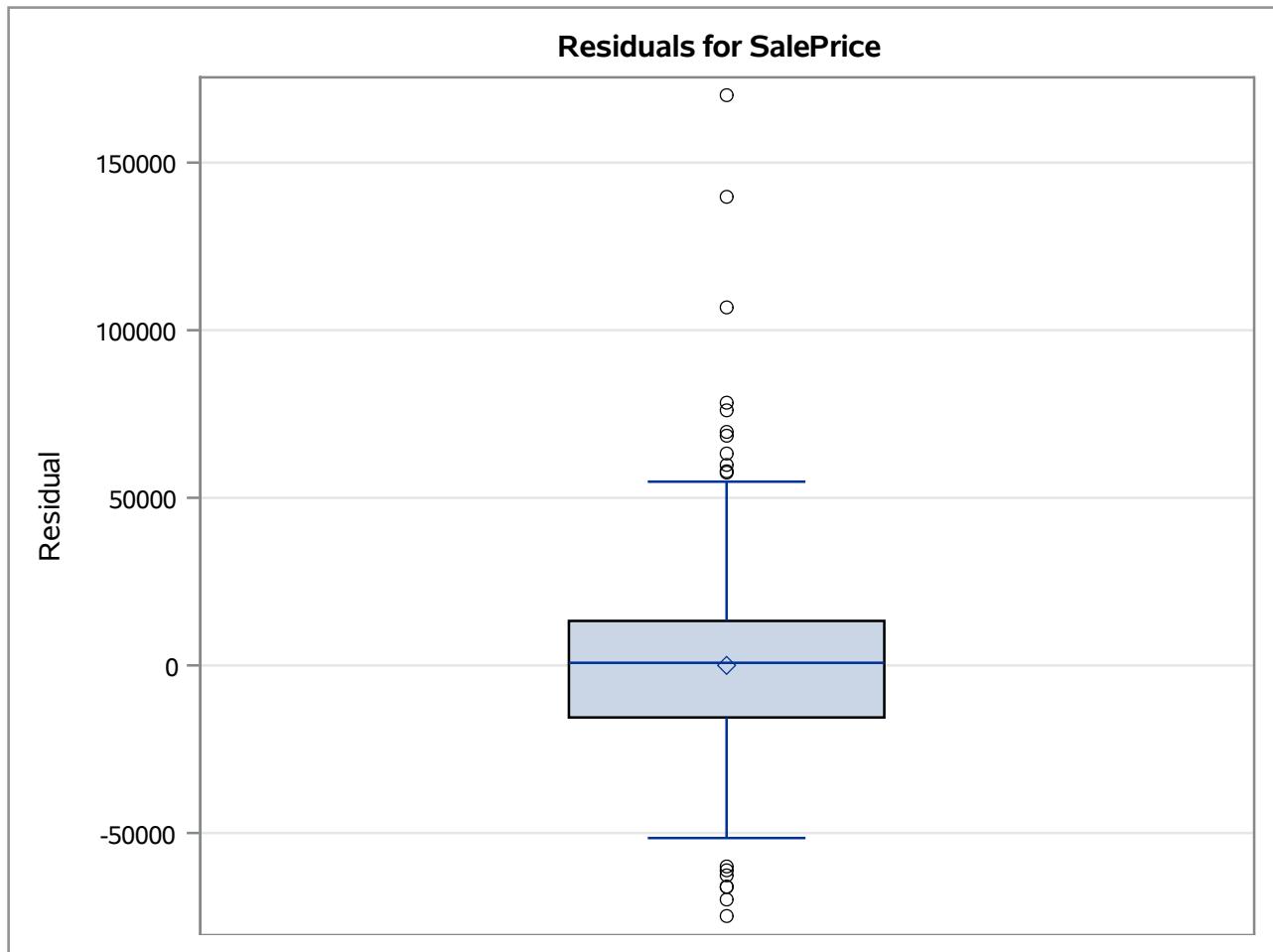
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



Linear-Log MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice****Residual-Fit Spread Plot for SalePrice**

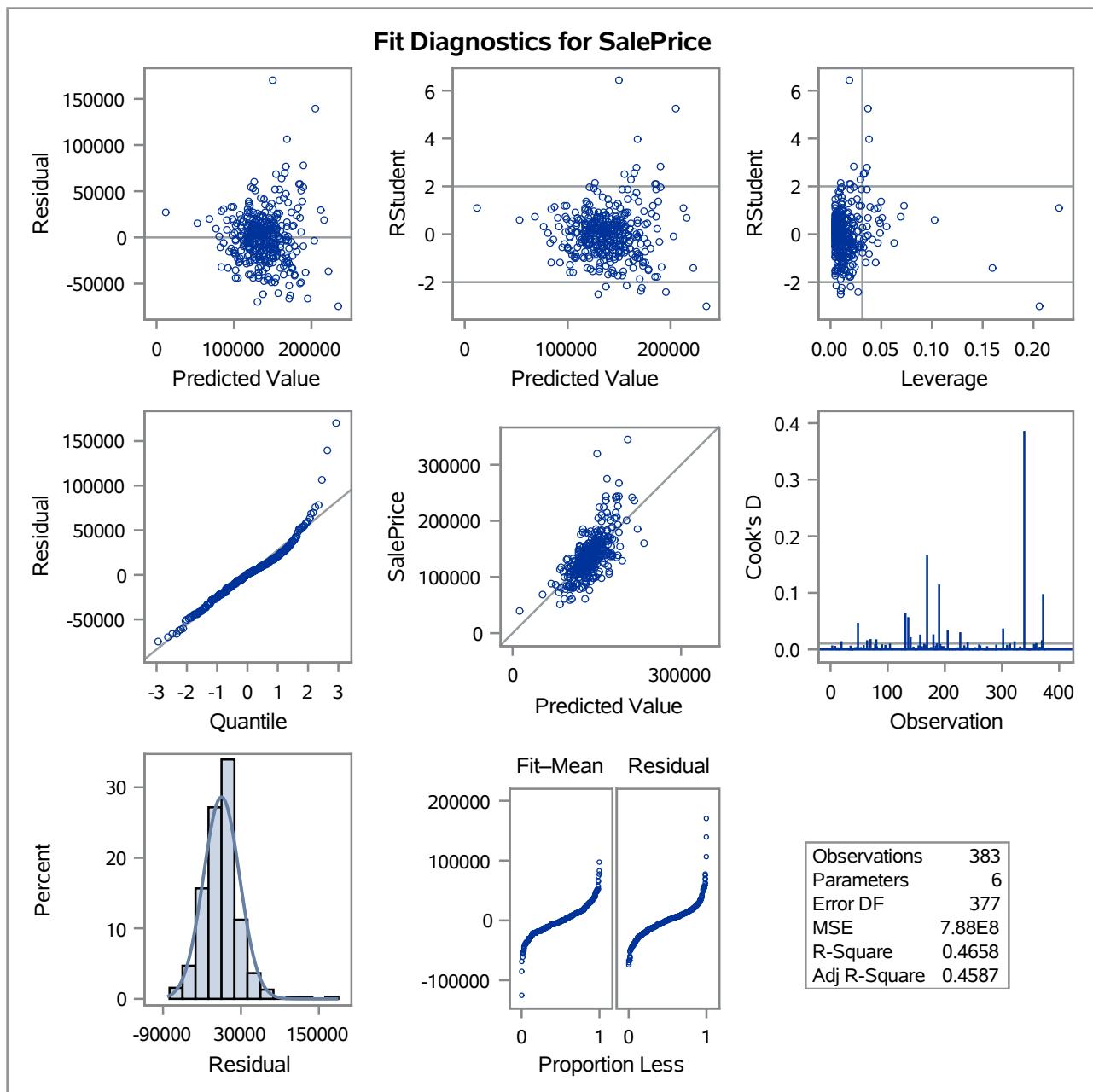
Linear-Log MLR with Dummy and Interactions

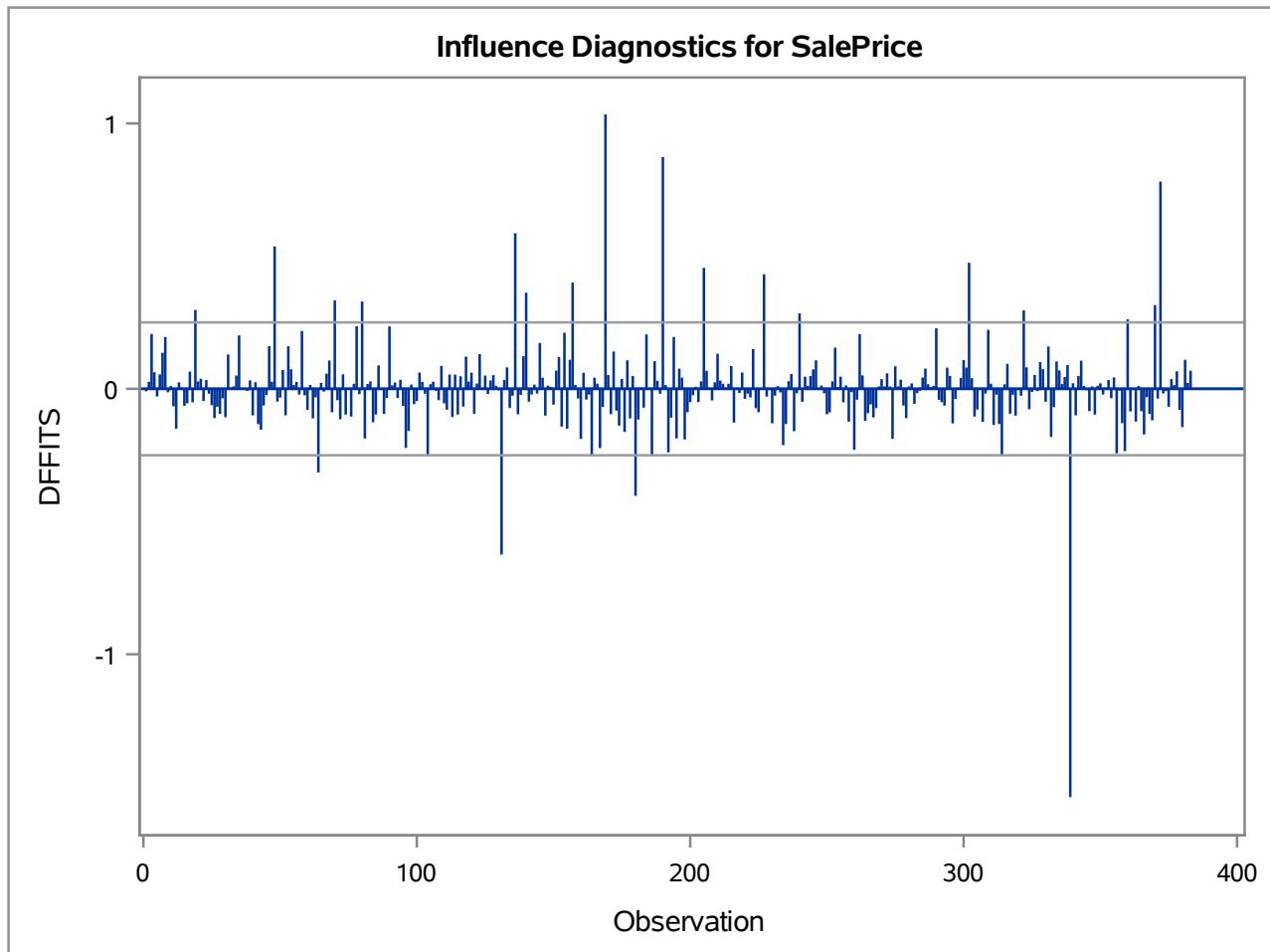
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice

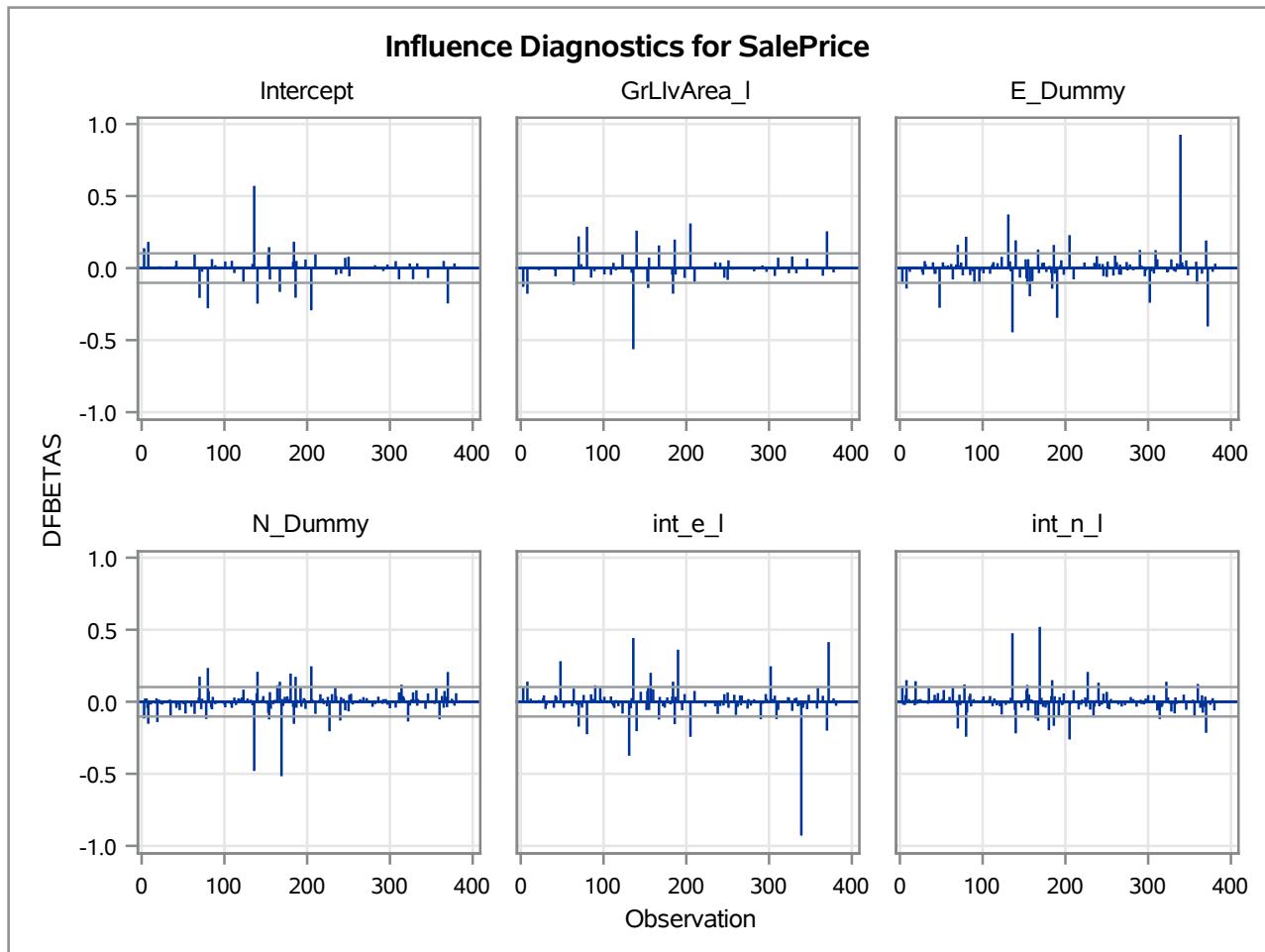


Linear-Log MLR with Dummy and Interactions

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice



Linear-Log MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice**

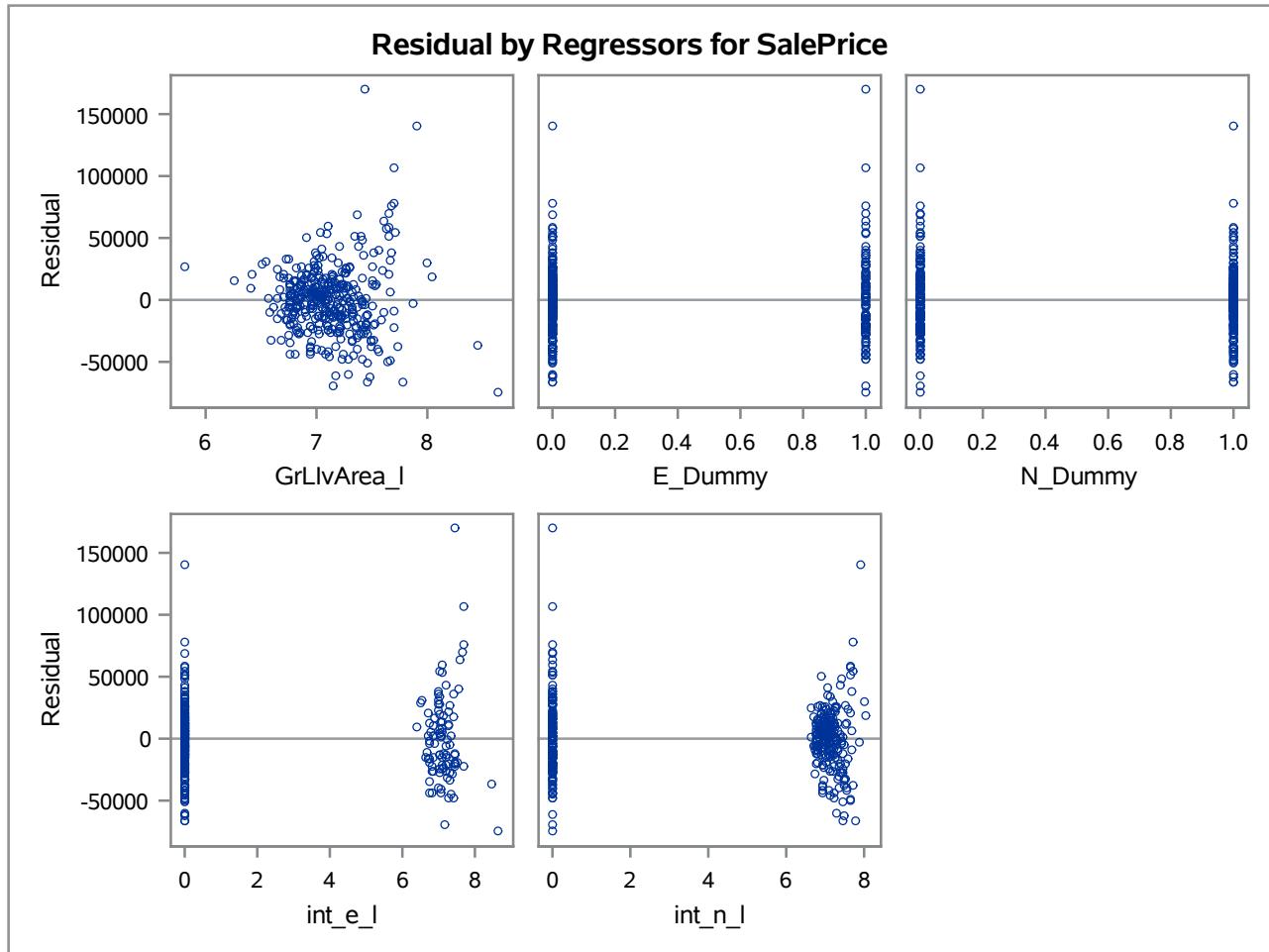
Linear-Log MLR with Dummy and Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice**

Linear-Log MLR with Dummy and Interactions

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

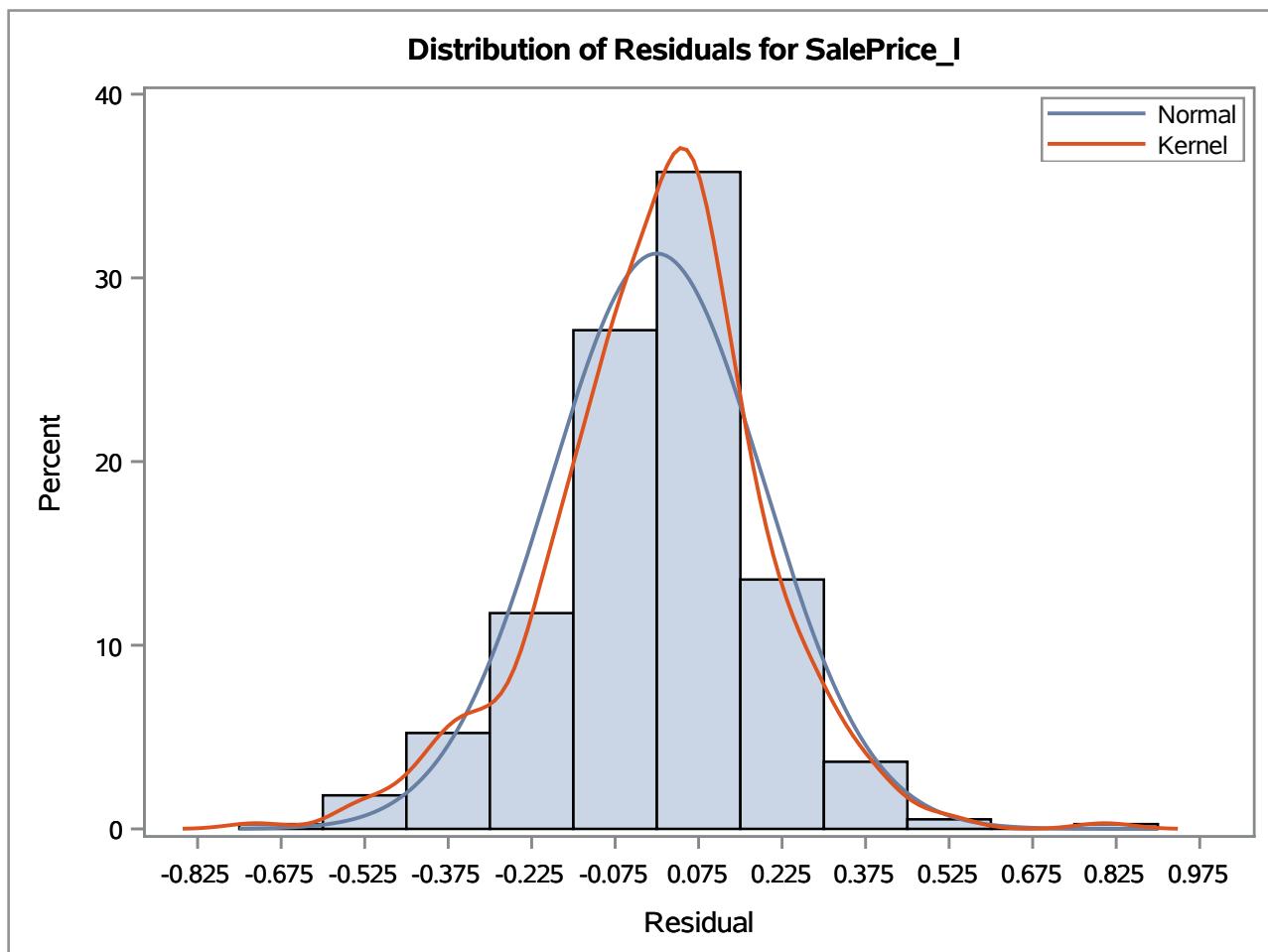
Number of Observations Read	383
Number of Observations Used	383

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	14.62858	2.92572	79.14	<.0001
Error	377	13.93775	0.03697		
Corrected Total	382	28.56633			

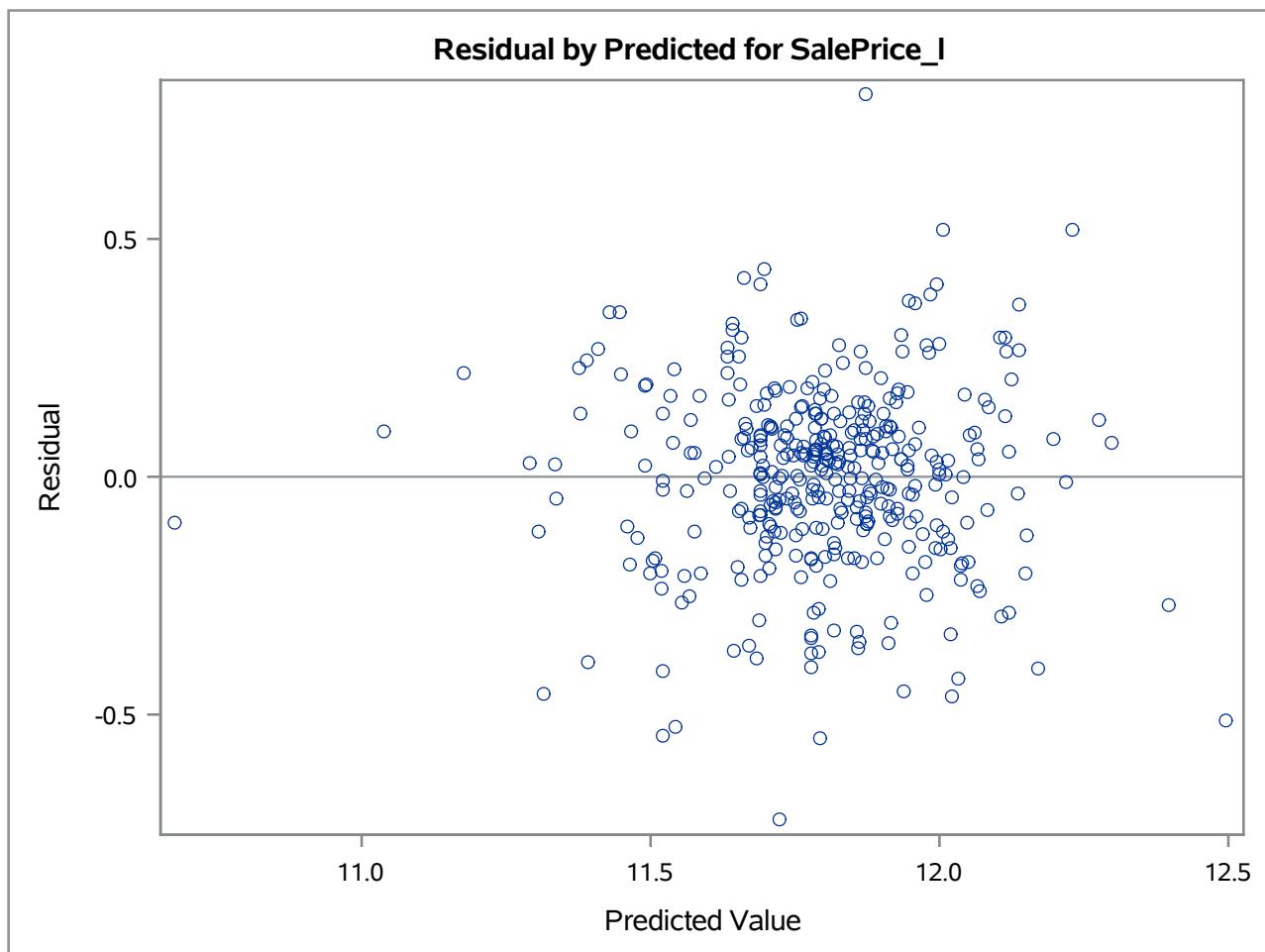
Root MSE	0.19228	R-Square	0.5121
Dependent Mean	11.79887	Adj R-Sq	0.5056
Coeff Var	1.62962		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	5.91292	0.50459	11.72	<.0001
GrLivArea_I	1	0.81965	0.07163	11.44	<.0001
E_Dummy	1	2.09359	0.64589	3.24	0.0013
N_Dummy	1	2.57981	0.59988	4.30	<.0001
int_e_I	1	-0.29998	0.09122	-3.29	0.0011
int_n_I	1	-0.34662	0.08482	-4.09	<.0001

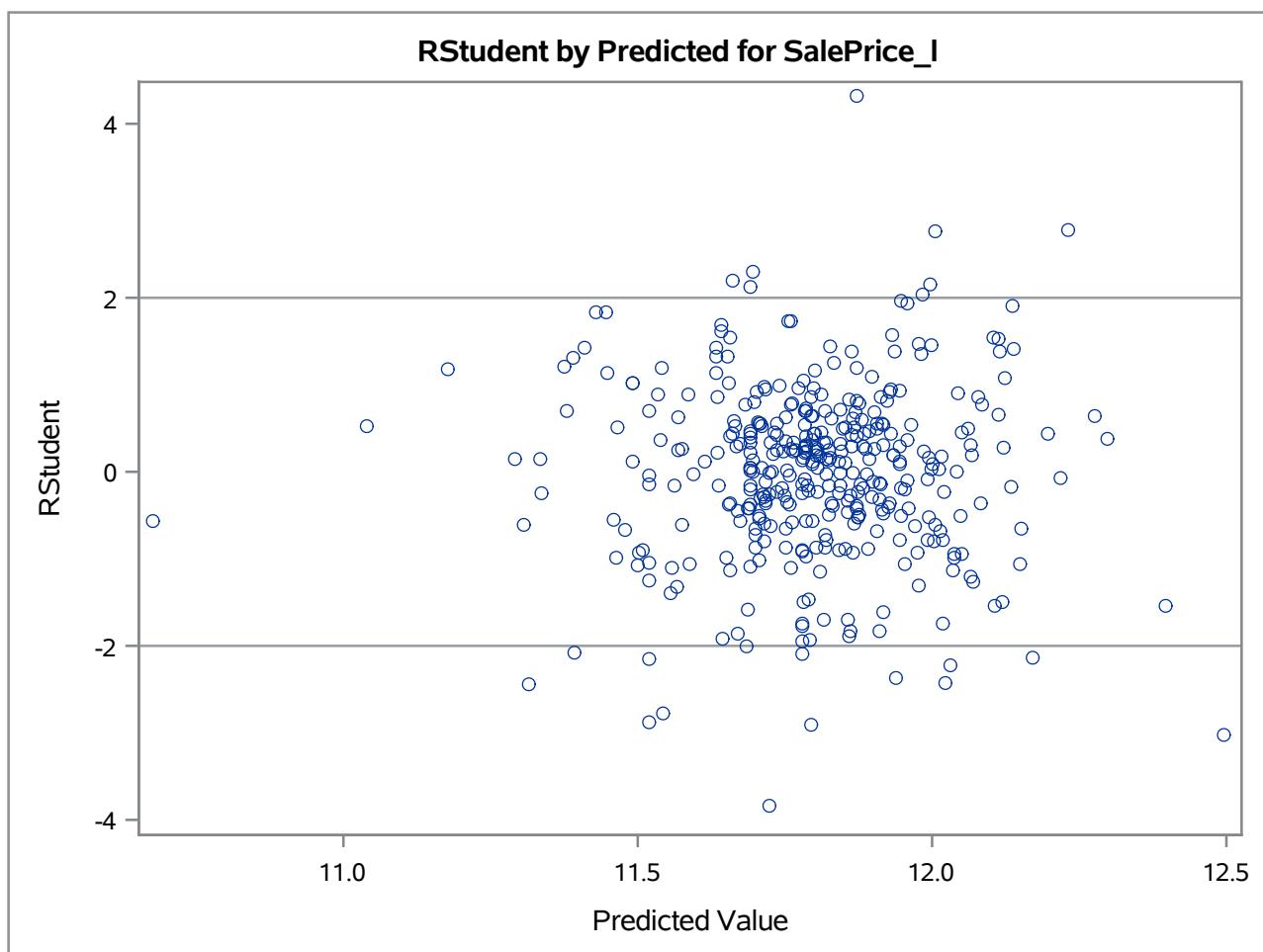
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



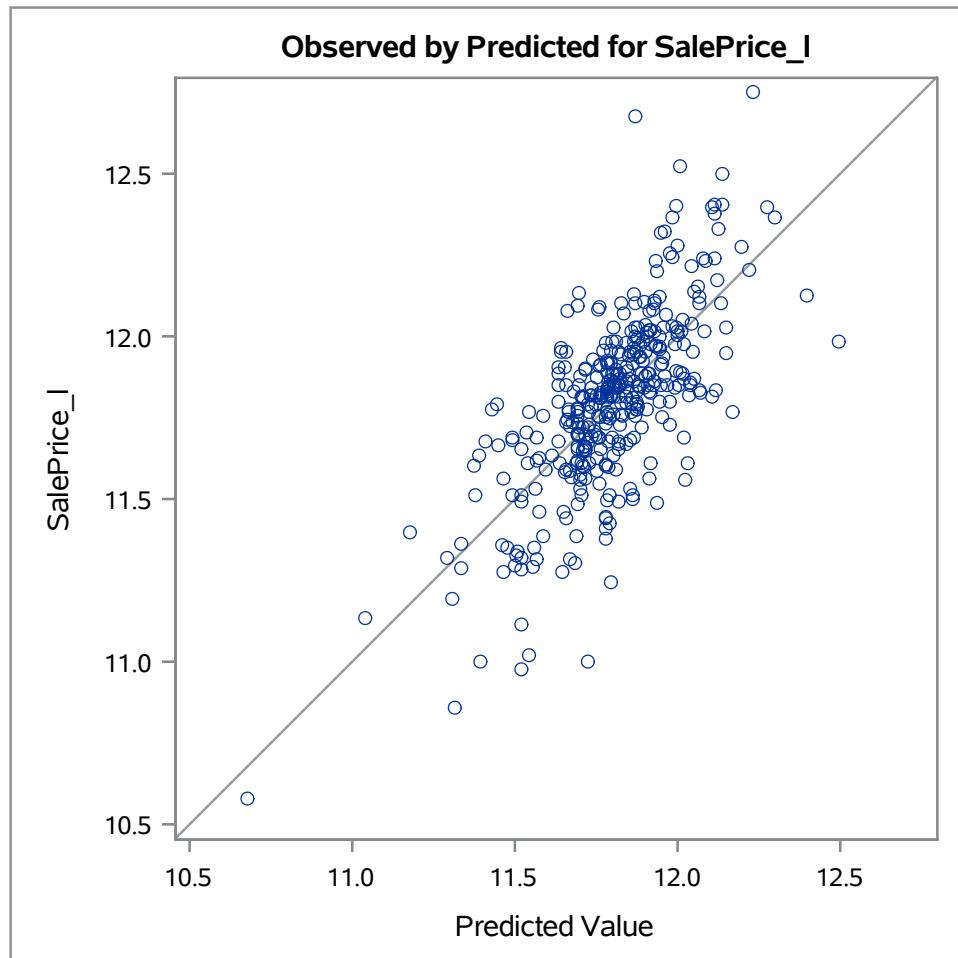
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



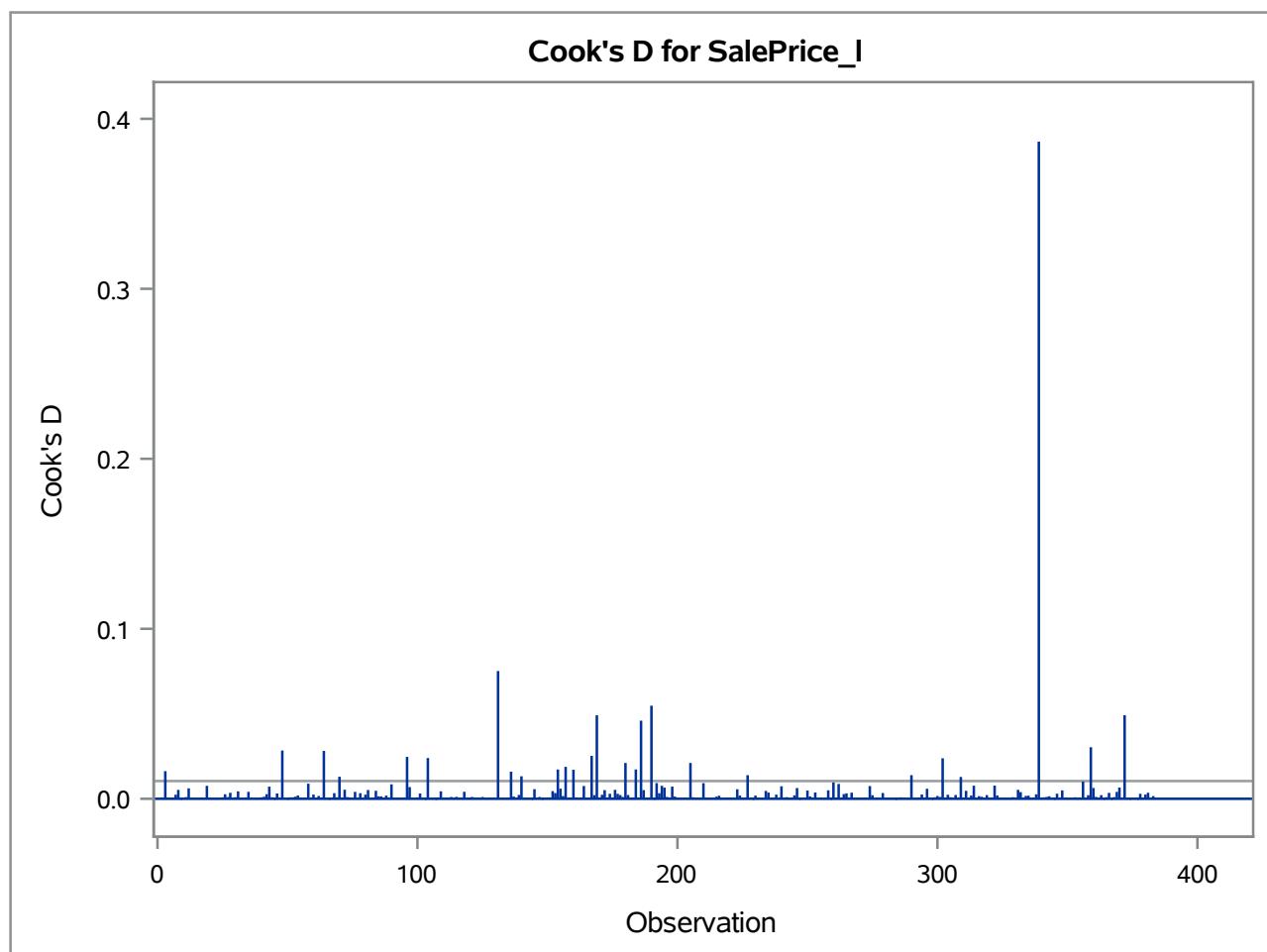
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



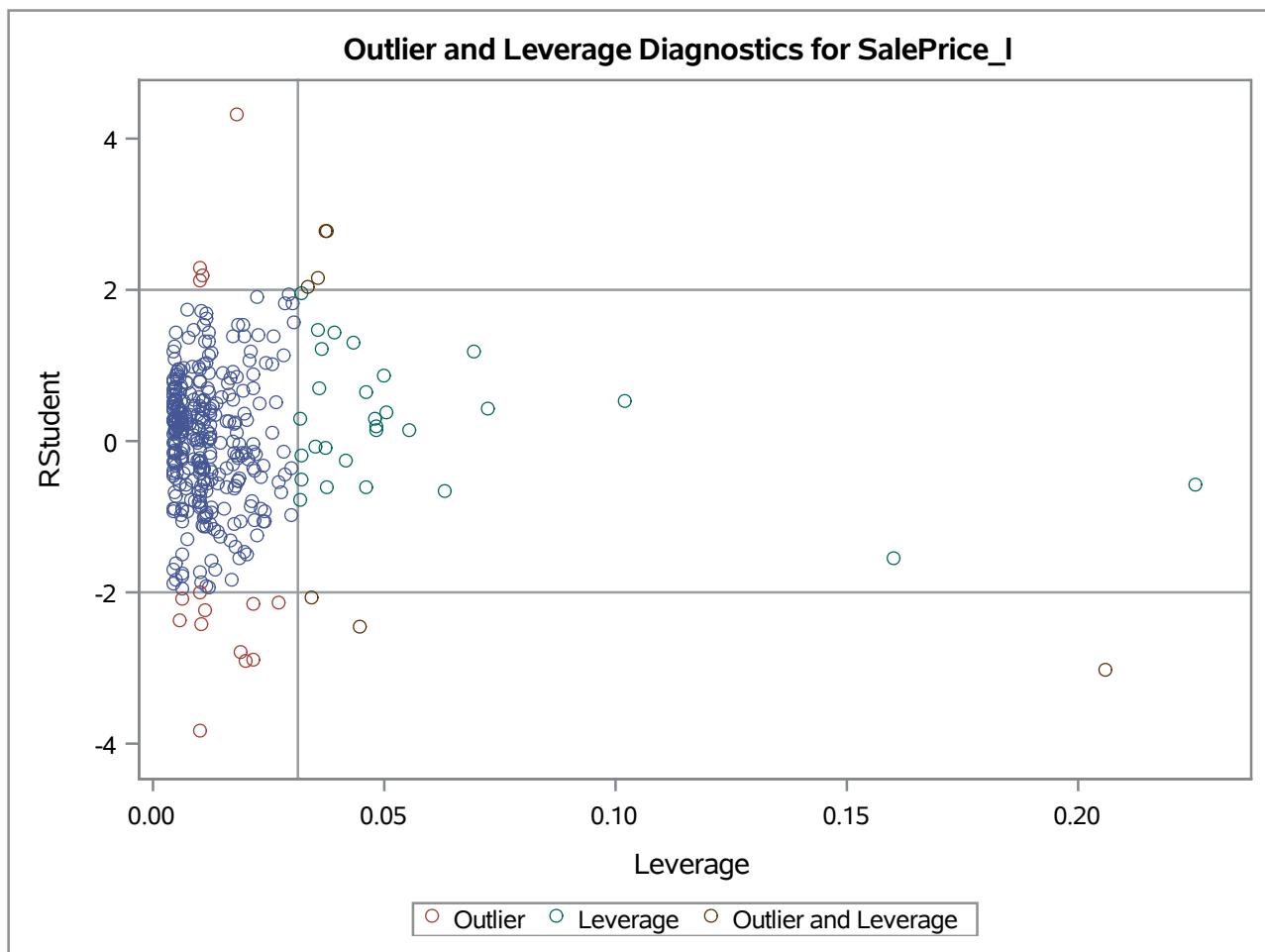
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



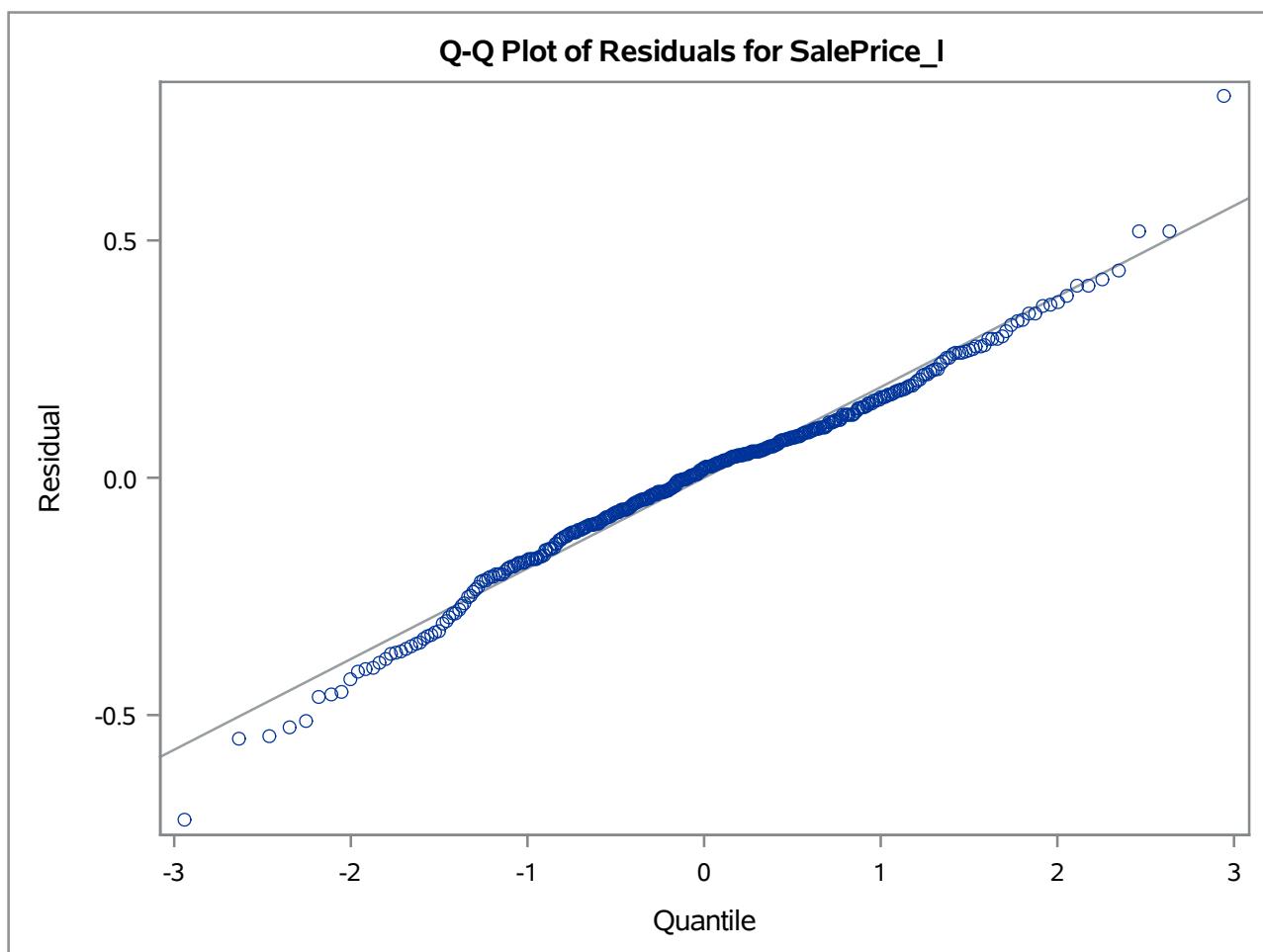
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



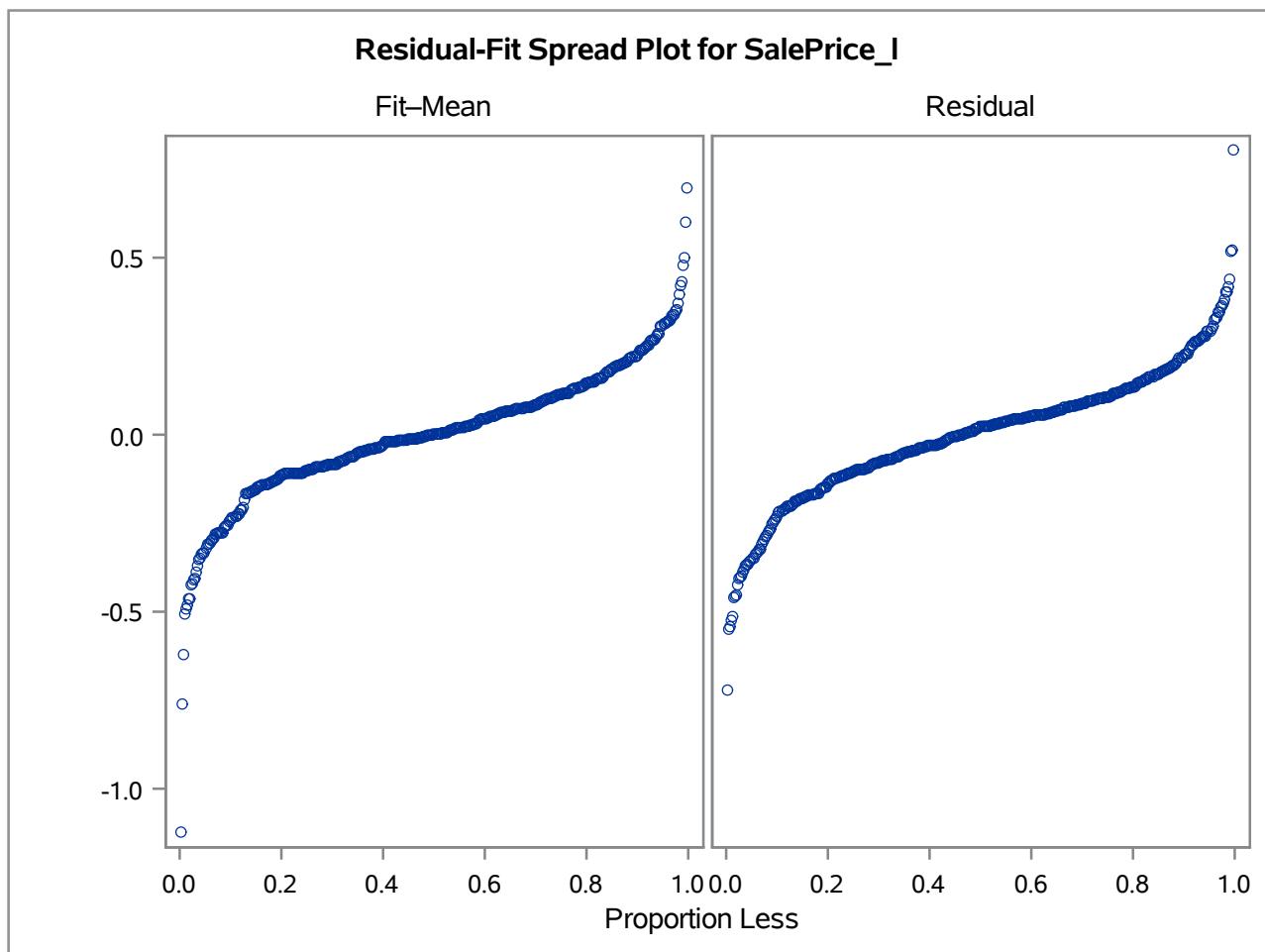
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



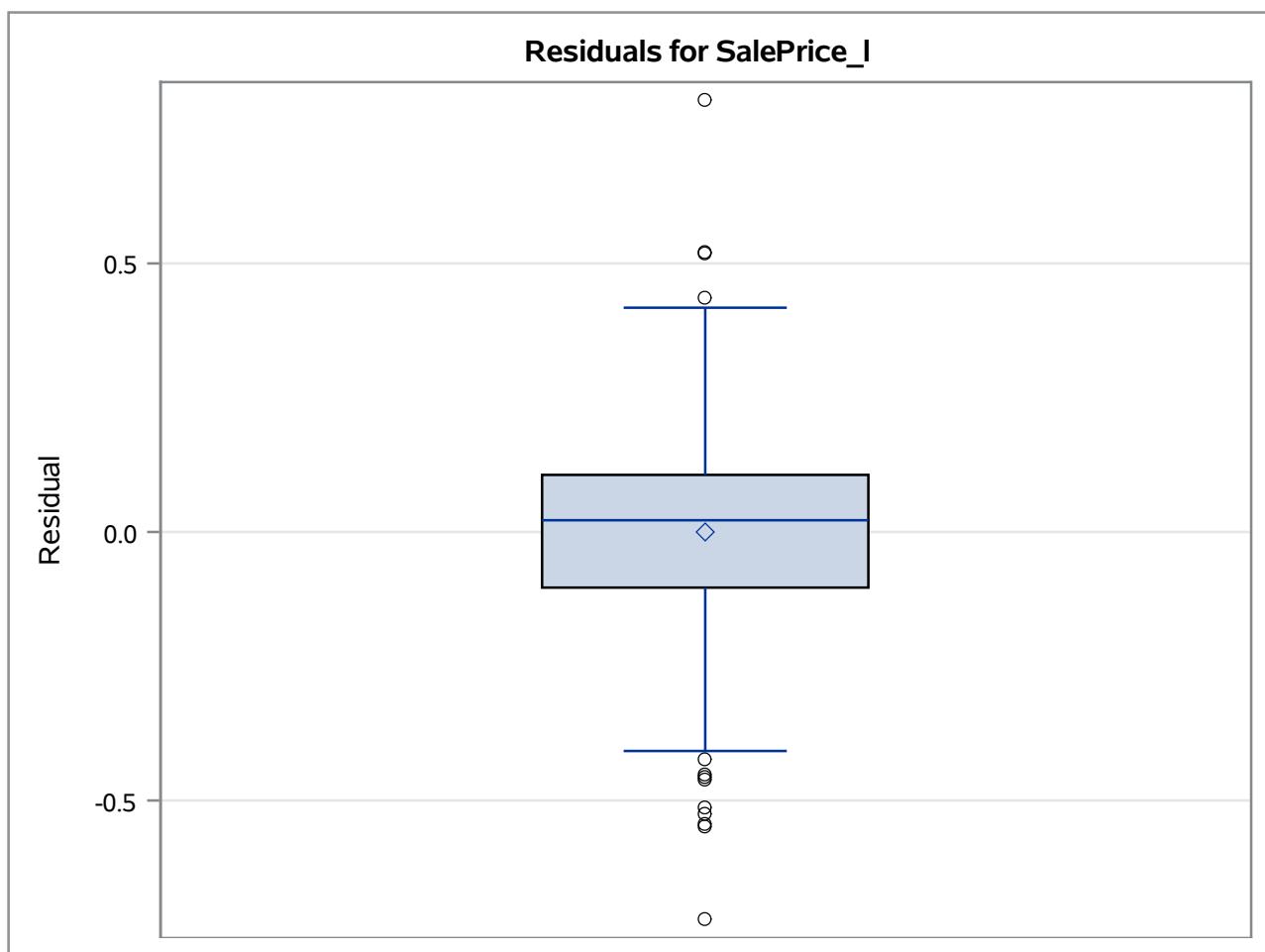
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



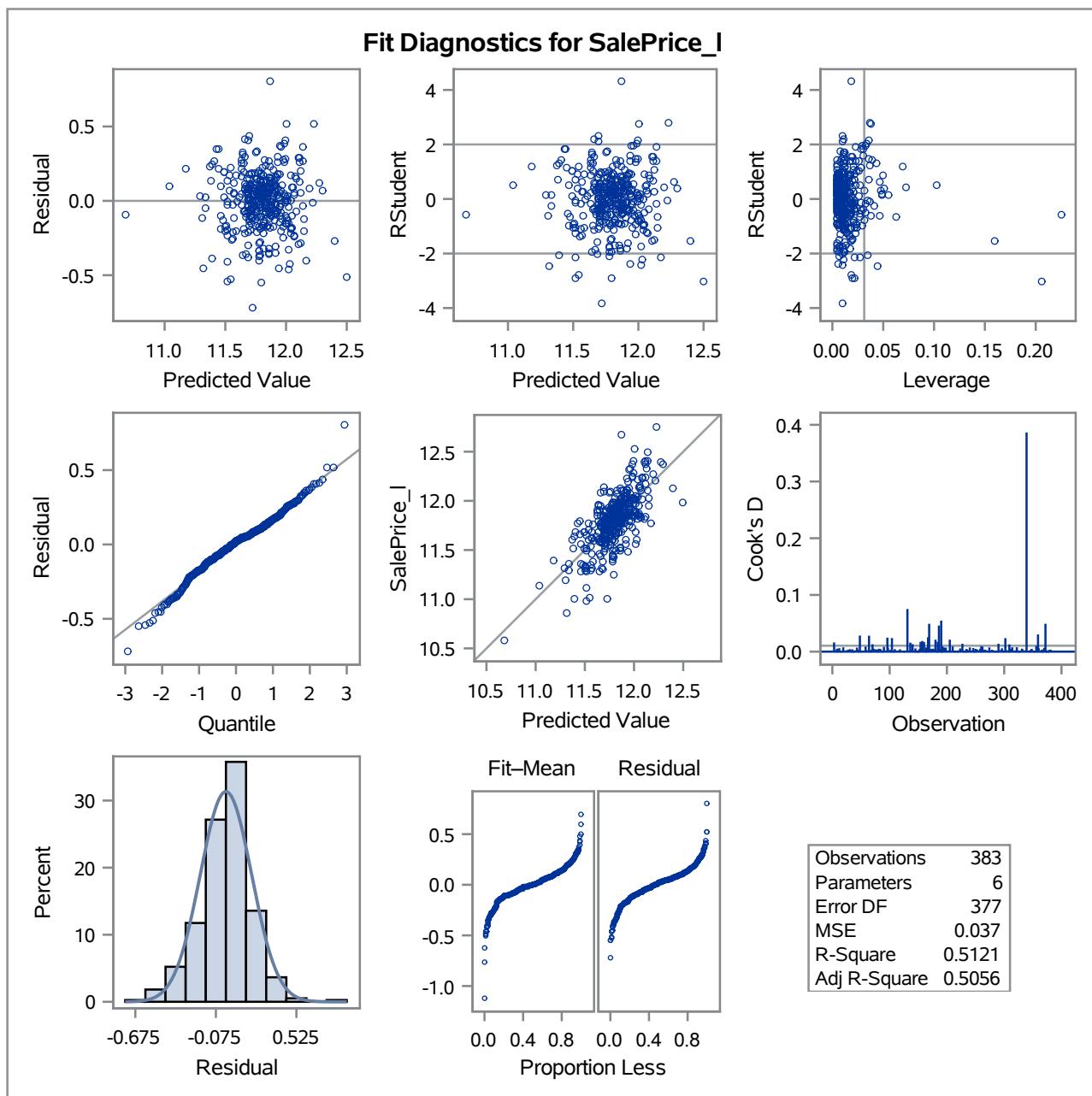
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



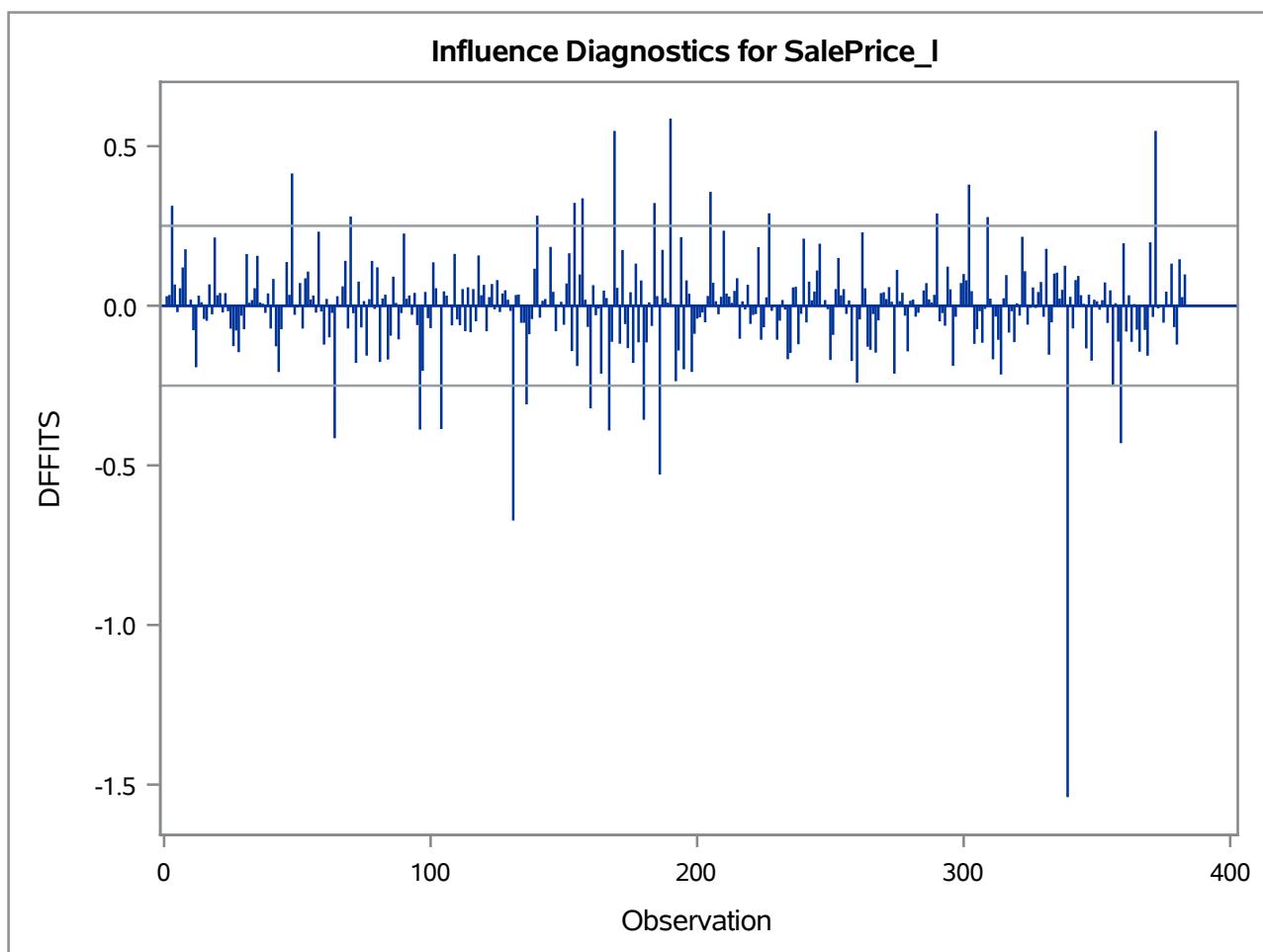
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



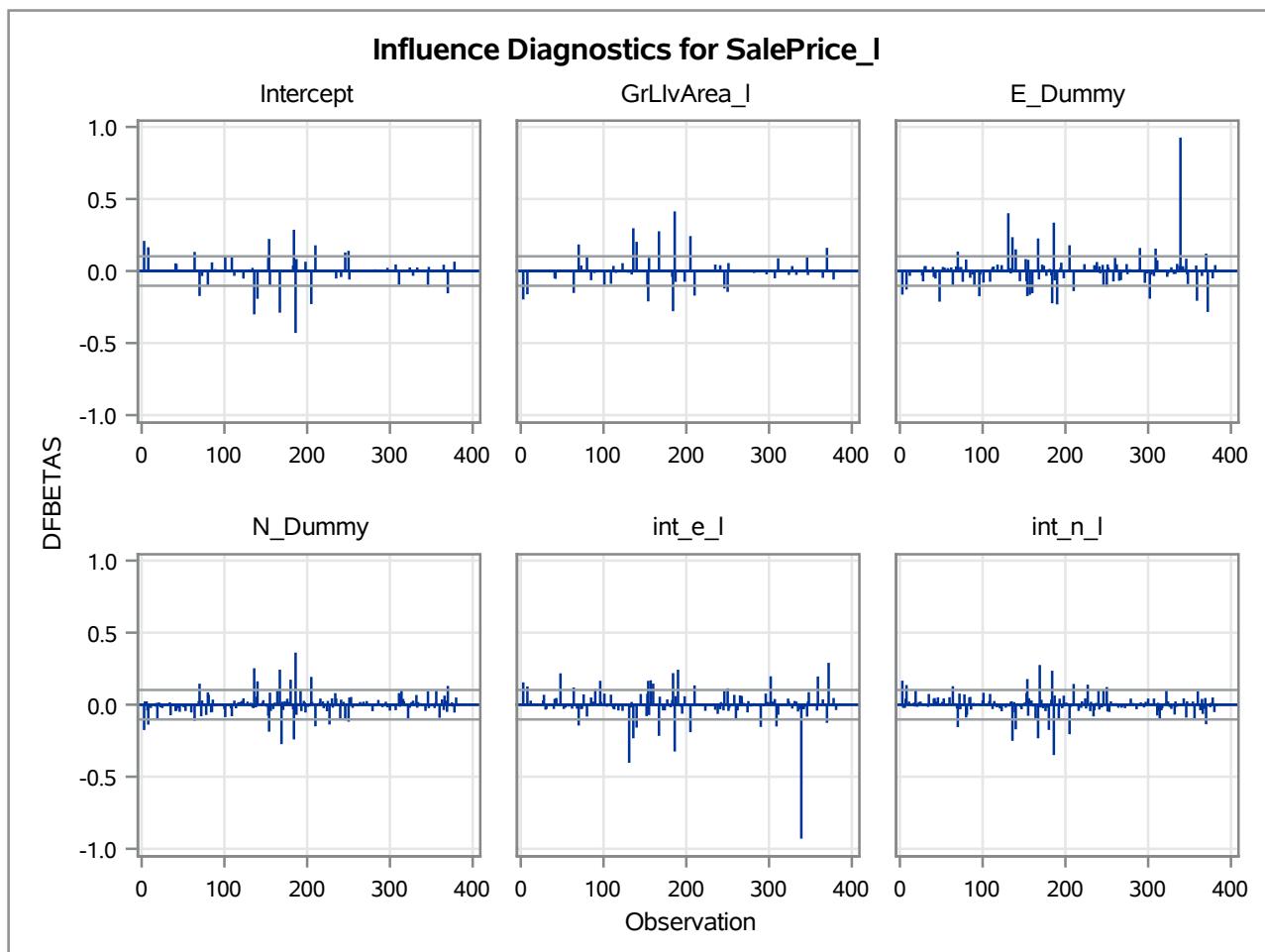
The REG Procedure
 Model: MODEL1
 Dependent Variable: SalePrice_I



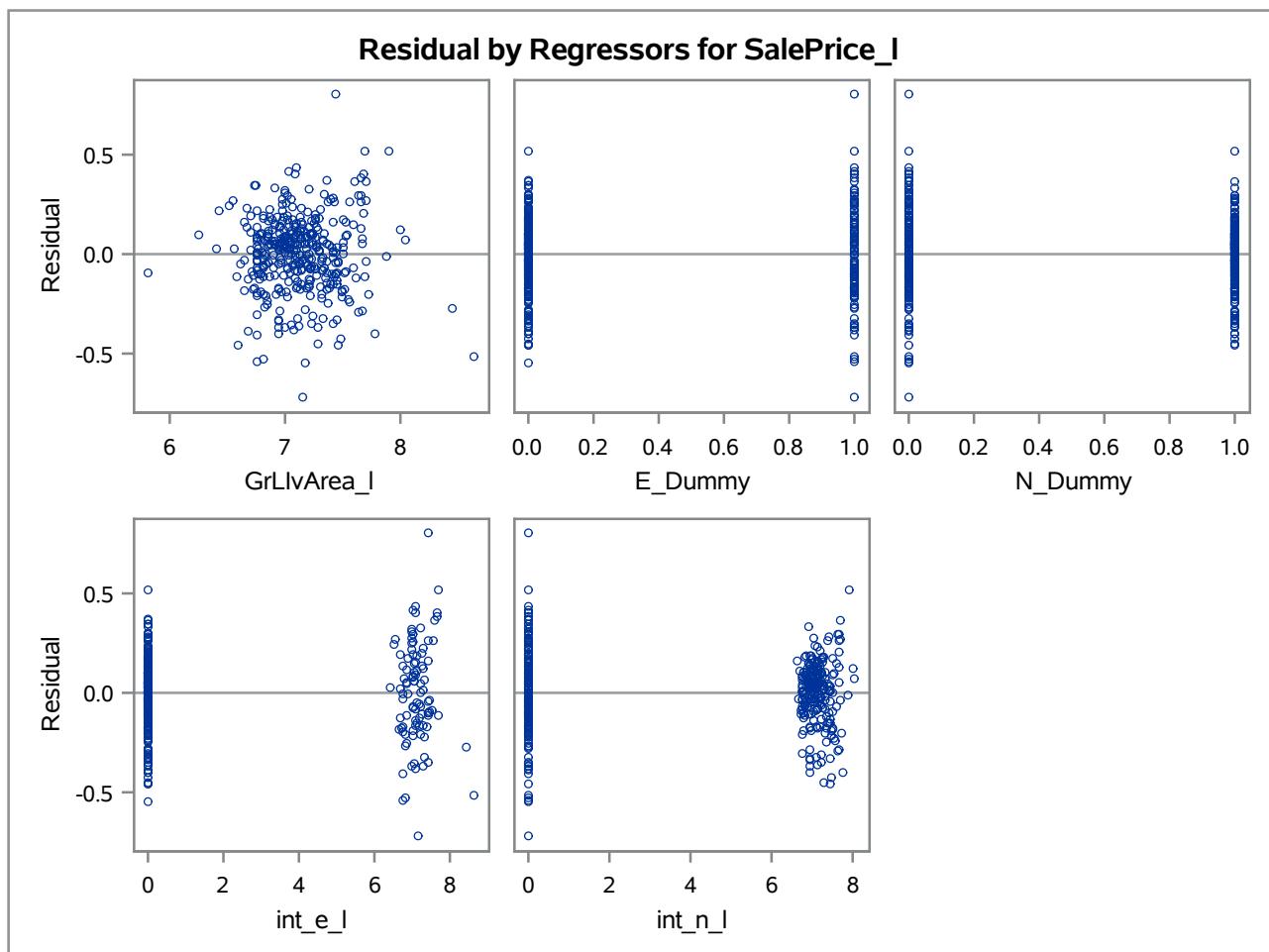
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
GrLlvArea_I	383	7.1193132	0.3120173	5.8111410	8.6379939
E_Dummy	383	0.2610966	0.4398070	0	1.0000000
N_Dummy	383	0.5874674	0.4929340	0	1.0000000

Log-Log MLR with Dummy and Centered Interactions

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Number of Observations Read	383
Number of Observations Used	383

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	14.62858	2.92572	79.14	<.0001
Error	377	13.93775	0.03697		
Corrected Total	382	28.56633			

Root MSE	0.19228	R-Square	0.5121
Dependent Mean	11.79887	Adj R-Sq	0.5056
Coeff Var	1.62962		

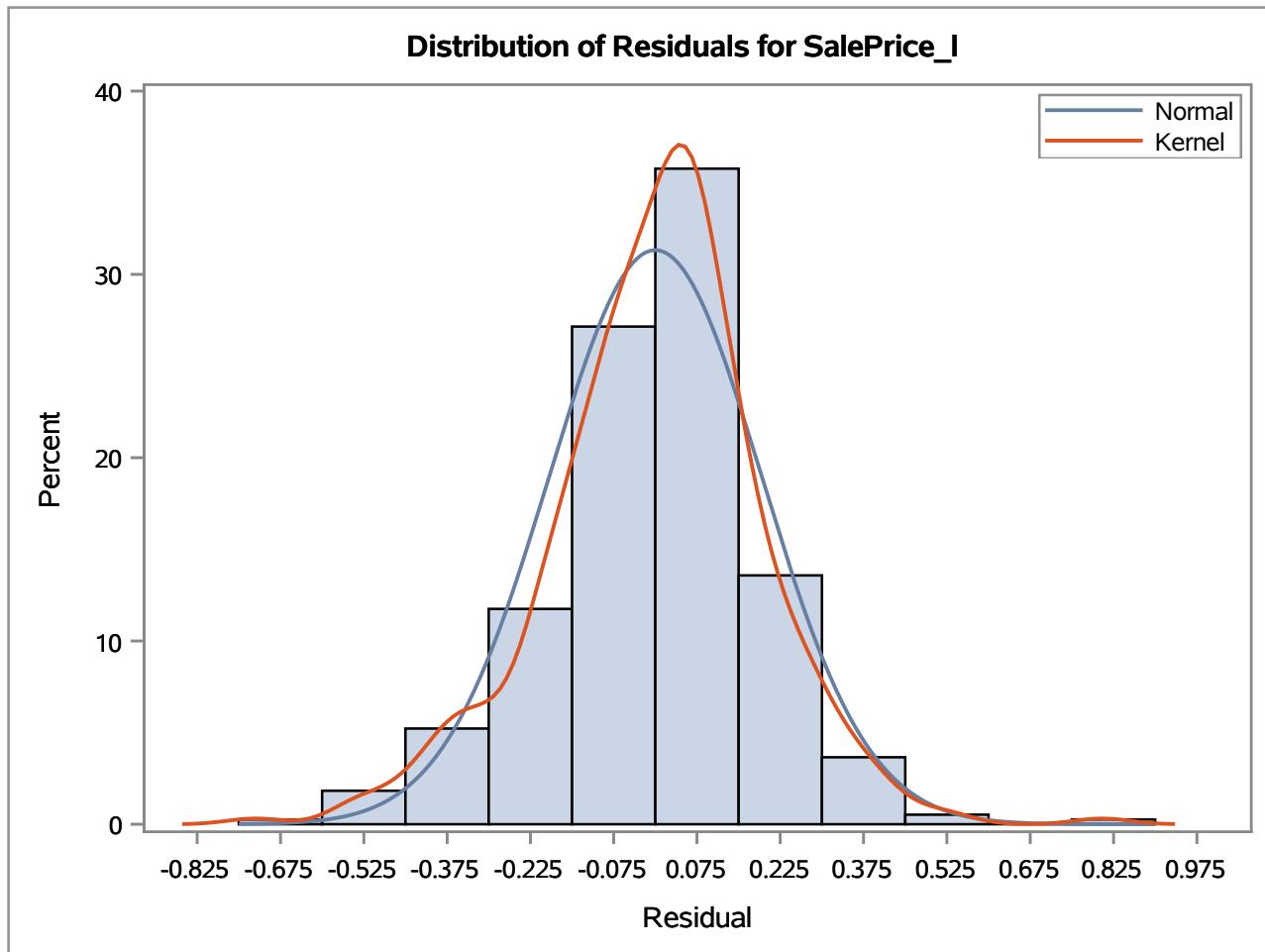
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	7.92024	0.22985	34.46	<.0001
GrLlvArea_I	1	0.53769	0.03236	16.61	<.0001
E_Dummy	1	-0.04207	0.03230	-1.30	0.1936
N_Dummy	1	0.11208	0.02895	3.87	0.0001
centE	1	-0.29998	0.09122	-3.29	0.0011
centN	1	-0.34662	0.08482	-4.09	<.0001

Log-Log MLR with Dummy and Centered Interactions

The REG Procedure

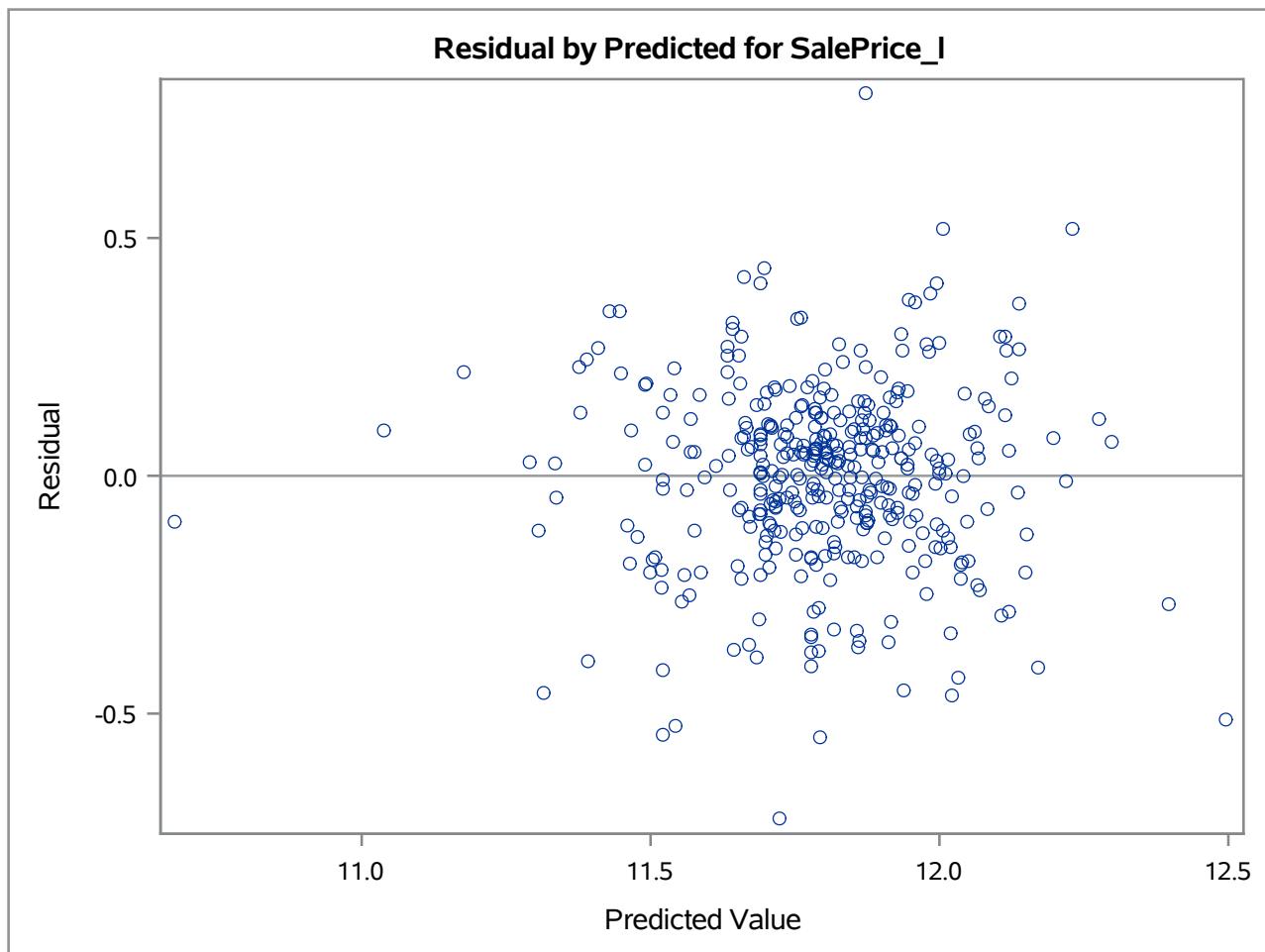
Model: MODEL1

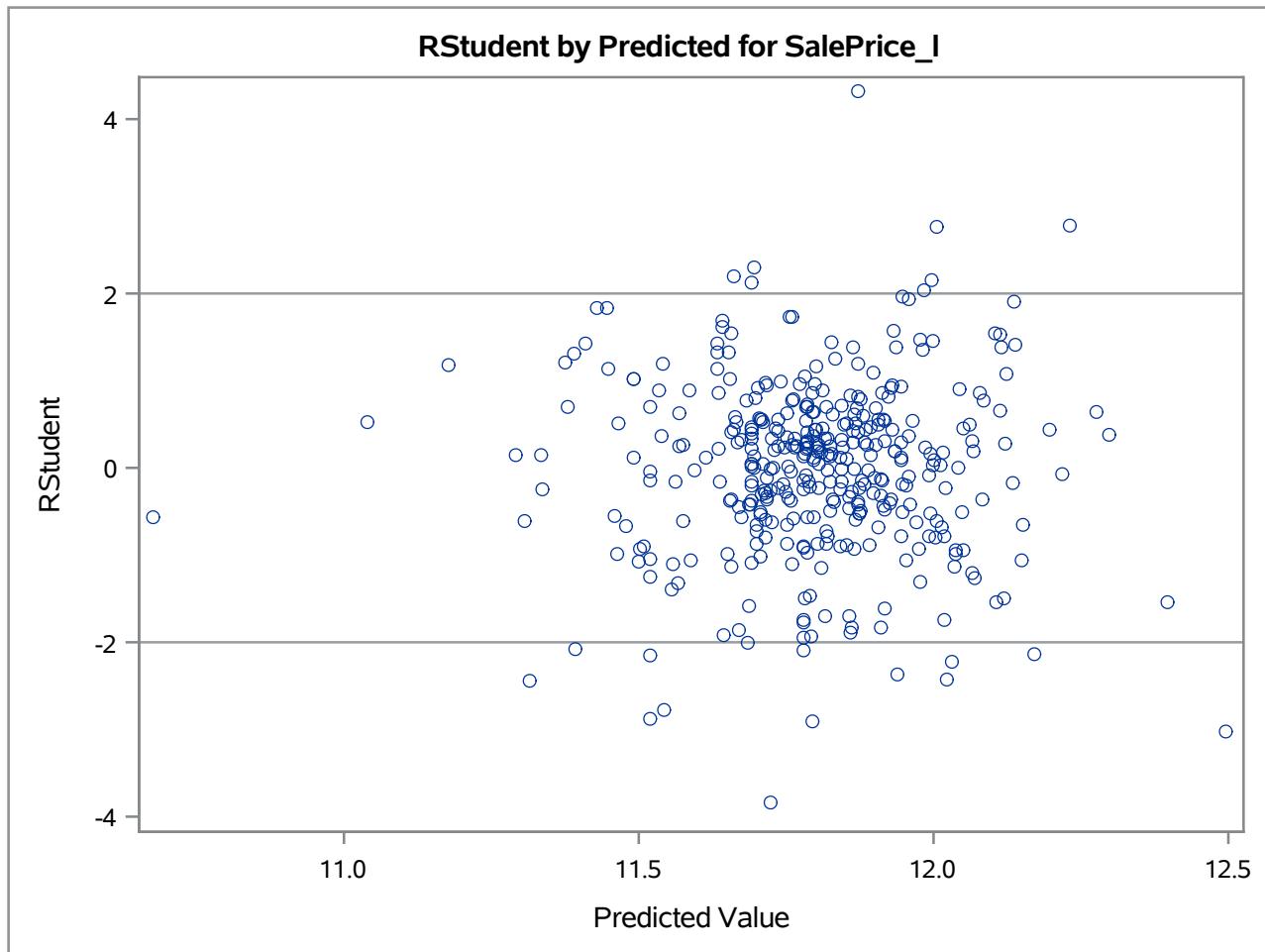
Dependent Variable: SalePrice_I



Log-Log MLR with Dummy and Centered Interactions

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



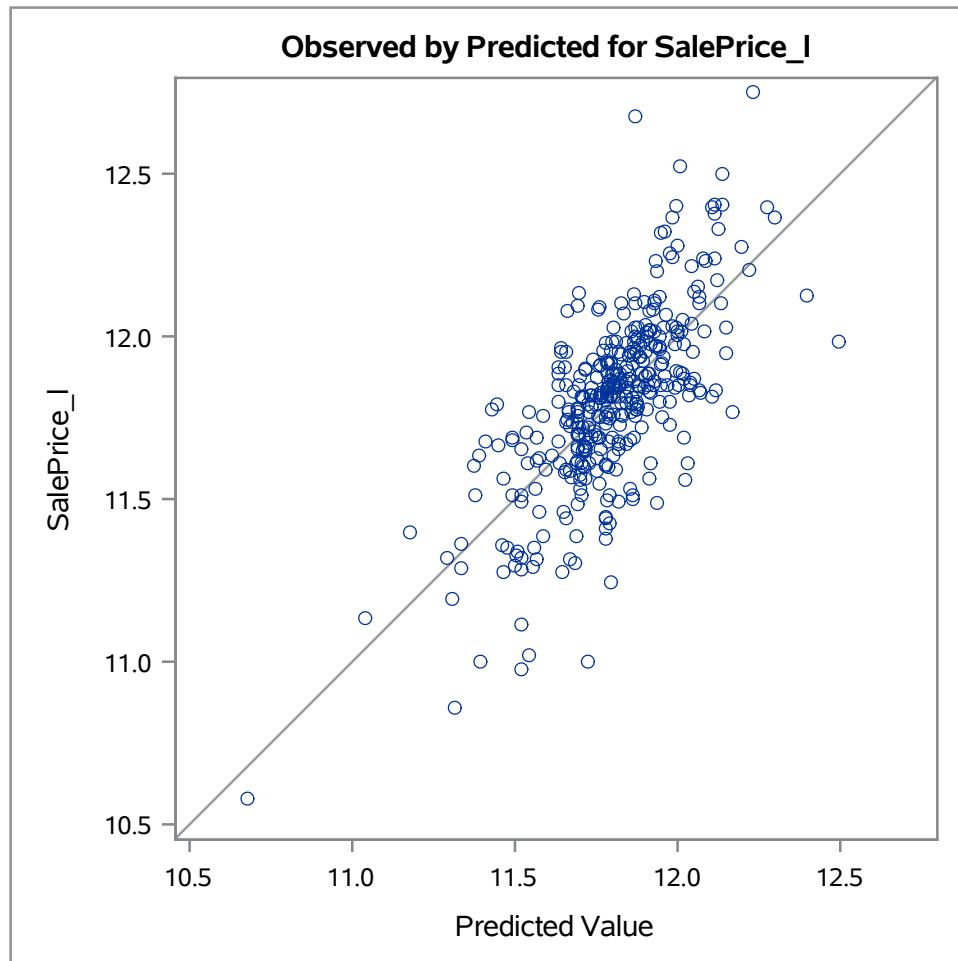
Log-Log MLR with Dummy and Centered Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

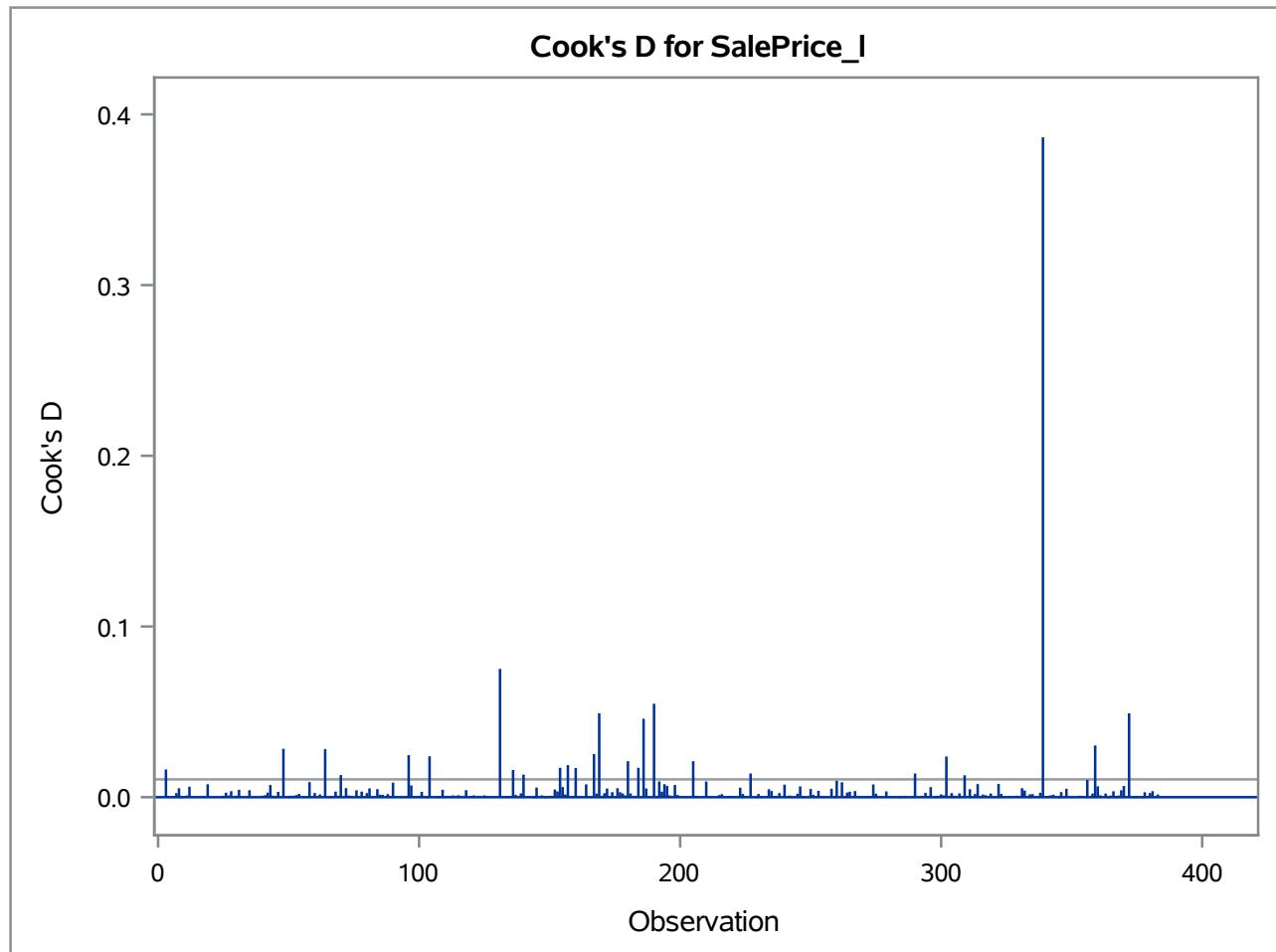
Log-Log MLR with Dummy and Centered Interactions

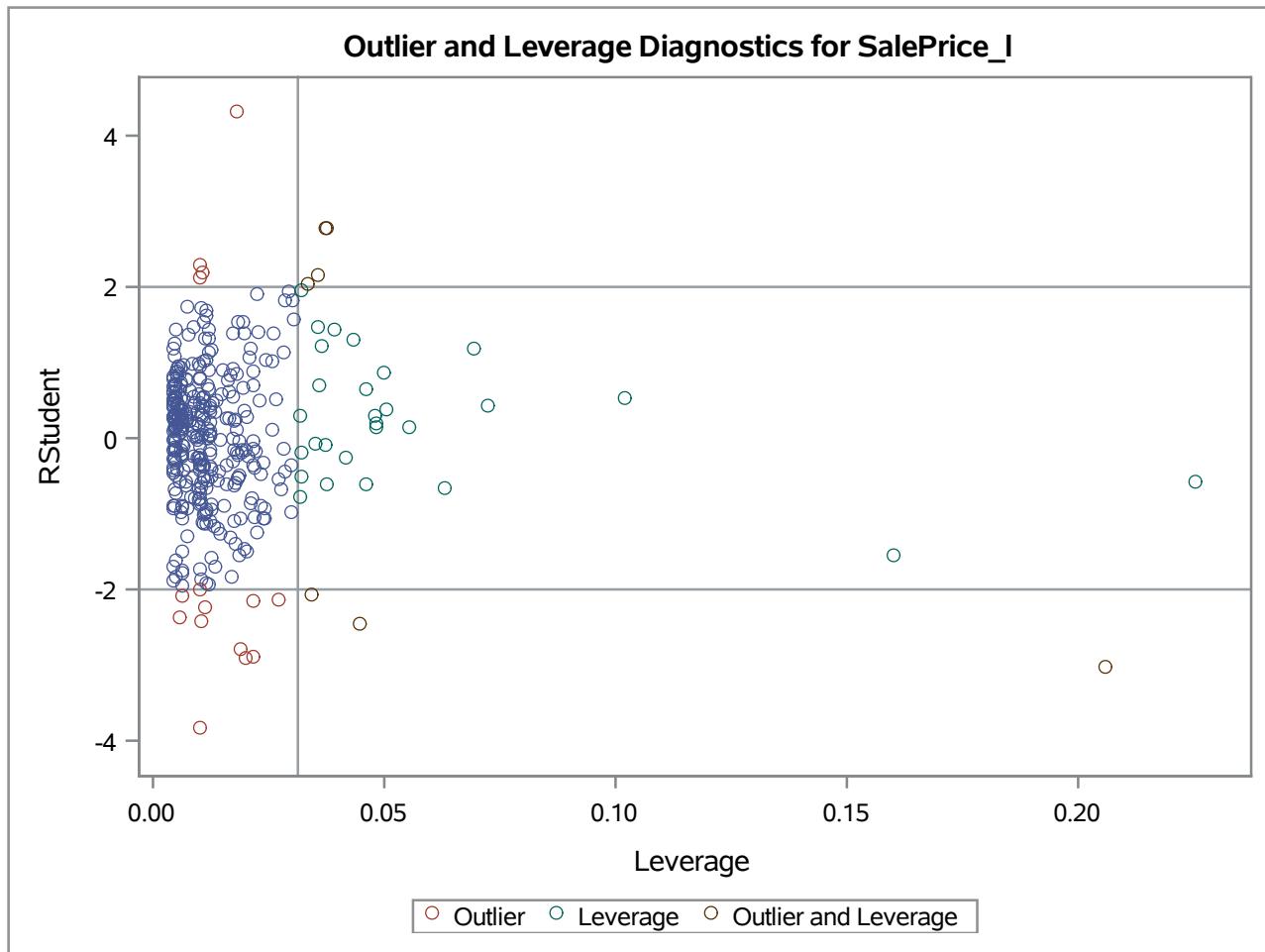
The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



Log-Log MLR with Dummy and Centered Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

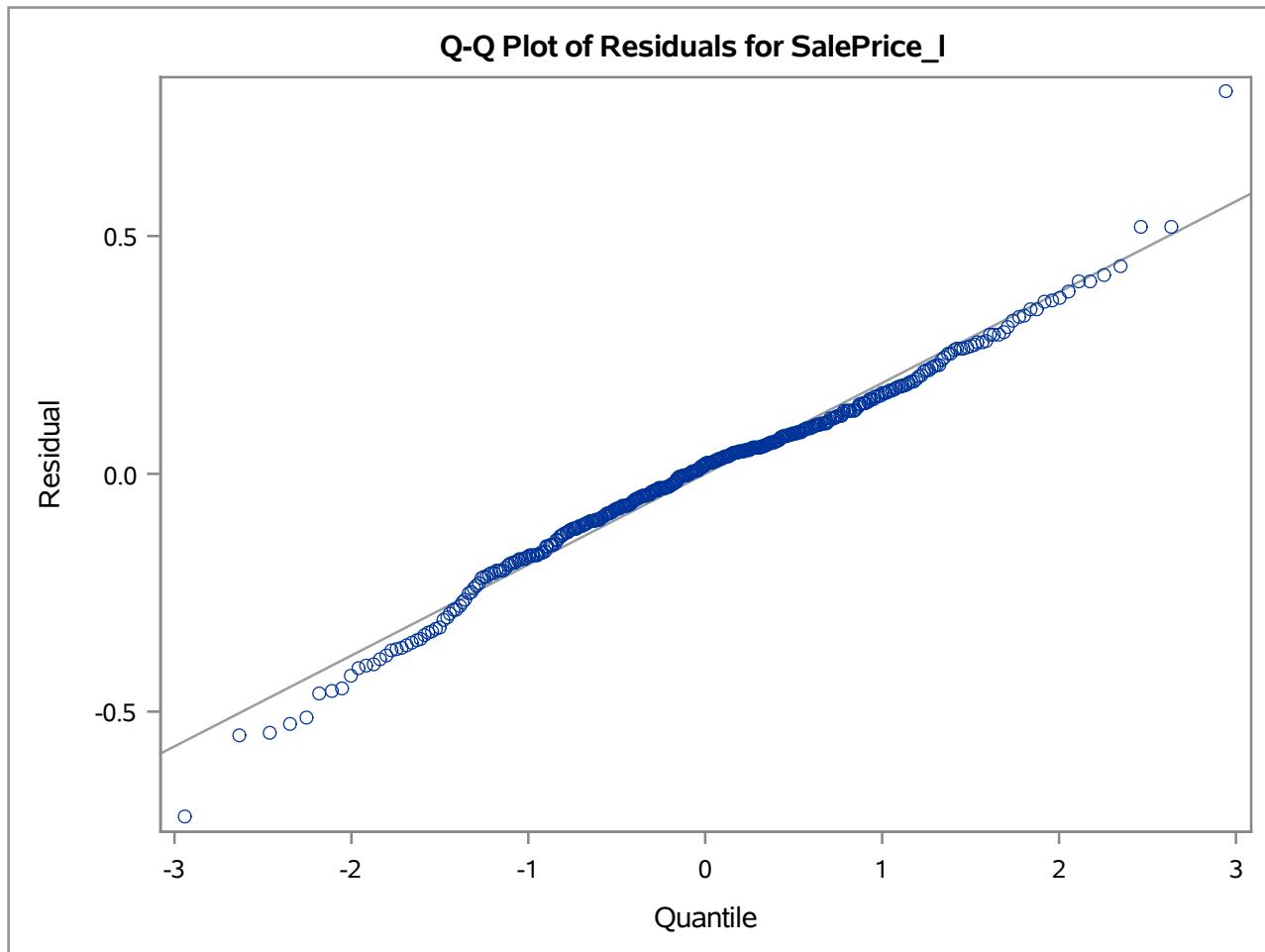
Log-Log MLR with Dummy and Centered Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Log-Log MLR with Dummy and Centered Interactions

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



Log-Log MLR with Dummy and Centered Interactions

The REG Procedure

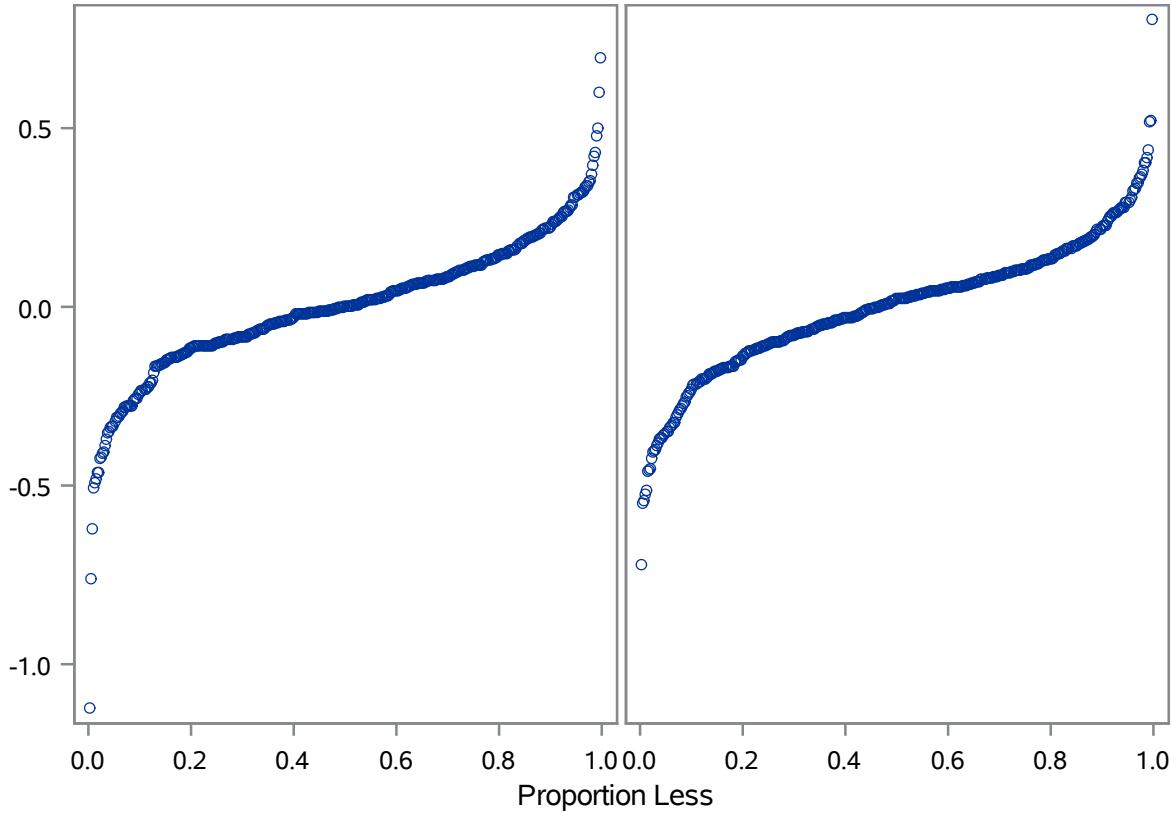
Model: MODEL1

Dependent Variable: SalePrice_I

Residual-Fit Spread Plot for SalePrice_I

Fit-Mean

Residual

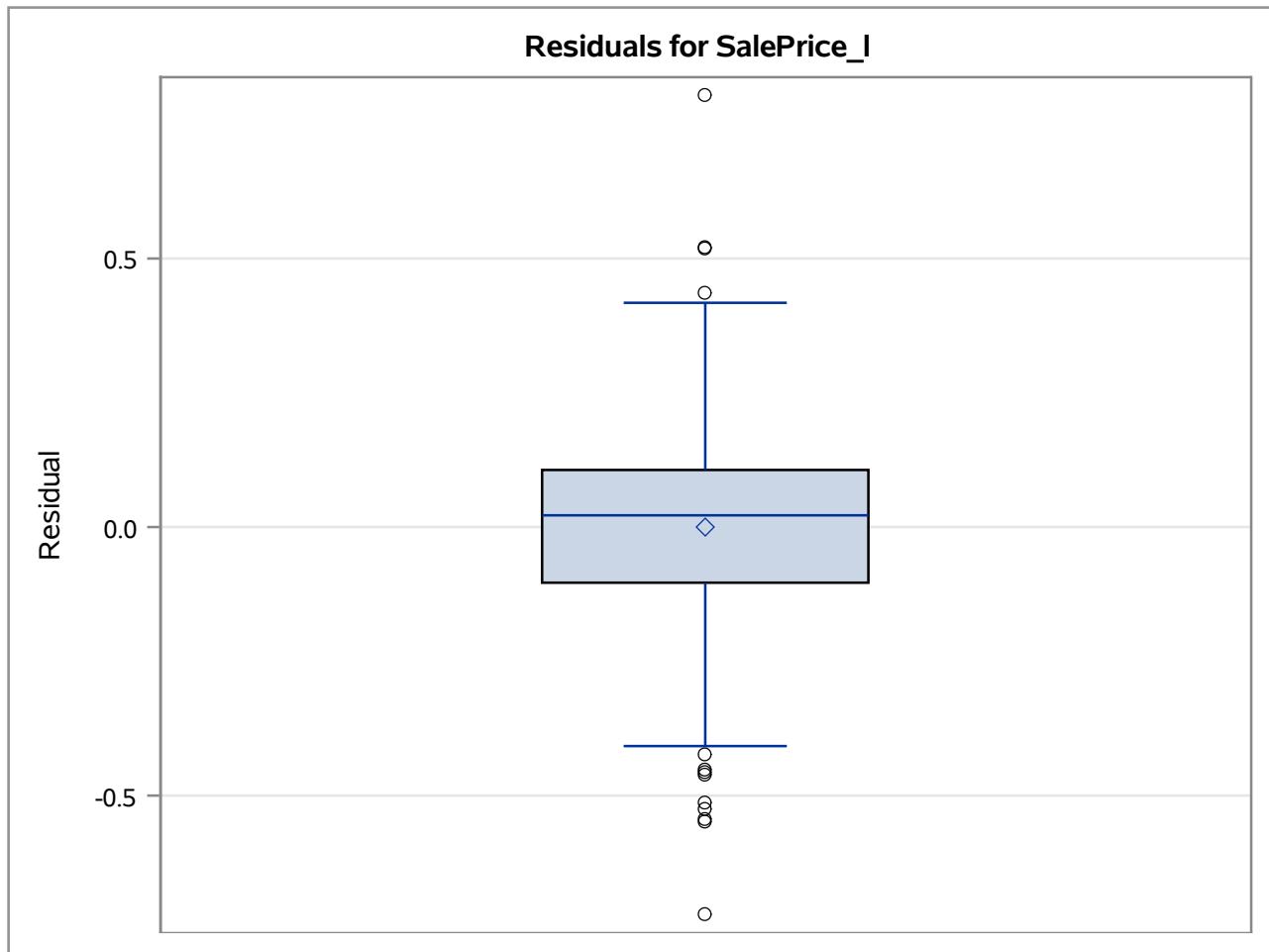


Log-Log MLR with Dummy and Centered Interactions

The REG Procedure

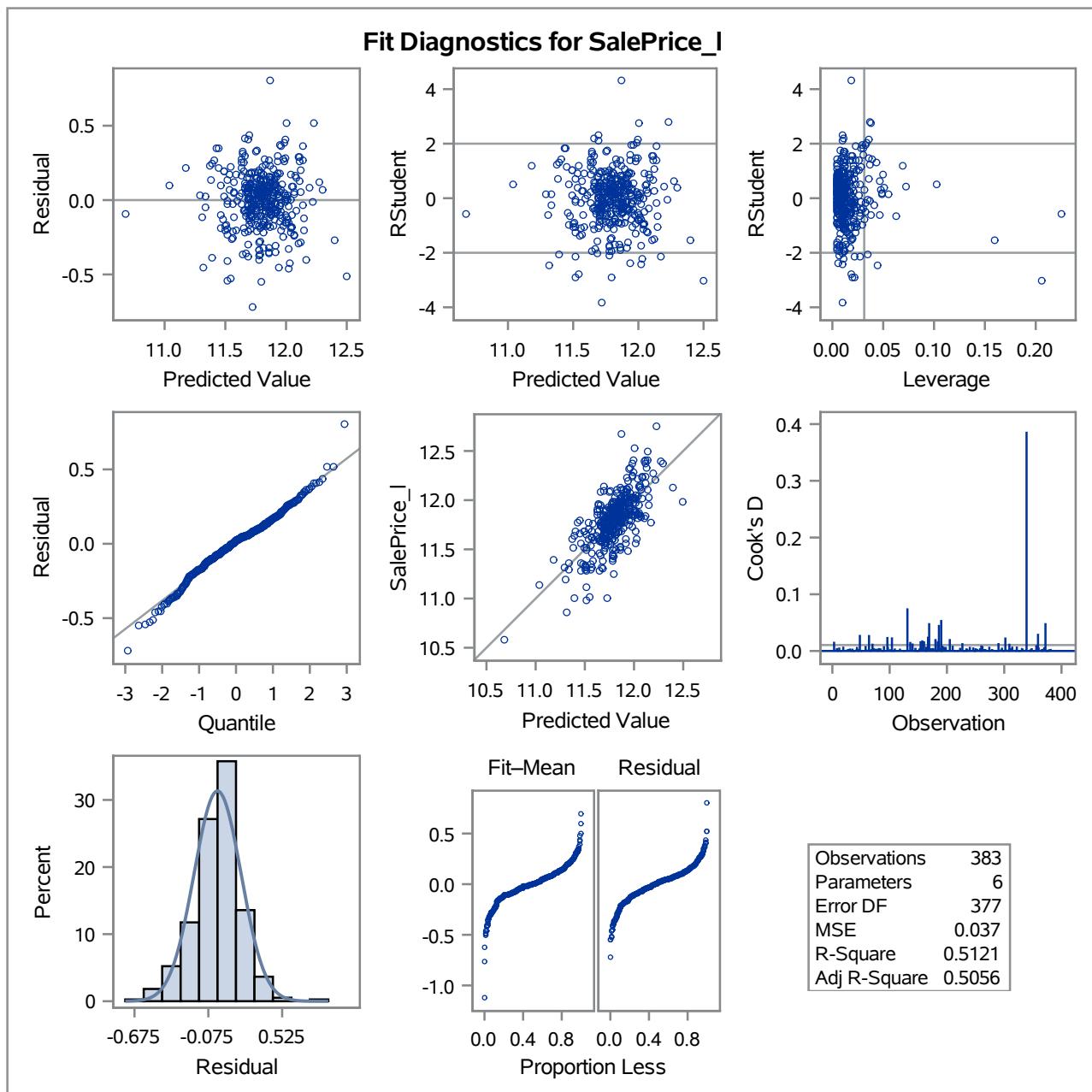
Model: MODEL1

Dependent Variable: SalePrice_I



Log-Log MLR with Dummy and Centered Interactions

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

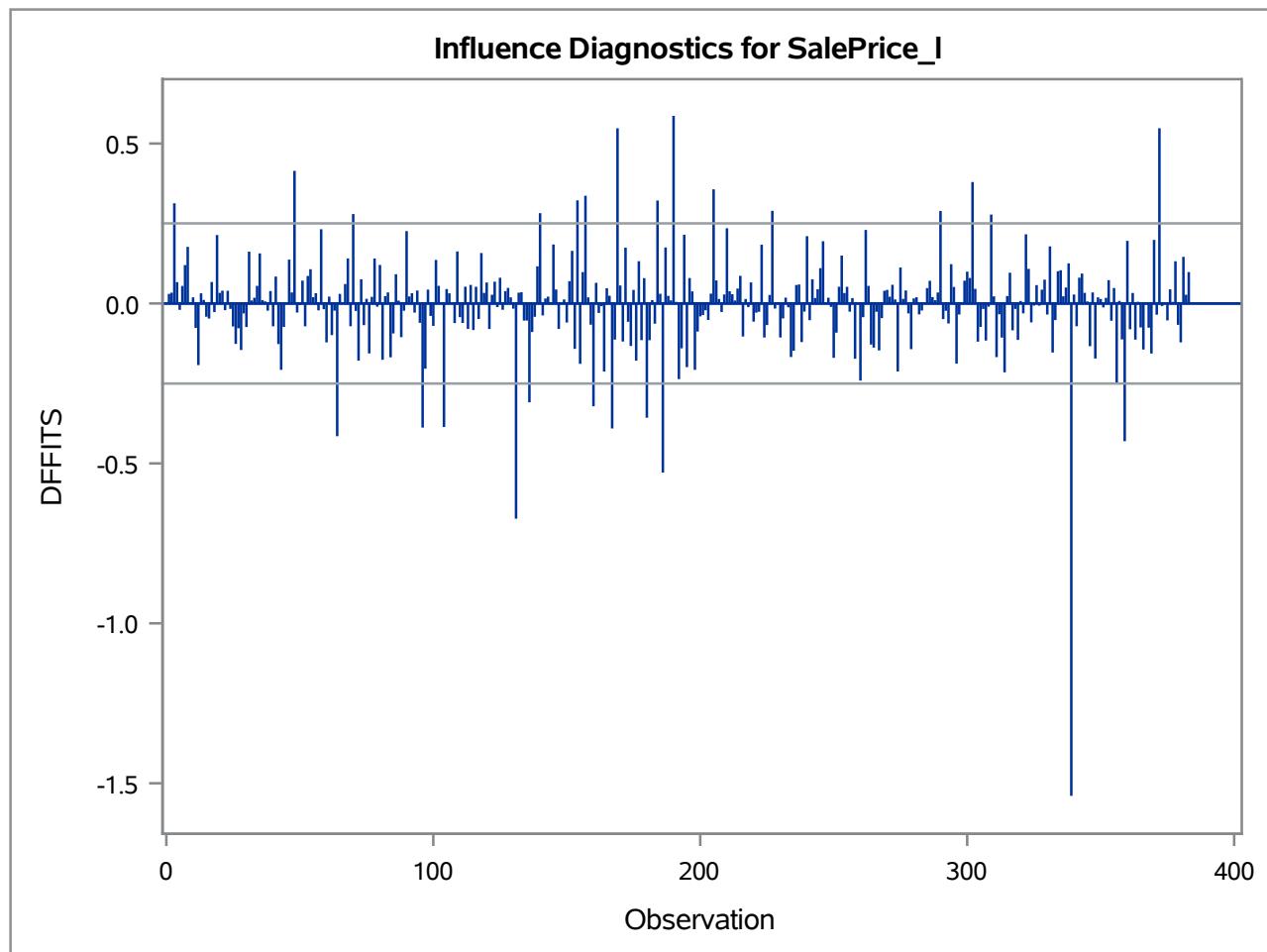


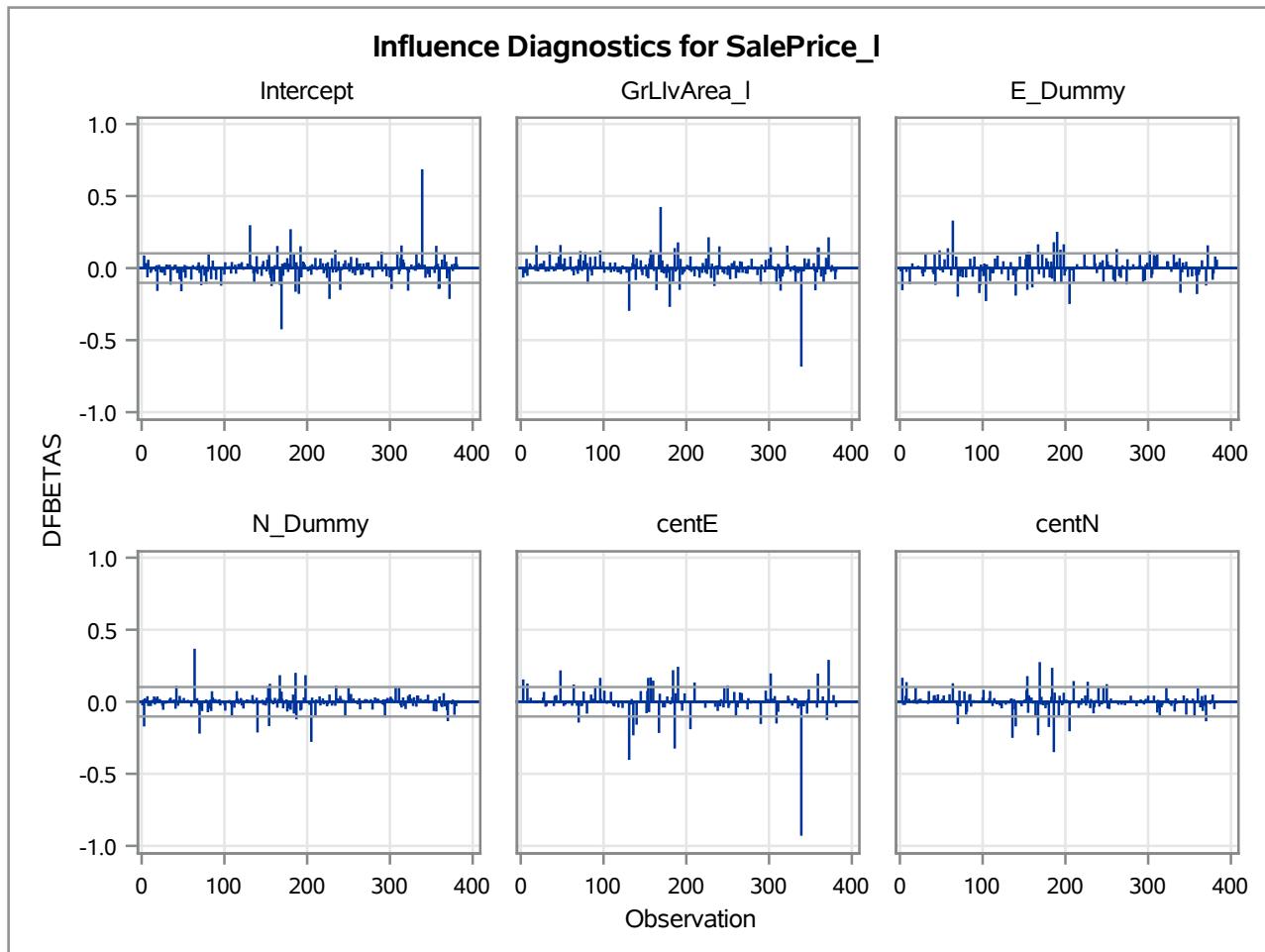
Log-Log MLR with Dummy and Centered Interactions

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



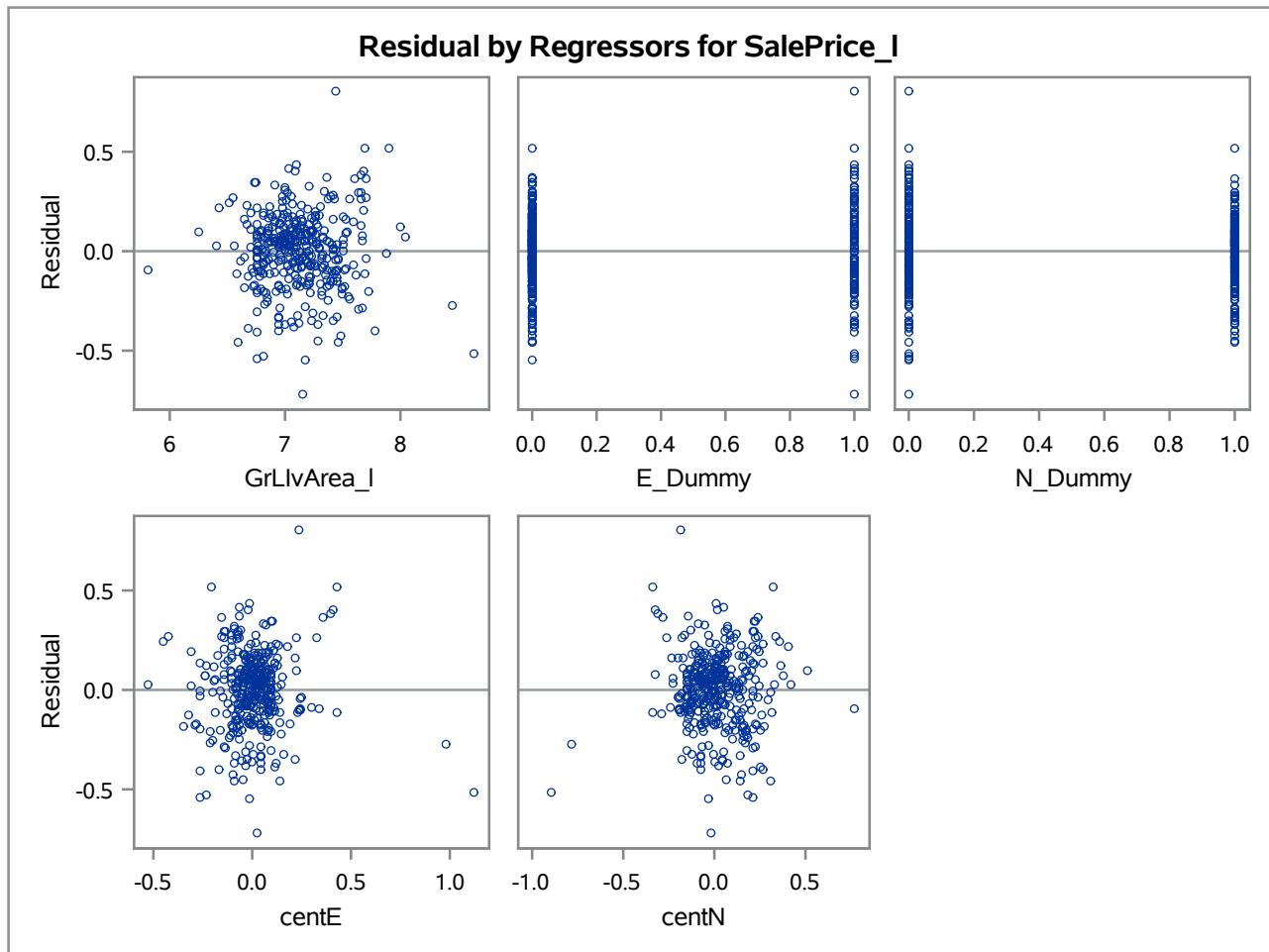
Log-Log MLR with Dummy and Centered Interactions**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Log-Log MLR with Dummy and Centered Interactions

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



The CONTENTS Procedure

Data Set Name	WORK.TRAIN	Observations	2919
Member Type	DATA	Variables	81
Engine	V9	Indexes	0
Created	04/12/2019 21:33:00	Observation Length	472
Last Modified	04/12/2019 21:33:20	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	11
First Data Page	1
Max Obs per Page	277
Obs in First Data Page	250
Number of Data Set Repairs	0
Filename	/saswork/SAS_work4E050001B7E7_odaws02-prod-us/SAS_work72A60001B7E7_odaws02-prod-us/train.sas7bdat
Release Created	9.0401M5
Host Created	Linux
Inode Number	1074792304
Access Permission	rw-r--r--
Owner Name	eric.balke
File Size	2MB
File Size (bytes)	1572864

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
44	1stFlrSF	Num	8	BEST12.	BEST32.
45	2ndFlrSF	Num	8	BEST12.	BEST32.
70	3SsnPorch	Num	8	BEST12.	BEST32.
7	Alley	Char	2	\$2.	\$2.
52	BedroomAbvGr	Num	8	BEST12.	BEST32.
16	BldgType	Char	6	\$6.	\$6.
32	BsmtCond	Char	2	\$2.	\$2.
33	BsmtExposure	Char	2	\$2.	\$2.
35	BsmtFinSF1	Num	8	BEST12.	BEST32.

The CONTENTS Procedure

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
37	BsmtFinSF2	Num	8	BEST12.	BEST32.
34	BsmtFinType1	Char	3	\$3.	\$3.
36	BsmtFinType2	Char	3	\$3.	\$3.
48	BsmtFullBath	Num	8	BEST12.	BEST32.
49	BsmtHalfBath	Num	8	BEST12.	BEST32.
31	BsmtQual	Char	2	\$2.	\$2.
38	BsmtUnfSF	Num	8	BEST12.	BEST32.
42	CentralAir	Char	1	\$1.	\$1.
14	Condition1	Char	6	\$6.	\$6.
15	Condition2	Char	6	\$6.	\$6.
43	Electrical	Char	5	\$5.	\$5.
69	EnclosedPorch	Num	8	BEST12.	BEST32.
29	ExterCond	Char	2	\$2.	\$2.
28	ExterQual	Char	2	\$2.	\$2.
24	Exterior1st	Char	7	\$7.	\$7.
25	Exterior2nd	Char	7	\$7.	\$7.
74	Fence	Char	5	\$5.	\$5.
58	FireplaceQu	Char	2	\$2.	\$2.
57	Fireplaces	Num	8	BEST12.	BEST32.
30	Foundation	Char	6	\$6.	\$6.
50	FullBath	Num	8	BEST12.	BEST32.
56	Functional	Char	4	\$4.	\$4.
63	GarageArea	Num	8	BEST12.	BEST32.
62	GarageCars	Num	8	BEST12.	BEST32.
65	GarageCond	Char	2	\$2.	\$2.
61	GarageFinish	Char	3	\$3.	\$3.
64	GarageQual	Char	2	\$2.	\$2.
59	GarageType	Char	7	\$7.	\$7.
60	GarageYrBlt	Char	4	\$4.	\$4.
47	GrLivArea	Num	8	BEST12.	BEST32.
51	HalfBath	Num	8	BEST12.	BEST32.
40	Heating	Char	4	\$4.	\$4.
41	HeatingQC	Char	2	\$2.	\$2.
17	HouseStyle	Char	6	\$6.	\$6.
1	Id	Num	8	BEST12.	BEST32.
53	KitchenAbvGr	Num	8	BEST12.	BEST32.

The CONTENTS Procedure

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
54	KitchenQual	Char	2	\$2.	\$2.
9	LandContour	Char	3	\$3.	\$3.
12	LandSlope	Char	3	\$3.	\$3.
5	LotArea	Num	8	BEST12.	BEST32.
11	LotConfig	Char	7	\$7.	\$7.
4	LotFrontage	Char	2	\$2.	\$2.
8	LotShape	Char	3	\$3.	\$3.
46	LowQualFinSF	Num	8	BEST12.	BEST32.
2	MSSubClass	Num	8	BEST12.	BEST32.
3	MSZoning	Char	2	\$2.	\$2.
27	MasVnrArea	Num	8	BEST12.	BEST32.
26	MasVnrType	Char	7	\$7.	\$7.
75	MiscFeature	Char	4	\$4.	\$4.
76	MiscVal	Num	8	BEST12.	BEST32.
77	MoSold	Num	8	BEST12.	BEST32.
13	Neighborhood	Char	7	\$7.	\$7.
68	OpenPorchSF	Num	8	BEST12.	BEST32.
19	OverallCond	Num	8	BEST12.	BEST32.
18	OverallQual	Num	8	BEST12.	BEST32.
66	PavedDrive	Char	1	\$1.	\$1.
72	PoolArea	Num	8	BEST12.	BEST32.
73	PoolQC	Char	2	\$2.	\$2.
23	RoofMatl	Char	7	\$7.	\$7.
22	RoofStyle	Char	5	\$5.	\$5.
80	SaleCondition	Char	7	\$7.	\$7.
81	SalePrice	Num	8	BEST12.	BEST32.
79	SaleType	Char	3	\$3.	\$3.
71	ScreenPorch	Num	8	BEST12.	BEST32.
6	Street	Char	4	\$4.	\$4.
55	TotRmsAbvGrd	Num	8	BEST12.	BEST32.
39	TotalBsmtSF	Num	8	BEST12.	BEST32.
10	Utilities	Char	6	\$6.	\$6.
67	WoodDeckSF	Num	8	BEST12.	BEST32.
20	YearBuilt	Num	8	BEST12.	BEST32.
21	YearRemodAdd	Num	8	BEST12.	BEST32.
78	YrSold	Num	8	BEST12.	BEST32.

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope
1	1	60	RL	65	8450	Pave	NA	Reg	Lvl	AllPub	Inside	Gtl
2	2	20	RL	80	9600	Pave	NA	Reg	Lvl	AllPub	FR2	Gtl
3	3	60	RL	68	11250	Pave	NA	IR1	Lvl	AllPub	Inside	Gtl

Obs	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt	YearRemodAdd	RoofStyle
1	CollgCr	Norm	Norm	1Fam	2Story	7	5	2003	2003	Gable
2	Veenker	Feedr	Norm	1Fam	1Story	6	8	1976	1976	Gable
3	CollgCr	Norm	Norm	1Fam	2Story	7	5	2001	2002	Gable

Obs	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual	BsmtCond
1	CompShg	VinylSd	VinylSd	BrkFace	196	Gd	TA	PCconc	Gd	TA
2	CompShg	MetalSd	MetalSd	None	0	TA	TA	CBlock	Gd	TA
3	CompShg	VinylSd	VinylSd	BrkFace	162	Gd	TA	PCconc	Gd	TA

Obs	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	Heating	HeatingQC
1	No	GLQ	706	Unf	0	150	856	GasA	Ex
2	Gd	ALQ	978	Unf	0	284	1262	GasA	Ex
3	Mn	GLQ	486	Unf	0	434	920	GasA	Ex

Obs	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath	BsmtHalfBath	FullBath	HalfBath
1	Y	SBrkr	856	854	0	1710	1	0	2	1
2	Y	SBrkr	1262	0	0	1262	0	1	2	0
3	Y	SBrkr	920	866	0	1786	1	0	2	1

Obs	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces	FireplaceQu	GarageType	GarageYrBlt
1	3	1	Gd	8	Typ	0	NA	Attchd	2003
2	3	1	TA	6	Typ	1	TA	Attchd	1976
3	3	1	Gd	6	Typ	1	TA	Attchd	2001

Obs	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive	WoodDeckSF	OpenPorchSF	EnclosedPorch
1	RFn	2	548	TA	TA	Y	0	61	0
2	RFn	2	460	TA	TA	Y	298	0	0
3	RFn	2	608	TA	TA	Y	0	42	0

Obs	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal	MoSold	YrSold	SaleType	SaleCondition	SalePrice
1	0	0	0	NA	NA	NA	0	2	2008	WD	Normal	208500
2	0	0	0	NA	NA	NA	0	5	2007	WD	Normal	181500
3	0	0	0	NA	NA	NA	0	9	2008	WD	Normal	223500

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope
4	4	70	RL	60	9550	Pave	NA	IR1	Lvl	AllPub	Corner	Gtl
5	5	60	RL	84	14260	Pave	NA	IR1	Lvl	AllPub	FR2	Gtl
6	6	50	RL	85	14115	Pave	NA	IR1	Lvl	AllPub	Inside	Gtl

Obs	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt	YearRemodAdd	RoofStyle
4	Crawfor	Norm	Norm	1Fam	2Story	7	5	1915	1970	Gable
5	NoRidge	Norm	Norm	1Fam	2Story	8	5	2000	2000	Gable
6	Mitchel	Norm	Norm	1Fam	1.5Fin	5	5	1993	1995	Gable

Obs	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual	BsmtCond
4	CompShg	Wd Sdng	Wd Shng	None	0	TA	TA	BrkTil	TA	Gd
5	CompShg	VinylSd	VinylSd	BrkFace	350	Gd	TA	PCconc	Gd	TA
6	CompShg	VinylSd	VinylSd	None	0	TA	TA	Wood	Gd	TA

Obs	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	Heating	HeatingQC
4	No	ALQ	216	Unf	0	540	756	GasA	Gd
5	Av	GLQ	655	Unf	0	490	1145	GasA	Ex
6	No	GLQ	732	Unf	0	64	796	GasA	Ex

Obs	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath	BsmtHalfBath	FullBath	HalfBath
4	Y	SBrkr	961	756	0	1717	1	0	1	0
5	Y	SBrkr	1145	1053	0	2198	1	0	2	1
6	Y	SBrkr	796	566	0	1362	1	0	1	1

Obs	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces	FireplaceQu	GarageType	GarageYrBlt
4	3	1	Gd	7	Typ	1	Gd	Detchd	1998
5	4	1	Gd	9	Typ	1	TA	Attchd	2000
6	1	1	TA	5	Typ	0	NA	Attchd	1993

Obs	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive	WoodDeckSF	OpenPorchSF	EnclosedPorch
4	Unf	3	642	TA	TA	Y	0	35	272
5	RFn	3	836	TA	TA	Y	192	84	0
6	Unf	2	480	TA	TA	Y	40	30	0

Obs	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal	MoSold	YrSold	SaleType	SaleCondition	SalePrice
4	0	0	0	NA	NA	NA	0	2	2006	WD	Abnorml	140000
5	0	0	0	NA	NA	NA	0	12	2008	WD	Normal	250000
6	320	0	0	NA	MnPrv	Shed	700	10	2009	WD	Normal	143000

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope
7	7	20	RL	75	10084	Pave	NA	Reg	Lvl	AllPub	Inside	Gtl
8	8	60	RL	NA	10382	Pave	NA	IR1	Lvl	AllPub	Corner	Gtl

Obs	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt	YearRemodAdd	RoofStyle
7	Somerst	Norm	Norm	1Fam	1Story	8	5	2004	2005	Gable
8	NWAmes	PosN	Norm	1Fam	2Story	7	6	1973	1973	Gable

Obs	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual	BsmtCond
7	CompShg	VinylSd	VinylSd	Stone	186	Gd	TA	PConc	Ex	TA
8	CompShg	HdBoard	HdBoard	Stone	240	TA	TA	CBlock	Gd	TA

Obs	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	Heating	HeatingQC
7	Av	GLQ	1369	Unf	0	317	1686	GasA	Ex
8	Mn	ALQ	859	BLQ	32	216	1107	GasA	Ex

Obs	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath	BsmtHalfBath	FullBath	HalfBath
7	Y	SBrkr	1694	0	0	1694	1	0	2	0
8	Y	SBrkr	1107	983	0	2090	1	0	2	1

Obs	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces	FireplaceQu	GarageType	GarageYrBlt
7	3	1	Gd	7	Typ	1	Gd	Attchd	2004
8	3	1	TA	7	Typ	2	TA	Attchd	1973

Obs	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive	WoodDeckSF	OpenPorchSF	EnclosedPorch
7	RFn	2	636	TA	TA	Y	255	57	0
8	RFn	2	484	TA	TA	Y	235	204	228

Obs	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal	MoSold	YrSold	SaleType	SaleCondition	SalePrice
7	0	0	0	NA	NA	NA	0	8	2007	WD	Normal	307000
8	0	0	0	NA	NA	Shed	350	11	2009	WD	Normal	200000

Obs	Id	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope
9	9	50	RM	51	6120	Pave	NA	Reg	Lvl	AllPub	Inside	Gtl
10	10	190	RL	50	7420	Pave	NA	Reg	Lvl	AllPub	Corner	Gtl

Obs	Neighborhood	Condition1	Condition2	BldgType	HouseStyle	OverallQual	OverallCond	YearBuilt	YearRemodAdd	RoofStyle
9	OldTown	Artery	Norm	1Fam	1.5Fin	7	5	1931	1950	Gable
10	BrkSide	Artery	Artery	2fmCon	1.5Unf	5	6	1939	1950	Gable

Obs	RoofMatl	Exterior1st	Exterior2nd	MasVnrType	MasVnrArea	ExterQual	ExterCond	Foundation	BsmtQual	BsmtCond
9	CompShg	BrkFace	Wd Shng	None	0	TA	TA	BrkTil	TA	TA
10	CompShg	MetalSd	MetalSd	None	0	TA	TA	BrkTil	TA	TA

Obs	BsmtExposure	BsmtFinType1	BsmtFinSF1	BsmtFinType2	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	Heating	HeatingQC
9	No	Unf	0	Unf	0	952	952	GasA	Gd
10	No	GLQ	851	Unf	0	140	991	GasA	Ex

Obs	CentralAir	Electrical	1stFlrSF	2ndFlrSF	LowQualFinSF	GrLivArea	BsmtFullBath	BsmtHalfBath	FullBath	HalfBath
9	Y	FuseF	1022	752	0	1774	0	0	2	0
10	Y	SBrkr	1077	0	0	1077	1	0	1	0

Obs	BedroomAbvGr	KitchenAbvGr	KitchenQual	TotRmsAbvGrd	Functional	Fireplaces	FireplaceQu	GarageType	GarageYrBlt
9	2	2	TA	8	Min1	2	TA	Detchd	1931
10	2	2	TA	5	Typ	2	TA	Attchd	1939

Obs	GarageFinish	GarageCars	GarageArea	GarageQual	GarageCond	PavedDrive	WoodDeckSF	OpenPorchSF	EnclosedPorch
9	Unf	2	468	Fa	TA	Y	90	0	205
10	RFn	1	205	Gd	TA	Y	0	4	0

Obs	3SsnPorch	ScreenPorch	PoolArea	PoolQC	Fence	MiscFeature	MiscVal	MoSold	YrSold	SaleType	SaleCondition	SalePrice
9	0	0	0	NA	NA	NA	0	4	2008	WD	Abnorml	129900
10	0	0	0	NA	NA	NA	0	1	2008	WD	Normal	118000

The GLMSELECT Procedure

Data Set	WORK.TRAIN_6
Dependent Variable	SalePrice_I
Selection Method	Stepwise
Select Criterion	Significance Level
Stop Criterion	Significance Level
Choose Criterion	Cross Validation
Entry Significance Level (SLE)	0.15
Stay Significance Level (SLS)	0.15
Cross Validation Method	Split
Cross Validation Fold	5
Effect Hierarchy Enforced	Single

Number of Observations Read	2919
Number of Observations Used	1452

Class Level Information		
Class	Levels	Values
Neighborhood	25	BImngtn Blueste BrDale BrkSide ClearCr CollgCr Crawfor Edwards Gilbert IDOTRR MeadowV Mitchel NAmes NPkVill NWAmes NoRidge NridgHt OldTown SWISU Sawyer SawyerW Somerst StoneBr Timber Veenker
LotConfig	5	Corner CulDSac FR2 FR3 Inside
BldgType	5	1Fam 2fmCon Duplex Twnhs TwnhsE
HouseStyle	8	1.5Fin 1.5Unf 1Story 2.5Fin 2.5Unf 2Story SFoyer SLvl

Dimensions	
Number of Effects	92
Number of Parameters	868

The GLMSELECT Procedure

Stepwise Selection Summary									
Step	Effect Entered	Effect Removed	Number Effects In	NumberParms In	Model R-Square	PRESS	CV PRESS	F Value	Pr > F
0	Intercept		1	1	0.0000	231.7413	231.7520	0.00	1.0000
1	GrLlvArea_I		2	2	0.5338	108.2539	108.0105	1660.27	<.0001
2	Neighborhood		3	26	0.7691	55.4285	56.1978	60.55	<.0001
3	TotalBsmtSF		4	27	0.7979	49.3556	49.2449	202.80	<.0001
4	OverallCond		5	28	0.8276	42.3832	42.1230	245.93	<.0001
5	YearBuilt		6	29	0.8483	37.5836	37.3059	194.04	<.0001
6	TotalBsmt*Neighborho		7	53	0.8722	33.2295	33.3322	10.89	<.0001
7	GarageCars		8	54	0.8804	31.0635	31.0660	95.67	<.0001
8	Fireplaces		9	55	0.8868	29.5969	29.5283	79.61	<.0001
9	GrLlvArea*Neighborho		10	78	0.8952	28.2142	34.1368	4.77	<.0001
10	OverallCon*YearBuilt		11	79	0.8981	27.4530	31.5067	38.59	<.0001
11	GrLlvArea*TotalBsmtS		12	80	0.9000	26.6058	31.0348	25.73	<.0001
12	BldgType		13	84	0.9023	26.2843	30.2464	8.37	<.0001
13	LotArea		14	85	0.9039	25.8847	29.3282	22.46	<.0001
14	GarageCars*BldgType		15	89	0.9060	25.3880	28.7421*	7.59	<.0001
15	LotArea*Neighborhood		16	112	0.9100	25.7919	28.9073	2.56	<.0001
16	HouseStyle		17	119	0.9120	25.5252	31.2672	4.38	<.0001
17	YearBuilt*Neighborho		18	142	0.9157	25.0441	31.0729	2.52	<.0001
18	GrLlvArea_*YearBuilt		19	143	0.9164	24.9660	31.1506	10.32	0.0013
19	GrLlvArea*Fireplaces		20	144	0.9172	24.8000	30.6680	12.44	0.0004
20	GarageCar*Neighborho		21	166	0.9200	25.1452	61.8519	2.07	0.0026
21	LotArea*TotalBsmtSF		22	167	0.9205	25.4694	61.2901	8.41	0.0038
22	LotArea*HouseStyle		23	174	0.9222	24.4300	60.9060	3.92	0.0003
23	GrLlvArea*TotalBsmtS		22	173	0.9221	24.4926	60.3561	1.29	0.2556
24	GarageCar*HouseStyle		23	180	0.9233	24.2750*	59.1647	2.89	0.0053
25	OverallCo*Neighborho		24	201	0.9260	24.7605	747.8812	2.17	0.0017
26	YearBuilt*GarageCars		25	202	0.9263	24.7123	749.0909	5.41	0.0202
27	LotConfig		26	206	0.9270	24.5644	955.8618	2.97	0.0187
28	GrLlvArea_I*BldgType		27	210	0.9277	24.8335	969.1209	2.79	0.0252
29	TotalBsmtSF*BldgType		28	214	0.9283	24.5948	949.0121	2.77	0.0262
30	BldgType*HouseStyle		29	230	0.9301	24.8998	1070.2686	1.93	0.0151
31	LotArea*Fireplaces		30	231	0.9303	24.9355	989.2489	3.52	0.0610
32	OverallCond*BldgType		31	235	0.9307	26.5715	977.4146	1.96	0.0977

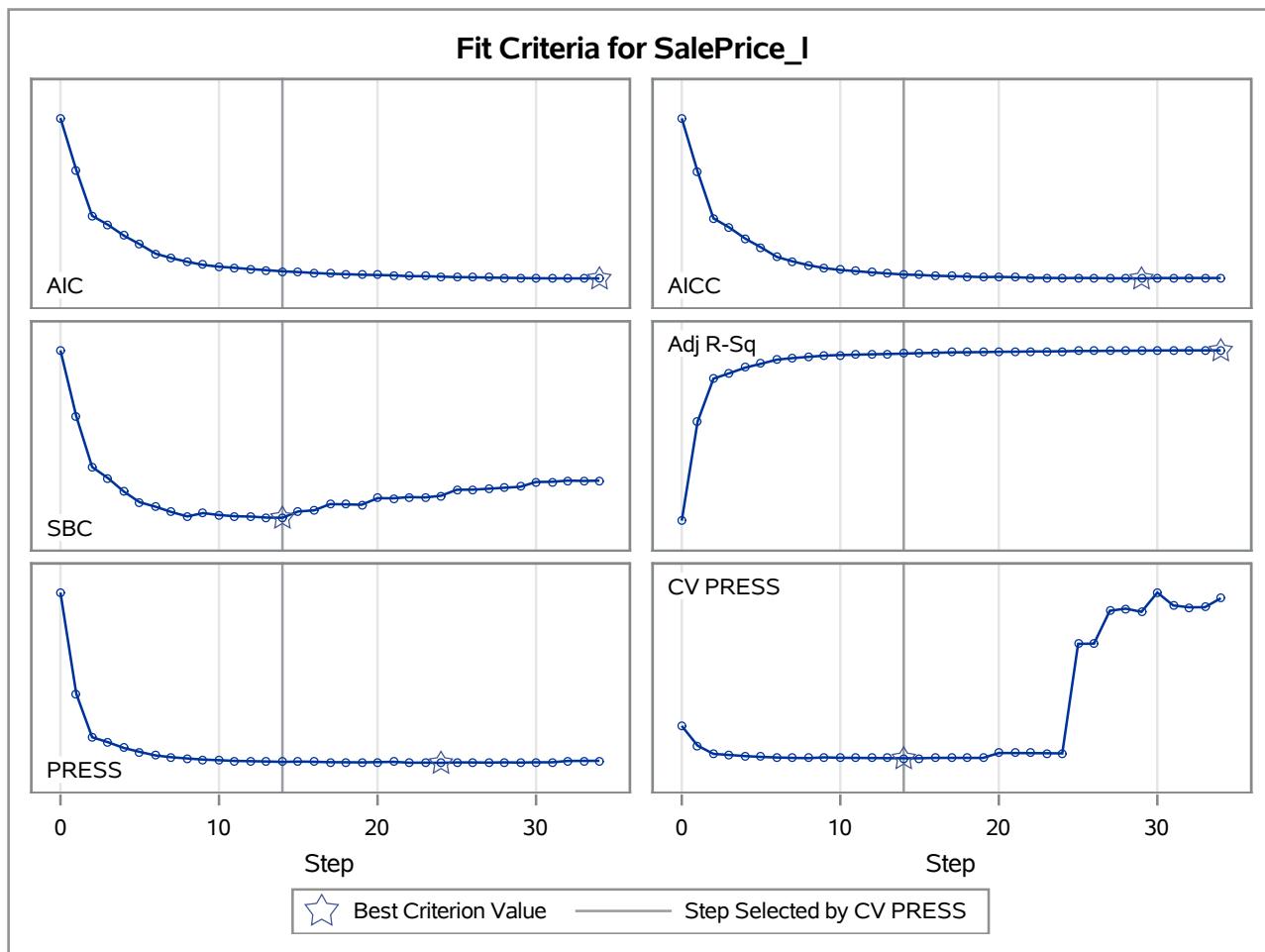
* Optimal Value of Criterion

The GLMSELECT Procedure

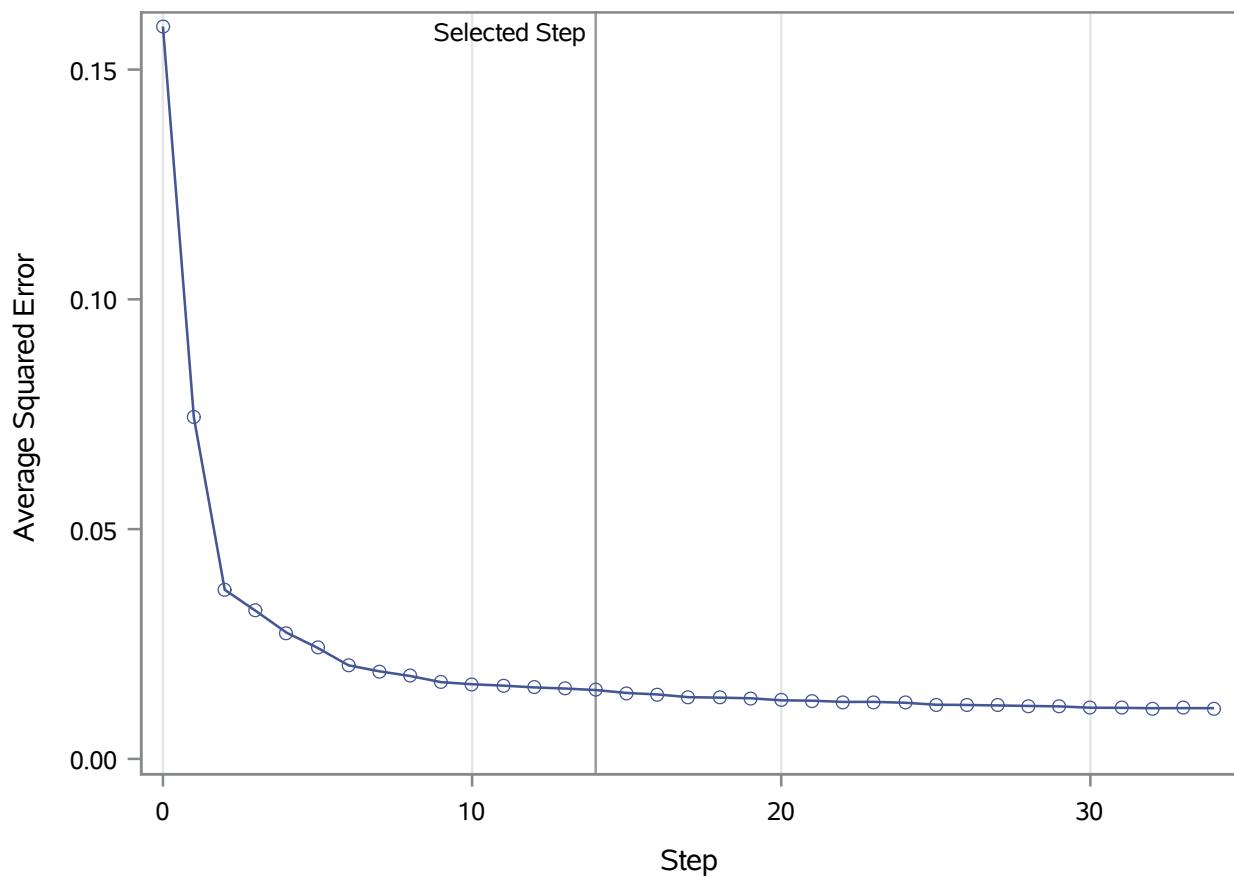
Stepwise Selection Summary									
Step	Effect Entered	Effect Removed	Number Effects In	NumberParms In	Model R-Square	PRESS	CV PRESS	F Value	Pr > F
33		OverallCon*YearBuilt	30	234	0.9306	26.6588	978.1778	1.76	0.1843
34	LotArea*YearBuilt		31	235	0.9308	26.6786	1034.6463	2.27	0.1321
* Optimal Value of Criterion									

Selection stopped because the candidate for entry has SLE > 0.15 and the candidate for removal has SLS < 0.15.

Stop Details				
Candidate For	Effect	Candidate Significance	Compare Significance	
Entry	OverallCo*TotalBsmtS	0.1670	> 0.1500	(SLE)
Removal	LotArea*YearBuilt	0.1321	< 0.1500	(SLS)



The GLMSELECT Procedure

Progression of Average Squared Errors for SalePrice_I

The GLMSELECT Procedure
Selected Model

The selected model, based on Cross Validation, is the model at Step 14.

Effects:	Intercept GrLlvArea_I LotArea OverallCond YearBuilt OverallCon*YearBuilt TotalBsmtSF GrLlvArea*TotalBsmtS Fireplaces BldgType Neighborhood GrLlvArea*Neighborho TotalBsmt*Neighborho GarageCars GarageCars*BldgType
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Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	88	209.67194	2.38264	149.31
Error	1363	21.75026	0.01596	
Corrected Total	1451	231.42221		

Root MSE	0.12632
Dependent Mean	12.02239
R-Square	0.9060
Adj R-Sq	0.8999
AIC	-4467.95562
AICC	-4455.92035
PRESS	25.38801
SBC	-5451.97357
CV PRESS	28.74212

Cross Validation Details			
Index	Observations		CV PRESS
	Fitted	Left Out	
1	1161	291	6.2573
2	1161	291	8.6521
3	1162	290	4.2703
4	1162	290	4.4423
5	1162	290	5.1202
Total			28.7421

The GLMSELECT Procedure
Selected Model

Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
Intercept	1	-13.507418	2.086611	-6.47	-5.94E+01	164.17583	-4.17E+01	-5.92E+01	-6.63E+01
GrLvlArea_I	1	1.020426	0.206285	4.95	5.91E+00	-26.25081	3.84E+00	5.70E+00	4.58E+00
LotArea	1	0.000002049	0.000000412	4.97	2.31E-04	0.00048	-3.27E-05	1.77E-04	2.24E-04
OverallCond	1	1.609304	0.238156	6.76	1.18E-01	0.28797	-8.53E-03	8.98E-02	1.48E-01
YearBuilt	1	0.008671	0.000741	11.71	3.46E-02	0.02546	2.48E-02	3.50E-02	3.68E-02
OverallCon*YearBuilt	1	-0.000790	0.000122	-6.46	0.00E+00	0.00000	0.00E+00	0.00E+00	0.00E+00
TotalBsmtSF	1	0.001418	0.000209	6.80	7.68E-04	0.02197	6.49E-04	8.41E-04	1.07E-03
GrLvlArea*TotalBsmtS	1	-0.000123	0.000023061	-5.32	0.00E+00	0.00000	0.00E+00	0.00E+00	0.00E+00
Fireplaces	1	0.056105	0.006647	8.44	-4.21E-01	-0.29104	-4.15E-01	-4.27E-01	-4.58E-01
BldgType 1Fam	1	-0.028845	0.075742	-0.38	-3.34E+00	-3.27703	-3.00E+00	-4.26E+00	-5.53E+00
BldgType 2fmCon	1	0.056265	0.084647	0.66	-3.86E+00	-4.13949	-2.87E+00	-4.31E+00	-6.70E+00
BldgType Duplex	1	0.009158	0.082337	0.11	-7.47E-01	-0.08950	7.48E-01	-1.04E+00	-2.84E+00
BldgType Twnhs	1	-0.007725	0.078766	-0.10	-8.10E+00	-6.97602	-6.06E+00	-7.50E+00	-1.03E+01
Neighborhood Blmngtn	1	3.699416	3.909164	0.95	1.28E+02	-39.38319	1.17E+02	1.16E+02	1.74E+02
Neighborhood Blueste	1	0.117600	0.798538	0.15	8.02E-02	4.56991	0.00E+00	5.74E-01	1.15E+00
Neighborhood BrDale	1	5.357938	4.923850	1.09	-5.96E+01	-180.81314	-3.56E+01	4.67E+01	1.28E+02
Neighborhood BrkSide	1	3.427576	1.557703	2.20	2.67E+01	-184.60022	2.63E+01	2.50E+01	4.57E+01
Neighborhood ClearCr	1	4.057440	1.656823	2.45	1.83E+01	-191.03138	2.88E+01	2.07E+01	4.43E+01
Neighborhood CollgCr	1	3.156419	1.527466	2.07	2.28E+01	-189.64979	2.36E+01	2.54E+01	4.21E+01
Neighborhood Crawfor	1	3.516686	1.567941	2.24	2.69E+01	-186.62210	2.14E+01	2.59E+01	4.43E+01
Neighborhood Edwards	1	4.541045	1.537118	2.95	2.14E+01	-187.89621	2.21E+01	2.31E+01	4.20E+01
Neighborhood Gilbert	1	4.116052	1.616431	2.55	2.60E+01	-186.83528	2.56E+01	2.47E+01	4.35E+01
Neighborhood IDOTRR	1	1.353990	1.605196	0.84	1.11E+01	-200.02701	1.16E+01	1.49E+01	3.04E+01
Neighborhood MeadowV	1	4.626581	1.632334	2.83	1.30E+01	-196.59862	4.04E+01	4.02E+01	8.48E+01
Neighborhood Mitchel	1	4.008169	1.576729	2.54	2.39E+01	-178.56989	2.99E+01	2.91E+01	4.59E+01
Neighborhood NAmes	1	4.328441	1.521998	2.84	2.70E+01	-184.44200	2.55E+01	2.67E+01	4.48E+01
Neighborhood NPkVill	1	7.453181	4.561151	1.63	-8.70E+01	-246.53611	-3.26E+01	-6.91E+01	2.61E+01
Neighborhood NWAmes	1	3.194574	1.580349	2.02	1.80E+01	-194.41046	1.74E+01	1.60E+01	4.17E+01
Neighborhood NoRidge	1	0.743227	1.731258	0.43	-3.81E+00	-205.79410	9.20E+00	1.23E+01	2.19E+01
Neighborhood NridgHt	1	0.995781	1.600213	0.62	-3.90E+01	-233.30108	-3.98E+01	-3.67E+01	-2.84E+01
Neighborhood OldTown	1	3.086830	1.526373	2.02	2.46E+01	-186.65806	2.43E+01	2.70E+01	4.41E+01
Neighborhood SWISU	1	3.641530	1.590893	2.29	1.50E+01	-198.06780	1.50E+01	2.36E+01	3.78E+01
Neighborhood Sawyer	1	4.916639	1.560593	3.15	2.54E+01	-190.44157	2.47E+01	2.65E+01	4.38E+01

The GLMSELECT Procedure
Selected Model

Parameter Estimates										
Parameter		DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
						1	2	3	4	
Neighborhood	SawyerW	1	3.047117	1.554341	1.96	2.48E+01	-188.89229	2.16E+01	2.26E+01	4.23E+01
Neighborhood	Somerst	1	2.383812	1.623027	1.47	1.65E+01	-198.00225	1.37E+01	2.21E+01	5.11E+01
Neighborhood	StoneBr	1	2.042359	1.661969	1.23	2.05E+01	-211.98245	1.98E+01	-3.11E-01	2.01E+01
Neighborhood	Timber	1	2.516343	1.672218	1.50	3.78E+00	-206.92091	6.17E+00	3.71E+00	2.43E+01
GrLlvArea*Neighborho Blmngtn		1	-0.545684	0.638845	-0.85	1.56E-01	29.75540	-6.08E-02	1.65E-01	-9.22E-02
GrLlvArea*Neighborho Blueste		0	0	.	.	0.00E+00	0.00000	0.00E+00	0.00E+00	0.00E+00
GrLlvArea*Neighborho BrDale		1	-0.724715	0.767116	-0.94	-1.24E+00	28.52847	-5.14E-01	-1.60E+00	-1.39E+00
GrLlvArea*Neighborho BrkSide		1	-0.430948	0.213334	-2.02	-3.90E-01	29.50079	-4.28E-01	-3.38E-01	-7.12E-01
GrLlvArea*Neighborho ClearCr		1	-0.499921	0.224544	-2.23	-1.87E-01	29.62742	-2.68E-01	-7.10E-02	-6.92E-01
GrLlvArea*Neighborho CollgCr		1	-0.378472	0.207768	-1.82	-1.23E-01	29.59648	-2.10E-01	-5.34E-02	-4.78E-01
GrLlvArea*Neighborho Crawfor		1	-0.409969	0.213058	-1.92	-3.63E-01	29.48141	-1.66E-01	-4.04E-01	-6.89E-01
GrLlvArea*Neighborho Edwards		1	-0.568763	0.209299	-2.72	-4.42E-01	29.52613	-4.32E-01	-3.89E-01	-7.12E-01
GrLlvArea*Neighborho Gilbert		1	-0.523964	0.219431	-2.39	-2.62E-01	29.54410	-4.23E-01	-2.92E-01	-7.45E-01
GrLlvArea*Neighborho IDOTRR		1	-0.185222	0.219635	-0.84	-7.72E-02	29.67911	-1.90E-02	-1.73E-02	-5.91E-01
GrLlvArea*Neighborho MeadowV		1	-0.628567	0.223031	-2.82	2.21E-02	29.81127	-2.18E-01	7.31E-02	-3.75E-01
GrLlvArea*Neighborho Mitchel		1	-0.510971	0.215441	-2.37	-3.65E-01	29.51580	-3.70E-01	-3.04E-01	-7.01E-01
GrLlvArea*Neighborho NAmes		1	-0.540007	0.206980	-2.61	-4.73E-01	29.40147	-5.29E-01	-4.32E-01	-8.14E-01
GrLlvArea*Neighborho NPkVill		1	-0.887983	0.541746	-1.64	-1.36E+00	28.44813	-1.22E+00	6.75E+00	-1.04E+00
GrLlvArea*Neighborho NWAmes		1	-0.385819	0.214295	-1.80	-3.79E-01	29.43869	-3.91E-01	-3.72E-01	-7.54E-01
GrLlvArea*Neighborho NoRidge		1	-0.077754	0.234154	-0.33	-7.56E-02	29.68808	-1.16E-01	-1.42E-01	-4.02E-01
GrLlvArea*Neighborho NridgHt		1	-0.090446	0.216758	-0.42	-9.58E-02	29.83772	-1.99E-02	7.34E-02	-2.75E-01
GrLlvArea*Neighborho OldTown		1	-0.384636	0.207680	-1.85	-4.30E-01	29.44615	-4.38E-01	-4.53E-01	-7.95E-01
GrLlvArea*Neighborho SWISU		1	-0.423098	0.218062	-1.94	-2.74E-01	29.70511	-2.22E-01	-2.90E-01	-6.13E-01
GrLlvArea*Neighborho Sawyer		1	-0.633528	0.212937	-2.98	-5.35E-01	29.26859	-5.87E-01	-5.06E-01	-8.62E-01
GrLlvArea*Neighborho SawyerW		1	-0.372709	0.211181	-1.76	-1.01E-01	29.69040	-1.47E-01	-4.92E-02	-4.52E-01
GrLlvArea*Neighborho Somerst		1	-0.271912	0.220677	-1.23	-1.15E-01	29.77166	-1.94E-01	-9.14E-02	-5.53E-01
GrLlvArea*Neighborho StoneBr		1	-0.255220	0.226486	-1.13	-1.03E-01	29.70982	7.27E-02	-1.01E-01	-4.01E-01
GrLlvArea*Neighborho Timber		1	-0.302393	0.227316	-1.33	-1.21E-01	29.65153	-2.73E-01	2.23E-02	-5.99E-01
TotalBsmt*Neighborho Blmngtn		1	0.000090360	0.000738	0.12	1.56E-05	-0.02105	-4.60E-04	-5.10E-06	2.47E-06
TotalBsmt*Neighborho Blueste		1	-0.000117	0.001217	-0.10	-2.84E-04	0.02238	0.00E+00	-8.32E-04	-1.75E-03
TotalBsmt*Neighborho BrDale		1	-0.000210	0.000950	-0.22	4.67E-04	-0.01972	6.94E-04	2.36E-03	6.01E-04
TotalBsmt*Neighborho BrkSide		1	-0.000222	0.000144	-1.54	2.47E-05	-0.02116	-2.16E-07	-1.89E-05	-8.64E-05
TotalBsmt*Neighborho ClearCr		1	-0.000340	0.000136	-2.50	1.28E-04	-0.02119	7.05E-05	-1.03E-04	-9.99E-05

The GLMSELECT Procedure
Selected Model

Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
										1	2	3	4	5
TotalBsmt*Neighborho CollgCr	1	-0.000350	0.000124	-2.83	-5.12E-05	-0.02127	-1.20E-04	-1.32E-04	-2.28E-04					
TotalBsmt*Neighborho Crawfor	1	-0.000366	0.000130	-2.81	-8.79E-05	-0.02128	-1.98E-04	-1.21E-04	-1.96E-04					
TotalBsmt*Neighborho Edwards	1	-0.000481	0.000122	-3.95	-1.89E-04	-0.02134	-1.66E-04	-2.46E-04	-2.51E-04					
TotalBsmt*Neighborho Gilbert	1	-0.000288	0.000128	-2.24	-1.11E-04	-0.02126	-1.09E-04	-1.11E-04	-1.95E-04					
TotalBsmt*Neighborho IDOTRR	1	0.000075511	0.000157	0.48	5.09E-04	-0.02043	5.24E-04	8.58E-04	3.11E-04					
TotalBsmt*Neighborho MeadowV	1	-0.000261	0.000199	-1.31	-5.74E-04	-0.02187	-3.86E-04	-6.98E-04	-1.64E-04					
TotalBsmt*Neighborho Mitchel	1	-0.000303	0.000130	-2.34	5.94E-05	-0.02115	-1.16E-05	-2.86E-05	-1.02E-04					
TotalBsmt*Neighborho NAmes	1	-0.000399	0.000121	-3.29	-1.32E-04	-0.02130	-1.19E-04	-1.76E-04	-2.39E-04					
TotalBsmt*Neighborho NPkVill	1	-0.001154	0.000879	-1.31	-1.52E-03	-0.02241	-1.23E-03	1.18E-02	-9.17E-04					
TotalBsmt*Neighborho NWAmes	1	-0.000410	0.000125	-3.28	-1.58E-04	-0.02134	-1.70E-04	-2.42E-04	-2.74E-04					
TotalBsmt*Neighborho NoRidge	1	-0.000223	0.000129	-1.73	5.24E-05	-0.02125	-7.72E-05	-9.37E-05	-1.99E-04					
TotalBsmt*Neighborho NridgHt	1	-0.000266	0.000124	-2.15	-1.34E-04	-0.02122	-1.30E-04	-1.38E-04	-2.01E-04					
TotalBsmt*Neighborho OldTown	1	-0.000316	0.000129	-2.46	-7.54E-05	-0.02131	-7.51E-05	-4.99E-05	-2.69E-04					
TotalBsmt*Neighborho SWISU	1	-0.000566	0.000180	-3.15	-6.33E-04	-0.02201	-7.21E-04	-4.97E-04	-7.57E-04					
TotalBsmt*Neighborho Sawyer	1	-0.000362	0.000129	-2.80	-1.00E-04	-0.02127	-1.07E-04	-7.97E-05	-1.65E-04					
TotalBsmt*Neighborho SawyerW	1	-0.000317	0.000125	-2.53	-1.53E-04	-0.02139	-2.26E-04	-1.90E-04	-2.60E-04					
TotalBsmt*Neighborho Somerst	1	-0.000314	0.000125	-2.51	-9.99E-05	-0.02124	-1.56E-04	-1.26E-04	-2.16E-04					
TotalBsmt*Neighborho StoneBr	1	-0.000095326	0.000148	-0.65	3.35E-05	-0.02114	7.21E-05	-3.21E-05	-2.46E-04					
TotalBsmt*Neighborho Timber	1	-0.000287	0.000130	-2.21	5.21E-05	-0.02116	3.22E-05	-1.98E-05	-6.19E-05					
GarageCars	1	0.059095	0.037541	1.57	-2.13E+00	-11.94551	-1.52E+00	-1.90E+00	-1.75E+00					
GarageCars*BldgType 1Fam	1	0.016192	0.037943	0.43	-1.23E-01	-0.11942	-1.04E-01	-7.55E-02	-8.03E-02					
GarageCars*BldgType 2fmCon	1	-0.069491	0.044962	-1.55	-2.27E-01	-0.21283	-1.89E-01	-1.55E-01	-1.68E-01					
GarageCars*BldgType Duplex	1	-0.069001	0.041550	-1.66	-1.61E-01	-0.16639	-1.77E-01	-1.22E-01	-1.42E-01					
GarageCars*BldgType Twnhs	1	-0.041405	0.043849	-0.94	2.24E-03	0.04731	4.67E-02	1.14E-01	5.54E-02					

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Number of Observations Read	2919
Number of Observations Used	1460
Number of Observations with Missing Values	1459

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	88	210.92357	2.39686	150.21	<.0001
Error	1371	21.87709	0.01596		
Corrected Total	1459	232.80066			

Root MSE	0.12632	R-Square	0.9060
Dependent Mean	12.02405	Adj R-Sq	0.9000
Coeff Var	1.05057		

Note: Model is not full rank. Least-squares solutions for the parameters are not unique. Some statistics will be misleading. A reported DF of 0 or B means that the estimate is biased.

Note: The following parameters have been set to 0, since the variables are a linear combination of other variables as shown.

TotalBsmt*Neighborho Blueste =	-4112.93 * Neighborhood Blueste - 76E-11 * Neighborhood NAmes + 657.009 * GrLlvArea*Neighborho Blueste
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The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	-13.54266	2.08509	-6.49	<.0001
GrLivArea_I	GrLivArea_I	1	1.02422	0.20627	4.97	<.0001
LotArea	LotArea	1	0.00000203	4.116824E-7	4.92	<.0001
OverallCond	OverallCond	1	1.60354	0.23775	6.74	<.0001
YearBuilt	YearBuilt	1	0.00867	0.00073958	11.73	<.0001
OverallCon*YearBuilt	OverallCon*YearBuilt	1	-0.00078660	0.00012208	-6.44	<.0001
TotalBsmtSF	TotalBsmtSF	1	0.00143	0.00020831	6.88	<.0001
GrLivArea*TotalBsmtS	GrLivArea*TotalBsmtS	1	-0.00012482	0.00002302	-5.42	<.0001
Fireplaces	Fireplaces	1	0.05595	0.00663	8.44	<.0001
BldgType 1Fam	BldgType 1Fam	1	-0.02968	0.07566	-0.39	0.6949
BldgType 2fmCon	BldgType 2fmCon	1	0.05612	0.08458	0.66	0.5071
BldgType Duplex	BldgType Duplex	1	0.00900	0.08227	0.11	0.9129
BldgType Twnhs	BldgType Twnhs	1	-0.00707	0.07875	-0.09	0.9285
Neighborhood Blmngtn	Neighborhood Blmngtn	1	3.72987	3.90903	0.95	0.3402
Neighborhood Blueste	Neighborhood Blueste	B	0.59387	5.79430	0.10	0.9184
Neighborhood BrDale	Neighborhood BrDale	1	5.39298	4.92371	1.10	0.2736
Neighborhood BrkSide	Neighborhood BrkSide	1	3.45048	1.55761	2.22	0.0269
Neighborhood ClearCr	Neighborhood ClearCr	1	4.06015	1.65678	2.45	0.0144
Neighborhood CollgCr	Neighborhood CollgCr	1	3.16443	1.52718	2.07	0.0384
Neighborhood Crawfor	Neighborhood Crawfor	1	3.61440	1.56676	2.31	0.0212
Neighborhood Edwards	Neighborhood Edwards	1	4.55794	1.53706	2.97	0.0031
Neighborhood Gilbert	Neighborhood Gilbert	1	4.13545	1.61491	2.56	0.0105
Neighborhood IDOTRR	Neighborhood IDOTRR	1	1.37146	1.60512	0.85	0.3930
Neighborhood MeadowV	Neighborhood MeadowV	1	4.64407	1.63226	2.85	0.0045
Neighborhood Mitchel	Neighborhood Mitchel	1	4.01733	1.57669	2.55	0.0109
Neighborhood NAmes	Neighborhood NAmes	B	4.33962	1.52195	2.85	0.0044
Neighborhood NPkVill	Neighborhood NPkVill	1	7.45079	4.56098	1.63	0.1026
Neighborhood NWAmes	Neighborhood NWAmes	1	3.20863	1.58029	2.03	0.0425
Neighborhood NoRidge	Neighborhood NoRidge	1	0.74296	1.73122	0.43	0.6679
Neighborhood NridgHt	Neighborhood NridgHt	1	0.94202	1.59994	0.59	0.5561
Neighborhood OldTown	Neighborhood OldTown	1	3.09973	1.52633	2.03	0.0425
Neighborhood SWISU	Neighborhood SWISU	1	3.66340	1.59080	2.30	0.0214
Neighborhood Sawyer	Neighborhood Sawyer	1	4.92872	1.56055	3.16	0.0016
Neighborhood SawyerW	Neighborhood SawyerW	1	3.08389	1.55365	1.98	0.0474

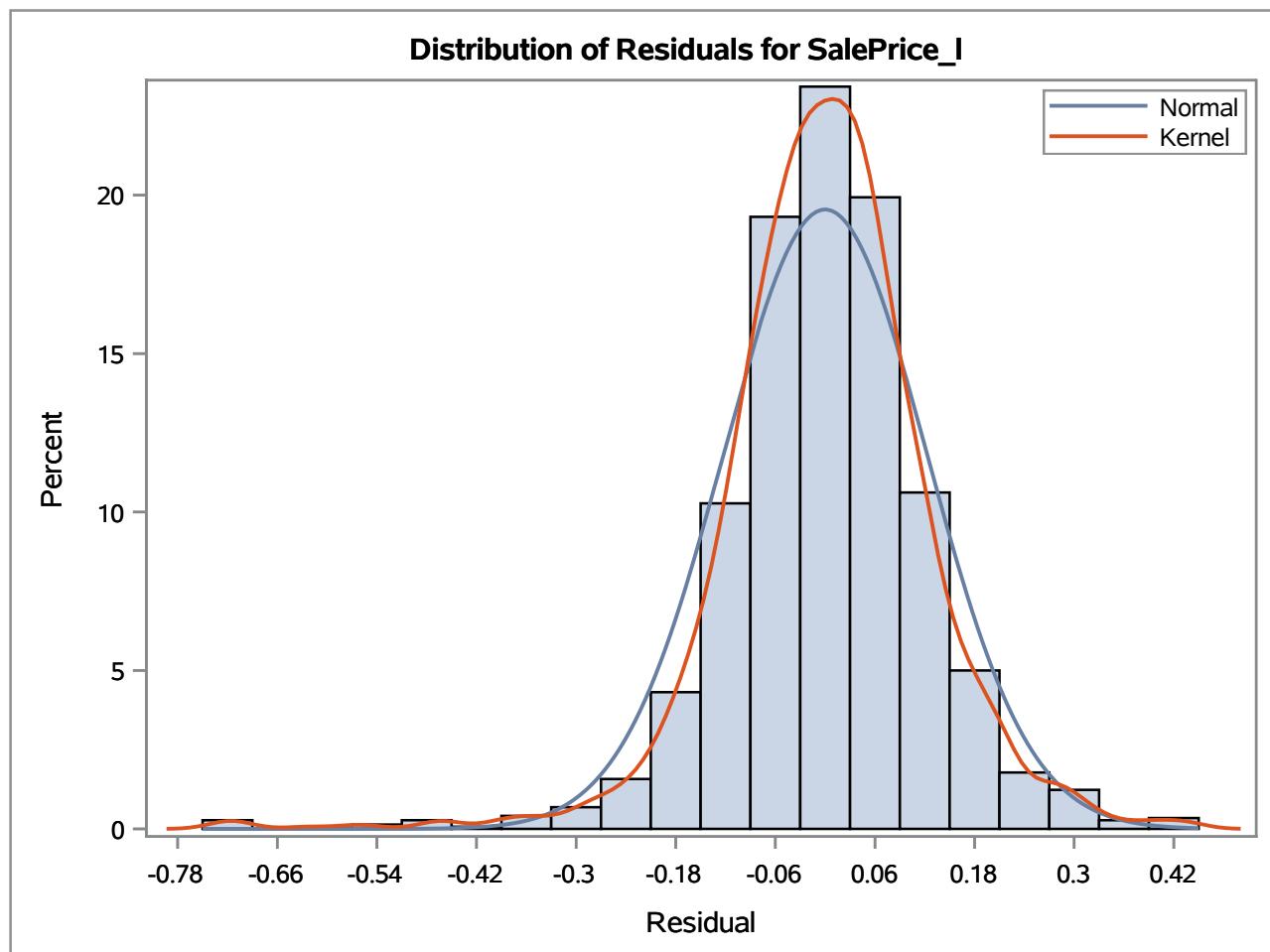
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighborhood Somerst	Neighborhood Somerst	1	2.36358	1.61975	1.46	0.1447
Neighborhood StoneBr	Neighborhood StoneBr	1	2.02721	1.66183	1.22	0.2227
Neighborhood Timber	Neighborhood Timber	1	2.52324	1.67218	1.51	0.1315
GrLlvArea*Neighborho Blmngtn	GrLlvArea*Neighborho Blmngtn	1	-0.55005	0.63882	-0.86	0.3894
GrLlvArea*Neighborho Blueste	GrLlvArea*Neighborho Blueste	B	-0.07640	0.79948	-0.10	0.9239
GrLlvArea*Neighborho BrDale	GrLlvArea*Neighborho BrDale	1	-0.72950	0.76710	-0.95	0.3418
GrLlvArea*Neighborho BrkSide	GrLlvArea*Neighborho BrkSide	1	-0.43364	0.21332	-2.03	0.0423
GrLlvArea*Neighborho ClearCr	GrLlvArea*Neighborho ClearCr	1	-0.50014	0.22454	-2.23	0.0261
GrLlvArea*Neighborho CollgCr	GrLlvArea*Neighborho CollgCr	1	-0.37949	0.20772	-1.83	0.0679
GrLlvArea*Neighborho Crawfor	GrLlvArea*Neighborho Crawfor	1	-0.41921	0.21298	-1.97	0.0492
GrLlvArea*Neighborho Edwards	GrLlvArea*Neighborho Edwards	1	-0.57100	0.20929	-2.73	0.0064
GrLlvArea*Neighborho Gilbert	GrLlvArea*Neighborho Gilbert	1	-0.52645	0.21921	-2.40	0.0165
GrLlvArea*Neighborho IDOTRR	GrLlvArea*Neighborho IDOTRR	1	-0.18727	0.21963	-0.85	0.3940
GrLlvArea*Neighborho MeadowV	GrLlvArea*Neighborho MeadowV	1	-0.63071	0.22302	-2.83	0.0048
GrLlvArea*Neighborho Mitchel	GrLlvArea*Neighborho Mitchel	1	-0.51198	0.21544	-2.38	0.0176
GrLlvArea*Neighborho NAmes	GrLlvArea*Neighborho NAmes	1	-0.54127	0.20697	-2.62	0.0090
GrLlvArea*Neighborho NPkVill	GrLlvArea*Neighborho NPkVill	1	-0.88793	0.54172	-1.64	0.1014
GrLlvArea*Neighborho NWAmes	GrLlvArea*Neighborho NWAmes	1	-0.38765	0.21429	-1.81	0.0707
GrLlvArea*Neighborho NoRidge	GrLlvArea*Neighborho NoRidge	1	-0.07782	0.23415	-0.33	0.7397
GrLlvArea*Neighborho NridgHt	GrLlvArea*Neighborho NridgHt	1	-0.08449	0.21673	-0.39	0.6967
GrLlvArea*Neighborho OldTown	GrLlvArea*Neighborho OldTown	1	-0.38607	0.20767	-1.86	0.0632
GrLlvArea*Neighborho SWISU	GrLlvArea*Neighborho SWISU	1	-0.42592	0.21805	-1.95	0.0510
GrLlvArea*Neighborho Sawyer	GrLlvArea*Neighborho Sawyer	1	-0.63501	0.21293	-2.98	0.0029
GrLlvArea*Neighborho SawyerW	GrLlvArea*Neighborho SawyerW	1	-0.37761	0.21109	-1.79	0.0739
GrLlvArea*Neighborho Somerst	GrLlvArea*Neighborho Somerst	1	-0.26914	0.22018	-1.22	0.2218
GrLlvArea*Neighborho StoneBr	GrLlvArea*Neighborho StoneBr	1	-0.25373	0.22647	-1.12	0.2628
GrLlvArea*Neighborho Timber	GrLlvArea*Neighborho Timber	1	-0.30325	0.22731	-1.33	0.1824
TotalBsmt*Neighborho Blmngtn	TotalBsmt*Neighborho Blmngtn	1	0.00008969	0.00073812	0.12	0.9033
TotalBsmt*Neighborho Blueste	TotalBsmt*Neighborho Blueste	0	0	.	.	.
TotalBsmt*Neighborho BrDale	TotalBsmt*Neighborho BrDale	1	-0.00021223	0.00095047	-0.22	0.8233
TotalBsmt*Neighborho BrkSide	TotalBsmt*Neighborho BrkSide	1	-0.00022316	0.00014381	-1.55	0.1209
TotalBsmt*Neighborho ClearCr	TotalBsmt*Neighborho ClearCr	1	-0.00033983	0.00013624	-2.49	0.0127
TotalBsmt*Neighborho CollgCr	TotalBsmt*Neighborho CollgCr	1	-0.00034967	0.00012373	-2.83	0.0048
TotalBsmt*Neighborho Crawfor	TotalBsmt*Neighborho Crawfor	1	-0.00039684	0.00012867	-3.08	0.0021

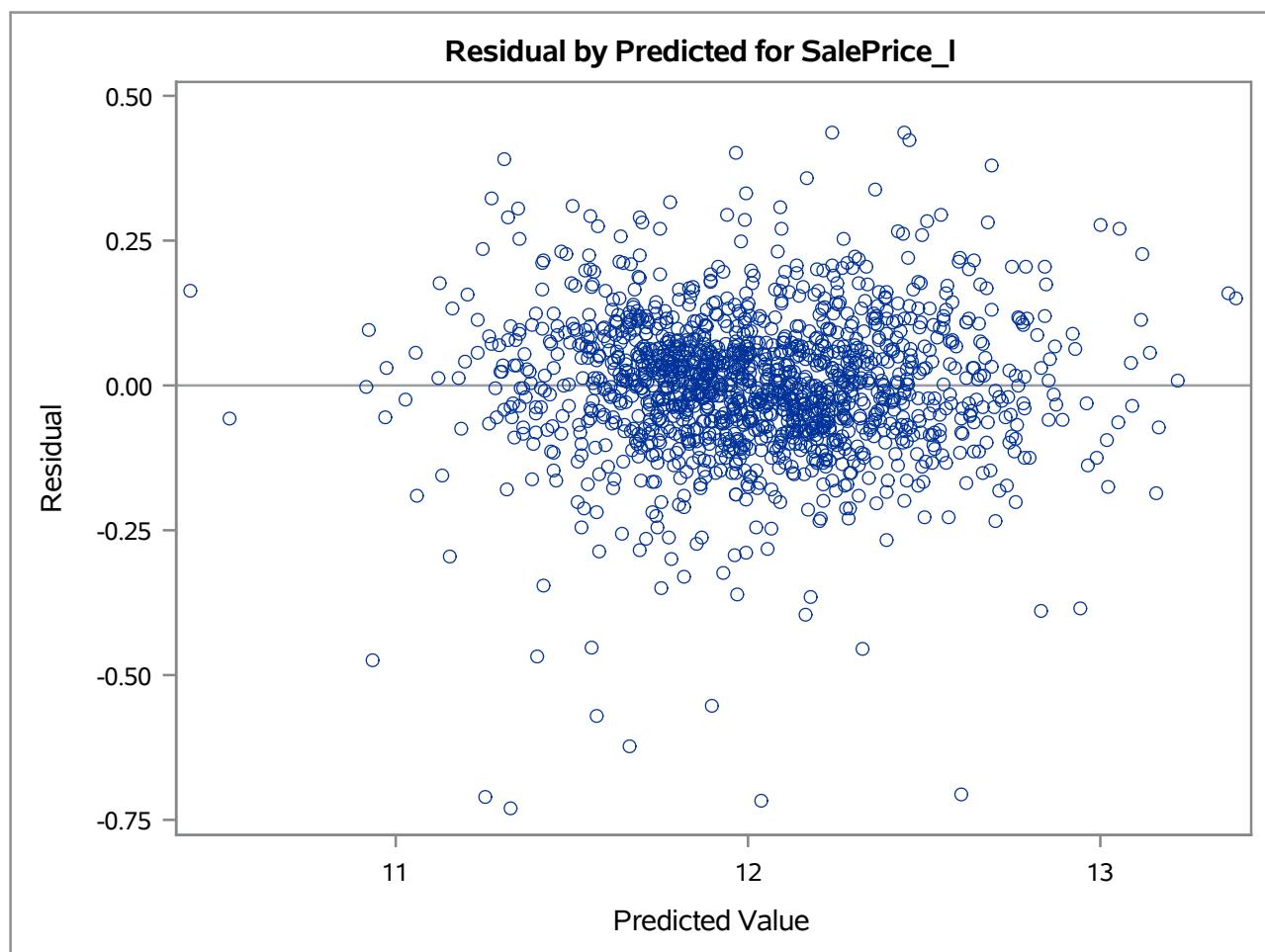
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
TotalBsmt*Neighborhood_Edwards	TotalBsmt*Neighborhood_Edwards	1	-0.00047940	0.00012165	-3.94	<.0001
TotalBsmt*Neighborhood_Gilbert	TotalBsmt*Neighborhood_Gilbert	1	-0.00028769	0.00012846	-2.24	0.0253
TotalBsmt*Neighborhood_IDOTRR	TotalBsmt*Neighborhood_IDOTRR	1	0.00007550	0.00015653	0.48	0.6296
TotalBsmt*Neighborhood_MeadowV	TotalBsmt*Neighborhood_MeadowV	1	-0.00026415	0.00019866	-1.33	0.1839
TotalBsmt*Neighborhood_Mitchel	TotalBsmt*Neighborhood_Mitchel	1	-0.00030382	0.00012971	-2.34	0.0193
TotalBsmt*Neighborhood_NAmes	TotalBsmt*Neighborhood_NAmes	1	-0.00039953	0.00012139	-3.29	0.0010
TotalBsmt*Neighborhood_NPkVill	TotalBsmt*Neighborhood_NPkVill	1	-0.00115	0.00087868	-1.31	0.1898
TotalBsmt*Neighborhood_NWAmes	TotalBsmt*Neighborhood_NWAmes	1	-0.00040931	0.00012506	-3.27	0.0011
TotalBsmt*Neighborhood_NoRidge	TotalBsmt*Neighborhood_NoRidge	1	-0.00022209	0.00012875	-1.73	0.0847
TotalBsmt*Neighborhood_NridgHt	TotalBsmt*Neighborhood_NridgHt	1	-0.00025843	0.00012367	-2.09	0.0368
TotalBsmt*Neighborhood_OldTown	TotalBsmt*Neighborhood_OldTown	1	-0.00031693	0.00012852	-2.47	0.0138
TotalBsmt*Neighborhood_SWISU	TotalBsmt*Neighborhood_SWISU	1	-0.00056469	0.00017964	-3.14	0.0017
TotalBsmt*Neighborhood_Sawyer	TotalBsmt*Neighborhood_Sawyer	1	-0.00036133	0.00012919	-2.80	0.0052
TotalBsmt*Neighborhood_SawyerW	TotalBsmt*Neighborhood_SawyerW	1	-0.00031568	0.00012543	-2.52	0.0120
TotalBsmt*Neighborhood_Somerst	TotalBsmt*Neighborhood_Somerst	1	-0.00031593	0.00012497	-2.53	0.0116
TotalBsmt*Neighborhood_StoneBr	TotalBsmt*Neighborhood_StoneBr	1	-0.00009301	0.00014771	-0.63	0.5290
TotalBsmt*Neighborhood_Timber	TotalBsmt*Neighborhood_Timber	1	-0.00028618	0.00012991	-2.20	0.0278
GarageCars	GarageCars	1	0.06034	0.03751	1.61	0.1080
GarageCars*BldgType_1Fam	GarageCars*BldgType_1Fam	1	0.01525	0.03792	0.40	0.6877
GarageCars*BldgType_2fmCon	GarageCars*BldgType_2fmCon	1	-0.07038	0.04494	-1.57	0.1175
GarageCars*BldgType_Duplex	GarageCars*BldgType_Duplex	1	-0.07004	0.04153	-1.69	0.0919
GarageCars*BldgType_Twnhs	GarageCars*BldgType_Twnhs	1	-0.04214	0.04383	-0.96	0.3365

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



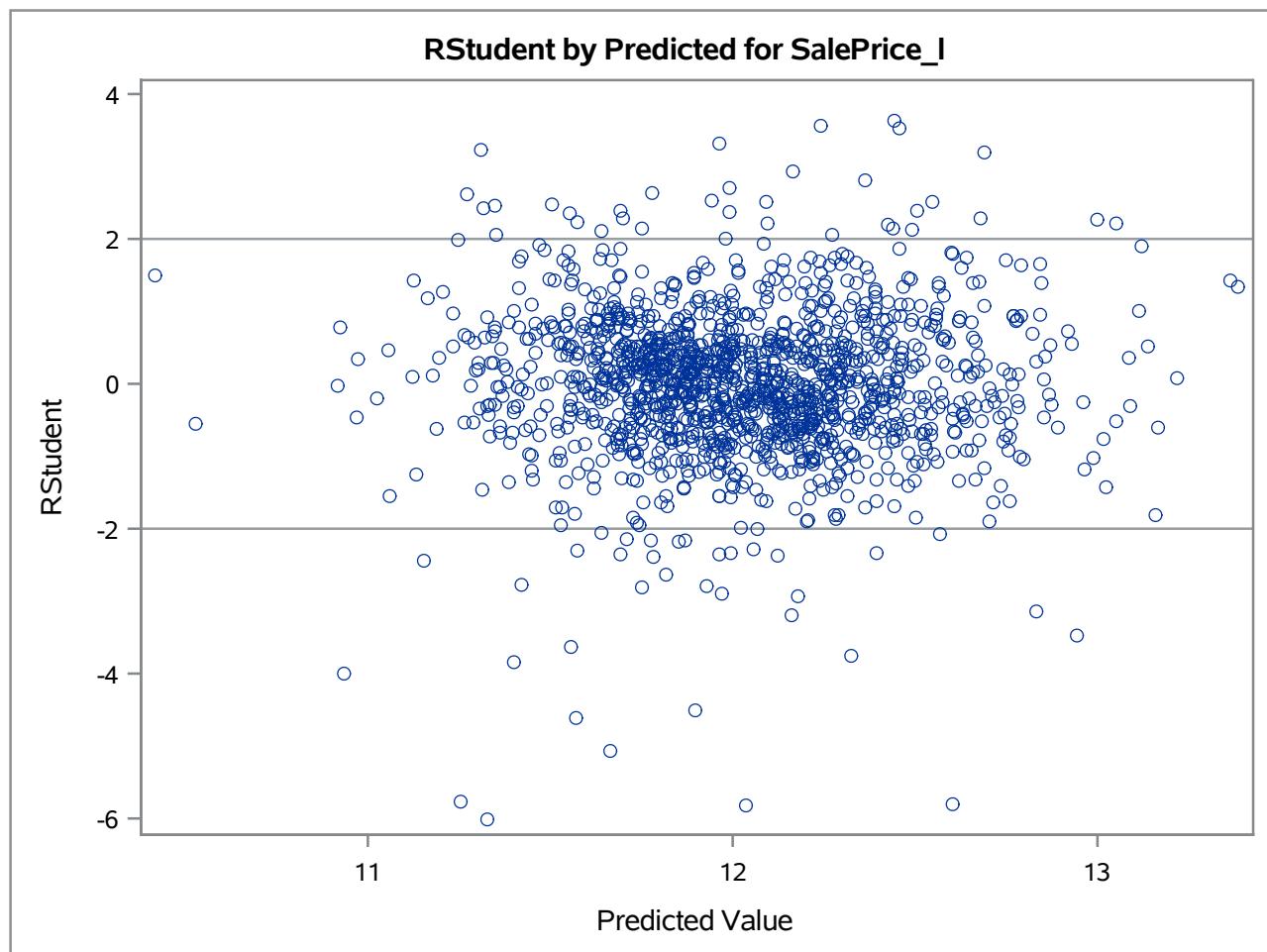
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

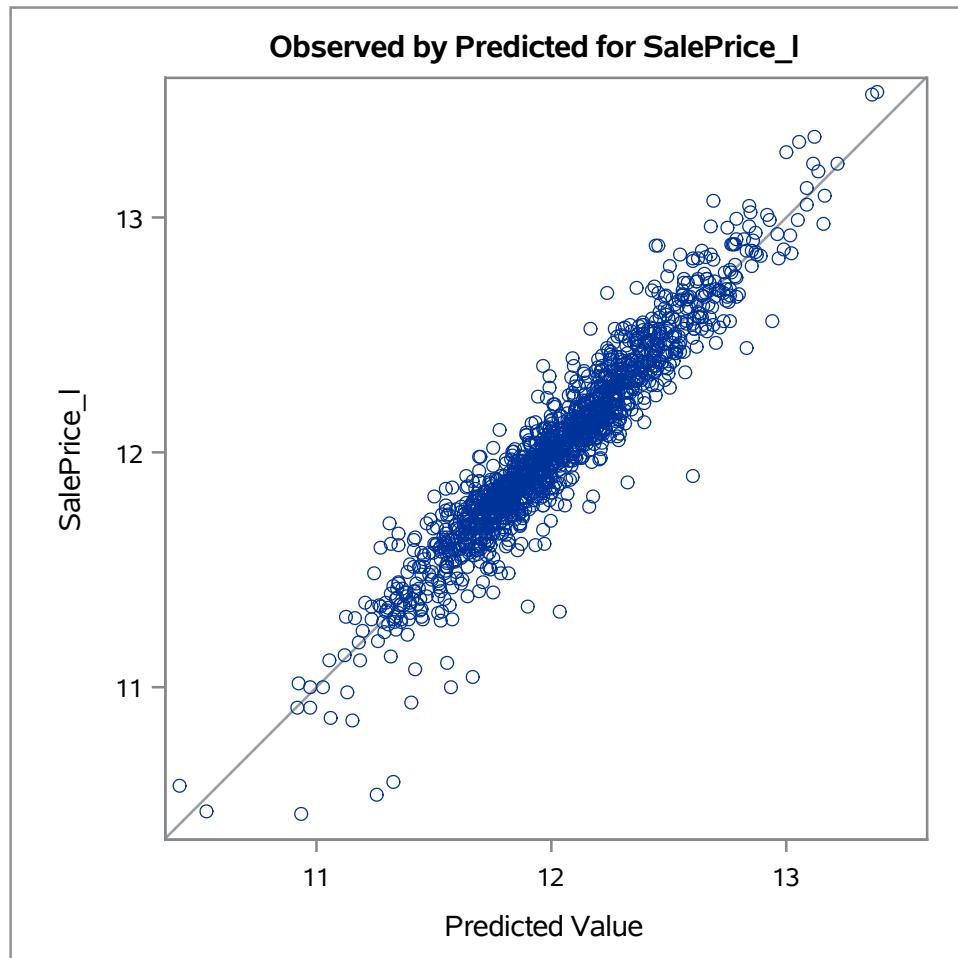
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

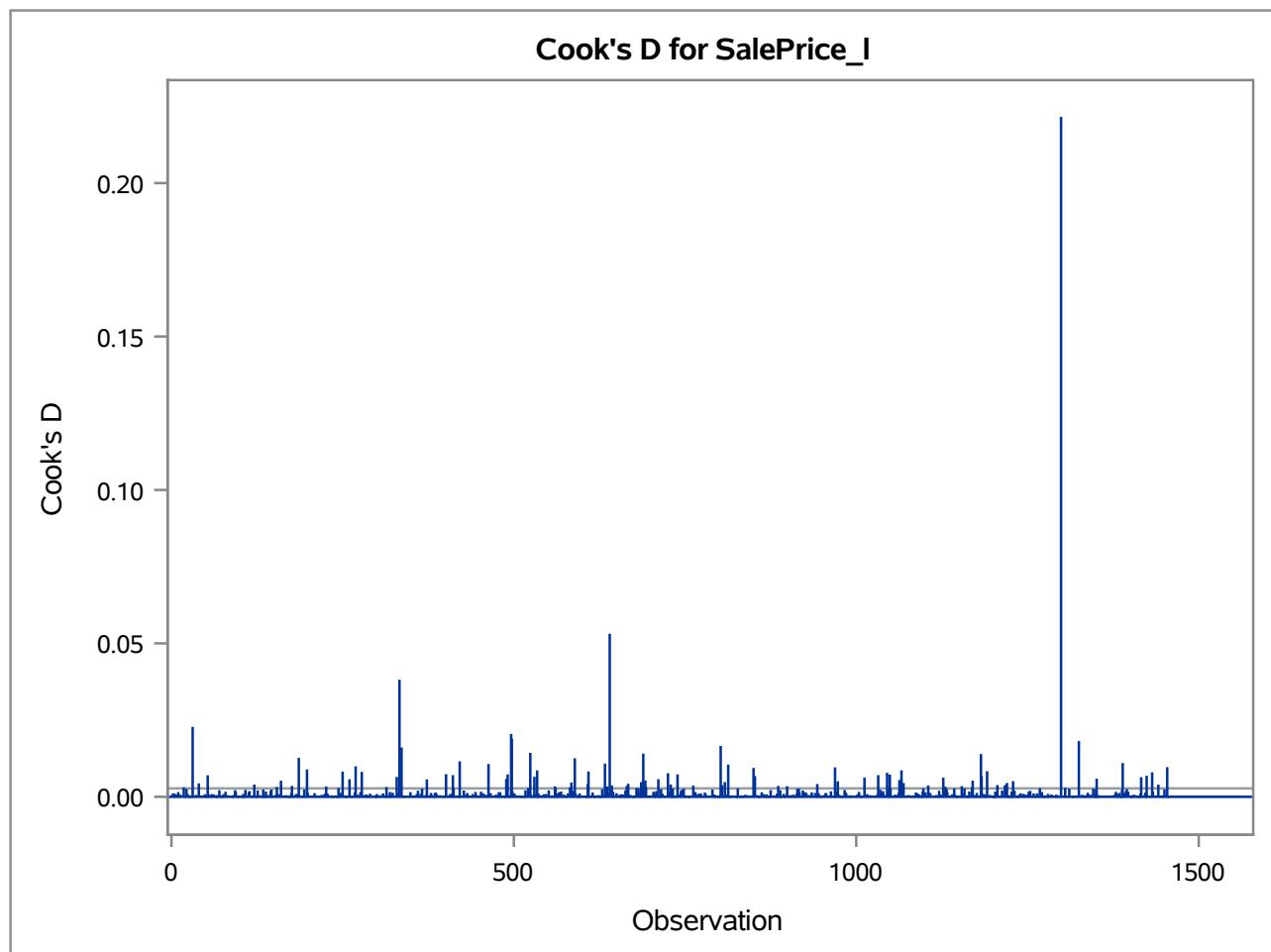
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

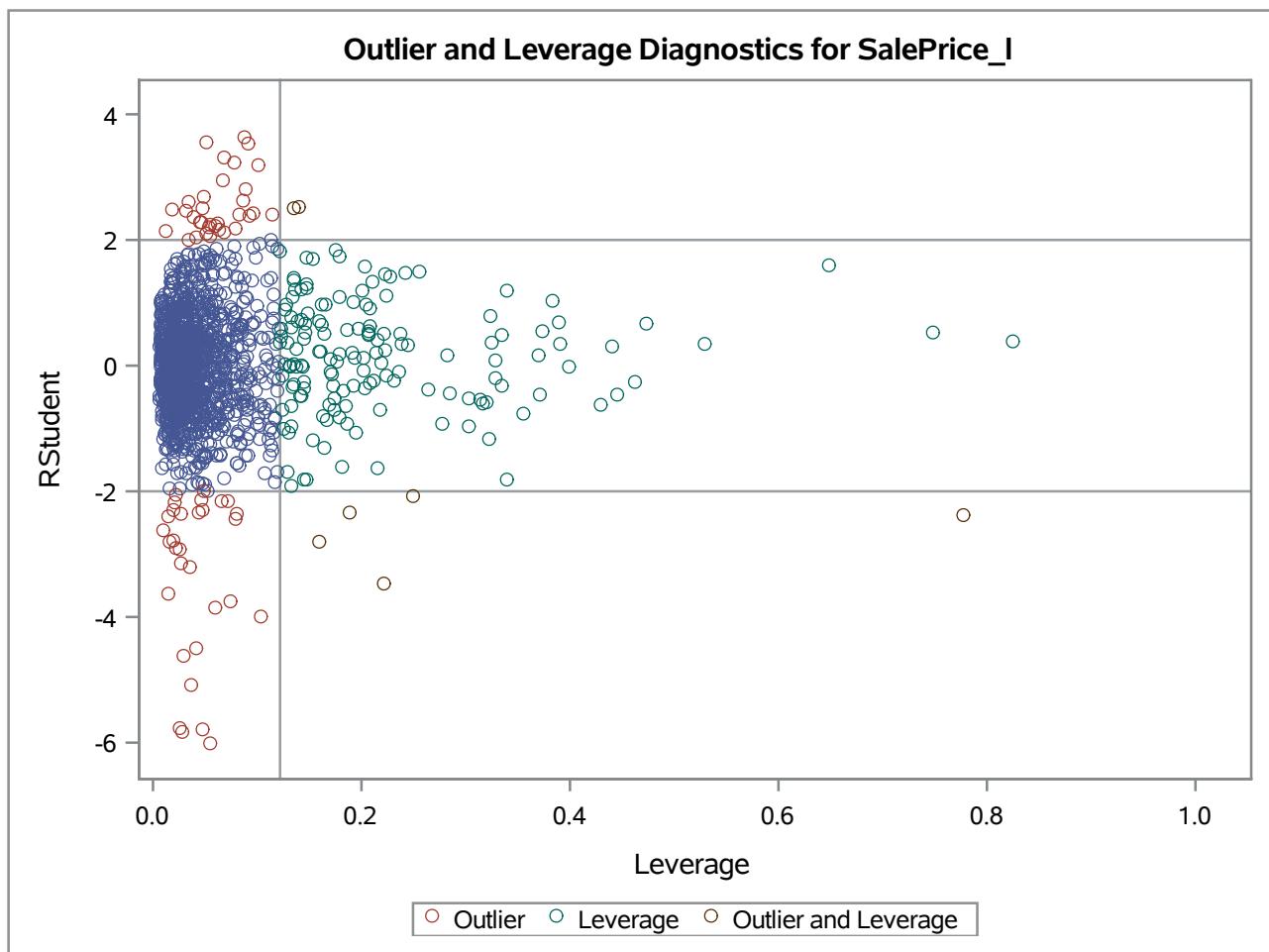
Dependent Variable: SalePrice_I



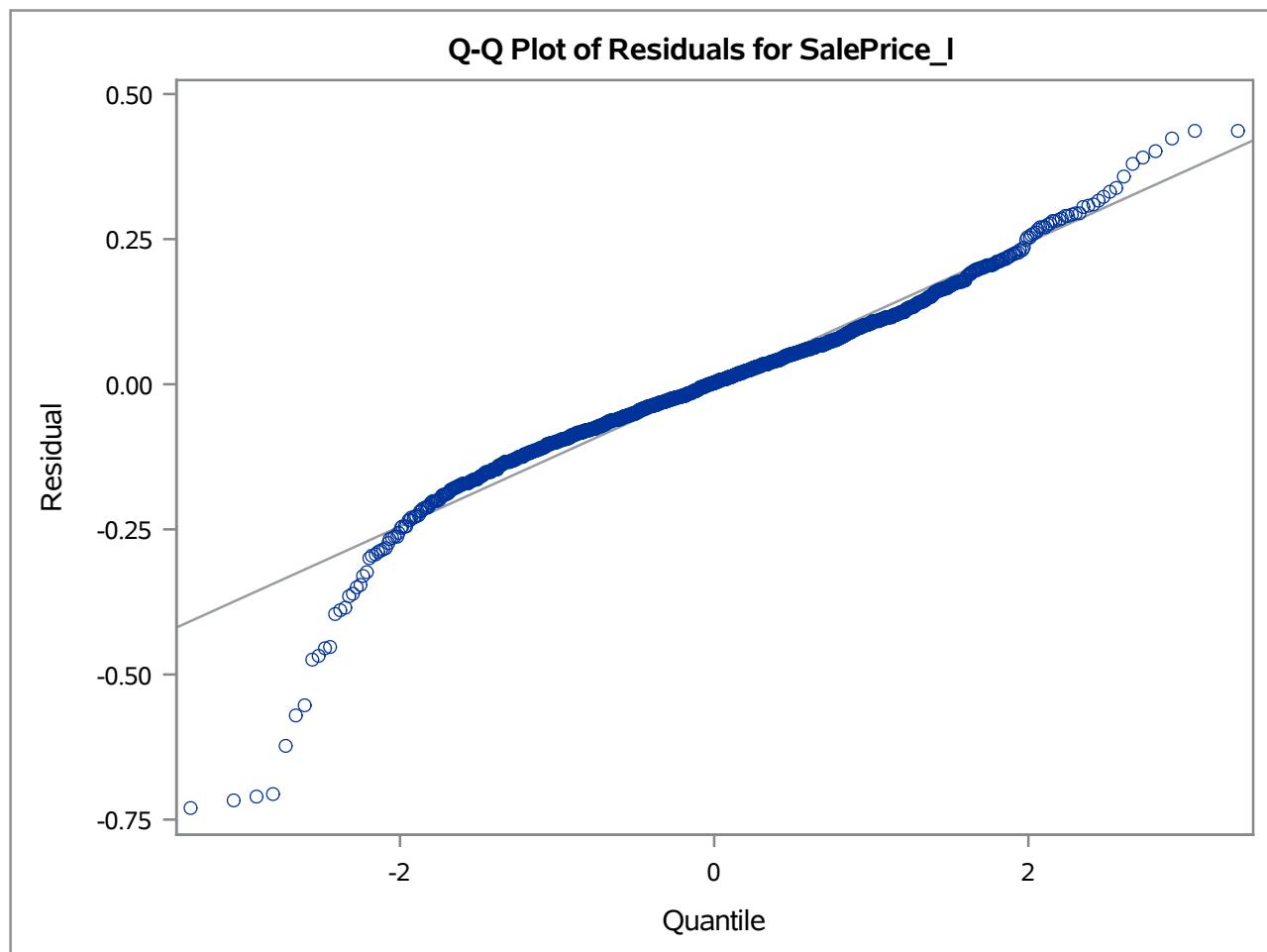
The REG Procedure

Model: MODEL1

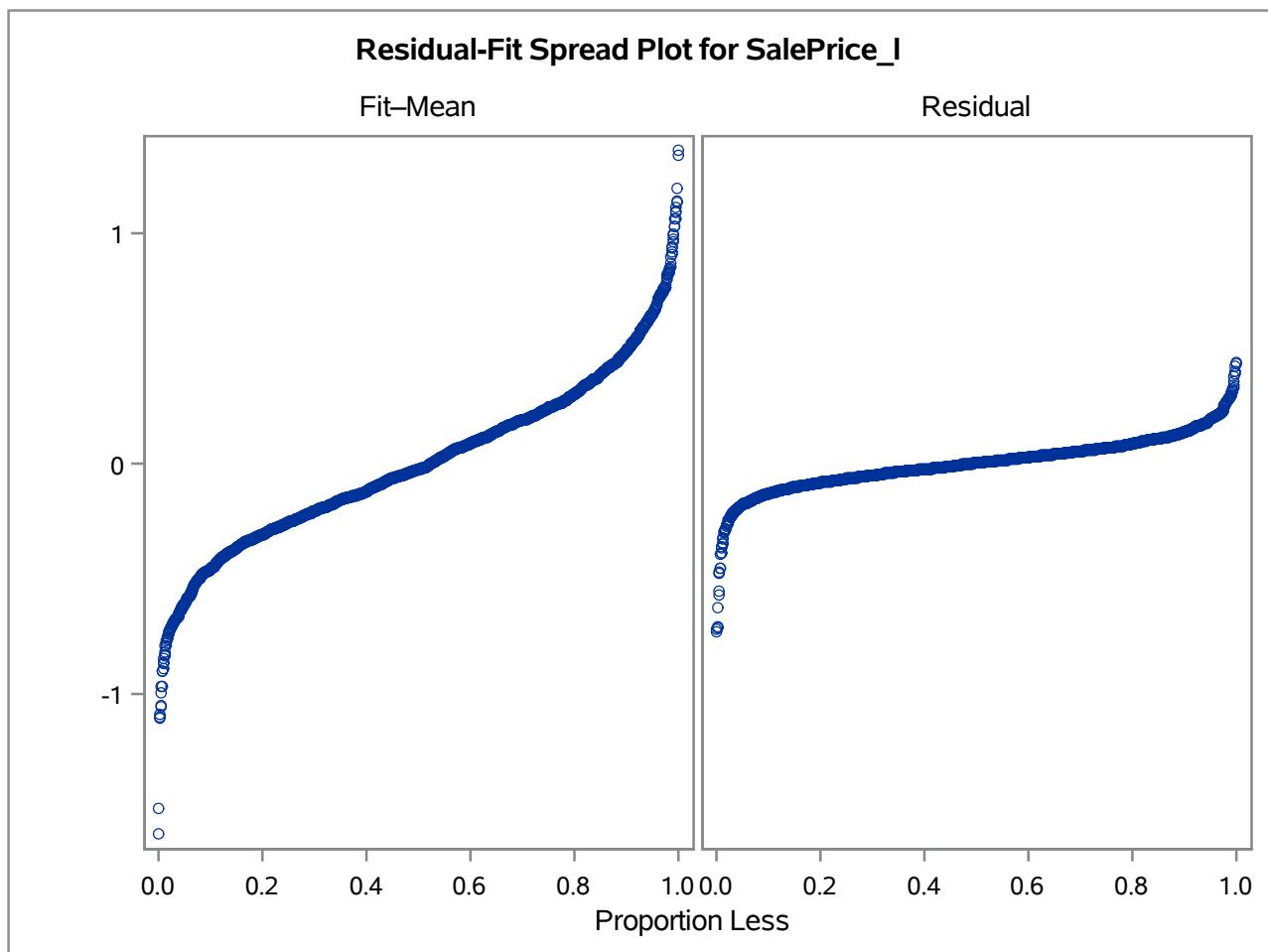
Dependent Variable: SalePrice_I



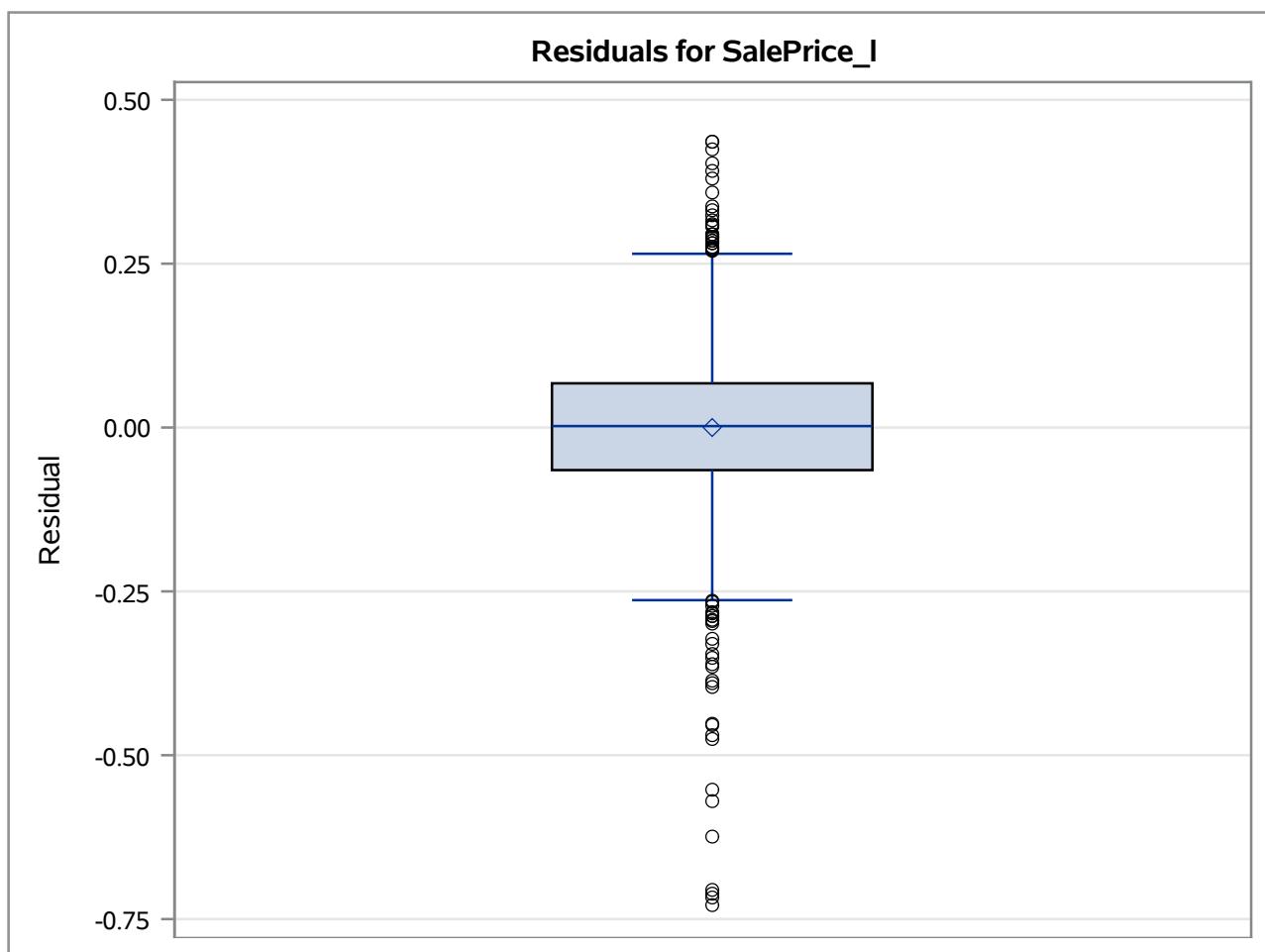
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



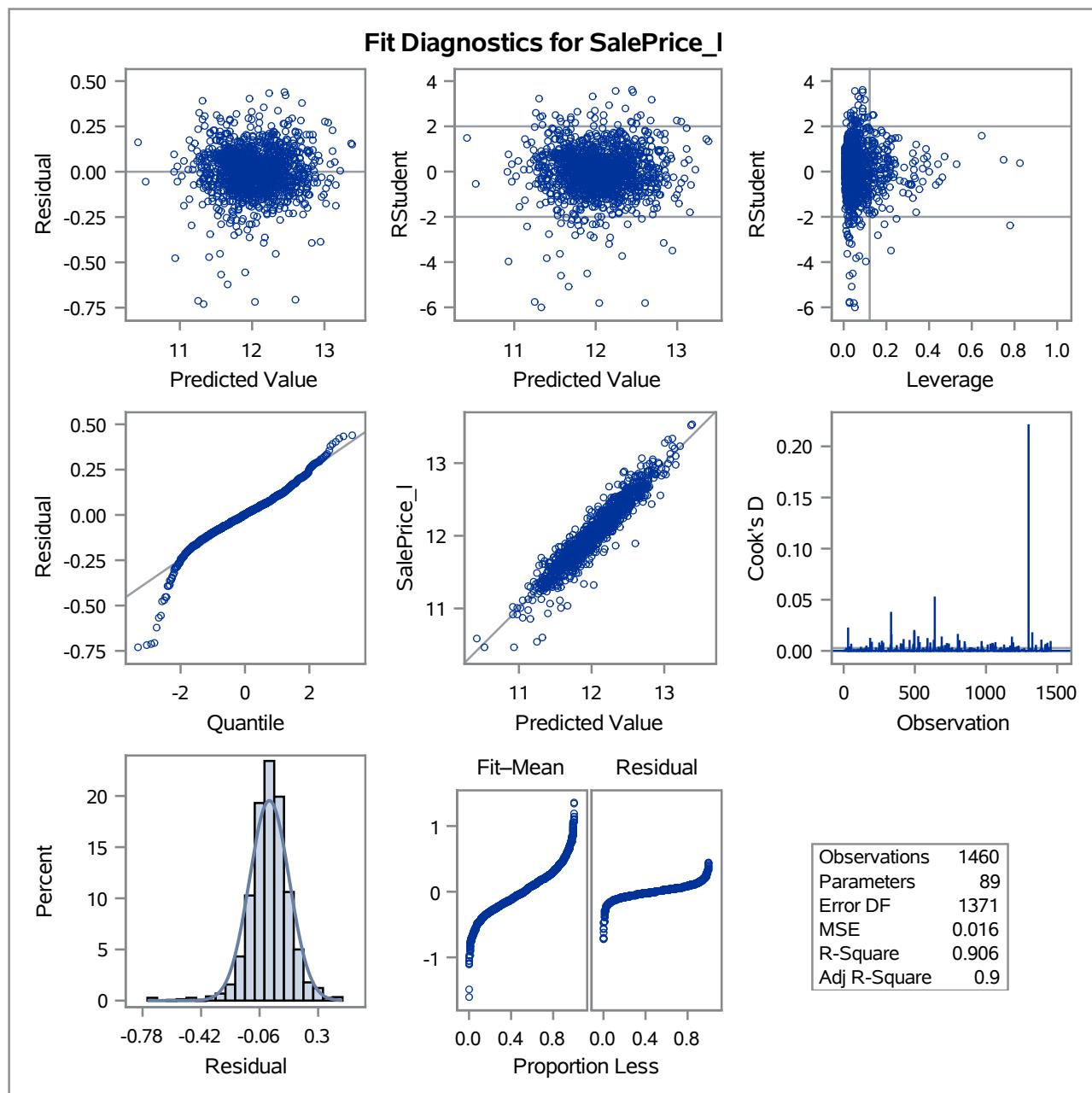
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



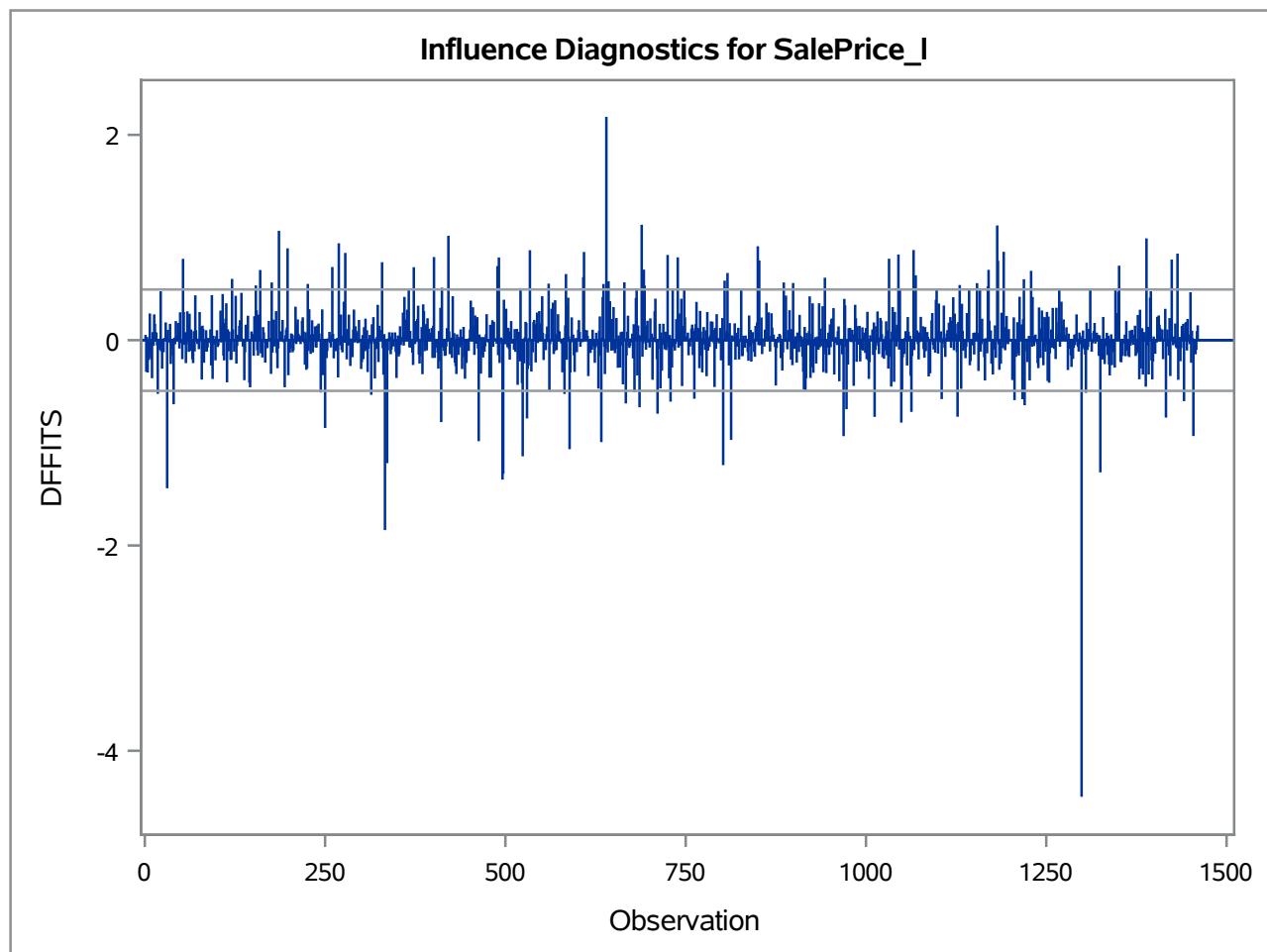
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



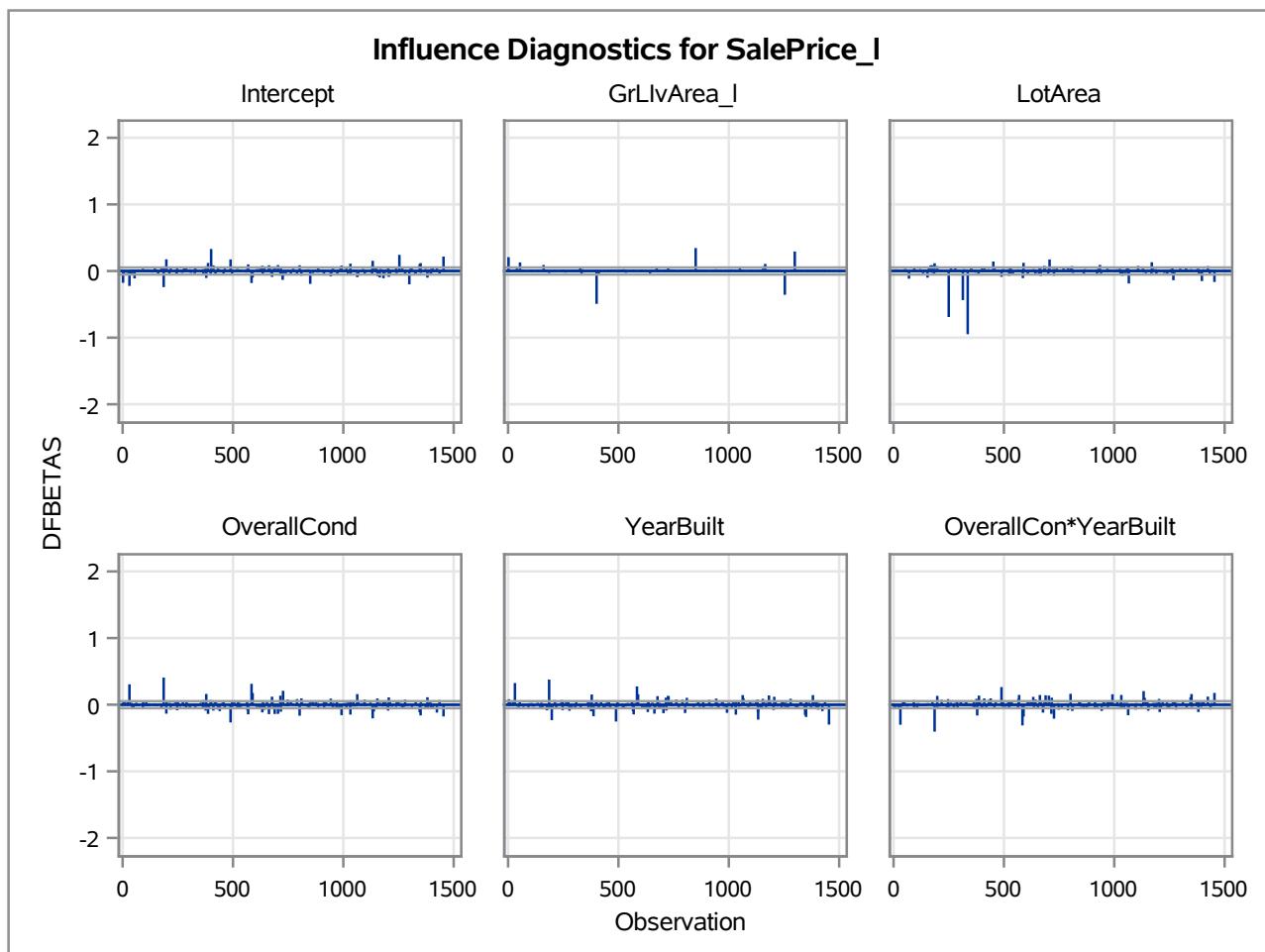
The REG Procedure

Model: MODEL1

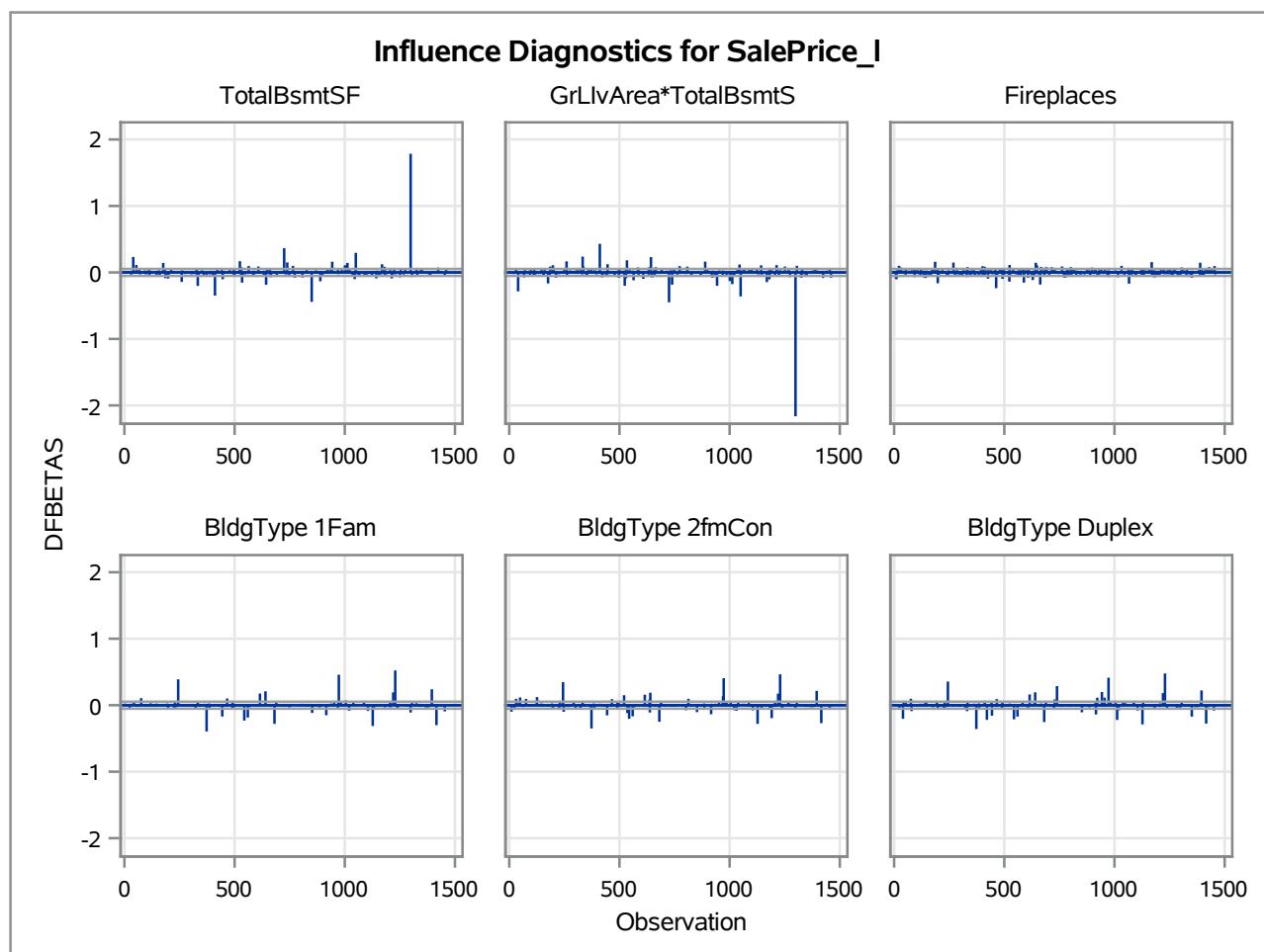
Dependent Variable: SalePrice_I



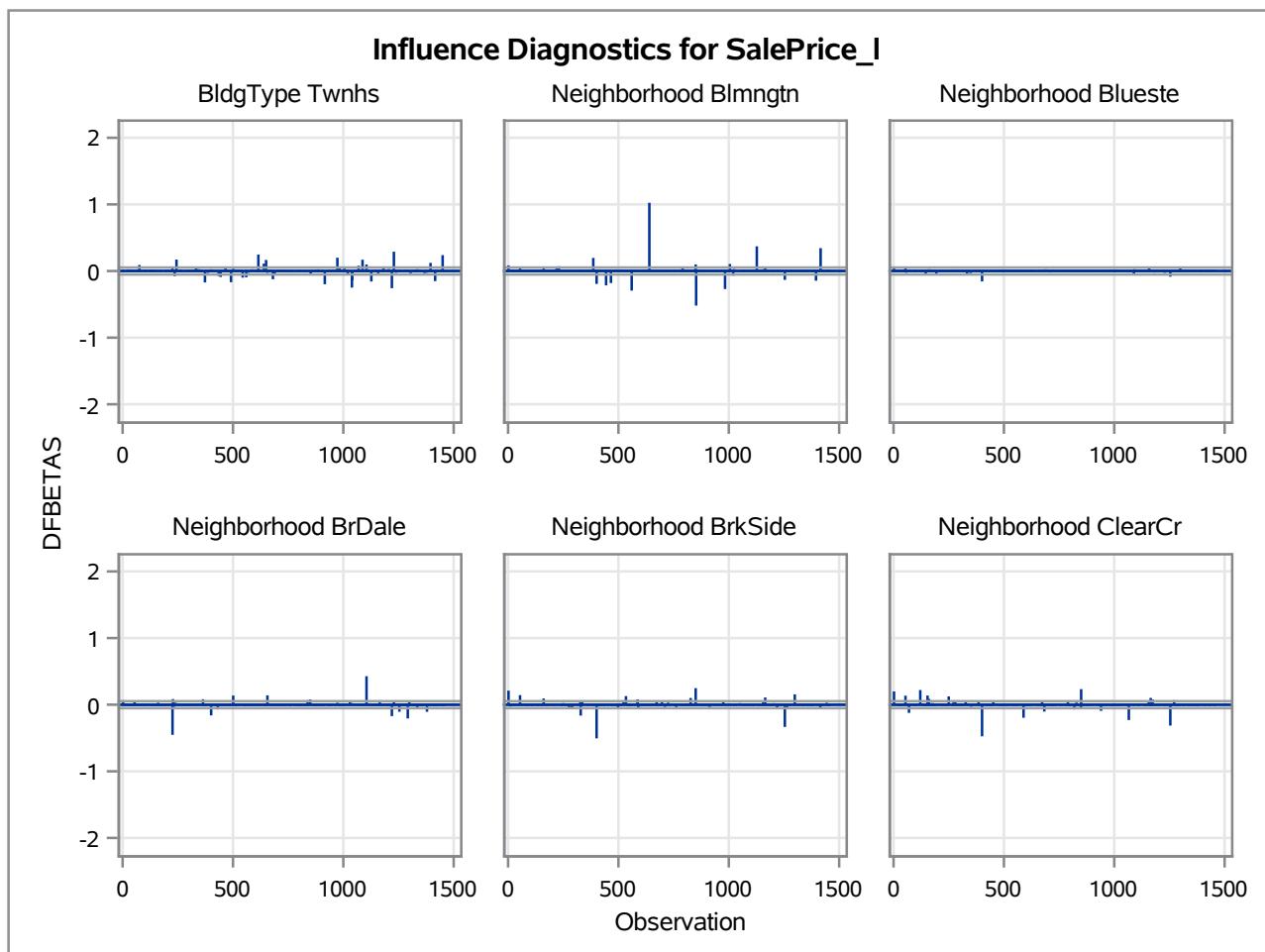
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



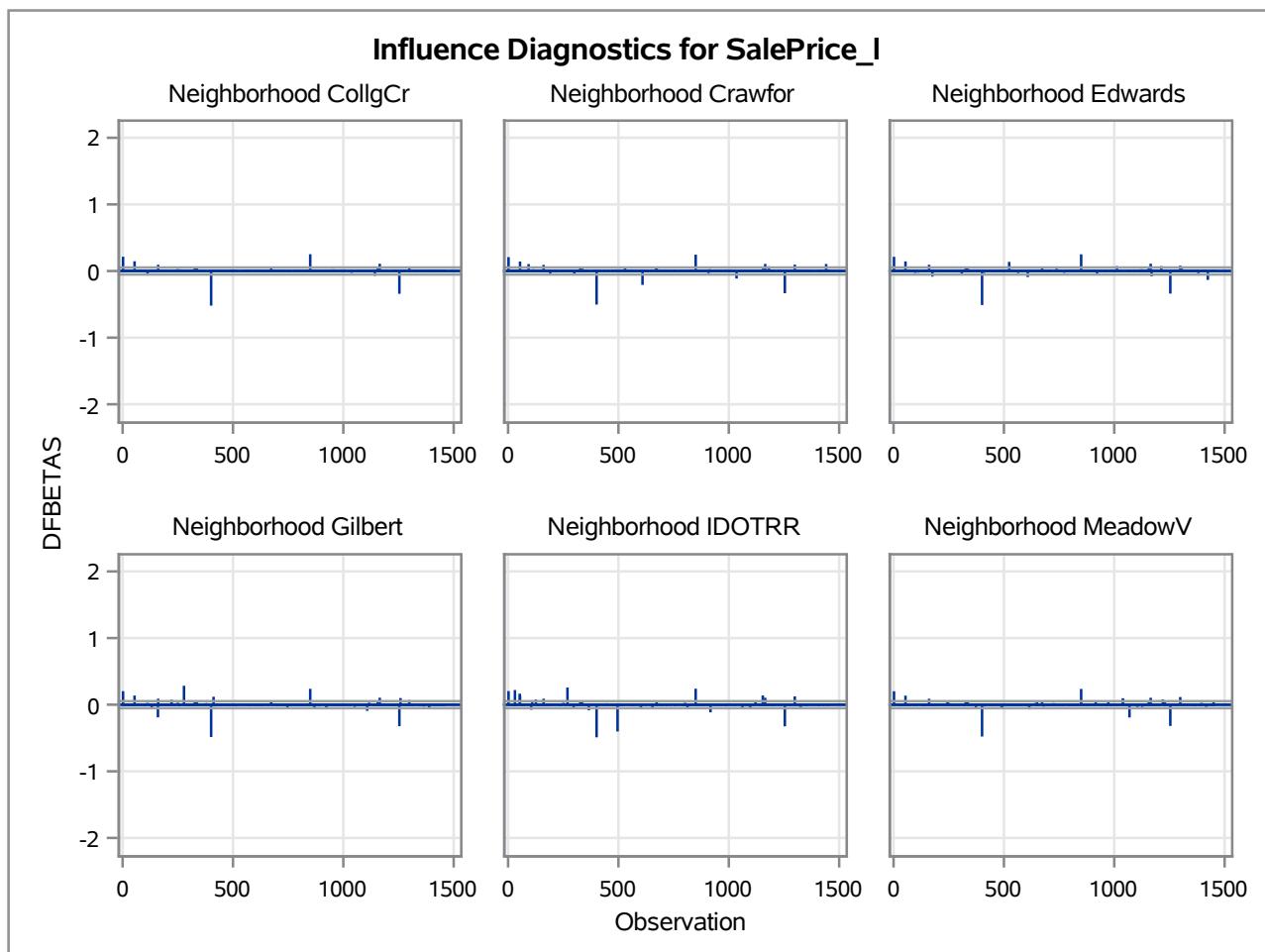
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

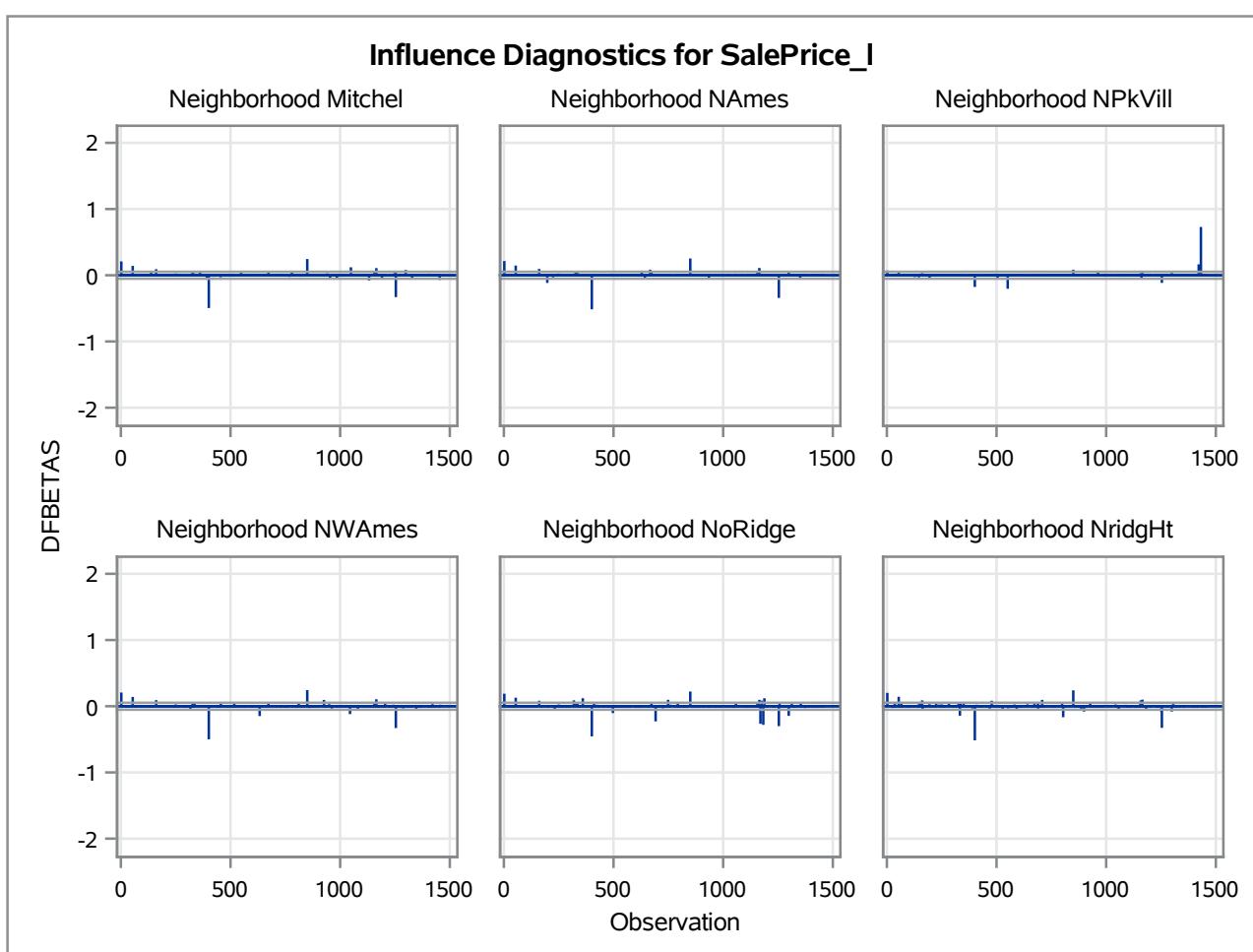


The REG Procedure

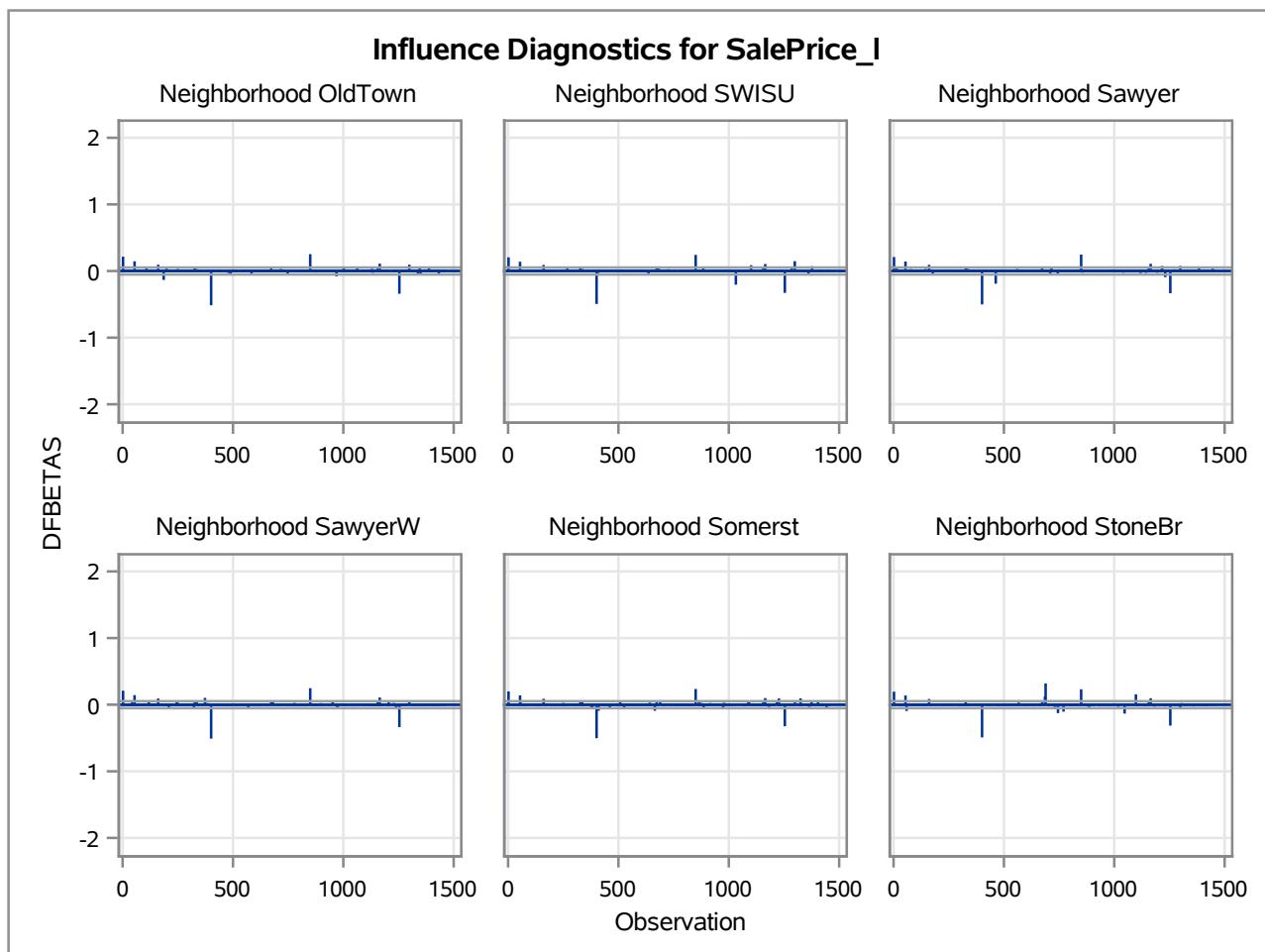
Model: MODEL1

Dependent Variable: SalePrice_I

Influence Diagnostics for SalePrice_I



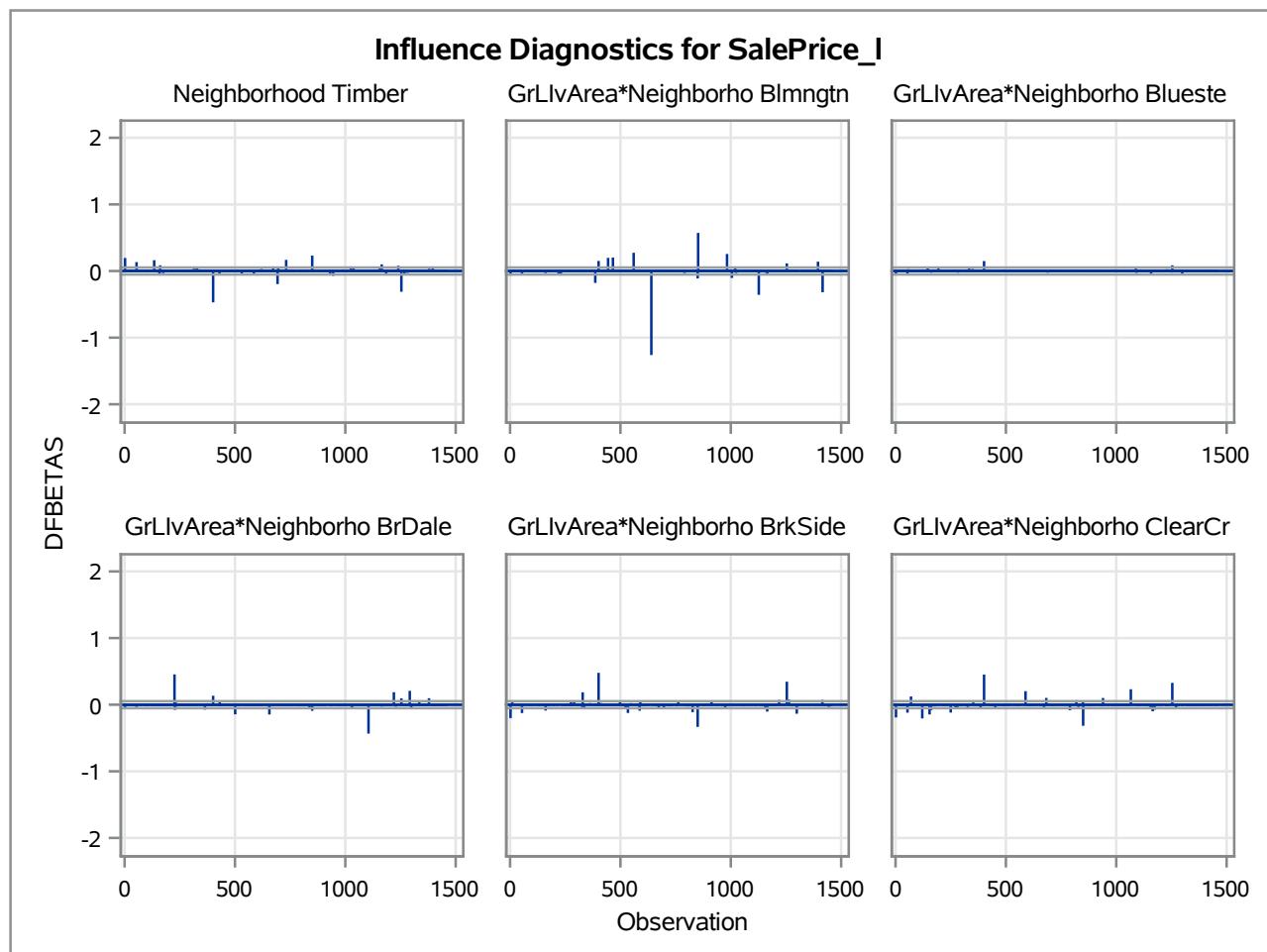
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



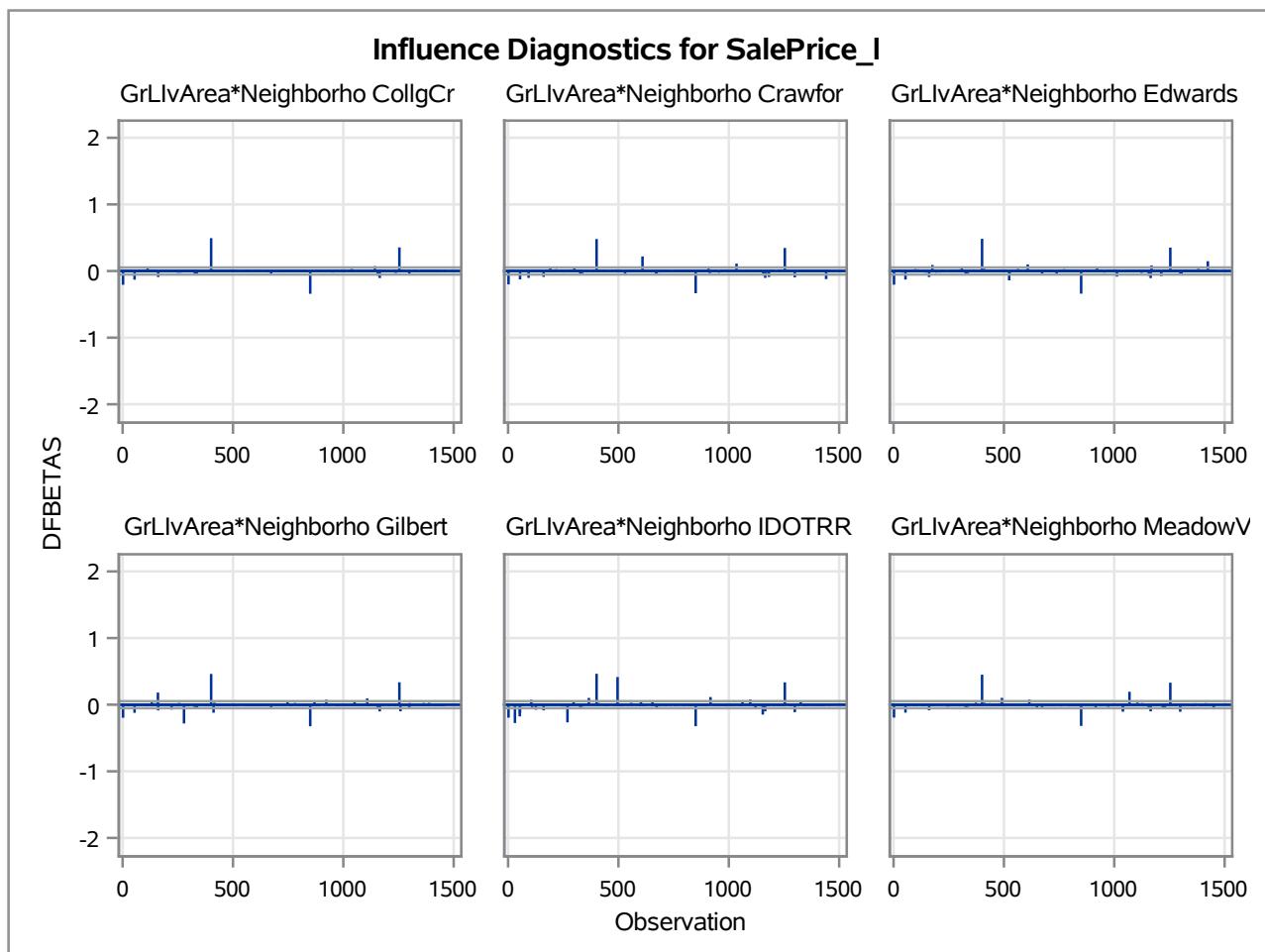
The REG Procedure

Model: MODEL1

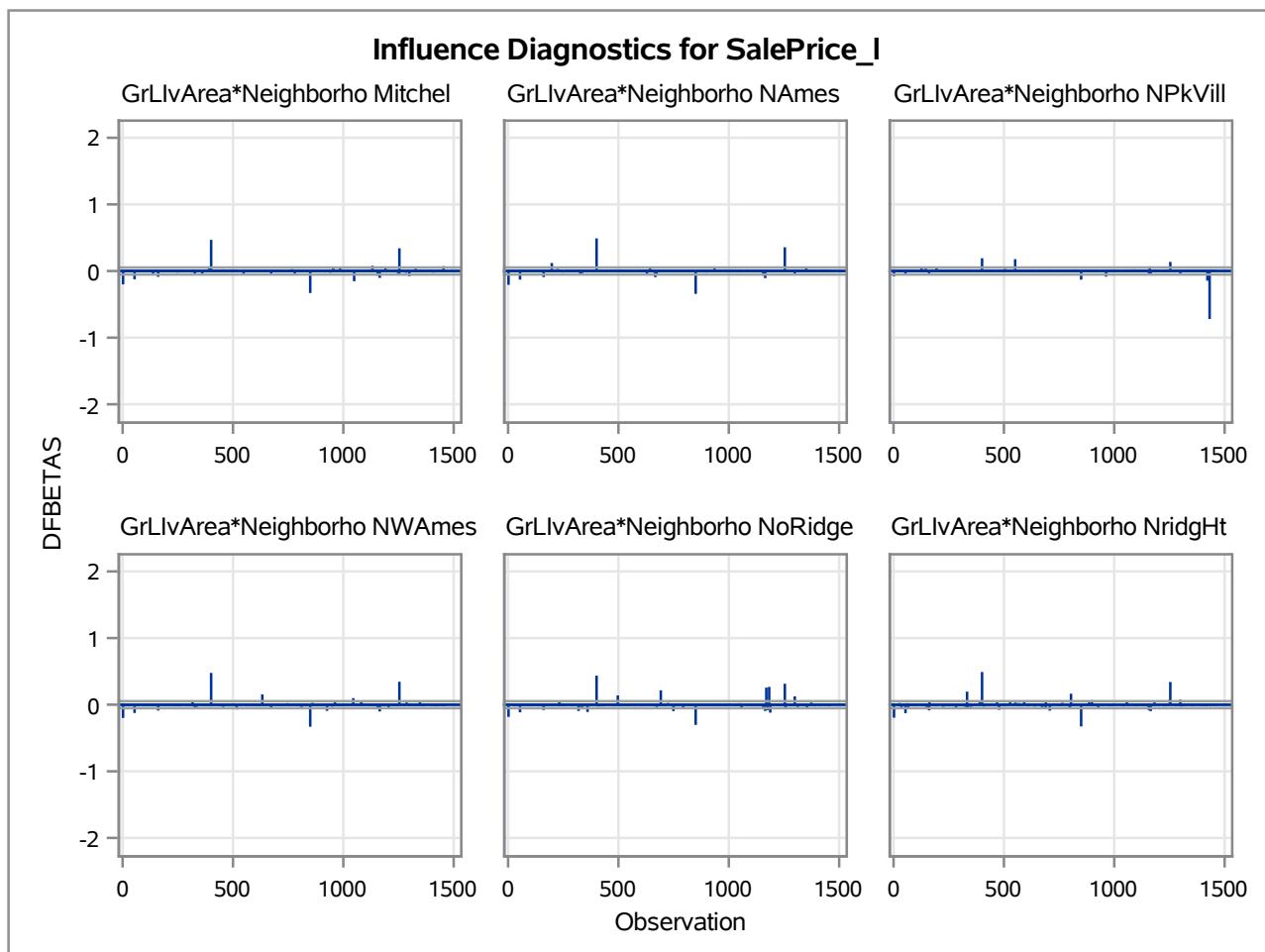
Dependent Variable: SalePrice_I



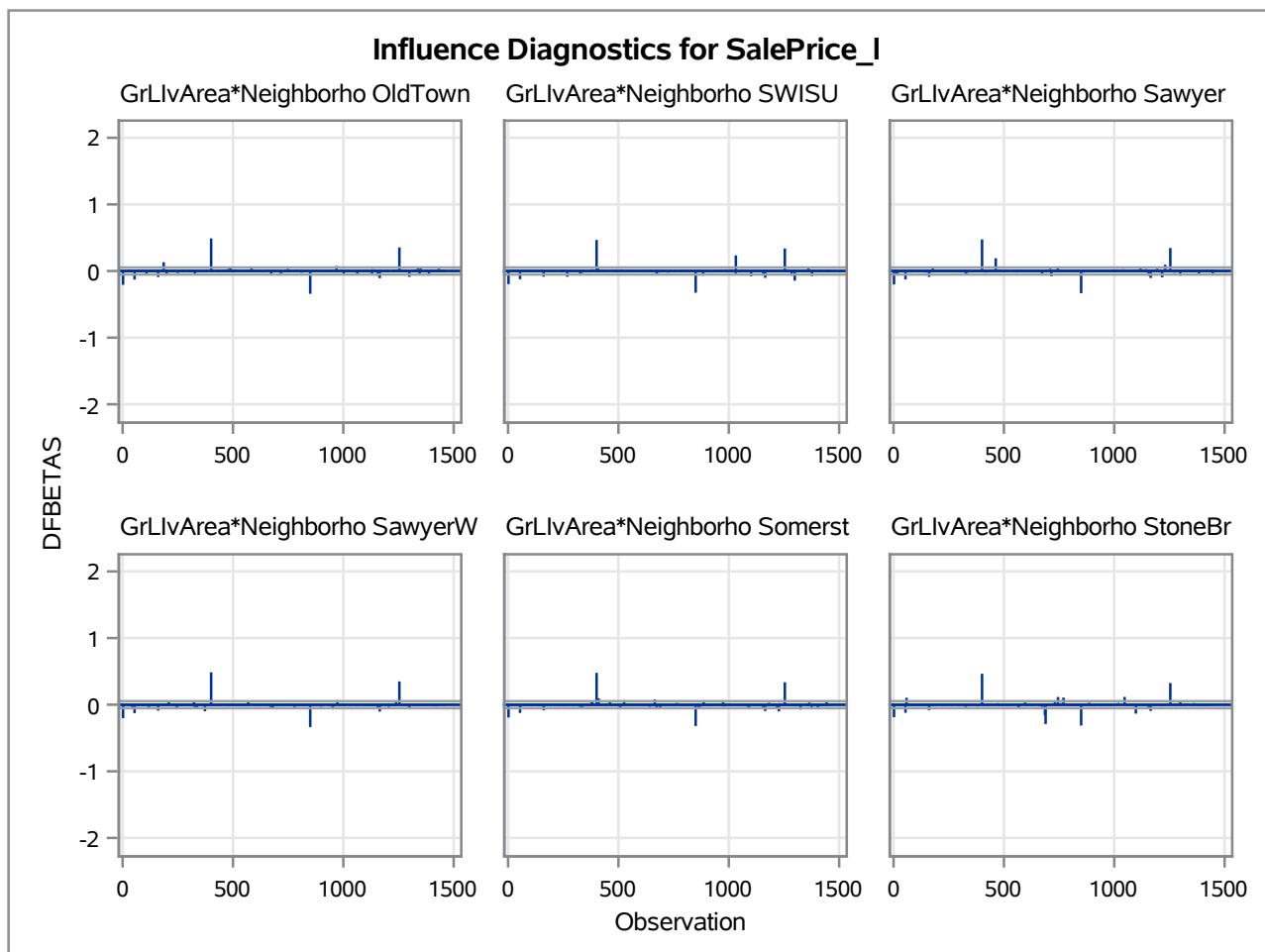
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

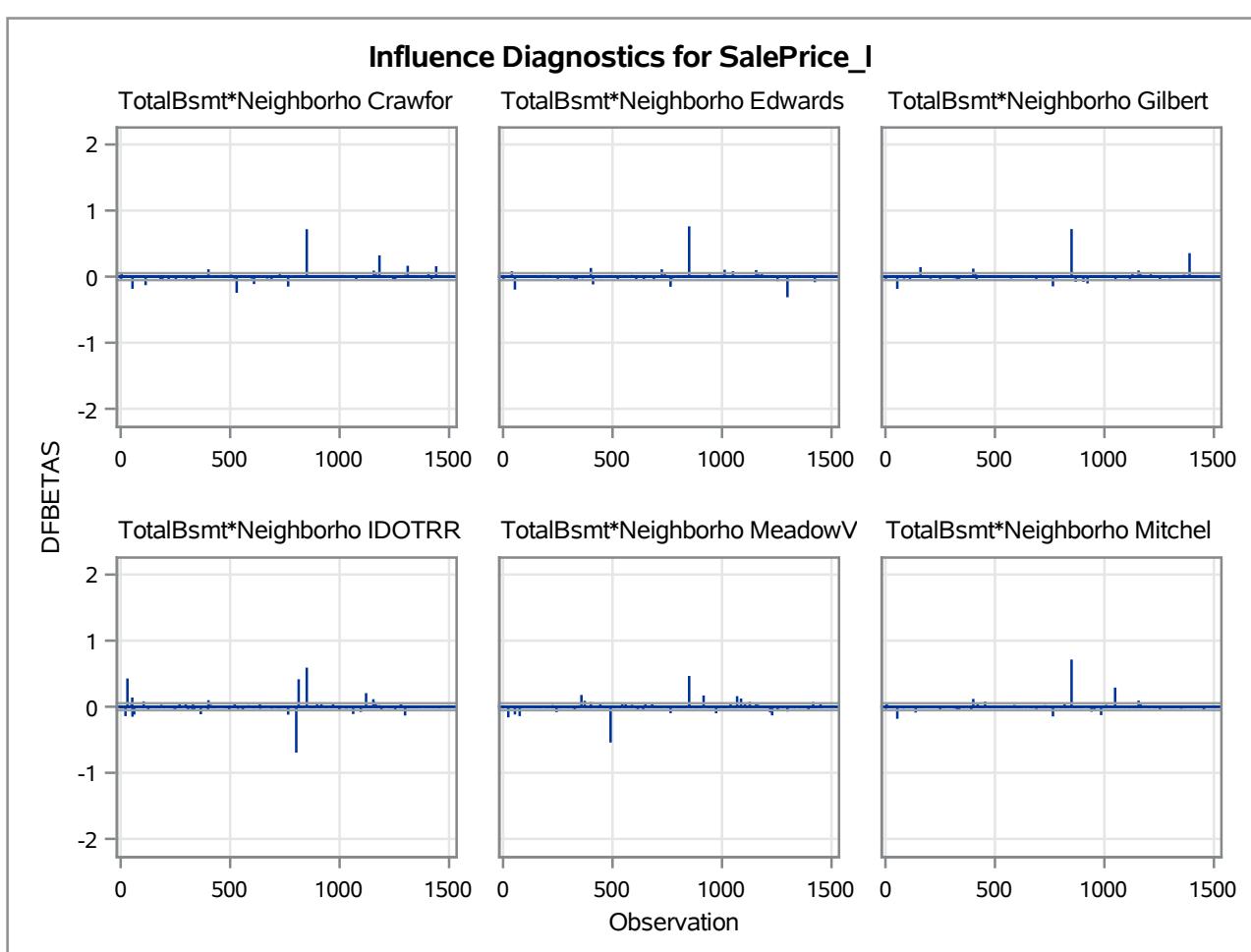


The REG Procedure

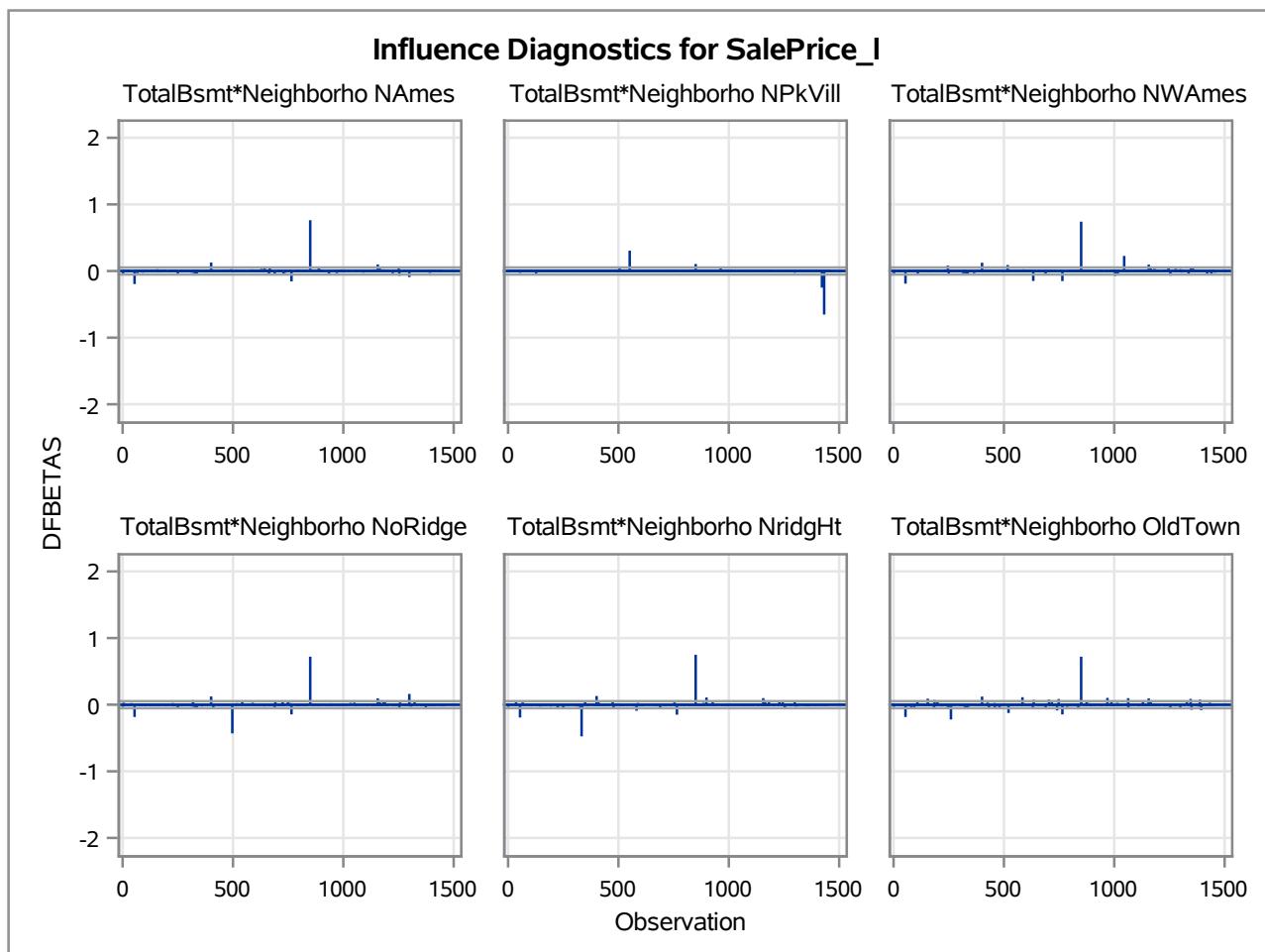
Model: MODEL1

Dependent Variable: SalePrice_I

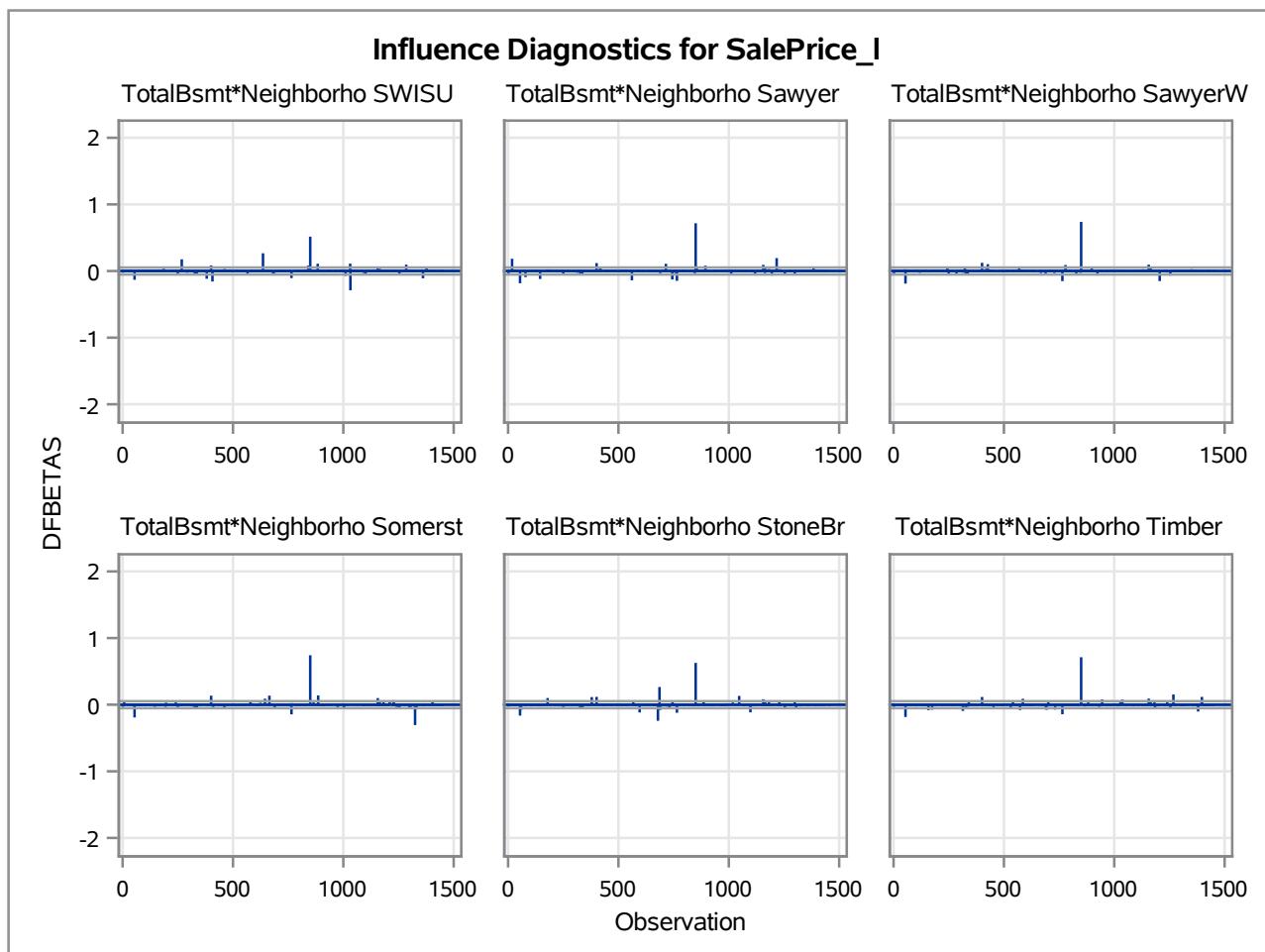
Influence Diagnostics for SalePrice_I



The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



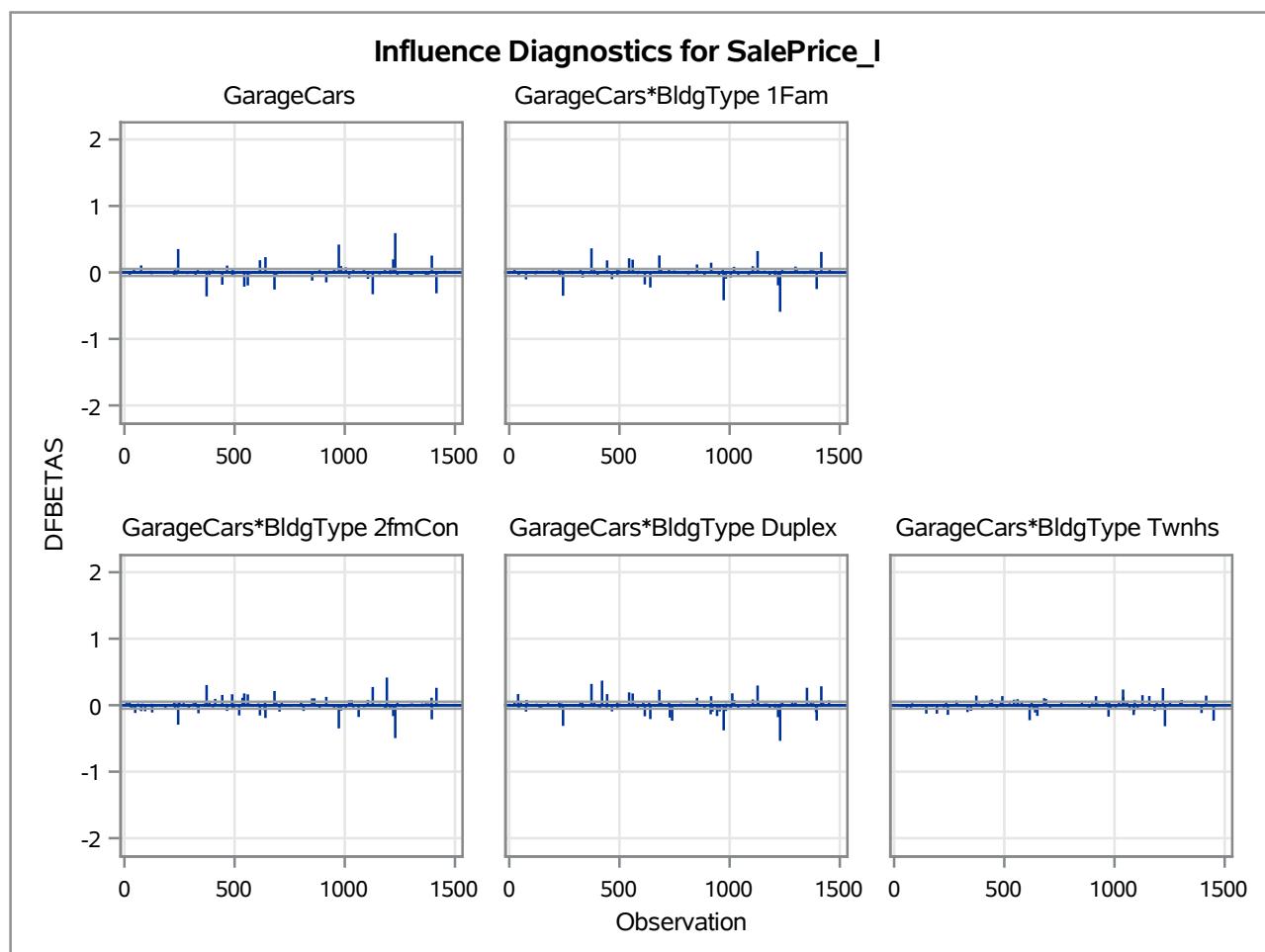
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

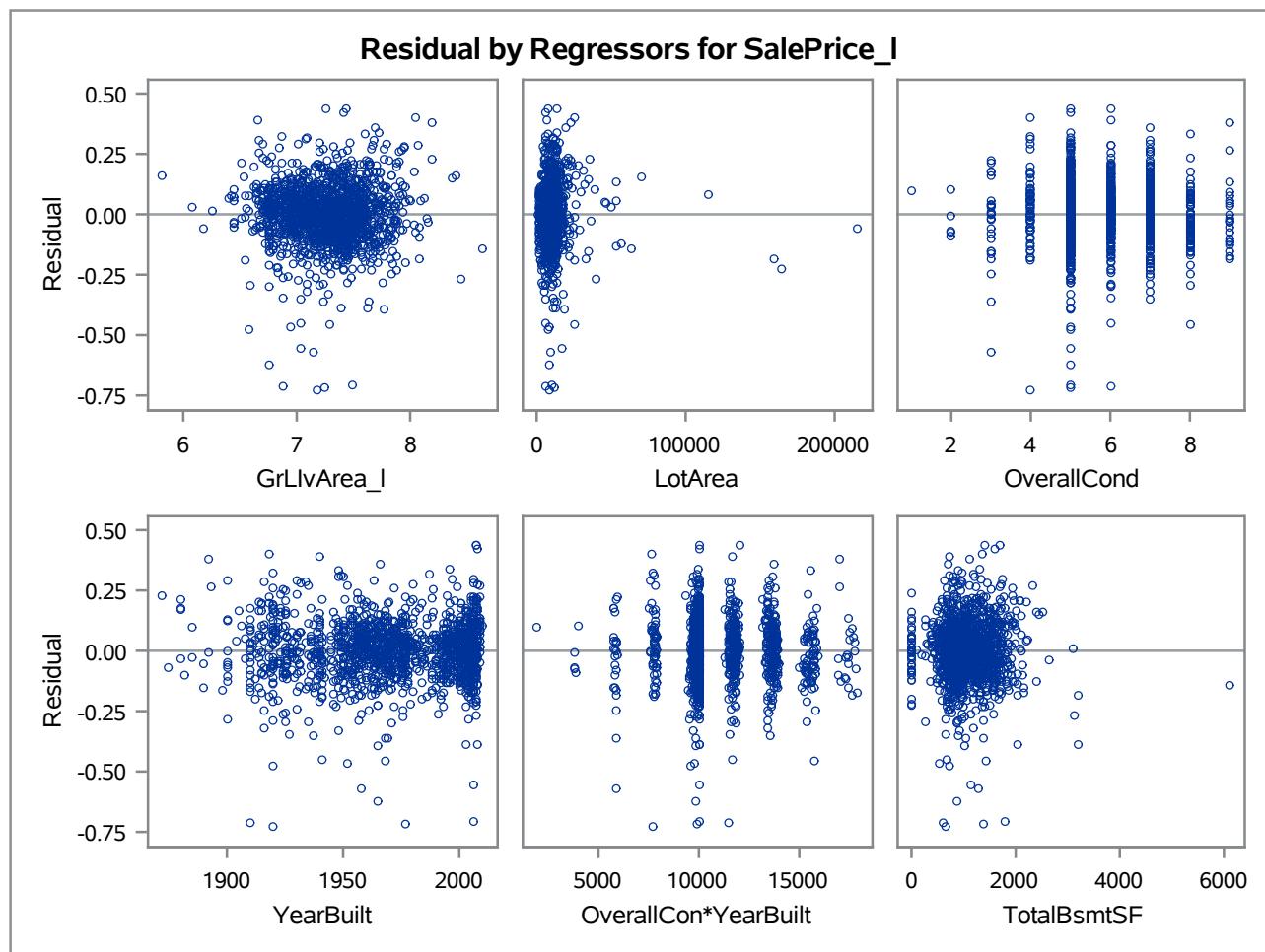
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

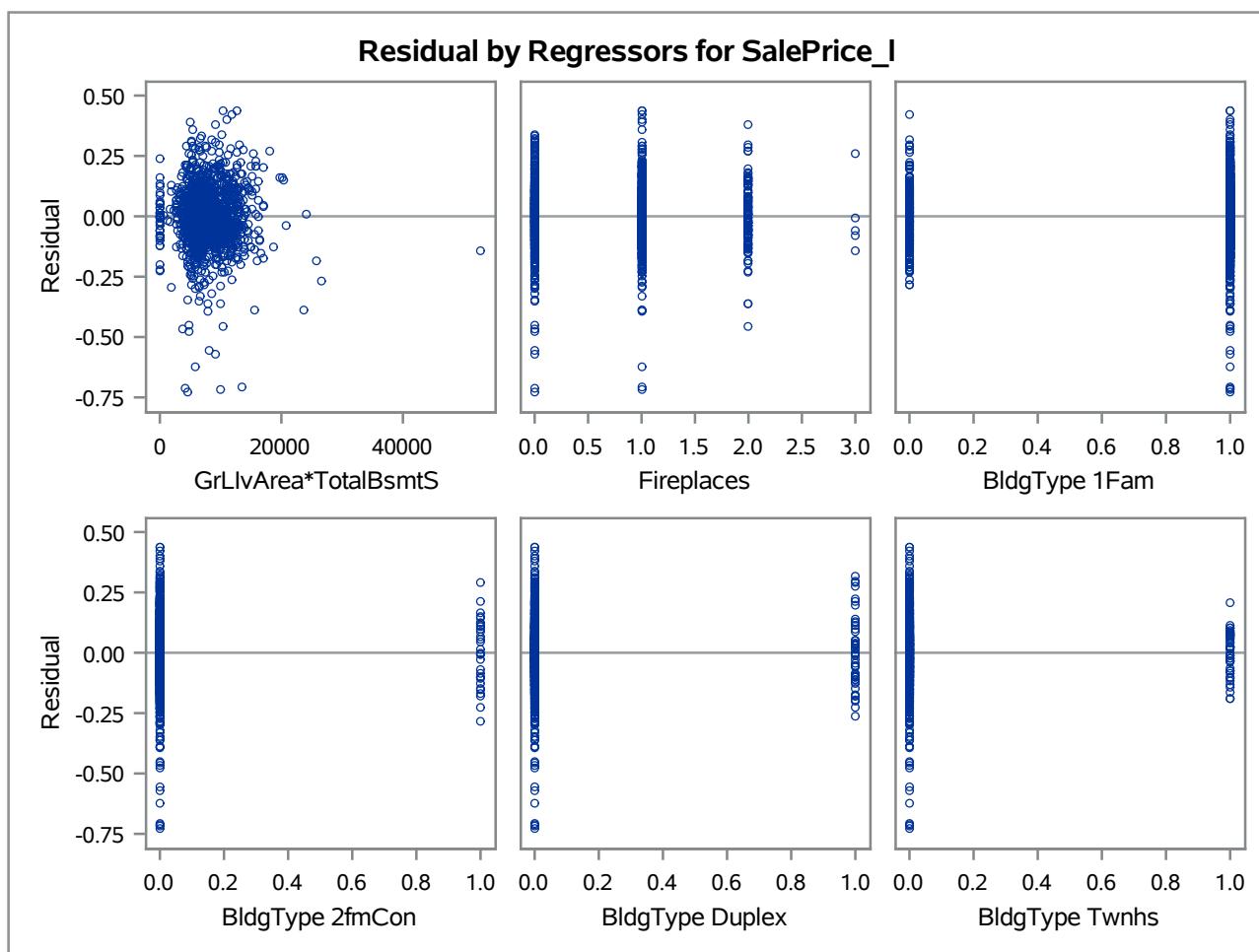
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

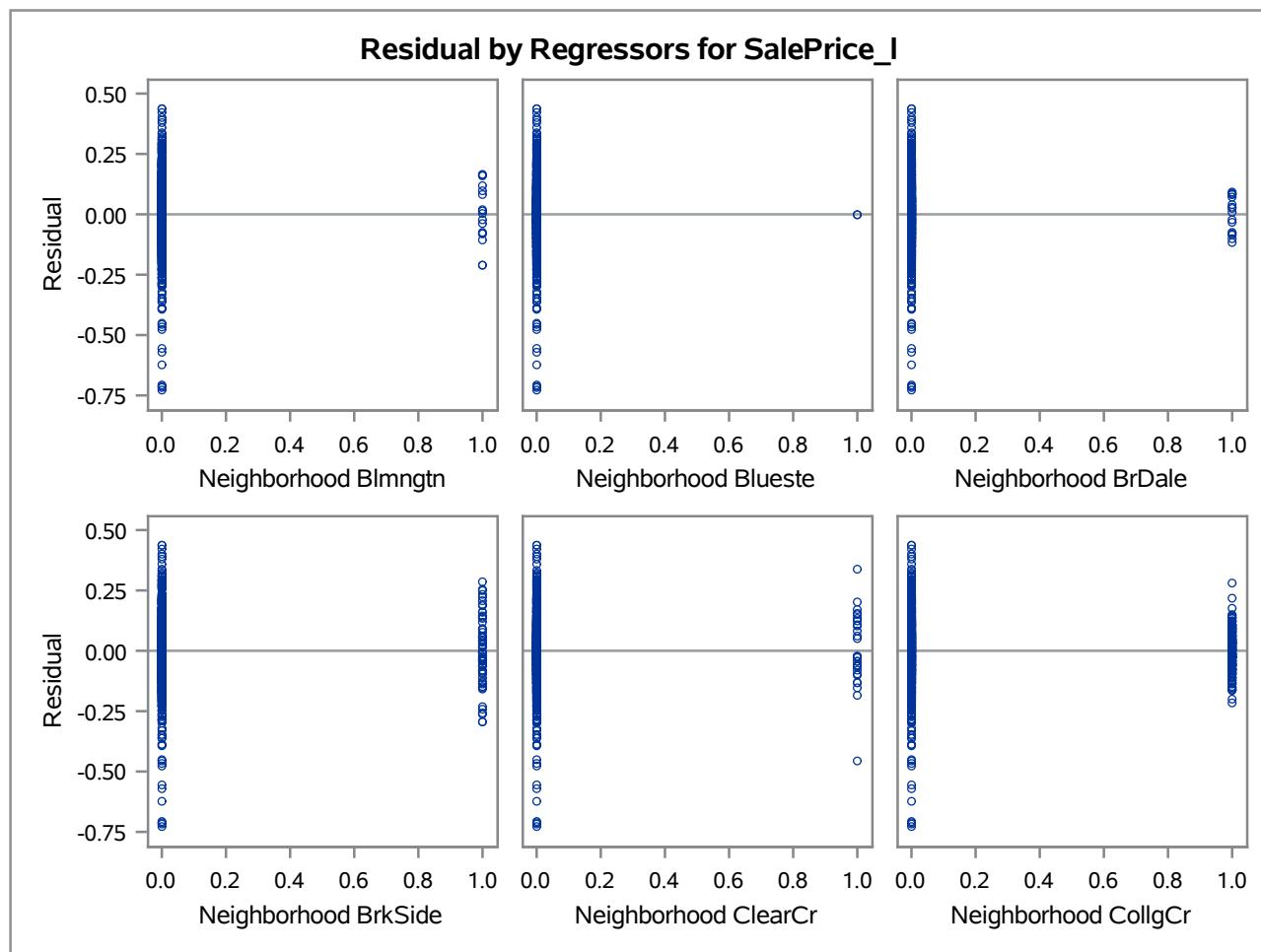
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

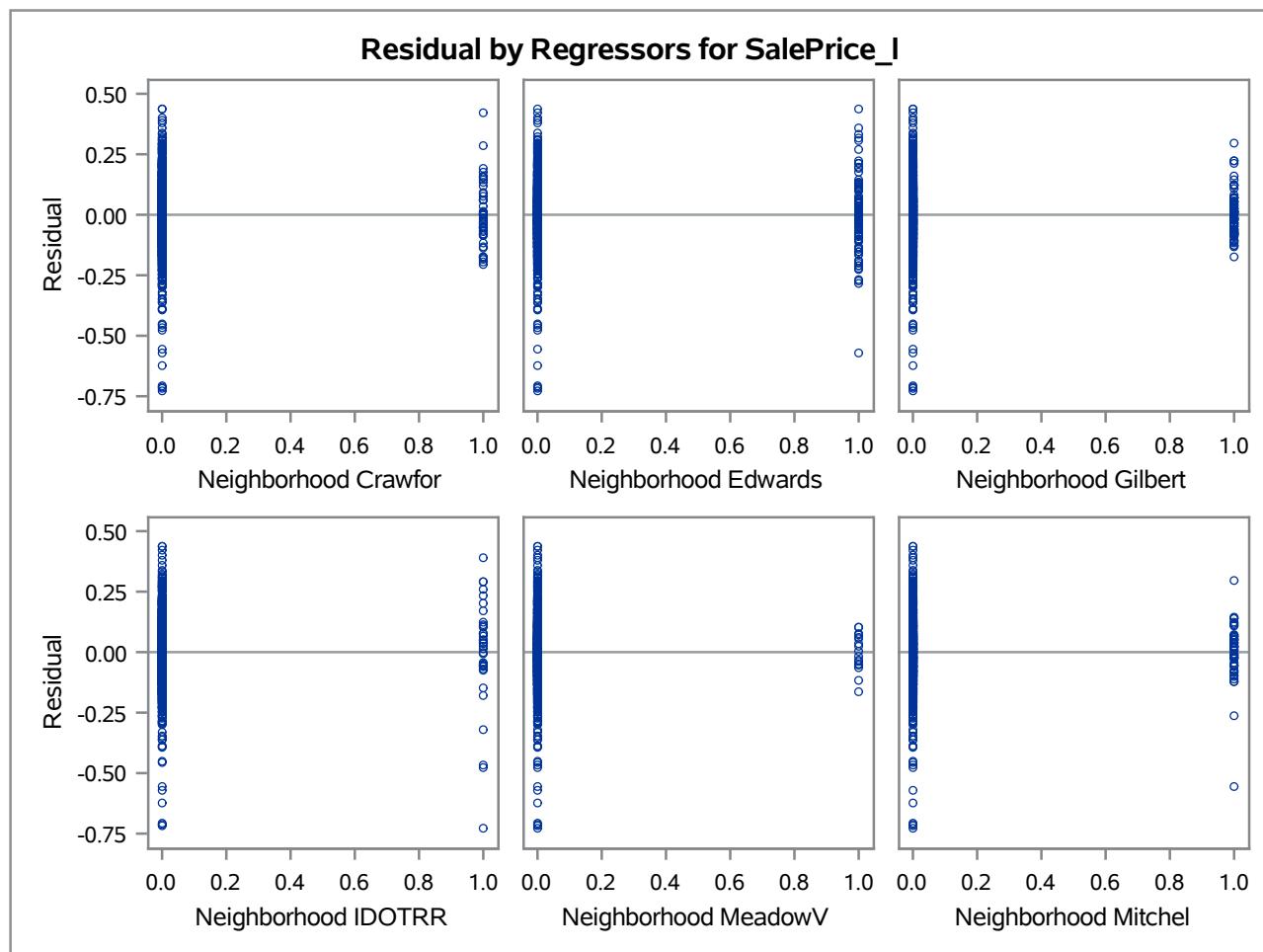
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

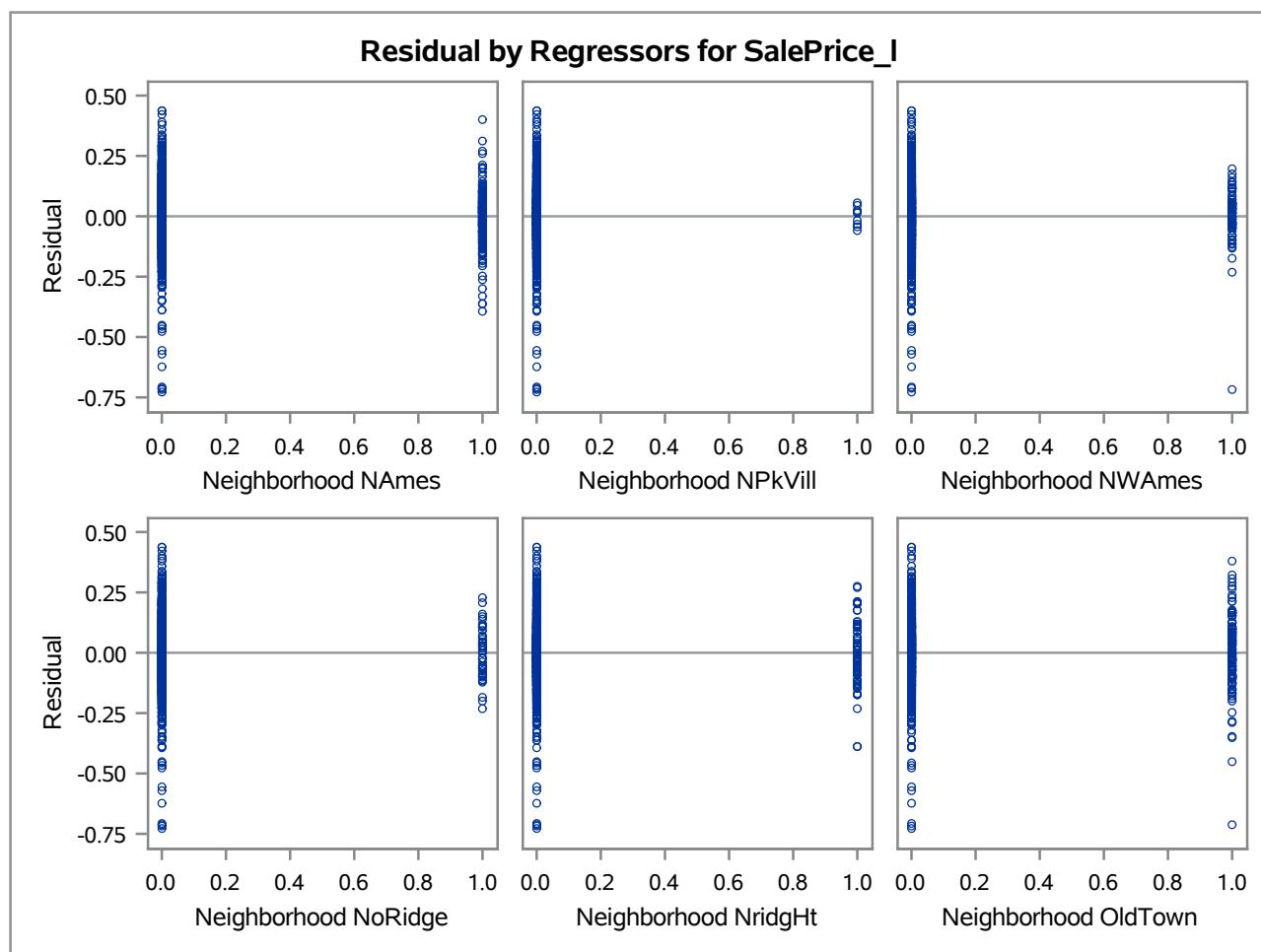
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

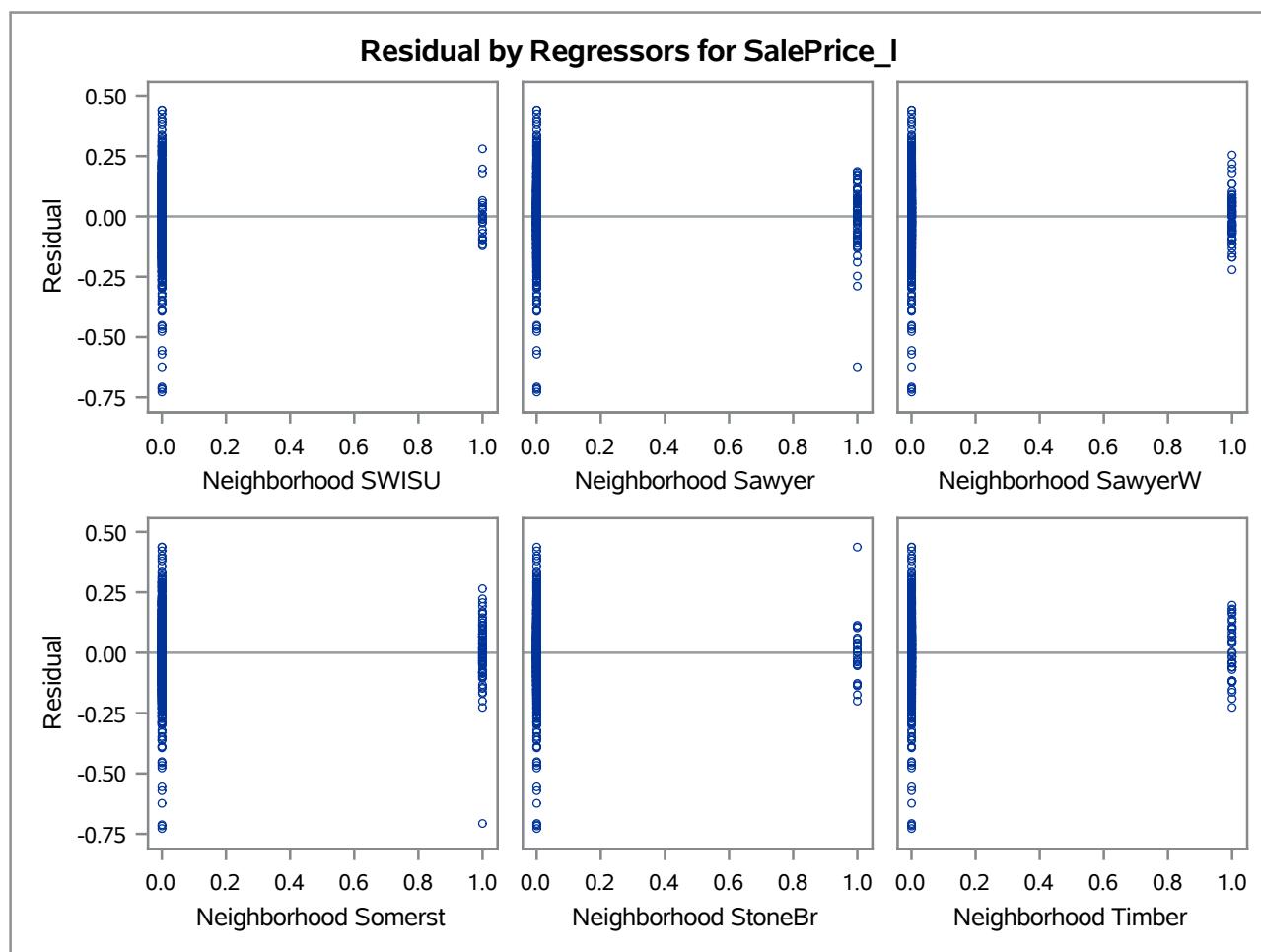
Dependent Variable: SalePrice_I



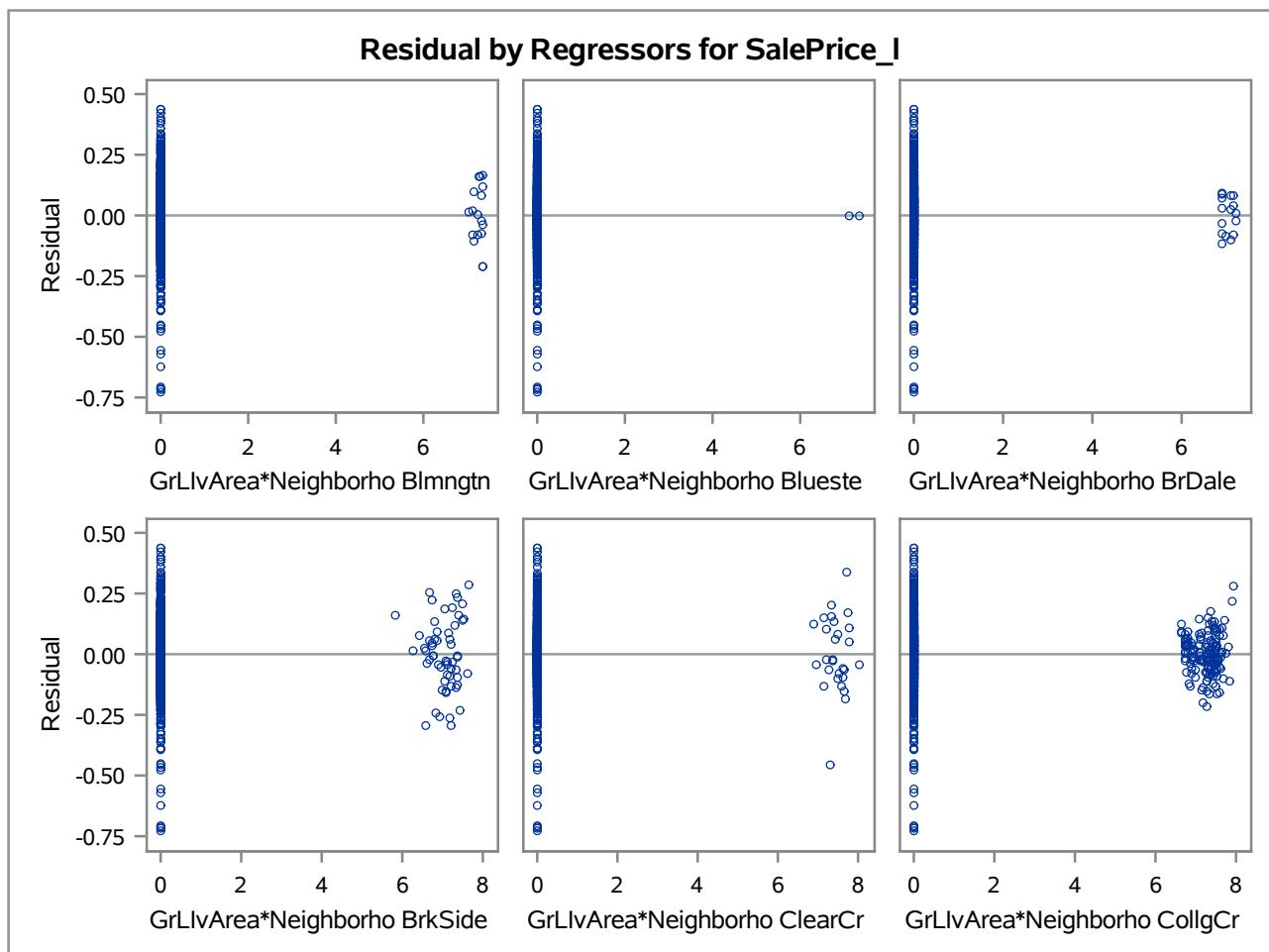
The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



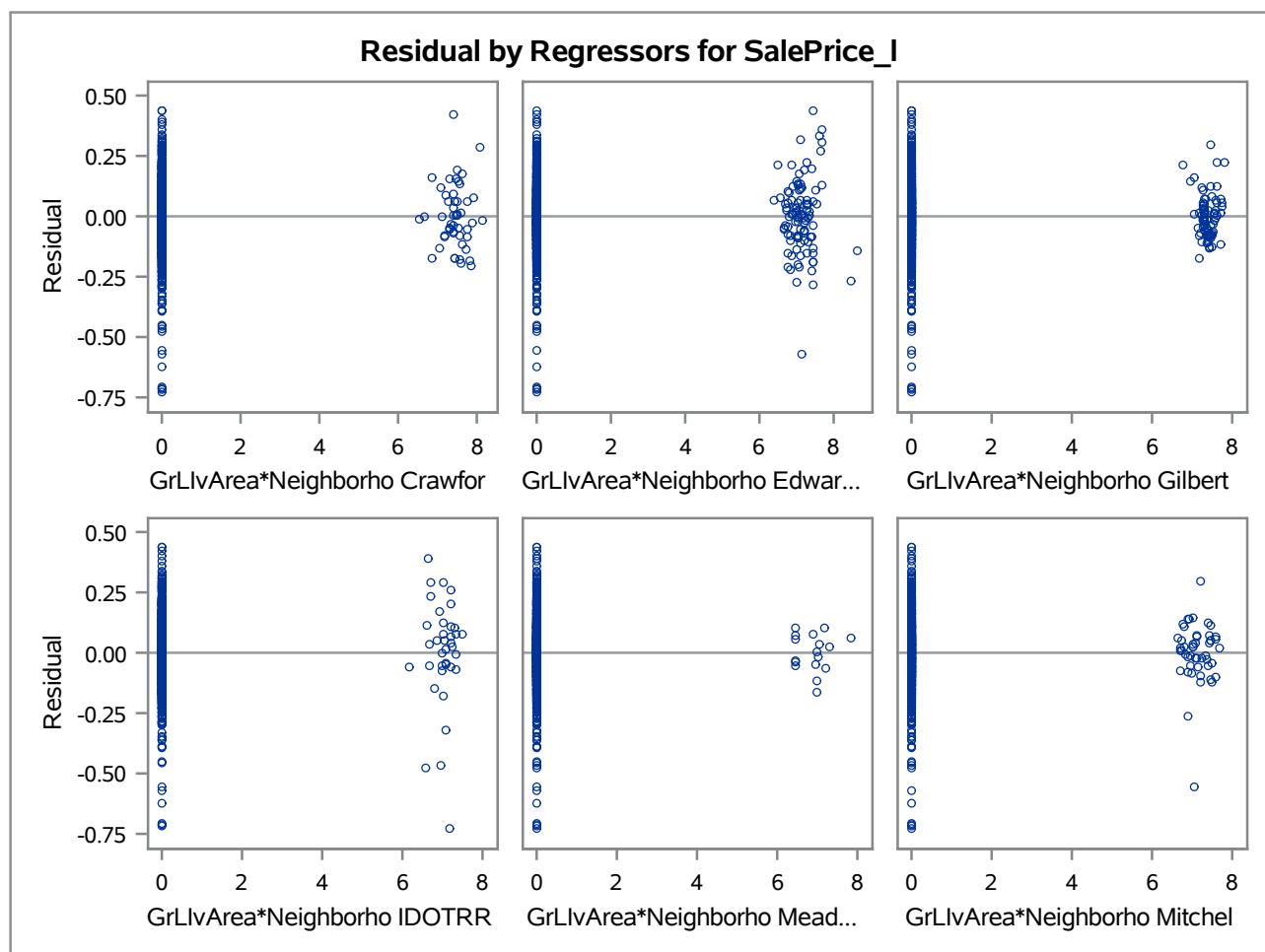
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



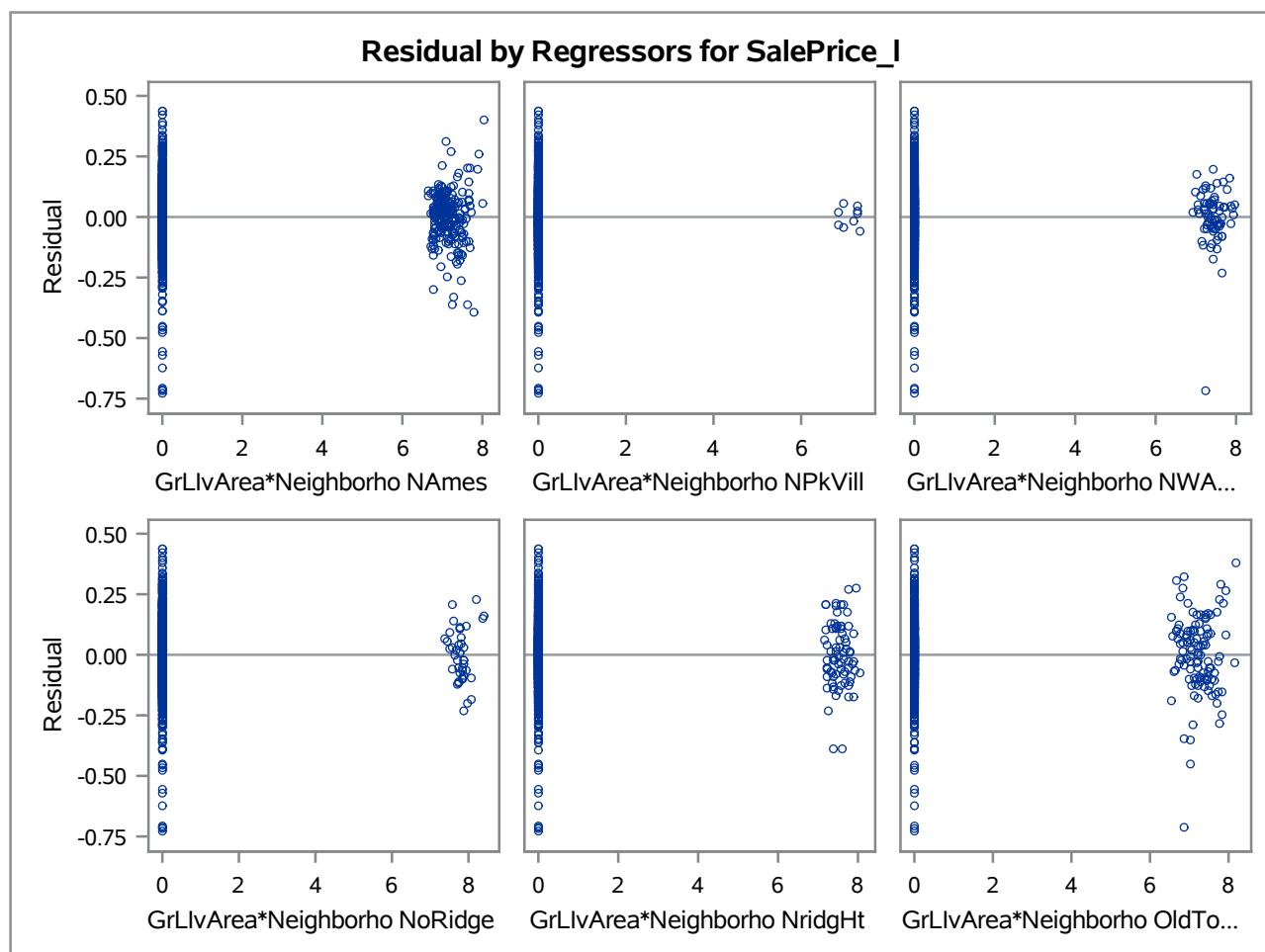
The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



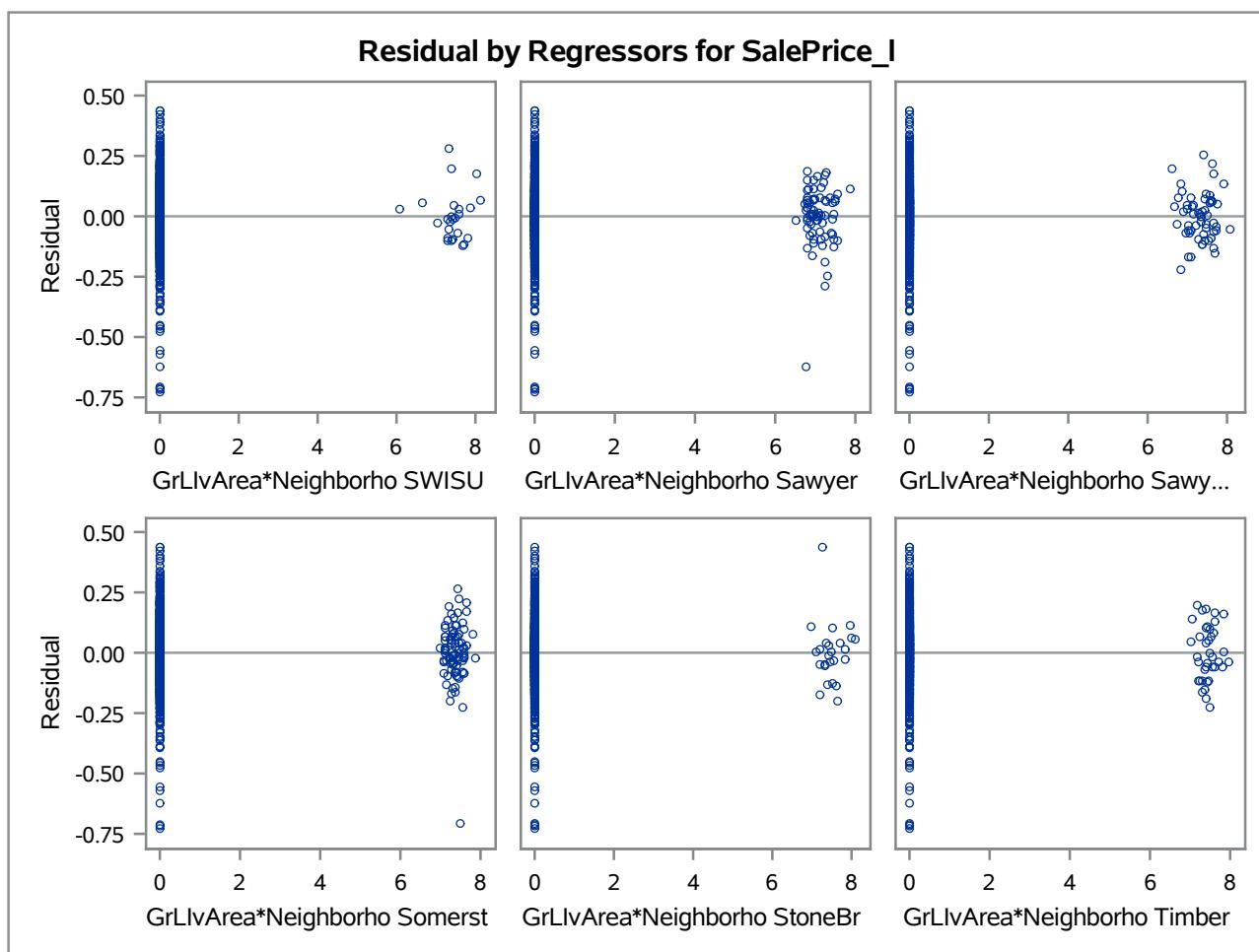
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

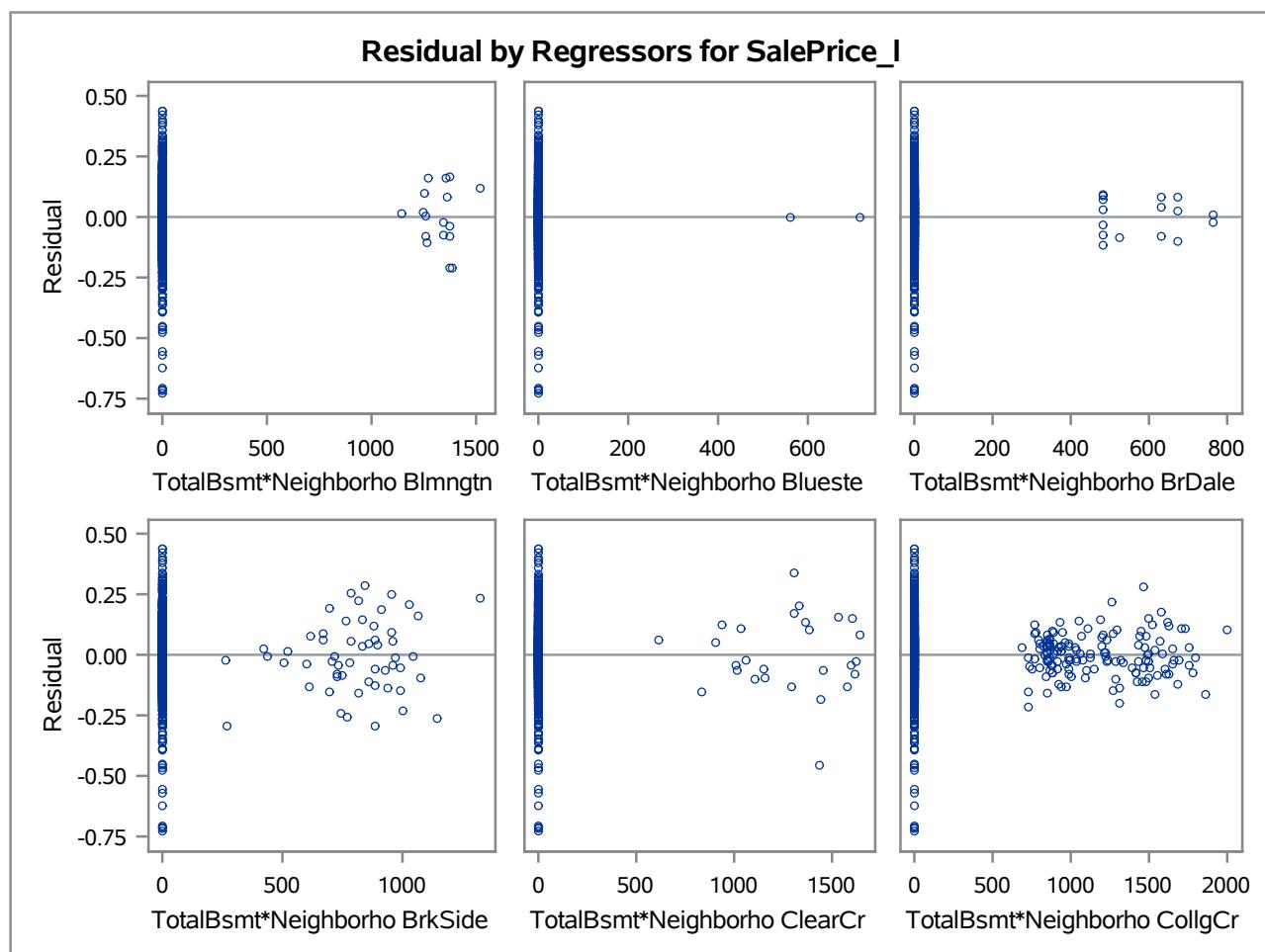
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

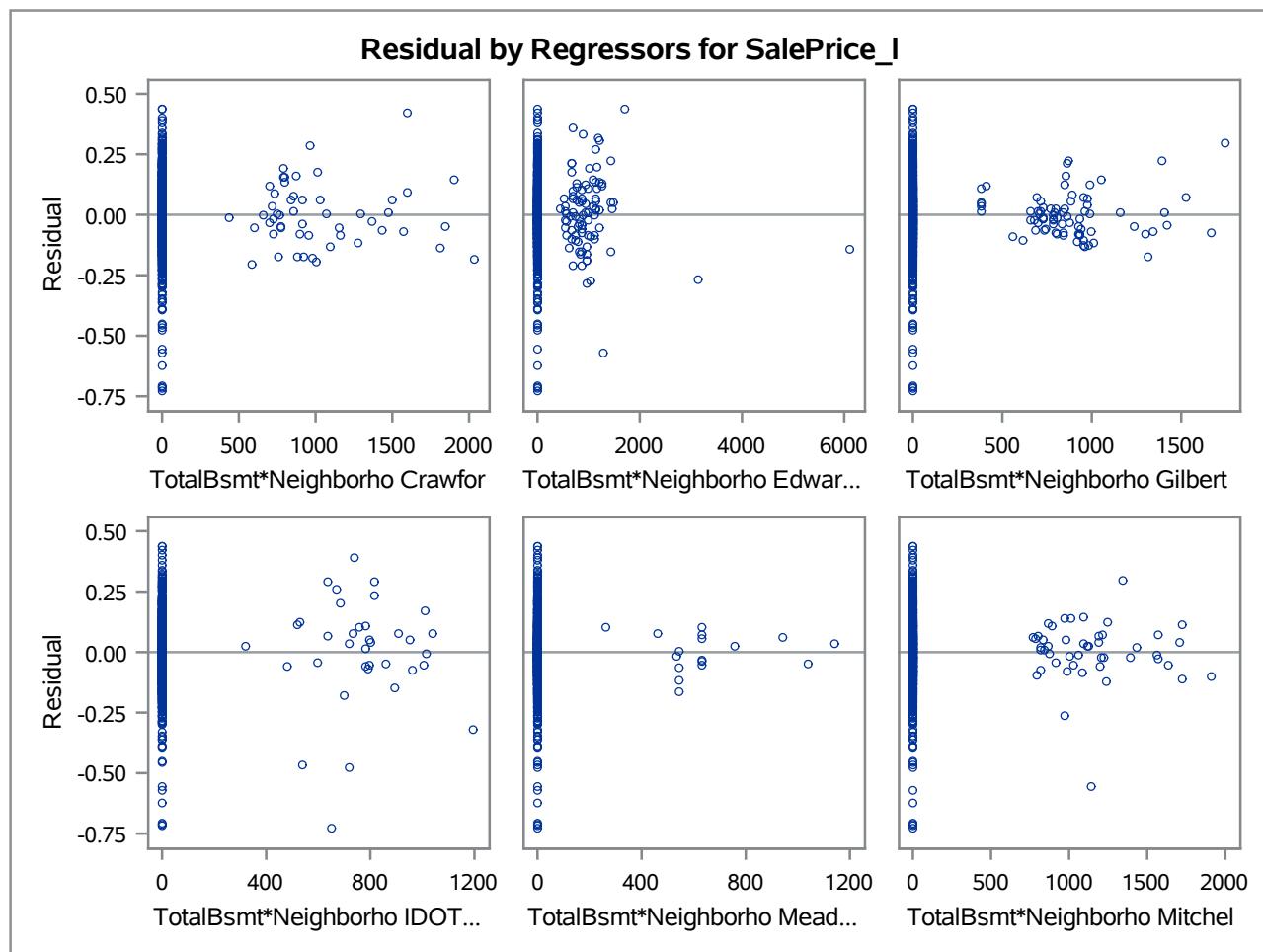
Dependent Variable: SalePrice_I



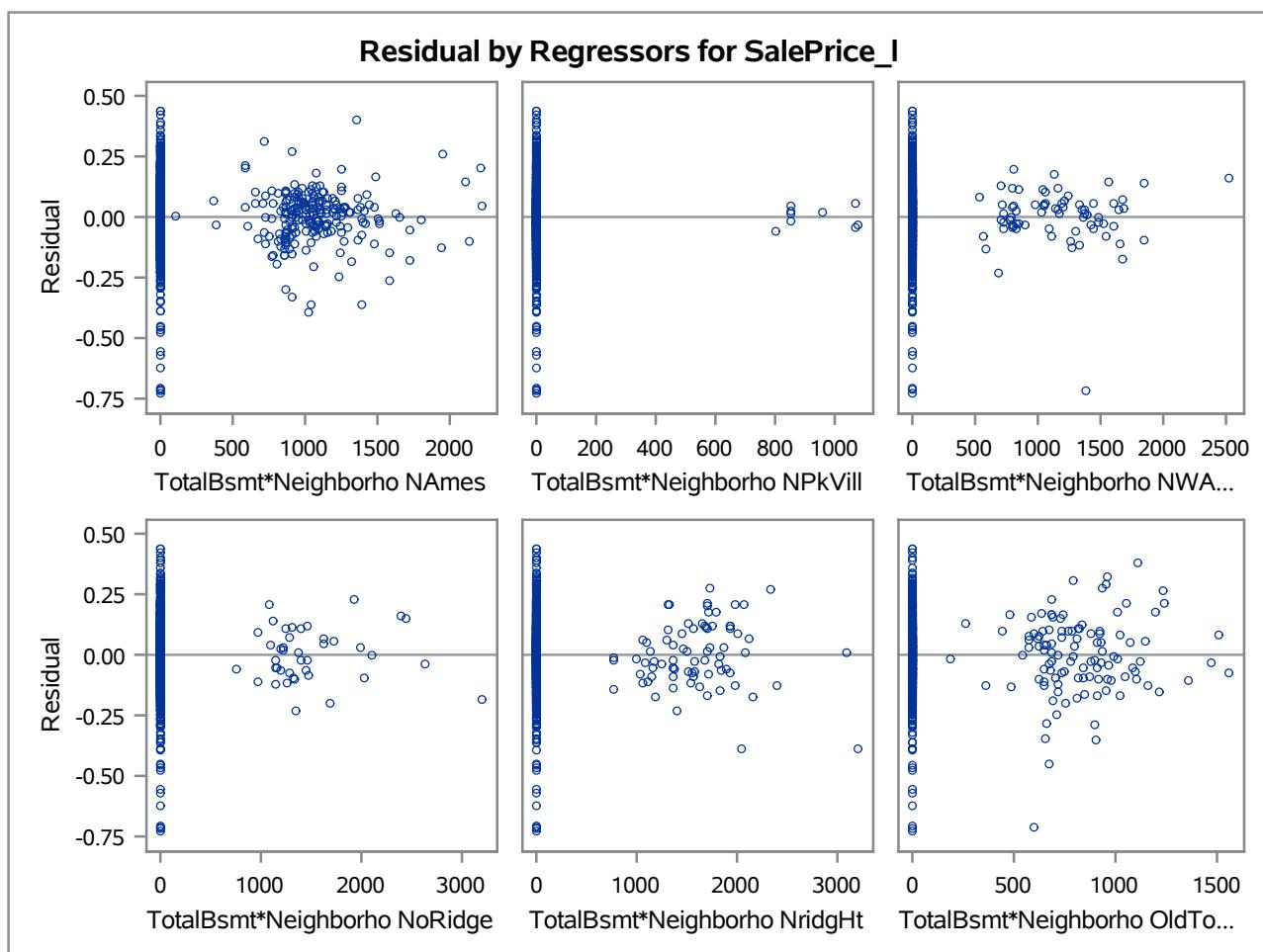
The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



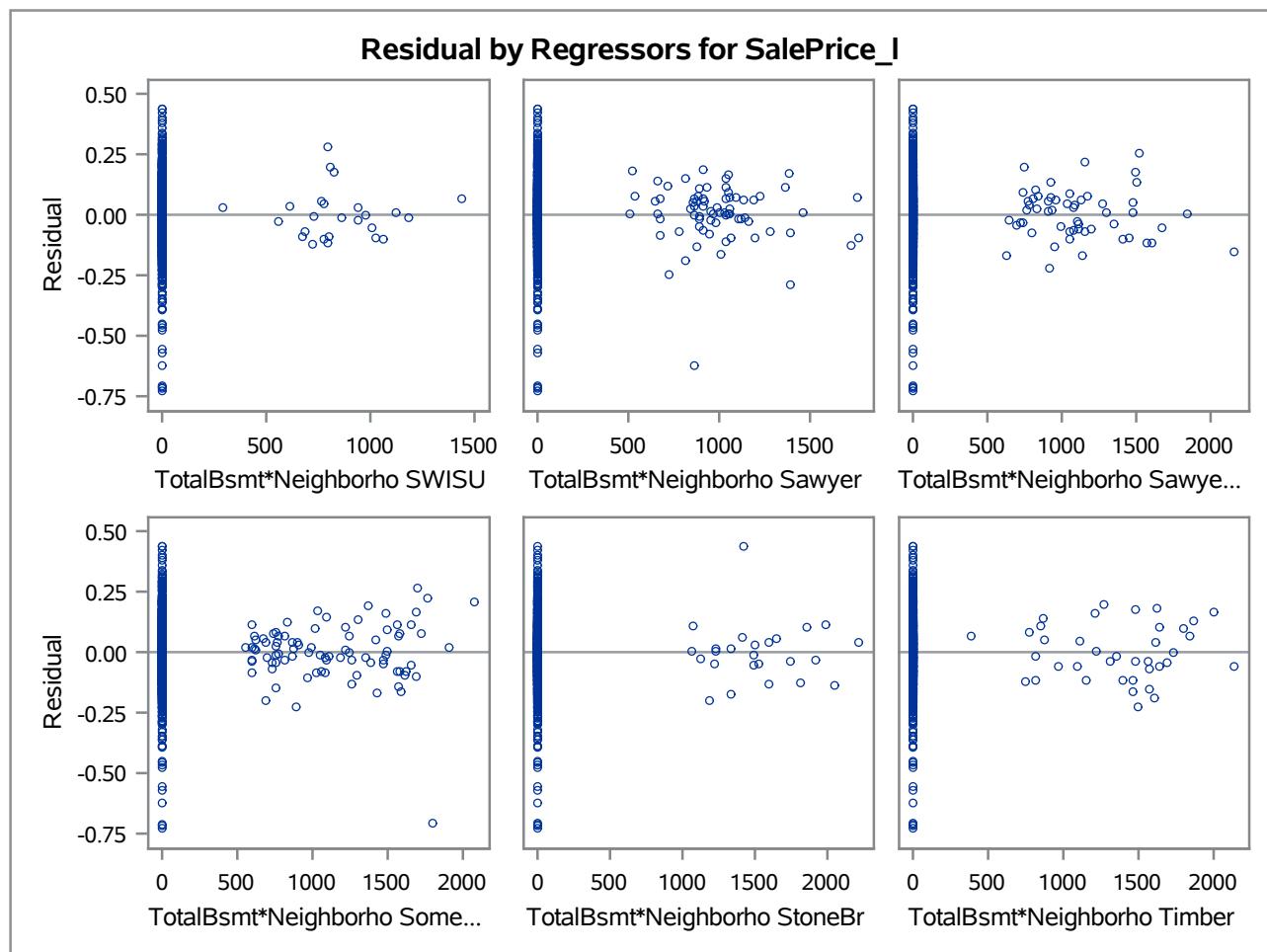
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

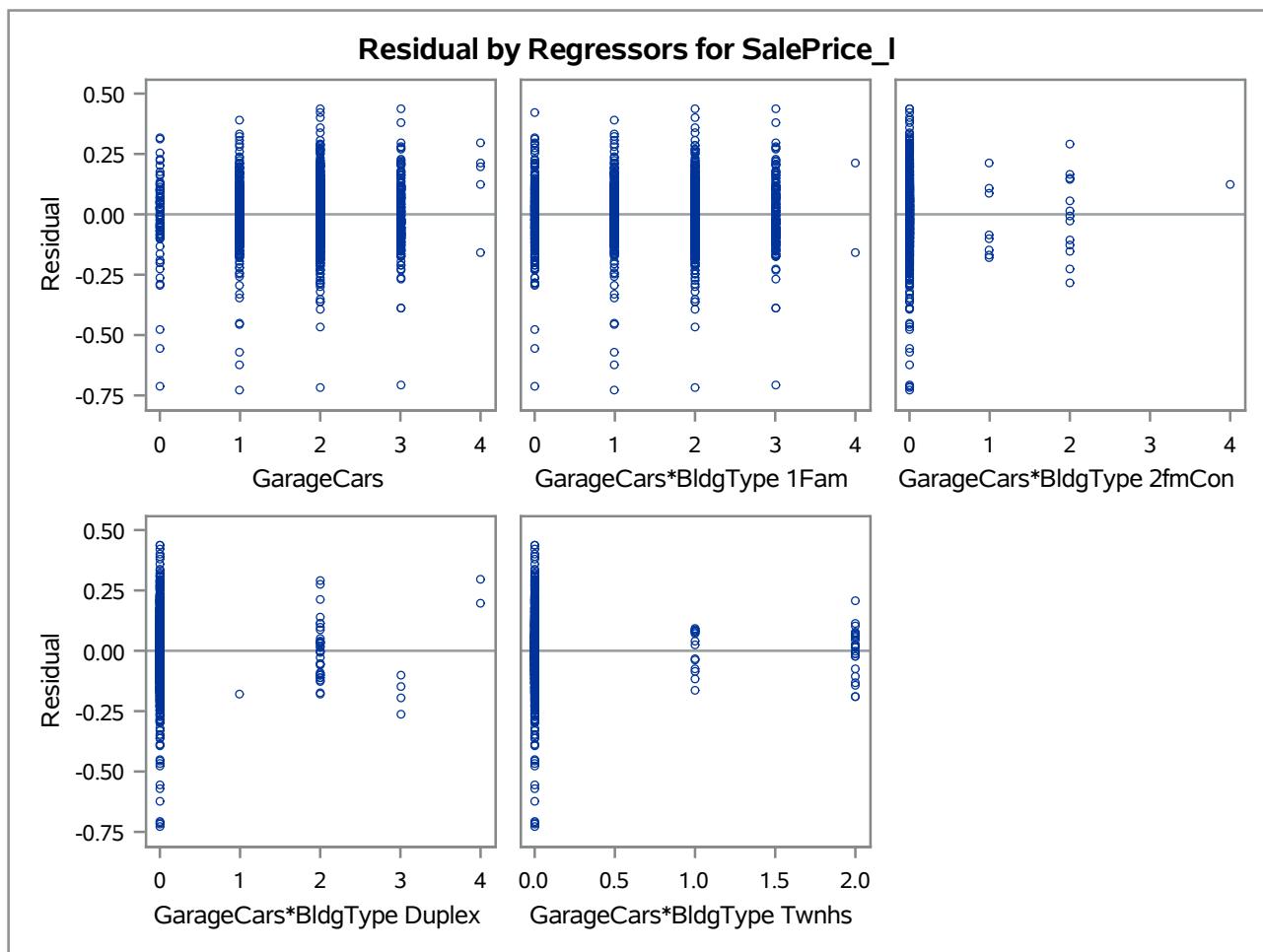
Dependent Variable: SalePrice_I



The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



Forward Selection Multiple Linear Regression

The GLMSELECT Procedure

Data Set	WORK.TRAIN_6
Dependent Variable	SalePrice_I
Selection Method	Forward
Select Criterion	Significance Level
Stop Criterion	Significance Level
Choose Criterion	Cross Validation
Entry Significance Level (SLE)	0.5
Cross Validation Method	Split
Cross Validation Fold	5
Effect Hierarchy Enforced	Single

Number of Observations Read	2919
Number of Observations Used	1452

Class Level Information		
Class	Levels	Values
Neighborhood	25	Blmngtn Blueste BrDale BrkSide ClearCr CollgCr Crawfor Edwards Gilbert IDOTRR MeadowV Mitchel NAmes NPkVill NWAmes NoRidge NridgHt OldTown SWISU Sawyer SawyerW Somerst StoneBr Timber Veenker
LotConfig	5	Corner CulDSac FR2 FR3 Inside
BldgType	5	1Fam 2fmCon Duplex Twnhs TwnhsE
HouseStyle	8	1.5Fin 1.5Unf 1Story 2.5Fin 2.5Unf 2Story SFoyer SLv

Dimensions	
Number of Effects	92
Number of Parameters	868

Forward Selection Multiple Linear Regression

The GLMSELECT Procedure

Forward Selection Summary								
Step	Effect Entered	Number Effects In	NumberParms In	Model R-Square	PRESS	CV PRESS	F Value	Pr > F
0	Intercept	1	1	0.0000	231.7413	231.7520	0.00	1.0000
1	GrLlvArea_I	2	2	0.5338	108.2539	108.0105	1660.27	<.0001
2	Neighborhood	3	26	0.7691	55.4285	56.1978	60.55	<.0001
3	TotalBsmtSF	4	27	0.7979	49.3556	49.2449	202.80	<.0001
4	OverallCond	5	28	0.8276	42.3832	42.1230	245.93	<.0001
5	YearBuilt	6	29	0.8483	37.5836	37.3059	194.04	<.0001
6	TotalBsmt*Neighborhood	7	53	0.8722	33.2295	33.3322	10.89	<.0001
7	GarageCars	8	54	0.8804	31.0635	31.0660	95.67	<.0001
8	Fireplaces	9	55	0.8868	29.5969	29.5283	79.61	<.0001
9	GrLlvArea*Neighborhood	10	78	0.8952	28.2142	34.1368	4.77	<.0001
10	OverallCon*YearBuilt	11	79	0.8981	27.4530	31.5067	38.59	<.0001
11	GrLlvArea*TotalBsmtS	12	80	0.9000	26.6058	31.0348	25.73	<.0001
12	BldgType	13	84	0.9023	26.2843	30.2464	8.37	<.0001
13	LotArea	14	85	0.9039	25.8847	29.3282	22.46	<.0001
14	GarageCars*BldgType	15	89	0.9060	25.3880	28.7421*	7.59	<.0001
15	LotArea*Neighborhood	16	112	0.9100	25.7919	28.9073	2.56	<.0001
16	HouseStyle	17	119	0.9120	25.5252	31.2672	4.38	<.0001
17	YearBuilt*Neighborhood	18	142	0.9157	25.0441	31.0729	2.52	<.0001
18	GrLlvArea_*YearBuilt	19	143	0.9164	24.9660	31.1506	10.32	0.0013
19	GrLlvArea*Fireplaces	20	144	0.9172	24.8000	30.6680	12.44	0.0004
20	GarageCar*Neighborhood	21	166	0.9200	25.1452	61.8519	2.07	0.0026
21	LotArea*TotalBsmtSF	22	167	0.9205	25.4694	61.2901	8.41	0.0038
22	LotArea*HouseStyle	23	174	0.9222	24.4300	60.9060	3.92	0.0003
23	GarageCar*HouseStyle	24	181	0.9234	24.1842*	59.7452	2.89	0.0053
24	OverallCo*Neighborhood	25	202	0.9261	24.6699	746.6091	2.16	0.0018
25	YearBuilt*GarageCars	26	203	0.9264	24.6288	747.9438	5.49	0.0193
26	LotConfig	27	207	0.9271	24.4811	956.7253	2.95	0.0192
27	GrLlvArea_I*BldgType	28	211	0.9278	24.7399	970.8698	2.87	0.0222
28	TotalBsmtSF*BldgType	29	215	0.9284	24.6030	950.0851	2.55	0.0378
29	BldgType*HouseStyle	30	231	0.9301	24.9170	1072.9385	1.91	0.0161
30	LotArea*Fireplaces	31	232	0.9303	24.9439	992.0017	3.47	0.0626
31	OverallCond*BldgType	32	236	0.9308	26.6017	979.6933	1.93	0.1024
32	OverallCo*TotalBsmtS	33	237	0.9309	26.7226	959.0659	2.11	0.1466

Forward Selection Multiple Linear Regression

The GLMSELECT Procedure

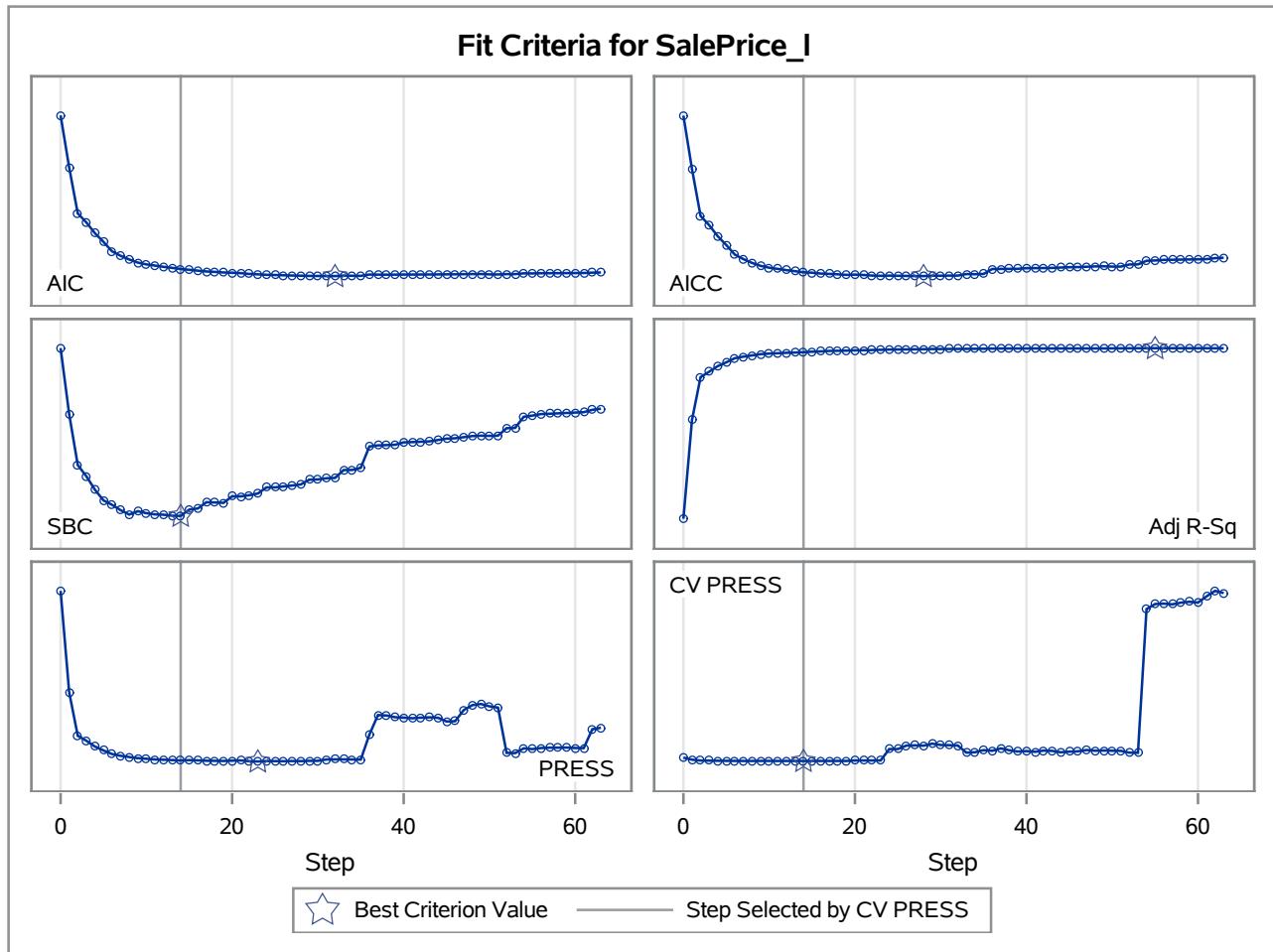
Forward Selection Summary								
Step	Effect Entered	Number Effects In	NumberParms In	Model R-Square	PRESS	CV PRESS	F Value	Pr > F
33	Fireplace*Neighborho	34	260	0.9325	26.7618	529.9964	1.29	0.1657
34	Fireplace*GarageCars	35	261	0.9328	26.6088	554.4545	4.95	0.0262
35	Fireplace*HouseStyle	36	268	0.9335	26.5156	682.7245	1.77	0.0904
36	Neighborh*HouseStyle	37	330	0.9378	56.7574	642.9695	1.25	0.0996
37	Fireplaces*LotConfig	38	334	0.9382	80.6519	788.0063	2.01	0.0912
38	LotArea*YearBuilt	39	335	0.9383	80.0854	674.5813	1.89	0.1700
39	YearBuilt*Fireplaces	40	336	0.9384	77.9875	598.6233	1.28	0.2589
40	GrLlvArea*HouseStyle	41	343	0.9389	77.4700	625.2212	1.26	0.2665
41	GrLlvArea_I*LotArea	42	344	0.9390	76.7582	581.9640	1.86	0.1733
42	YearBuilt*TotalBsmtS	43	345	0.9391	77.4393	652.8053	1.04	0.3092
43	TotalBsmt*GarageCars	44	346	0.9391	77.8822	635.2744	0.88	0.3477
44	YearBuilt*LotConfig	45	350	0.9394	77.3640	552.3853	1.18	0.3189
45	GarageCars*LotConfig	46	354	0.9397	72.8272	591.4330	1.26	0.2831
46	LotArea*GarageCars	47	355	0.9397	73.1256	610.0004	0.94	0.3322
47	TotalBsmtS*LotConfig	48	358	0.9399	86.6588	689.2435	0.93	0.4271
48	OverallCon*LotConfig	49	361	0.9400	92.6962	647.1127	0.81	0.4868
49	MasVnrArea	50	362	0.9400	94.1366	658.6523	0.49	0.4821
50	YearBuilt*MasVnrArea	51	363	0.9404	91.2537	644.8034	7.71	0.0056
51	MasVnrAre*TotalBsmtS	52	364	0.9406	89.6787	639.4719	2.84	0.0923
52	MasVnrAre*Neighborho	53	386	0.9421	34.6088	530.5531	1.23	0.2122
53	GrLlvArea*MasVnrArea	54	387	0.9421	34.3677	521.2356	1.33	0.2487
54	Neighborhoo*BldgType	55	419	0.9440	40.1530	9175.1542	1.09	0.3389
55	Fireplaces*BldgType	56	423	0.9444	39.2096	9475.9456	1.79	0.1281
56	YearBuilt*BldgType	57	427	0.9445	40.5388	9503.1065	0.56	0.6923
57	TotalBsmt*Fireplaces	58	428	0.9446	40.9946	9460.9575	1.15	0.2834
58	LotArea*MasVnrArea	59	429	0.9446	40.9726	9560.7446	0.63	0.4266
59	LotArea*OverallCond	60	430	0.9447	41.1379	9615.0963	0.54	0.4628
60	OverallCo*Fireplaces	61	431	0.9447	40.5831	9563.9242	0.60	0.4386
61	MasVnrAre*GarageCars	62	432	0.9447	40.4896	9939.8672	0.62	0.4296
62	YearBuilt*HouseStyle	63	438	0.9449	63.4537	10271.4162	0.49	0.8153
63	LotArea*LotConfig	64	441	0.9450	65.2297	10138.3997	0.84	0.4728
* Optimal Value of Criterion								

Selection stopped as the candidate for entry has SLE > 0.5.

Forward Selection Multiple Linear Regression

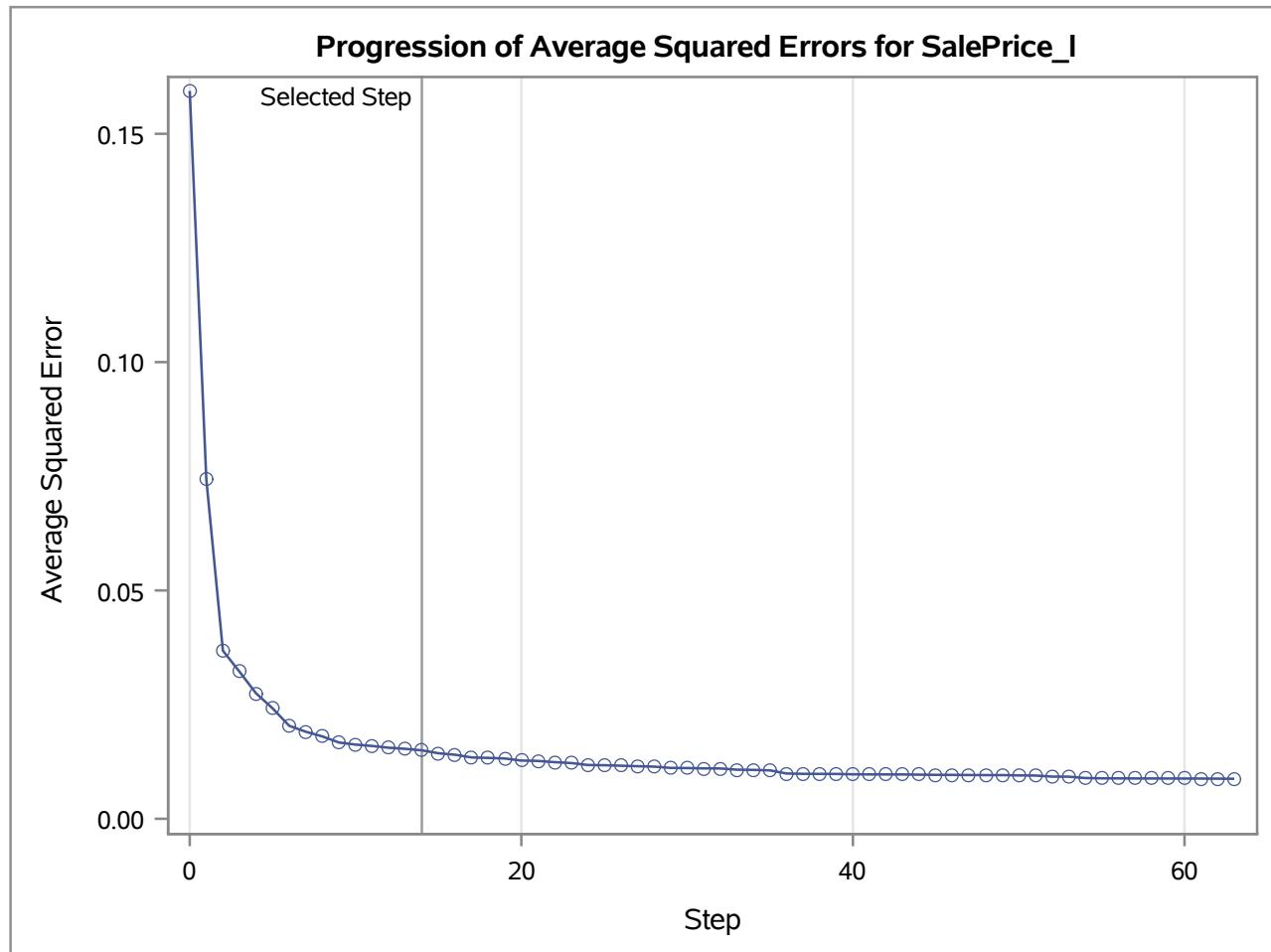
The GLMSELECT Procedure

Stop Details				
Candidate For	Effect	Candidate Significance	Compare Significance	
Entry	OverallCo*MasVnrArea	0.6351	> 0.5000	(SLE)



Forward Selection Multiple Linear Regression

The GLMSELECT Procedure



Forward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

The selected model, based on Cross Validation, is the model at Step 14.

Effects:	Intercept GrLlvArea_I LotArea OverallCond YearBuilt OverallCon*YearBuilt TotalBsmtSF GrLlvArea*TotalBsmtS Fireplaces BldgType Neighborhood GrLlvArea*Neighborho TotalBsmt*Neighborho GarageCars GarageCars*BldgType
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Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	88	209.67194	2.38264	149.31
Error	1363	21.75026	0.01596	
Corrected Total	1451	231.42221		

Root MSE	0.12632
Dependent Mean	12.02239
R-Square	0.9060
Adj R-Sq	0.8999
AIC	-4467.95562
AICC	-4455.92035
PRESS	25.38801
SBC	-5451.97357
CV PRESS	28.74212

Cross Validation Details			
Index	Observations		CV PRESS
	Fitted	Left Out	
1	1161	291	6.2573
2	1161	291	8.6521
3	1162	290	4.2703
4	1162	290	4.4423
5	1162	290	5.1202
Total			28.7421

Forward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
Intercept	1	-13.507418	2.086611	-6.47	-1.93E+01	1.81E+01	-2.09E+01	-2.82E-01	-5.81E+01
GrLvlArea_I	1	1.020426	0.206285	4.95	2.92E+00	-5.93E+00	5.66E+00	4.50E+00	-5.03E+00
LotArea	1	0.000002049	0.000000412	4.97	4.98E-04	3.46E-04	2.15E-04	1.39E-04	3.54E-04
OverallCond	1	1.609304	0.238156	6.76	8.60E-01	-4.59E-01	-5.83E-01	3.56E-02	6.78E-01
YearBuilt	1	0.008671	0.000741	11.71	1.52E-02	1.60E-02	-4.94E-03	-3.59E-02	2.51E-02
OverallCon*YearBuilt	1	-0.000790	0.000122	-6.46	-3.53E-04	3.39E-04	2.77E-04	2.13E-05	-7.05E-05
TotalBsmtSF	1	0.001418	0.000209	6.80	1.16E-03	2.28E-03	-7.12E-03	-8.35E-03	1.38E-03
GrLvlArea*TotalBsmtS	1	-0.000123	0.000023061	-5.32	-2.19E-05	9.24E-05	9.56E-05	3.83E-05	2.93E-05
Fireplaces	1	0.056105	0.006647	8.44	9.88E-01	6.75E-01	6.12E-01	1.29E+00	-1.21E+00
BldgType	1Fam	-0.028845	0.075742	-0.38	-1.31E+01	-2.02E+01	-2.99E+00	-2.70E+01	-1.77E+01
BldgType	2fmCon	0.056265	0.084647	0.66	-2.59E+01	-2.43E+01	1.10E+01	-2.77E+01	-8.35E+00
BldgType	Duplex	0.009158	0.082337	0.11	-1.98E+01	-1.94E+01	-8.56E+00	-4.06E+01	-2.32E+01
BldgType	Twnhs	-0.007725	0.078766	-0.10	3.83E+01	6.03E+00	4.23E+01	6.28E+00	-1.32E+02
Neighborhood	Blmngtn	3.699416	3.909164	0.95	1.34E+02	1.28E+02	1.93E+02	1.86E+02	2.51E+02
Neighborhood	Blueste	0.117600	0.798538	0.15	2.99E+00	3.01E+00	0.00E+00	7.28E+00	1.64E+00
Neighborhood	BrDale	5.357938	4.923850	1.09	-1.24E+02	-4.00E+01	-6.27E+01	-1.21E+01	-2.97E+02
Neighborhood	BrkSide	3.427576	1.557703	2.20	1.80E+01	1.61E+01	4.43E+01	8.07E+01	1.25E+02
Neighborhood	ClearCr	4.057440	1.656823	2.45	1.89E+01	7.32E+00	4.82E+01	9.75E+01	1.36E+02
Neighborhood	CollgCr	3.156419	1.527466	2.07	8.13E+00	-6.44E-01	3.47E+01	8.01E+01	1.22E+02
Neighborhood	Crawfor	3.516686	1.567941	2.24	1.11E+01	9.62E+00	3.67E+01	7.94E+01	1.26E+02
Neighborhood	Edwards	4.541045	1.537118	2.95	8.07E+00	1.40E+00	3.14E+01	7.91E+01	1.19E+02
Neighborhood	Gilbert	4.116052	1.616431	2.55	9.17E+00	2.24E+00	3.46E+01	8.24E+01	1.20E+02
Neighborhood	IDOTRR	1.353990	1.605196	0.84	3.94E+00	-2.01E+00	2.95E+01	7.30E+01	1.09E+02
Neighborhood	MeadowV	4.626581	1.632334	2.83	5.01E+01	1.35E+03	6.13E+01	1.12E+02	1.26E+01
Neighborhood	Mitchel	4.008169	1.576729	2.54	1.20E+01	1.50E+01	4.30E+01	9.43E+01	1.32E+02
Neighborhood	NAmes	4.328441	1.521998	2.84	1.54E+01	8.78E+00	3.82E+01	8.64E+01	1.28E+02
Neighborhood	NPkVill	7.453181	4.561151	1.63	3.65E+02	5.97E+00	8.59E+02	-2.52E+02	2.36E+02
Neighborhood	NWAmes	3.194574	1.580349	2.02	7.17E+00	-1.49E+00	3.01E+01	7.78E+01	1.24E+02
Neighborhood	NoRidge	0.743227	1.731258	0.43	5.85E+00	5.99E+00	3.53E+01	7.77E+01	1.19E+02
Neighborhood	NridgHt	0.995781	1.600213	0.62	-4.45E+01	-4.27E+01	-1.76E+01	3.09E+01	6.04E+01
Neighborhood	OldTown	3.086830	1.526373	2.02	1.02E+01	4.74E+00	3.65E+01	8.17E+01	1.23E+02
Neighborhood	SWISU	3.641530	1.590893	2.29	-1.18E+01	-2.17E+01	1.79E+01	7.87E+01	1.19E+02
Neighborhood	Sawyer	4.916639	1.560593	3.15	8.78E+00	1.45E+00	3.38E+01	7.97E+01	1.17E+02

Forward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter Estimates										
Parameter		DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
						1	2	3	4	5
Neighborhood	SawyerW	1	3.047117	1.554341	1.96	1.81E+01	9.70E-01	3.07E+01	8.00E+01	1.23E+02
Neighborhood	Somerst	1	2.383812	1.623027	1.47	-8.55E+00	-2.20E+01	9.46E+00	5.56E+01	1.11E+02
Neighborhood	StoneBr	1	2.042359	1.661969	1.23	1.23E+00	-3.11E+01	3.53E+01	4.20E+01	9.62E+01
Neighborhood	Timber	1	2.516343	1.672218	1.50	-9.18E+00	-2.31E+01	1.71E+01	6.03E+01	1.10E+02
GrLlvArea*Neighborho Blmngtn		1	-0.545684	0.638845	-0.85	-3.80E-01	5.90E+00	-7.14E+00	-1.09E+01	-2.29E+00
GrLlvArea*Neighborho Blueste		0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GrLlvArea*Neighborho BrDale		1	-0.724715	0.767116	-0.94	-9.06E-01	5.89E+00	-7.66E+00	-1.30E+01	-4.38E+00
GrLlvArea*Neighborho BrkSide		1	-0.430948	0.213334	-2.02	-9.58E-01	6.02E+00	-6.93E+00	-1.19E+01	-2.50E+00
GrLlvArea*Neighborho ClearCr		1	-0.499921	0.224544	-2.23	-5.41E-01	5.85E+00	-7.38E+00	-1.27E+01	-3.04E+00
GrLlvArea*Neighborho CollgCr		1	-0.378472	0.207768	-1.82	-4.95E-01	6.25E+00	-6.95E+00	-1.18E+01	-2.58E+00
GrLlvArea*Neighborho Crawfor		1	-0.409969	0.213058	-1.92	-8.39E-01	5.96E+00	-6.90E+00	-1.19E+01	-2.47E+00
GrLlvArea*Neighborho Edwards		1	-0.568763	0.209299	-2.72	-1.05E+00	6.12E+00	-6.97E+00	-1.19E+01	-2.39E+00
GrLlvArea*Neighborho Gilbert		1	-0.523964	0.219431	-2.39	-8.25E-01	6.04E+00	-7.15E+00	-1.23E+01	-2.75E+00
GrLlvArea*Neighborho IDOTRR		1	-0.185222	0.219635	-0.84	-8.42E-01	6.08E+00	-7.16E+00	-1.13E+01	-2.11E+00
GrLlvArea*Neighborho MeadowV		1	-0.628567	0.223031	-2.82	-3.88E-01	-1.42E+01	-9.12E+00	-1.16E+01	1.62E+02
GrLlvArea*Neighborho Mitchel		1	-0.510971	0.215441	-2.37	-1.06E+00	5.98E+00	-7.05E+00	-1.22E+01	-2.65E+00
GrLlvArea*Neighborho NAmes		1	-0.540007	0.206980	-2.61	-9.53E-01	6.02E+00	-7.04E+00	-1.20E+01	-2.62E+00
GrLlvArea*Neighborho NPkVill		1	-0.887983	0.541746	-1.64	3.11E+00	4.83E+00	7.62E+00	4.80E+00	-1.27E+01
GrLlvArea*Neighborho NWAmes		1	-0.385819	0.214295	-1.80	-9.11E-01	5.99E+00	-7.14E+00	-1.21E+01	-2.68E+00
GrLlvArea*Neighborho NoRidge		1	-0.077754	0.234154	-0.33	-8.31E-01	5.73E+00	-7.20E+00	-1.24E+01	-2.62E+00
GrLlvArea*Neighborho NridgHt		1	-0.090446	0.216758	-0.42	-4.19E-01	6.35E+00	-6.68E+00	-1.15E+01	-1.96E+00
GrLlvArea*Neighborho OldTown		1	-0.384636	0.207680	-1.85	-7.61E-01	6.21E+00	-6.88E+00	-1.17E+01	-2.47E+00
GrLlvArea*Neighborho SWISU		1	-0.423098	0.218062	-1.94	-7.98E-01	6.50E+00	-6.63E+00	-1.18E+01	-2.43E+00
GrLlvArea*Neighborho Sawyer		1	-0.633528	0.212937	-2.98	-1.04E+00	5.80E+00	-7.18E+00	-1.22E+01	-2.63E+00
GrLlvArea*Neighborho SawyerW		1	-0.372709	0.211181	-1.76	-5.46E-01	6.22E+00	-6.96E+00	-1.18E+01	-2.47E+00
GrLlvArea*Neighborho Somerst		1	-0.271912	0.220677	-1.23	-5.49E-01	6.11E+00	-6.91E+00	-1.23E+01	-2.72E+00
GrLlvArea*Neighborho StoneBr		1	-0.255220	0.226486	-1.13	-6.39E-01	5.64E+00	-6.85E+00	-1.21E+01	-2.23E+00
GrLlvArea*Neighborho Timber		1	-0.302393	0.227316	-1.33	-6.48E-01	6.36E+00	-6.94E+00	-1.19E+01	-2.50E+00
TotalBsmt*Neighborho Blmngtn		1	0.000090360	0.000738	0.12	8.59E-04	-3.21E-03	5.38E-03	7.63E-03	-2.73E-05
TotalBsmt*Neighborho Blueste		1	-0.000117	0.001217	-0.10	-4.78E-03	3.95E-04	0.00E+00	-1.18E-02	-8.07E-04
TotalBsmt*Neighborho BrDale		1	-0.000210	0.000950	-0.22	6.07E-04	-3.43E-03	6.11E-03	1.02E-02	-1.29E-03
TotalBsmt*Neighborho BrkSide		1	-0.000222	0.000144	-1.54	2.47E-04	-4.09E-03	4.84E-03	8.34E-03	-6.43E-04
TotalBsmt*Neighborho ClearCr		1	-0.000340	0.000136	-2.50	5.34E-04	-3.97E-03	5.04E-03	8.56E-03	-4.17E-04

Forward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
					1	2	3	4	5	1	2	3	4	5
TotalBsmt*Neighborho CollgCr	1	-0.000350	0.000124	-2.83	2.52E-05	-4.29E-03	4.63E-03	8.05E-03	-8.07E-04					
TotalBsmt*Neighborho Crawfor	1	-0.000366	0.000130	-2.81	9.95E-06	-4.25E-03	4.54E-03	8.01E-03	-8.59E-04					
TotalBsmt*Neighborho Edwards	1	-0.000481	0.000122	-3.95	3.63E-05	-4.24E-03	4.59E-03	8.03E-03	-8.19E-04					
TotalBsmt*Neighborho Gilbert	1	-0.000288	0.000128	-2.24	1.48E-04	-4.18E-03	4.64E-03	8.20E-03	-7.90E-04					
TotalBsmt*Neighborho IDOTRR	1	0.000075511	0.000157	0.48	8.31E-04	-3.22E-03	5.53E-03	9.04E-03	-5.80E-04					
TotalBsmt*Neighborho MeadowV	1	-0.000261	0.000199	-1.31	-3.54E-04	1.85E-03	4.67E-03	7.68E-03	-8.34E-02					
TotalBsmt*Neighborho Mitchel	1	-0.000303	0.000130	-2.34	2.82E-04	-4.00E-03	4.77E-03	8.32E-03	-6.52E-04					
TotalBsmt*Neighborho NAmes	1	-0.000399	0.000121	-3.29	5.42E-05	-4.15E-03	4.63E-03	8.17E-03	-7.94E-04					
TotalBsmt*Neighborho NPkVill	1	-0.001154	0.000879	-1.31	-6.43E-04	-2.07E-02	3.81E-03	9.76E-03	-1.57E-03					
TotalBsmt*Neighborho NWAmes	1	-0.000410	0.000125	-3.28	1.38E-04	-4.19E-03	4.68E-03	8.05E-03	-7.53E-04					
TotalBsmt*Neighborho NoRidge	1	-0.000223	0.000129	-1.73	4.93E-04	-3.95E-03	4.83E-03	8.37E-03	-6.36E-04					
TotalBsmt*Neighborho NridgHt	1	-0.000266	0.000124	-2.15	2.11E-04	-4.00E-03	4.69E-03	8.16E-03	-6.93E-04					
TotalBsmt*Neighborho OldTown	1	-0.000316	0.000129	-2.46	-2.40E-05	-4.27E-03	4.60E-03	8.08E-03	-8.47E-04					
TotalBsmt*Neighborho SWISU	1	-0.000566	0.000180	-3.15	-3.57E-04	-4.87E-03	4.17E-03	7.84E-03	-1.50E-03					
TotalBsmt*Neighborho Sawyer	1	-0.000362	0.000129	-2.80	1.70E-04	-4.08E-03	4.79E-03	8.29E-03	-6.79E-04					
TotalBsmt*Neighborho SawyerW	1	-0.000317	0.000125	-2.53	1.22E-04	-4.23E-03	4.64E-03	8.08E-03	-7.66E-04					
TotalBsmt*Neighborho Somerst	1	-0.000314	0.000125	-2.51	2.51E-04	-3.85E-03	4.72E-03	8.47E-03	-5.53E-04					
TotalBsmt*Neighborho StoneBr	1	-0.000095326	0.000148	-0.65	5.28E-04	-3.63E-03	4.98E-03	8.45E-03	-7.60E-04					
TotalBsmt*Neighborho Timber	1	-0.000287	0.000130	-2.21	1.68E-04	-4.14E-03	4.74E-03	8.20E-03	-6.26E-04					
GarageCars	1	0.059095	0.037541	1.57	-4.70E+00	-2.26E+00	-2.84E+00	-2.70E+00	-3.46E+00					
GarageCars*BldgType_1Fam	1	0.016192	0.037943	0.43	-1.80E-01	-1.69E-01	-7.52E-02	-1.38E-01	-1.64E-01					
GarageCars*BldgType_2fmCon	1	-0.069491	0.044962	-1.55	-7.05E-01	-3.30E-01	-3.67E-01	-4.71E-01	-3.15E-01					
GarageCars*BldgType_Duplex	1	-0.069001	0.041550	-1.66	-1.55E-01	-1.07E-01	-9.15E-02	-8.35E-02	-1.27E-01					
GarageCars*BldgType_Twnhs	1	-0.041405	0.043849	-0.94	-1.26E-01	-9.33E-01	-5.85E-02	4.15E-01	-4.08E+00					

Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Number of Observations Read	2919
Number of Observations Used	1460
Number of Observations with Missing Values	1459

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	88	210.92357	2.39686	150.21	<.0001
Error	1371	21.87709	0.01596		
Corrected Total	1459	232.80066			

Root MSE	0.12632	R-Square	0.9060
Dependent Mean	12.02405	Adj R-Sq	0.9000
Coeff Var	1.05057		

Note: Model is not full rank. Least-squares solutions for the parameters are not unique. Some statistics will be misleading. A reported DF of 0 or B means that the estimate is biased.

Note: The following parameters have been set to 0, since the variables are a linear combination of other variables as shown.

TotalBsmt*Neighborho Blueste =	-4112.93 * Neighborhood Blueste - 76E-11 * Neighborhood NAmes + 657.009 * GrLlvArea*Neighborho Blueste
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Forward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	-13.54266	2.08509	-6.49	<.0001
GrLlvArea_I	GrLlvArea_I	1	1.02422	0.20627	4.97	<.0001
LotArea	LotArea	1	0.00000203	4.116824E-7	4.92	<.0001
OverallCond	OverallCond	1	1.60354	0.23775	6.74	<.0001
YearBuilt	YearBuilt	1	0.00867	0.00073958	11.73	<.0001
OverallCon*YearBuilt	OverallCon*YearBuilt	1	-0.00078660	0.00012208	-6.44	<.0001
TotalBsmtSF	TotalBsmtSF	1	0.00143	0.00020831	6.88	<.0001
GrLlvArea*TotalBsmtS	GrLlvArea*TotalBsmtS	1	-0.00012482	0.00002302	-5.42	<.0001
Fireplaces	Fireplaces	1	0.05595	0.00663	8.44	<.0001
BldgType 1Fam	BldgType 1Fam	1	-0.02968	0.07566	-0.39	0.6949
BldgType 2fmCon	BldgType 2fmCon	1	0.05612	0.08458	0.66	0.5071
BldgType Duplex	BldgType Duplex	1	0.00900	0.08227	0.11	0.9129
BldgType Twnhs	BldgType Twnhs	1	-0.00707	0.07875	-0.09	0.9285
Neighborhood Blmgtn	Neighborhood Blmgtn	1	3.72987	3.90903	0.95	0.3402
Neighborhood Blueste	Neighborhood Blueste	B	0.59387	5.79430	0.10	0.9184
Neighborhood BrDale	Neighborhood BrDale	1	5.39298	4.92371	1.10	0.2736
Neighborhood BrkSide	Neighborhood BrkSide	1	3.45048	1.55761	2.22	0.0269
Neighborhood ClearCr	Neighborhood ClearCr	1	4.06015	1.65678	2.45	0.0144
Neighborhood CollgCr	Neighborhood CollgCr	1	3.16443	1.52718	2.07	0.0384
Neighborhood Crawfor	Neighborhood Crawfor	1	3.61440	1.56676	2.31	0.0212
Neighborhood Edwards	Neighborhood Edwards	1	4.55794	1.53706	2.97	0.0031
Neighborhood Gilbert	Neighborhood Gilbert	1	4.13545	1.61491	2.56	0.0105
Neighborhood IDOTRR	Neighborhood IDOTRR	1	1.37146	1.60512	0.85	0.3930
Neighborhood MeadowV	Neighborhood MeadowV	1	4.64407	1.63226	2.85	0.0045
Neighborhood Mitchel	Neighborhood Mitchel	1	4.01733	1.57669	2.55	0.0109
Neighborhood NAmes	Neighborhood NAmes	B	4.33962	1.52195	2.85	0.0044
Neighborhood NPkVill	Neighborhood NPkVill	1	7.45079	4.56098	1.63	0.1026
Neighborhood NWAmes	Neighborhood NWAmes	1	3.20863	1.58029	2.03	0.0425
Neighborhood NoRidge	Neighborhood NoRidge	1	0.74296	1.73122	0.43	0.6679
Neighborhood NridgHt	Neighborhood NridgHt	1	0.94202	1.59994	0.59	0.5561
Neighborhood OldTown	Neighborhood OldTown	1	3.09973	1.52633	2.03	0.0425
Neighborhood SWISU	Neighborhood SWISU	1	3.66340	1.59080	2.30	0.0214
Neighborhood Sawyer	Neighborhood Sawyer	1	4.92872	1.56055	3.16	0.0016

Forward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighborhood_SawyerW	Neighborhood SawyerW	1	3.08389	1.55365	1.98	0.0474
Neighborhood_Somerst	Neighborhood Somerst	1	2.36358	1.61975	1.46	0.1447
Neighborhood_StoneBr	Neighborhood StoneBr	1	2.02721	1.66183	1.22	0.2227
Neighborhood_Timber	Neighborhood Timber	1	2.52324	1.67218	1.51	0.1315
GrLlvArea*Neighborhood_Blmngtn	GrLlvArea*Neighborhood Blmngtn	1	-0.55005	0.63882	-0.86	0.3894
GrLlvArea*Neighborhood_Blueste	GrLlvArea*Neighborhood Blueste	B	-0.07640	0.79948	-0.10	0.9239
GrLlvArea*Neighborhood_BrDale	GrLlvArea*Neighborhood BrDale	1	-0.72950	0.76710	-0.95	0.3418
GrLlvArea*Neighborhood_BrkSide	GrLlvArea*Neighborhood BrkSide	1	-0.43364	0.21332	-2.03	0.0423
GrLlvArea*Neighborhood_ClearCr	GrLlvArea*Neighborhood ClearCr	1	-0.50014	0.22454	-2.23	0.0261
GrLlvArea*Neighborhood_CollgCr	GrLlvArea*Neighborhood CollgCr	1	-0.37949	0.20772	-1.83	0.0679
GrLlvArea*Neighborhood_Crawfor	GrLlvArea*Neighborhood Crawfor	1	-0.41921	0.21298	-1.97	0.0492
GrLlvArea*Neighborhood_Edwards	GrLlvArea*Neighborhood Edwards	1	-0.57100	0.20929	-2.73	0.0064
GrLlvArea*Neighborhood_Gilbert	GrLlvArea*Neighborhood Gilbert	1	-0.52645	0.21921	-2.40	0.0165
GrLlvArea*Neighborhood_IDOTRR	GrLlvArea*Neighborhood IDOTRR	1	-0.18727	0.21963	-0.85	0.3940
GrLlvArea*Neighborhood_MeadowV	GrLlvArea*Neighborhood MeadowV	1	-0.63071	0.22302	-2.83	0.0048
GrLlvArea*Neighborhood_Mitchel	GrLlvArea*Neighborhood Mitchel	1	-0.51198	0.21544	-2.38	0.0176
GrLlvArea*Neighborhood_NAmes	GrLlvArea*Neighborhood NAmes	1	-0.54127	0.20697	-2.62	0.0090
GrLlvArea*Neighborhood_NPkVill	GrLlvArea*Neighborhood NPkVill	1	-0.88793	0.54172	-1.64	0.1014
GrLlvArea*Neighborhood_NWAmes	GrLlvArea*Neighborhood NWAmes	1	-0.38765	0.21429	-1.81	0.0707
GrLlvArea*Neighborhood_NoRidge	GrLlvArea*Neighborhood NoRidge	1	-0.07782	0.23415	-0.33	0.7397
GrLlvArea*Neighborhood_NridgHt	GrLlvArea*Neighborhood NridgHt	1	-0.08449	0.21673	-0.39	0.6967
GrLlvArea*Neighborhood_OldTown	GrLlvArea*Neighborhood OldTown	1	-0.38607	0.20767	-1.86	0.0632
GrLlvArea*Neighborhood_SWISU	GrLlvArea*Neighborhood SWISU	1	-0.42592	0.21805	-1.95	0.0510
GrLlvArea*Neighborhood_Sawyer	GrLlvArea*Neighborhood Sawyer	1	-0.63501	0.21293	-2.98	0.0029
GrLlvArea*Neighborhood_SawyerW	GrLlvArea*Neighborhood SawyerW	1	-0.37761	0.21109	-1.79	0.0739
GrLlvArea*Neighborhood_Somerst	GrLlvArea*Neighborhood Somerst	1	-0.26914	0.22018	-1.22	0.2218
GrLlvArea*Neighborhood_StoneBr	GrLlvArea*Neighborhood StoneBr	1	-0.25373	0.22647	-1.12	0.2628
GrLlvArea*Neighborhood_Timber	GrLlvArea*Neighborhood Timber	1	-0.30325	0.22731	-1.33	0.1824
TotalBsmt*Neighborhood_Blmngtn	TotalBsmt*Neighborhood Blmngtn	1	0.00008969	0.00073812	0.12	0.9033
TotalBsmt*Neighborhood_Blueste	TotalBsmt*Neighborhood Blueste	0	0	.	.	.
TotalBsmt*Neighborhood_BrDale	TotalBsmt*Neighborhood BrDale	1	-0.00021223	0.00095047	-0.22	0.8233
TotalBsmt*Neighborhood_BrkSide	TotalBsmt*Neighborhood BrkSide	1	-0.00022316	0.00014381	-1.55	0.1209
TotalBsmt*Neighborhood_ClearCr	TotalBsmt*Neighborhood ClearCr	1	-0.00033983	0.00013624	-2.49	0.0127

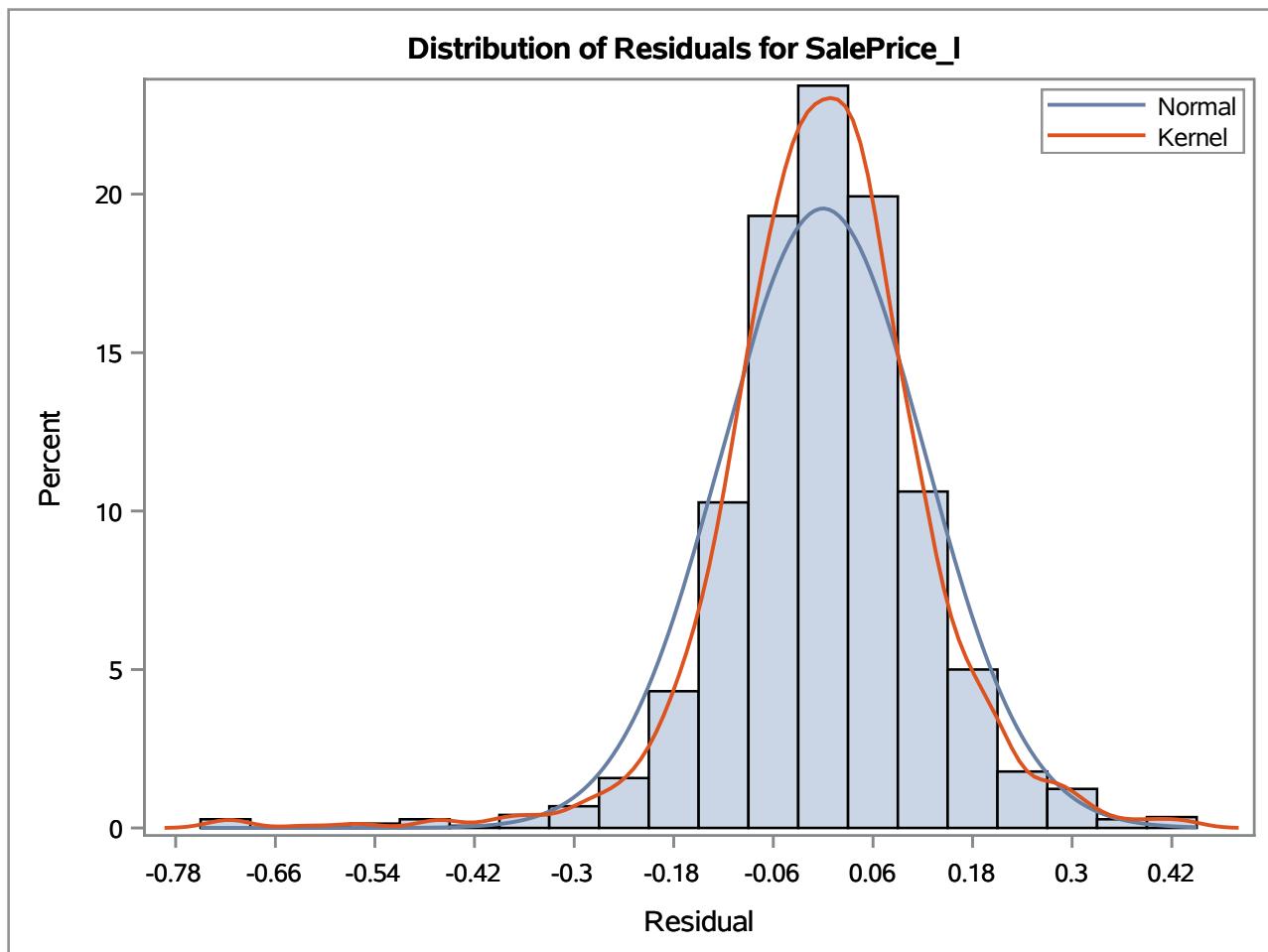
Forward Selection Multiple Linear Regression

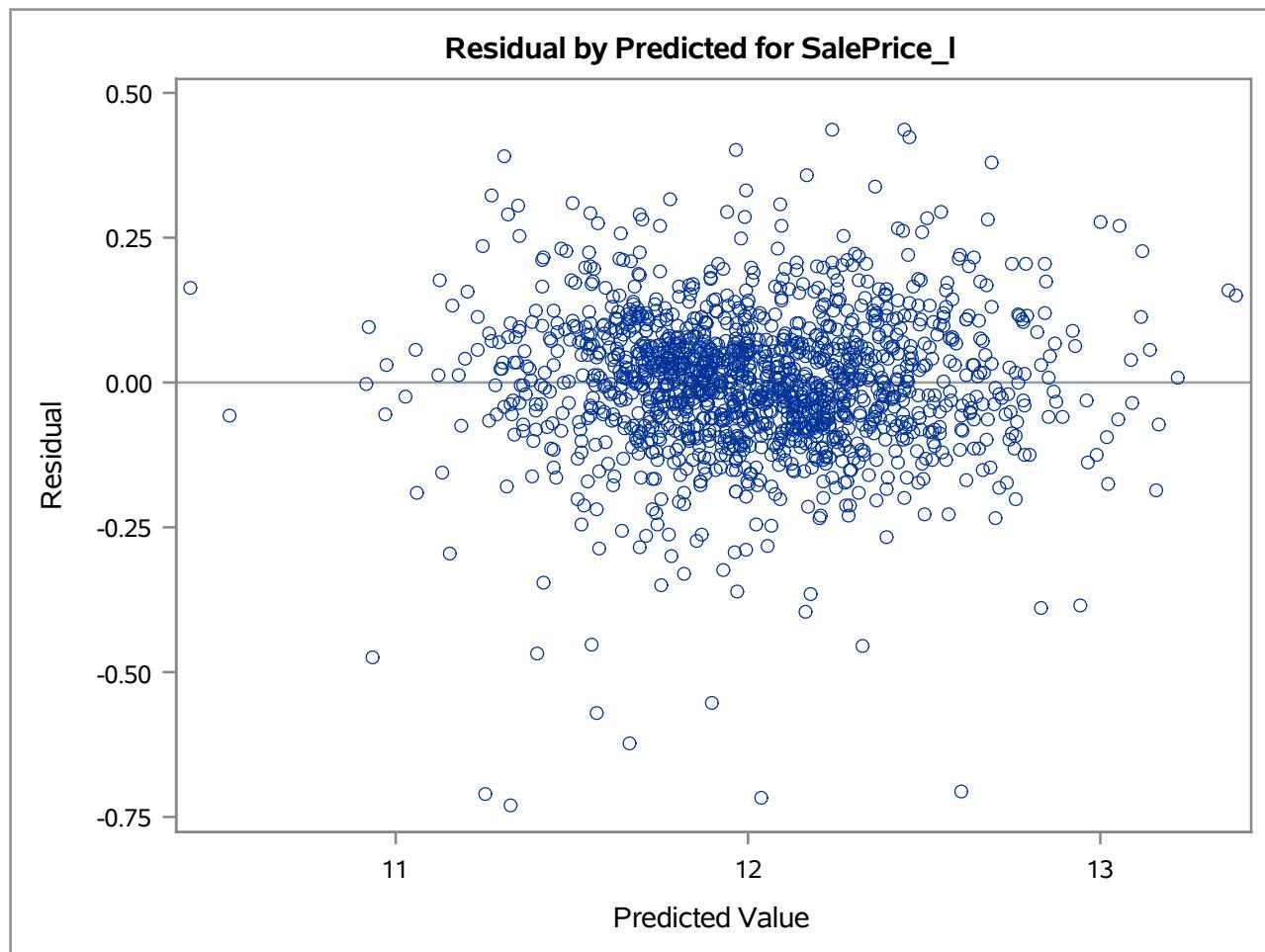
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

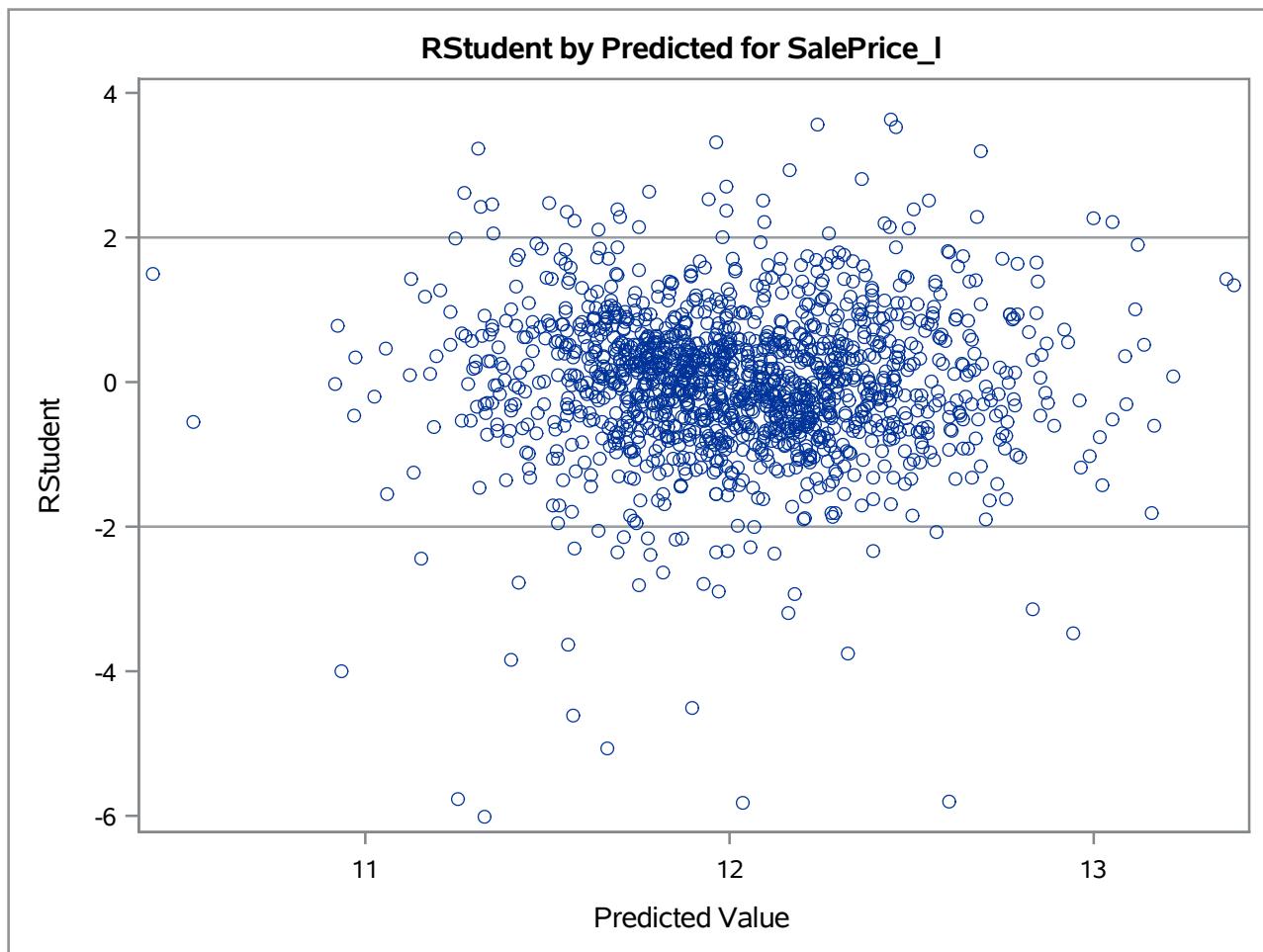
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
TotalBsmt*Neighborhood CollgCr	TotalBsmt*Neighborhood CollgCr	1	-0.00034967	0.00012373	-2.83	0.0048
TotalBsmt*Neighborhood Crawfor	TotalBsmt*Neighborhood Crawfor	1	-0.00039684	0.00012867	-3.08	0.0021
TotalBsmt*Neighborhood Edwards	TotalBsmt*Neighborhood Edwards	1	-0.00047940	0.00012165	-3.94	<.0001
TotalBsmt*Neighborhood Gilbert	TotalBsmt*Neighborhood Gilbert	1	-0.00028769	0.00012846	-2.24	0.0253
TotalBsmt*Neighborhood IDOTRR	TotalBsmt*Neighborhood IDOTRR	1	0.00007550	0.00015653	0.48	0.6296
TotalBsmt*Neighborhood MeadowV	TotalBsmt*Neighborhood MeadowV	1	-0.00026415	0.00019866	-1.33	0.1839
TotalBsmt*Neighborhood Mitchel	TotalBsmt*Neighborhood Mitchel	1	-0.00030382	0.00012971	-2.34	0.0193
TotalBsmt*Neighborhood NAmes	TotalBsmt*Neighborhood NAmes	1	-0.00039953	0.00012139	-3.29	0.0010
TotalBsmt*Neighborhood NPkVill	TotalBsmt*Neighborhood NPkVill	1	-0.00115	0.00087868	-1.31	0.1898
TotalBsmt*Neighborhood NWAmes	TotalBsmt*Neighborhood NWAmes	1	-0.00040931	0.00012506	-3.27	0.0011
TotalBsmt*Neighborhood NoRidge	TotalBsmt*Neighborhood NoRidge	1	-0.00022209	0.00012875	-1.73	0.0847
TotalBsmt*Neighborhood NridgHt	TotalBsmt*Neighborhood NridgHt	1	-0.00025843	0.00012367	-2.09	0.0368
TotalBsmt*Neighborhood OldTown	TotalBsmt*Neighborhood OldTown	1	-0.00031693	0.00012852	-2.47	0.0138
TotalBsmt*Neighborhood SWISU	TotalBsmt*Neighborhood SWISU	1	-0.00056469	0.00017964	-3.14	0.0017
TotalBsmt*Neighborhood Sawyer	TotalBsmt*Neighborhood Sawyer	1	-0.00036133	0.00012919	-2.80	0.0052
TotalBsmt*Neighborhood SawyerW	TotalBsmt*Neighborhood SawyerW	1	-0.00031568	0.00012543	-2.52	0.0120
TotalBsmt*Neighborhood Somerst	TotalBsmt*Neighborhood Somerst	1	-0.00031593	0.00012497	-2.53	0.0116
TotalBsmt*Neighborhood StoneBr	TotalBsmt*Neighborhood StoneBr	1	-0.00009301	0.00014771	-0.63	0.5290
TotalBsmt*Neighborhood Timber	TotalBsmt*Neighborhood Timber	1	-0.00028618	0.00012991	-2.20	0.0278
GarageCars	GarageCars	1	0.06034	0.03751	1.61	0.1080
GarageCars*BldgType 1Fam	GarageCars*BldgType 1Fam	1	0.01525	0.03792	0.40	0.6877
GarageCars*BldgType 2fmCon	GarageCars*BldgType 2fmCon	1	-0.07038	0.04494	-1.57	0.1175
GarageCars*BldgType Duplex	GarageCars*BldgType Duplex	1	-0.07004	0.04153	-1.69	0.0919
GarageCars*BldgType Twnhs	GarageCars*BldgType Twnhs	1	-0.04214	0.04383	-0.96	0.3365

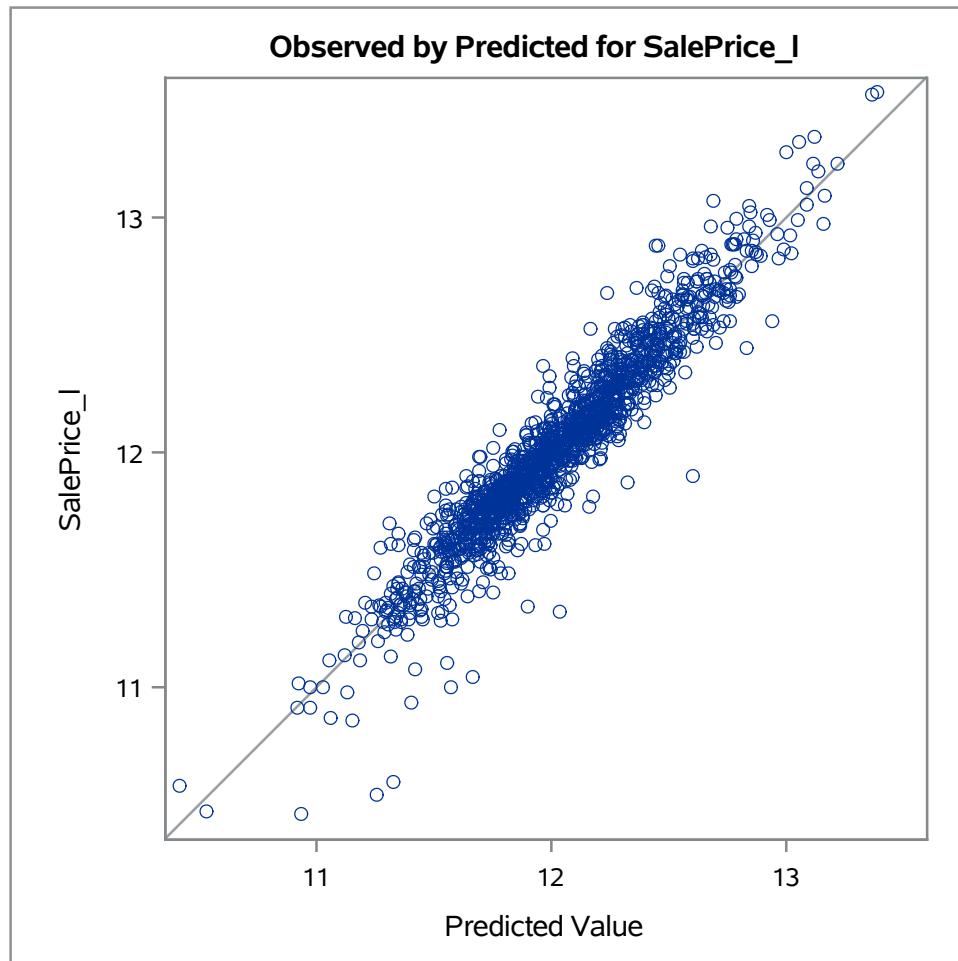
Forward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



Forward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Forward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

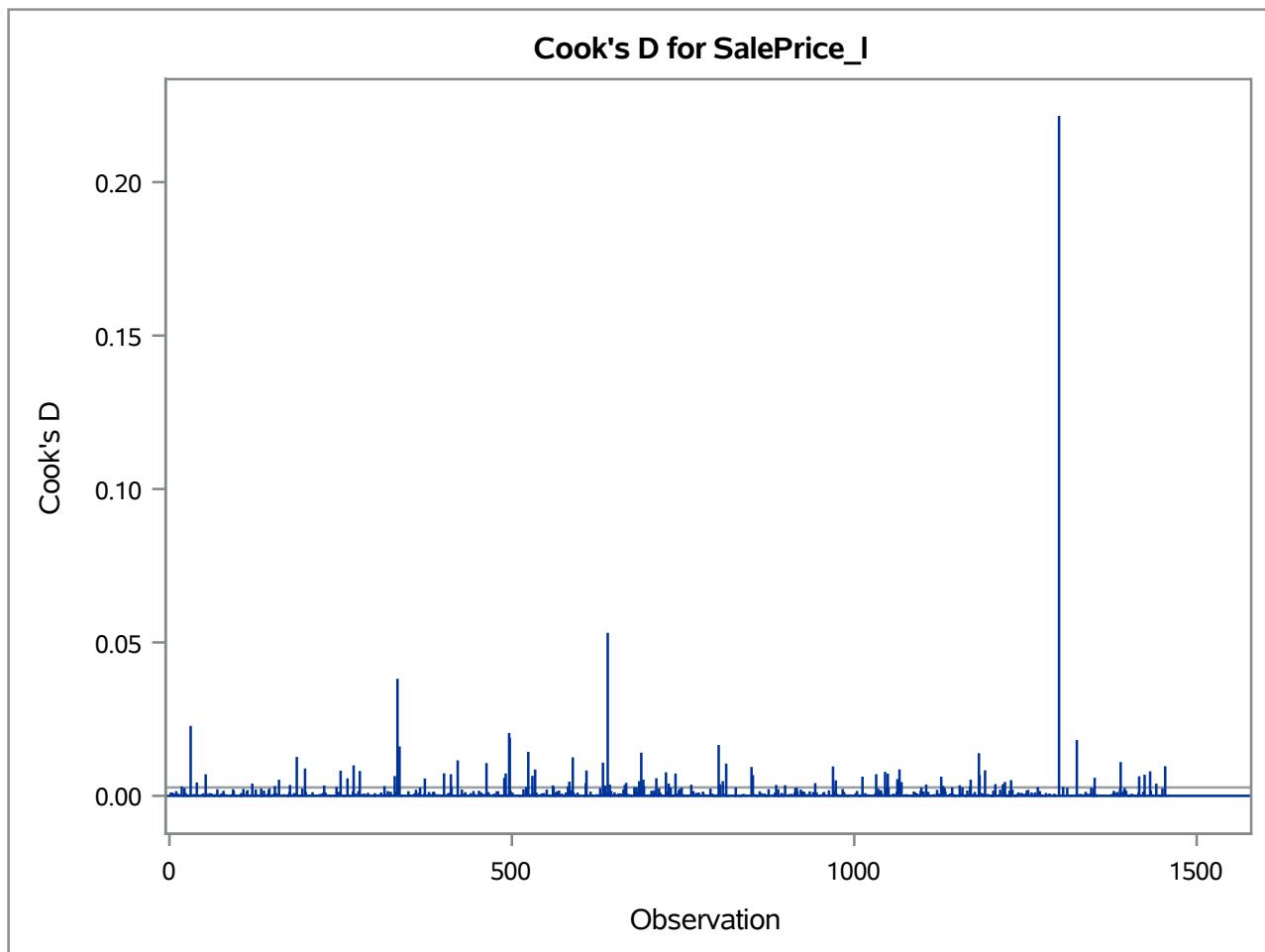
Forward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

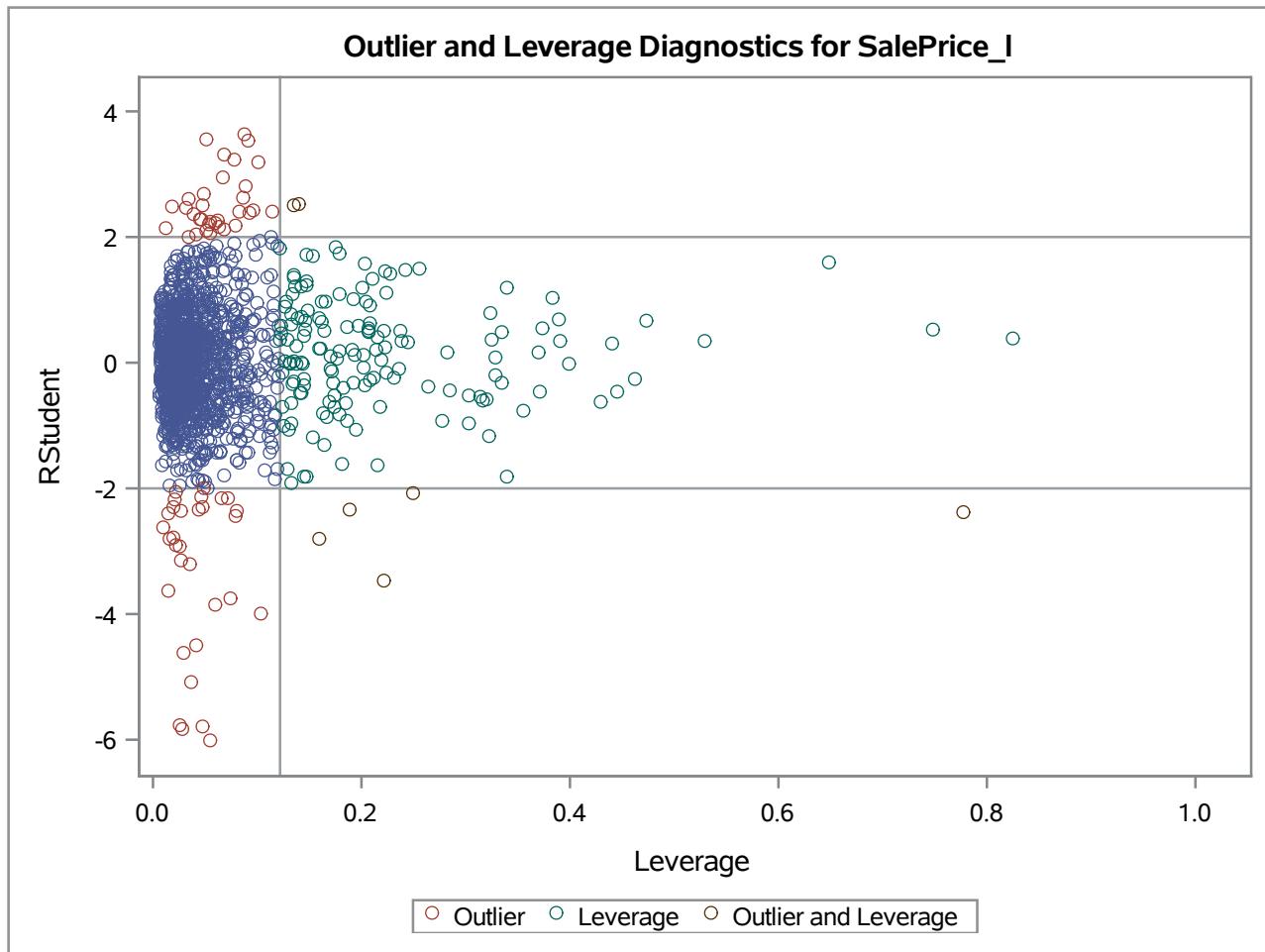


Forward Selection Multiple Linear Regression

The REG Procedure

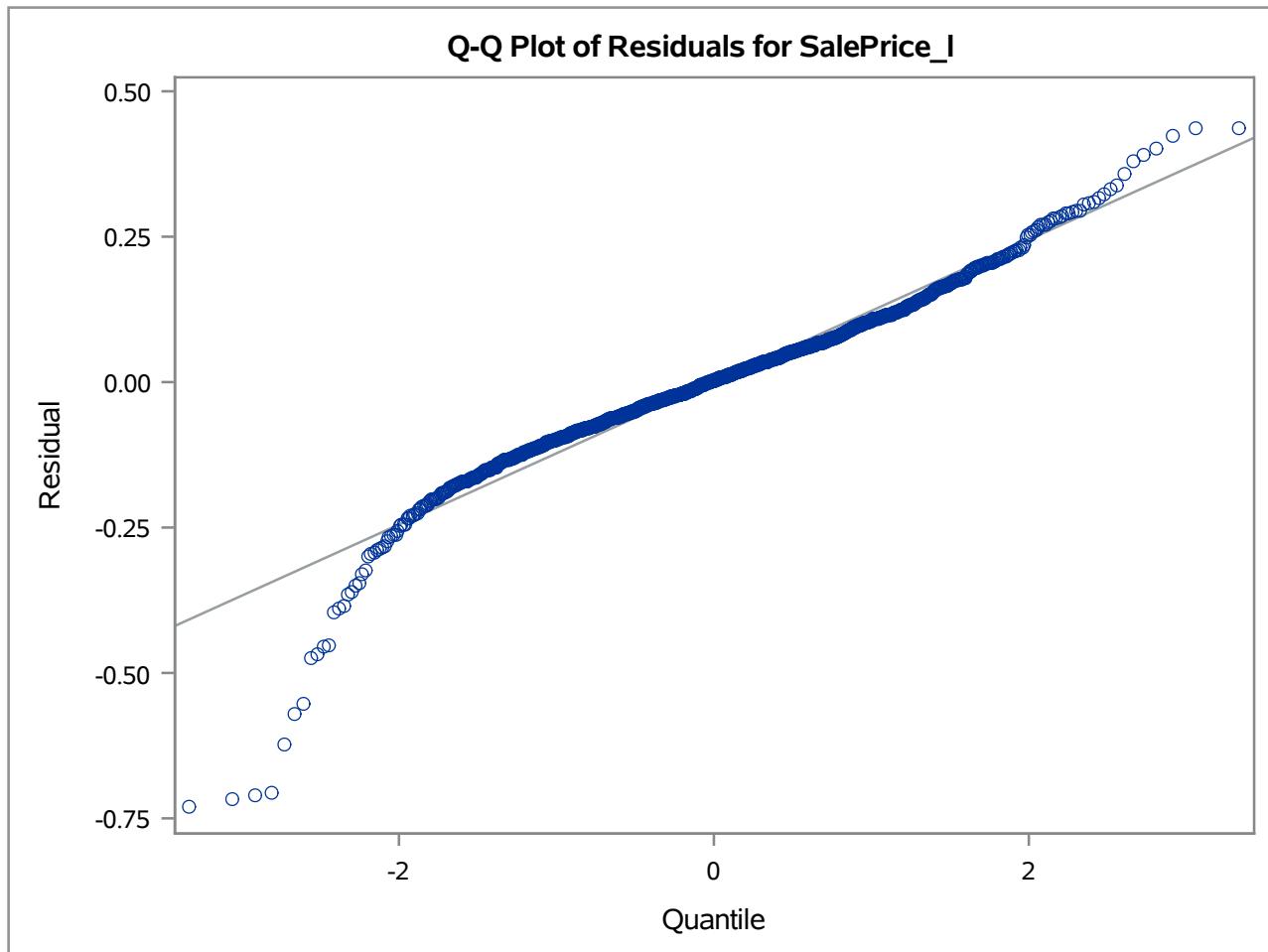
Model: MODEL1

Dependent Variable: SalePrice_I



Forward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I



Forward Selection Multiple Linear Regression

The REG Procedure

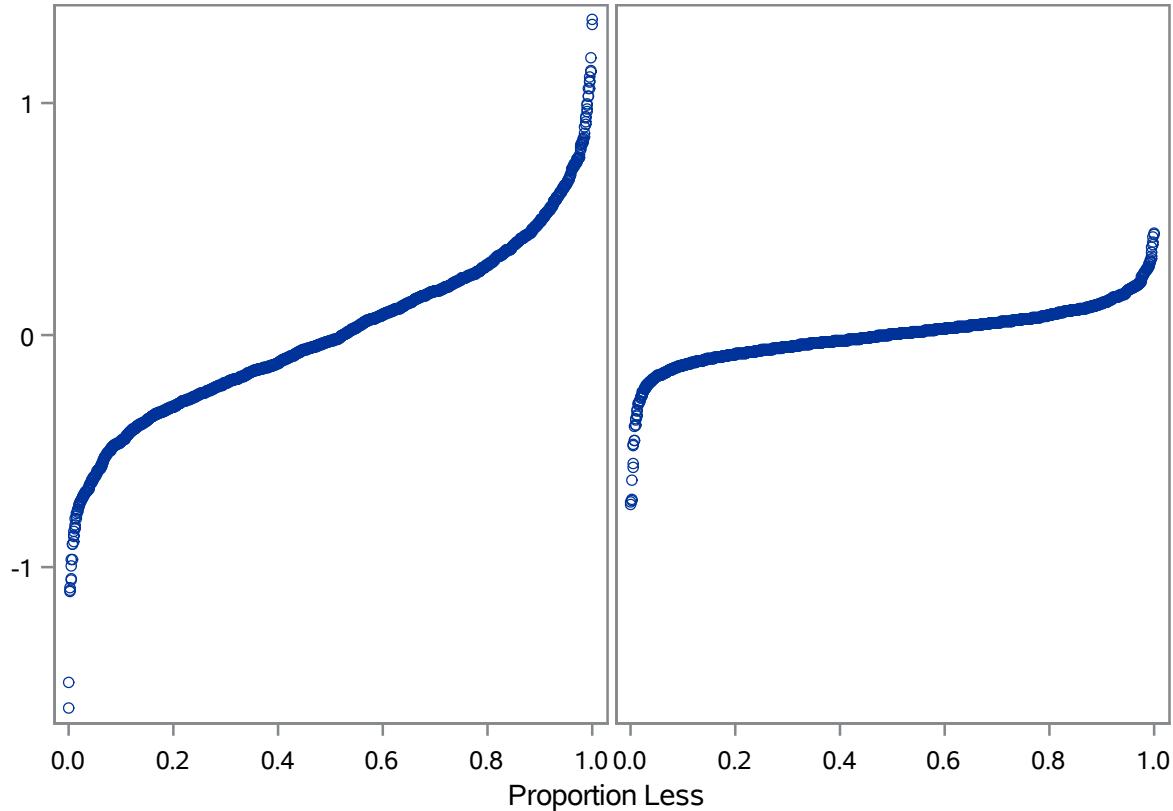
Model: MODEL1

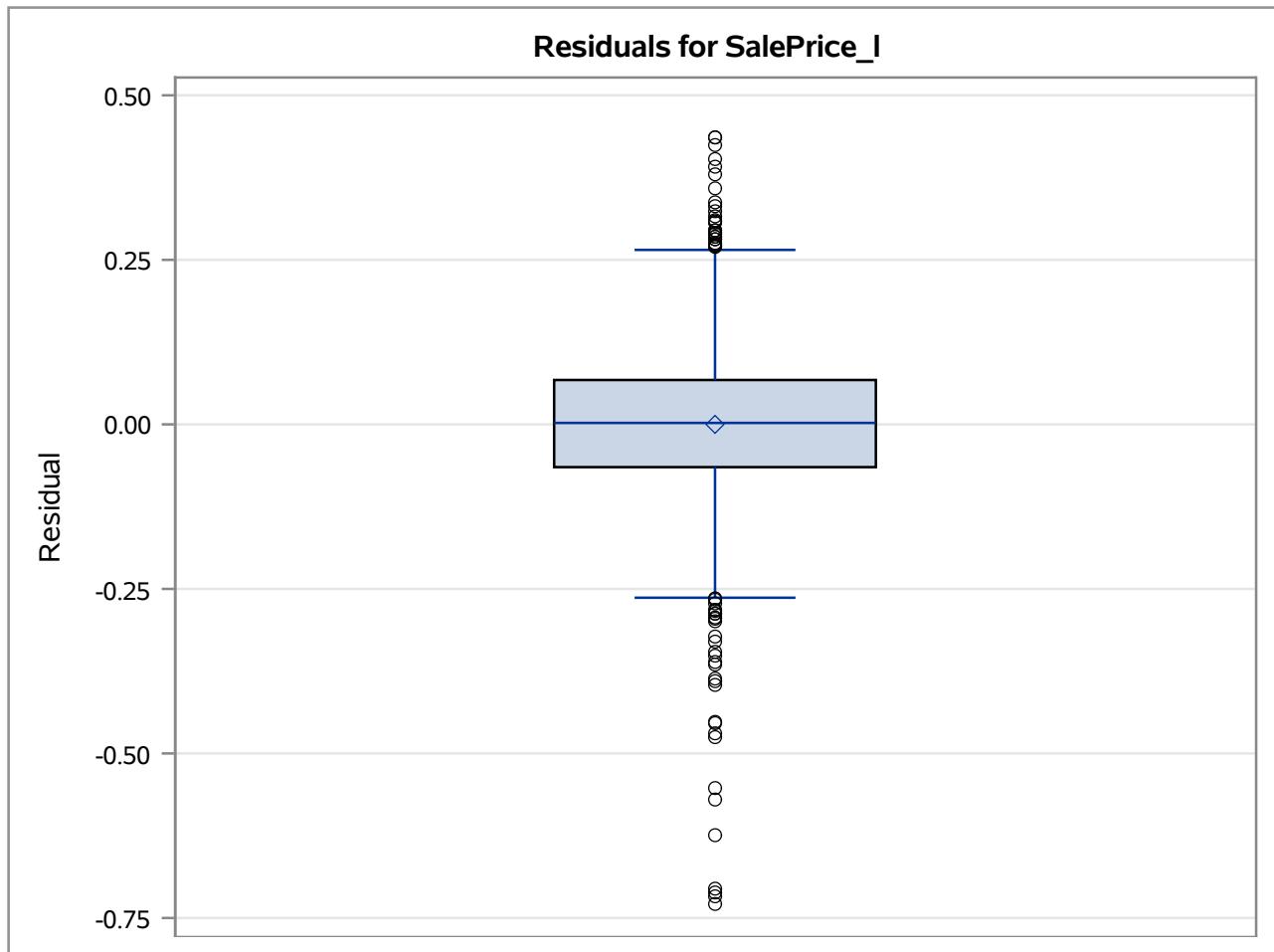
Dependent Variable: SalePrice_I

Residual-Fit Spread Plot for SalePrice_I

Fit-Mean

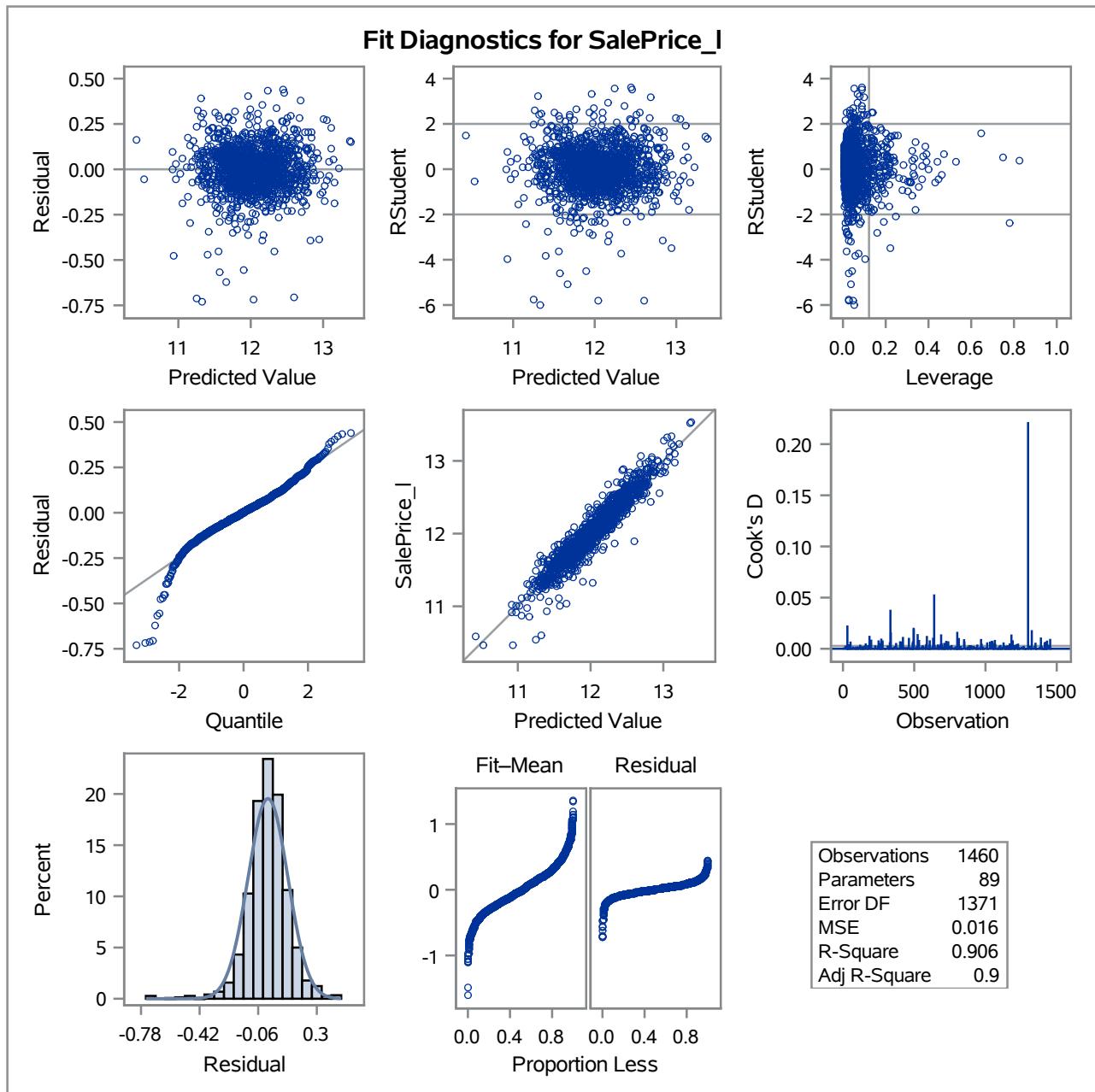
Residual



Forward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Forward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

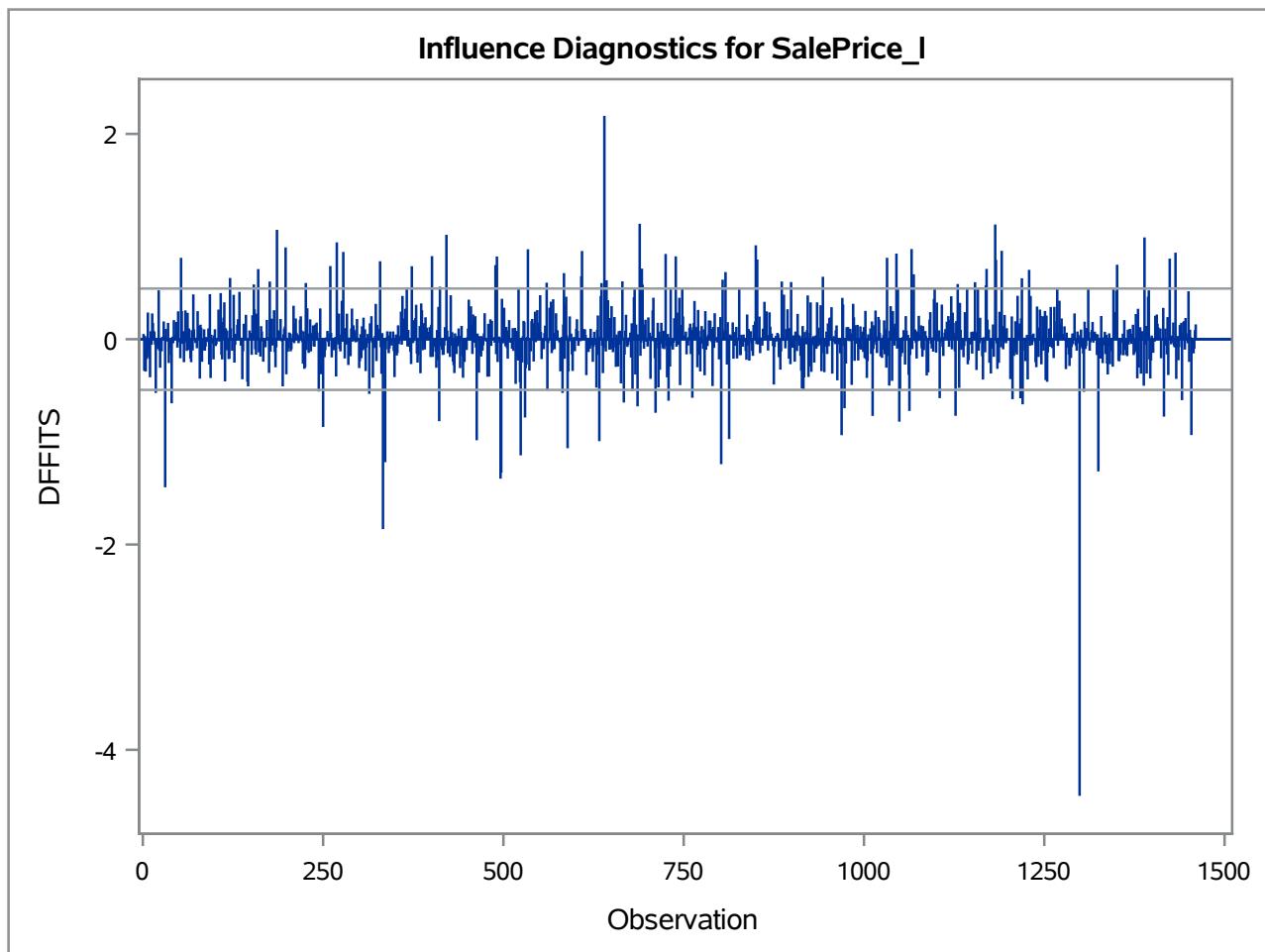


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

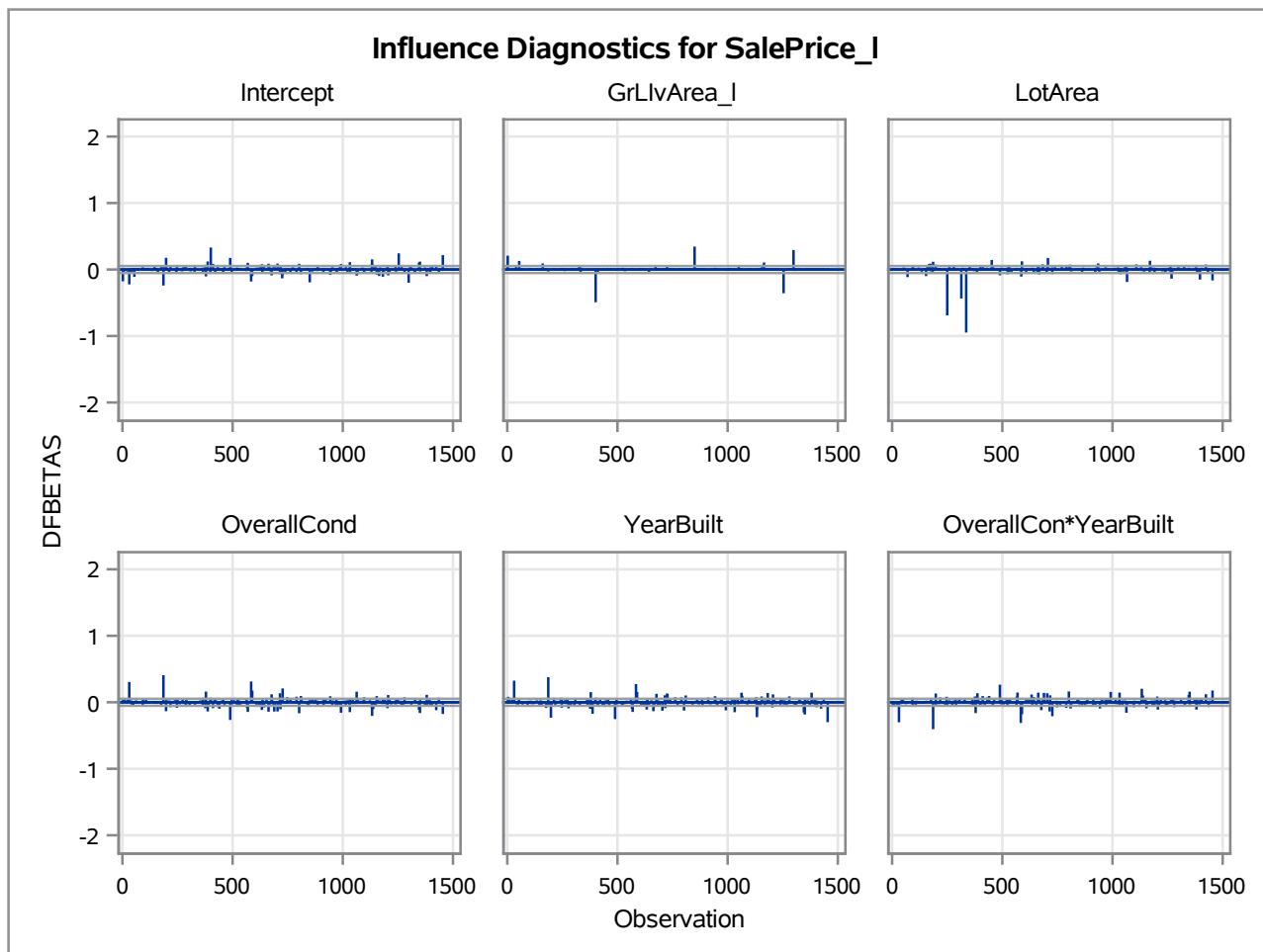


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

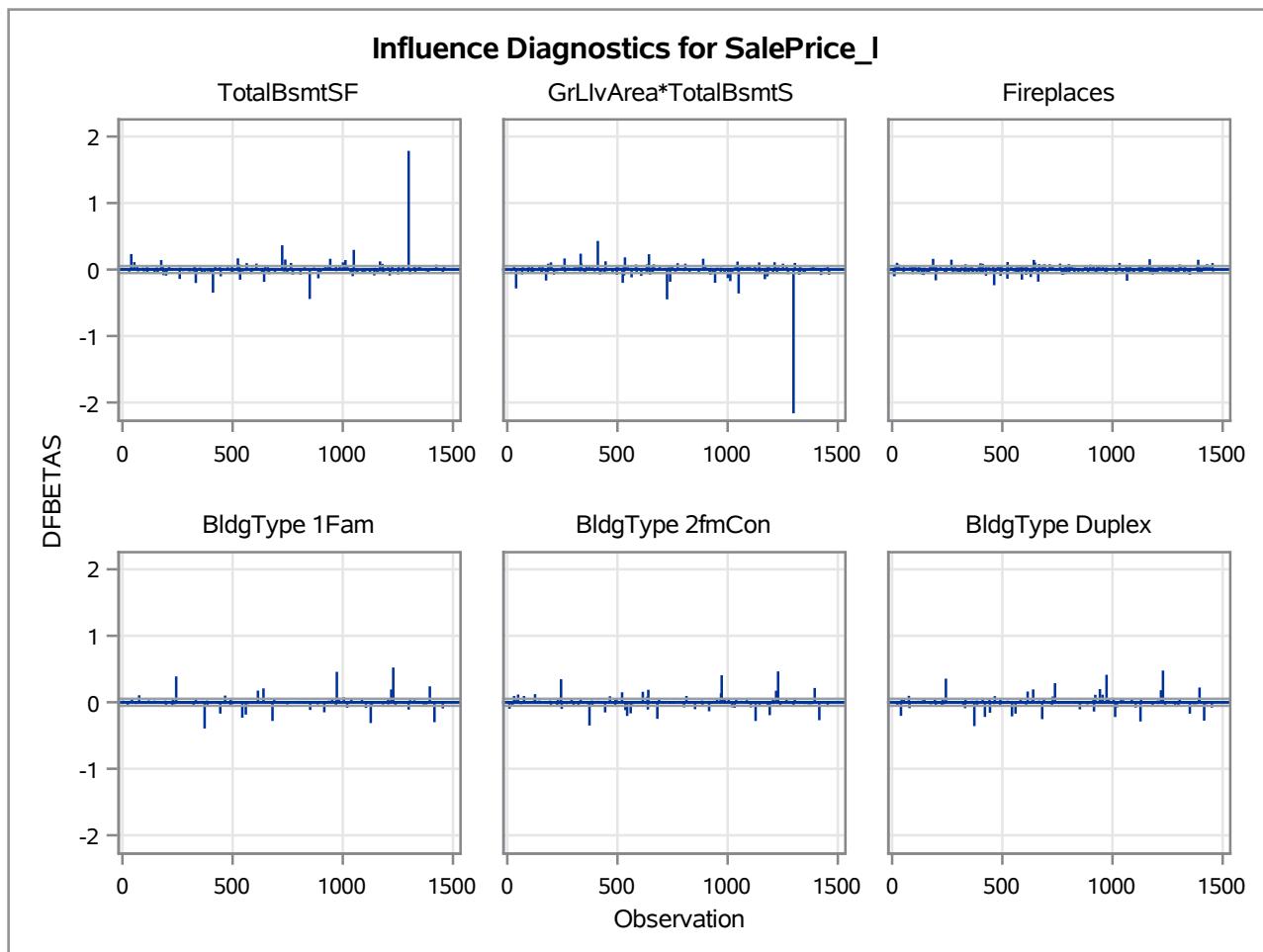


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

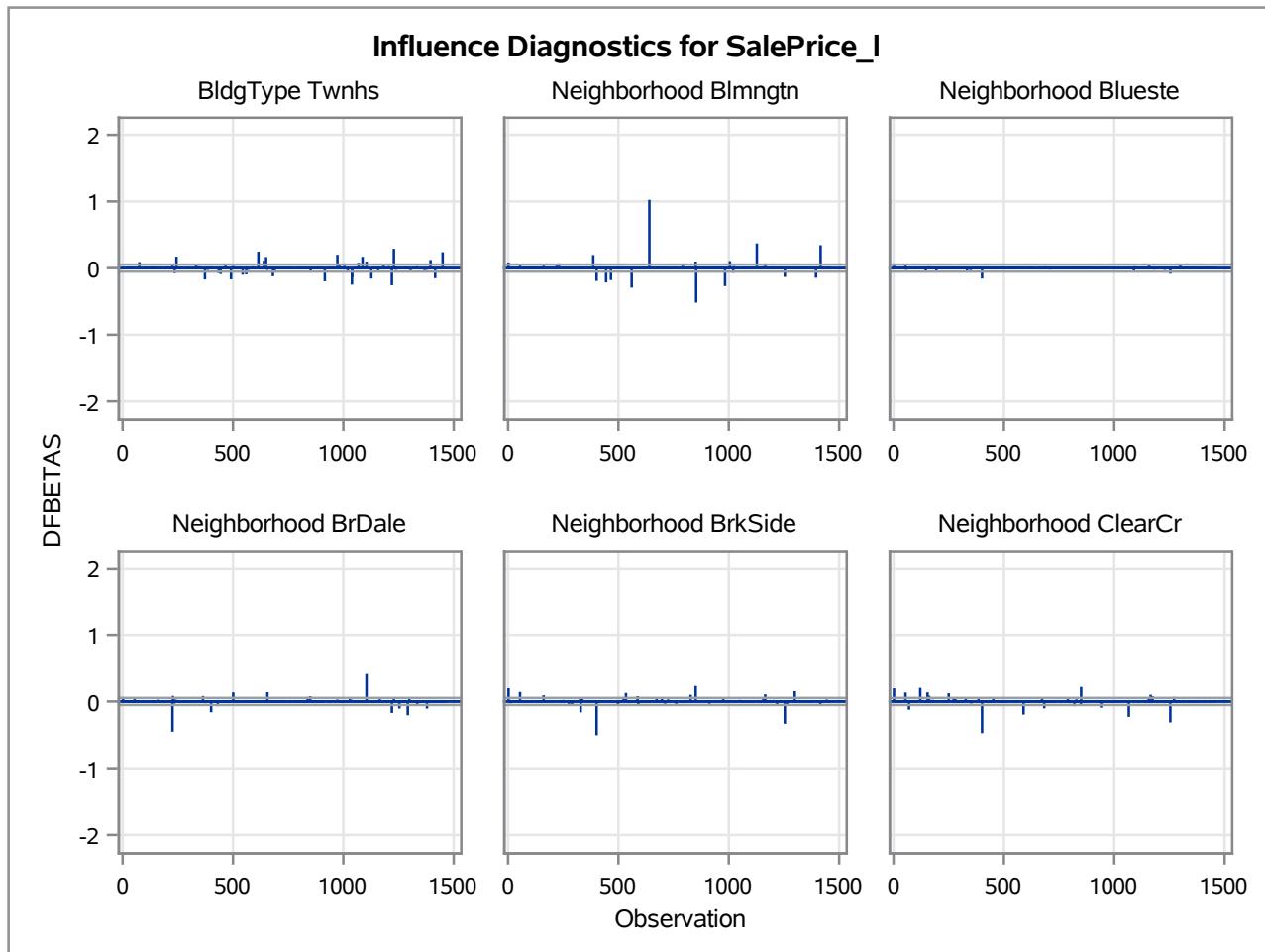


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

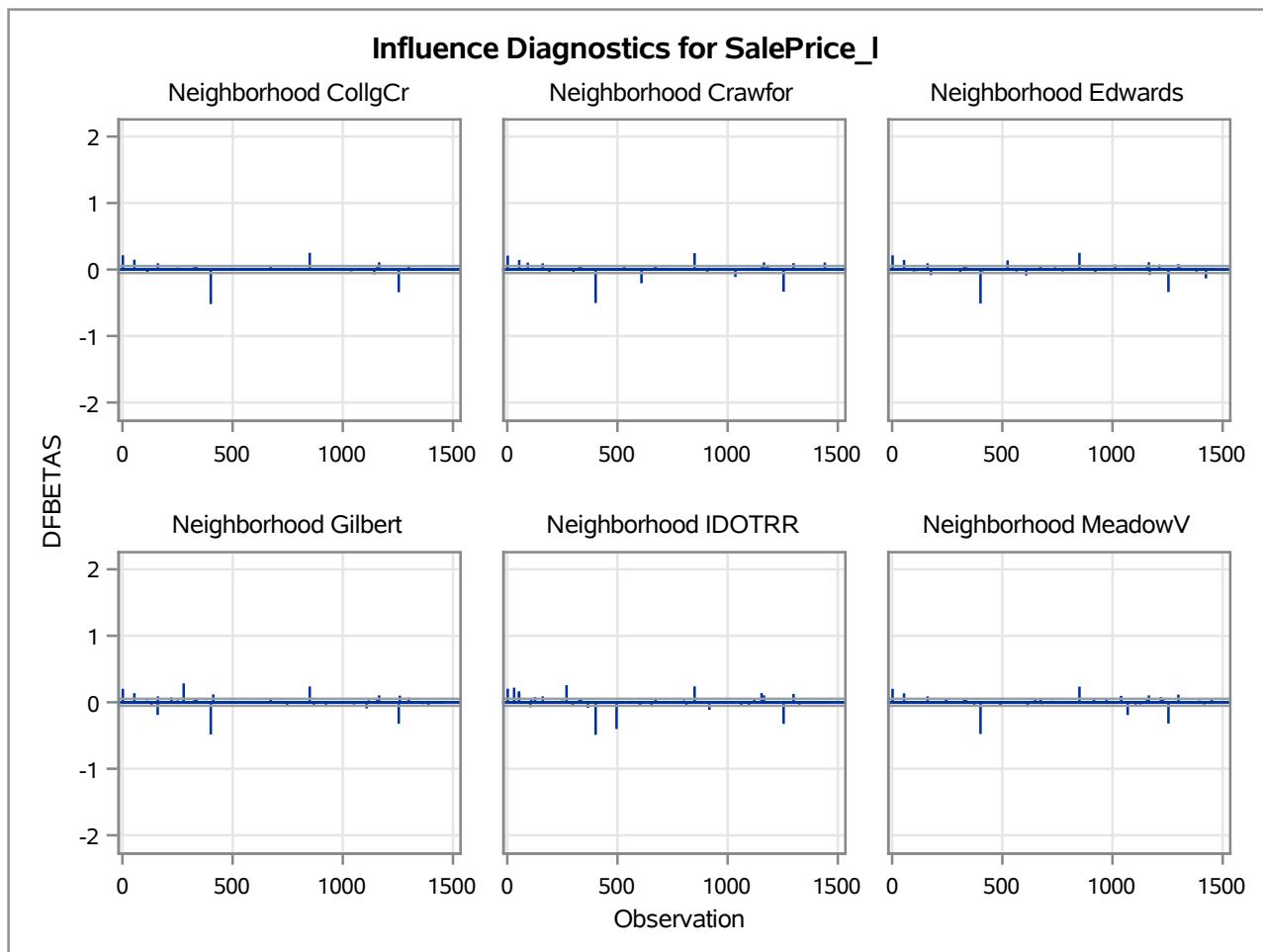


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



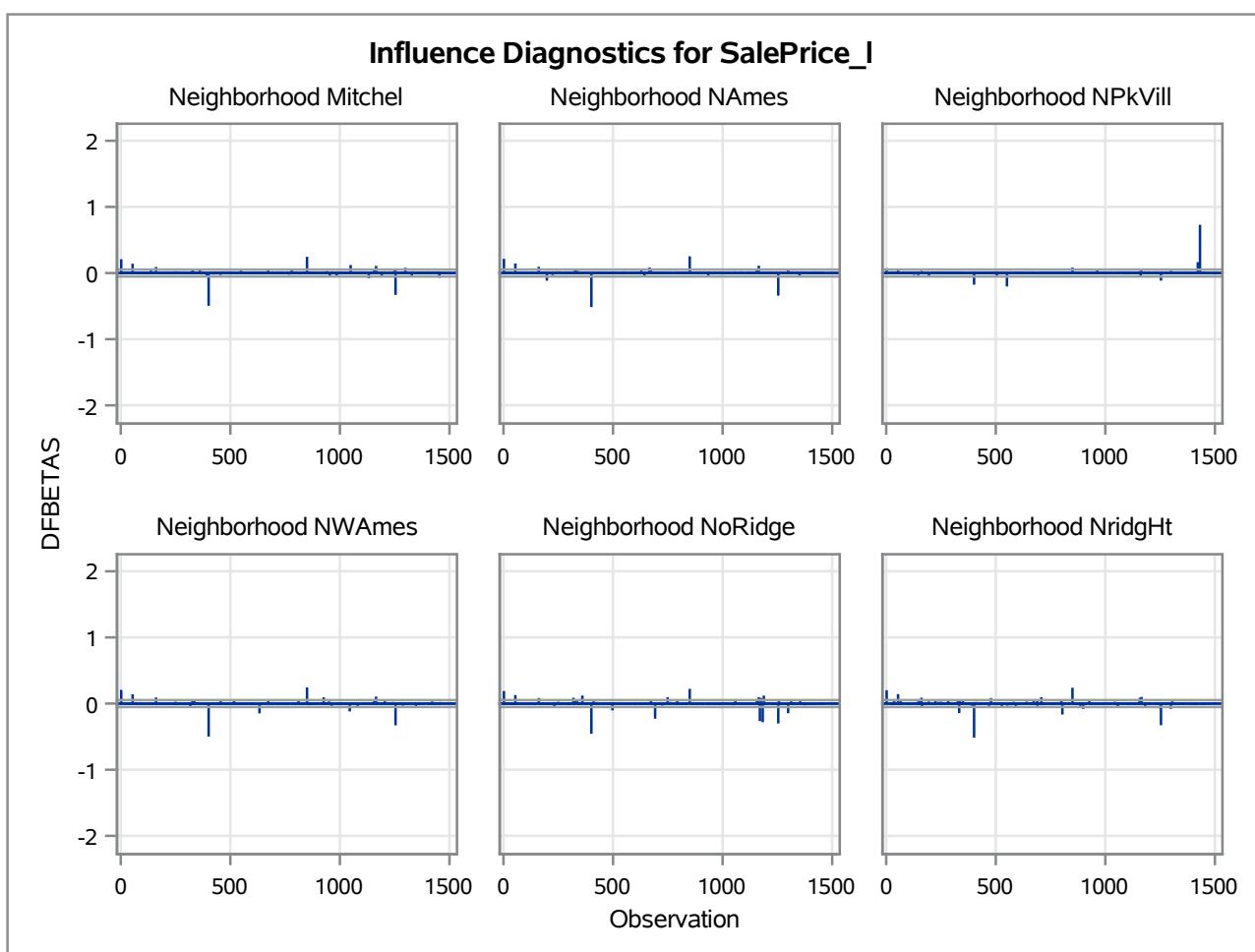
Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Influence Diagnostics for SalePrice_I



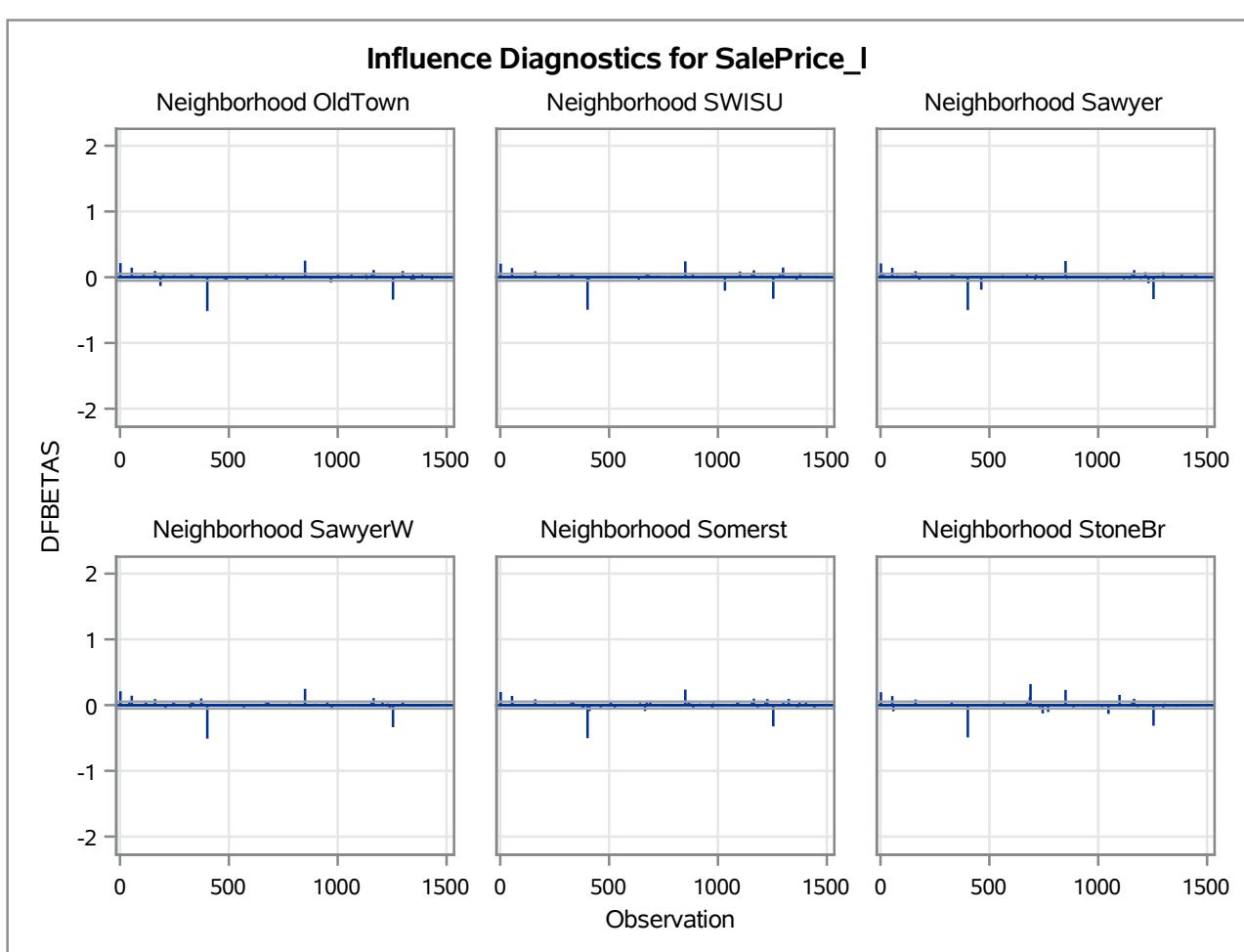
Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Influence Diagnostics for SalePrice_I

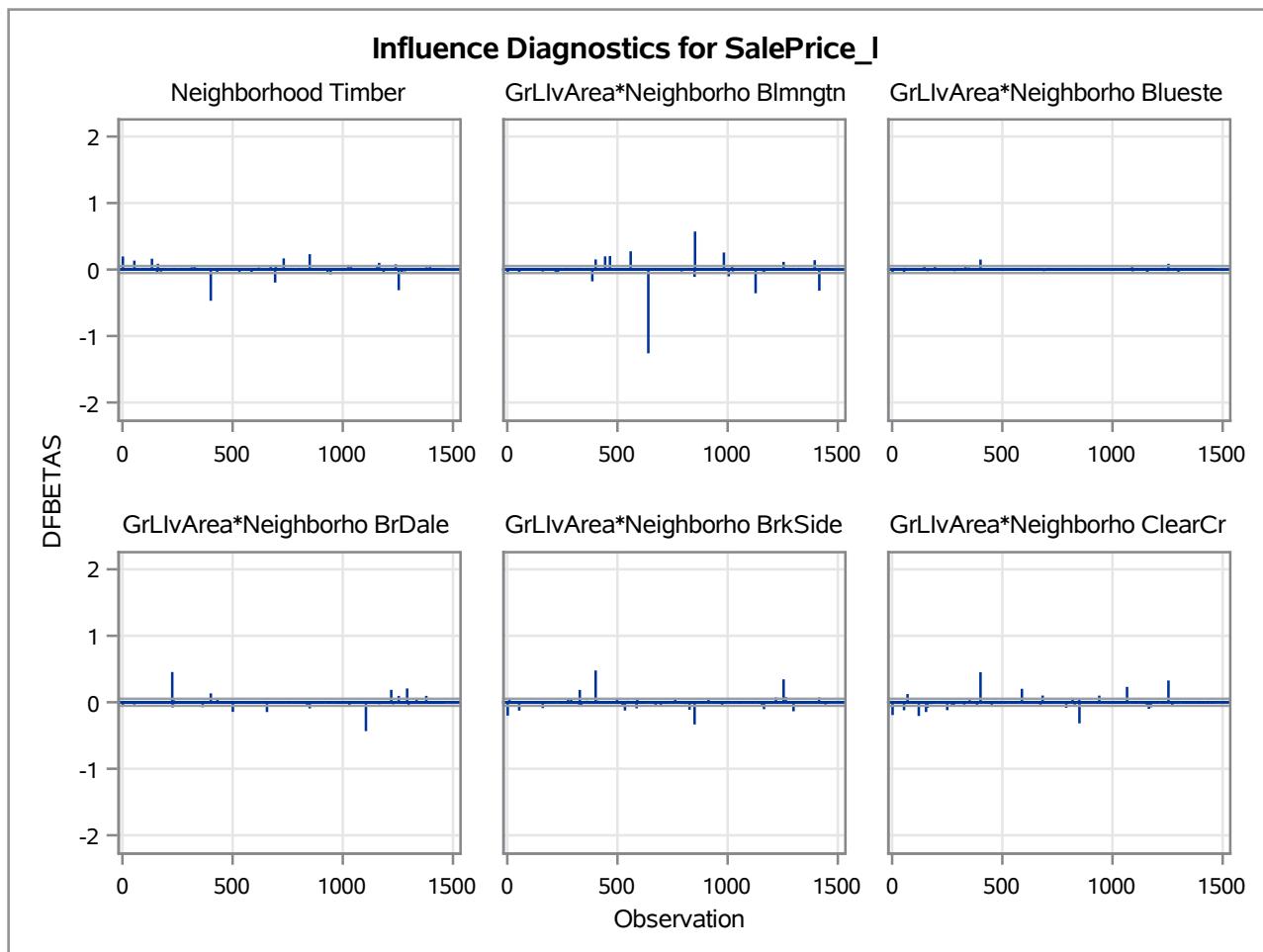


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

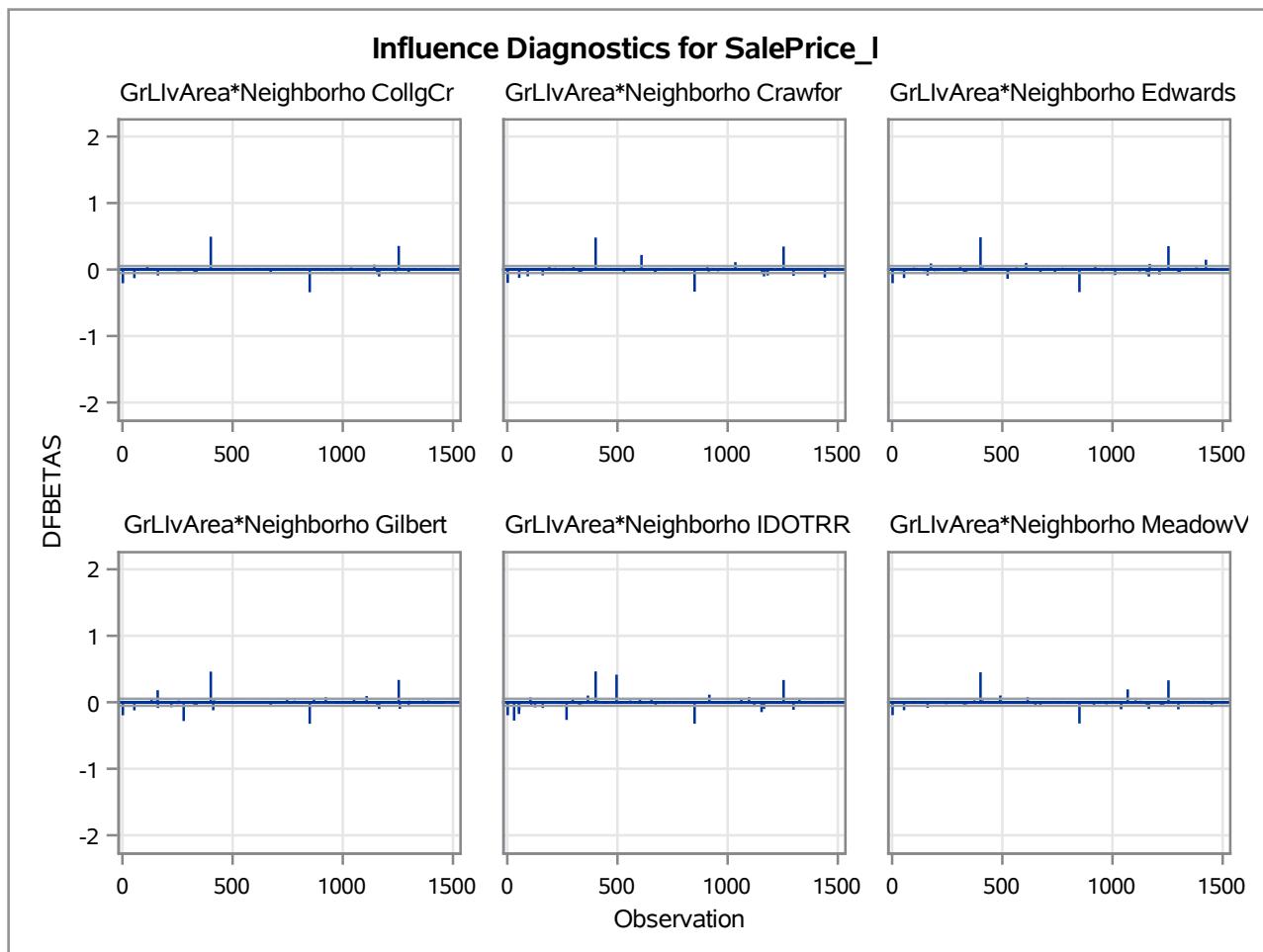


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

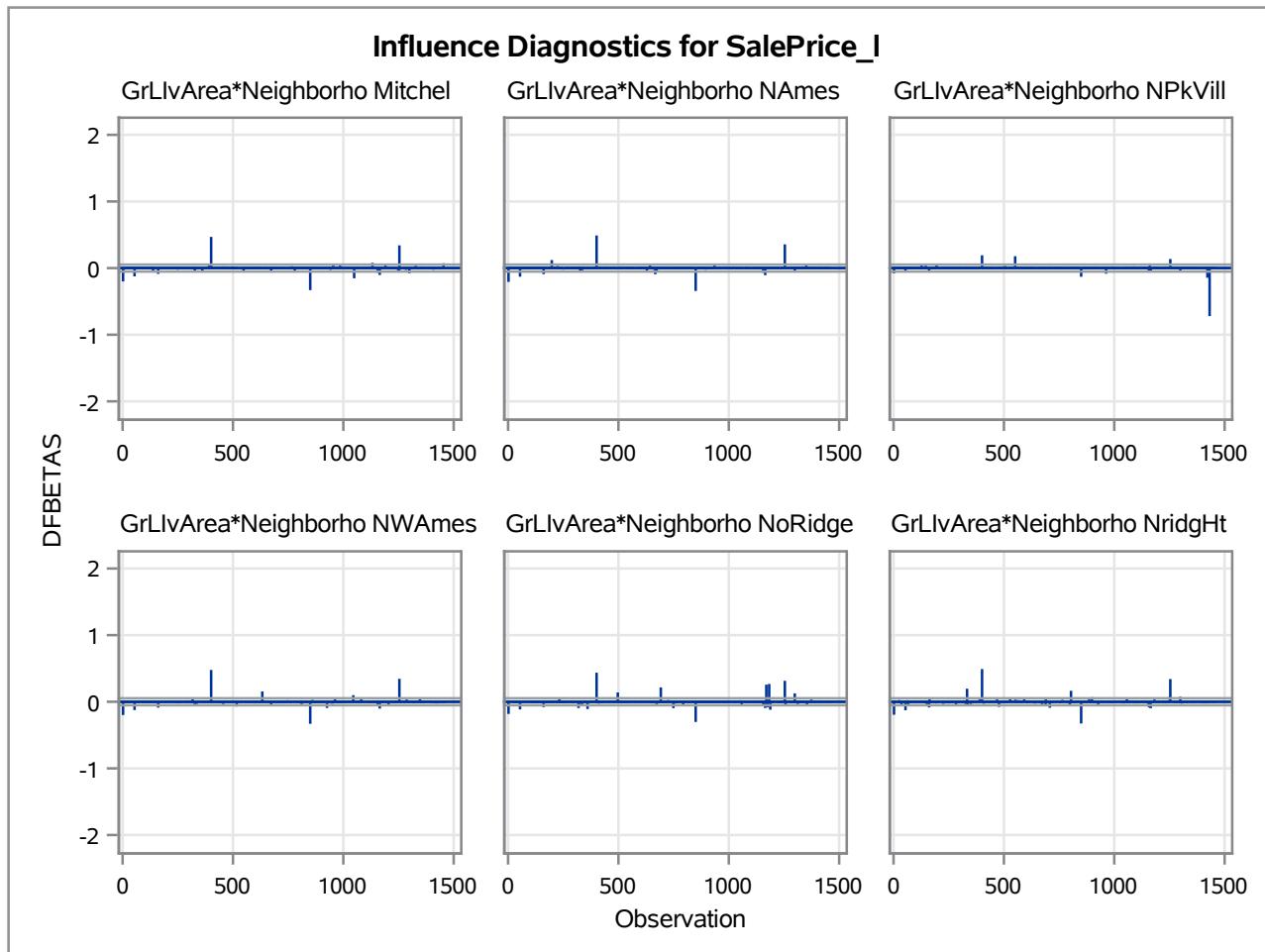


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

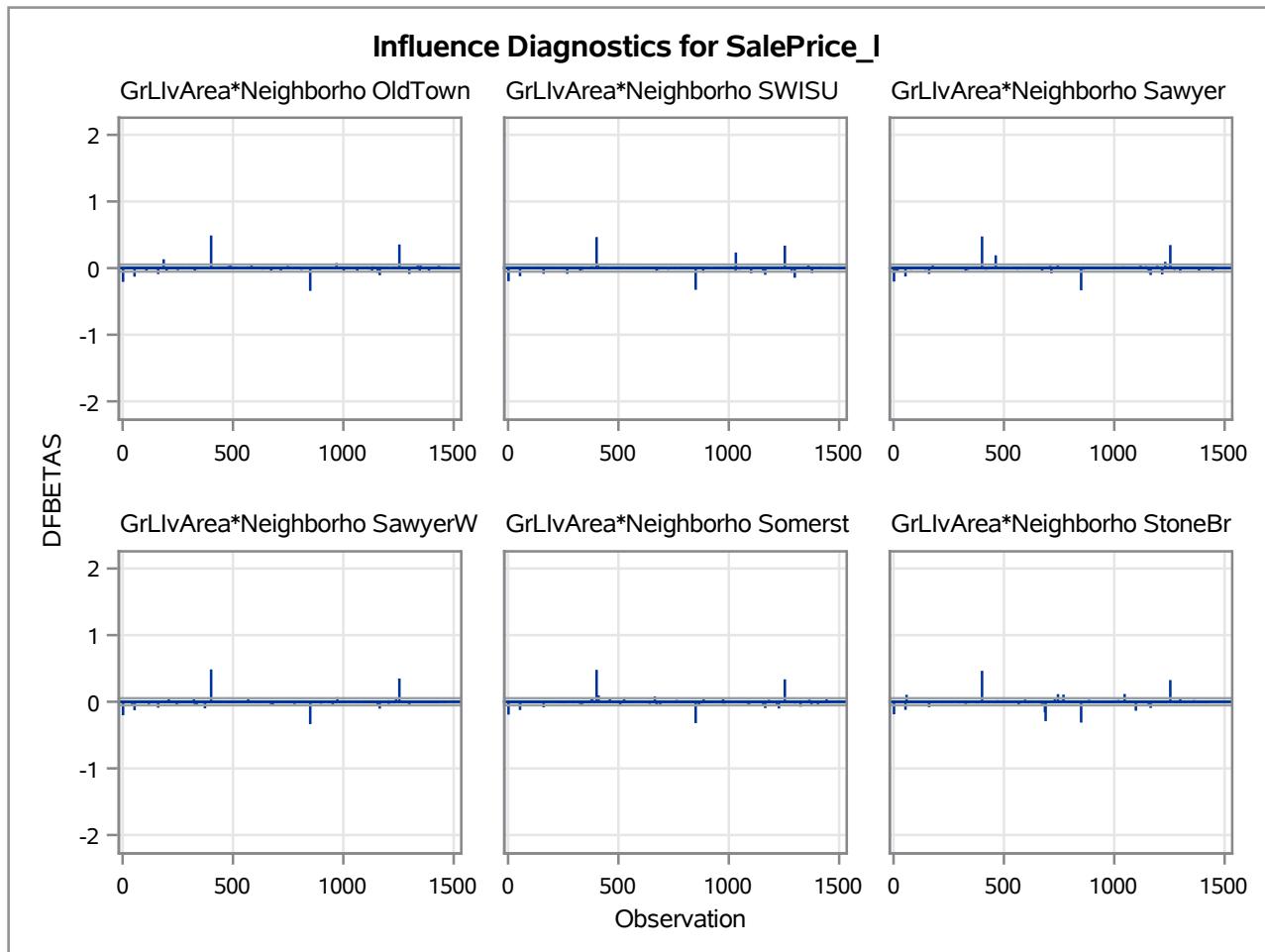


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

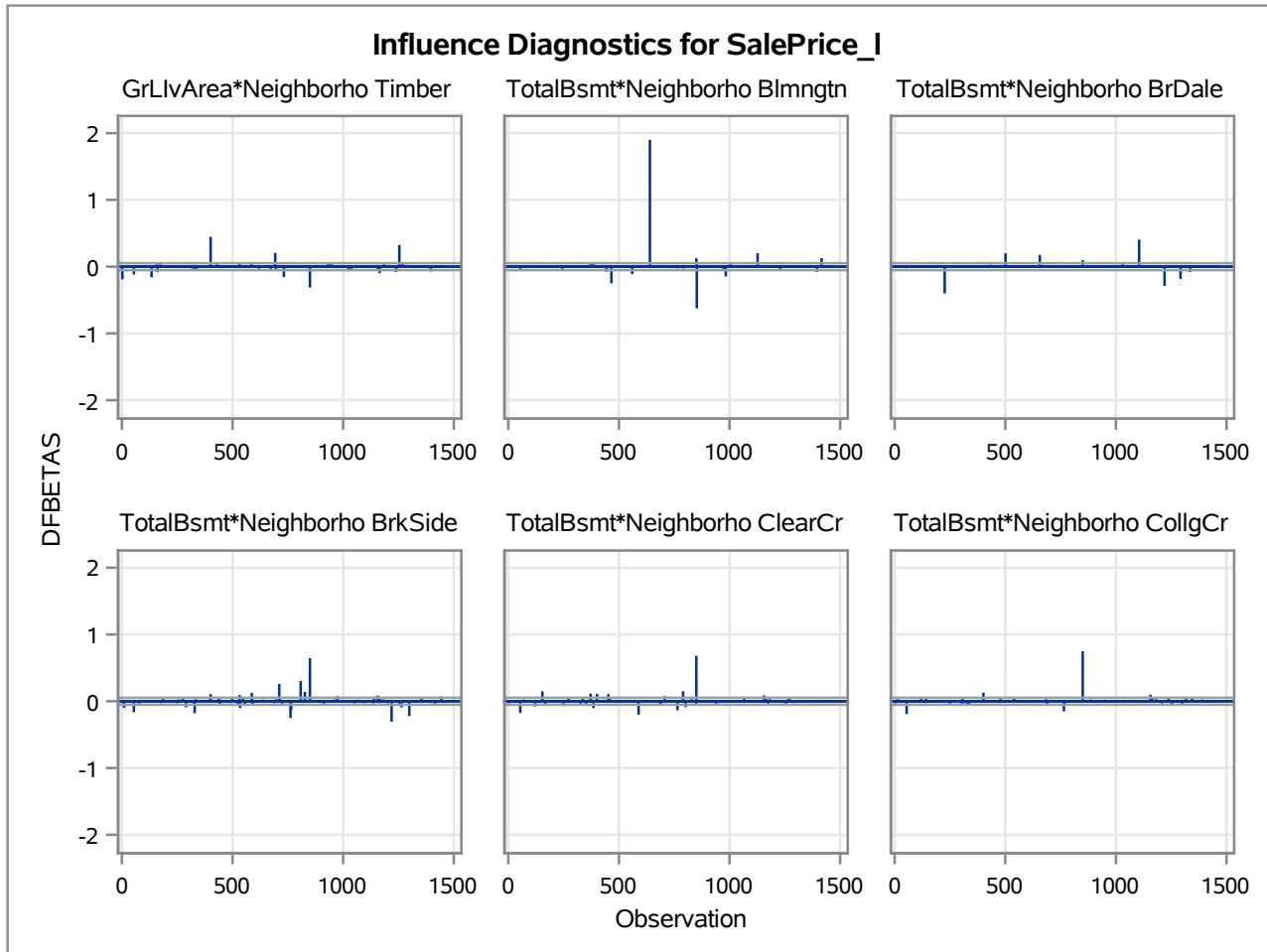


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



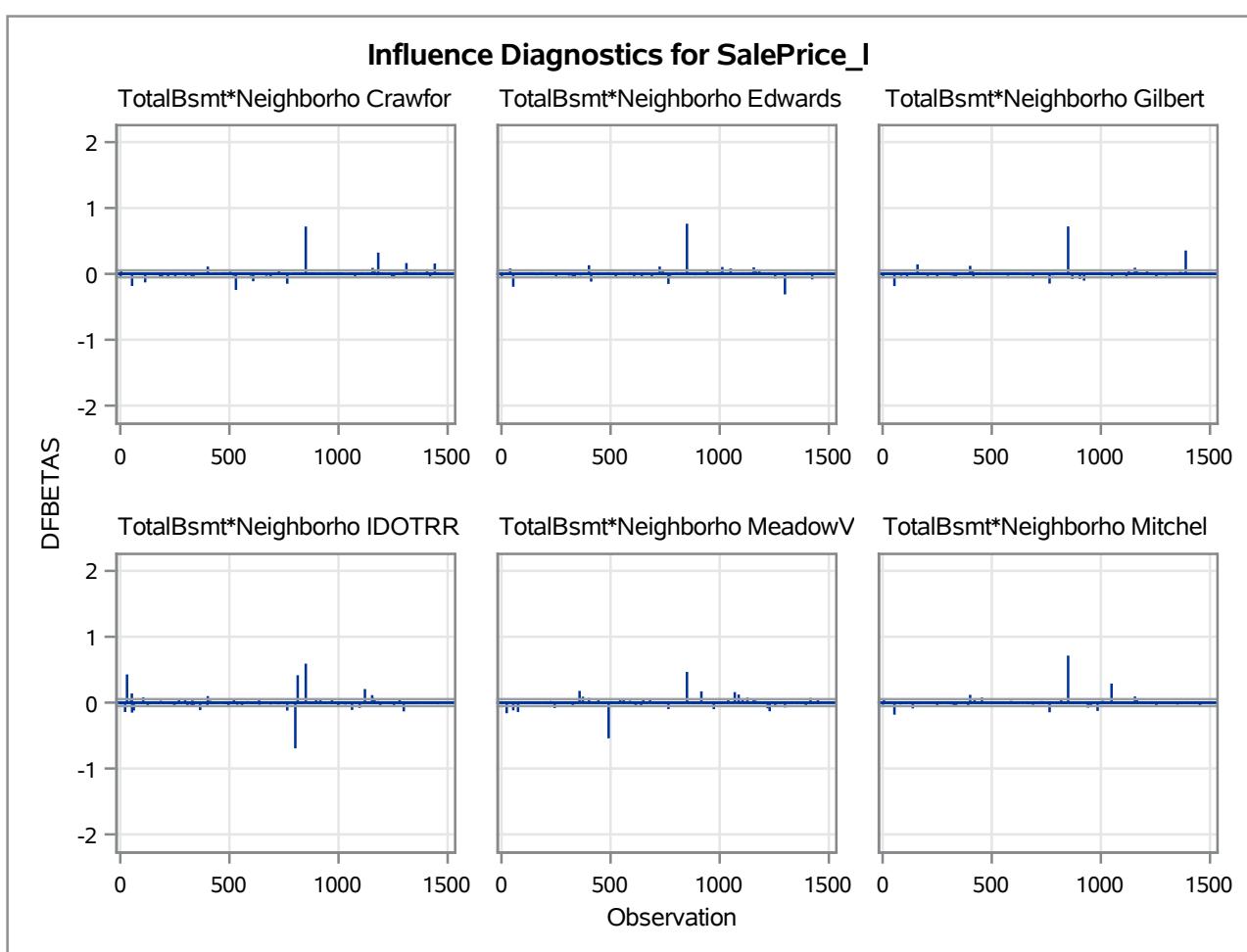
Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Influence Diagnostics for SalePrice_I



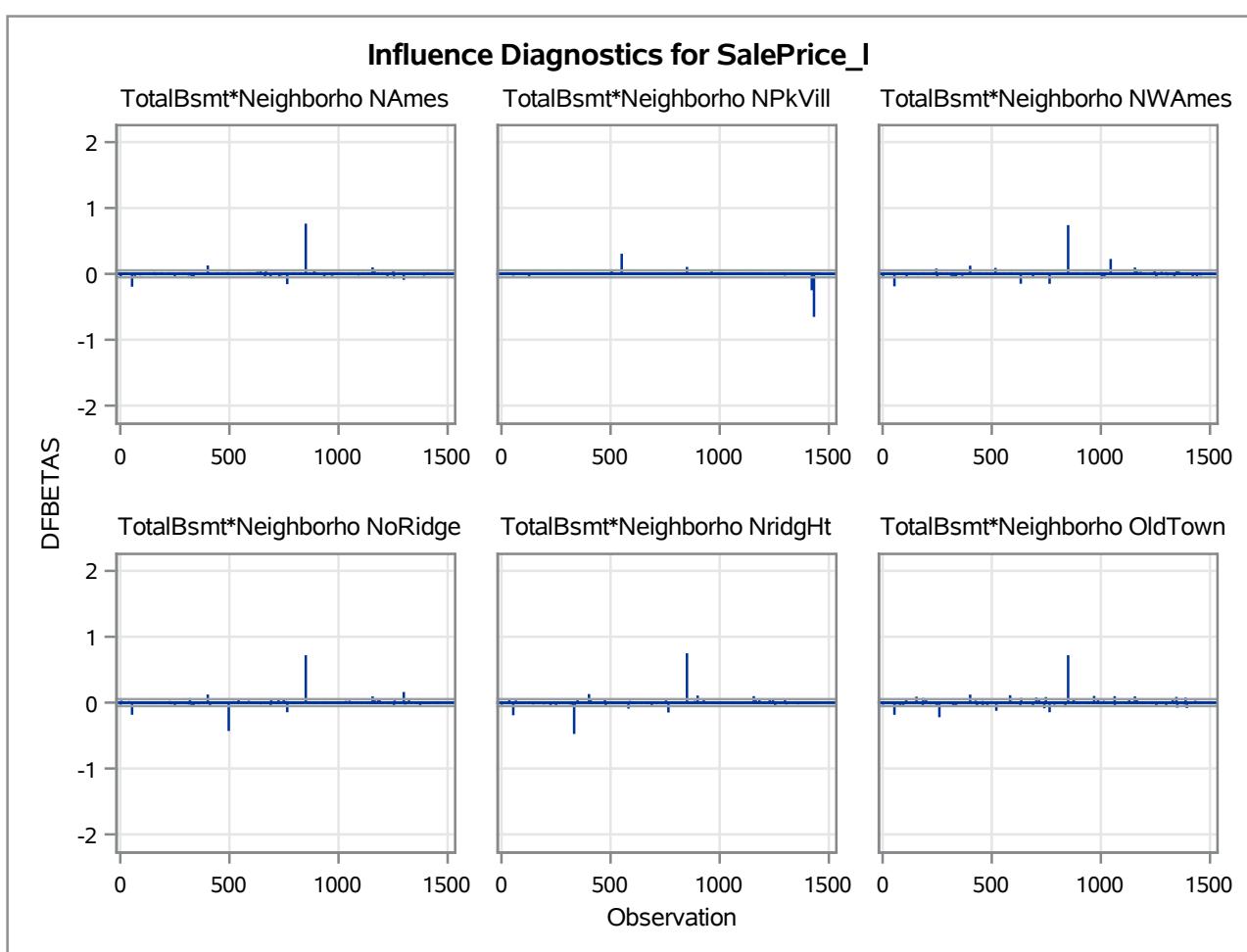
Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Influence Diagnostics for SalePrice_I



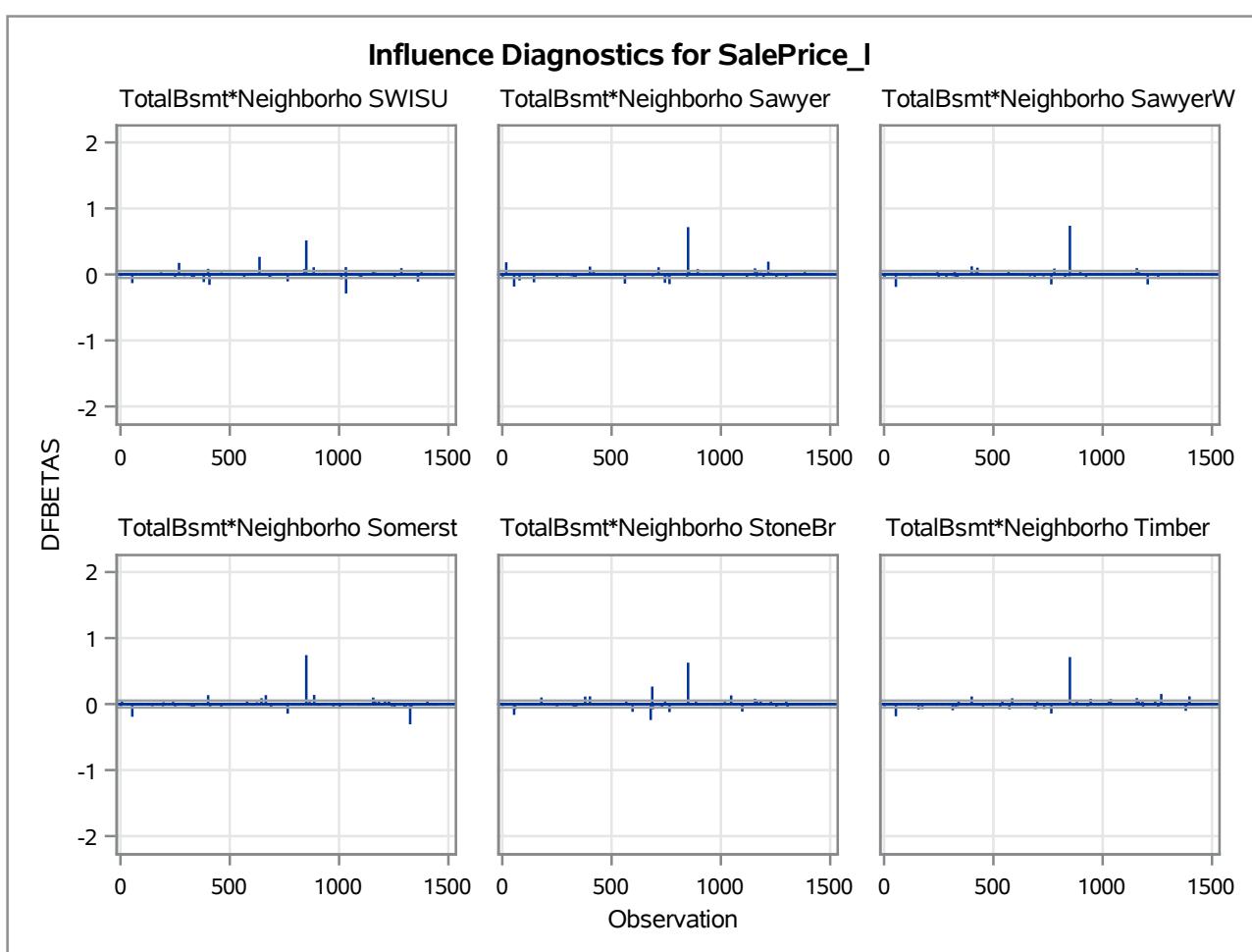
Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Influence Diagnostics for SalePrice_I

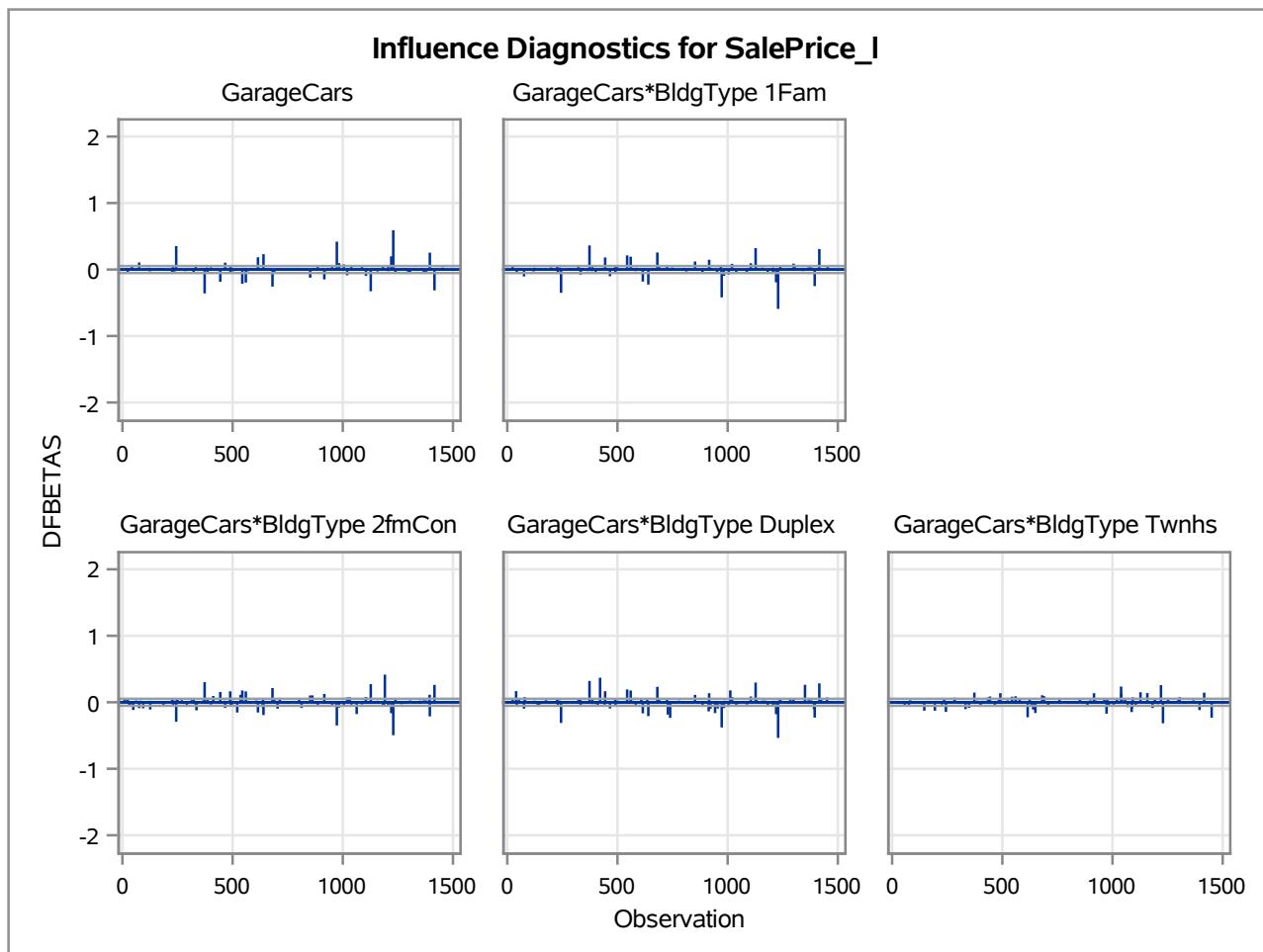


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

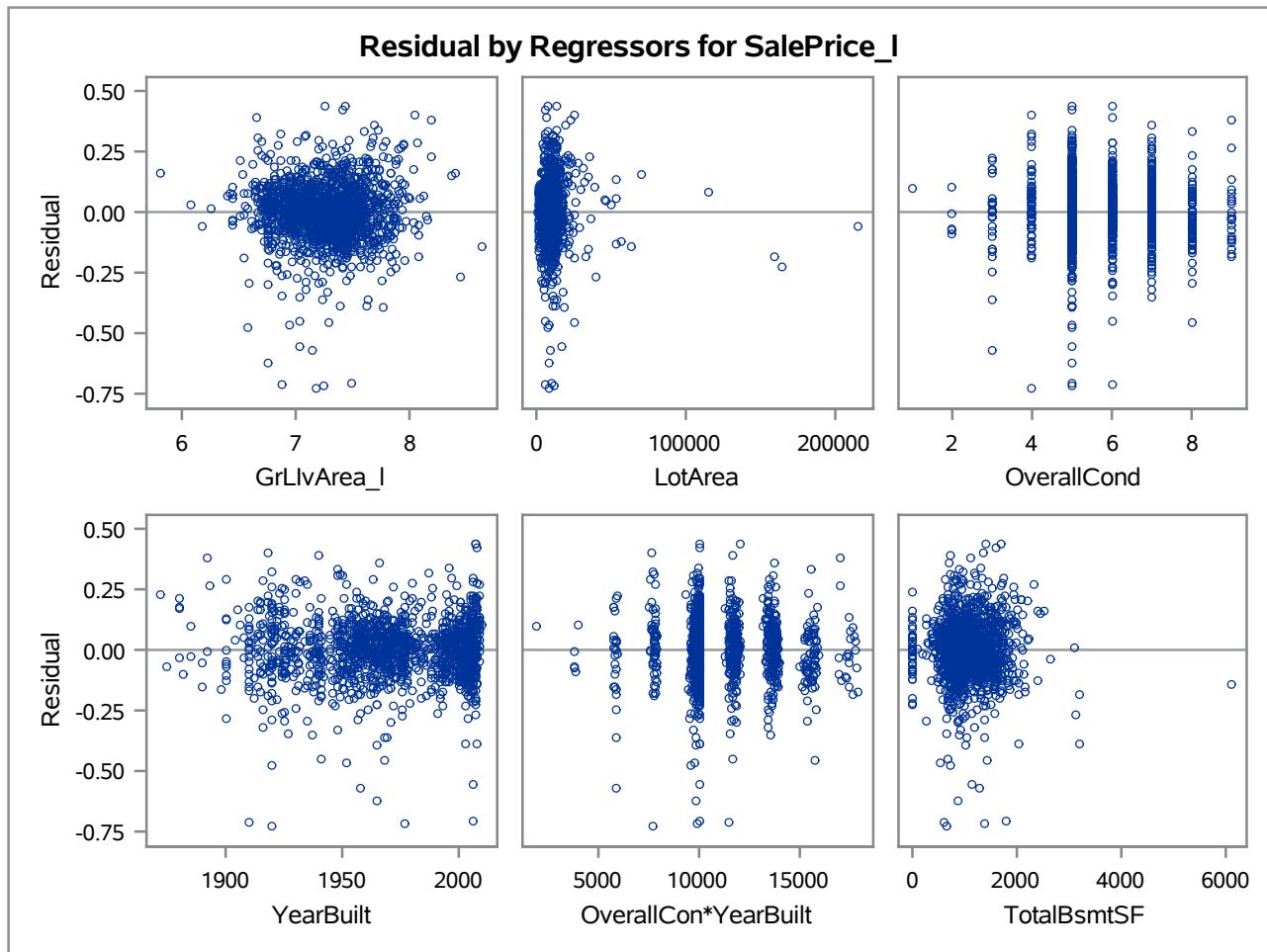


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

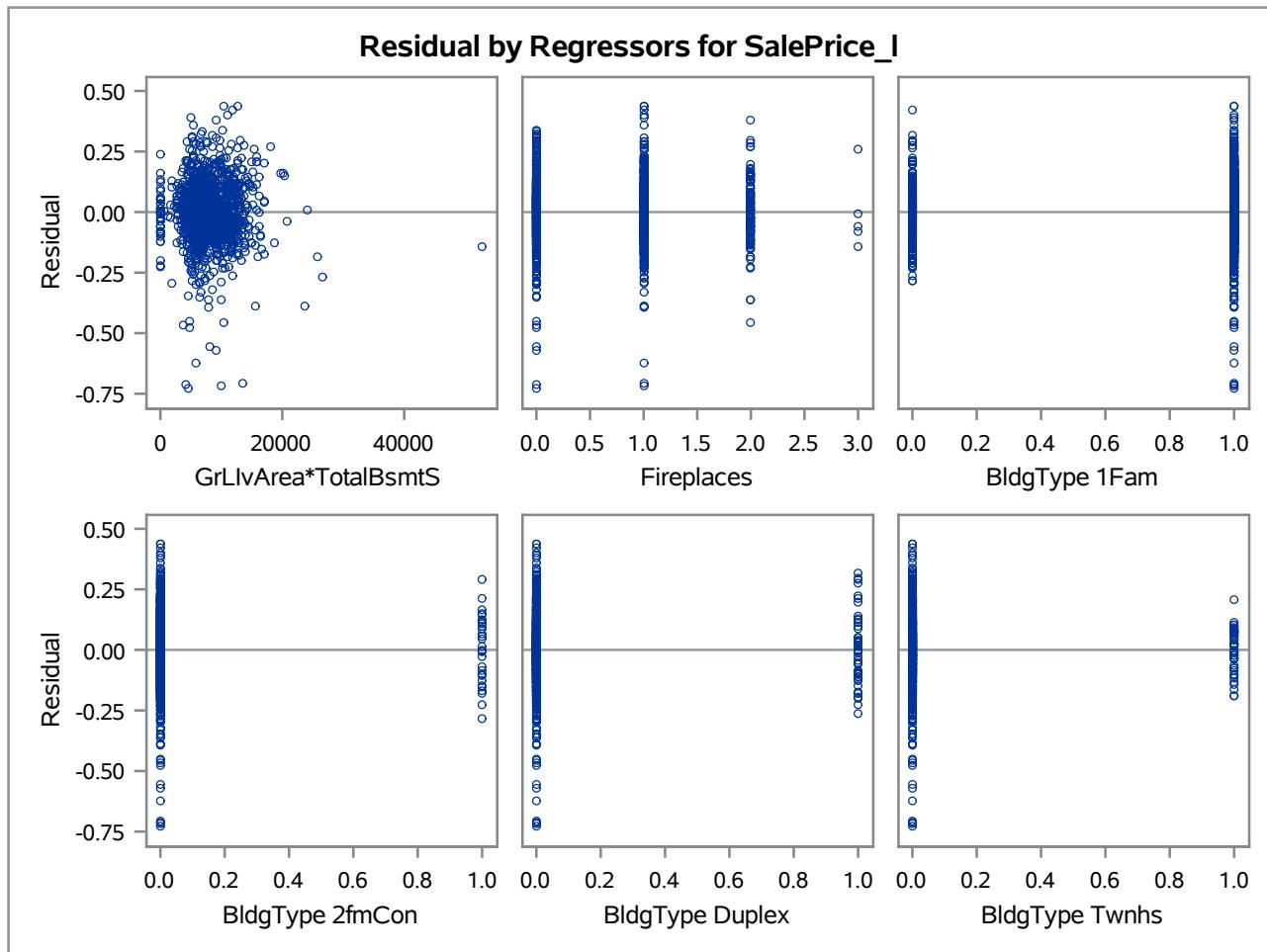


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

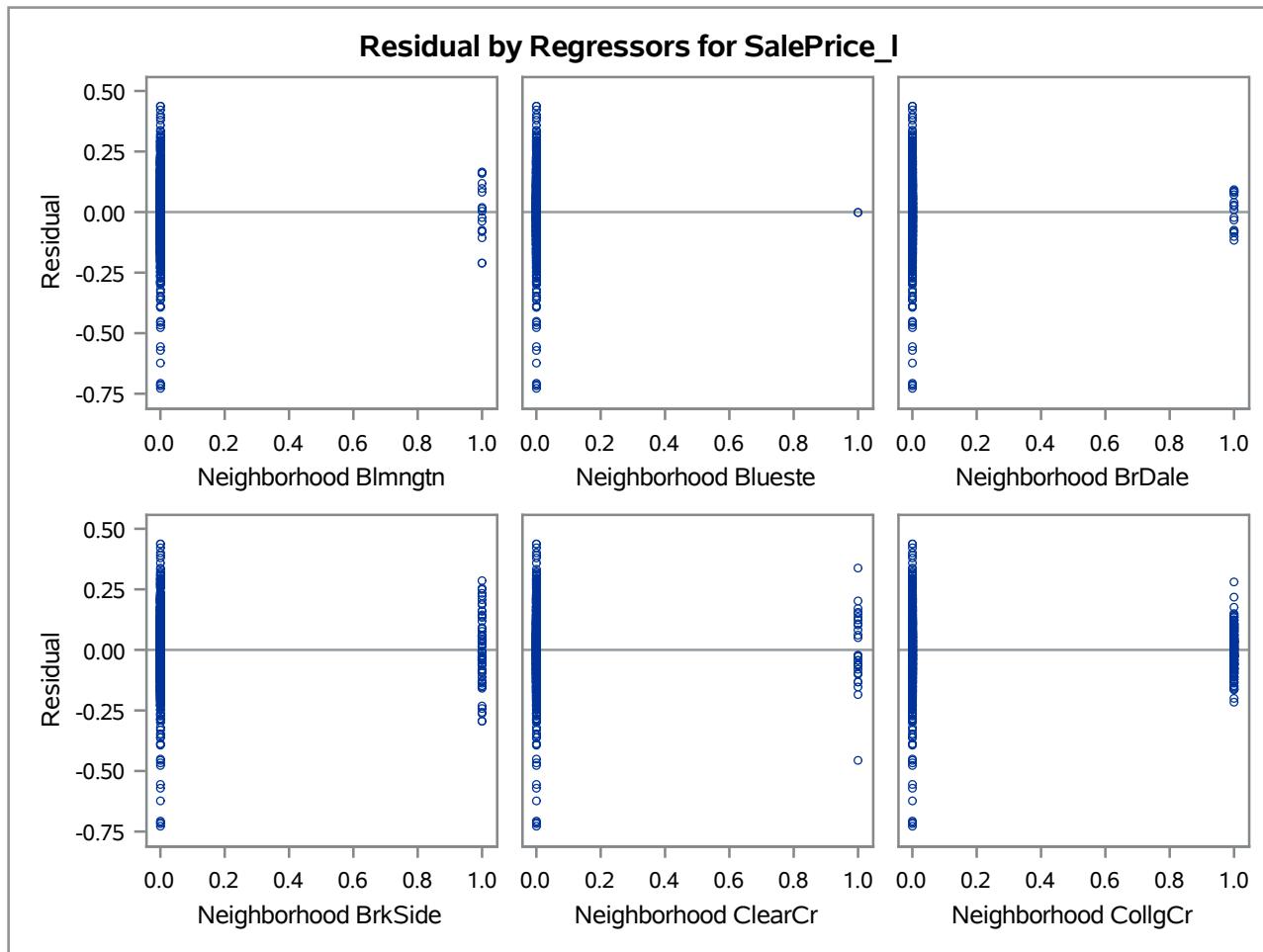


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

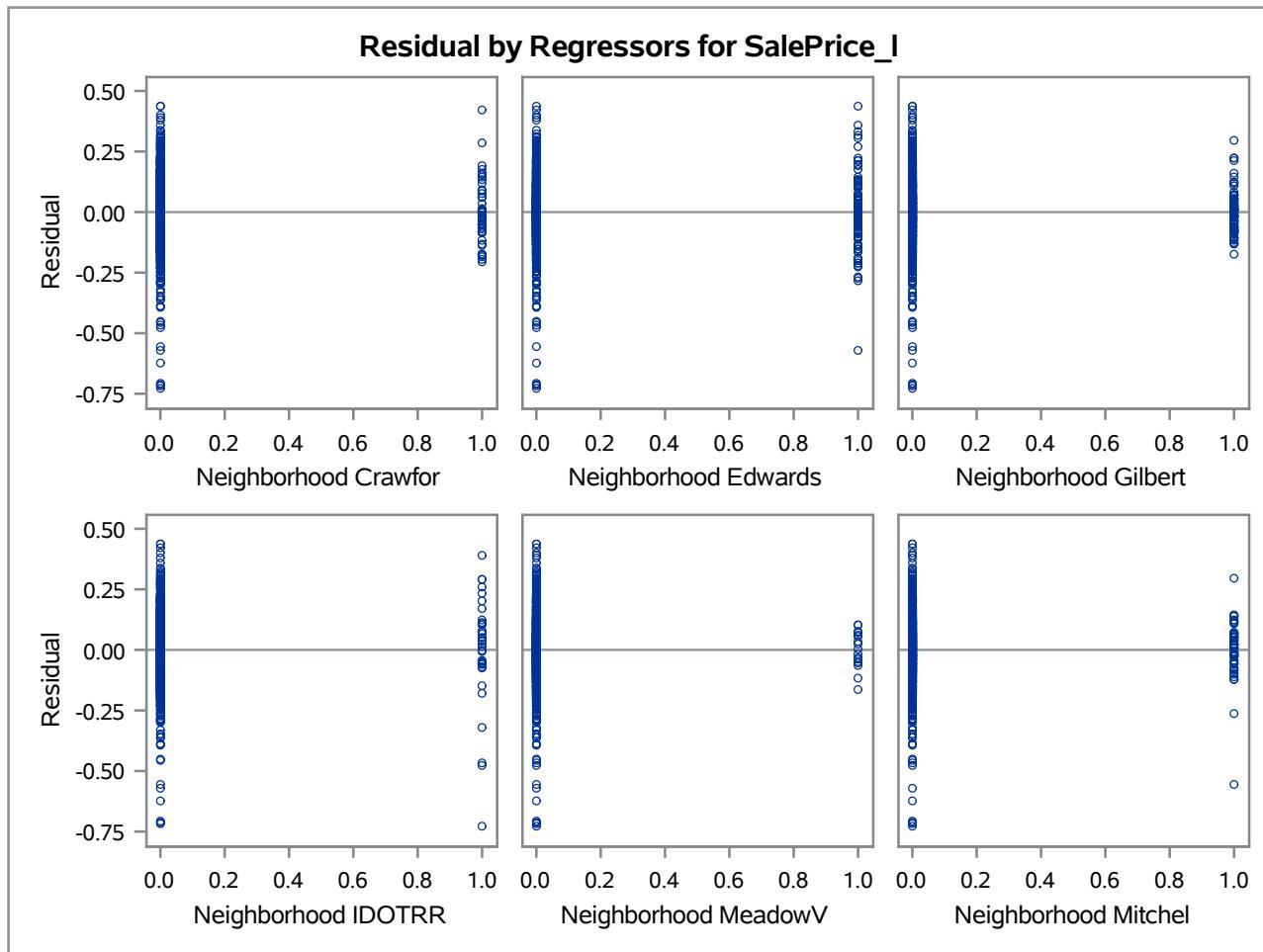


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

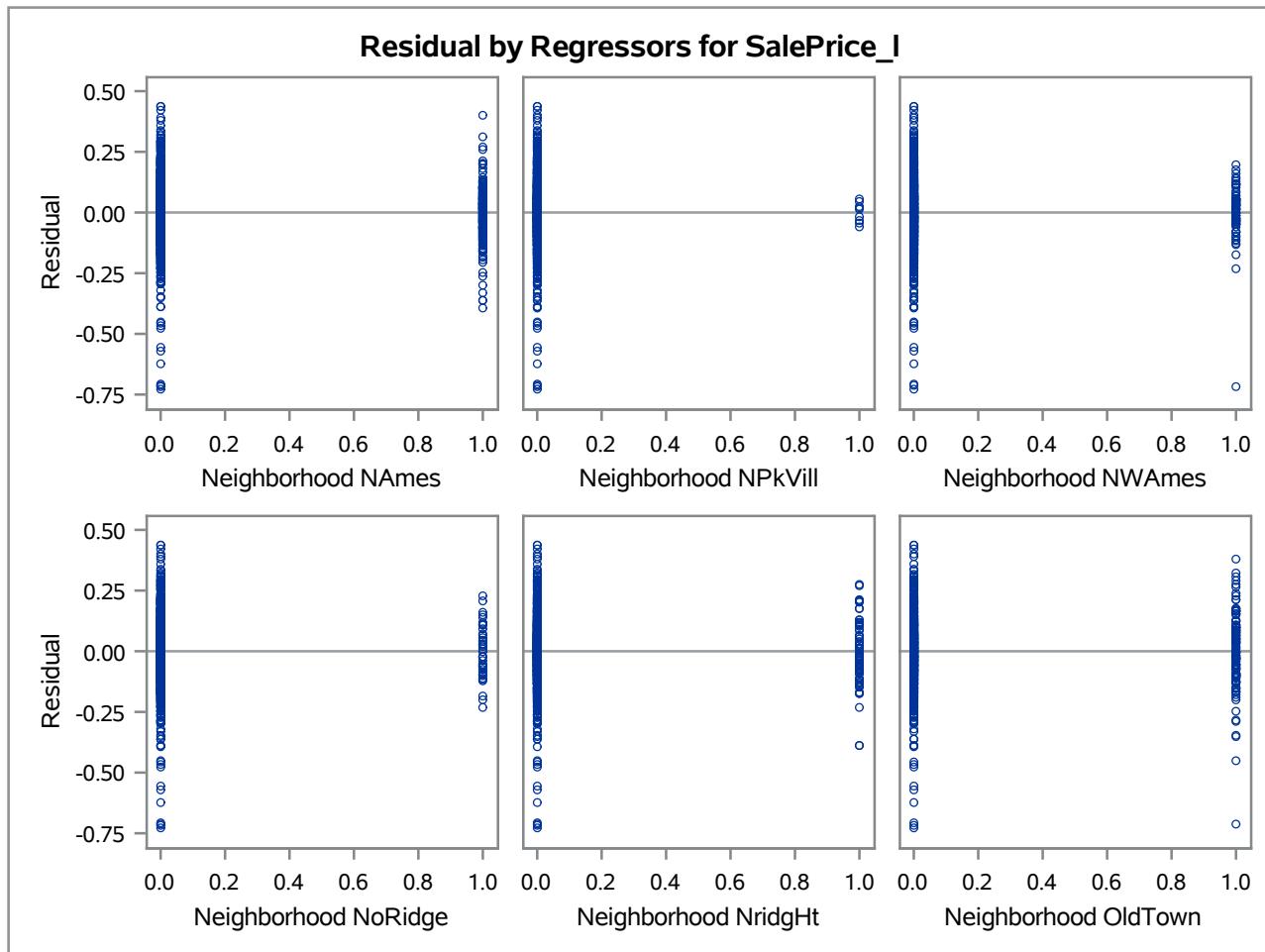


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

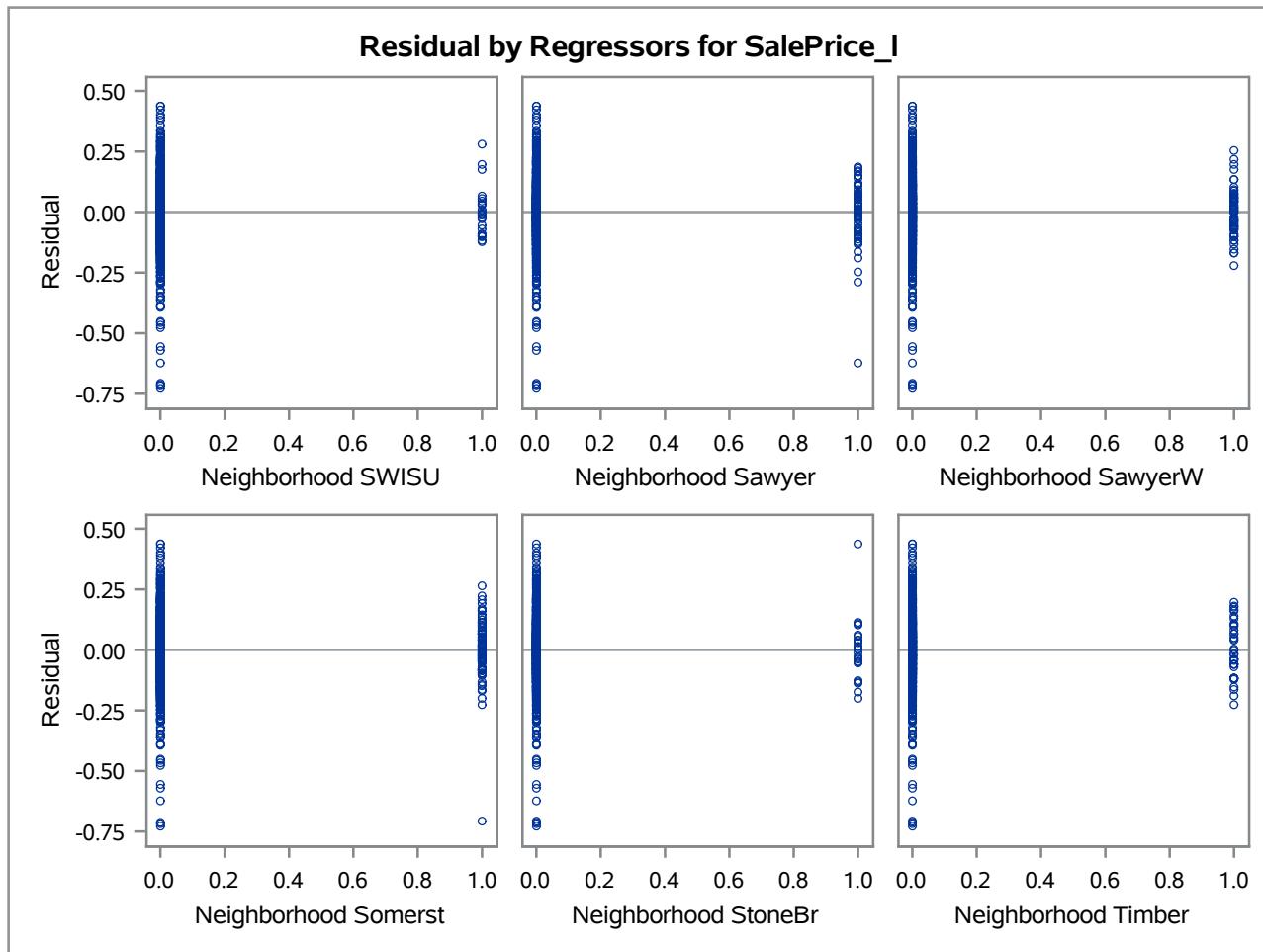


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

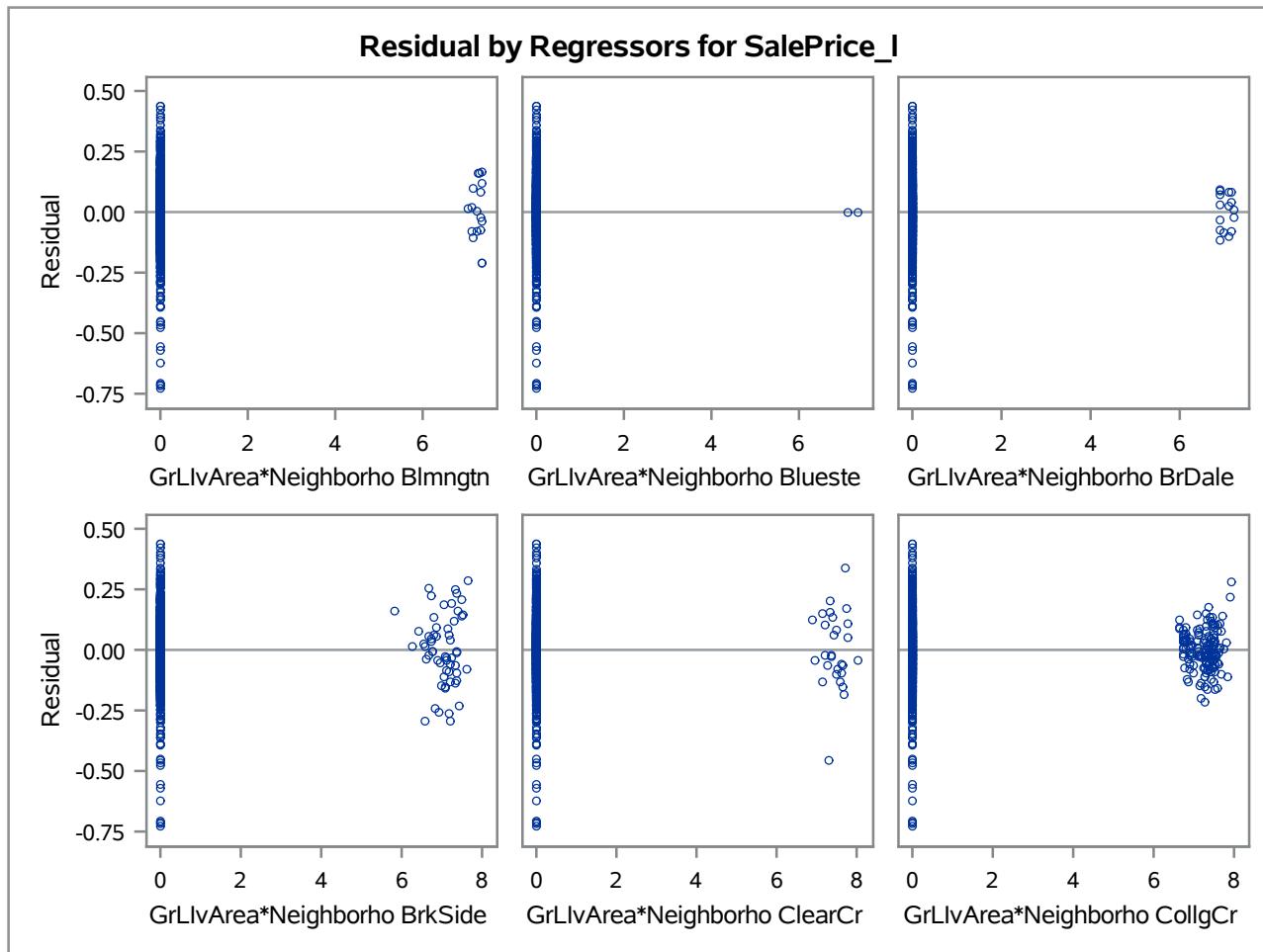


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

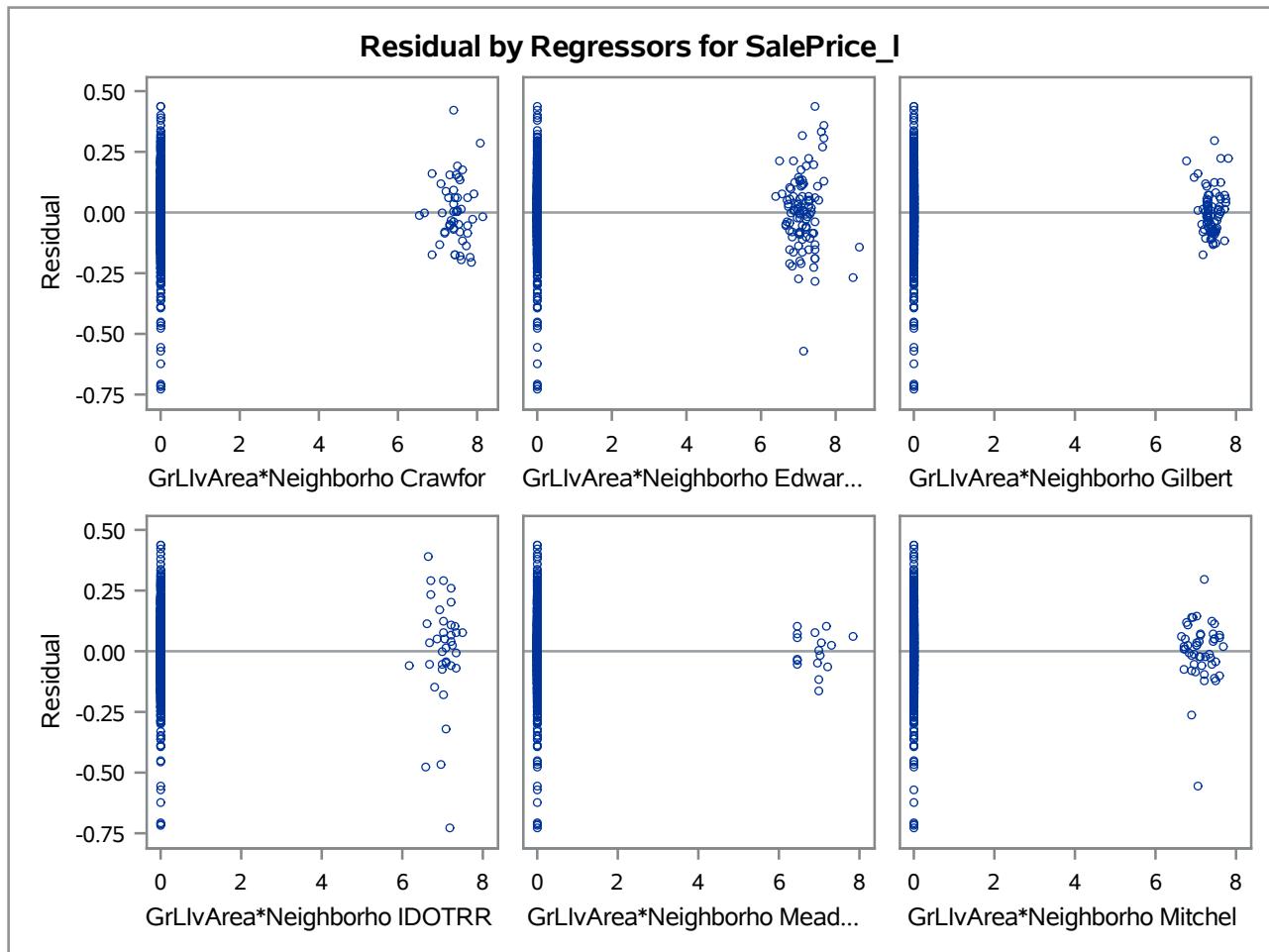


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

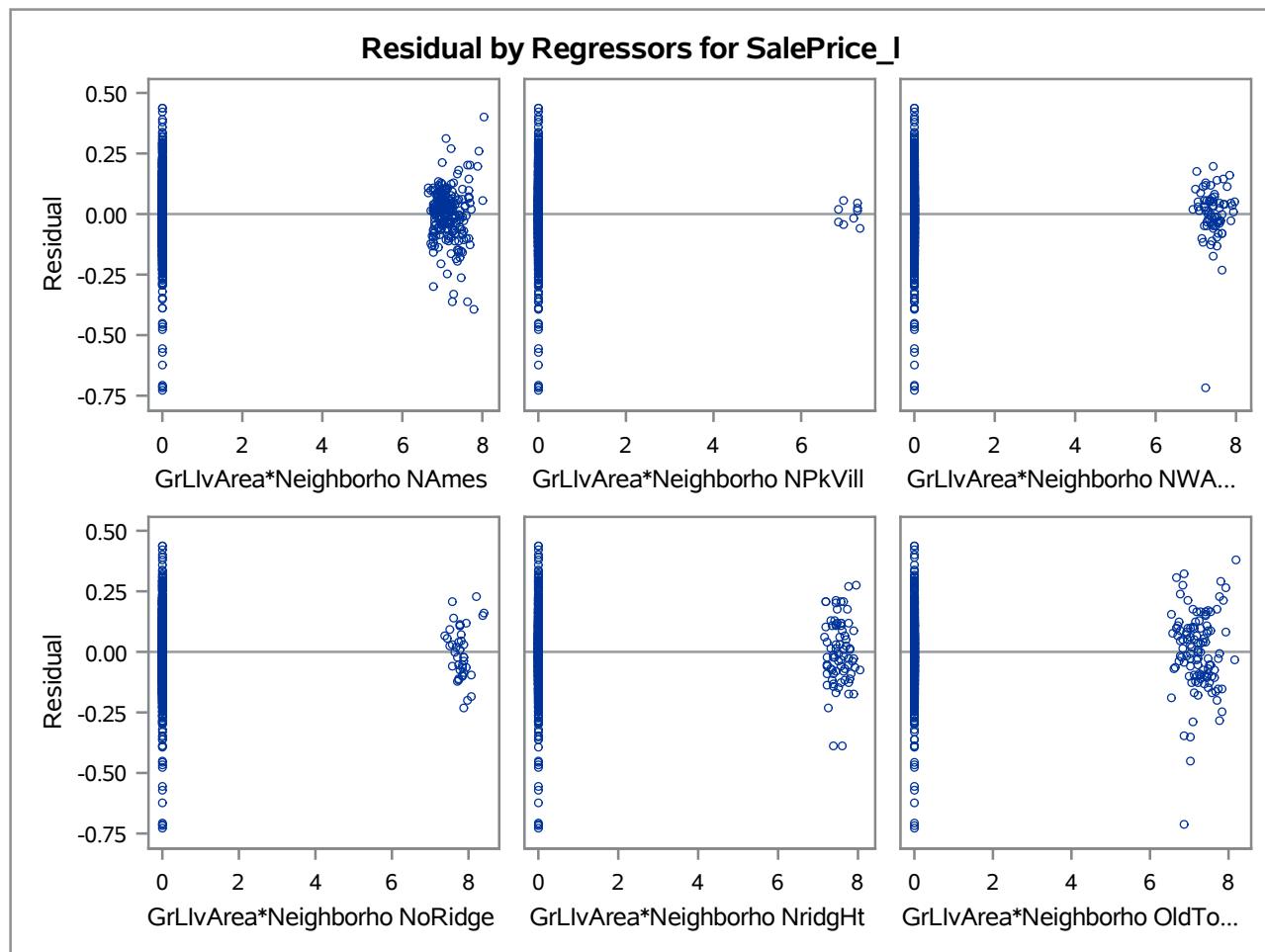


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

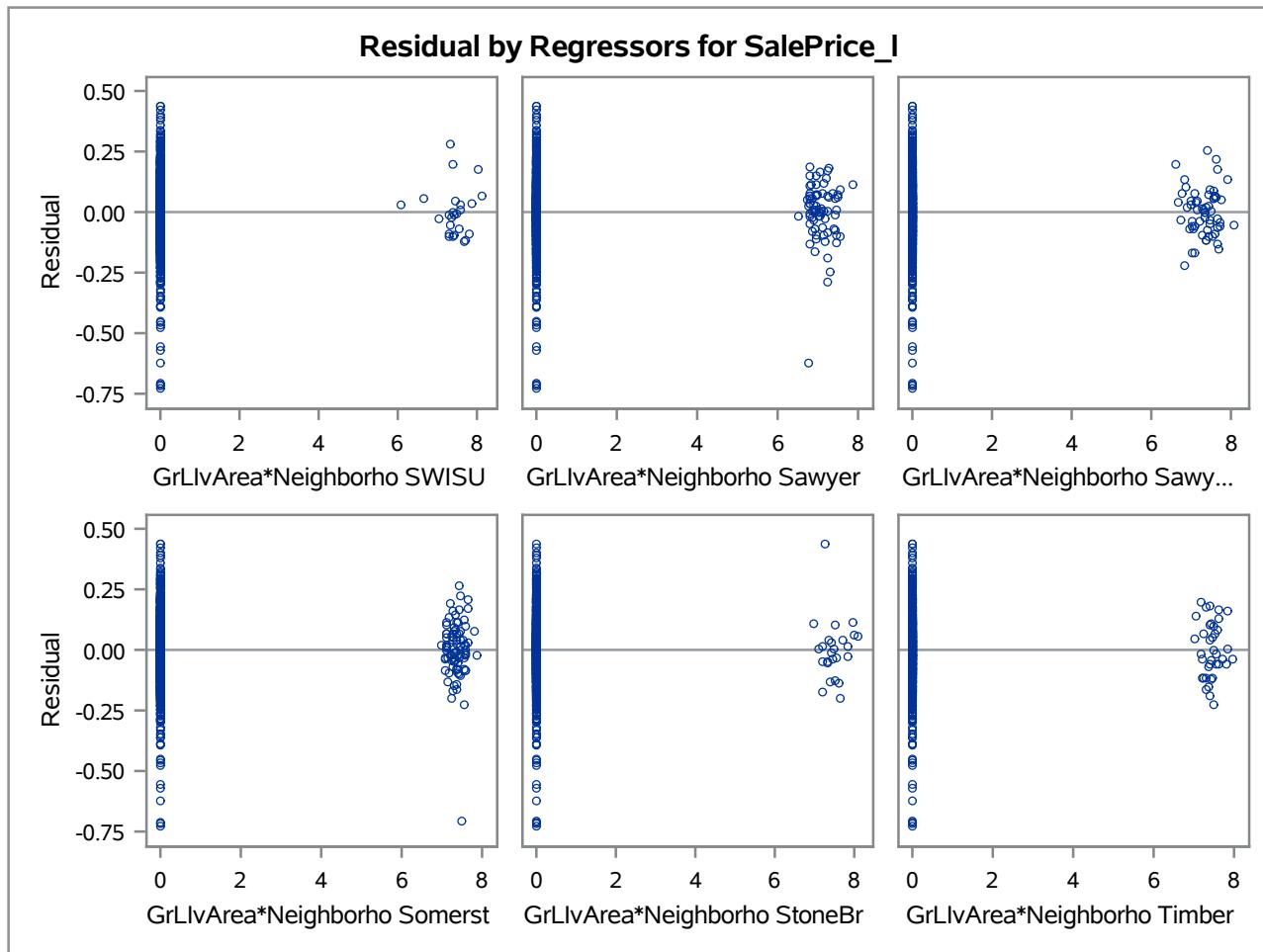


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

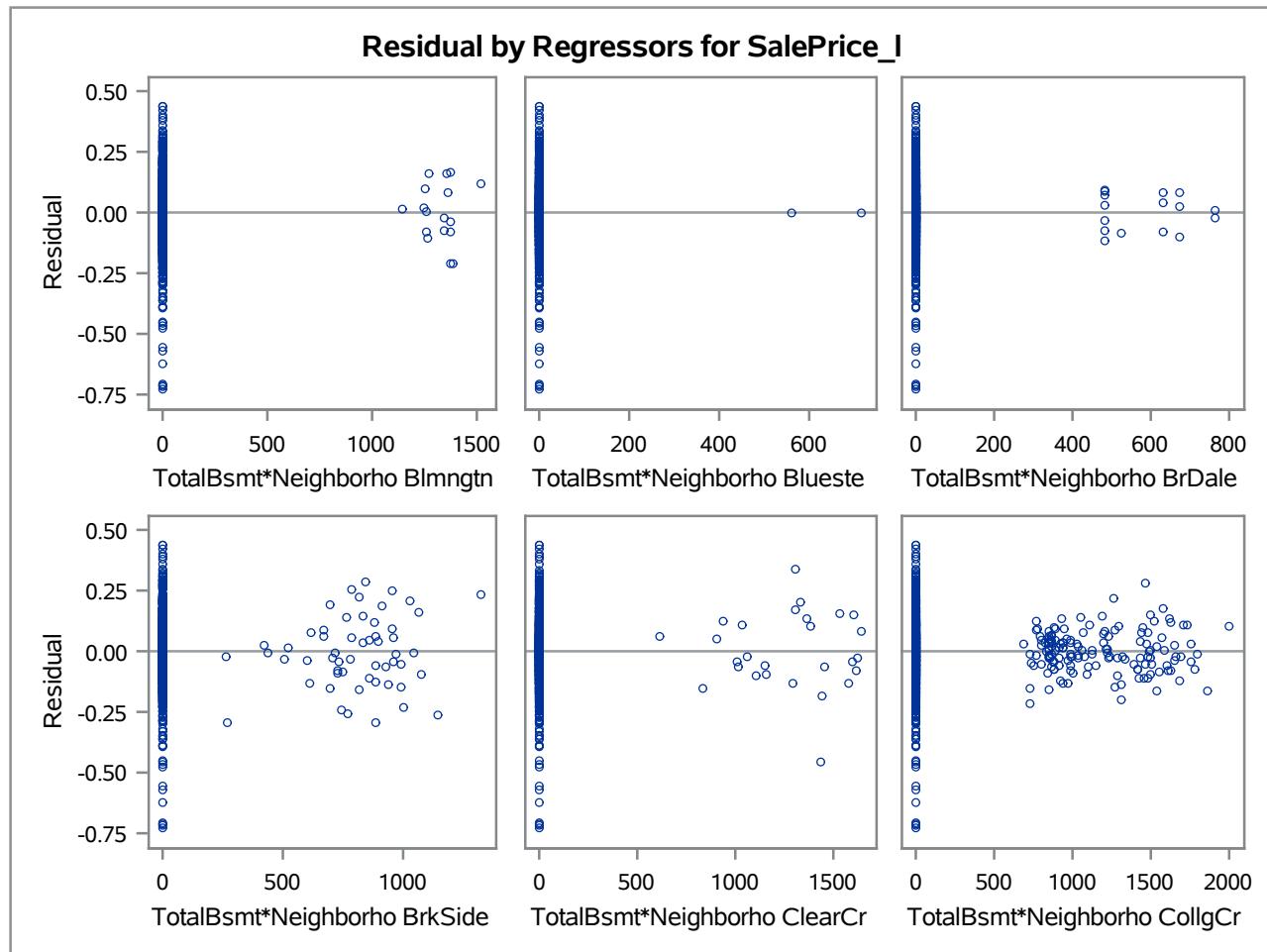


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

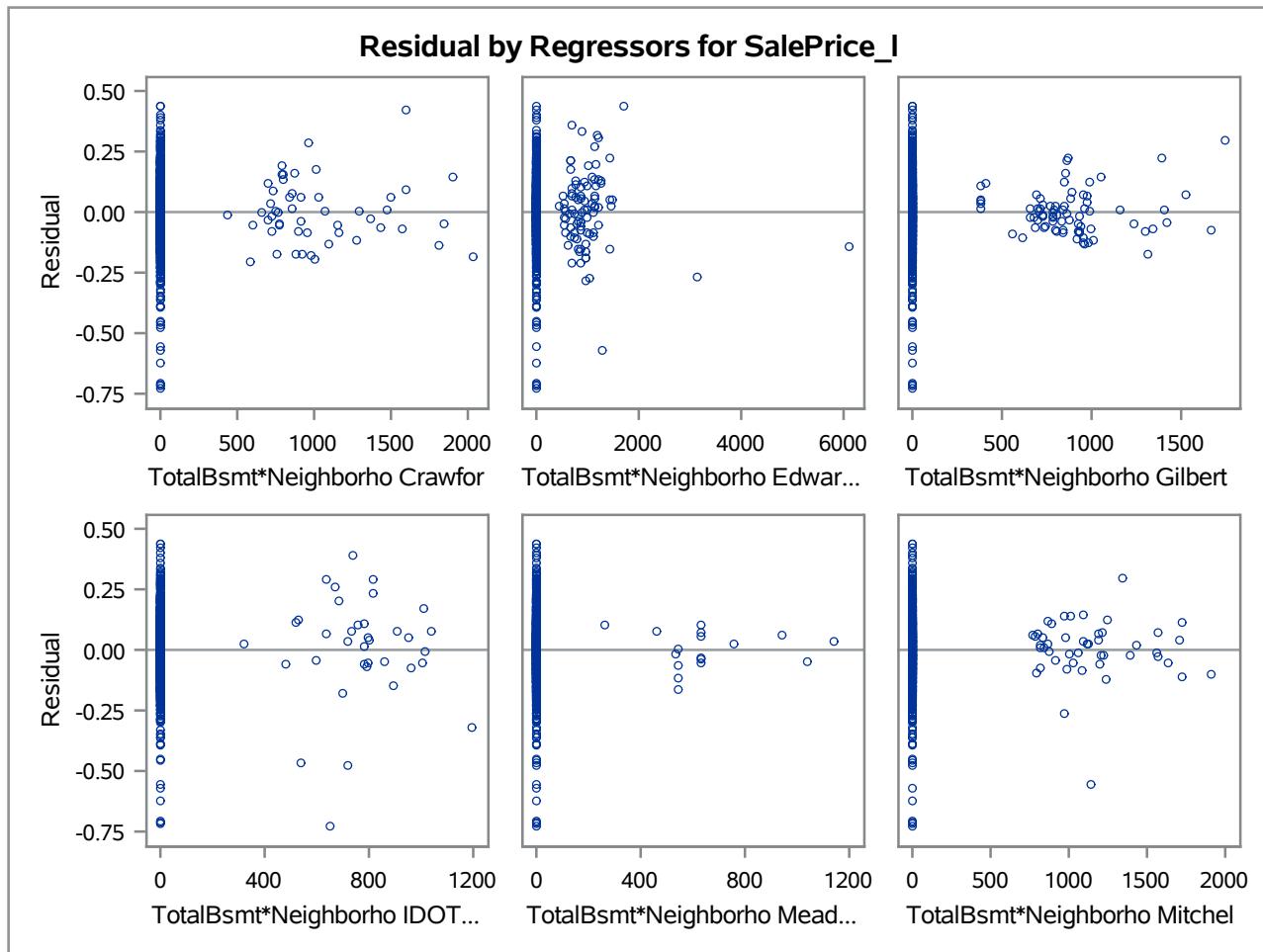


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

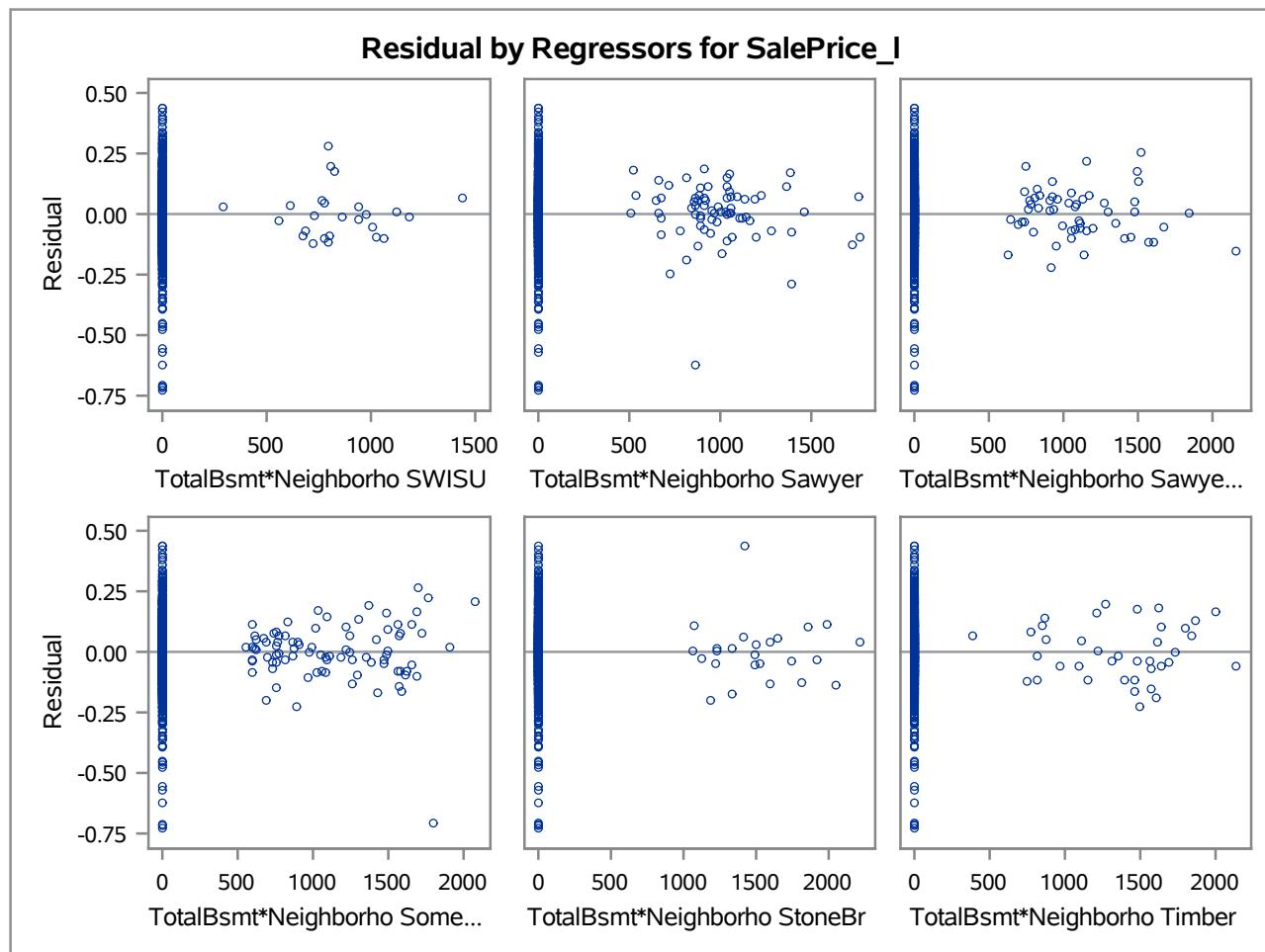


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

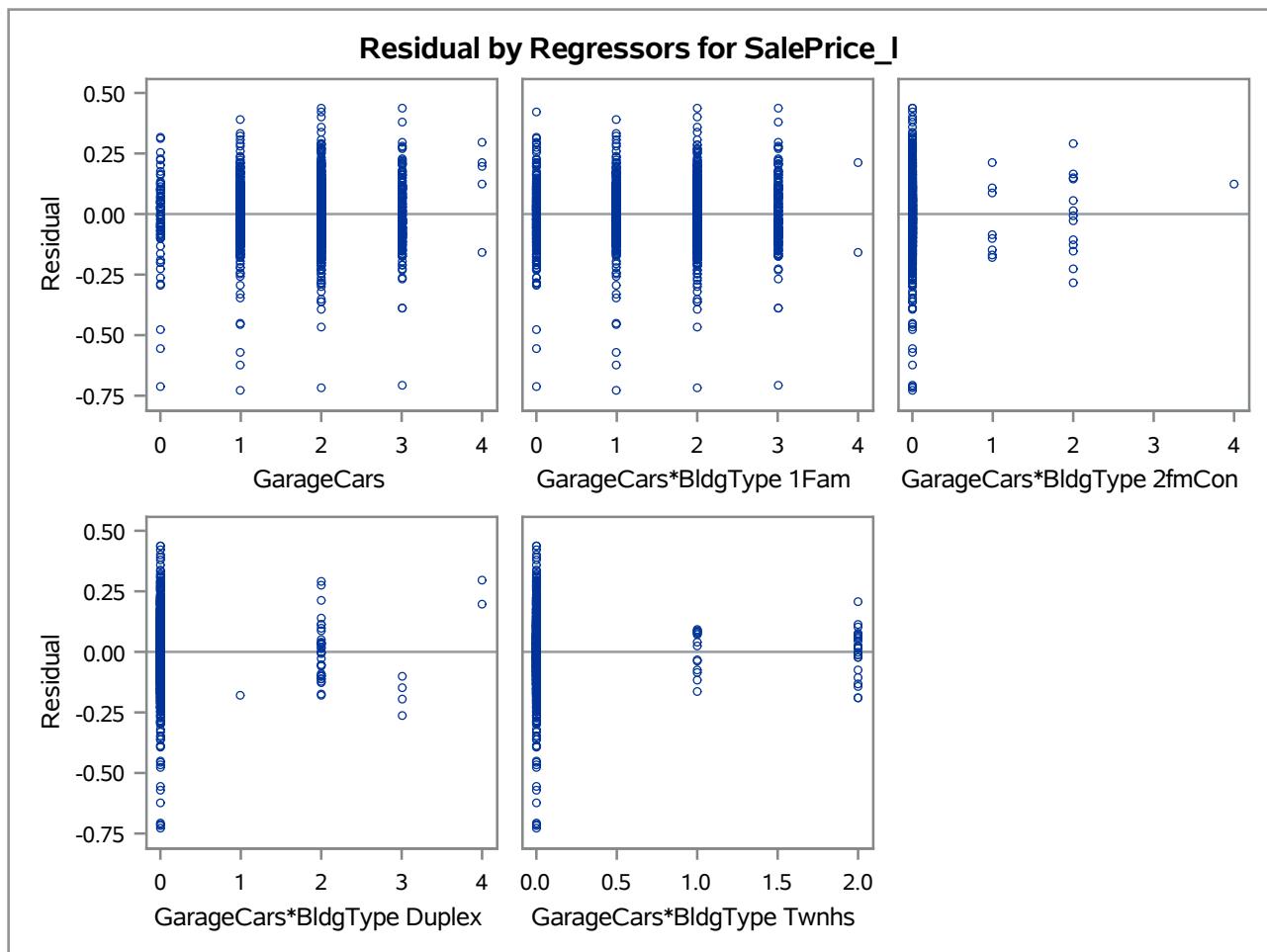


Forward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



Backward Selection Multiple Linear Regression

The GLMSELECT Procedure

Data Set	WORK.TRAIN_6
Dependent Variable	SalePrice_I
Selection Method	Backward
Select Criterion	Significance Level
Stop Criterion	Significance Level
Choose Criterion	Cross Validation
Stay Significance Level (SLS)	0.1
Cross Validation Method	Split
Cross Validation Fold	5
Effect Hierarchy Enforced	Single

Number of Observations Read	2919
Number of Observations Used	1452

Class Level Information

Class	Levels	Values
Neighborhood	25	Blmngtn Blueste BrDale BrkSide ClearCr CollgCr Crawfor Edwards Gilbert IDOTRR MeadowV Mitchel NAmes NPkVill NWAmes NoRidge NridgHt OldTown SWISU Sawyer SawyerW Somerst StoneBr Timber Veenker
LotConfig	5	Corner CulDSac FR2 FR3 Inside
BldgType	5	1Fam 2fmCon Duplex Twnhs TwnhsE
HouseStyle	8	1.5Fin 1.5Unf 1Story 2.5Fin 2.5Unf 2Story SFoyer SLv

Dimensions	
Number of Effects	92
Number of Parameters	868

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure

Backward Selection Summary								
Step	Effect Removed	Number Effects In	NumberParms In	Model R-Square	PRESS	CV PRESS	F Value	Pr > F
0		92	575	0.9503	95.2745	14069.1326		
1	LotArea*FullBath	91	574	0.9503	94.3635	14114.5016	0.00	0.9942
2	LotArea*LotConfig	90	571	0.9503	92.8057	13574.7513	0.03	0.9917
3	MasVnrArea*FullBath	89	570	0.9503	91.6347	13454.3561	0.00	0.9830
4	OverallCo*Fireplaces	88	569	0.9503	91.3181	13488.3323	0.00	0.9660
5	MasVnrArea*LotConfig	87	566	0.9503	91.0713	12716.0377	0.10	0.9587
6	LotConfig*HouseStyle	86	555	0.9500	83.8840	9466.0055	0.44	0.9366
7	GrLlvArea_*YearBuilt	85	554	0.9500	83.2611	9580.2739	0.01	0.9076
8	LotArea*BldgType	84	550	0.9500	68.4144	4706.3145	0.25	0.9087
9	OverallCo*MasVnrArea	83	549	0.9500	69.7522	4340.2047	0.02	0.8759
10	FullBath*HouseStyle	82	545	0.9499	67.2345	4566.8015	0.35	0.8476
11	YearBuilt*TotalBsmtS	81	544	0.9499	66.7382	4388.4980	0.03	0.8718
12	GrLlvArea*OverallCon	80	543	0.9499	65.8972	4150.1102	0.03	0.8566
13	YearBuilt*BldgType	79	539	0.9498	56.1595	3515.9197	0.35	0.8427
14	LotArea*MasVnrArea	78	538	0.9498	55.6994	3453.8385	0.05	0.8219
15	Neighborhood*LotConfig	77	497	0.9479	55.2053	1511.8311	0.84	0.7586
16	YearBuilt*Fireplaces	76	496	0.9479	54.7771	1495.4598	0.00	0.9591
17	LotArea*Fireplaces	75	495	0.9479	62.5979	1554.5548	0.01	0.9390
18	YearBuilt*MasVnrArea	74	494	0.9479	59.0023	1524.8843	0.04	0.8381
19	OverallCo*GarageCars	73	493	0.9479	58.0407	1588.2441	0.05	0.8231
20	OverallCon*YearBuilt	72	492	0.9479	54.9491	1531.2839	0.05	0.8272
21	OverallCo*HouseStyle	71	487	0.9478	112.8572	1938.3890	0.46	0.8039
22	FullBath*BldgType	70	483	0.9477	104.3565	738.5461	0.41	0.8039
23	TotalBsmt*HouseStyle	69	477	0.9475	67.2138	787.9475	0.54	0.7761
24	MasVnrArea*GarageCars	68	476	0.9475	67.9773	990.4983	0.08	0.7736
25	OverallCon*LotConfig	67	473	0.9475	60.8786	1257.8211	0.41	0.7443
26	FullBath*LotConfig	66	470	0.9474	60.3655	1367.1695	0.44	0.7260
27	GrLlvArea_*LotConfig	65	467	0.9473	59.7818	1268.3090	0.57	0.6347
28	TotalBsmtS*LotConfig	64	464	0.9472	58.4521	1667.6771	0.54	0.6564
29	GrLlvArea*GarageCars	63	463	0.9472	57.5715	1197.4785	0.28	0.5950
30	GrLlvArea*TotalBsmtS	62	462	0.9472	57.4963	1190.5309	0.29	0.5885
31	LotArea*GarageCars	61	461	0.9472	57.2147	1115.5024	0.30	0.5845
32	MasVnrArea*BldgType	60	458	0.9471	48.0034	892.2585	0.63	0.5953

* Optimal Value of Criterion

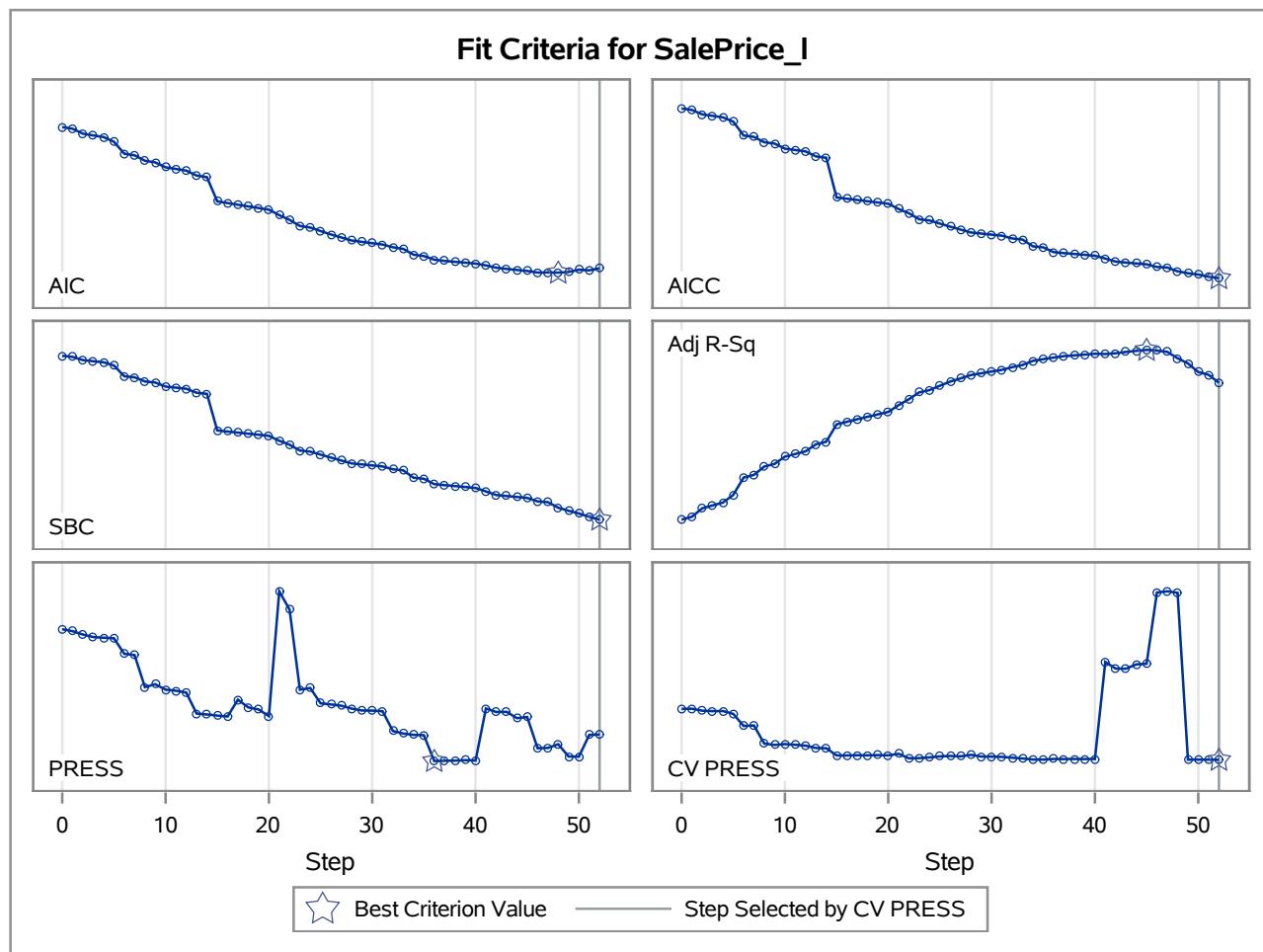
Backward Selection Multiple Linear Regression

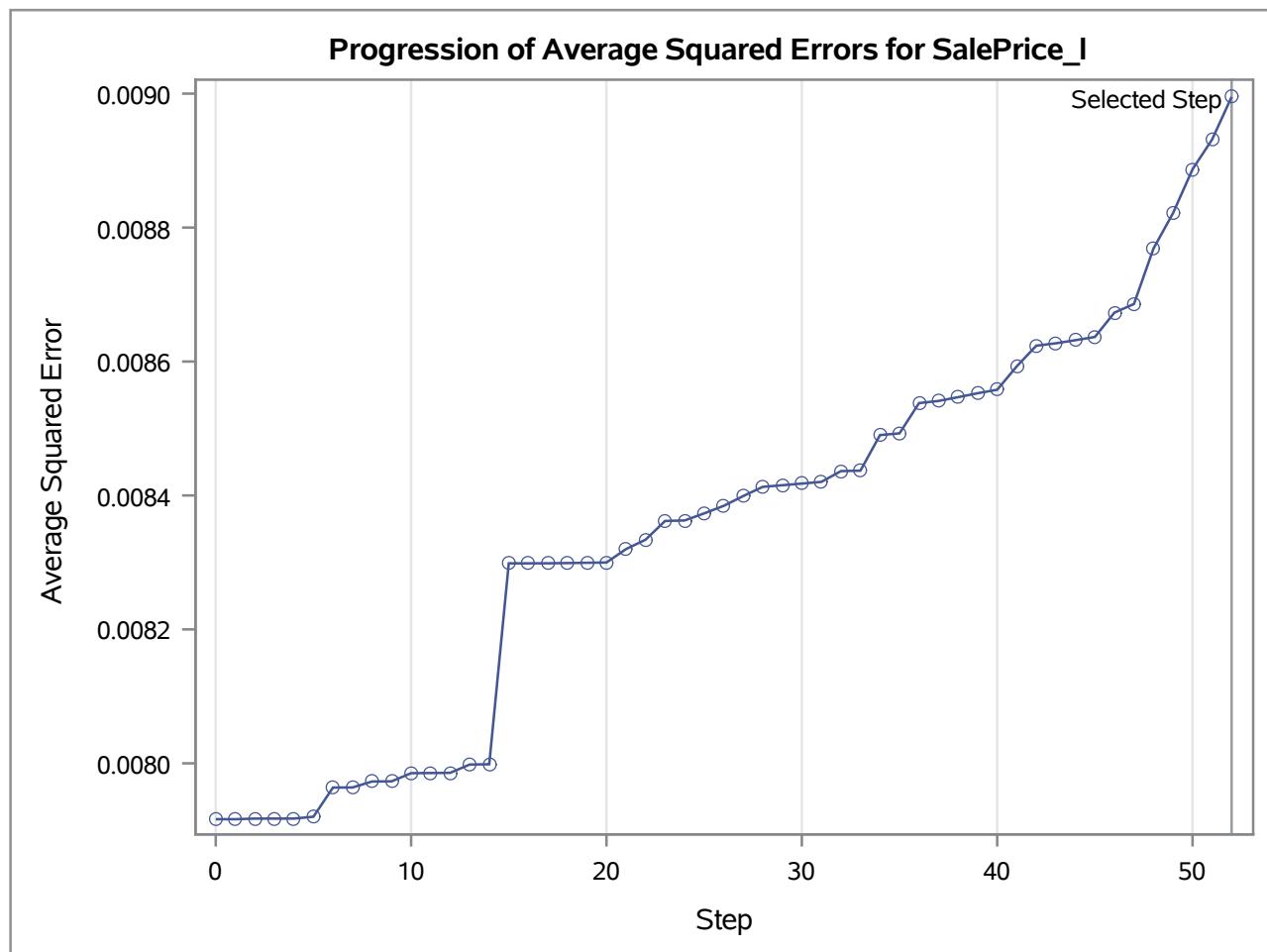
The GLMSELECT Procedure

Backward Selection Summary								
Step	Effect Removed	Number Effects In	NumberParms In	Model R-Square	PRESS	CV PRESS	F Value	Pr > F
33	MasVnrAre*Fireplaces	59	457	0.9471	46.8711	684.4321	0.08	0.7800
34	LotConfig*BldgType	58	449	0.9467	46.2535	401.2603	0.78	0.6166
35	LotArea*TotalBsmtSF	57	448	0.9467	46.1002	393.1784	0.29	0.5894
36	YearBuilt*HouseStyle	56	442	0.9464	34.1122*	560.3550	0.89	0.5002
37	YearBuilt*FullBath	55	441	0.9464	34.2215	534.8415	0.38	0.5404
38	FullBath*Fireplaces	54	440	0.9464	34.3011	552.2236	0.67	0.4136
39	OverallCond*FullBath	53	439	0.9463	34.5295	545.8736	0.70	0.4037
40	LotArea*OverallCond	52	438	0.9463	34.3243	543.8787	0.61	0.4345
41	GrLlvArea_I*BldgType	51	434	0.9461	58.4947	26720.7855	1.03	0.3890
42	MasVnrAre*HouseStyle	50	430	0.9459	56.8525	24946.2382	0.92	0.4537
43	MasVnrAre*TotalBsmtS	49	429	0.9459	56.9376	24898.8270	0.42	0.5162
44	FullBath*GarageCars	48	428	0.9458	54.0056	26066.2638	0.55	0.4588
45	TotalBsmtSF*FullBath	47	427	0.9458	54.5018	26230.9641	0.57	0.4488
46	TotalBsmtSF*BldgType	46	423	0.9456	40.0592	45464.3601	1.08	0.3658
47	GrLlvArea_I*LotArea	45	422	0.9455	40.1817	45778.7398	1.53	0.2168
48	GrLlvArea*HouseStyle	44	415	0.9450	41.9048	45369.3087	1.40	0.2007
49	OverallCond*BldgType	43	411	0.9447	36.2123	373.9870	1.56	0.1815
50	GarageCars*LotConfig	42	407	0.9442	36.1621	386.6046	1.93	0.1026
51	Fireplaces*LotConfig	41	403	0.9440	46.2345	365.8447	1.30	0.2671
52	Fireplaces*BldgType	40	399	0.9436	46.4232	324.6975*	1.87	0.1133
* Optimal Value of Criterion								

Selection stopped because the next candidate for removal has SLS < 0.1.

Stop Details				
Candidate For	Effect	Candidate Significance	Compare Significance	
Removal	YearBuilt*LotConfig	0.0732 <	0.1000	(SLS)

Backward Selection Multiple Linear Regression**The GLMSELECT Procedure**

Backward Selection Multiple Linear Regression**The GLMSELECT Procedure**

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

The selected model, based on Cross Validation, is the model at Step 52.

Effects:	Intercept GrLlvArea_I LotArea OverallCond YearBuilt LotArea*YearBuilt MasVnrArea GrLlvArea*MasVnrArea TotalBsmtSF OverallCo*TotalBsmtS FullBath GrLlvArea_!*FullBath Fireplaces GrLlvArea*Fireplaces TotalBsmt*Fireplaces LotConfig YearBuilt*LotConfig BldgType HouseStyle LotArea*HouseStyle Fireplace*HouseStyle BldgType*HouseStyle Neighborhood GrLlvArea*Neighborhood LotArea*Neighborhood OverallCo*Neighborhood YearBuilt*Neighborhood MasVnrAre*Neighborhood TotalBsmt*Neighborhood FullBath*Neighborhood Fireplace*Neighborhood Neighborhood*BldgType Neighborhood*HouseStyle GarageCars YearBuilt*GarageCars TotalBsmt*GarageCars Fireplace*GarageCars GarageCars*BldgType GarageCar*HouseStyle GarageCar*Neighborhood
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Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	398	218.36122	0.54865	44.23
Error	1053	13.06099	0.01240	
Corrected Total	1451	231.42221		

Root MSE	0.11137
Dependent Mean	12.02239
R-Square	0.9436
Adj R-Sq	0.9222
AIC	-4588.46975
AICC	-4283.23664
PRESS	46.42315
SBC	-3935.47157
CV PRESS	324.69748

Cross Validation Details			
Index	Observations		CV PRESS
	Fitted	Left Out	
1	1161	291	11.2271
2	1161	291	215.3340
3	1162	290	40.2261
4	1162	290	13.5705
5	1162	290	44.3398
Total			324.6975

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter Estimates										
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates					
					1	2	3	4	5	
Intercept	1	96.314017	446.284358	0.22	-3.98E+01	-4.93E+01	1.31E+02	-5.87E+01	-1.21E+02	
GrLlvArea_I	1	0.085091	3.846074	0.02	6.55E-01	-3.50E+00	-1.30E-01	1.09E+00	1.15E+00	
LotArea	1	0.000343	0.000129	2.66	4.72E-04	2.71E-04	2.66E-04	2.46E-04	3.23E-04	
OverallCond	1	-0.086853	0.598476	-0.15	1.45E-03	1.37E-01	-1.68E-01	9.66E-02	2.90E-01	
YearBuilt	1	-0.042454	0.209766	-0.20	2.39E-02	3.64E-02	-5.89E-02	3.18E-02	6.16E-02	
LotArea*YearBuilt	1	-0.000000150	5.8800469E-8	-2.56	-2.21E-07	-1.20E-07	-1.08E-07	-1.23E-07	-1.46E-07	
MasVnrArea	1	0.002346	0.003146	0.75	1.20E-03	1.43E-03	2.72E-03	1.54E-03	1.88E-03	
GrLlvArea*MasVnrArea	1	-0.000261	0.000097909	-2.67	-2.51E-04	-1.71E-04	-2.91E-04	-3.65E-04	-2.45E-04	
TotalBsmtSF	1	0.000330	0.001667	0.20	-1.38E-04	2.97E-03	3.43E-04	-1.90E-04	3.11E-04	
OverallCo*TotalBsmtS	1	0.000025014	0.000011237	2.23	2.55E-05	3.03E-05	4.31E-05	2.22E-05	8.42E-06	
FullBath	1	-0.441449	1.257404	-0.35	-4.46E-01	-7.67E-01	-6.88E-01	-9.10E-01	-3.83E-01	
GrLlvArea_I*FullBath	1	0.090456	0.036255	2.50	7.74E-02	8.28E-02	1.39E-01	1.05E-01	6.22E-02	
Fireplaces	1	-0.969370	0.417132	-2.32	-1.09E+00	-7.19E-01	-8.93E-01	-9.49E-01	-9.06E-01	
GrLlvArea*Fireplaces	1	0.122202	0.038810	3.15	1.28E-01	1.09E-01	1.09E-01	1.43E-01	1.25E-01	
TotalBsmt*Fireplaces	1	-0.000056673	0.000018666	-3.04	-4.31E-05	-6.00E-05	-8.28E-05	-5.47E-05	-4.77E-05	
LotConfig	Corner	1	1.582080	0.583878	2.71	1.61E+00	1.69E+00	1.54E+00	1.76E+00	1.38E+00
LotConfig	CulDSac	1	-1.642044	1.876507	-0.88	-1.47E+00	-3.84E-01	-1.61E+00	-1.88E+00	-2.20E+00
LotConfig	FR2	1	0.861245	1.517619	0.57	-9.10E-01	1.24E+00	-1.79E-01	1.88E+00	1.80E+00
LotConfig	FR3	1	1.560319	3.959986	0.39	1.25E+00	-4.81E+00	1.62E+00	4.45E+00	7.23E+01
YearBuilt*LotConfig	Corner	1	-0.000794	0.000297	-2.68	-8.11E-04	-8.46E-04	-7.76E-04	-8.84E-04	-6.91E-04
YearBuilt*LotConfig	CulDSac	1	0.000836	0.000946	0.88	7.45E-04	2.05E-04	8.14E-04	9.51E-04	1.12E-03
YearBuilt*LotConfig	FR2	1	-0.000449	0.000765	-0.59	4.38E-04	-6.36E-04	8.06E-05	-9.67E-04	-9.19E-04
YearBuilt*LotConfig	FR3	1	-0.000778	0.001993	-0.39	-6.26E-04	2.43E-03	-8.00E-04	-2.25E-03	-3.61E-02
BldgType	1Fam	1	-1.353964	3.652900	-0.37	-2.06E-01	9.48E+00	-1.93E+00	-9.84E-02	-1.05E-01
BldgType	2fmCon	1	-0.139029	0.257799	-0.54	7.45E-01	9.40E+00	-3.37E-02	-1.45E-01	-2.00E-01
BldgType	Duplex	1	-0.297075	0.295601	-1.00	-2.70E-02	9.33E+00	-5.06E-01	-6.09E-01	-2.79E-01
BldgType	Twnhs	1	-1.997268	2.329400	-0.86	5.28E-02	1.82E+01	4.63E+00	1.79E+00	-5.74E+00
HouseStyle	1.5Fin	1	0.016514	0.233484	0.07	-2.72E-01	2.09E-02	-1.45E-01	1.28E-01	-3.81E-03
HouseStyle	1.5Unf	1	-0.891535	3.697916	-0.24	-8.18E-01	3.65E-01	-1.10E+00	8.16E-01	-5.18E-01
HouseStyle	1Story	1	-0.151692	0.985984	-0.15	-1.02E-01	9.34E+00	-4.84E-01	-9.07E-02	2.87E-02
HouseStyle	2.5Fin	1	-1.094597	3.911924	-0.28	1.54E-01	1.43E+00	-1.77E+00	3.49E-01	3.04E-01
HouseStyle	2.5Unf	1	-0.615346	3.678361	-0.17	-3.33E-01	6.96E-01	-1.27E+00	-5.54E-01	3.80E-01
HouseStyle	2Story	1	-0.126914	0.208512	-0.61	-1.48E-01	9.29E+00	-3.30E-01	-2.45E-01	-2.15E-02

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter Estimates										
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates					
					1	2	3	4	5	
HouseStyle SFoyer	1	-0.149893	0.270492	-0.55	5.79E-02	-2.04E-01	-2.48E-01	-1.35E-01	-7.88E-02	
LotArea*HouseStyle 1.5Fin	1	-0.000022403	0.000006956	-3.22	-1.36E-05	-2.67E-05	-2.53E-05	-1.87E-05	-1.33E-05	
LotArea*HouseStyle 1.5Unf	1	0.000005657	0.000038123	0.15	-3.29E-05	2.78E-06	1.72E-05	-1.72E-04	1.74E-05	
LotArea*HouseStyle 1Story	1	-0.000018738	0.000006697	-2.80	-1.20E-05	-2.25E-05	-2.18E-05	-1.74E-05	-9.50E-06	
LotArea*HouseStyle 2.5Fin	1	0.000078546	0.000120	0.66	-3.51E-05	-1.49E-05	5.62E-05	-4.69E-05	3.95E-05	
LotArea*HouseStyle 2.5Unf	1	0.000019563	0.000026190	0.75	8.75E-06	2.23E-05	-5.80E-06	6.50E-05	7.27E-05	
LotArea*HouseStyle 2Story	1	-0.000025344	0.000006876	-3.69	-1.75E-05	-2.70E-05	-3.03E-05	-2.52E-05	-1.85E-05	
LotArea*HouseStyle SFoyer	1	-0.000032085	0.000014439	-2.22	-2.59E-05	-3.49E-05	-1.41E-05	-3.47E-05	-2.06E-05	
Fireplace*HouseStyle 1.5Fin	1	-0.088389	0.039798	-2.22	-1.01E-01	-7.47E-02	-6.42E-02	-8.13E-02	-1.00E-01	
Fireplace*HouseStyle 1.5Unf	1	-0.131071	0.095716	-1.37	-7.73E-02	-1.25E-01	-1.46E-01	3.70E-01	-1.51E-01	
Fireplace*HouseStyle 1Story	1	0.047785	0.030690	1.56	5.11E-02	5.44E-02	5.81E-02	4.97E-02	3.63E-02	
Fireplace*HouseStyle 2.5Fin	1	-0.274257	0.448464	-0.61	1.55E-01	4.46E-02	-9.31E-02	1.52E-01	-1.84E-01	
Fireplace*HouseStyle 2.5Unf	1	-0.006278	0.098457	-0.06	2.10E-02	-2.77E-01	9.52E-02	-3.67E-02	-9.64E-02	
Fireplace*HouseStyle 2Story	1	-0.009513	0.034631	-0.27	-1.89E-03	-1.85E-02	-2.16E-03	-3.73E-03	-1.70E-02	
Fireplace*HouseStyle SFoyer	1	0.027067	0.050993	0.53	3.04E-02	2.99E-02	7.49E-02	1.13E-02	2.32E-03	
BldgType*HouseStyle 1Fam 1.5Fin	1	0.105485	0.158273	0.67	3.79E-01	8.83E-02	1.83E-01	1.99E-01	1.29E-01	
BldgType*HouseStyle 1Fam 1.5Unf	1	0.383543	3.672416	0.10	6.93E-01	-7.72E-01	9.72E-01	2.36E-01	0.00E+00	
BldgType*HouseStyle 1Fam 1Story	1	0.289956	0.168071	1.73	2.61E-01	-9.11E+00	4.93E-01	2.41E-01	1.51E-01	
BldgType*HouseStyle 1Fam 2.5Fin	1	0.909367	3.823471	0.24	-2.33E-01	-1.38E+00	1.66E+00	0.00E+00	-4.58E-01	
BldgType*HouseStyle 1Fam 2.5Unf	1	0.388443	3.665520	0.11	3.46E-01	-8.79E-01	1.18E+00	6.26E-02	-5.48E-01	
BldgType*HouseStyle 1Fam 2Story	1	0.484491	0.159037	3.05	4.50E-01	-8.93E+00	6.19E-01	4.64E-01	4.08E-01	
BldgType*HouseStyle 1Fam SFoyer	1	0.362015	0.179091	2.02	3.41E-01	3.85E-01	1.71E-01	3.93E-01	3.46E-01	
BldgType*HouseStyle 2fmCon 1.5Fin	1	-0.228630	3.666766	-0.06	2.29E-01	1.09E+00	-8.57E-01	4.41E-01	5.24E-01	
BldgType*HouseStyle 2fmCon 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
BldgType*HouseStyle 2fmCon 1Story	1	0.099131	3.668083	0.03	1.92E-01	-7.94E+00	-4.03E-01	8.11E-01	5.65E-01	
BldgType*HouseStyle 2fmCon 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
BldgType*HouseStyle 2fmCon 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
BldgType*HouseStyle 2fmCon 2Story	1	0.018580	3.667360	0.01	0.00E+00	-7.97E+00	-6.32E-01	5.07E-01	6.56E-01	
BldgType*HouseStyle 2fmCon SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
BldgType*HouseStyle Duplex 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
BldgType*HouseStyle Duplex 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
BldgType*HouseStyle Duplex 1Story	1	0.187384	0.200730	0.93	-1.19E-01	-9.23E+00	3.39E-01	1.22E-01	7.03E-02	
BldgType*HouseStyle Duplex 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
BldgType*HouseStyle Duplex 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BldgType*HouseStyle Duplex 2Story	1	0.464867	0.197832	2.35	1.50E-01	-8.99E+00	4.86E-01	4.56E-01	4.63E-01
BldgType*HouseStyle Duplex SFoyer	1	0.343619	0.215408	1.60	0.00E+00	3.29E-01	1.17E-01	3.84E-01	4.03E-01
BldgType*HouseStyle Twnhs 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BldgType*HouseStyle Twnhs 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BldgType*HouseStyle Twnhs 1Story	1	1.425426	2.102863	0.68	-4.96E-01	-1.92E+01	-5.40E+00	-1.88E+00	5.96E+00
BldgType*HouseStyle Twnhs 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BldgType*HouseStyle Twnhs 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BldgType*HouseStyle Twnhs 2Story	1	1.506333	2.099163	0.72	-3.99E-01	-1.90E+01	-5.38E+00	-1.77E+00	6.05E+00
BldgType*HouseStyle Twnhs SFoyer	1	1.837238	1.782008	1.03	0.00E+00	-1.07E+01	-4.02E+00	1.01E+00	6.17E+00
Neighborhood Blmgtn	1	44.635524	452.262890	0.10	1.79E+02	1.84E+02	2.00E+01	2.69E+02	2.67E+02
Neighborhood Blueste	1	4.432979	17.608947	0.25	8.73E-01	-1.79E+01	0.00E+00	-1.63E+00	8.33E+00
Neighborhood BrDale	1	-117.057218	461.376027	-0.25	-3.28E+01	5.93E+00	-2.50E+02	-6.35E+00	3.73E+02
Neighborhood BrkSide	1	-87.396345	442.653880	-0.20	4.75E+01	4.82E+01	-1.21E+02	6.61E+01	1.27E+02
Neighborhood ClearCr	1	-83.790454	442.650881	-0.19	5.84E+01	4.21E+01	-1.15E+02	6.88E+01	1.34E+02
Neighborhood CollgCr	1	-95.722468	446.308570	-0.21	3.84E+01	3.68E+01	-1.27E+02	6.13E+01	1.23E+02
Neighborhood Crawfor	1	-92.748403	446.275598	-0.21	4.05E+01	4.46E+01	-1.30E+02	6.33E+01	1.28E+02
Neighborhood Edwards	1	-97.614203	446.258092	-0.22	3.60E+01	4.64E+01	-1.30E+02	5.89E+01	1.21E+02
Neighborhood Gilbert	1	-96.348708	442.643213	-0.22	3.53E+01	3.60E+01	-1.30E+02	6.18E+01	1.21E+02
Neighborhood IDOTRR	1	-102.737748	446.272083	-0.23	2.77E+01	3.21E+01	-1.37E+02	5.57E+01	1.11E+02
Neighborhood MeadowV	1	-77.752802	450.184391	-0.17	5.10E+01	8.02E+01	-9.48E+01	3.31E+01	1.47E+02
Neighborhood Mitchel	1	-89.076366	446.304406	-0.20	3.90E+01	4.98E+01	-1.23E+02	6.88E+01	1.31E+02
Neighborhood NAmes	1	-90.245948	446.293849	-0.20	4.46E+01	4.49E+01	-1.24E+02	6.57E+01	1.29E+02
Neighborhood NPkVill	1	-57.334815	466.746639	-0.12	1.74E+02	6.90E+01	-5.39E+01	-6.98E+01	3.54E+02
Neighborhood NWAmes	1	-100.592075	446.279195	-0.23	3.69E+01	3.32E+01	-1.39E+02	5.44E+01	1.22E+02
Neighborhood NoRidge	1	-95.773628	443.204357	-0.22	4.31E+01	4.28E+01	-1.28E+02	6.51E+01	1.09E+02
Neighborhood NridgHt	1	-157.054413	443.565533	-0.35	-2.48E+01	-5.90E+00	-1.94E+02	8.11E+00	5.68E+01
Neighborhood OldTown	1	-95.512972	446.265360	-0.21	3.91E+01	3.84E+01	-1.28E+02	6.15E+01	1.24E+02
Neighborhood SWISU	1	-105.093764	442.718953	-0.24	2.33E+01	2.15E+01	-1.34E+02	7.33E+01	1.15E+02
Neighborhood Sawyer	1	-97.040811	446.274772	-0.22	3.78E+01	3.73E+01	-1.32E+02	5.91E+01	1.20E+02
Neighborhood SawyerW	1	-95.578456	446.280852	-0.21	4.80E+01	3.85E+01	-1.32E+02	6.04E+01	1.24E+02
Neighborhood Somerst	1	-104.843163	446.361475	-0.23	2.77E+01	1.91E+01	-1.48E+02	5.33E+01	1.22E+02
Neighborhood StoneBr	1	-110.209972	446.312383	-0.25	3.81E+01	1.95E+01	-1.40E+02	4.15E+01	9.65E+01

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Parameter Estimates										
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates					
					1	2	3	4	5	
Neighborhood Timber	1	-120.798661	442.821327	-0.27	1.41E+01	1.04E+01	-1.57E+02	3.22E+01	9.95E+01	
GrLlvArea*Neighborhood Blmngtn	1	-0.481184	3.909749	-0.12	-1.01E+00	3.04E+00	-6.75E-01	6.99E-01	-1.59E+00	
GrLlvArea*Neighborhood Blueste	1	-0.711661	2.764173	-0.26	-1.33E-01	2.82E+00	0.00E+00	2.07E-01	-1.07E+00	
GrLlvArea*Neighborhood BrDale	1	-0.515033	4.964486	-0.10	-1.15E+00	3.91E+00	3.41E+00	-4.62E-01	-5.37E+00	
GrLlvArea*Neighborhood BrkSide	1	0.142523	3.846422	0.04	-4.16E-01	3.62E+00	3.60E-01	-8.74E-01	-9.16E-01	
GrLlvArea*Neighborhood ClearCr	1	-0.178519	3.857340	-0.05	-6.23E-01	3.64E+00	7.79E-02	-1.22E+00	-1.20E+00	
GrLlvArea*Neighborhood CollgCr	1	0.314217	3.848707	0.08	-1.15E-01	3.85E+00	2.91E-01	-6.04E-01	-6.94E-01	
GrLlvArea*Neighborhood Crawfor	1	0.257401	3.846730	0.07	-2.88E-01	3.88E+00	5.67E-01	-8.19E-01	-7.94E-01	
GrLlvArea*Neighborhood Edwards	1	0.004385	3.844630	0.00	-5.88E-01	3.63E+00	1.03E-01	-1.04E+00	-9.27E-01	
GrLlvArea*Neighborhood Gilbert	1	0.134373	3.845455	0.03	-4.17E-01	3.75E+00	3.16E-01	-9.58E-01	-8.53E-01	
GrLlvArea*Neighborhood IDOTRR	1	0.623916	3.848496	0.16	2.97E-02	4.31E+00	6.32E-01	-1.07E-01	-2.79E-01	
GrLlvArea*Neighborhood MeadowV	1	1.864012	4.411312	0.42	9.53E-01	-9.18E+00	-9.62E+00	1.01E-01	1.00E+01	
GrLlvArea*Neighborhood Mitchel	1	0.034101	3.847166	0.01	-5.74E-01	3.61E+00	3.50E-01	-1.05E+00	-8.90E-01	
GrLlvArea*Neighborhood NAmes	1	0.092648	3.844798	0.02	-4.74E-01	3.68E+00	2.83E-01	-9.32E-01	-9.49E-01	
GrLlvArea*Neighborhood NPkVill	1	-0.148302	4.285629	-0.03	-8.81E-02	3.14E+00	5.90E-01	9.12E+00	-1.42E+01	
GrLlvArea*Neighborhood NWAmes	1	0.098473	3.843635	0.03	-4.77E-01	3.66E+00	3.19E-01	-9.03E-01	-9.32E-01	
GrLlvArea*Neighborhood NoRidge	1	0.126081	3.858152	0.03	-5.27E-01	3.42E+00	3.08E-01	-9.85E-01	-7.18E-01	
GrLlvArea*Neighborhood NridgHt	1	0.583010	3.848777	0.15	-2.24E-01	3.95E+00	6.83E-01	-3.92E-01	-8.96E-02	
GrLlvArea*Neighborhood OldTown	1	0.354531	3.845009	0.09	-1.97E-01	3.98E+00	5.34E-01	-5.90E-01	-7.81E-01	
GrLlvArea*Neighborhood SWISU	1	0.407596	3.847052	0.11	-1.98E-01	4.15E+00	5.66E-01	-1.11E+00	-6.92E-01	
GrLlvArea*Neighborhood Sawyer	1	-0.032278	3.845260	-0.01	-5.37E-01	3.39E+00	2.23E-01	-9.74E-01	-9.20E-01	
GrLlvArea*Neighborhood SawyerW	1	0.008628	3.849490	0.00	-4.56E-01	3.42E+00	2.20E-01	-7.92E-01	-8.92E-01	
GrLlvArea*Neighborhood Somerst	1	0.223807	3.849942	0.06	-2.40E-01	3.86E+00	4.16E-01	-9.58E-01	-9.56E-01	
GrLlvArea*Neighborhood StoneBr	1	-0.412027	3.861443	-0.11	-9.97E-01	2.83E+00	5.32E-02	-1.81E+00	-6.44E-01	
GrLlvArea*Neighborhood Timber	1	0.363249	3.845527	0.09	-2.01E-01	3.96E+00	5.86E-01	-4.55E-01	-7.31E-01	
LotArea*Neighborhood Blmngtn	1	0.001175	0.000506	2.32	1.16E-03	1.03E-03	1.46E-03	-5.35E-04	1.01E-03	
LotArea*Neighborhood Blueste	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
LotArea*Neighborhood BrDale	1	-0.000129	0.000261	-0.49	8.43E-05	7.86E-05	-7.51E-05	-1.67E-04	-1.71E-04	
LotArea*Neighborhood BrkSide	1	0.000010803	0.000054574	0.20	7.91E-06	1.86E-05	1.16E-05	5.54E-05	1.80E-05	
LotArea*Neighborhood ClearCr	1	-0.000022287	0.000053882	-0.41	-1.73E-05	-6.58E-06	-2.55E-05	1.90E-05	-2.01E-05	
LotArea*Neighborhood CollgCr	1	-0.000015280	0.000054173	-0.28	-1.08E-05	1.42E-06	-1.93E-05	2.47E-05	-1.33E-05	
LotArea*Neighborhood Crawfor	1	-0.000019931	0.000054295	-0.37	-2.25E-05	4.77E-06	-2.15E-05	2.74E-05	-1.84E-05	
LotArea*Neighborhood Edwards	1	-0.000026250	0.000054020	-0.49	-2.17E-05	-1.07E-05	-2.45E-05	1.63E-05	-2.55E-05	

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Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
LotArea*Neighborhood Gilbert	1	-0.000010611	0.000054011	-0.20	-6.56E-06	-6.56E-07	-1.19E-05	3.29E-05	-6.71E-06
LotArea*Neighborhood IDOTRR	1	-0.000018086	0.000054648	-0.33	-4.18E-05	1.53E-05	-5.06E-06	1.11E-05	-2.39E-05
LotArea*Neighborhood MeadowV	1	-0.000405	0.000420	-0.96	-3.81E-04	5.43E-04	-5.03E-04	-1.14E-03	-1.48E-04
LotArea*Neighborhood Mitchel	1	-0.000032652	0.000054043	-0.60	-2.15E-05	-1.73E-05	-3.74E-05	5.11E-06	-3.36E-05
LotArea*Neighborhood NAmes	1	-0.000024160	0.000053959	-0.45	-1.87E-05	-1.31E-05	-2.97E-05	1.73E-05	-2.07E-05
LotArea*Neighborhood NPkVill	1	-0.000004848	0.000284	-0.02	1.68E-05	-1.09E-04	4.39E-05	1.58E-03	-1.68E-03
LotArea*Neighborhood NWAmes	1	-0.000018086	0.000054076	-0.33	-1.39E-05	-2.62E-06	-2.13E-05	2.03E-05	-1.21E-05
LotArea*Neighborhood NoRidge	1	-0.000009958	0.000053979	-0.18	-7.40E-06	-2.79E-07	-1.31E-05	3.38E-05	-3.74E-06
LotArea*Neighborhood NridgHt	1	-0.000006641	0.000054484	-0.12	4.71E-06	5.92E-06	-1.31E-05	3.65E-05	-6.35E-06
LotArea*Neighborhood OldTown	1	-0.000017706	0.000054194	-0.33	-1.23E-05	2.47E-06	-2.03E-05	1.58E-05	-1.26E-05
LotArea*Neighborhood SWISU	1	-0.000058615	0.000055536	-1.06	-5.81E-05	-4.77E-05	-6.79E-05	4.53E-06	-6.01E-05
LotArea*Neighborhood Sawyer	1	-0.000020002	0.000054113	-0.37	-1.38E-05	-1.34E-06	-2.11E-05	2.20E-05	-2.10E-05
LotArea*Neighborhood SawyerW	1	-0.000003354	0.000054990	-0.06	1.56E-06	1.43E-05	-7.13E-06	3.56E-05	1.66E-06
LotArea*Neighborhood Somerst	1	-0.000006748	0.000054335	-0.12	4.18E-07	9.13E-07	-5.51E-06	3.23E-05	-5.94E-06
LotArea*Neighborhood StoneBr	1	-0.000013059	0.000054019	-0.24	-8.81E-06	-2.64E-05	-1.64E-05	3.45E-05	-1.17E-05
LotArea*Neighborhood Timber	1	-0.000025591	0.000053875	-0.48	-2.28E-05	-9.06E-06	-2.76E-05	1.46E-05	-2.37E-05
OverallCo*Neighborho Blmgtn	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OverallCo*Neighborho Blueste	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OverallCo*Neighborho BrDale	1	0.161262	0.599804	0.27	6.93E-02	-4.84E-02	1.87E-01	3.41E-02	-2.50E-01
OverallCo*Neighborho BrkSide	1	0.123361	0.598117	0.21	3.03E-02	-1.17E-01	1.99E-01	-5.56E-02	-2.48E-01
OverallCo*Neighborho ClearCr	1	0.046119	0.598327	0.08	-1.16E-01	-1.18E-01	1.05E-01	-1.37E-01	-3.11E-01
OverallCo*Neighborho CollgCr	1	0.127361	0.598450	0.21	4.68E-02	-9.53E-02	1.80E-01	-4.40E-02	-2.35E-01
OverallCo*Neighborho Crawfor	1	0.122206	0.597938	0.20	2.78E-02	-7.14E-02	1.63E-01	-5.98E-02	-2.34E-01
OverallCo*Neighborho Edwards	1	0.150177	0.597947	0.25	6.20E-02	-7.58E-02	2.08E-01	-2.08E-02	-2.20E-01
OverallCo*Neighborho Gilbert	1	0.106279	0.598675	0.18	0.00E+00	-1.24E-01	1.76E-01	-7.94E-02	-2.52E-01
OverallCo*Neighborho IDOTRR	1	0.217332	0.598083	0.36	1.24E-01	6.27E-03	3.22E-01	6.77E-02	-1.55E-01
OverallCo*Neighborho MeadowV	1	-0.034519	0.604625	-0.06	-9.40E-02	-2.29E-01	-8.60E-02	-4.97E-01	-2.64E-01
OverallCo*Neighborho Mitchel	1	0.109300	0.598336	0.18	8.79E-03	-1.10E-01	1.75E-01	-9.35E-02	-2.39E-01
OverallCo*Neighborho NAmes	1	0.119308	0.597836	0.20	3.14E-02	-1.14E-01	1.92E-01	-6.02E-02	-2.47E-01
OverallCo*Neighborho NPkVill	1	0.084792	0.615412	0.14	2.23E-03	-1.46E-01	1.03E-01	-3.24E-03	1.89E+00
OverallCo*Neighborho NWAmes	1	0.120712	0.597986	0.20	1.06E-02	-1.08E-01	1.92E-01	-5.29E-02	-2.30E-01
OverallCo*Neighborho NoRidge	1	0.053523	0.598888	0.09	-3.04E-02	-1.70E-01	1.10E-01	-1.32E-01	-3.05E-01
OverallCo*Neighborho NridgHt	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
OverallCo*Neighborho OldTown	1	0.149425	0.598016	0.25	6.37E-02	-8.88E-02	2.34E-01	-2.95E-02	-2.30E-01
OverallCo*Neighborho SWISU	1	0.119154	0.598546	0.20	6.44E-02	-1.11E-01	1.89E-01	-7.00E-02	-2.58E-01
OverallCo*Neighborho Sawyer	1	0.112950	0.598017	0.19	3.07E-02	-1.18E-01	1.66E-01	-5.93E-02	-2.43E-01
OverallCo*Neighborho SawyerW	1	0.066695	0.598933	0.11	-4.79E-02	-1.49E-01	9.77E-02	-1.01E-01	-2.76E-01
OverallCo*Neighborho Somerst	1	0.026386	0.604136	0.04	-5.62E-02	-2.78E-01	8.80E-02	-1.52E-01	-3.05E-01
OverallCo*Neighborho StoneBr	1	0.085009	0.598798	0.14	-3.26E-02	-1.47E-01	6.70E-01	-1.04E-01	-2.19E-01
OverallCo*Neighborho Timber	1	0.118897	0.600156	0.20	-2.00E-03	-9.81E-02	1.48E-01	2.55E-02	-2.11E-01
YearBuilt*Neighborho Blmngtn	1	-0.022056	0.214921	-0.10	-8.79E-02	-1.03E-01	-9.10E-03	-1.36E-01	-1.30E-01
YearBuilt*Neighborho Blueste	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
YearBuilt*Neighborho BrDale	1	0.060164	0.216299	0.28	2.02E-02	-1.47E-02	1.15E-01	5.20E-03	-1.71E-01
YearBuilt*Neighborho BrkSide	1	0.042806	0.209773	0.20	-2.32E-02	-3.61E-02	5.88E-02	-3.10E-02	-6.02E-02
YearBuilt*Neighborho ClearCr	1	0.042840	0.209762	0.20	-2.76E-02	-3.24E-02	5.76E-02	-3.07E-02	-6.23E-02
YearBuilt*Neighborho CollgCr	1	0.046459	0.209784	0.22	-1.94E-02	-3.05E-02	6.18E-02	-2.91E-02	-5.86E-02
YearBuilt*Neighborho Crawfor	1	0.045473	0.209770	0.22	-1.96E-02	-3.41E-02	6.30E-02	-2.90E-02	-6.06E-02
YearBuilt*Neighborho Edwards	1	0.048371	0.209761	0.23	-1.67E-02	-2.99E-02	6.41E-02	-2.65E-02	-5.71E-02
YearBuilt*Neighborho Gilbert	1	0.047491	0.209771	0.23	-1.66E-02	-3.07E-02	6.38E-02	-2.84E-02	-5.74E-02
YearBuilt*Neighborho IDOTRR	1	0.048649	0.209764	0.23	-1.45E-02	-3.00E-02	6.55E-02	-2.83E-02	-5.44E-02
YearBuilt*Neighborho MeadowV	1	0.033406	0.211575	0.16	-2.84E-02	-8.10E-03	7.83E-02	-1.49E-02	-1.01E-01
YearBuilt*Neighborho Mitchel	1	0.044137	0.209783	0.21	-1.80E-02	-3.62E-02	5.99E-02	-3.11E-02	-6.19E-02
YearBuilt*Neighborho NAmes	1	0.044622	0.209777	0.21	-2.11E-02	-3.38E-02	6.07E-02	-3.00E-02	-6.07E-02
YearBuilt*Neighborho NPkVill	1	0.029007	0.221019	0.13	-8.80E-02	-4.31E-02	2.43E-02	0.00E+00	-1.31E-01
YearBuilt*Neighborho NWAmes	1	0.049851	0.209779	0.24	-1.71E-02	-2.79E-02	6.81E-02	-2.42E-02	-5.73E-02
YearBuilt*Neighborho NoRidge	1	0.047624	0.210045	0.23	-2.05E-02	-3.20E-02	6.34E-02	-2.96E-02	-5.17E-02
YearBuilt*Neighborho NridgHt	1	0.076445	0.209901	0.36	1.25E-02	-9.81E-03	9.49E-02	-3.38E-03	-2.84E-02
YearBuilt*Neighborho OldTown	1	0.046239	0.209762	0.22	-1.95E-02	-3.16E-02	6.20E-02	-2.91E-02	-5.87E-02
YearBuilt*Neighborho SWISU	1	0.051520	0.209814	0.25	-1.12E-02	-2.36E-02	6.55E-02	-3.33E-02	-5.45E-02
YearBuilt*Neighborho Sawyer	1	0.048361	0.209769	0.23	-1.76E-02	-2.91E-02	6.50E-02	-2.66E-02	-5.62E-02
YearBuilt*Neighborho SawyerW	1	0.047641	0.209773	0.23	-2.29E-02	-2.97E-02	6.51E-02	-2.78E-02	-5.83E-02
YearBuilt*Neighborho Somerst	1	0.051729	0.209819	0.25	-1.33E-02	-2.13E-02	7.26E-02	-2.33E-02	-5.69E-02
YearBuilt*Neighborho StoneBr	1	0.056789	0.209793	0.27	-1.58E-02	-1.77E-02	6.86E-02	-1.42E-02	-4.50E-02
YearBuilt*Neighborho Timber	1	0.059794	0.209858	0.28	-6.46E-03	-1.74E-02	7.73E-02	-1.50E-02	-4.65E-02
MasVnrAre*Neighborho Blmngtn	1	0.001567	0.003314	0.47	2.61E-03	1.65E-03	2.33E-03	-4.63E-03	1.57E-03
MasVnrAre*Neighborho Blueste	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates				
					Cross Validation Estimates				
					1	2	3	4	5
MasVnrAre*Neighborhood BrDale	1	-0.000895	0.003089	-0.29	3.64E-04	-7.41E-04	-1.39E-03	3.38E-04	3.62E-04
MasVnrAre*Neighborhood BrkSide	1	-0.000273	0.003120	-0.09	6.87E-04	-4.88E-04	-3.15E-04	2.24E-03	-1.14E-05
MasVnrAre*Neighborhood ClearCr	1	-0.000926	0.003054	-0.30	-2.17E-04	-5.14E-04	-1.09E-03	8.53E-04	-8.27E-04
MasVnrAre*Neighborhood CollgCr	1	-0.000199	0.003050	-0.07	8.53E-04	3.06E-05	-3.95E-04	1.38E-03	2.28E-04
MasVnrAre*Neighborhood Crawfor	1	-0.000614	0.003053	-0.20	4.68E-04	-7.50E-04	-8.10E-04	9.53E-04	-2.45E-04
MasVnrAre*Neighborhood Edwards	1	-0.000689	0.003054	-0.23	5.38E-04	-5.90E-04	-7.06E-04	9.33E-04	-4.27E-04
MasVnrAre*Neighborhood Gilbert	1	-0.000156	0.003052	-0.05	9.64E-04	9.07E-05	-2.92E-04	1.44E-03	1.02E-04
MasVnrAre*Neighborhood IDOTRR	1	-0.000791	0.003063	-0.26	-1.06E-05	-5.25E-04	-9.76E-04	8.17E-04	0.00E+00
MasVnrAre*Neighborhood MeadowV	1	-0.004653	0.009239	-0.50	-1.49E-03	9.86E-02	0.00E+00	2.72E-02	-7.69E-04
MasVnrAre*Neighborhood Mitchel	1	-0.000325	0.003064	-0.11	7.38E-04	-1.25E-04	-4.85E-04	1.05E-03	7.80E-05
MasVnrAre*Neighborhood NAmes	1	-0.000416	0.003051	-0.14	6.09E-04	-1.74E-04	-5.21E-04	1.13E-03	-5.92E-05
MasVnrAre*Neighborhood NPkVill	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MasVnrAre*Neighborhood NWAmes	1	-0.000441	0.003050	-0.14	6.13E-04	-1.97E-04	-5.83E-04	1.16E-03	-9.96E-05
MasVnrAre*Neighborhood NoRidge	1	-0.000174	0.003050	-0.06	8.29E-04	1.64E-04	-3.12E-04	1.37E-03	1.30E-04
MasVnrAre*Neighborhood NridgHt	1	-0.000323	0.003050	-0.11	7.31E-04	-1.02E-04	-4.50E-04	1.27E-03	-1.80E-05
MasVnrAre*Neighborhood OldTown	1	-0.000829	0.003056	-0.27	1.09E-04	-5.60E-04	-1.27E-03	1.43E-03	-5.49E-04
MasVnrAre*Neighborhood SWISU	1	-0.000656	0.003114	-0.21	1.73E-04	0.00E+00	-9.61E-04	2.00E-03	-3.29E-04
MasVnrAre*Neighborhood Sawyer	1	-0.000556	0.003058	-0.18	5.63E-04	-4.60E-04	-6.90E-04	1.41E-03	-3.31E-04
MasVnrAre*Neighborhood SawyerW	1	-0.000138	0.003053	-0.05	9.92E-04	9.55E-05	-2.47E-04	1.27E-03	1.59E-04
MasVnrAre*Neighborhood Somerst	1	-0.000393	0.003050	-0.13	6.75E-04	-1.56E-04	-5.13E-04	1.19E-03	-6.44E-05
MasVnrAre*Neighborhood StoneBr	1	-0.000197	0.003052	-0.06	9.31E-04	1.25E-04	-4.03E-04	1.08E-03	-6.81E-05
MasVnrAre*Neighborhood Timber	1	-0.000222	0.003048	-0.07	9.60E-04	0.00E+00	-3.93E-04	1.28E-03	9.55E-05
TotalBsmt*Neighborhood Blmngtn	1	0.001102	0.001881	0.59	1.57E-03	-1.45E-03	8.03E-04	-1.62E-03	1.45E-03
TotalBsmt*Neighborhood Blueste	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TotalBsmt*Neighborhood BrDale	1	0.000790	0.004070	0.19	1.06E-03	-2.89E-03	-3.09E-03	6.76E-04	5.68E-03
TotalBsmt*Neighborhood BrkSide	1	-0.000070559	0.001670	-0.04	4.20E-04	-2.75E-03	-1.98E-04	4.94E-04	7.16E-05
TotalBsmt*Neighborhood ClearCr	1	0.000155	0.001672	0.09	9.03E-04	-2.63E-03	6.50E-05	6.54E-04	3.13E-04
TotalBsmt*Neighborhood CollgCr	1	-0.000248	0.001674	-0.15	2.01E-04	-2.89E-03	-2.52E-04	2.27E-04	-1.41E-04
TotalBsmt*Neighborhood Crawfor	1	-0.000259	0.001671	-0.16	2.15E-04	-3.02E-03	-4.12E-04	2.61E-04	-7.33E-05
TotalBsmt*Neighborhood Edwards	1	-0.000217	0.001668	-0.13	2.77E-04	-2.87E-03	-3.09E-04	2.70E-04	-7.44E-05
TotalBsmt*Neighborhood Gilbert	1	-0.000133	0.001671	-0.08	3.51E-04	-2.79E-03	-2.89E-04	4.26E-04	2.62E-06
TotalBsmt*Neighborhood IDOTRR	1	0.000304	0.001674	0.18	1.05E-03	-2.33E-03	5.27E-04	9.74E-04	9.24E-05
TotalBsmt*Neighborhood MeadowV	1	-0.003402	0.003992	-0.85	-2.09E-03	3.01E-02	2.76E-03	2.05E-03	-7.45E-03

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Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
					1	2	3	4	5					
TotalBsmt*Neighborho Mitchel	1	-0.000033374	0.001669	-0.02	4.69E-04	-2.67E-03	-2.49E-04	5.10E-04	8.76E-05					
TotalBsmt*Neighborho NAmes	1	-0.000220	0.001669	-0.13	2.74E-04	-2.85E-03	-3.60E-04	2.99E-04	-7.46E-05					
TotalBsmt*Neighborho NPkVill	1	-0.000435	0.002496	-0.17	7.27E-05	-3.79E-03	-5.89E-04	0.00E+00	-2.64E-04					
TotalBsmt*Neighborho NWAmes	1	-0.000179	0.001668	-0.11	3.39E-04	-2.82E-03	-2.79E-04	2.61E-04	6.10E-06					
TotalBsmt*Neighborho NoRidge	1	-0.000113	0.001676	-0.07	5.48E-04	-2.61E-03	-2.08E-04	5.08E-04	-1.45E-04					
TotalBsmt*Neighborho NridgHt	1	-0.000115	0.001669	-0.07	3.87E-04	-2.61E-03	-2.17E-04	3.83E-04	3.11E-05					
TotalBsmt*Neighborho OldTown	1	-0.000326	0.001670	-0.20	2.29E-04	-3.04E-03	-4.36E-04	1.46E-04	-1.93E-04					
TotalBsmt*Neighborho SWISU	1	-0.000692	0.001682	-0.41	-7.41E-05	-3.59E-03	-7.87E-04	-2.99E-04	-6.44E-04					
TotalBsmt*Neighborho Sawyer	1	-0.000104	0.001669	-0.06	3.35E-04	-2.74E-03	-2.17E-04	3.59E-04	6.88E-06					
TotalBsmt*Neighborho SawyerW	1	-0.000101	0.001670	-0.06	3.84E-04	-2.73E-03	-2.25E-04	3.16E-04	5.41E-05					
TotalBsmt*Neighborho Somerst	1	0.000006416	0.001677	0.00	4.44E-04	-2.44E-03	-2.13E-04	6.36E-04	2.24E-04					
TotalBsmt*Neighborho StoneBr	1	0.000338	0.001678	0.20	9.58E-04	-2.09E-03	1.46E-04	9.42E-04	1.95E-04					
TotalBsmt*Neighborho Timber	1	-0.000091064	0.001670	-0.05	3.55E-04	-2.73E-03	-1.59E-04	3.71E-04	9.15E-05					
FullBath*Neighborhood Blmngtn	1	-0.218734	1.240704	-0.18	0.00E+00	1.48E-01	-2.94E-01	2.39E-01	-8.54E-02					
FullBath*Neighborhood Blueste	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
FullBath*Neighborhood BrDale	1	-0.170622	1.284885	-0.13	-7.55E-02	1.43E-01	-6.45E-01	6.22E-02	4.01E-01					
FullBath*Neighborhood BrkSide	1	-0.142799	1.240905	-0.12	-3.74E-02	3.92E-01	-2.64E-01	2.23E-01	-2.68E-02					
FullBath*Neighborhood ClearCr	1	-0.328353	1.240770	-0.26	-3.33E-01	5.60E-02	-4.56E-01	7.81E-02	-1.95E-01					
FullBath*Neighborhood CollgCr	1	-0.156378	1.239653	-0.13	-8.08E-02	2.22E-01	-2.43E-01	2.19E-01	1.13E-03					
FullBath*Neighborhood Crawfor	1	-0.264522	1.239920	-0.21	-1.64E-01	7.32E-02	-3.83E-01	1.01E-01	-1.10E-01					
FullBath*Neighborhood Edwards	1	-0.104825	1.239156	-0.08	-2.24E-02	2.54E-01	-1.89E-01	2.52E-01	5.22E-02					
FullBath*Neighborhood Gilbert	1	-0.274309	1.251716	-0.22	-2.46E-01	1.11E+00	-4.03E-01	1.74E-01	-1.11E-01					
FullBath*Neighborhood IDOTRR	1	-0.353728	1.241201	-0.28	-3.82E-01	-1.26E-02	-6.20E-01	1.40E-01	-1.49E-01					
FullBath*Neighborhood MeadowV	1	1.119777	1.982677	0.56	8.45E-01	-1.46E+01	-6.74E-01	-8.80E-01	-3.64E+00					
FullBath*Neighborhood Mitchel	1	-0.209724	1.240090	-0.17	-9.89E-02	1.77E-01	-3.10E-01	1.57E-01	-4.58E-02					
FullBath*Neighborhood NAmes	1	-0.190216	1.238975	-0.15	-1.31E-01	1.88E-01	-2.92E-01	1.93E-01	-4.12E-02					
FullBath*Neighborhood NPkVill	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
FullBath*Neighborhood NWAmes	1	-0.254788	1.239265	-0.21	-1.43E-01	1.39E-01	-4.21E-01	1.01E-01	-9.91E-02					
FullBath*Neighborhood NoRidge	1	-0.084157	1.245537	-0.07	8.49E-02	2.53E-01	-2.54E-01	7.16E-02	1.75E-01					
FullBath*Neighborhood NridgHt	1	-0.284726	1.240229	-0.23	-1.73E-01	1.21E-01	-4.28E-01	6.93E-02	-1.44E-01					
FullBath*Neighborhood OldTown	1	-0.200969	1.239246	-0.16	-1.09E-01	1.28E-01	-3.26E-01	1.17E-01	-1.03E-02					
FullBath*Neighborhood SWISU	1	-0.249746	1.240733	-0.20	-2.28E-01	1.22E-01	-4.29E-01	2.32E-01	-6.90E-02					
FullBath*Neighborhood Sawyer	1	-0.213930	1.239429	-0.17	-1.28E-01	2.05E-01	-3.69E-01	1.26E-01	-7.00E-02					

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Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
										1	2	3	4	5
FullBath*Neighborhoo SawyerW	1	-0.083386	1.240520	-0.07	-4.17E-02	3.30E-01	-2.02E-01	3.67E-01	4.39E-02					
FullBath*Neighborhoo Somerst	1	-0.255611	1.240914	-0.21	-1.62E-01	2.30E-01	-3.88E-01	4.50E-02	-1.03E-01					
FullBath*Neighborhoo StoneBr	1	-0.309113	1.240837	-0.25	-2.03E-01	8.56E-02	-3.79E-01	2.03E-04	-3.06E-01					
FullBath*Neighborhoo Timber	1	-0.445681	1.248478	-0.36	-2.81E-01	-9.30E-02	-6.28E-01	-1.74E-02	-3.23E-01					
Fireplace*Neighborho Blmngtn	1	-0.131267	0.358152	-0.37	-5.06E-02	-2.68E-01	-1.25E-01	-9.75E-02	0.00E+00					
Fireplace*Neighborho Blueste	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Fireplace*Neighborho BrDale	1	0.153903	0.349824	0.44	2.04E-01	3.47E-02	0.00E+00	2.35E-02	8.03E-02					
Fireplace*Neighborho BrkSide	1	0.141285	0.326321	0.43	2.27E-01	2.58E-02	1.26E-01	-3.43E-02	6.25E-02					
Fireplace*Neighborho ClearCr	1	0.024381	0.327624	0.07	-8.85E-02	-1.12E-01	5.07E-02	-9.27E-02	-3.79E-02					
Fireplace*Neighborho CollgCr	1	0.071162	0.325274	0.22	1.49E-01	-7.90E-02	8.25E-02	-1.11E-01	-1.94E-02					
Fireplace*Neighborho Crawfor	1	0.135103	0.326714	0.41	2.03E-01	1.66E-02	1.56E-01	-3.43E-02	2.99E-02					
Fireplace*Neighborho Edwards	1	0.195592	0.326061	0.60	2.78E-01	3.92E-02	1.96E-01	2.51E-02	1.06E-01					
Fireplace*Neighborho Gilbert	1	0.093216	0.327620	0.28	1.61E-01	-5.38E-02	1.03E-01	-6.20E-02	6.49E-03					
Fireplace*Neighborho IDOTRR	1	0.392206	0.330145	1.19	5.12E-01	2.44E-01	4.15E-01	1.64E-01	2.09E-01					
Fireplace*Neighborho MeadowV	1	-0.405758	1.168409	-0.35	-1.33E-01	1.15E+01	3.55E+00	1.68E+00	-2.26E+00					
Fireplace*Neighborho Mitchel	1	0.123268	0.326700	0.38	2.13E-01	-4.13E-02	1.18E-01	-1.51E-02	6.58E-04					
Fireplace*Neighborho NAmes	1	0.105836	0.324961	0.33	1.79E-01	-4.79E-02	1.37E-01	-7.57E-02	1.91E-02					
Fireplace*Neighborho NPkVill	1	-0.010833	0.387944	-0.03	7.71E-02	-1.82E-01	-4.32E-02	0.00E+00	2.06E+00					
Fireplace*Neighborho NWAmes	1	0.062678	0.326359	0.19	1.25E-01	-9.49E-02	9.61E-02	-9.29E-02	-4.01E-02					
Fireplace*Neighborho NoRidge	1	0.163558	0.330303	0.50	1.72E-01	-3.69E-02	1.80E-01	-8.12E-04	9.31E-02					
Fireplace*Neighborho NridgHt	1	0.084165	0.326540	0.26	1.69E-01	-9.56E-02	1.17E-01	-8.32E-02	-4.63E-02					
Fireplace*Neighborho OldTown	1	0.169829	0.325778	0.52	2.32E-01	1.08E-02	1.76E-01	-2.57E-02	1.07E-01					
Fireplace*Neighborho SWISU	1	0.166614	0.330681	0.50	2.05E-01	1.16E-02	1.90E-01	-6.78E-02	1.04E-01					
Fireplace*Neighborho Sawyer	1	0.104124	0.326480	0.32	1.57E-01	-4.02E-02	8.58E-02	-5.09E-02	-7.38E-03					
Fireplace*Neighborho SawyerW	1	0.045727	0.327028	0.14	1.08E-01	-8.98E-02	3.23E-02	-1.43E-01	-6.80E-02					
Fireplace*Neighborho Somerst	1	0.040653	0.326312	0.12	1.13E-01	-1.25E-01	6.07E-02	-1.32E-01	-3.73E-02					
Fireplace*Neighborho StoneBr	1	0.070432	0.332776	0.21	1.17E-01	-8.88E-02	9.38E-02	-3.18E-02	-9.54E-02					
Fireplace*Neighborho Timber	1	0.146174	0.327885	0.45	2.33E-01	0.00E+00	1.66E-01	-1.07E-02	0.00E+00					
Neighborhoo*BldgType Blmngtn 1Fam	1	1.095672	3.649896	0.30	2.30E-02	0.00E+00	1.32E+00	-2.05E-03	-1.24E-01					
Neighborhoo*BldgType Blmngtn 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Blmngtn Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Blmngtn Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Blueste 1Fam	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					

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Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
										1	2	3	4	5
Neighborhoo*BldgType Blueste 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Blueste Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Blueste Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType BrDale 1Fam	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType BrDale 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType BrDale Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType BrDale Twnhs	1	-0.018960	0.301089	-0.06	1.18E-02	2.30E-02	-2.24E-02	-5.45E-01	4.23E-01					
Neighborhoo*BldgType BrkSide 1Fam	1	0.638048	0.394432	1.62	0.00E+00	5.67E-01	5.73E-01	2.18E-01	1.73E-01					
Neighborhoo*BldgType BrkSide 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType BrkSide Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType BrkSide Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType ClearCr 1Fam	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType ClearCr 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType ClearCr Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType ClearCr Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType CollgCr 1Fam	1	1.033771	3.646756	0.28	-4.17E-02	-2.13E-01	1.29E+00	-2.95E-01	-1.80E-01					
Neighborhoo*BldgType CollgCr 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType CollgCr Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType CollgCr Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Crawfor 1Fam	1	0.686134	3.648559	0.19	-1.89E-01	-1.02E+00	9.31E-01	-6.01E-01	-5.33E-01					
Neighborhoo*BldgType Crawfor 2fmCon	1	-0.338056	3.666382	-0.09	-9.74E-01	-2.09E+00	1.26E-02	-1.18E+00	0.00E+00					
Neighborhoo*BldgType Crawfor Duplex	1	-0.540678	0.220202	-2.46	-2.85E-01	-8.76E-01	-4.52E-01	-2.73E-01	-6.69E-01					
Neighborhoo*BldgType Crawfor Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Edwards 1Fam	1	1.185244	3.647504	0.32	1.10E-01	-9.59E+00	1.57E+00	-1.55E-01	-1.14E-03					
Neighborhoo*BldgType Edwards 2fmCon	1	0.354184	3.663001	0.10	-4.79E-01	-1.05E+01	7.98E-01	-3.44E-01	-3.05E-01					
Neighborhoo*BldgType Edwards Duplex	1	0.258698	0.223598	1.16	3.62E-01	-9.29E+00	3.32E-01	4.92E-01	2.73E-01					
Neighborhoo*BldgType Edwards Twnhs	1	-0.066397	0.131508	-0.50	4.04E-02	-9.55E+00	-3.93E-02	-7.03E-02	-4.40E-02					
Neighborhoo*BldgType Gilbert 1Fam	1	1.098964	0.411708	2.67	0.00E+00	0.00E+00	9.81E-01	5.52E-01	5.86E-01					
Neighborhoo*BldgType Gilbert 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Gilbert Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType Gilbert Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhoo*BldgType IDOTRR 1Fam	1	0.704390	3.652151	0.19	-4.20E-01	-5.88E-01	8.70E-01	-8.90E-01	-2.97E-01					
Neighborhoo*BldgType IDOTRR 2fmCon	1	0.108197	3.669828	0.03	-5.55E-01	-1.20E+00	0.00E+00	-6.26E-01	-4.10E-01					

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Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
Neighborhoo*BldgType IDOTRR Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType IDOTRR Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType MeadowV 1Fam	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType MeadowV 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType MeadowV Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType MeadowV Twnhs	1	0.445444	0.842648	0.53	2.21E-01	-7.54E+00	0.00E+00	-2.13E+00	-3.37E-01
Neighborhoo*BldgType Mitchel 1Fam	1	1.106048	3.646329	0.30	3.32E-02	-2.40E-01	1.50E+00	-2.85E-01	-3.87E-02
Neighborhoo*BldgType Mitchel 2fmCon	1	0.582113	3.667432	0.16	1.28E-01	-9.36E-01	1.17E+00	-8.48E-02	0.00E+00
Neighborhoo*BldgType Mitchel Duplex	1	-0.033467	0.228309	-0.15	5.34E-02	-1.72E-01	9.14E-02	1.19E-01	-6.21E-02
Neighborhoo*BldgType Mitchel Twnhs	1	0.149022	0.197070	0.76	2.53E-01	1.79E-01	0.00E+00	1.20E-01	1.53E-01
Neighborhoo*BldgType NAmes 1Fam	1	0.980183	3.647764	0.27	-1.29E-01	-3.17E-01	1.62E+00	-2.99E-01	-2.83E-01
Neighborhoo*BldgType NAmes 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NAmes Duplex	1	-0.182567	0.199173	-0.92	-1.07E-01	-2.96E-01	2.00E-01	9.52E-02	-2.68E-01
Neighborhoo*BldgType NAmes Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NPkVill 1Fam	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NPkVill 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NPkVill Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NPkVill Twnhs	1	0.006747	0.210111	0.03	2.42E-01	1.41E-02	1.77E-02	0.00E+00	-8.67E-01
Neighborhoo*BldgType NWAmes 1Fam	1	1.266702	3.650910	0.35	1.86E-01	6.22E-02	1.41E+00	-2.80E-01	8.25E-02
Neighborhoo*BldgType NWAmes 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NWAmes Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NWAmes Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NoRidge 1Fam	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NoRidge 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NoRidge Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NoRidge Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NridgHt 1Fam	1	0.987337	3.646225	0.27	-9.17E-02	-2.68E-01	1.22E+00	-3.59E-01	-2.18E-01
Neighborhoo*BldgType NridgHt 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NridgHt Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType NridgHt Twnhs	1	0.070138	0.116828	0.60	1.67E-01	1.22E-02	-1.78E-02	1.03E-01	1.37E-01
Neighborhoo*BldgType OldTown 1Fam	1	1.120483	3.652331	0.31	-2.39E-02	-1.14E-01	1.19E+00	-2.25E-01	-3.94E-01
Neighborhoo*BldgType OldTown 2fmCon	1	0.431969	3.667600	0.12	-3.68E-01	-8.81E-01	6.89E-01	-9.59E-02	-6.32E-01
Neighborhoo*BldgType OldTown Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
Neighborhoo*BldgType OldTown Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType SWISU 1Fam	1	0.754599	0.374533	2.01	4.54E-01	9.43E-01	5.79E-01	-7.47E-02	1.95E-01
Neighborhoo*BldgType SWISU 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType SWISU Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType SWISU Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Sawyer 1Fam	1	1.224632	3.650085	0.34	8.47E-02	-2.51E-02	1.55E+00	-3.19E-01	1.03E-01
Neighborhoo*BldgType Sawyer 2fmCon	1	0.552749	3.668206	0.15	-2.59E-01	-7.92E-01	1.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Sawyer Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Sawyer Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType SawyerW 1Fam	1	1.033299	3.646324	0.28	-2.77E-02	-2.32E-01	1.31E+00	-3.32E-01	-1.78E-01
Neighborhoo*BldgType SawyerW 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType SawyerW Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType SawyerW Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Somerst 1Fam	1	0.940109	3.645882	0.26	-1.39E-01	-3.95E-01	1.24E+00	-3.60E-01	-2.61E-01
Neighborhoo*BldgType Somerst 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Somerst Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Somerst Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType StoneBr 1Fam	1	1.167934	3.646634	0.32	0.00E+00	0.00E+00	1.14E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType StoneBr 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType StoneBr Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType StoneBr Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Timber 1Fam	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Timber 2fmCon	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Timber Duplex	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhoo*BldgType Timber Twnhs	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Blmngtn 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Blmngtn 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Blmngtn 1Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Blmngtn 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Blmngtn 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Blmngtn 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Blmngtn SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Blueste 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
					1	2	3	4	5					
Neighborhood*HouseStyle Blueste 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Blueste 1Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Blueste 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Blueste 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Blueste 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Blueste SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrDale 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrDale 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrDale 1Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrDale 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrDale 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrDale 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrDale SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrkSide 1.5Fin	1	0.203831	0.150915	1.35	2.03E-01	1.78E-01	2.28E-01	-1.24E-01	5.17E-02					
Neighborhood*HouseStyle BrkSide 1.5Unf	1	0.701967	0.284841	2.46	6.20E-01	5.61E-01	1.92E-01	3.01E-02	5.68E-01					
Neighborhood*HouseStyle BrkSide 1Story	1	0.030101	0.976772	0.03	-1.56E-02	-1.49E-01	1.31E-01	-1.14E-01	-1.29E-01					
Neighborhood*HouseStyle BrkSide 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrkSide 2.5Unf	1	0.644283	0.333863	1.93	5.12E-01	0.00E+00	0.00E+00	5.68E-01	5.11E-02					
Neighborhood*HouseStyle BrkSide 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle BrkSide SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle ClearCr 1.5Fin	1	0.294289	0.234904	1.25	3.82E-01	2.35E-01	2.58E-01	-4.36E-02	2.71E-01					
Neighborhood*HouseStyle ClearCr 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle ClearCr 1Story	1	-0.002321	0.975078	-0.00	2.98E-01	-3.65E-02	3.53E-03	-1.36E-01	-1.43E-01					
Neighborhood*HouseStyle ClearCr 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle ClearCr 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle ClearCr 2Story	1	0.368230	0.246042	1.50	8.55E-01	2.30E-01	3.63E-01	4.36E-01	3.40E-01					
Neighborhood*HouseStyle ClearCr SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle CollgCr 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle CollgCr 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle CollgCr 1Story	1	0.008353	0.970917	0.01	-7.15E-02	-4.73E-02	6.87E-02	8.60E-02	-9.77E-02					
Neighborhood*HouseStyle CollgCr 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle CollgCr 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle CollgCr 2Story	1	-0.087429	0.156483	-0.56	-1.90E-01	-6.93E-02	5.93E-02	7.64E-02	-1.55E-01					

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
										1	2	3	4	5
Neighborhood*HouseStyle CollgCr SFoyer	1	0.166269	0.199390	0.83	-6.15E-02	1.85E-01	2.07E-01	2.48E-01	1.05E-01					
Neighborhood*HouseStyle Crawfor 1.5Fin	1	0.224889	0.142369	1.58	2.81E-01	2.57E-01	2.59E-01	-1.75E-01	1.60E-01					
Neighborhood*HouseStyle Crawfor 1.5Unf	1	0.328798	0.293695	1.12	4.83E-01	4.13E-01	-2.18E-01	0.00E+00	2.51E-01					
Neighborhood*HouseStyle Crawfor 1Story	1	0.035583	0.975802	0.04	2.16E-04	2.27E-02	3.39E-02	-9.37E-02	-2.91E-02					
Neighborhood*HouseStyle Crawfor 2.5Fin	1	0.125002	0.209359	0.60	2.50E-01	8.47E-05	0.00E+00	-2.03E-01	-1.35E-02					
Neighborhood*HouseStyle Crawfor 2.5Unf	1	0.428923	0.323671	1.33	1.91E-01	8.41E-01	1.46E-01	4.32E-01	0.00E+00					
Neighborhood*HouseStyle Crawfor 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Crawfor SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Edwards 1.5Fin	1	0.099706	0.155836	0.64	1.25E-01	1.57E-01	1.42E-01	-1.45E-01	-4.26E-02					
Neighborhood*HouseStyle Edwards 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Edwards 1Story	1	0.018691	0.969795	0.02	-1.55E-02	-3.87E-03	8.50E-02	-9.99E-03	-1.24E-01					
Neighborhood*HouseStyle Edwards 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Edwards 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Edwards 2Story	1	-0.056504	0.123976	-0.46	-5.60E-02	2.76E-02	1.78E-02	6.63E-02	-1.95E-01					
Neighborhood*HouseStyle Edwards SFoyer	1	0.078847	0.198947	0.40	-1.27E-01	1.92E-01	2.65E-02	4.13E-02	-8.40E-02					
Neighborhood*HouseStyle Gilbert 1.5Fin	1	-0.224983	0.200966	-1.12	0.00E+00	-1.72E-01	-2.01E-01	-5.08E-01	-2.68E-01					
Neighborhood*HouseStyle Gilbert 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Gilbert 1Story	1	-0.128117	0.974941	-0.13	-2.24E-01	-1.43E-01	-7.61E-02	-2.11E-01	-1.17E-01					
Neighborhood*HouseStyle Gilbert 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Gilbert 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle Gilbert 2Story	1	-0.163716	0.112317	-1.46	-2.00E-01	-1.25E-01	-1.40E-01	-9.12E-02	-1.70E-01					
Neighborhood*HouseStyle Gilbert SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle IDOTRR 1.5Fin	1	0.150730	0.150495	1.00	-5.18E-02	1.30E-01	2.04E-01	-2.04E-01	3.00E-01					
Neighborhood*HouseStyle IDOTRR 1.5Unf	1	0.777233	0.296353	2.62	4.75E-01	9.67E-01	2.06E-01	-7.11E-02	9.64E-01					
Neighborhood*HouseStyle IDOTRR 1Story	1	0.088574	0.977847	0.09	-2.62E-01	9.67E-02	-9.57E-02	1.11E-01	3.79E-01					
Neighborhood*HouseStyle IDOTRR 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle IDOTRR 2.5Unf	1	0.619891	0.315564	1.96	2.92E-01	0.00E+00	5.97E-01	5.82E-01	3.52E-01					
Neighborhood*HouseStyle IDOTRR 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle IDOTRR SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle MeadowV 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle MeadowV 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle MeadowV 1Story	1	2.660474	2.949433	0.90	2.20E+00	-2.92E+01	2.93E+00	0.00E+00	0.00E+00					
Neighborhood*HouseStyle MeadowV 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					

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Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
Neighborhood*HouseStyle MeadowV 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle MeadowV 2Story	1	-1.005788	1.280959	-0.79	-5.54E-01	0.00E+00	6.16E+00	0.00E+00	-6.66E+00
Neighborhood*HouseStyle MeadowV SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle Mitchel 1.5Fin	1	0.032178	0.176316	0.18	3.91E-02	2.29E-02	-2.00E-02	-2.76E-01	2.38E-02
Neighborhood*HouseStyle Mitchel 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle Mitchel 1Story	1	-0.106169	0.969791	-0.11	-2.15E-01	-1.37E-01	-3.83E-02	-1.86E-01	-1.34E-01
Neighborhood*HouseStyle Mitchel 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle Mitchel 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle Mitchel 2Story	1	-0.021827	0.150787	-0.14	-4.68E-02	5.33E-02	-1.02E-01	6.94E-02	-3.22E-02
Neighborhood*HouseStyle Mitchel SFoyer	1	0.043097	0.192006	0.22	-9.42E-02	5.12E-02	4.13E-02	-4.11E-02	4.44E-02
Neighborhood*HouseStyle NAmes 1.5Fin	1	-0.068829	0.143752	-0.48	-1.00E-01	-6.95E-02	-3.42E-02	-3.33E-01	-1.12E-01
Neighborhood*HouseStyle NAmes 1.5Unf	1	0.304206	0.229121	1.33	4.77E-01	2.89E-01	-1.77E-01	-2.13E-01	2.26E-01
Neighborhood*HouseStyle NAmes 1Story	1	-0.066382	0.968430	-0.07	-1.95E-01	-1.19E-01	3.00E-02	-1.07E-01	-1.39E-01
Neighborhood*HouseStyle NAmes 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NAmes 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NAmes 2Story	1	-0.098666	0.105595	-0.93	-1.70E-01	-4.90E-02	-6.66E-02	5.86E-03	-1.30E-01
Neighborhood*HouseStyle NAmes SFoyer	1	0.085115	0.185402	0.46	-1.83E-01	1.34E-01	1.14E-01	6.37E-02	3.12E-02
Neighborhood*HouseStyle NPkVill 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NPkVill 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NPkVill 1Story	1	-0.205375	1.265994	-0.16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NPkVill 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NPkVill 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NPkVill 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NPkVill SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NWAmes 1.5Fin	1	0.144353	0.206395	0.70	5.90E-02	1.51E-01	2.27E-01	0.00E+00	8.62E-02
Neighborhood*HouseStyle NWAmes 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NWAmes 1Story	1	-0.031449	0.968461	-0.03	-1.83E-01	-6.17E-02	-1.01E-02	-4.67E-02	-9.84E-02
Neighborhood*HouseStyle NWAmes 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NWAmes 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborhood*HouseStyle NWAmes 2Story	1	0.027569	0.109244	0.25	-7.72E-02	7.39E-02	5.54E-02	8.81E-02	3.31E-02
Neighborhood*HouseStyle NWAmes SFoyer	1	0.243323	0.233533	1.04	-4.28E-02	0.00E+00	1.59E-01	2.23E-01	2.55E-01
Neighborhood*HouseStyle NoRidge 1.5Fin	1	0.010013	0.166062	0.06	-4.56E-02	-5.49E-02	-1.69E-02	-4.01E-01	5.52E-02
Neighborhood*HouseStyle NoRidge 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
Neighbor*HouseStyle NoRidge 1Story	1	-0.034383	0.988839	-0.03	-1.45E-01	-2.81E-01	-4.43E-02	-2.38E-01	8.58E-02
Neighbor*HouseStyle NoRidge 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NoRidge 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NoRidge 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NoRidge SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NridgHt 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NridgHt 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NridgHt 1Story	1	0.027484	0.974488	0.03	-5.48E-02	-1.65E-01	-1.98E-02	-6.47E-02	9.23E-02
Neighbor*HouseStyle NridgHt 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NridgHt 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NridgHt 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle NridgHt SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle OldTown 1.5Fin	1	-0.387708	0.285806	-1.36	-2.16E-01	-3.33E-01	-3.48E-01	-7.43E-01	-1.60E-02
Neighbor*HouseStyle OldTown 1.5Unf	1	0.453147	0.370859	1.22	4.23E-01	3.76E-01	0.00E+00	-8.11E-01	7.16E-01
Neighbor*HouseStyle OldTown 1Story	1	-0.253318	0.998956	-0.25	-1.44E-01	-3.02E-01	-1.50E-01	-3.11E-01	6.05E-02
Neighbor*HouseStyle OldTown 2.5Fin	1	-0.713799	0.485412	-1.47	0.00E+00	-4.22E-01	-6.64E-01	-2.64E-01	-1.29E-01
Neighbor*HouseStyle OldTown 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle OldTown 2Story	1	-0.401062	0.267268	-1.50	-2.08E-01	-3.85E-01	-3.43E-01	-3.94E-01	0.00E+00
Neighbor*HouseStyle OldTown SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle SWISU 1.5Fin	1	0.072636	0.173154	0.42	5.40E-02	7.13E-02	1.48E-01	-1.05E-01	6.80E-02
Neighbor*HouseStyle SWISU 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle SWISU 1Story	1	0.026330	0.989820	0.03	-1.18E-01	2.85E-02	8.27E-02	-7.74E-01	-2.41E-02
Neighbor*HouseStyle SWISU 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle SWISU 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle SWISU 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle SWISU SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle Sawyer 1.5Fin	1	0.082861	0.164559	0.50	8.98E-02	6.02E-02	7.97E-02	-1.33E-01	-4.36E-03
Neighbor*HouseStyle Sawyer 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle Sawyer 1Story	1	-0.103120	0.970211	-0.11	-1.39E-01	-1.68E-01	-1.26E-01	-8.51E-02	-1.43E-01
Neighbor*HouseStyle Sawyer 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle Sawyer 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighbor*HouseStyle Sawyer 2Story	1	-0.102701	0.128892	-0.80	-1.14E-01	-1.50E-02	-1.35E-01	-1.51E-01	-1.62E-01
Neighbor*HouseStyle Sawyer SFoyer	1	0.004652	0.196073	0.02	-1.61E-01	-1.59E-03	-7.98E-02	2.08E-02	2.49E-04

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Parameter Estimates									
Parameter	DF	Estimate	Standard Error	t Value	Cross Validation Estimates				
					1	2	3	4	5
Neighborh*HouseStyle SawyerW 1.5Fin	1	0.325702	0.269270	1.21	4.92E-01	0.00E+00	4.37E-01	0.00E+00	1.83E-01
Neighborh*HouseStyle SawyerW 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle SawyerW 1Story	1	-0.283766	0.974579	-0.29	-1.17E-01	-3.49E-01	-2.49E-01	-2.96E-01	-3.41E-01
Neighborh*HouseStyle SawyerW 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle SawyerW 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle SawyerW 2Story	1	-0.167752	0.173532	-0.97	0.00E+00	-9.00E-02	-1.64E-01	-1.82E-01	-1.87E-01
Neighborh*HouseStyle SawyerW SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Somerst 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Somerst 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Somerst 1Story	1	-0.071820	0.981739	-0.07	-6.99E-02	-2.41E-01	-4.54E-03	-2.84E-01	-1.80E-01
Neighborh*HouseStyle Somerst 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Somerst 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Somerst 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Somerst SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle StoneBr 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle StoneBr 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle StoneBr 1Story	1	-0.485790	0.993609	-0.49	-5.70E-01	-7.36E-01	-3.40E-01	-7.84E-01	-3.81E-01
Neighborh*HouseStyle StoneBr 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle StoneBr 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle StoneBr 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle StoneBr SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Timber 1.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Timber 1.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Timber 1Story	1	0.047355	0.971683	0.05	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00
Neighborh*HouseStyle Timber 2.5Fin	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Timber 2.5Unf	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Timber 2Story	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Neighborh*HouseStyle Timber SFoyer	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
GarageCars	1	-2.123064	0.848370	-2.50	-2.24E+00	-8.61E-01	-2.48E+00	-2.63E+00	-3.32E+00
YearBuilt*GarageCars	1	0.001026	0.000423	2.42	1.09E-03	4.33E-04	1.12E-03	1.25E-03	1.66E-03
TotalBsmt*GarageCars	1	-0.000057772	0.000020667	-2.80	-7.62E-05	-6.16E-05	-4.57E-05	-5.07E-05	-8.32E-05
Fireplace*GarageCars	1	0.035931	0.013565	2.65	2.69E-02	4.17E-02	4.80E-02	3.25E-02	4.19E-02
GarageCars*BldgType 1Fam	1	0.000097979	0.087382	0.00	-2.28E-02	-8.40E-02	6.05E-02	4.91E-02	4.92E-02

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Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
					1	2	3	4	5					
GarageCars*BldgType 2fmCon	1	-0.142911	0.100010	-1.43	-2.63E-01	-2.21E-01	-1.44E-01	-1.32E-01	-2.02E-02					
GarageCars*BldgType Duplex	1	0.021121	0.093442	0.23	1.55E-02	-5.45E-02	5.08E-02	7.11E-02	8.18E-02					
GarageCars*BldgType Twnhs	1	0.250797	0.215920	1.16	1.33E-01	4.13E-01	3.86E-01	0.00E+00	-1.39E-01					
GarageCar*HouseStyle 1.5Fin	1	0.083236	0.047223	1.76	6.90E-02	1.12E-01	1.14E-01	9.77E-02	5.29E-02					
GarageCar*HouseStyle 1.5Unf	1	0.047520	0.091439	0.52	-2.97E-02	1.52E-02	8.35E-02	1.26E-01	2.78E-02					
GarageCar*HouseStyle 1Story	1	0.030730	0.042571	0.72	3.46E-02	2.85E-02	8.54E-02	3.58E-02	-9.11E-03					
GarageCar*HouseStyle 2.5Fin	1	-0.356023	0.402067	-0.89	0.00E+00	-3.21E-02	-3.62E-01	0.00E+00	-1.28E-01					
GarageCar*HouseStyle 2.5Unf	1	-0.211922	0.081626	-2.60	-1.75E-01	0.00E+00	-1.73E-01	-3.36E-01	-2.66E-01					
GarageCar*HouseStyle 2Story	1	-0.017171	0.045941	-0.37	-2.09E-03	-1.28E-02	2.37E-02	3.53E-03	-6.55E-02					
GarageCar*HouseStyle SFoyer	1	0.005869	0.057475	0.10	-1.93E-03	2.11E-02	6.69E-02	2.44E-02	-7.15E-02					
GarageCar*Neighborhood Blmngtn	1	-0.753847	0.463024	-1.63	-7.21E-01	-7.17E-01	-8.73E-01	1.12E+00	-6.37E-01					
GarageCar*Neighborhood Blueste	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
GarageCar*Neighborhood BrDale	1	0.043814	0.259495	0.17	8.23E-02	-2.44E-01	2.72E-02	-2.37E-01	6.26E-01					
GarageCar*Neighborhood BrkSide	1	0.139462	0.080988	1.72	1.83E-01	1.47E-01	1.98E-01	1.25E-01	1.20E-01					
GarageCar*Neighborhood ClearCr	1	0.268957	0.099287	2.71	2.25E-01	1.86E-01	3.16E-01	2.75E-01	2.79E-01					
GarageCar*Neighborhood CollgCr	1	0.195605	0.072932	2.68	2.28E-01	2.09E-01	2.21E-01	1.79E-01	1.60E-01					
GarageCar*Neighborhood Crawfor	1	0.164741	0.082628	1.99	2.08E-01	1.35E-01	1.67E-01	1.72E-01	1.71E-01					
GarageCar*Neighborhood Edwards	1	0.163989	0.075417	2.17	1.71E-01	1.23E-01	2.15E-01	1.86E-01	1.60E-01					
GarageCar*Neighborhood Gilbert	1	0.208080	0.095052	2.19	2.89E-01	2.20E-01	2.39E-01	1.84E-01	1.13E-01					
GarageCar*Neighborhood IDOTRR	1	0.150741	0.082792	1.82	1.34E-01	4.92E-02	2.13E-01	2.21E-01	1.44E-01					
GarageCar*Neighborhood MeadowV	1	-0.066802	0.226986	-0.29	1.72E-02	0.00E+00	0.00E+00	0.00E+00	2.24E-01					
GarageCar*Neighborhood Mitchel	1	0.206605	0.075783	2.73	1.55E-01	2.33E-01	2.66E-01	2.10E-01	1.83E-01					
GarageCar*Neighborhood NAmes	1	0.157442	0.071960	2.19	1.88E-01	1.46E-01	1.81E-01	1.63E-01	1.39E-01					
GarageCar*Neighborhood NPkVill	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
GarageCar*Neighborhood NWAmes	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					
GarageCar*Neighborhood NoRidge	1	0.223710	0.087900	2.55	2.07E-01	2.02E-01	2.52E-01	2.30E-01	2.17E-01					
GarageCar*Neighborhood NridgHt	1	0.151435	0.088888	1.70	2.24E-01	1.59E-01	1.77E-01	1.64E-01	7.88E-02					
GarageCar*Neighborhood OldTown	1	0.254480	0.078385	3.25	2.73E-01	2.18E-01	3.42E-01	2.99E-01	1.91E-01					
GarageCar*Neighborhood SWISU	1	0.232823	0.094658	2.46	3.49E-01	1.31E-01	3.11E-01	2.85E-01	2.38E-01					
GarageCar*Neighborhood Sawyer	1	0.161572	0.076385	2.12	2.05E-01	1.51E-01	1.74E-01	1.90E-01	1.35E-01					
GarageCar*Neighborhood SawyerW	1	0.093512	0.086040	1.09	1.14E-01	9.47E-02	1.56E-01	5.20E-02	4.45E-02					
GarageCar*Neighborhood Somerst	1	0.077210	0.078297	0.99	1.09E-01	1.28E-01	8.79E-02	4.30E-02	2.67E-02					

Backward Selection Multiple Linear Regression

The GLMSELECT Procedure Selected Model

Parameter	DF	Estimate	Standard Error	t Value	Parameter Estimates					Cross Validation Estimates				
										1	2	3	4	5
GarageCar*Neighborhood StoneBr	1	-0.073913	0.140997	-0.52	1.00E-01	-3.37E-02	1.63E-01	-1.79E-01	-8.91E-02					
GarageCar*Neighborhood Timber	0	0	.	.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00					

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Number of Observations Read	2919
Number of Observations Used	1452
Number of Observations with Missing Values	1467

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	398	218.36122	0.54865	44.23	<.0001
Error	1053	13.06099	0.01240		
Corrected Total	1451	231.42221			

Root MSE	0.11137	R-Square	0.9436
Dependent Mean	12.02239	Adj R-Sq	0.9222
Coeff Var	0.92637		

Note: Model is not full rank. Least-squares solutions for the parameters are not unique. Some statistics will be misleading. A reported DF of 0 or B means that the estimate is biased.

Note: The following parameters have been set to 0, since the variables are a linear combination of other variables as shown.

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 1.5Un =	<pre> 7.65E-8 * Intercept - 65E-11 * GrLlvArea_I + 909E-17 * LotArea - 101E-12 * OverallCond - 359E-13 * YearBuilt + 305E-22 * Lot Area*YearBuilt + 483E-15 * MasVnrArea + 272E-15 * TotalBsmt SF + 209E-12 * FullBath + 195E-15 * GrLlvArea_*FullBath - 498E-13 * Fireplaces - 112E-15 * GrLlvArea*Fireplaces + 522E-14 * LotConfig CulDSac - 834E-14 * LotConfig FR2 - 268E-17 * YearBuilt*LotConfig CulDSac + 4E-15 * YearBuilt*LotConfig FR2 - 623E-12 * BldgType 1Fam + 1 * HouseStyle 1.5Unf - 163E-12 * HouseStyle 1Story - 625E-12 * HouseStyle 2.5Fin - 623E-12 * HouseStyle 2.5Unf - 1 * BldgType*HouseStyle 1Fam 1.5Unf + 625E-12 * BldgType*HouseStyle 1Fam 2.5Fin + 623E-12 * BldgType*HouseStyle 1Fam 2.5Unf - 623E-12 * BldgType*HouseStyle 2fmCon 1.5Fi + 623E-12 * BldgType*HouseStyle 2fmCon 1Stor + 623E-12 * BldgType*HouseStyle 2fmCon 2Stor + 7.58E-8 * Neighborhood Blmngtn - 2.76E-9 * Neighborhood Blueste + 7.65E-8 * Neighborhood BrDale + 7.59E-8 * Neighborhood BrkSide + 7.59E-8 * Neighborhood ClearCr + 7.65E-8 * Neighborhood CollgCr + 7.65E-8 * Neighborhood Crawfor + 7.65E-8 * Neighborhood Edwards + 7.59E-8 * Neighborhood Gilbert + 7.65E-8 * Neighborhood IDOTRR + 7.66E-8 * Neighborhood MeadowV + 7.65E-8 * Neighborhood Mitchel + 7.65E-8 * Neighborhood NAmes + 7.64E-8 * Neighborhood NPKVill + 7.65E-8 * Neighborhood NWAmes + 7.59E-8 * Neighborhood NoRidge + 7.6E-8 * Neighborhood NridgHt + 7.65E-8 * Neighborhood OldTown + 7.59E-8 * Neighborhood SWISU + 7.65E-8 * Neighborhood Sawyer + 7.65E-8 * Neighborhood SawyerW + 7.65E-8 * Neighborhood Somerst + 7.65E-8 * Neighborhood StoneBr + 7.59E-8 * Neighborhood Timber - 65E-11 * GrLlvArea*Neighborhood Blmngtn + 444E-12 * GrLlvArea*Neighborhood Blueste - 651E-12 * GrLlvArea*Neighborhood BrDale - 65E-11 * GrLlvArea*Neighborhood BrkSide - 65E-11 * GrLlvArea*Neighborhood ClearCr - 65E-11 * GrLlvArea*Neighborhood CollgCr - 65E-11 * GrLlvArea*Neighborhood Crawfor - 65E-11 * GrLlvArea*Neighborhood Edwards - 65E-11 * GrLlvArea*Neighborhood Gilbert - 65E-11 * GrLlvArea*Neighborhood IDOTRR - 651E-12 * GrLlvArea*Neighborhood MeadowV - 65E-11 * GrLlvArea*Neighborhood Mitchel - 65E-11 * GrLlvArea*Neighborhood NAmes - 653E-12 * GrLlvArea*Neighborhood NPKVill - 65E-11 * GrLlvArea*Neighborhood NWAmes - 65E-11 * GrLlvArea*Neighborhood NoRidge - 65E-11 * GrLlvArea*Neighborhood NridgHt - 65E-11 * GrLlvArea*Neighborhood OldTown - 65E-11 * GrLlvArea*Neighborhood SWISU - 65E-11 * GrLlvArea*Neighborhood Sawyer - 65E-11 * GrLlvArea*Neighborhood SawyerW - 65E-11 * GrLlvArea*Neighborhood Somerst - 65E-11 * GrLlvArea*Neighborhood StoneBr - 651E-12 * GrLlvArea*Neighborhood Timber + 917E-17 * LotArea*Neighborhood Blmngtn + 913E-17 * LotArea*Neighborhood BrDale + 913E-17 * LotArea*Neighborhood BrkSide + 913E-17 * LotArea*Neighborhood ClearCr + 914E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 1.5Un =	CollgCr + 913E-17 * LotArea*Neighborhood Crawfor + 913E-17 * LotArea*Neighborhood Edwards + 913E-17 * LotArea*Neighborhood Gilbert + 913E-17 * LotArea*Neighborhood IDOTRR + 943E-17 * LotArea*Neighborhood MeadowV + 913E-17 * LotArea*Neighborhood Mitchel + 913E-17 * LotArea*Neighborhood NAmes + 909E-17 * LotArea*Neighborhood NPKVill + 912E-17 * LotArea*Neighborhood NWAmes + 913E-17 * LotArea*Neighborhood NoRidge + 913E-17 * LotArea*Neighborhood NridgHt + 913E-17 * LotArea*Neighborhood OldTown + 913E-17 * LotArea*Neighborhood SWISU + 913E-17 * LotArea*Neighborhood Sawyer + 914E-17 * LotArea*Neighborhood SawyerW + 912E-17 * LotArea*Neighborhood Somerst + 913E-17 * LotArea*Neighborhood StoneBr + 913E-17 * LotArea*Neighborhood Timber - 101E-12 * OverallCo*Neighborho BrDale - 101E-12 * OverallCo*Neighborho BrkSide - 101E-12 * OverallCo*Neighborho ClearCr - 101E-12 * OverallCo*Neighborho CollgCr - 101E-12 * OverallCo*Neighborho Crawfor - 101E-12 * OverallCo*Neighborho Edwards - 101E-12 * OverallCo*Neighborho Gilbert - 101E-12 * OverallCo*Neighborho IDOTRR - 101E-12 * OverallCo*Neighborho MeadowV - 101E-12 * OverallCo*Neighborho Mitchel - 101E-12 * OverallCo*Neighborho NAmes - 101E-12 * OverallCo*Neighborho NPKVill - 101E-12 * OverallCo*Neighborho NWAmes - 101E-12 * OverallCo*Neighborho NoRidge - 101E-12 * OverallCo*Neighborho OldTown - 101E-12 * OverallCo*Neighborho SWISU - 101E-12 * OverallCo*Neighborho Sawyer - 101E-12 * OverallCo*Neighborho SawyerW - 101E-12 * OverallCo*Neighborho Somerst - 101E-12 * OverallCo*Neighborho StoneBr - 101E-12 * OverallCo*Neighborho Timber - 359E-13 * YearBuilt*Neighborho Blmgtn - 36E-12 * YearBuilt*Neighborho BrDale - 359E-13 * YearBuilt*Neighborho BrkSide - 359E-13 * YearBuilt*Neighborho ClearCr - 359E-13 * YearBuilt*Neighborho CollgCr - 359E-13 * YearBuilt*Neighborho Crawfor - 359E-13 * YearBuilt*Neighborho Edwards - 359E-13 * YearBuilt*Neighborho Gilbert - 359E-13 * YearBuilt*Neighborho IDOTRR - 36E-12 * YearBuilt*Neighborho MeadowV - 359E-13 * YearBuilt*Neighborho Mitchel - 359E-13 * YearBuilt*Neighborho NAmes - 357E-13 * YearBuilt*Neighborho NPKVill - 359E-13 * YearBuilt*Neighborho NWAmes - 36E-12 * YearBuilt*Neighborho NoRidge - 359E-13 * YearBuilt*Neighborho NridgHt - 359E-13 * YearBuilt*Neighborho OldTown - 359E-13 * YearBuilt*Neighborho SWISU - 359E-13 * YearBuilt*Neighborho Sawyer - 359E-13 * YearBuilt*Neighborho SawyerW - 359E-13 * YearBuilt*Neighborho Somerst - 359E-13 * YearBuilt*Neighborho StoneBr - 36E-12 * YearBuilt*Neighborho Timber + 483E-15 * MasVnrAre*Neighborho Blmgtn + 483E-15 * MasVnrAre*Neighborho BrDale + 483E-15 * MasVnrAre*Neighborho BrkSide + 482E-15 * MasVnrAre*Neighborho ClearCr + 482E-15 * MasVnrAre*Neighborho CollgCr + 483E-15 * MasVnrAre*Neighborho Crawfor + 483E-15 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 1.5Un =	Edwards + 482E-15 * MasVnrAre*Neighborhood Gilbert + 483E-15 * MasVnrAre*Neighborhood IDOTRR + 481E-15 * MasVnrAre*Neighborhood MeadowV + 483E-15 * MasVnrAre*Neighborhood Mitchel + 483E-15 * MasVnrAre*Neighborhood NAmes + 483E-15 * MasVnrAre*Neighborhood NWAmes + 483E-15 * MasVnrAre*Neighborhood NoRidge + 483E-15 * MasVnrAre*Neighborhood NridgHt + 483E-15 * MasVnrAre*Neighborhood OldTown + 483E-15 * MasVnrAre*Neighborhood SWISU + 483E-15 * MasVnrAre*Neighborhood Sawyer + 482E-15 * MasVnrAre*Neighborhood SawyerW + 483E-15 * MasVnrAre*Neighborhood Somerst + 482E-15 * MasVnrAre*Neighborhood StoneBr + 482E-15 * MasVnrAre*Neighborhood Timber + 273E-15 * TotalBsmt*Neighborhood Blmgtn + 273E-15 * TotalBsmt*Neighborhood BrDale + 273E-15 * TotalBsmt*Neighborhood BrkSide + 273E-15 * TotalBsmt*Neighborhood ClearCr + 273E-15 * TotalBsmt*Neighborhood CollgCr + 273E-15 * TotalBsmt*Neighborhood Crawfor + 273E-15 * TotalBsmt*Neighborhood Edwards + 273E-15 * TotalBsmt*Neighborhood Gilbert + 273E-15 * TotalBsmt*Neighborhood IDOTRR + 273E-15 * TotalBsmt*Neighborhood MeadowV + 273E-15 * TotalBsmt*Neighborhood Mitchel + 273E-15 * TotalBsmt*Neighborhood NAmes + 273E-15 * TotalBsmt*Neighborhood NPkVill + 273E-15 * TotalBsmt*Neighborhood NWAmes + 273E-15 * TotalBsmt*Neighborhood NoRidge + 273E-15 * TotalBsmt*Neighborhood NridgHt + 273E-15 * TotalBsmt*Neighborhood OldTown + 272E-15 * TotalBsmt*Neighborhood SWISU + 273E-15 * TotalBsmt*Neighborhood Sawyer + 273E-15 * TotalBsmt*Neighborhood SawyerW + 273E-15 * TotalBsmt*Neighborhood Somerst + 273E-15 * TotalBsmt*Neighborhood StoneBr + 273E-15 * TotalBsmt*Neighborhood Timber + 21E-11 * FullBath*Neighborhood Blmgtn + 21E-11 * FullBath*Neighborhood BrDale + 21E-11 * FullBath*Neighborhood BrkSide + 21E-11 * FullBath*Neighborhood ClearCr + 21E-11 * FullBath*Neighborhood CollgCr + 21E-11 * FullBath*Neighborhood Crawfor + 21E-11 * FullBath*Neighborhood Edwards + 21E-11 * FullBath*Neighborhood Gilbert + 21E-11 * FullBath*Neighborhood IDOTRR + 21E-11 * FullBath*Neighborhood MeadowV + 21E-11 * FullBath*Neighborhood Mitchel + 21E-11 * FullBath*Neighborhood NAmes + 21E-11 * FullBath*Neighborhood NWAmes + 21E-11 * FullBath*Neighborhood NoRidge + 21E-11 * FullBath*Neighborhood NridgHt + 21E-11 * FullBath*Neighborhood OldTown + 21E-11 * FullBath*Neighborhood SWISU + 21E-11 * FullBath*Neighborhood Sawyer + 21E-11 * FullBath*Neighborhood SawyerW + 21E-11 * FullBath*Neighborhood Somerst + 21E-11 * FullBath*Neighborhood StoneBr + 21E-11 * FullBath*Neighborhood Timber - 505E-13 * Fireplace*Neighborhood Blmgtn - 505E-13 * Fireplace*Neighborhood BrDale - 504E-13 * Fireplace*Neighborhood BrkSide - 505E-13 * Fireplace*Neighborhood ClearCr - 505E-13 * Fireplace*Neighborhood CollgCr - 505E-13 * Fireplace*Neighborhood Crawfor - 506E-13 * Fireplace*Neighborhood Edwards - 506E-13 * Fireplace*Neighborhood Gilbert - 505E-13 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 1.5Un =	IDOTRR - 503E-13 * Fireplace*Neighborhood MeadowV - 505E-13 * Fireplace*Neighborhood Mitchel - 505E-13 * Fireplace*Neighborhood NAmes - 505E-13 * Fireplace*Neighborhood NPkVill - 505E-13 * Fireplace*Neighborhood NWAmes - 506E-13 * Fireplace*Neighborhood NoRidge - 506E-13 * Fireplace*Neighborhood NridgHt - 505E-13 * Fireplace*Neighborhood OldTown - 505E-13 * Fireplace*Neighborhood SWISU - 505E-13 * Fireplace*Neighborhood Sawyer - 505E-13 * Fireplace*Neighborhood SawyerW - 505E-13 * Fireplace*Neighborhood Somerst - 506E-13 * Fireplace*Neighborhood StoneBr - 506E-13 * Fireplace*Neighborhood Timber - 623E-12 * Neighborhood*BldgType Blmgtn 1Fa - 623E-12 * Neighborhood*BldgType CollCr 1Fa - 623E-12 * Neighborhood*BldgType Crawfor 1Fa - 623E-12 * Neighborhood*BldgType Crawfor 2fm - 623E-12 * Neighborhood*BldgType Edwards 1Fa - 623E-12 * Neighborhood*BldgType Edwards 2fm - 623E-12 * Neighborhood*BldgType IDOTRR 1Fam - 623E-12 * Neighborhood*BldgType IDOTRR 2fmc - 623E-12 * Neighborhood*BldgType Mitchel 1Fa - 623E-12 * Neighborhood*BldgType Mitchel 2fm - 623E-12 * Neighborhood*BldgType NAmes 1Fam - 623E-12 * Neighborhood*BldgType NWAmes 1Fam - 623E-12 * Neighborhood*BldgType NridgHt 1Fa - 623E-12 * Neighborhood*BldgType OldTown 1Fa - 623E-12 * Neighborhood*BldgType OldTown 2fm - 623E-12 * Neighborhood*BldgType Sawyer 1Fam - 623E-12 * Neighborhood*BldgType Sawyer 2fmc - 623E-12 * Neighborhood*BldgType SawyerW 1Fa - 623E-12 * Neighborhood*BldgType Somerst 1Fa - 623E-12 * Neighborhood*BldgType StoneBr 1Fa - 163E-12 * Neighborhood*HouseStyle BrkSide 1St - 163E-12 * Neighborhood*HouseStyle ClearCr 1St - 163E-12 * Neighborhood*HouseStyle CollCr 1St - 162E-12 * Neighborhood*HouseStyle Crawfor 1St - 163E-12 * Neighborhood*HouseStyle Edwards 1St - 163E-12 * Neighborhood*HouseStyle Gilbert 1St - 162E-12 * Neighborhood*HouseStyle IDOTRR 1Sto - 163E-12 * Neighborhood*HouseStyle MeadowV 1St - 163E-12 * Neighborhood*HouseStyle Mitchel 1St - 163E-12 * Neighborhood*HouseStyle NAmes 1Stor - 164E-12 * Neighborhood*HouseStyle NPkVill 1St - 163E-12 * Neighborhood*HouseStyle NWAmes 1Sto - 162E-12 * Neighborhood*HouseStyle NoRidge 1St - 162E-12 * Neighborhood*HouseStyle NridgHt 1St - 163E-12 * Neighborhood*HouseStyle OldTown 1St - 162E-12 * Neighborhood*HouseStyle SWISU 1Stor - 163E-12 * Neighborhood*HouseStyle Sawyer 1Sto - 163E-12 * Neighborhood*HouseStyle SawyerW 1St - 163E-12 * Neighborhood*HouseStyle Somerst 1St - 162E-12 * Neighborhood*HouseStyle StoneBr 1St - 163E-12 * Neighborhood*HouseStyle Timber 1Sto + 121E-14 * GarageCars - 413E-18 * YearBuilt*GarageCars
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 2.5Fi =	<pre> -3.29E-8 * Intercept + 279E-12 * GrLlvArea_I - 389E-17 * Lot Area + 435E-13 * OverallCond + 155E-13 * YearBuilt - 179E-22 * LotArea*YearBuilt - 207E-15 * MasVnrArea - 117E-15 * Total BsmtSF - 895E-13 * FullBath - 838E-16 * GrLlvArea_I*FullBath + 215E-13 * Fireplaces - 228E-14 * LotConfig CulDSac + 355E-14 * LotConfig FR2 + 117E-17 * YearBuilt*LotConfig CulDSac - 171E-17 * YearBuilt*LotConfig FR2 + 268E-12 * BldgType 1Fam + 268E-12 * HouseStyle 1.5Unf + 699E-13 * HouseStyle 1Story + 1 * HouseStyle 2.5Fin + 268E-12 * HouseStyle 2.5Unf - 268E-12 * BldgType*HouseStyle 1Fam 1.5Unf - 1 * BldgType*HouseStyle 1Fam 2.5Fin - 268E-12 * BldgType*HouseStyle 1Fam 2.5Unf + 268E-12 * BldgType*HouseStyle 2fmCon 1.5Fi + 268E-12 * BldgType*HouseStyle 2fmCon 1Stor - 268E-12 * BldgType*HouseStyle 2fmCon 2Stor - 3.26E-8 * Neighborhood Blmgtn + 1.19E-9 * Neighborhood Blueste - 3.29E-8 * Neighborhood BrDale - 3.26E-8 * Neighborhood BrkSide - 3.26E-8 * Neighborhood ClearCr - 3.29E-8 * Neighborhood CollgCr - 3.29E-8 * Neighborhood Crawfor - 3.29E-8 * Neighborhood Edwards - 3.26E-8 * Neighborhood Gilbert - 3.29E-8 * Neighborhood IDOTRR - 3.29E-8 * Neighborhood MeadowV - 3.29E-8 * Neighborhood Mitchel - 3.29E-8 * Neighborhood NAmes - 3.29E-8 * Neighborhood NPkVill - 3.29E-8 * Neighborhood NWAmes - 3.26E-8 * Neighborhood NoRidge - 3.27E-8 * Neighborhood NridgHt - 3.29E-8 * Neighborhood OldTown - 3.26E-8 * Neighborhood SWISU - 3.29E-8 * Neighborhood Sawyer - 3.29E-8 * Neighborhood SawyerW - 3.29E-8 * Neighborhood Somerst - 3.29E-8 * Neighborhood StoneBr - 3.26E-8 * Neighborhood Timber + 279E-12 * GrLlvArea*Neighborhood Blmgtn - 191E-12 * GrLlvArea*Neighborhood Blueste + 279E-12 * GrLlvArea*Neighborhood BrDale + 279E-12 * GrLlvArea*Neighborhood BrkSide + 279E-12 * GrLlvArea*Neighborhood ClearCr + 279E-12 * GrLlvArea*Neighborhood CollgCr + 279E-12 * GrLlvArea*Neighborhood Crawfor + 279E-12 * GrLlvArea*Neighborhood Edwards + 279E-12 * GrLlvArea*Neighborhood Gilbert + 279E-12 * GrLlvArea*Neighborhood IDOTRR + 279E-12 * GrLlvArea*Neighborhood MeadowV + 279E-12 * GrLlvArea*Neighborhood Mitchel + 279E-12 * GrLlvArea*Neighborhood NAmes + 279E-12 * GrLlvArea*Neighborhood NPkVill + 279E-12 * GrLlvArea*Neighborhood NWAmes + 279E-12 * GrLlvArea*Neighborhood NoRidge + 279E-12 * GrLlvArea*Neighborhood NridgHt + 279E-12 * GrLlvArea*Neighborhood OldTown + 279E-12 * GrLlvArea*Neighborhood SWISU + 279E-12 * GrLlvArea*Neighborhood Sawyer + 279E-12 * GrLlvArea*Neighborhood SawyerW + 279E-12 * GrLlvArea*Neighborhood Somerst + 279E-12 * GrLlvArea*Neighborhood StoneBr + 279E-12 * GrLlvArea*Neighborhood Timber - 389E-17 * LotArea*Neighborhood Blmgtn - 392E-17 * LotArea*Neighborhood BrDale - 393E-17 * LotArea*Neighborhood BrkSide - 392E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 2.5Fi =	ClearCr - 393E-17 * LotArea*Neighborhood CollgCr - 392E-17 * LotArea*Neighborhood Crawfor - 392E-17 * LotArea*Neighborhood Edwards - 392E-17 * LotArea*Neighborhood Gilbert - 392E-17 * LotArea*Neighborhood IDOTRR - 391E-17 * LotArea*Neighborhood MeadowV - 392E-17 * LotArea*Neighborhood Mitchel - 392E-17 * LotArea*Neighborhood NAmes - 393E-17 * LotArea*Neighborhood NPkVill - 392E-17 * LotArea*Neighborhood NWAmes - 392E-17 * LotArea*Neighborhood NoRidge - 392E-17 * LotArea*Neighborhood NridgHt - 392E-17 * LotArea*Neighborhood OldTown - 392E-17 * LotArea*Neighborhood SWISU - 392E-17 * LotArea*Neighborhood Sawyer - 393E-17 * LotArea*Neighborhood SawyerW - 392E-17 * LotArea*Neighborhood Somerst - 392E-17 * LotArea*Neighborhood StoneBr - 392E-17 * LotArea*Neighborhood Timber + 435E-13 * OverallCo*Neighborho BrDale + 435E-13 * OverallCo*Neighborho BrkSide + 435E-13 * OverallCo*Neighborho ClearCr + 435E-13 * OverallCo*Neighborho CollgCr + 435E-13 * OverallCo*Neighborho Crawfor + 435E-13 * OverallCo*Neighborho Edwards + 435E-13 * OverallCo*Neighborho Gilbert + 435E-13 * OverallCo*Neighborho IDOTRR + 435E-13 * OverallCo*Neighborho MeadowV + 435E-13 * OverallCo*Neighborho Mitchel + 435E-13 * OverallCo*Neighborho NAmes + 435E-13 * OverallCo*Neighborho NPkVill + 435E-13 * OverallCo*Neighborho NWAmes + 435E-13 * OverallCo*Neighborho NoRidge + 435E-13 * OverallCo*Neighborho OldTown + 435E-13 * OverallCo*Neighborho SWISU + 435E-13 * OverallCo*Neighborho Sawyer + 435E-13 * OverallCo*Neighborho SawyerW + 435E-13 * OverallCo*Neighborho Somerst + 435E-13 * OverallCo*Neighborho StoneBr + 434E-13 * OverallCo*Neighborho Timber + 155E-13 * YearBuilt*Neighborho Blmgtn + 155E-13 * YearBuilt*Neighborho BrDale + 155E-13 * YearBuilt*Neighborho BrkSide + 155E-13 * YearBuilt*Neighborho ClearCr + 155E-13 * YearBuilt*Neighborho CollgCr + 155E-13 * YearBuilt*Neighborho Crawfor + 155E-13 * YearBuilt*Neighborho Edwards + 155E-13 * YearBuilt*Neighborho Gilbert + 155E-13 * YearBuilt*Neighborho IDOTRR + 154E-13 * YearBuilt*Neighborho MeadowV + 155E-13 * YearBuilt*Neighborho Mitchel + 155E-13 * YearBuilt*Neighborho NAmes + 154E-13 * YearBuilt*Neighborho NPkVill + 155E-13 * YearBuilt*Neighborho NWAmes + 155E-13 * YearBuilt*Neighborho NoRidge + 155E-13 * YearBuilt*Neighborho NridgHt + 155E-13 * YearBuilt*Neighborho OldTown + 155E-13 * YearBuilt*Neighborho SWISU + 155E-13 * YearBuilt*Neighborho Sawyer + 155E-13 * YearBuilt*Neighborho SawyerW + 155E-13 * YearBuilt*Neighborho Somerst + 155E-13 * YearBuilt*Neighborho StoneBr + 155E-13 * YearBuilt*Neighborho Timber - 207E-15 * MasVnrAre*Neighborho Blmgtn - 207E-15 * MasVnrAre*Neighborho BrDale - 207E-15 * MasVnrAre*Neighborho BrkSide - 207E-15 * MasVnrAre*Neighborho ClearCr - 207E-15 * MasVnrAre*Neighborho CollgCr - 207E-15 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 2.5Fi =	Crawfor - 207E-15 * MasVnrAre*Neighborhood Edwards - 207E-15 * MasVnrAre*Neighborhood Gilbert - 207E-15 * MasVnrAre*Neighborhood IDOTRR - 205E-15 * MasVnrAre*Neighborhood MeadowV - 207E-15 * MasVnrAre*Neighborhood Mitchel - 207E-15 * MasVnrAre*Neighborhood NAmes - 207E-15 * MasVnrAre*Neighborhood NWAmes - 207E-15 * MasVnrAre*Neighborhood NoRidge - 207E-15 * MasVnrAre*Neighborhood NridgHt - 207E-15 * MasVnrAre*Neighborhood OldTown - 207E-15 * MasVnrAre*Neighborhood SWISU - 207E-15 * MasVnrAre*Neighborhood Sawyer - 207E-15 * MasVnrAre*Neighborhood SawyerW - 207E-15 * MasVnrAre*Neighborhood Somerset - 207E-15 * MasVnrAre*Neighborhood StoneBr - 207E-15 * MasVnrAre*Neighborhood Timber - 117E-15 * TotalBsmt*Neighborhood Blmgtn - 117E-15 * TotalBsmt*Neighborhood BrDale - 117E-15 * TotalBsmt*Neighborhood BrkSide - 117E-15 * TotalBsmt*Neighborhood ClearCr - 117E-15 * TotalBsmt*Neighborhood CollgCr - 117E-15 * TotalBsmt*Neighborhood Crawfor - 117E-15 * TotalBsmt*Neighborhood Edwards - 117E-15 * TotalBsmt*Neighborhood Gilbert - 117E-15 * TotalBsmt*Neighborhood IDOTRR - 117E-15 * TotalBsmt*Neighborhood MeadowV - 117E-15 * TotalBsmt*Neighborhood Mitchel - 117E-15 * TotalBsmt*Neighborhood NAmes - 117E-15 * TotalBsmt*Neighborhood NPkVill - 117E-15 * TotalBsmt*Neighborhood NWAmes - 117E-15 * TotalBsmt*Neighborhood NoRidge - 117E-15 * TotalBsmt*Neighborhood NridgHt - 117E-15 * TotalBsmt*Neighborhood OldTown - 117E-15 * TotalBsmt*Neighborhood SWISU - 117E-15 * TotalBsmt*Neighborhood Sawyer - 117E-15 * TotalBsmt*Neighborhood SawyerW - 117E-15 * TotalBsmt*Neighborhood Somerset - 117E-15 * TotalBsmt*Neighborhood StoneBr - 117E-15 * TotalBsmt*Neighborhood Timber - 902E-13 * FullBath*Neighborhood Blmgtn - 902E-13 * FullBath*Neighborhood BrDale - 902E-13 * FullBath*Neighborhood BrkSide - 902E-13 * FullBath*Neighborhood ClearCr - 902E-13 * FullBath*Neighborhood CollgCr - 902E-13 * FullBath*Neighborhood Crawfor - 902E-13 * FullBath*Neighborhood Edwards - 901E-13 * FullBath*Neighborhood Gilbert - 901E-13 * FullBath*Neighborhood IDOTRR - 903E-13 * FullBath*Neighborhood MeadowV - 901E-13 * FullBath*Neighborhood Mitchel - 901E-13 * FullBath*Neighborhood NAmes - 901E-13 * FullBath*Neighborhood NWAmes - 902E-13 * FullBath*Neighborhood NoRidge - 902E-13 * FullBath*Neighborhood NridgHt - 902E-13 * FullBath*Neighborhood OldTown - 901E-13 * FullBath*Neighborhood SWISU - 901E-13 * FullBath*Neighborhood Sawyer - 902E-13 * FullBath*Neighborhood SawyerW - 902E-13 * FullBath*Neighborhood Somerset - 902E-13 * FullBath*Neighborhood StoneBr - 903E-13 * FullBath*Neighborhood Timber + 218E-13 * Fireplace*Neighborhood Blmgtn + 218E-13 * Fireplace*Neighborhood BrDale + 217E-13 * Fireplace*Neighborhood BrkSide + 218E-13 * Fireplace*Neighborhood ClearCr + 218E-13 * Fireplace*Neighborhood CollgCr + 218E-13 * Fireplace*Neighborhood Crawfor + 218E-13 * Fireplace*Neighborhood Edwards + 218E-13 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 2.5Fi =	Gilbert + 218E-13 * Fireplace*Neighborhood IDOTRR + 219E-13 * Fireplace*Neighborhood MeadowV + 218E-13 * Fireplace*Neighborhood Mitchel + 218E-13 * Fireplace*Neighborhood NAmes + 218E-13 * Fireplace*Neighborhood NPkVill + 218E-13 * Fireplace*Neighborhood NWAmes + 218E-13 * Fireplace*Neighborhood NoRidge + 218E-13 * Fireplace*Neighborhood NridgHt + 218E-13 * Fireplace*Neighborhood OldTown + 218E-13 * Fireplace*Neighborhood SWISU + 218E-13 * Fireplace*Neighborhood Sawyer + 218E-13 * Fireplace*Neighborhood SawyerW + 218E-13 * Fireplace*Neighborhood Somerst + 218E-13 * Fireplace*Neighborhood StoneBr + 218E-13 * Fireplace*Neighborhood Timber + 268E-12 * Neighborhood*BldgType Blmngtn 1Fa + 268E-12 * Neighborhood*BldgType CollCr 1Fa + 268E-12 * Neighborhood*BldgType Crawfor 1Fa + 268E-12 * Neighborhood*BldgType Crawfor 2fm + 268E-12 * Neighborhood*BldgType Edwards 1Fa + 268E-12 * Neighborhood*BldgType Edwards 2fm + 268E-12 * Neighborhood*BldgType IDOTRR 1Fam + 268E-12 * Neighborhood*BldgType IDOTRR 2fmc + 268E-12 * Neighborhood*BldgType Mitchel 1Fa + 268E-12 * Neighborhood*BldgType Mitchel 2fm + 268E-12 * Neighborhood*BldgType NAmes 1Fam + 268E-12 * Neighborhood*BldgType NWAmes 1Fam + 268E-12 * Neighborhood*BldgType NridgHt 1Fa + 268E-12 * Neighborhood*BldgType OldTown 1Fa + 268E-12 * Neighborhood*BldgType OldTown 2fm + 268E-12 * Neighborhood*BldgType Sawyer 1Fam + 268E-12 * Neighborhood*BldgType Sawyer 2fmc + 268E-12 * Neighborhood*BldgType SawyerW 1Fa + 268E-12 * Neighborhood*BldgType Somerst 1Fa + 268E-12 * Neighborhood*BldgType StoneBr 1Fa + 698E-13 * Neighborhood*HouseStyle BrkSide 1St + 699E-13 * Neighborhood*HouseStyle ClearCr 1St + 699E-13 * Neighborhood*HouseStyle CollCr 1St + 697E-13 * Neighborhood*HouseStyle Crawfor 1St + 699E-13 * Neighborhood*HouseStyle Edwards 1St + 699E-13 * Neighborhood*HouseStyle Gilbert 1St + 697E-13 * Neighborhood*HouseStyle IDOTRR 1Sto + 697E-13 * Neighborhood*HouseStyle MeadowV 1St + 699E-13 * Neighborhood*HouseStyle Mitchel 1St + 699E-13 * Neighborhood*HouseStyle NAmes 1Stor + 7E-11 * Neighborhood*HouseStyle NPkVill 1St + 698E-13 * Neighborhood*HouseStyle NWAmes 1Sto + 697E-13 * Neighborhood*HouseStyle NoRidge 1St + 697E-13 * Neighborhood*HouseStyle NridgHt 1St + 699E-13 * Neighborhood*HouseStyle OldTown 1St + 697E-13 * Neighborhood*HouseStyle SWISU 1Stor + 699E-13 * Neighborhood*HouseStyle Sawyer 1Sto + 699E-13 * Neighborhood*HouseStyle SawyerW 1St + 697E-13 * Neighborhood*HouseStyle Somerst 1St + 697E-13 * Neighborhood*HouseStyle StoneBr 1St + 699E-13 * Neighborhood*HouseStyle Timber 1Sto - 536E-15 * GarageCars
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 2.5Un =	<pre> 3.19E-9 * Intercept - 27E-12 * GrLlvArea_I + 371E-18 * LotArea - 421E-14 * OverallCond - 15E-13 * YearBuilt + 2E-14 * MasVnr Area + 113E-16 * TotalBsmtSF + 867E-14 * FullBath - 21E-13 * Fireplaces - 261E-13 * BldgType 1Fam - 262E-13 * HouseStyle 1.5Unf - 679E-14 * HouseStyle 1Story - 266E-13 * HouseStyle 2.5Fin + HouseStyle 2.5Unf + 262E-13 * BldgType*HouseStyle 1Fam 1.5Unf + 265E-13 * BldgType*HouseStyle 1Fam 2.5Fin - BldgType*HouseStyle 1Fam 2.5Unf - 262E-13 * BldgType*HouseStyle 2fmCon 1.5Fi - 262E-13 * BldgType*HouseStyle 2fmCon 1Stor + 262E-13 * BldgType*HouseStyle 2fmCon 2Stor + 3.18E-9 * Neighborhood Blmgtn - 115E-12 * Neighborhood Blueste + 3.11E-9 * Neighborhood BrDale + 3.17E-9 * Neighborhood BrkSide + 3.17E-9 * Neighborhood ClearCr + 3.19E-9 * Neighborhood CollgCr + 3.19E-9 * Neighborhood Crawfor + 3.19E-9 * Neighborhood Edwards + 3.17E-9 * Neighborhood Gilbert + 3.19E-9 * Neighborhood IDOTRR + 3.2E-9 * Neighborhood MeadowV + 3.19E-9 * Neighborhood Mitchel + 3.19E-9 * Neighborhood NAmes + 3.19E-9 * Neighborhood NPkVill + 3.19E-9 * Neighborhood NWAmes + 3.17E-9 * Neighborhood NoRidge + 3.17E-9 * Neighborhood NridgHt + 3.19E-9 * Neighborhood OldTown + 3.17E-9 * Neighborhood SWISU + 3.19E-9 * Neighborhood Sawyer + 3.19E-9 * Neighborhood SawyerW + 3.19E-9 * Neighborhood Somerst + 3.19E-9 * Neighborhood StoneBr + 3.17E-9 * Neighborhood Timber - 27E-12 * GrLlvArea*Neighborhood Blmgtn + 185E-13 * GrLlvArea*Neighborhood Blueste - 255E-13 * GrLlvArea*Neighborhood BrDale - 27E-12 * GrLlvArea*Neighborhood BrkSide - 27E-12 * GrLlvArea*Neighborhood ClearCr - 27E-12 * GrLlvArea*Neighborhood CollgCr - 27E-12 * GrLlvArea*Neighborhood Crawfor - 27E-12 * GrLlvArea*Neighborhood Edwards - 27E-12 * GrLlvArea*Neighborhood Gilbert - 27E-12 * GrLlvArea*Neighborhood IDOTRR - 271E-13 * GrLlvArea*Neighborhood MeadowV - 27E-12 * GrLlvArea*Neighborhood Mitchel - 27E-12 * GrLlvArea*Neighborhood NAmes - 273E-13 * GrLlvArea*Neighborhood NPkVill - 27E-12 * GrLlvArea*Neighborhood NWAmes - 27E-12 * GrLlvArea*Neighborhood NoRidge - 27E-12 * GrLlvArea*Neighborhood NridgHt - 27E-12 * GrLlvArea*Neighborhood OldTown - 27E-12 * GrLlvArea*Neighborhood SWISU - 27E-12 * GrLlvArea*Neighborhood Sawyer - 27E-12 * GrLlvArea*Neighborhood SawyerW - 27E-12 * GrLlvArea*Neighborhood Somerst - 27E-12 * GrLlvArea*Neighborhood StoneBr - 271E-13 * GrLlvArea*Neighborhood Timber + 382E-18 * LotArea*Neighborhood BrkSide + 382E-18 * LotArea*Neighborhood ClearCr + 382E-18 * LotArea*Neighborhood CollgCr + 382E-18 * LotArea*Neighborhood Crawfor + 382E-18 * LotArea*Neighborhood Edwards + 382E-18 * LotArea*Neighborhood Gilbert + 382E-18 * LotArea*Neighborhood IDOTRR + 382E-18 * LotArea*Neighborhood Mitchel + 382E-18 * LotArea*Neighborhood NAmes + 381E-18 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 2.5Un =	NWAmes + 382E-18 * LotArea*Neighborhood NoRidge + 382E-18 * LotArea*Neighborhood NridgHt + 382E-18 * LotArea*Neighborhood OldTown + 382E-18 * LotArea*Neighborhood SWISU + 382E-18 * LotArea*Neighborhood Sawyer + 382E-18 * LotArea*Neighborhood SawyerW + 381E-18 * LotArea*Neighborhood Somerst + 382E-18 * LotArea*Neighborhood StoneBr + 382E-18 * LotArea*Neighborhood Timber - 419E-14 * OverallCo*Neighborhood BrDale - 421E-14 * OverallCo*Neighborhood BrkSide - 421E-14 * OverallCo*Neighborhood ClearCr - 421E-14 * OverallCo*Neighborhood CollgCr - 421E-14 * OverallCo*Neighborhood Crawfor - 421E-14 * OverallCo*Neighborhood Edwards - 421E-14 * OverallCo*Neighborhood Gilbert - 421E-14 * OverallCo*Neighborhood IDOTRR - 421E-14 * OverallCo*Neighborhood MeadowV - 421E-14 * OverallCo*Neighborhood Mitchel - 421E-14 * OverallCo*Neighborhood NAMES - 42E-13 * OverallCo*Neighborhood NPkVill - 421E-14 * OverallCo*Neighborhood NWAmes - 421E-14 * OverallCo*Neighborhood NoRidge - 421E-14 * OverallCo*Neighborhood OldTown - 42E-13 * OverallCo*Neighborhood SWISU - 421E-14 * OverallCo*Neighborhood Sawyer - 421E-14 * OverallCo*Neighborhood SawyerW - 421E-14 * OverallCo*Neighborhood Somerst - 421E-14 * OverallCo*Neighborhood StoneBr - 421E-14 * OverallCo*Neighborhood Timber - 151E-14 * YearBuilt*Neighborhood Blmgtn - 147E-14 * YearBuilt*Neighborhood BrDale - 15E-13 * YearBuilt*Neighborhood BrkSide - 15E-13 * YearBuilt*Neighborhood ClearCr - 15E-13 * YearBuilt*Neighborhood CollgCr - 15E-13 * YearBuilt*Neighborhood Crawfor - 15E-13 * YearBuilt*Neighborhood Edwards - 15E-13 * YearBuilt*Neighborhood Gilbert - 15E-13 * YearBuilt*Neighborhood IDOTRR - 15E-13 * YearBuilt*Neighborhood MeadowV - 15E-13 * YearBuilt*Neighborhood Mitchel - 15E-13 * YearBuilt*Neighborhood NAMES - 149E-14 * YearBuilt*Neighborhood NPkVill - 15E-13 * YearBuilt*Neighborhood NWAmes - 15E-13 * YearBuilt*Neighborhood NoRidge - 15E-13 * YearBuilt*Neighborhood NridgHt - 15E-13 * YearBuilt*Neighborhood OldTown - 15E-13 * YearBuilt*Neighborhood SWISU - 15E-13 * YearBuilt*Neighborhood Sawyer - 15E-13 * YearBuilt*Neighborhood SawyerW - 15E-13 * YearBuilt*Neighborhood Somerst - 15E-13 * YearBuilt*Neighborhood StoneBr - 15E-13 * YearBuilt*Neighborhood Timber + 197E-16 * MasVnrAre*Neighborhood BrDale + 199E-16 * MasVnrAre*Neighborhood ClearCr + 199E-16 * MasVnrAre*Neighborhood CollgCr + 199E-16 * MasVnrAre*Neighborhood Crawfor + 199E-16 * MasVnrAre*Neighborhood Edwards + 199E-16 * MasVnrAre*Neighborhood Gilbert + 199E-16 * MasVnrAre*Neighborhood Mitchel + 199E-16 * MasVnrAre*Neighborhood NAMES + 199E-16 * MasVnrAre*Neighborhood NWAmes + 199E-16 * MasVnrAre*Neighborhood NoRidge + 199E-16 * MasVnrAre*Neighborhood NridgHt + 199E-16 * MasVnrAre*Neighborhood SawyerW + 199E-16 * MasVnrAre*Neighborhood Somerst + 199E-16 * MasVnrAre*Neighborhood StoneBr + 199E-16 * MasVnrAre*Neighborhood Timber + 113E-16 * TotalBsm*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 2.5Un =	<pre> Blmngtn + 944E-17 * TotalBsmt*Neighborhood BrDale + 113E-16 * TotalBsmt*Neighborhood BrkSide + 113E-16 * TotalBsmt*Neighborhood ClearCr + 113E-16 * TotalBsmt*Neighborhood CollgCr + 113E-16 * TotalBsmt*Neighborhood Crawfor + 113E-16 * TotalBsmt*Neighborhood Edwards + 113E-16 * TotalBsmt*Neighborhood Gilbert + 113E-16 * TotalBsmt*Neighborhood IDOTRR + 112E-16 * TotalBsmt*Neighborhood MeadowV + 113E-16 * TotalBsmt*Neighborhood Mitchel + 113E-16 * TotalBsmt*Neighborhood NAmes + 112E-16 * TotalBsmt*Neighborhood NPKVill + 113E-16 * TotalBsmt*Neighborhood NWAmes + 113E-16 * TotalBsmt*Neighborhood NoRidge + 113E-16 * TotalBsmt*Neighborhood NridgHt + 113E-16 * TotalBsmt*Neighborhood OldTown + 113E-16 * TotalBsmt*Neighborhood SWISU + 113E-16 * TotalBsmt*Neighborhood Sawyer + 113E-16 * TotalBsmt*Neighborhood SawyerW + 113E-16 * TotalBsmt*Neighborhood Somerst + 113E-16 * TotalBsmt*Neighborhood StoneBr + 113E-16 * TotalBsmt*Neighborhood Timber + 874E-14 * FullBath*Neighborhood Blmngtn + 859E-14 * FullBath*Neighborhood BrDale + 875E-14 * FullBath*Neighborhood BrkSide + 874E-14 * FullBath*Neighborhood ClearCr + 874E-14 * FullBath*Neighborhood CollgCr + 874E-14 * FullBath*Neighborhood Crawfor + 874E-14 * FullBath*Neighborhood Edwards + 872E-14 * FullBath*Neighborhood Gilbert + 874E-14 * FullBath*Neighborhood IDOTRR + 877E-14 * FullBath*Neighborhood MeadowV + 874E-14 * FullBath*Neighborhood Mitchel + 874E-14 * FullBath*Neighborhood NAmes + 874E-14 * FullBath*Neighborhood NWAmes + 874E-14 * FullBath*Neighborhood NoRidge + 875E-14 * FullBath*Neighborhood NridgHt + 874E-14 * FullBath*Neighborhood OldTown + 873E-14 * FullBath*Neighborhood SWISU + 874E-14 * FullBath*Neighborhood Sawyer + 874E-14 * FullBath*Neighborhood SawyerW + 875E-14 * FullBath*Neighborhood Somerst + 874E-14 * FullBath*Neighborhood StoneBr + 876E-14 * FullBath*Neighborhood Timber - 214E-14 * Fireplace*Neighborhood ClearCr - 214E-14 * Fireplace*Neighborhood CollgCr - 214E-14 * Fireplace*Neighborhood Crawfor - 214E-14 * Fireplace*Neighborhood Gilbert - 214E-14 * Fireplace*Neighborhood NAmes - 214E-14 * Fireplace*Neighborhood NWAmes - 214E-14 * Fireplace*Neighborhood NridgHt - 214E-14 * Fireplace*Neighborhood Timber - 261E-13 * Neighborhood*BldgType Blmngtn 1Fa - 261E-13 * Neighborhood*BldgType CollgCr 1Fa - 261E-13 * Neighborhood*BldgType Crawfor 1Fa - 262E-13 * Neighborhood*BldgType Crawfor 2fm - 261E-13 * Neighborhood*BldgType Edwards 1Fa - 262E-13 * Neighborhood*BldgType Edwards 2fm - 261E-13 * Neighborhood*BldgType IDOTRR 1Fam - 262E-13 * Neighborhood*BldgType IDOTRR 2fmc - 261E-13 * Neighborhood*BldgType Mitchel 1Fa - 262E-13 * Neighborhood*BldgType Mitchel 2fm - 261E-13 * Neighborhood*BldgType NAmes 1Fam - 261E-13 * Neighborhood*BldgType NWAmes 1Fam - 261E-13 * Neighborhood*BldgType NridgHt 1Fa - 261E-13 * Neighborhood*BldgType OldTown 1Fa - 262E-13 * Neighborhood*BldgType OldTown 2fm - 261E-13 * Neighborhood*BldgType Sawyer 1Fam - 262E-13 * Neighborhood*BldgType Sawyer </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle 2fmCon 2.5Un =	2fmC - 261E-13 * Neighborhoo*BldgType SawyerW 1Fa - 261E-13 * Neighborhoo*BldgType Somerst 1Fa - 261E-13 * Neighborhoo*BldgType StoneBr 1Fa - 676E-14 * Neighborh*HouseStyle BrkSide 1St - 679E-14 * Neighborh*HouseStyle ClearCr 1St - 678E-14 * Neighborh*HouseStyle CollgCr 1St - 676E-14 * Neighborh*HouseStyle Crawfor 1St - 678E-14 * Neighborh*HouseStyle Edwards 1St - 677E-14 * Neighborh*HouseStyle Gilbert 1St - 676E-14 * Neighborh*HouseStyle IDOTRR 1Sto - 678E-14 * Neighborh*HouseStyle Mitchel 1St - 678E-14 * Neighborh*HouseStyle NAmes 1Stor - 677E-14 * Neighborh*HouseStyle NWAmes 1Sto - 675E-14 * Neighborh*HouseStyle NoRidge 1St - 676E-14 * Neighborh*HouseStyle NridgHt 1St - 675E-14 * Neighborh*HouseStyle OldTown 1St - 678E-14 * Neighborh*HouseStyle Sawyer 1Sto - 677E-14 * Neighborh*HouseStyle SawyerW 1St - 676E-14 * Neighborh*HouseStyle Somerst 1St - 676E-14 * Neighborh*HouseStyle StoneBr 1St - 677E-14 * Neighborh*HouseStyle Timber 1Sto
BldgType*HouseStyle 2fmCon SFoye =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle Duplex 1.5Fi =	-1.12E-8 * Intercept + 814E-13 * GrLlvArea_I - 148E-17 * LotArea + 138E-13 * OverallCond + 532E-14 * YearBuilt + 897E-22 * LotArea*YearBuilt - 493E-16 * MasVnrArea - 31E-15 * TotalBsmtSF - 282E-13 * FullBath + 923E-14 * Fireplaces + 938E-13 * BldgType 1Fam + HouseStyle 1.5Fin + 93E-12 * HouseStyle 1.5Unf + 208E-13 * HouseStyle 1Story + 937E-13 * HouseStyle 2.5Fin + 931E-13 * HouseStyle 2.5Unf - BldgType*HouseStyle 1Fam 1.5Fin - 931E-13 * BldgType*HouseStyle 1Fam 1.5Unf - 932E-13 * BldgType*HouseStyle 1Fam 2.5Fin - 931E-13 * BldgType*HouseStyle 1Fam 2.5Unf - 1 * BldgType*HouseStyle 2fmCon 1.5Fi + 929E-13 * BldgType*HouseStyle 2fmCon 1Stor + 929E-13 * BldgType*HouseStyle 2fmCon 2Stor - 1.15E-8 * Neighborhood Blmngtn + 363E-12 * Neighborhood Blueste - 1.21E-8 * Neighborhood BrDale - 1.11E-8 * Neighborhood BrkSide - 1.11E-8 * Neighborhood ClearCr - 1.12E-8 * Neighborhood CollgCr - 1.12E-8 * Neighborhood Crawfor - 1.12E-8 * Neighborhood Edwards - 1.11E-8 * Neighborhood Gilbert - 1.12E-8 * Neighborhood IDOTRR - 1.12E-8 * Neighborhood MeadowV - 1.12E-8 * Neighborhood Mitchel - 1.12E-8 * Neighborhood NAmes - 1.11E-8 * Neighborhood NPkVill - 1.12E-8 * Neighborhood NWAmes - 1.11E-8 * Neighborhood NoRidge - 1.11E-8 * Neighborhood NridgHt - 1.12E-8 * Neighborhood OldTown - 1.11E-8 * Neighborhood SWISU - 1.12E-8 * Neighborhood Sawyer - 1.12E-8 * Neighborhood SawyerW - 1.12E-8 * Neighborhood Somerst - 1.12E-8 * Neighborhood StoneBr - 1.11E-8 * Neighborhood Timber + 817E-13 * GrLlvArea*Neighborhood Blmngtn - 6E-11 * GrLlvArea*Neighborhood Blueste + 996E-13 * GrLlvArea*Neighborhood BrDale + 815E-13 * GrLlvArea*Neighborhood BrkSide + 815E-13 * GrLlvArea*Neighborhood ClearCr + 815E-13 * GrLlvArea*Neighborhood CollgCr + 815E-13 * GrLlvArea*Neighborhood Crawfor + 815E-13 * GrLlvArea*Neighborhood Edwards + 815E-13 * GrLlvArea*Neighborhood Gilbert + 814E-13 * GrLlvArea*Neighborhood IDOTRR + 829E-13 * GrLlvArea*Neighborhood MeadowV + 815E-13 * GrLlvArea*Neighborhood Mitchel + 815E-13 * GrLlvArea*Neighborhood NAmes + 818E-13 * GrLlvArea*Neighborhood NPkVill + 815E-13 * GrLlvArea*Neighborhood NWAmes + 814E-13 * GrLlvArea*Neighborhood NoRidge + 815E-13 * GrLlvArea*Neighborhood NridgHt + 815E-13 * GrLlvArea*Neighborhood OldTown + 815E-13 * GrLlvArea*Neighborhood SWISU + 814E-13 * GrLlvArea*Neighborhood Sawyer + 815E-13 * GrLlvArea*Neighborhood SawyerW + 815E-13 * GrLlvArea*Neighborhood Somerst + 815E-13 * GrLlvArea*Neighborhood StoneBr + 822E-13 * GrLlvArea*Neighborhood Timber - 128E-17 * LotArea*Neighborhood BrkSide - 128E-17 * LotArea*Neighborhood ClearCr - 128E-17 * LotArea*Neighborhood CollgCr - 128E-17 * LotArea*Neighborhood Crawfor - 128E-17 * LotArea*Neighborhood Edwards - 128E-17 * LotArea*Neighborhood Gilbert - 128E-17 * LotArea*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle Duplex 1.5Fi =	IDOTRR - 128E-17 * LotArea*Neighborhood Mitchel - 128E-17 * LotArea*Neighborhood NAmes - 128E-17 * LotArea*Neighborhood NWAmes - 128E-17 * LotArea*Neighborhood NoRidge - 128E-17 * LotArea*Neighborhood NridgHt - 128E-17 * LotArea*Neighborhood OldTown - 128E-17 * LotArea*Neighborhood SWISU - 128E-17 * LotArea*Neighborhood Sawyer - 128E-17 * LotArea*Neighborhood SawyerW - 127E-17 * LotArea*Neighborhood Somerst - 128E-17 * LotArea*Neighborhood StoneBr - 128E-17 * LotArea*Neighborhood Timber + 14E-12 * OverallCo*Neighboho BrDale + 138E-13 * OverallCo*Neighboho BrkSide + 138E-13 * OverallCo*Neighboho ClearCr + 138E-13 * OverallCo*Neighboho CollgCr + 138E-13 * OverallCo*Neighboho Crawfor + 138E-13 * OverallCo*Neighboho Edwards + 138E-13 * OverallCo*Neighboho Gilbert + 138E-13 * OverallCo*Neighboho IDOTRR + 138E-13 * OverallCo*Neighboho MeadowV + 138E-13 * OverallCo*Neighboho Mitchel + 138E-13 * OverallCo*Neighboho NAmes + 138E-13 * OverallCo*Neighboho NPKVill + 138E-13 * OverallCo*Neighboho NWAmes + 138E-13 * OverallCo*Neighboho NoRidge + 138E-13 * OverallCo*Neighboho OldTown + 138E-13 * OverallCo*Neighboho SWISU + 138E-13 * OverallCo*Neighboho Sawyer + 138E-13 * OverallCo*Neighboho SawyerW + 138E-13 * OverallCo*Neighboho Somerst + 138E-13 * OverallCo*Neighboho StoneBr + 137E-13 * OverallCo*Neighboho Timber + 548E-14 * YearBuilt*Neighboho Blmgtn + 57E-13 * YearBuilt*Neighboho BrDale + 532E-14 * YearBuilt*Neighboho BrkSide + 531E-14 * YearBuilt*Neighboho ClearCr + 531E-14 * YearBuilt*Neighboho CollgCr + 532E-14 * YearBuilt*Neighboho Crawfor + 531E-14 * YearBuilt*Neighboho Edwards + 531E-14 * YearBuilt*Neighboho Gilbert + 532E-14 * YearBuilt*Neighboho IDOTRR + 531E-14 * YearBuilt*Neighboho MeadowV + 532E-14 * YearBuilt*Neighboho Mitchel + 532E-14 * YearBuilt*Neighboho NAmes + 525E-14 * YearBuilt*Neighboho NPKVill + 531E-14 * YearBuilt*Neighboho NWAmes + 531E-14 * YearBuilt*Neighboho NoRidge + 531E-14 * YearBuilt*Neighboho NridgHt + 531E-14 * YearBuilt*Neighboho OldTown + 532E-14 * YearBuilt*Neighboho SWISU + 532E-14 * YearBuilt*Neighboho Sawyer + 531E-14 * YearBuilt*Neighboho SawyerW + 53E-13 * YearBuilt*Neighboho Somerst + 531E-14 * YearBuilt*Neighboho StoneBr + 532E-14 * YearBuilt*Neighboho Timber - 524E-16 * MasVnrAre*Neighboho BrDale - 498E-16 * MasVnrAre*Neighboho ClearCr - 498E-16 * MasVnrAre*Neighboho CollgCr - 498E-16 * MasVnrAre*Neighboho Crawfor - 498E-16 * MasVnrAre*Neighboho Edwards - 498E-16 * MasVnrAre*Neighboho Gilbert - 498E-16 * MasVnrAre*Neighboho IDOTRR - 499E-16 * MasVnrAre*Neighboho Mitchel - 499E-16 * MasVnrAre*Neighboho NAmes - 498E-16 * MasVnrAre*Neighboho NWAmes - 499E-16 * MasVnrAre*Neighboho NoRidge - 498E-16 * MasVnrAre*Neighboho NridgHt - 498E-16 * MasVnrAre*Neighboho
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

BldgType*HouseStyle Duplex 1.5Fi =	OldTown - 498E-16 * MasVnrAre*Neighborhood Sawyer - 499E-16 * MasVnrAre*Neighborhood SawyerW - 499E-16 * MasVnrAre*Neighborhood Somerst - 498E-16 * MasVnrAre*Neighborhood StoneBr - 498E-16 * MasVnrAre*Neighborhood Timber - 312E-16 * TotalBsmt*Neighborhood Blmgtn - 531E-16 * TotalBsmt*Neighborhood BrDale - 311E-16 * TotalBsmt*Neighborhood BrkSide - 31E-15 * TotalBsmt*Neighborhood ClearCr - 311E-16 * TotalBsmt*Neighborhood CollgCr - 311E-16 * TotalBsmt*Neighborhood Crawfor - 311E-16 * TotalBsmt*Neighborhood Edwards - 311E-16 * TotalBsmt*Neighborhood Gilbert - 31E-15 * TotalBsmt*Neighborhood IDOTRR - 334E-16 * TotalBsmt*Neighborhood MeadowV - 311E-16 * TotalBsmt*Neighborhood Mitchel - 311E-16 * TotalBsmt*Neighborhood NAmes - 314E-16 * TotalBsmt*Neighborhood NPKVill - 311E-16 * TotalBsmt*Neighborhood NWAmes - 31E-15 * TotalBsmt*Neighborhood NoRidge - 311E-16 * TotalBsmt*Neighborhood NridgHt - 311E-16 * TotalBsmt*Neighborhood OldTown - 311E-16 * TotalBsmt*Neighborhood SWISU - 311E-16 * TotalBsmt*Neighborhood Sawyer - 311E-16 * TotalBsmt*Neighborhood SawyerW - 311E-16 * TotalBsmt*Neighborhood Somerst - 31E-15 * TotalBsmt*Neighborhood StoneBr - 312E-16 * TotalBsmt*Neighborhood Timber - 278E-13 * FullBath*Neighborhood Blmgtn - 297E-13 * FullBath*Neighborhood BrDale - 278E-13 * FullBath*Neighborhood BrkSide - 278E-13 * FullBath*Neighborhood ClearCr - 278E-13 * FullBath*Neighborhood CollgCr - 278E-13 * FullBath*Neighborhood Crawfor - 278E-13 * FullBath*Neighborhood Edwards - 278E-13 * FullBath*Neighborhood Gilbert - 278E-13 * FullBath*Neighborhood IDOTRR - 268E-13 * FullBath*Neighborhood MeadowV - 278E-13 * FullBath*Neighborhood Mitchel - 278E-13 * FullBath*Neighborhood NAmes - 277E-13 * FullBath*Neighborhood NWAmes - 277E-13 * FullBath*Neighborhood NoRidge - 277E-13 * FullBath*Neighborhood NridgHt - 278E-13 * FullBath*Neighborhood OldTown - 277E-13 * FullBath*Neighborhood SWISU - 278E-13 * FullBath*Neighborhood Sawyer - 278E-13 * FullBath*Neighborhood SawyerW - 278E-13 * FullBath*Neighborhood Somerst - 278E-13 * FullBath*Neighborhood StoneBr - 279E-13 * FullBath*Neighborhood Timber + 941E-14 * Fireplace*Neighborhood Blmgtn + 939E-14 * Fireplace*Neighborhood BrkSide + 937E-14 * Fireplace*Neighborhood ClearCr + 94E-13 * Fireplace*Neighborhood CollgCr + 941E-14 * Fireplace*Neighborhood Crawfor + 941E-14 * Fireplace*Neighborhood Edwards + 942E-14 * Fireplace*Neighborhood Gilbert + 94E-13 * Fireplace*Neighborhood IDOTRR + 939E-14 * Fireplace*Neighborhood Mitchel + 94E-13 * Fireplace*Neighborhood NAmes + 942E-14 * Fireplace*Neighborhood NPKVill + 941E-14 * Fireplace*Neighborhood NWAmes + 942E-14 * Fireplace*Neighborhood NoRidge + 941E-14 * Fireplace*Neighborhood NridgHt + 941E-14 * Fireplace*Neighborhood OldTown + 941E-14 * Fireplace*Neighborhood SWISU + 941E-14 * Fireplace*Neighborhood Sawyer + 941E-14 * Fireplace*Neighborhood SawyerW + 94E-13 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

BldgType*HouseStyle Duplex 1.5Fi =	Somerst + 94E-13 * Fireplace*Neighborho StoneBr + 943E-14 * Fireplace*Neighborho Timber + 931E-13 * Neighborhoo*BldgType Blmngtn 1Fa + 935E-13 * Neighborhoo*BldgType CollCr 1Fa + 937E-13 * Neighborhoo*BldgType Crawfor 1Fa + 932E-13 * Neighborhoo*BldgType Crawfor 2fm + 937E-13 * Neighborhoo*BldgType Edwards 1Fa + 932E-13 * Neighborhoo*BldgType Edwards 2fm + 936E-13 * Neighborhoo*BldgType IDOTRR 1Fam + 932E-13 * Neighborhoo*BldgType IDOTRR 2fmc + 936E-13 * Neighborhoo*BldgType Mitchel 1Fa + 931E-13 * Neighborhoo*BldgType Mitchel 2fm + 937E-13 * Neighborhoo*BldgType NAmes 1Fam + 935E-13 * Neighborhoo*BldgType NWAmes 1Fam + 936E-13 * Neighborhoo*BldgType NridgHt 1Fa + 936E-13 * Neighborhoo*BldgType OldTown 1Fa + 931E-13 * Neighborhoo*BldgType OldTown 2fm + 936E-13 * Neighborhoo*BldgType Sawyer 1Fam + 931E-13 * Neighborhoo*BldgType Sawyer 2fmc + 936E-13 * Neighborhoo*BldgType SawyerW 1Fa + 936E-13 * Neighborhoo*BldgType Somerst 1Fa + 936E-13 * Neighborhoo*BldgType StoneBr 1Fa + 201E-13 * Neighborh*HouseStyle BrkSide 1St + 207E-13 * Neighborh*HouseStyle ClearCr 1St + 207E-13 * Neighborh*HouseStyle CollCr 1St + 2E-11 * Neighborh*HouseStyle Crawfor 1St + 207E-13 * Neighborh*HouseStyle Edwards 1St + 207E-13 * Neighborh*HouseStyle Gilbert 1St + 2E-11 * Neighborh*HouseStyle IDOTRR 1Sto + 226E-13 * Neighborh*HouseStyle MeadowV 1St + 207E-13 * Neighborh*HouseStyle Mitchel 1St + 207E-13 * Neighborh*HouseStyle NAmes 1Stor + 205E-13 * Neighborh*HouseStyle NPKVill 1St + 207E-13 * Neighborh*HouseStyle NWAmes 1Sto + 2E-11 * Neighborh*HouseStyle NoRidge 1St + 201E-13 * Neighborh*HouseStyle NridgHt 1St + 207E-13 * Neighborh*HouseStyle OldTown 1St + 201E-13 * Neighborh*HouseStyle SWISU 1Stor + 207E-13 * Neighborh*HouseStyle Sawyer 1Sto + 207E-13 * Neighborh*HouseStyle SawyerW 1St + 201E-13 * Neighborh*HouseStyle Somerst 1St + 201E-13 * Neighborh*HouseStyle StoneBr 1St + 205E-13 * Neighborh*HouseStyle Timber 1Sto - 279E-14 * GarageCars + 13E-16 * YearBuilt*GarageCars
BldgType*HouseStyle Duplex 1.5Un =	0
BldgType*HouseStyle Duplex 2.5Fi =	0
BldgType*HouseStyle Duplex 2.5Un =	0
BldgType*HouseStyle Twnhs 1.5Fin =	0
BldgType*HouseStyle Twnhs 1.5Unf =	0
BldgType*HouseStyle Twnhs 2.5Fin =	0
BldgType*HouseStyle Twnhs 2.5Unf =	0

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

LotArea*Neighborhood Blueste =	<pre> -0.00021 * Intercept + 1.79E-6 * GrLlvArea_I - 247E-13 * Lot Area + 2.79E-7 * OverallCond + 9.86E-8 * YearBuilt - 2E-16 * Lot Area*YearBuilt - 1.33E-9 * MasVnrArea - 751E-12 * TotalBsmt SF - 5.74E-7 * FullBath - 548E-12 * GrLlvArea_I*FullBath + 1.36E-7 * Fireplaces + 342E-12 * GrLlvArea*Fireplaces + 1.96E-9 * LotConfig Corner - 1.46E-8 * LotConfig CulDSac + 2.27E-8 * LotConfig FR2 - 107E-14 * YearBuilt*LotConfig Corner + 751E-14 * YearBuilt*LotConfig CulDSac - 109E-13 * YearBuilt*LotConfig FR2 + 1.71E-6 * BldgType 1Fam + 2.13E-8 * BldgType Twnhs + 1.71E-6 * HouseStyle 1.5Unf + 4.48E-7 * HouseStyle 1Story + 1.71E-6 * HouseStyle 2.5Fin + 1.71E-6 * HouseStyle 2.5Unf - 1.71E-6 * BldgType*HouseStyle 1Fam 1.5Unf - 1.71E-6 * BldgType*HouseStyle 1Fam 2.5Fin - 1.71E-6 * BldgType*HouseStyle 1Fam 2.5Unf + 1.71E-6 * BldgType*HouseStyle 2fmCon 1.5Fi + 1.71E-6 * BldgType*HouseStyle 2fmCon 1Stor + 1.71E-6 * BldgType*HouseStyle 2fmCon 2Stor - 2.23E-8 * BldgType*HouseStyle Twnhs 1Story - 2.26E-8 * BldgType*HouseStyle Twnhs 2Story - 2.15E-8 * BldgType*HouseStyle Twnhs SFoyer + 0.00021 * Neighborhood Blmgtn - 18300.4 * Neighborhood Blueste + 0.0002 * Neighborhood BrDale + 0.00021 * Neighborhood BrkSide + 0.00021 * Neighborhood ClearCr + 0.00021 * Neighborhood CollgCr + 0.00021 * Neighborhood Crawfor + 0.00021 * Neighborhood Edwards + 0.00021 * Neighborhood Gilbert + 0.00021 * Neighborhood IDOTRR + 0.00021 * Neighborhood MeadowV + 0.00021 * Neighborhood Mitchel + 0.00021 * Neighborhood NAmes + 0.00021 * Neighborhood NPkVill + 0.00021 * Neighborhood NWAmes + 0.00021 * Neighborhood NoRidge + 0.00021 * Neighborhood NridgHt + 0.00021 * Neighborhood OldTown + 0.00021 * Neighborhood SWISU + 0.00021 * Neighborhood Sawyer + 0.00021 * Neighborhood SawyerW + 0.00021 * Neighborhood Somerset + 0.00021 * Neighborhood StoneBr + 0.00021 * Neighborhood Timber - 1.79E-6 * GrLlvArea*Neighborho Blmgtn + 2755.2 * GrLlvArea*Neighborho Blueste - 1.7E-6 * GrLlvArea*Neighborho BrDale - 1.79E-6 * GrLlvArea*Neighborho BrkSide - 1.79E-6 * GrLlvArea*Neighborho ClearCr - 1.79E-6 * GrLlvArea*Neighborho CollgCr - 1.79E-6 * GrLlvArea*Neighborho Crawfor - 1.79E-6 * GrLlvArea*Neighborho Edwards - 1.79E-6 * GrLlvArea*Neighborho Gilbert - 1.79E-6 * GrLlvArea*Neighborho IDOTRR - 1.81E-6 * GrLlvArea*Neighborho MeadowV - 1.79E-6 * GrLlvArea*Neighborho Mitchel - 1.79E-6 * GrLlvArea*Neighborho NAmes - 1.8E-6 * GrLlvArea*Neighborho NPkVill - 1.79E-6 * GrLlvArea*Neighborho NWAmes - 1.79E-6 * GrLlvArea*Neighborho NoRidge - 1.79E-6 * GrLlvArea*Neighborho NridgHt - 1.79E-6 * GrLlvArea*Neighborho OldTown - 1.79E-6 * GrLlvArea*Neighborho SWISU - 1.79E-6 * GrLlvArea*Neighborho Sawyer - 1.79E-6 * GrLlvArea*Neighborho SawyerW - 1.79E-6 * GrLlvArea*Neighborho Somerset - 1.79E-6 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

LotArea*Neighborhood Blueste =	StoneBr - 1.79E-6 * GrLlvArea*Neighborhood Timber + 239E-13 * LotArea*Neighborhood Blmgtn - 268E-13 * LotArea*Neighborhood BrDale - 251E-13 * LotArea*Neighborhood BrkSide - 251E-13 * LotArea*Neighborhood ClearCr - 251E-13 * LotArea*Neighborhood CollgCr - 251E-13 * LotArea*Neighborhood Crawfor - 251E-13 * LotArea*Neighborhood Edwards - 251E-13 * LotArea*Neighborhood Gilbert - 251E-13 * LotArea*Neighborhood IDOTRR - 314E-13 * LotArea*Neighborhood MeadowV - 251E-13 * LotArea*Neighborhood Mitchel - 251E-13 * LotArea*Neighborhood NAmes - 242E-13 * LotArea*Neighborhood NPKVill - 25E-12 * LotArea*Neighborhood NWAmes - 251E-13 * LotArea*Neighborhood NoRidge - 251E-13 * LotArea*Neighborhood NridgHt - 251E-13 * LotArea*Neighborhood OldTown - 251E-13 * LotArea*Neighborhood SWISU - 251E-13 * LotArea*Neighborhood Sawyer - 251E-13 * LotArea*Neighborhood SawyerW - 25E-12 * LotArea*Neighborhood Somerst - 251E-13 * LotArea*Neighborhood StoneBr - 251E-13 * LotArea*Neighborhood Timber + 2.78E-7 * OverallCo*Neighborhood BrDale + 2.79E-7 * OverallCo*Neighborhood BrkSide + 2.79E-7 * OverallCo*Neighborhood ClearCr + 2.79E-7 * OverallCo*Neighborhood CollgCr + 2.79E-7 * OverallCo*Neighborhood Crawfor + 2.79E-7 * OverallCo*Neighborhood Edwards + 2.79E-7 * OverallCo*Neighborhood Gilbert + 2.79E-7 * OverallCo*Neighborhood IDOTRR + 2.78E-7 * OverallCo*Neighborhood MeadowV + 2.79E-7 * OverallCo*Neighborhood Mitchel + 2.79E-7 * OverallCo*Neighborhood NAmes + 2.78E-7 * OverallCo*Neighborhood NPKVill + 2.79E-7 * OverallCo*Neighborhood NWAmes + 2.78E-7 * OverallCo*Neighborhood NoRidge + 2.79E-7 * OverallCo*Neighborhood OldTown + 2.79E-7 * OverallCo*Neighborhood SWISU + 2.79E-7 * OverallCo*Neighborhood Sawyer + 2.79E-7 * OverallCo*Neighborhood SawyerW + 2.78E-7 * OverallCo*Neighborhood Somerst + 2.78E-7 * OverallCo*Neighborhood StoneBr + 2.78E-7 * OverallCo*Neighborhood Timber + 9.89E-8 * YearBuilt*Neighborhood Blmgtn + 9.63E-8 * YearBuilt*Neighborhood BrDale + 9.86E-8 * YearBuilt*Neighborhood BrkSide + 9.86E-8 * YearBuilt*Neighborhood ClearCr + 9.86E-8 * YearBuilt*Neighborhood CollgCr + 9.86E-8 * YearBuilt*Neighborhood Crawfor + 9.86E-8 * YearBuilt*Neighborhood Edwards + 9.86E-8 * YearBuilt*Neighborhood Gilbert + 9.86E-8 * YearBuilt*Neighborhood IDOTRR + 9.94E-8 * YearBuilt*Neighborhood MeadowV + 9.86E-8 * YearBuilt*Neighborhood Mitchel + 9.86E-8 * YearBuilt*Neighborhood NAmes + 9.73E-8 * YearBuilt*Neighborhood NPKVill + 9.86E-8 * YearBuilt*Neighborhood NWAmes + 9.86E-8 * YearBuilt*Neighborhood NoRidge + 9.86E-8 * YearBuilt*Neighborhood NridgHt + 9.86E-8 * YearBuilt*Neighborhood OldTown + 9.86E-8 * YearBuilt*Neighborhood SWISU + 9.86E-8 * YearBuilt*Neighborhood Sawyer + 9.86E-8 * YearBuilt*Neighborhood SawyerW + 9.86E-8 * YearBuilt*Neighborhood Somerst + 9.86E-8 * YearBuilt*Neighborhood StoneBr + 9.86E-8 * YearBuilt*Neighborhood Timber - 1.33E-9 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

LotArea*Neighborhood Blueste =	Blmgtn - 1.32E-9 * MasVnrAre*Neighborho BrDale - 1.33E-9 * MasVnrAre*Neighborho BrkSide - 1.33E-9 * MasVnrAre*Neighborho ClearCr - 1.33E-9 * MasVnrAre*Neighborho CollgCr - 1.33E-9 * MasVnrAre*Neighborho Crawfor - 1.33E-9 * MasVnrAre*Neighborho Edwards - 1.33E-9 * MasVnrAre*Neighborho Gilbert - 1.33E-9 * MasVnrAre*Neighborho IDOTRR - 1.36E-9 * MasVnrAre*Neighborho MeadowV - 1.33E-9 * MasVnrAre*Neighborho Mitchel - 1.33E-9 * MasVnrAre*Neighborho NAmes - 1.33E-9 * MasVnrAre*Neighborho NWAmes - 1.33E-9 * MasVnrAre*Neighborho NoRidge - 1.33E-9 * MasVnrAre*Neighborho NridgHt - 1.33E-9 * MasVnrAre*Neighborho OldTown - 1.33E-9 * MasVnrAre*Neighborho SWISU - 1.33E-9 * MasVnrAre*Neighborho Sawyer - 1.33E-9 * MasVnrAre*Neighborho SawyerW - 1.33E-9 * MasVnrAre*Neighborho Somerst - 1.33E-9 * MasVnrAre*Neighborho StoneBr - 1.33E-9 * MasVnrAre*Neighborho Timber - 752E-12 * TotalBsmt*Neighborho Blmgtn - 651E-12 * TotalBsmt*Neighborho BrDale - 752E-12 * TotalBsmt*Neighborho BrkSide - 752E-12 * TotalBsmt*Neighborho ClearCr - 752E-12 * TotalBsmt*Neighborho CollgCr - 752E-12 * TotalBsmt*Neighborho Crawfor - 752E-12 * TotalBsmt*Neighborho Edwards - 752E-12 * TotalBsmt*Neighborho Gilbert - 752E-12 * TotalBsmt*Neighborho IDOTRR - 779E-12 * TotalBsmt*Neighborho MeadowV - 752E-12 * TotalBsmt*Neighborho Mitchel - 752E-12 * TotalBsmt*Neighborho NAmes - 752E-12 * TotalBsmt*Neighborho NPKVill - 752E-12 * TotalBsmt*Neighborho NWAmes - 752E-12 * TotalBsmt*Neighborho NoRidge - 752E-12 * TotalBsmt*Neighborho NridgHt - 752E-12 * TotalBsmt*Neighborho OldTown - 752E-12 * TotalBsmt*Neighborho SWISU - 752E-12 * TotalBsmt*Neighborho Sawyer - 752E-12 * TotalBsmt*Neighborho SawyerW - 752E-12 * TotalBsmt*Neighborho Somerst - 752E-12 * TotalBsmt*Neighborho StoneBr - 752E-12 * TotalBsmt*Neighborho Timber - 5.78E-7 * FullBath*Neighborhoo Blmgtn - 5.7E-7 * FullBath*Neighborhoo BrDale - 5.78E-7 * FullBath*Neighborhoo BrkSide - 5.78E-7 * FullBath*Neighborhoo ClearCr - 5.78E-7 * FullBath*Neighborhoo CollgCr - 5.78E-7 * FullBath*Neighborhoo Crawfor - 5.78E-7 * FullBath*Neighborhoo Edwards - 5.78E-7 * FullBath*Neighborhoo Gilbert - 5.78E-7 * FullBath*Neighborhoo IDOTRR - 5.69E-7 * FullBath*Neighborhoo MeadowV - 5.78E-7 * FullBath*Neighborhoo Mitchel - 5.78E-7 * FullBath*Neighborhoo NAmes - 5.78E-7 * FullBath*Neighborhoo NWAmes - 5.78E-7 * FullBath*Neighborhoo NoRidge - 5.79E-7 * FullBath*Neighborhoo NridgHt - 5.78E-7 * FullBath*Neighborhoo OldTown - 5.78E-7 * FullBath*Neighborhoo SWISU - 5.78E-7 * FullBath*Neighborhoo Sawyer - 5.78E-7 * FullBath*Neighborhoo SawyerW - 5.78E-7 * FullBath*Neighborhoo Somerst - 5.78E-7 * FullBath*Neighborhoo StoneBr - 5.79E-7 * FullBath*Neighborhoo Timber + 1.38E-7 * Fireplace*Neighborho Blmgtn + 1.37E-7 * Fireplace*Neighborho BrDale + 1.38E-7 * Fireplace*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

LotArea*Neighborhood Blueste =	BrkSide + 1.38E-7 * Fireplace*Neighborhood ClearCr + 1.38E-7 * Fireplace*Neighborhood CollgCr + 1.38E-7 * Fireplace*Neighborhood Crawfor + 1.38E-7 * Fireplace*Neighborhood Edwards + 1.38E-7 * Fireplace*Neighborhood Gilbert + 1.38E-7 * Fireplace*Neighborhood IDOTRR + 1.27E-7 * Fireplace*Neighborhood MeadowV + 1.38E-7 * Fireplace*Neighborhood Mitchel + 1.38E-7 * Fireplace*Neighborhood NAmes + 1.37E-7 * Fireplace*Neighborhood NPkVill + 1.38E-7 * Fireplace*Neighborhood NWAmes + 1.38E-7 * Fireplace*Neighborhood NoRidge + 1.38E-7 * Fireplace*Neighborhood NridgHt + 1.38E-7 * Fireplace*Neighborhood OldTown + 1.38E-7 * Fireplace*Neighborhood SWISU + 1.38E-7 * Fireplace*Neighborhood Sawyer + 1.38E-7 * Fireplace*Neighborhood SawyerW + 1.38E-7 * Fireplace*Neighborhood Somerst + 1.38E-7 * Fireplace*Neighborhood StoneBr + 1.38E-7 * Fireplace*Neighborhood Timber + 1.71E-6 * Neighborhood*BldgType Blmgtn 1Fa + 8.66E-9 * Neighborhood*BldgType BrDale Twnh + 1.71E-6 * Neighborhood*BldgType CollgCr 1Fa + 1.71E-6 * Neighborhood*BldgType Crawfor 1Fa + 1.71E-6 * Neighborhood*BldgType Edwards 2fm + 1.71E-6 * Neighborhood*BldgType Edwards 1Fa + 1.71E-6 * Neighborhood*BldgType Edwards 2fm + 1.71E-6 * Neighborhood*BldgType IDOTRR 1Fam + 1.71E-6 * Neighborhood*BldgType IDOTRR 2fmc + 1.71E-6 * Neighborhood*BldgType Mitchel 1Fa + 1.71E-6 * Neighborhood*BldgType Mitchel 2fm + 1.71E-6 * Neighborhood*BldgType NAmes 1Fam + 1.71E-6 * Neighborhood*BldgType NWAmes 1Fam + 1.71E-6 * Neighborhood*BldgType NridgHt 1Fa + 1.71E-6 * Neighborhood*BldgType OldTown 1Fa + 1.71E-6 * Neighborhood*BldgType OldTown 2fm + 1.71E-6 * Neighborhood*BldgType Sawyer 1Fam + 1.71E-6 * Neighborhood*BldgType Sawyer 2fmc + 1.71E-6 * Neighborhood*BldgType SawyerW 1Fa + 1.71E-6 * Neighborhood*BldgType Somerst 1Fa + 1.71E-6 * Neighborhood*BldgType StoneBr 1Fa + 4.47E-7 * Neighborhood*HouseStyle BrkSide 1St + 4.48E-7 * Neighborhood*HouseStyle ClearCr 1St + 4.48E-7 * Neighborhood*HouseStyle CollgCr 1St + 4.46E-7 * Neighborhood*HouseStyle Crawfor 1St + 4.48E-7 * Neighborhood*HouseStyle Edwards 1St + 4.48E-7 * Neighborhood*HouseStyle Gilbert 1St + 4.46E-7 * Neighborhood*HouseStyle IDOTRR 1Sto + 4.69E-7 * Neighborhood*HouseStyle MeadowV 1St - 1.44E-8 * Neighborhood*HouseStyle MeadowV 2St + 4.48E-7 * Neighborhood*HouseStyle Mitchel 1St + 4.48E-7 * Neighborhood*HouseStyle NAmes 1Stor + 4.53E-7 * Neighborhood*HouseStyle NPkVill 1St + 4.47E-7 * Neighborhood*HouseStyle NWAmes 1Sto + 4.46E-7 * Neighborhood*HouseStyle NoRidge 1St + 4.46E-7 * Neighborhood*HouseStyle NridgHt 1St + 4.48E-7 * Neighborhood*HouseStyle OldTown 1St + 4.46E-7 * Neighborhood*HouseStyle SWISU 1Stor + 4.48E-7 * Neighborhood*HouseStyle Sawyer 1Sto + 4.48E-7 * Neighborhood*HouseStyle SawyerW 1St + 4.46E-7 * Neighborhood*HouseStyle Somerst 1St + 4.46E-7 * Neighborhood*HouseStyle StoneBr 1St + 4.47E-7 * Neighborhood*HouseStyle Timber 1Sto - 2.39E-9 * GarageCars + 611E-15 * YearBuilt*Garage Cars + 5.37E-9 * GarageCar*Neighborhood BrDale
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

OverallCo*Neighborhood Blmngtn =	<pre> -5.56E-7 * Intercept + 4.72E-9 * GrLlvArea_I - 654E-16 * Lot Area + 736E-12 * OverallCond + 261E-12 * YearBuilt - 559E-21 * LotArea*YearBuilt - 35E-13 * MasVnrArea - 198E-14 * TotalBsmt SF - 1.52E-9 * FullBath - 137E-14 * GrLlvArea_I*FullBath + 363E-12 * Fireplaces - 407E-13 * LotConfig CulDSac + 604E-13 * LotConfig FR2 + 209E-16 * YearBuilt*LotConfig CulDSac - 29E-15 * YearBuilt*LotConfig FR2 + 4.53E-9 * BldgType 1Fam + 4.53E-9 * HouseStyle 1.5Unf + 1.18E-9 * HouseStyle 1Story + 4.55E-9 * HouseStyle 2.5Fin + 4.53E-9 * HouseStyle 2.5Unf - 4.53E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 4.54E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 4.53E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 4.53E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 4.53E-9 * BldgType*HouseStyle 2fmCon 1Stor + 4.53E-9 * BldgType*HouseStyle 2fmCon 2Stor + 5 * Neighborhood Blmngtn - 2.01E-8 * Neighborhood Blueste + 5.6E-7 * Neighborhood BrDale + 5.52E-7 * Neighborhood BrkSide + 5.51E-7 * Neighborhood ClearCr + 5.56E-7 * Neighborhood CollgCr + 5.56E-7 * Neighborhood Crawfor + 5.56E-7 * Neighborhood Edwards + 5.51E-7 * Neighborhood Gilbert + 5.56E-7 * Neighborhood IDOTRR + 5.56E-7 * Neighborhood MeadowV + 5.56E-7 * Neighborhood Mitchel + 5.56E-7 * Neighborhood NAmes + 5.53E-7 * Neighborhood NPkVill + 5.56E-7 * Neighborhood NWAmes + 5.52E-7 * Neighborhood NoRidge + 5.56E-7 * Neighborhood NridgHt + 5.56E-7 * Neighborhood OldTown + 5.52E-7 * Neighborhood SWISU + 5.56E-7 * Neighborhood Sawyer + 5.56E-7 * Neighborhood SawyerW + 5.56E-7 * Neighborhood Somerset + 5.56E-7 * Neighborhood StoneBr + 5.52E-7 * Neighborhood Timber - 4.75E-9 * GrLlvArea*Neighborhood Blmngtn + 3.23E-9 * GrLlvArea*Neighborhood Blueste - 4.79E-9 * GrLlvArea*Neighborhood BrDale - 4.72E-9 * GrLlvArea*Neighborhood BrkSide - 4.72E-9 * GrLlvArea*Neighborhood ClearCr - 4.72E-9 * GrLlvArea*Neighborhood CollgCr - 4.72E-9 * GrLlvArea*Neighborhood Crawfor - 4.72E-9 * GrLlvArea*Neighborhood Edwards - 4.72E-9 * GrLlvArea*Neighborhood Gilbert - 4.72E-9 * GrLlvArea*Neighborhood IDOTRR - 4.72E-9 * GrLlvArea*Neighborhood MeadowV - 4.72E-9 * GrLlvArea*Neighborhood Mitchel - 4.72E-9 * GrLlvArea*Neighborhood NAmes - 4.77E-9 * GrLlvArea*Neighborhood NPkVill - 4.72E-9 * GrLlvArea*Neighborhood NWAmes - 4.72E-9 * GrLlvArea*Neighborhood NoRidge - 4.72E-9 * GrLlvArea*Neighborhood NridgHt - 4.72E-9 * GrLlvArea*Neighborhood OldTown - 4.72E-9 * GrLlvArea*Neighborhood SWISU - 4.72E-9 * GrLlvArea*Neighborhood Sawyer - 4.72E-9 * GrLlvArea*Neighborhood SawyerW - 4.72E-9 * GrLlvArea*Neighborhood Somerset - 4.72E-9 * GrLlvArea*Neighborhood StoneBr - 4.72E-9 * GrLlvArea*Neighborhood Timber + 652E-16 * LotArea*Neighborhood BrDale + 664E-16 * LotArea*Neighborhood BrkSide + 664E-16 * LotArea*Neighborhood ClearCr + 664E-16 * LotArea*Neighborhood CollgCr + 664E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

OverallCo*Neighborhood Blmgtn =	Crawfor + 664E-16 * LotArea*Neighborhood Edwards + 663E-16 * LotArea*Neighborhood Gilbert + 664E-16 * LotArea*Neighborhood IDOTRR + 668E-16 * LotArea*Neighborhood MeadowV + 664E-16 * LotArea*Neighborhood Mitchel + 664E-16 * LotArea*Neighborhood NAmes + 643E-16 * LotArea*Neighborhood NPKVill + 663E-16 * LotArea*Neighborhood NWAmes + 663E-16 * LotArea*Neighborhood NoRidge + 664E-16 * LotArea*Neighborhood NridgHt + 663E-16 * LotArea*Neighborhood OldTown + 664E-16 * LotArea*Neighborhood SWISU + 663E-16 * LotArea*Neighborhood Sawyer + 664E-16 * LotArea*Neighborhood SawyerW + 663E-16 * LotArea*Neighborhood Somerset + 664E-16 * LotArea*Neighborhood StoneBr + 664E-16 * LotArea*Neighborhood Timber + 737E-12 * OverallCo*Neighborhood BrDale + 736E-12 * OverallCo*Neighborhood BrkSide + 735E-12 * OverallCo*Neighborhood ClearCr + 736E-12 * OverallCo*Neighborhood CollgCr + 735E-12 * OverallCo*Neighborhood Crawfor + 736E-12 * OverallCo*Neighborhood Edwards + 736E-12 * OverallCo*Neighborhood Gilbert + 736E-12 * OverallCo*Neighborhood IDOTRR + 736E-12 * OverallCo*Neighborhood MeadowV + 736E-12 * OverallCo*Neighborhood Mitchel + 736E-12 * OverallCo*Neighborhood NAmes + 734E-12 * OverallCo*Neighborhood NPKVill + 736E-12 * OverallCo*Neighborhood NWAmes + 735E-12 * OverallCo*Neighborhood NoRidge + 736E-12 * OverallCo*Neighborhood OldTown + 736E-12 * OverallCo*Neighborhood SWISU + 736E-12 * OverallCo*Neighborhood Sawyer + 736E-12 * OverallCo*Neighborhood SawyerW + 735E-12 * OverallCo*Neighborhood Somerset + 735E-12 * OverallCo*Neighborhood StoneBr + 734E-12 * OverallCo*Neighborhood Timber + 282E-12 * YearBuilt*Neighborhood Blmgtn + 263E-12 * YearBuilt*Neighborhood BrDale + 261E-12 * YearBuilt*Neighborhood BrkSide + 261E-12 * YearBuilt*Neighborhood ClearCr + 261E-12 * YearBuilt*Neighborhood CollgCr + 261E-12 * YearBuilt*Neighborhood Crawfor + 261E-12 * YearBuilt*Neighborhood Edwards + 261E-12 * YearBuilt*Neighborhood Gilbert + 261E-12 * YearBuilt*Neighborhood IDOTRR + 262E-12 * YearBuilt*Neighborhood MeadowV + 261E-12 * YearBuilt*Neighborhood Mitchel + 261E-12 * YearBuilt*Neighborhood NAmes + 258E-12 * YearBuilt*Neighborhood NPKVill + 261E-12 * YearBuilt*Neighborhood NWAmes + 261E-12 * YearBuilt*Neighborhood NoRidge + 261E-12 * YearBuilt*Neighborhood NridgHt + 261E-12 * YearBuilt*Neighborhood OldTown + 261E-12 * YearBuilt*Neighborhood SWISU + 261E-12 * YearBuilt*Neighborhood Sawyer + 261E-12 * YearBuilt*Neighborhood SawyerW + 261E-12 * YearBuilt*Neighborhood Somerset + 261E-12 * YearBuilt*Neighborhood StoneBr + 261E-12 * YearBuilt*Neighborhood Timber - 349E-14 * MasVnrAre*Neighborhood Blmgtn - 351E-14 * MasVnrAre*Neighborhood BrDale - 35E-13 * MasVnrAre*Neighborhood BrkSide - 35E-13 * MasVnrAre*Neighborhood ClearCr - 35E-13 * MasVnrAre*Neighborhood CollgCr - 35E-13 * MasVnrAre*Neighborhood Crawfor - 35E-13 * MasVnrAre*Neighborhood Edwards - 35E-13 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

OverallCo*Neighborhood Blmngtn =	Gilbert - 35E-13 * MasVnrAre*Neighborhood IDOTRR - 346E-14 * MasVnrAre*Neighborhood MeadowV - 35E-13 * MasVnrAre*Neighborhood Mitchel - 35E-13 * MasVnrAre*Neighborhood NAmes - 35E-13 * MasVnrAre*Neighborhood NWAmes - 35E-13 * MasVnrAre*Neighborhood NoRidge - 35E-13 * MasVnrAre*Neighborhood NridgHt - 35E-13 * MasVnrAre*Neighborhood OldTown - 35E-13 * MasVnrAre*Neighborhood SWISU - 35E-13 * MasVnrAre*Neighborhood Sawyer - 35E-13 * MasVnrAre*Neighborhood SawyerW - 35E-13 * MasVnrAre*Neighborhood Somerst - 35E-13 * MasVnrAre*Neighborhood StoneBr - 35E-13 * MasVnrAre*Neighborhood Timber - 199E-14 * TotalBsmt*Neighborhood Blmngtn - 206E-14 * TotalBsmt*Neighborhood BrDale - 198E-14 * TotalBsmt*Neighborhood BrkSide - 198E-14 * TotalBsmt*Neighborhood ClearCr - 198E-14 * TotalBsmt*Neighborhood CollgCr - 198E-14 * TotalBsmt*Neighborhood Crawfor - 198E-14 * TotalBsmt*Neighborhood Edwards - 198E-14 * TotalBsmt*Neighborhood Gilbert - 198E-14 * TotalBsmt*Neighborhood IDOTRR - 197E-14 * TotalBsmt*Neighborhood MeadowV - 198E-14 * TotalBsmt*Neighborhood Mitchel - 198E-14 * TotalBsmt*Neighborhood NAmes - 198E-14 * TotalBsmt*Neighborhood NPkVill - 198E-14 * TotalBsmt*Neighborhood NWAmes - 198E-14 * TotalBsmt*Neighborhood NoRidge - 198E-14 * TotalBsmt*Neighborhood NridgHt - 198E-14 * TotalBsmt*Neighborhood OldTown - 198E-14 * TotalBsmt*Neighborhood SWISU - 198E-14 * TotalBsmt*Neighborhood Sawyer - 198E-14 * TotalBsmt*Neighborhood SawyerW - 198E-14 * TotalBsmt*Neighborhood Somerst - 198E-14 * TotalBsmt*Neighborhood StoneBr - 198E-14 * TotalBsmt*Neighborhood Timber - 1.53E-9 * FullBath*Neighborhood Blmngtn - 1.53E-9 * FullBath*Neighborhood BrDale - 1.53E-9 * FullBath*Neighborhood BrkSide - 1.53E-9 * FullBath*Neighborhood ClearCr - 1.53E-9 * FullBath*Neighborhood CollgCr - 1.53E-9 * FullBath*Neighborhood Crawfor - 1.53E-9 * FullBath*Neighborhood Edwards - 1.52E-9 * FullBath*Neighborhood Gilbert - 1.52E-9 * FullBath*Neighborhood IDOTRR - 1.53E-9 * FullBath*Neighborhood MeadowV - 1.52E-9 * FullBath*Neighborhood Mitchel - 1.53E-9 * FullBath*Neighborhood NAmes - 1.53E-9 * FullBath*Neighborhood NWAmes - 1.53E-9 * FullBath*Neighborhood NoRidge - 1.53E-9 * FullBath*Neighborhood NridgHt - 1.53E-9 * FullBath*Neighborhood OldTown - 1.53E-9 * FullBath*Neighborhood SWISU - 1.53E-9 * FullBath*Neighborhood Sawyer - 1.53E-9 * FullBath*Neighborhood SawyerW - 1.53E-9 * FullBath*Neighborhood Somerst - 1.53E-9 * FullBath*Neighborhood StoneBr - 1.53E-9 * FullBath*Neighborhood Timber + 37E-11 * Fireplace*Neighborhood Blmngtn + 368E-12 * Fireplace*Neighborhood BrDale + 368E-12 * Fireplace*Neighborhood BrkSide + 368E-12 * Fireplace*Neighborhood ClearCr + 368E-12 * Fireplace*Neighborhood CollgCr + 368E-12 * Fireplace*Neighborhood Crawfor + 368E-12 * Fireplace*Neighborhood Edwards + 369E-12 * Fireplace*Neighborhood Gilbert + 368E-12 * Fireplace*Neighborhood IDOTRR + 371E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

OverallCo*Neighborhood Blmngtn =	MeadowV + 368E-12 * Fireplace*Neighborhood Mitchel + 368E-12 * Fireplace*Neighborhood NAmes + 367E-12 * Fireplace*Neighborhood NPkVill + 368E-12 * Fireplace*Neighborhood NWAmes + 369E-12 * Fireplace*Neighborhood NoRidge + 369E-12 * Fireplace*Neighborhood NridgHt + 368E-12 * Fireplace*Neighborhood OldTown + 368E-12 * Fireplace*Neighborhood SWISU + 368E-12 * Fireplace*Neighborhood Sawyer + 368E-12 * Fireplace*Neighborhood SawyerW + 368E-12 * Fireplace*Neighborhood Somerset + 369E-12 * Fireplace*Neighborhood StoneBr + 369E-12 * Fireplace*Neighborhood Timber + 4.48E-9 * Neighborhood*BldgType Blmngtn 1Fa + 4.53E-9 * Neighborhood*BldgType CollgCr 1Fa + 4.53E-9 * Neighborhood*BldgType Crawfor 1Fa + 4.53E-9 * Neighborhood*BldgType Crawfor 2fm + 4.53E-9 * Neighborhood*BldgType Edwards 1Fa + 4.53E-9 * Neighborhood*BldgType Edwards 2fm + 4.53E-9 * Neighborhood*BldgType IDOTRR 1Fam + 4.53E-9 * Neighborhood*BldgType IDOTRR 2fmc + 4.53E-9 * Neighborhood*BldgType Mitchel 1Fa + 4.53E-9 * Neighborhood*BldgType Mitchel 2fm + 4.53E-9 * Neighborhood*BldgType NAmes 1Fam + 4.53E-9 * Neighborhood*BldgType NWAmes 1Fam + 4.53E-9 * Neighborhood*BldgType NridgHt 1Fa + 4.53E-9 * Neighborhood*BldgType OldTown 1Fa + 4.53E-9 * Neighborhood*BldgType OldTown 2fm + 4.53E-9 * Neighborhood*BldgType Sawyer 1Fam + 4.53E-9 * Neighborhood*BldgType Sawyer 2fmc + 4.53E-9 * Neighborhood*BldgType SawyerW 1Fa + 4.53E-9 * Neighborhood*BldgType Somerset 1Fa + 4.53E-9 * Neighborhood*BldgType StoneBr 1Fa + 1.18E-9 * Neighborhood*HouseStyle BrkSide 1St + 1.18E-9 * Neighborhood*HouseStyle ClearCr 1St + 1.18E-9 * Neighborhood*HouseStyle CollgCr 1St + 1.18E-9 * Neighborhood*HouseStyle Crawfor 1St + 1.18E-9 * Neighborhood*HouseStyle Edwards 1St + 1.18E-9 * Neighborhood*HouseStyle Gilbert 1St + 1.18E-9 * Neighborhood*HouseStyle IDOTRR 1Sto + 1.18E-9 * Neighborhood*HouseStyle MeadowV 1St + 1.18E-9 * Neighborhood*HouseStyle Mitchel 1St + 1.18E-9 * Neighborhood*HouseStyle NAmes 1Sto + 1.2E-9 * Neighborhood*HouseStyle NPkVill 1St + 1.18E-9 * Neighborhood*HouseStyle NWAmes 1Sto + 1.18E-9 * Neighborhood*HouseStyle NoRidge 1St + 1.18E-9 * Neighborhood*HouseStyle NridgHt 1St + 1.18E-9 * Neighborhood*HouseStyle OldTown 1St + 1.18E-9 * Neighborhood*HouseStyle SWISU 1Sto + 1.18E-9 * Neighborhood*HouseStyle Sawyer 1Sto + 1.18E-9 * Neighborhood*HouseStyle SawyerW 1St + 1.18E-9 * Neighborhood*HouseStyle Somerset 1St + 1.18E-9 * Neighborhood*HouseStyle StoneBr 1St + 1.18E-9 * Neighborhood*HouseStyle Timber 1Sto - 876E-13 * GarageCar*Neighborhood Blmngtn
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

OverallCo*Neighborhood Blueste =	-3.09E-8 * Intercept + 262E-12 * GrLlvArea_I - 37E-16 * LotArea + 407E-13 * OverallCond + 145E-13 * YearBuilt - 192E-15 * MasVnrArea - 109E-15 * TotalBsmtSF - 836E-13 * FullBath + 205E-13 * Fireplaces + 253E-12 * BldgType 1Fam + 252E-12 * HouseStyle 1.5Unf + 655E-13 * HouseStyle 1Story + 253E-12 * HouseStyle 2.5Fin + 252E-12 * HouseStyle 2.5Unf - 252E-12 * BldgType*HouseStyle 1Fam 1.5Unf - 253E-12 * BldgType*HouseStyle 1Fam 2.5Fin - 252E-12 * BldgType*HouseStyle 1Fam 2.5Unf + 252E-12 * BldgType*HouseStyle 2fmCon 1.5Fi + 252E-12 * BldgType*HouseStyle 2fmCon 1Stor + 253E-12 * BldgType*HouseStyle 2fmCon 2Stor + 3.08E-8 * Neighborhood Blmgtn + 6 * Neighborhood Blueste + 3.12E-8 * Neighborhood BrDale + 3.07E-8 * Neighborhood BrkSide + 3.07E-8 * Neighborhood ClearCr + 3.09E-8 * Neighborhood CollgCr + 3.09E-8 * Neighborhood Crawfor + 3.09E-8 * Neighborhood Edwards + 3.07E-8 * Neighborhood Gilbert + 3.09E-8 * Neighborhood IDOTRR + 3.01E-8 * Neighborhood MeadowV + 3.09E-8 * Neighborhood Mitchel + 3.09E-8 * Neighborhood NAmes + 3.2E-8 * Neighborhood NPkVill + 3.09E-8 * Neighborhood NWAmes + 3.07E-8 * Neighborhood NoRidge + 3.07E-8 * Neighborhood NridgHt + 3.09E-8 * Neighborhood OldTown + 3.07E-8 * Neighborhood SWISU + 3.09E-8 * Neighborhood Sawyer + 3.09E-8 * Neighborhood SawyerW + 3.09E-8 * Neighborhood Somerst + 3.09E-8 * Neighborhood StoneBr + 3.07E-8 * Neighborhood Timber - 262E-12 * GrLlvArea*Neighborho Blmgtn + 173E-12 * GrLlvArea*Neighborho Blueste - 26E-11 * GrLlvArea*Neighborho BrDale - 262E-12 * GrLlvArea*Neighborho BrkSide - 262E-12 * GrLlvArea*Neighborho ClearCr - 262E-12 * GrLlvArea*Neighborho CollgCr - 262E-12 * GrLlvArea*Neighborho Crawfor - 262E-12 * GrLlvArea*Neighborho Edwards - 262E-12 * GrLlvArea*Neighborho Gilbert - 262E-12 * GrLlvArea*Neighborho IDOTRR - 249E-12 * GrLlvArea*Neighborho MeadowV - 262E-12 * GrLlvArea*Neighborho Mitchel - 262E-12 * GrLlvArea*Neighborho NAmes - 253E-12 * GrLlvArea*Neighborho NPkVill - 261E-12 * GrLlvArea*Neighborho NWAmes - 262E-12 * GrLlvArea*Neighborho NoRidge - 262E-12 * GrLlvArea*Neighborho NridgHt - 262E-12 * GrLlvArea*Neighborho OldTown - 262E-12 * GrLlvArea*Neighborho SWISU - 262E-12 * GrLlvArea*Neighborho Sawyer - 262E-12 * GrLlvArea*Neighborho SawyerW - 262E-12 * GrLlvArea*Neighborho Somerst - 262E-12 * GrLlvArea*Neighborho StoneBr - 262E-12 * GrLlvArea*Neighborho Timber + 369E-17 * LotArea*Neighborhood BrkSide + 369E-17 * LotArea*Neighborhood ClearCr + 369E-17 * LotArea*Neighborhood CollgCr + 369E-17 * LotArea*Neighborhood Crawfor + 368E-17 * LotArea*Neighborhood Edwards + 368E-17 * LotArea*Neighborhood Gilbert + 369E-17 * LotArea*Neighborhood IDOTRR + 368E-17 * LotArea*Neighborhood Mitchel + 369E-17 * LotArea*Neighborhood NAmes + 368E-17 * LotArea*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

OverallCo*Neighborhood Blueste =	NWAmes + 368E-17 * LotArea*Neighborhood NoRidge + 368E-17 * LotArea*Neighborhood NridgHt + 369E-17 * LotArea*Neighborhood OldTown + 369E-17 * LotArea*Neighborhood SWISU + 368E-17 * LotArea*Neighborhood Sawyer + 369E-17 * LotArea*Neighborhood SawyerW + 368E-17 * LotArea*Neighborhood Somerst + 369E-17 * LotArea*Neighborhood StoneBr + 369E-17 * LotArea*Neighborhood Timber + 407E-13 * OverallCo*Neighborhood BrDale + 407E-13 * OverallCo*Neighborhood BrkSide + 407E-13 * OverallCo*Neighborhood ClearCr + 407E-13 * OverallCo*Neighborhood CollgCr + 407E-13 * OverallCo*Neighborhood Crawfor + 407E-13 * OverallCo*Neighborhood Edwards + 407E-13 * OverallCo*Neighborhood Gilbert + 407E-13 * OverallCo*Neighborhood IDOTRR + 41E-12 * OverallCo*Neighborhood MeadowV + 407E-13 * OverallCo*Neighborhood Mitchel + 407E-13 * OverallCo*Neighborhood NAmes + 411E-13 * OverallCo*Neighborhood NPkVill + 407E-13 * OverallCo*Neighborhood NWAmes + 407E-13 * OverallCo*Neighborhood NoRidge + 407E-13 * OverallCo*Neighborhood OldTown + 407E-13 * OverallCo*Neighborhood SWISU + 407E-13 * OverallCo*Neighborhood Sawyer + 407E-13 * OverallCo*Neighborhood SawyerW + 407E-13 * OverallCo*Neighborhood Somerst + 407E-13 * OverallCo*Neighborhood StoneBr + 406E-13 * OverallCo*Neighborhood Timber + 146E-13 * YearBuilt*Neighborhood Blmngtn + 147E-13 * YearBuilt*Neighborhood BrDale + 145E-13 * YearBuilt*Neighborhood BrkSide + 145E-13 * YearBuilt*Neighborhood ClearCr + 146E-13 * YearBuilt*Neighborhood CollgCr + 146E-13 * YearBuilt*Neighborhood Crawfor + 145E-13 * YearBuilt*Neighborhood Edwards + 145E-13 * YearBuilt*Neighborhood Gilbert + 145E-13 * YearBuilt*Neighborhood IDOTRR + 142E-13 * YearBuilt*Neighborhood MeadowV + 146E-13 * YearBuilt*Neighborhood Mitchel + 146E-13 * YearBuilt*Neighborhood NAmes + 15E-12 * YearBuilt*Neighborhood NPkVill + 145E-13 * YearBuilt*Neighborhood NWAmes + 146E-13 * YearBuilt*Neighborhood NoRidge + 145E-13 * YearBuilt*Neighborhood NridgHt + 145E-13 * YearBuilt*Neighborhood OldTown + 146E-13 * YearBuilt*Neighborhood SWISU + 145E-13 * YearBuilt*Neighborhood Sawyer + 145E-13 * YearBuilt*Neighborhood SawyerW + 145E-13 * YearBuilt*Neighborhood Somerst + 145E-13 * YearBuilt*Neighborhood StoneBr + 146E-13 * YearBuilt*Neighborhood Timber - 193E-15 * MasVnrAre*Neighborhood BrDale - 192E-15 * MasVnrAre*Neighborhood ClearCr - 192E-15 * MasVnrAre*Neighborhood CollgCr - 192E-15 * MasVnrAre*Neighborhood Crawfor - 192E-15 * MasVnrAre*Neighborhood Edwards - 192E-15 * MasVnrAre*Neighborhood Gilbert - 192E-15 * MasVnrAre*Neighborhood IDOTRR - 192E-15 * MasVnrAre*Neighborhood Mitchel - 192E-15 * MasVnrAre*Neighborhood NAmes - 192E-15 * MasVnrAre*Neighborhood NWAmes - 192E-15 * MasVnrAre*Neighborhood NoRidge - 192E-15 * MasVnrAre*Neighborhood NridgHt - 192E-15 * MasVnrAre*Neighborhood OldTown - 192E-15 * MasVnrAre*Neighborhood Sawyer - 192E-15 * MasVnrAre*Neighborhood SawyerW - 192E-15 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

OverallCo*Neighborhood Blueste =	Somerset - 192E-15 * MasVnrAre*Neighborhood StoneBr - 192E-15 * MasVnrAre*Neighborhood Timber - 109E-15 * TotalBsmt*Neighborhood Blmngtn - 107E-15 * TotalBsmt*Neighborhood BrDale - 109E-15 * TotalBsmt*Neighborhood BrkSide - 109E-15 * TotalBsmt*Neighborhood ClearCr - 109E-15 * TotalBsmt*Neighborhood CollgCr - 109E-15 * TotalBsmt*Neighborhood Crawfor - 109E-15 * TotalBsmt*Neighborhood Edwards - 109E-15 * TotalBsmt*Neighborhood Gilbert - 109E-15 * TotalBsmt*Neighborhood IDOTRR - 958E-16 * TotalBsmt*Neighborhood MeadowV - 109E-15 * TotalBsmt*Neighborhood Mitchel - 109E-15 * TotalBsmt*Neighborhood NAmes - 108E-15 * TotalBsmt*Neighborhood NPkVill - 109E-15 * TotalBsmt*Neighborhood NWAmes - 109E-15 * TotalBsmt*Neighborhood NoRidge - 109E-15 * TotalBsmt*Neighborhood NridgHt - 109E-15 * TotalBsmt*Neighborhood OldTown - 109E-15 * TotalBsmt*Neighborhood SWISU - 109E-15 * TotalBsmt*Neighborhood Sawyer - 109E-15 * TotalBsmt*Neighborhood SawyerW - 109E-15 * TotalBsmt*Neighborhood Somerset - 109E-15 * TotalBsmt*Neighborhood StoneBr - 109E-15 * TotalBsmt*Neighborhood Timber - 841E-13 * FullBath*Neighborhood Blmngtn - 839E-13 * FullBath*Neighborhood BrDale - 842E-13 * FullBath*Neighborhood BrkSide - 842E-13 * FullBath*Neighborhood ClearCr - 841E-13 * FullBath*Neighborhood CollgCr - 841E-13 * FullBath*Neighborhood Crawfor - 841E-13 * FullBath*Neighborhood Edwards - 841E-13 * FullBath*Neighborhood Gilbert - 841E-13 * FullBath*Neighborhood IDOTRR - 885E-13 * FullBath*Neighborhood MeadowV - 841E-13 * FullBath*Neighborhood Mitchel - 841E-13 * FullBath*Neighborhood NAmes - 841E-13 * FullBath*Neighborhood NWAmes - 842E-13 * FullBath*Neighborhood NoRidge - 842E-13 * FullBath*Neighborhood NridgHt - 841E-13 * FullBath*Neighborhood OldTown - 841E-13 * FullBath*Neighborhood SWISU - 841E-13 * FullBath*Neighborhood Sawyer - 841E-13 * FullBath*Neighborhood SawyerW - 841E-13 * FullBath*Neighborhood Somerset - 841E-13 * FullBath*Neighborhood StoneBr - 842E-13 * FullBath*Neighborhood Timber + 207E-13 * Fireplace*Neighborhood BrkSide + 207E-13 * Fireplace*Neighborhood ClearCr + 207E-13 * Fireplace*Neighborhood CollgCr + 207E-13 * Fireplace*Neighborhood Crawfor + 207E-13 * Fireplace*Neighborhood Edwards + 208E-13 * Fireplace*Neighborhood Gilbert + 207E-13 * Fireplace*Neighborhood Mitchel + 207E-13 * Fireplace*Neighborhood NAmes + 207E-13 * Fireplace*Neighborhood NWAmes + 207E-13 * Fireplace*Neighborhood NoRidge + 207E-13 * Fireplace*Neighborhood NridgHt + 207E-13 * Fireplace*Neighborhood OldTown + 207E-13 * Fireplace*Neighborhood SWISU + 207E-13 * Fireplace*Neighborhood Sawyer + 207E-13 * Fireplace*Neighborhood SawyerW + 207E-13 * Fireplace*Neighborhood Somerset + 208E-13 * Fireplace*Neighborhood StoneBr + 208E-13 * Fireplace*Neighborhood Timber + 253E-12 * Neighborhood*BldgType Blmngtn 1Fa + 253E-12 * Neighborhood*BldgType CollgCr 1Fa + 253E-12 * Neighborhood*BldgType Crawfor 1Fa + 252E-12 * Neighborhood*BldgType Crawfor
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

OverallCo*Neighborhood Blueste =	2fm + 253E-12 * Neighborhood*BldgType Edwards 1Fa + 253E-12 * Neighborhood*BldgType Edwards 2fm + 253E-12 * Neighborhood*BldgType IDOTRR 1Fam + 253E-12 * Neighborhood*BldgType IDOTRR 2fmc + 252E-12 * Neighborhood*BldgType Mitchel 1Fa + 252E-12 * Neighborhood*BldgType Mitchel 2fm + 253E-12 * Neighborhood*BldgType NAmes 1Fam + 253E-12 * Neighborhood*BldgType NWAmes 1Fam + 253E-12 * Neighborhood*BldgType NridgHt 1Fa + 253E-12 * Neighborhood*BldgType OldTown 1Fa + 253E-12 * Neighborhood*BldgType OldTown 2fm + 253E-12 * Neighborhood*BldgType Sawyer 1Fam + 253E-12 * Neighborhood*BldgType Sawyer 2fmc + 253E-12 * Neighborhood*BldgType SawyerW 1Fa + 253E-12 * Neighborhood*BldgType Somerst 1Fa + 253E-12 * Neighborhood*BldgType StoneBr 1Fa + 654E-13 * Neighborhood*HouseStyle BrkSide 1St + 654E-13 * Neighborhood*HouseStyle ClearCr 1St + 654E-13 * Neighborhood*HouseStyle CollgCr 1St + 653E-13 * Neighborhood*HouseStyle Crawfor 1St + 654E-13 * Neighborhood*HouseStyle Edwards 1St + 654E-13 * Neighborhood*HouseStyle Gilbert 1St + 654E-13 * Neighborhood*HouseStyle IDOTRR 1Sto + 654E-13 * Neighborhood*HouseStyle Mitchel 1St + 654E-13 * Neighborhood*HouseStyle NAmes 1Stor + 628E-13 * Neighborhood*HouseStyle NPKVill 1St + 654E-13 * Neighborhood*HouseStyle NWAmes 1Sto + 653E-13 * Neighborhood*HouseStyle NoRidge 1St + 654E-13 * Neighborhood*HouseStyle NridgHt 1St + 654E-13 * Neighborhood*HouseStyle OldTown 1St + 654E-13 * Neighborhood*HouseStyle Sawyer 1Sto + 654E-13 * Neighborhood*HouseStyle SawyerW 1St + 654E-13 * Neighborhood*HouseStyle Somerst 1St + 654E-13 * Neighborhood*HouseStyle StoneBr 1St + 654E-13 * Neighborhood*HouseStyle Timber 1Sto
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

OverallCo*Neighborhood NridgHt =	5.43E-7 * Intercept - 4.59E-9 * GrLlvArea_I + 646E-16 * LotArea - 717E-12 * OverallCond - 255E-12 * YearBuilt + 34E-13 * MasVnrArea + 192E-14 * TotalBsmtSF + 1.48E-9 * FullBath - 356E-12 * Fireplaces - 4.43E-9 * BldgType 1Fam - 4.42E-9 * HouseStyle 1.5Unf - 1.15E-9 * HouseStyle 1Story - 4.44E-9 * HouseStyle 2.5Fin - 4.42E-9 * HouseStyle 2.5Unf + 4.43E-9 * BldgType*HouseStyle 1Fam 1.5Unf + 4.44E-9 * BldgType*HouseStyle 1Fam 2.5Fin + 4.43E-9 * BldgType*HouseStyle 1Fam 2.5Unf - 4.43E-9 * BldgType*HouseStyle 2fmCon 1.5Fi - 4.42E-9 * BldgType*HouseStyle 2fmCon 1Stor - 4.43E-9 * BldgType*HouseStyle 2fmCon 2Stor - 5.32E-7 * Neighborhood Blmgtn + 1.95E-8 * Neighborhood Blueste - 5.4E-7 * Neighborhood BrDale - 5.38E-7 * Neighborhood BrkSide - 5.38E-7 * Neighborhood ClearCr - 5.43E-7 * Neighborhood CollgCr - 5.43E-7 * Neighborhood Crawfor - 5.43E-7 * Neighborhood Edwards - 5.38E-7 * Neighborhood Gilbert - 5.43E-7 * Neighborhood IDOTRR - 5.42E-7 * Neighborhood MeadowV - 5.43E-7 * Neighborhood Mitchel - 5.43E-7 * Neighborhood NAmes - 5.43E-7 * Neighborhood NPkVill - 5.43E-7 * Neighborhood NWAmes - 5.38E-7 * Neighborhood NoRidge + 5 * Neighborhood NridgHt - 5.43E-7 * Neighborhood OldTown - 5.38E-7 * Neighborhood SWISU - 5.43E-7 * Neighborhood Sawyer - 5.43E-7 * Neighborhood SawyerW - 5.43E-7 * Neighborhood Somerst - 5.43E-7 * Neighborhood StoneBr - 5.39E-7 * Neighborhood Timber + 4.59E-9 * GrLlvArea*Neighborhood Blmgtn - 3.14E-9 * GrLlvArea*Neighborhood Blueste + 4.56E-9 * GrLlvArea*Neighborhood BrDale + 4.59E-9 * GrLlvArea*Neighborhood BrkSide + 4.59E-9 * GrLlvArea*Neighborhood ClearCr + 4.59E-9 * GrLlvArea*Neighborhood CollgCr + 4.59E-9 * GrLlvArea*Neighborhood Crawfor + 4.59E-9 * GrLlvArea*Neighborhood Edwards + 4.59E-9 * GrLlvArea*Neighborhood Gilbert + 4.59E-9 * GrLlvArea*Neighborhood IDOTRR + 4.6E-9 * GrLlvArea*Neighborhood MeadowV + 4.59E-9 * GrLlvArea*Neighborhood Mitchel + 4.59E-9 * GrLlvArea*Neighborhood NAmes + 4.61E-9 * GrLlvArea*Neighborhood NPkVill + 4.59E-9 * GrLlvArea*Neighborhood NWAmes + 4.59E-9 * GrLlvArea*Neighborhood NoRidge + 4.59E-9 * GrLlvArea*Neighborhood NridgHt + 4.59E-9 * GrLlvArea*Neighborhood OldTown + 4.59E-9 * GrLlvArea*Neighborhood SWISU + 4.59E-9 * GrLlvArea*Neighborhood Sawyer + 4.59E-9 * GrLlvArea*Neighborhood SawyerW + 4.59E-9 * GrLlvArea*Neighborhood Somerst + 4.59E-9 * GrLlvArea*Neighborhood StoneBr + 4.6E-9 * GrLlvArea*Neighborhood Timber - 762E-16 * LotArea*Neighborhood Blmgtn - 647E-16 * LotArea*Neighborhood BrkSide - 647E-16 * LotArea*Neighborhood ClearCr - 647E-16 * LotArea*Neighborhood CollgCr - 647E-16 * LotArea*Neighborhood Crawfor - 647E-16 * LotArea*Neighborhood Edwards - 647E-16 * LotArea*Neighborhood Gilbert - 647E-16 * LotArea*Neighborhood IDOTRR - 649E-16 * LotArea*Neighborhood MeadowV - 647E-16 * LotArea*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

OverallCo*Neighborhood NridgHt =	Mitchel - 647E-16 * LotArea*Neighborhood NAmes - 644E-16 * LotArea*Neighborhood NPkVill - 646E-16 * LotArea*Neighborhood NWAmes - 647E-16 * LotArea*Neighborhood NoRidge - 647E-16 * LotArea*Neighborhood NridgHt - 647E-16 * LotArea*Neighborhood OldTown - 647E-16 * LotArea*Neighborhood SWISU - 647E-16 * LotArea*Neighborhood Sawyer - 648E-16 * LotArea*Neighborhood SawyerW - 646E-16 * LotArea*Neighborhood Somerst - 647E-16 * LotArea*Neighborhood StoneBr - 647E-16 * LotArea*Neighborhood Timber + 717E-12 * OverallCo*Neighborhood BrDale + 717E-12 * OverallCo*Neighborhood BrkSide + 717E-12 * OverallCo*Neighborhood ClearCr + 717E-12 * OverallCo*Neighborhood CollgCr + 717E-12 * OverallCo*Neighborhood Crawfor + 717E-12 * OverallCo*Neighborhood Edwards + 717E-12 * OverallCo*Neighborhood Gilbert + 717E-12 * OverallCo*Neighborhood IDOTRR + 717E-12 * OverallCo*Neighborhood MeadowV + 717E-12 * OverallCo*Neighborhood Mitchel + 717E-12 * OverallCo*Neighborhood NAmes + 717E-12 * OverallCo*Neighborhood NPkVill + 717E-12 * OverallCo*Neighborhood NWAmes + 716E-12 * OverallCo*Neighborhood NoRidge - 717E-12 * OverallCo*Neighborhood OldTown - 717E-12 * OverallCo*Neighborhood SWISU - 717E-12 * OverallCo*Neighborhood Sawyer - 717E-12 * OverallCo*Neighborhood SawyerW - 716E-12 * OverallCo*Neighborhood Somerst - 716E-12 * OverallCo*Neighborhood StoneBr - 716E-12 * OverallCo*Neighborhood Timber - 252E-12 * YearBuilt*Neighborhood Blmgtn - 254E-12 * YearBuilt*Neighborhood BrDale - 255E-12 * YearBuilt*Neighborhood BrkSide - 255E-12 * YearBuilt*Neighborhood ClearCr - 255E-12 * YearBuilt*Neighborhood CollgCr - 255E-12 * YearBuilt*Neighborhood Crawfor - 255E-12 * YearBuilt*Neighborhood Edwards - 255E-12 * YearBuilt*Neighborhood Gilbert - 255E-12 * YearBuilt*Neighborhood IDOTRR - 255E-12 * YearBuilt*Neighborhood MeadowV - 255E-12 * YearBuilt*Neighborhood Mitchel - 255E-12 * YearBuilt*Neighborhood NAmes - 254E-12 * YearBuilt*Neighborhood NPkVill - 255E-12 * YearBuilt*Neighborhood NWAmes - 255E-12 * YearBuilt*Neighborhood NoRidge - 256E-12 * YearBuilt*Neighborhood NridgHt - 255E-12 * YearBuilt*Neighborhood OldTown - 255E-12 * YearBuilt*Neighborhood SWISU - 255E-12 * YearBuilt*Neighborhood Sawyer - 255E-12 * YearBuilt*Neighborhood SawyerW - 255E-12 * YearBuilt*Neighborhood Somerst - 255E-12 * YearBuilt*Neighborhood StoneBr - 255E-12 * YearBuilt*Neighborhood Timber + 34E-13 * MasVnrAre*Neighborhood Blmgtn + 339E-14 * MasVnrAre*Neighborhood BrDale + 34E-13 * MasVnrAre*Neighborhood BrkSide + 34E-13 * MasVnrAre*Neighborhood ClearCr + 34E-13 * MasVnrAre*Neighborhood CollgCr + 34E-13 * MasVnrAre*Neighborhood Crawfor + 34E-13 * MasVnrAre*Neighborhood Edwards + 34E-13 * MasVnrAre*Neighborhood Gilbert + 34E-13 * MasVnrAre*Neighborhood IDOTRR + 34E-13 * MasVnrAre*Neighborhood Mitchel + 34E-13 * MasVnrAre*Neighborhood NAmes + 34E-13 * MasVnrAre*Neighborhood NWAmes + 34E-13 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

OverallCo*Neighborhood NridgHt =	NoRidge + 34E-13 * MasVnrAre*Neighborhood NridgHt + 34E-13 * MasVnrAre*Neighborhood OldTown + 34E-13 * MasVnrAre*Neighborhood SWISU + 34E-13 * MasVnrAre*Neighborhood Sawyer + 34E-13 * MasVnrAre*Neighborhood SawyerW + 34E-13 * MasVnrAre*Neighborhood Somerst + 34E-13 * MasVnrAre*Neighborhood StoneBr + 34E-13 * MasVnrAre*Neighborhood Timber + 192E-14 * TotalBsmt*Neighborhood Blmngtn + 188E-14 * TotalBsmt*Neighborhood BrDale + 192E-14 * TotalBsmt*Neighborhood BrkSide + 192E-14 * TotalBsmt*Neighborhood ClearCr + 192E-14 * TotalBsmt*Neighborhood CollgCr + 192E-14 * TotalBsmt*Neighborhood Crawfor + 192E-14 * TotalBsmt*Neighborhood Edwards + 192E-14 * TotalBsmt*Neighborhood Gilbert + 192E-14 * TotalBsmt*Neighborhood IDOTRR + 193E-14 * TotalBsmt*Neighborhood MeadowV + 192E-14 * TotalBsmt*Neighborhood Mitchel + 192E-14 * TotalBsmt*Neighborhood NAmes + 192E-14 * TotalBsmt*Neighborhood NPkVill + 192E-14 * TotalBsmt*Neighborhood NWAmes + 192E-14 * TotalBsmt*Neighborhood NoRidge + 192E-14 * TotalBsmt*Neighborhood NridgHt + 192E-14 * TotalBsmt*Neighborhood OldTown + 192E-14 * TotalBsmt*Neighborhood SWISU + 192E-14 * TotalBsmt*Neighborhood Sawyer + 192E-14 * TotalBsmt*Neighborhood SawyerW + 192E-14 * TotalBsmt*Neighborhood Somerst + 192E-14 * TotalBsmt*Neighborhood StoneBr + 192E-14 * TotalBsmt*Neighborhood Timber + 1.48E-9 * FullBath*Neighborhood Blmngtn + 1.48E-9 * FullBath*Neighborhood BrDale + 1.49E-9 * FullBath*Neighborhood BrkSide + 1.49E-9 * FullBath*Neighborhood ClearCr + 1.49E-9 * FullBath*Neighborhood CollgCr + 1.49E-9 * FullBath*Neighborhood Crawfor + 1.49E-9 * FullBath*Neighborhood Edwards + 1.48E-9 * FullBath*Neighborhood Gilbert + 1.48E-9 * FullBath*Neighborhood IDOTRR + 1.48E-9 * FullBath*Neighborhood MeadowV + 1.49E-9 * FullBath*Neighborhood Mitchel + 1.48E-9 * FullBath*Neighborhood NAmes + 1.49E-9 * FullBath*Neighborhood NWAmes + 1.48E-9 * FullBath*Neighborhood NoRidge + 1.49E-9 * FullBath*Neighborhood NridgHt + 1.49E-9 * FullBath*Neighborhood OldTown + 1.49E-9 * FullBath*Neighborhood SWISU + 1.48E-9 * FullBath*Neighborhood Sawyer + 1.49E-9 * FullBath*Neighborhood SawyerW + 1.49E-9 * FullBath*Neighborhood Somerst + 1.49E-9 * FullBath*Neighborhood StoneBr + 1.49E-9 * FullBath*Neighborhood Timber - 361E-12 * Fireplace*Neighborhood Blmngtn - 361E-12 * Fireplace*Neighborhood BrkSide - 362E-12 * Fireplace*Neighborhood ClearCr - 362E-12 * Fireplace*Neighborhood CollgCr - 362E-12 * Fireplace*Neighborhood Crawfor - 362E-12 * Fireplace*Neighborhood Edwards - 362E-12 * Fireplace*Neighborhood Gilbert - 361E-12 * Fireplace*Neighborhood IDOTRR - 36E-11 * Fireplace*Neighborhood MeadowV - 362E-12 * Fireplace*Neighborhood Mitchel - 362E-12 * Fireplace*Neighborhood NAmes - 361E-12 * Fireplace*Neighborhood NPkVill - 362E-12 * Fireplace*Neighborhood NWAmes - 362E-12 * Fireplace*Neighborhood NoRidge - 363E-12 * Fireplace*Neighborhood NridgHt - 361E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

OverallCo*Neighborhood NridgHt =	OldTown - 362E-12 * Fireplace*Neighborhood SWISU - 362E-12 * Fireplace*Neighborhood Sawyer - 361E-12 * Fireplace*Neighborhood SawyerW - 361E-12 * Fireplace*Neighborhood Somerst - 362E-12 * Fireplace*Neighborhood StoneBr - 362E-12 * Fireplace*Neighborhood Timber - 4.44E-9 * Neighborhood*BldgType Blmgtn 1Fa - 4.43E-9 * Neighborhood*BldgType CollgCr 1Fa - 4.43E-9 * Neighborhood*BldgType Crawfor 1Fa - 4.42E-9 * Neighborhood*BldgType Crawfor 2fm - 4.43E-9 * Neighborhood*BldgType Edwards 1Fa - 4.42E-9 * Neighborhood*BldgType Edwards 2fm - 4.43E-9 * Neighborhood*BldgType IDOTRR 1Fam - 4.42E-9 * Neighborhood*BldgType IDOTRR 2fmc - 4.42E-9 * Neighborhood*BldgType Mitchel 1Fa - 4.42E-9 * Neighborhood*BldgType Mitchel 2fm - 4.43E-9 * Neighborhood*BldgType NAmes 1Fam - 4.43E-9 * Neighborhood*BldgType NWAmes 1Fam - 4.43E-9 * Neighborhood*BldgType NridgHt 1Fa - 4.43E-9 * Neighborhood*BldgType OldTown 1Fa - 4.43E-9 * Neighborhood*BldgType OldTown 2fm - 4.43E-9 * Neighborhood*BldgType Sawyer 1Fam - 4.42E-9 * Neighborhood*BldgType Sawyer 2fmc - 4.43E-9 * Neighborhood*BldgType SawyerW 1Fa - 4.43E-9 * Neighborhood*BldgType Somerst 1Fa - 4.43E-9 * Neighborhood*BldgType StoneBr 1Fa - 1.15E-9 * Neighborhood*HouseStyle BrkSide 1St - 1.15E-9 * Neighborhood*HouseStyle ClearCr 1St - 1.15E-9 * Neighborhood*HouseStyle CollgCr 1St - 1.15E-9 * Neighborhood*HouseStyle Crawfor 1St - 1.15E-9 * Neighborhood*HouseStyle Edwards 1St - 1.15E-9 * Neighborhood*HouseStyle Gilbert 1St - 1.15E-9 * Neighborhood*HouseStyle IDOTRR 1Sto - 1.15E-9 * Neighborhood*HouseStyle MeadowV 1St - 1.15E-9 * Neighborhood*HouseStyle Mitchel 1St - 1.15E-9 * Neighborhood*HouseStyle NAmes 1Stor - 1.16E-9 * Neighborhood*HouseStyle NPkVill 1St - 1.15E-9 * Neighborhood*HouseStyle NWAmes 1Sto - 1.14E-9 * Neighborhood*HouseStyle NoRidge 1St - 1.15E-9 * Neighborhood*HouseStyle NridgHt 1St - 1.15E-9 * Neighborhood*HouseStyle OldTown 1St - 1.15E-9 * Neighborhood*HouseStyle SWISU 1Stor - 1.15E-9 * Neighborhood*HouseStyle Sawyer 1Sto - 1.15E-9 * Neighborhood*HouseStyle SawyerW 1St - 1.15E-9 * Neighborhood*HouseStyle Somerst 1St - 1.15E-9 * Neighborhood*HouseStyle StoneBr 1St - 1.15E-9 * Neighborhood*HouseStyle Timber 1Sto + 941E-17 * YearBuilt*GarageCars
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

YearBuilt*Neighborhood Blueste =	<pre> 8.8E-6 * Intercept - 7.5E-8 * GrLlvArea_I + 103E-14 * LotArea - 1.17E-8 * OverallCond - 4.14E-9 * YearBuilt + 559E-13 * MasVnr Area + 315E-13 * TotalBsmtSF + 2.41E-8 * FullBath - 5.69E-9 * Fireplaces - 7.17E-8 * BldgType 1Fam - 7.16E-8 * HouseStyle 1.5Unf - 1.88E-8 * HouseStyle 1Story - 7.19E-8 * HouseStyle 2.5Fin - 7.16E-8 * HouseStyle 2.5Unf + 7.16E-8 * BldgType*HouseStyle 1Fam 1.5Unf + 7.18E-8 * BldgType*HouseStyle 1Fam 2.5Fin + 7.17E-8 * BldgType*HouseStyle 1Fam 2.5Unf - 7.16E-8 * BldgType*HouseStyle 2fmCon 1.5Fi - 7.17E-8 * BldgType*HouseStyle 2fmCon 1Stor - 7.17E-8 * BldgType*HouseStyle 2fmCon 2Stor - 8.59E-6 * Neighborhood Blmngtn + 1980 * Neighborhood Blueste - 8.79E-6 * Neighborhood BrDale - 8.73E-6 * Neighborhood BrkSide - 8.73E-6 * Neighborhood ClearCr - 8.8E-6 * Neighborhood CollgCr - 8.8E-6 * Neighborhood Crawfor - 8.8E-6 * Neighborhood Edwards - 8.73E-6 * Neighborhood Gilbert - 8.8E-6 * Neighborhood IDOTRR - 9.06E-6 * Neighborhood MeadowV - 8.8E-6 * Neighborhood Mitchel - 8.8E-6 * Neighborhood NAmes - 8.68E-6 * Neighborhood NPkVill - 8.8E-6 * Neighborhood NWAmes - 8.73E-6 * Neighborhood NoRidge - 8.74E-6 * Neighborhood NridgHt - 8.8E-6 * Neighborhood OldTown - 8.73E-6 * Neighborhood SWISU - 8.8E-6 * Neighborhood Sawyer - 8.8E-6 * Neighborhood SawyerW - 8.8E-6 * Neighborhood Somerst - 8.8E-6 * Neighborhood StoneBr - 8.73E-6 * Neighborhood Timber + 7.49E-8 * GrLlvArea*Neighborho Blmngtn - 5.22E-8 * GrLlvArea*Neighborho Blueste + 7.57E-8 * GrLlvArea*Neighborho BrDale + 7.49E-8 * GrLlvArea*Neighborho BrkSide + 7.49E-8 * GrLlvArea*Neighborho ClearCr + 7.49E-8 * GrLlvArea*Neighborho CollgCr + 7.49E-8 * GrLlvArea*Neighborho Crawfor + 7.49E-8 * GrLlvArea*Neighborho Edwards + 7.49E-8 * GrLlvArea*Neighborho Gilbert + 7.49E-8 * GrLlvArea*Neighborho IDOTRR + 7.82E-8 * GrLlvArea*Neighborho MeadowV + 7.49E-8 * GrLlvArea*Neighborho Mitchel + 7.49E-8 * GrLlvArea*Neighborho NAmes + 7.6E-8 * GrLlvArea*Neighborho NPkVill + 7.49E-8 * GrLlvArea*Neighborho NWAmes + 7.49E-8 * GrLlvArea*Neighborho NoRidge + 7.49E-8 * GrLlvArea*Neighborho NridgHt + 7.49E-8 * GrLlvArea*Neighborho OldTown + 7.49E-8 * GrLlvArea*Neighborho SWISU + 7.49E-8 * GrLlvArea*Neighborho Sawyer + 7.49E-8 * GrLlvArea*Neighborho SawyerW + 7.49E-8 * GrLlvArea*Neighborho Somerst + 7.49E-8 * GrLlvArea*Neighborho StoneBr + 7.5E-8 * GrLlvArea*Neighborho Timber - 105E-14 * LotArea*Neighborhood BrkSide - 105E-14 * LotArea*Neighborhood ClearCr - 105E-14 * LotArea*Neighborhood CollgCr - 105E-14 * LotArea*Neighborhood Crawfor - 105E-14 * LotArea*Neighborhood Edwards - 105E-14 * LotArea*Neighborhood Gilbert - 105E-14 * LotArea*Neighborhood IDOTRR - 105E-14 * LotArea*Neighborhood Mitchel - 105E-14 * LotArea*Neighborhood NAmes - 105E-14 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

YearBuilt*Neighborhood Blueste =	NWAmes - 105E-14 * LotArea*Neighborhood NoRidge - 105E-14 * LotArea*Neighborhood NridgHt - 105E-14 * LotArea*Neighborhood OldTown - 105E-14 * LotArea*Neighborhood SWISU - 105E-14 * LotArea*Neighborhood Sawyer - 105E-14 * LotArea*Neighborhood SawyerW - 105E-14 * LotArea*Neighborhood Somerst - 105E-14 * LotArea*Neighborhood StoneBr - 105E-14 * LotArea*Neighborhood Timber + 1.17E-8 * OverallCo*Neighborhood BrDale + 1.17E-8 * OverallCo*Neighborhood BrkSide + 1.17E-8 * OverallCo*Neighborhood ClearCr + 1.17E-8 * OverallCo*Neighborhood CollgCr + 1.17E-8 * OverallCo*Neighborhood Crawfor + 1.17E-8 * OverallCo*Neighborhood Edwards + 1.17E-8 * OverallCo*Neighborhood Gilbert + 1.17E-8 * OverallCo*Neighborhood IDOTRR + 1.16E-8 * OverallCo*Neighborhood MeadowV + 1.17E-8 * OverallCo*Neighborhood Mitchel + 1.17E-8 * OverallCo*Neighborhood NAMES + 1.17E-8 * OverallCo*Neighborhood NPkVill + 1.17E-8 * OverallCo*Neighborhood NWAmes + 1.17E-8 * OverallCo*Neighborhood NoRidge + 1.17E-8 * OverallCo*Neighborhood OldTown + 1.17E-8 * OverallCo*Neighborhood SWISU + 1.17E-8 * OverallCo*Neighborhood Sawyer + 1.17E-8 * OverallCo*Neighborhood SawyerW + 1.17E-8 * OverallCo*Neighborhood Somerst + 1.17E-8 * OverallCo*Neighborhood StoneBr + 1.17E-8 * OverallCo*Neighborhood Timber + 4.07E-9 * YearBuilt*Neighborhood Blmgtn - 4.13E-9 * YearBuilt*Neighborhood BrDale - 4.14E-9 * YearBuilt*Neighborhood BrkSide - 4.14E-9 * YearBuilt*Neighborhood ClearCr - 4.14E-9 * YearBuilt*Neighborhood CollgCr - 4.14E-9 * YearBuilt*Neighborhood Crawfor - 4.14E-9 * YearBuilt*Neighborhood Edwards - 4.14E-9 * YearBuilt*Neighborhood Gilbert - 4.14E-9 * YearBuilt*Neighborhood IDOTRR - 4.26E-9 * YearBuilt*Neighborhood MeadowV - 4.14E-9 * YearBuilt*Neighborhood Mitchel - 4.14E-9 * YearBuilt*Neighborhood NAMES - 4.05E-9 * YearBuilt*Neighborhood NPkVill - 4.14E-9 * YearBuilt*Neighborhood NWAmes - 4.14E-9 * YearBuilt*Neighborhood NoRidge - 4.13E-9 * YearBuilt*Neighborhood NridgHt - 4.14E-9 * YearBuilt*Neighborhood OldTown - 4.14E-9 * YearBuilt*Neighborhood SWISU - 4.14E-9 * YearBuilt*Neighborhood Sawyer - 4.14E-9 * YearBuilt*Neighborhood SawyerW - 4.13E-9 * YearBuilt*Neighborhood Somerst - 4.14E-9 * YearBuilt*Neighborhood StoneBr - 4.14E-9 * YearBuilt*Neighborhood Timber + 558E-13 * MasVnrAre*Neighborhood BrDale + 558E-13 * MasVnrAre*Neighborhood ClearCr + 558E-13 * MasVnrAre*Neighborhood CollgCr + 558E-13 * MasVnrAre*Neighborhood Crawfor + 558E-13 * MasVnrAre*Neighborhood Edwards + 558E-13 * MasVnrAre*Neighborhood Gilbert + 558E-13 * MasVnrAre*Neighborhood IDOTRR + 558E-13 * MasVnrAre*Neighborhood Mitchel + 558E-13 * MasVnrAre*Neighborhood NAMES + 558E-13 * MasVnrAre*Neighborhood NWAmes + 558E-13 * MasVnrAre*Neighborhood NoRidge + 558E-13 * MasVnrAre*Neighborhood NridgHt + 558E-13 * MasVnrAre*Neighborhood OldTown + 558E-13 * MasVnrAre*Neighborhood Sawyer + 558E-13 * MasVnrAre*Neighborhood SawyerW + 558E-13 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

YearBuilt*Neighborhood Blueste =	Somerset + 558E-13 * MasVnrAre*Neighborhood StoneBr + 558E-13 * MasVnrAre*Neighborhood Timber + 316E-13 * TotalBsmt*Neighborhood Blmngtn + 325E-13 * TotalBsmt*Neighborhood BrDale + 316E-13 * TotalBsmt*Neighborhood BrkSide + 316E-13 * TotalBsmt*Neighborhood ClearCr + 316E-13 * TotalBsmt*Neighborhood CollgCr + 316E-13 * TotalBsmt*Neighborhood Crawfor + 316E-13 * TotalBsmt*Neighborhood Edwards + 316E-13 * TotalBsmt*Neighborhood Gilbert + 316E-13 * TotalBsmt*Neighborhood IDOTRR + 344E-13 * TotalBsmt*Neighborhood MeadowV + 316E-13 * TotalBsmt*Neighborhood Mitchel + 316E-13 * TotalBsmt*Neighborhood NAmes + 318E-13 * TotalBsmt*Neighborhood NPkVill + 316E-13 * TotalBsmt*Neighborhood NWAmes + 316E-13 * TotalBsmt*Neighborhood NoRidge + 316E-13 * TotalBsmt*Neighborhood NridgHt + 316E-13 * TotalBsmt*Neighborhood OldTown + 315E-13 * TotalBsmt*Neighborhood SWISU + 316E-13 * TotalBsmt*Neighborhood Sawyer + 316E-13 * TotalBsmt*Neighborhood SawyerW + 316E-13 * TotalBsmt*Neighborhood Somerset + 316E-13 * TotalBsmt*Neighborhood StoneBr + 316E-13 * TotalBsmt*Neighborhood Timber + 2.43E-8 * FullBath*Neighborhood Blmngtn + 2.44E-8 * FullBath*Neighborhood BrDale + 2.43E-8 * FullBath*Neighborhood BrkSide + 2.43E-8 * FullBath*Neighborhood ClearCr + 2.43E-8 * FullBath*Neighborhood CollgCr + 2.43E-8 * FullBath*Neighborhood Crawfor + 2.43E-8 * FullBath*Neighborhood Edwards + 2.43E-8 * FullBath*Neighborhood Gilbert + 2.43E-8 * FullBath*Neighborhood IDOTRR + 2.34E-8 * FullBath*Neighborhood MeadowV + 2.43E-8 * FullBath*Neighborhood Mitchel + 2.43E-8 * FullBath*Neighborhood NAmes + 2.43E-8 * FullBath*Neighborhood NWAmes + 2.43E-8 * FullBath*Neighborhood NoRidge + 2.43E-8 * FullBath*Neighborhood NridgHt + 2.43E-8 * FullBath*Neighborhood OldTown + 2.43E-8 * FullBath*Neighborhood SWISU + 2.43E-8 * FullBath*Neighborhood Sawyer + 2.43E-8 * FullBath*Neighborhood SawyerW + 2.43E-8 * FullBath*Neighborhood Somerset + 2.43E-8 * FullBath*Neighborhood StoneBr + 2.43E-8 * FullBath*Neighborhood Timber - 5.78E-9 * Fireplace*Neighborhood BrkSide - 5.79E-9 * Fireplace*Neighborhood ClearCr - 5.79E-9 * Fireplace*Neighborhood CollgCr - 5.79E-9 * Fireplace*Neighborhood Crawfor - 5.79E-9 * Fireplace*Neighborhood Edwards - 5.79E-9 * Fireplace*Neighborhood Gilbert - 5.79E-9 * Fireplace*Neighborhood NAmes - 5.79E-9 * Fireplace*Neighborhood NWAmes - 5.79E-9 * Fireplace*Neighborhood NoRidge - 5.79E-9 * Fireplace*Neighborhood NridgHt - 5.79E-9 * Fireplace*Neighborhood OldTown - 5.79E-9 * Fireplace*Neighborhood Sawyer - 5.79E-9 * Fireplace*Neighborhood SawyerW - 5.79E-9 * Fireplace*Neighborhood Somerset - 5.8E-9 * Fireplace*Neighborhood Timber - 7.18E-8 * Neighborhood*BldgType Blmngtn 1Fa - 7.17E-8 * Neighborhood*BldgType CollgCr 1Fa - 7.17E-8 * Neighborhood*BldgType Crawfor 1Fa - 7.16E-8 * Neighborhood*BldgType Crawfor 2fm - 7.17E-8 * Neighborhood*BldgType Edwards 1Fa - 7.17E-8 * Neighborhood*BldgType Edwards 2fm - 7.17E-8 * Neighborhood*BldgType IDOTRR
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

YearBuilt*Neighborhood Blueste =	1Fam - 7.17E-8 * Neighborhood*BldgType IDOTRR 2fmc - 7.16E-8 * Neighborhood*BldgType Mitchel 1Fa - 7.16E-8 * Neighborhood*BldgType Mitchel 2fm - 7.17E-8 * Neighborhood*BldgType NAmes 1Fam - 7.17E-8 * Neighborhood*BldgType NWAmes 1Fam - 7.17E-8 * Neighborhood*BldgType NridgHt 1Fa - 7.17E-8 * Neighborhood*BldgType OldTown 1Fa - 7.17E-8 * Neighborhood*BldgType OldTown 2fm - 7.17E-8 * Neighborhood*BldgType Sawyer 1Fam - 7.17E-8 * Neighborhood*BldgType Sawyer 2fmc - 7.17E-8 * Neighborhood*BldgType SawyerW 1Fa - 7.17E-8 * Neighborhood*BldgType Somerst 1Fa - 7.17E-8 * Neighborhood*BldgType StoneBr 1Fa - 1.87E-8 * Neighborhood*HouseStyle BrkSide 1St - 1.88E-8 * Neighborhood*HouseStyle ClearCr 1St - 1.88E-8 * Neighborhood*HouseStyle CollgCr 1St - 1.87E-8 * Neighborhood*HouseStyle Crawfor 1St - 1.88E-8 * Neighborhood*HouseStyle Edwards 1St - 1.88E-8 * Neighborhood*HouseStyle Gilbert 1St - 1.87E-8 * Neighborhood*HouseStyle IDOTRR 1Sto - 1.88E-8 * Neighborhood*HouseStyle Mitchel 1St - 1.88E-8 * Neighborhood*HouseStyle NAmes 1Sto - 1.92E-8 * Neighborhood*HouseStyle NPkVill 1St - 1.88E-8 * Neighborhood*HouseStyle NWAmes 1Sto - 1.87E-8 * Neighborhood*HouseStyle NoRidge 1St - 1.87E-8 * Neighborhood*HouseStyle NridgHt 1St - 1.88E-8 * Neighborhood*HouseStyle OldTown 1St - 1.88E-8 * Neighborhood*HouseStyle Sawyer 1Sto - 1.88E-8 * Neighborhood*HouseStyle SawyerW 1St - 1.87E-8 * Neighborhood*HouseStyle Somerst 1St - 1.87E-8 * Neighborhood*HouseStyle StoneBr 1St - 1.88E-8 * Neighborhood*HouseStyle Timber 1Sto
MasVnrAre*Neighborhood Blueste =	0
MasVnrAre*Neighborhood NPkVill =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

TotalBsmt*Neighborhood Blueste =	<pre> -0.00005 * Intercept + 4.3E-7 * GrLlvArea_I - 595E-14 * Lot Area + 6.72E-8 * OverallCond + 2.37E-8 * YearBuilt - 484E-19 * LotArea*YearBuilt - 321E-12 * MasVnrArea - 181E-12 * Total BsmtSF - 1.38E-7 * FullBath - 132E-12 * GrLlvArea_I*FullBath + 3.26E-8 * Fireplaces + 826E-13 * GrLlvArea*Fireplaces - 3.51E-9 * LotConfig CulDSac + 5.43E-9 * LotConfig FR2 + 181E-14 * YearBuilt*LotConfig CulDSac - 26E-13 * YearBuilt*LotConfig FR2 + 4.11E-7 * BldgType 1Fam + 4.74E-9 * BldgType Twnhs + 4.11E-7 * HouseStyle 1.5Unf + 1.08E-7 * HouseStyle 1Story + 4.13E-7 * HouseStyle 2.5Fin + 4.11E-7 * HouseStyle 2.5Unf - 4.11E-7 * BldgType*HouseStyle 1Fam 1.5Unf - 4.12E-7 * BldgType*HouseStyle 1Fam 2.5Fin - 4.11E-7 * BldgType*HouseStyle 1Fam 2.5Unf + 4.11E-7 * BldgType*HouseStyle 2fmCon 1.5Fi + 4.11E-7 * BldgType*HouseStyle 2fmCon 1Stor + 4.11E-7 * BldgType*HouseStyle 2fmCon 2Stor - 4.99E-9 * BldgType*HouseStyle Twnhs 1Story - 5.06E-9 * BldgType*HouseStyle Twnhs 2Story + 0.00005 * Neighborhood Blmngtn - 4112.93 * Neighborhood Blueste + 0.00005 * Neighborhood BrDale + 0.00005 * Neighborhood BrkSide + 0.00005 * Neighborhood ClearCr + 0.00005 * Neighborhood CollgCr + 0.00005 * Neighborhood Crawfor + 0.00005 * Neighborhood Edwards + 0.00005 * Neighborhood Gilbert + 0.00005 * Neighborhood IDOTRR + 0.00005 * Neighborhood MeadowV + 0.00005 * Neighborhood Mitchel + 0.00005 * Neighborhood NAmes + 0.00005 * Neighborhood NPKVill + 0.00005 * Neighborhood NWAmes + 0.00005 * Neighborhood NoRidge + 0.00005 * Neighborhood NridgHt + 0.00005 * Neighborhood OldTown + 0.00005 * Neighborhood SWISU + 0.00005 * Neighborhood Sawyer + 0.00005 * Neighborhood SawyerW + 0.00005 * Neighborhood Somerst + 0.00005 * Neighborhood StoneBr + 0.00005 * Neighborhood Timber - 4.3E-7 * GrLlvArea*Neighborho Blmngtn + 657.009 * GrLlvArea*Neighborho Blueste - 4.1E-7 * GrLlvArea*Neighborho BrDale - 4.3E-7 * GrLlvArea*Neighborho BrkSide - 4.3E-7 * GrLlvArea*Neighborho ClearCr - 4.3E-7 * GrLlvArea*Neighborho CollgCr - 4.3E-7 * GrLlvArea*Neighborho Crawfor - 4.3E-7 * GrLlvArea*Neighborho Edwards - 4.3E-7 * GrLlvArea*Neighborho Gilbert - 4.3E-7 * GrLlvArea*Neighborho IDOTRR - 4.37E-7 * GrLlvArea*Neighborho MeadowV - 4.3E-7 * GrLlvArea*Neighborho Mitchel - 4.3E-7 * GrLlvArea*Neighborho NAmes - 4.34E-7 * GrLlvArea*Neighborho NPKVill - 4.3E-7 * GrLlvArea*Neighborho NWAmes - 4.3E-7 * GrLlvArea*Neighborho NoRidge - 4.3E-7 * GrLlvArea*Neighborho NridgHt - 4.3E-7 * GrLlvArea*Neighborho OldTown - 4.3E-7 * GrLlvArea*Neighborho SWISU - 4.3E-7 * GrLlvArea*Neighborho Sawyer - 4.3E-7 * GrLlvArea*Neighborho SawyerW - 4.3E-7 * GrLlvArea*Neighborho Somerst - 4.3E-7 * GrLlvArea*Neighborho StoneBr - 4.31E-7 * GrLlvArea*Neighborho Timber + 581E-14 * LotArea*Neighborhood Blmngtn + 645E-14 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

TotalBsmt*Neighborhood Blueste =	BrDale + 604E-14 * LotArea*Neighborhood BrkSide + 604E-14 * LotArea*Neighborhood ClearCr + 604E-14 * LotArea*Neighborhood CollgCr + 604E-14 * LotArea*Neighborhood Crawfor + 604E-14 * LotArea*Neighborhood Edwards + 604E-14 * LotArea*Neighborhood Gilbert + 604E-14 * LotArea*Neighborhood IDOTRR + 747E-14 * LotArea*Neighborhood MeadowV + 604E-14 * LotArea*Neighborhood Mitchel + 604E-14 * LotArea*Neighborhood NAmes + 587E-14 * LotArea*Neighborhood NPKVill + 603E-14 * LotArea*Neighborhood NWAmes + 604E-14 * LotArea*Neighborhood NoRidge + 604E-14 * LotArea*Neighborhood NridgHt + 604E-14 * LotArea*Neighborhood OldTown + 604E-14 * LotArea*Neighborhood SWISU + 604E-14 * LotArea*Neighborhood Sawyer + 604E-14 * LotArea*Neighborhood SawyerW + 603E-14 * LotArea*Neighborhood Somerst + 604E-14 * LotArea*Neighborhood StoneBr + 604E-14 * LotArea*Neighborhood Timber - 6.69E-8 * OverallCo*Neighborho BrDale - 6.71E-8 * OverallCo*Neighborho BrkSide - 6.71E-8 * OverallCo*Neighborho ClearCr - 6.71E-8 * OverallCo*Neighborho CollgCr - 6.71E-8 * OverallCo*Neighborho Crawfor - 6.71E-8 * OverallCo*Neighborho Edwards - 6.71E-8 * OverallCo*Neighborho Gilbert - 6.71E-8 * OverallCo*Neighborho IDOTRR - 6.7E-8 * OverallCo*Neighborho MeadowV - 6.71E-8 * OverallCo*Neighborho Mitchel - 6.71E-8 * OverallCo*Neighborho NAmes - 6.7E-8 * OverallCo*Neighborho NPKVill - 6.71E-8 * OverallCo*Neighborho NWAmes - 6.71E-8 * OverallCo*Neighborho NoRidge - 6.71E-8 * OverallCo*Neighborho OldTown - 6.71E-8 * OverallCo*Neighborho SWISU - 6.71E-8 * OverallCo*Neighborho Sawyer - 6.71E-8 * OverallCo*Neighborho SawyerW - 6.71E-8 * OverallCo*Neighborho Somerst - 6.71E-8 * OverallCo*Neighborho StoneBr - 6.7E-8 * OverallCo*Neighborho Timber - 2.38E-8 * YearBuilt*Neighborho Blmngtn - 2.32E-8 * YearBuilt*Neighborho BrDale - 2.37E-8 * YearBuilt*Neighborho BrkSide - 2.37E-8 * YearBuilt*Neighborho ClearCr - 2.37E-8 * YearBuilt*Neighborho CollgCr - 2.37E-8 * YearBuilt*Neighborho Crawfor - 2.37E-8 * YearBuilt*Neighborho Edwards - 2.37E-8 * YearBuilt*Neighborho Gilbert - 2.37E-8 * YearBuilt*Neighborho IDOTRR - 2.39E-8 * YearBuilt*Neighborho MeadowV - 2.37E-8 * YearBuilt*Neighborho Mitchel - 2.37E-8 * YearBuilt*Neighborho NAmes - 2.35E-8 * YearBuilt*Neighborho NPKVill - 2.37E-8 * YearBuilt*Neighborho NWAmes - 2.38E-8 * YearBuilt*Neighborho NoRidge - 2.37E-8 * YearBuilt*Neighborho NridgHt - 2.37E-8 * YearBuilt*Neighborho OldTown - 2.37E-8 * YearBuilt*Neighborho SWISU - 2.37E-8 * YearBuilt*Neighborho Sawyer - 2.37E-8 * YearBuilt*Neighborho SawyerW - 2.37E-8 * YearBuilt*Neighborho Somerst - 2.37E-8 * YearBuilt*Neighborho StoneBr - 2.38E-8 * YearBuilt*Neighborho Timber + 32E-11 * MasVnrAre*Neighborho Blmngtn + 317E-12 * MasVnrAre*Neighborho BrDale + 321E-12 * MasVnrAre*Neighborho BrkSide + 32E-11 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

TotalBsmt*Neighborhood Blueste =	ClearCr + 32E-11 * MasVnrAre*Neighborhood CollgCr + 321E-12 * MasVnrAre*Neighborhood Crawfor + 321E-12 * MasVnrAre*Neighborhood Edwards + 32E-11 * MasVnrAre*Neighborhood Gilbert + 321E-12 * MasVnrAre*Neighborhood IDOTRR + 327E-12 * MasVnrAre*Neighborhood MeadowV + 321E-12 * MasVnrAre*Neighborhood Mitchel + 321E-12 * MasVnrAre*Neighborhood NAmes + 321E-12 * MasVnrAre*Neighborhood NWAmes + 321E-12 * MasVnrAre*Neighborhood NoRidge + 321E-12 * MasVnrAre*Neighborhood NridgHt + 321E-12 * MasVnrAre*Neighborhood OldTown + 321E-12 * MasVnrAre*Neighborhood SWISU + 321E-12 * MasVnrAre*Neighborhood Sawyer + 321E-12 * MasVnrAre*Neighborhood SawyerW + 321E-12 * MasVnrAre*Neighborhood Somerst + 32E-11 * MasVnrAre*Neighborhood StoneBr + 32E-11 * MasVnrAre*Neighborhood Timber + 181E-12 * TotalBsmt*Neighborhood Blmngtn - 157E-12 * TotalBsmt*Neighborhood BrDale - 181E-12 * TotalBsmt*Neighborhood BrkSide - 181E-12 * TotalBsmt*Neighborhood ClearCr - 181E-12 * TotalBsmt*Neighborhood CollgCr - 181E-12 * TotalBsmt*Neighborhood Crawfor - 181E-12 * TotalBsmt*Neighborhood Edwards - 181E-12 * TotalBsmt*Neighborhood Gilbert - 181E-12 * TotalBsmt*Neighborhood IDOTRR - 187E-12 * TotalBsmt*Neighborhood MeadowV - 181E-12 * TotalBsmt*Neighborhood Mitchel - 181E-12 * TotalBsmt*Neighborhood NAmes - 181E-12 * TotalBsmt*Neighborhood NPkVill - 181E-12 * TotalBsmt*Neighborhood NWAmes - 181E-12 * TotalBsmt*Neighborhood NoRidge - 181E-12 * TotalBsmt*Neighborhood NridgHt - 181E-12 * TotalBsmt*Neighborhood OldTown - 181E-12 * TotalBsmt*Neighborhood SWISU - 181E-12 * TotalBsmt*Neighborhood Sawyer - 181E-12 * TotalBsmt*Neighborhood SawyerW - 181E-12 * TotalBsmt*Neighborhood Somerst - 181E-12 * TotalBsmt*Neighborhood StoneBr - 181E-12 * TotalBsmt*Neighborhood Timber - 1.39E-7 * FullBath*Neighborhood Blmngtn - 1.37E-7 * FullBath*Neighborhood BrDale - 1.39E-7 * FullBath*Neighborhood BrkSide - 1.39E-7 * FullBath*Neighborhood ClearCr - 1.39E-7 * FullBath*Neighborhood CollgCr - 1.39E-7 * FullBath*Neighborhood Crawfor - 1.39E-7 * FullBath*Neighborhood Edwards - 1.39E-7 * FullBath*Neighborhood Gilbert - 1.39E-7 * FullBath*Neighborhood IDOTRR - 1.37E-7 * FullBath*Neighborhood MeadowV - 1.39E-7 * FullBath*Neighborhood Mitchel - 1.39E-7 * FullBath*Neighborhood NAmes - 1.39E-7 * FullBath*Neighborhood NWAmes - 1.39E-7 * FullBath*Neighborhood NoRidge - 1.39E-7 * FullBath*Neighborhood NridgHt - 1.39E-7 * FullBath*Neighborhood OldTown - 1.39E-7 * FullBath*Neighborhood SWISU - 1.39E-7 * FullBath*Neighborhood Sawyer - 1.39E-7 * FullBath*Neighborhood SawyerW - 1.39E-7 * FullBath*Neighborhood Somerst - 1.39E-7 * FullBath*Neighborhood StoneBr - 1.4E-7 * FullBath*Neighborhood Timber + 3.32E-8 * Fireplace*Neighborhood Blmngtn + 3.3E-8 * Fireplace*Neighborhood BrDale + 3.31E-8 * Fireplace*Neighborhood BrkSide + 3.32E-8 * Fireplace*Neighborhood ClearCr + 3.32E-8 * Fireplace*Neighborhood CollgCr + 3.32E-8 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

TotalBsmt*Neighborhood Blueste =	Crawfor + 3.32E-8 * Fireplace*Neighborhood Edwards + 3.32E-8 * Fireplace*Neighborhood Gilbert + 3.32E-8 * Fireplace*Neighborhood IDOTRR + 3.08E-8 * Fireplace*Neighborhood MeadowV + 3.32E-8 * Fireplace*Neighborhood Mitchel + 3.32E-8 * Fireplace*Neighborhood NAmes + 3.31E-8 * Fireplace*Neighborhood NPKVill + 3.32E-8 * Fireplace*Neighborhood NWAmes + 3.32E-8 * Fireplace*Neighborhood NoRidge + 3.32E-8 * Fireplace*Neighborhood NridgHt + 3.32E-8 * Fireplace*Neighborhood OldTown + 3.32E-8 * Fireplace*Neighborhood SWISU + 3.32E-8 * Fireplace*Neighborhood Sawyer + 3.32E-8 * Fireplace*Neighborhood SawyerW + 3.32E-8 * Fireplace*Neighborhood Somerst + 3.32E-8 * Fireplace*Neighborhood StoneBr + 3.33E-8 * Fireplace*Neighborhood Timber + 4.11E-7 * Neighborhood*BldgType Blmgtn 1Fa + 4.11E-7 * Neighborhood*BldgType CollgCr 1Fa + 4.11E-7 * Neighborhood*BldgType Crawfor 1Fa + 4.11E-7 * Neighborhood*BldgType Crawford 2fm + 4.11E-7 * Neighborhood*BldgType Edwards 1Fa + 4.11E-7 * Neighborhood*BldgType Edwards 2fm + 4.11E-7 * Neighborhood*BldgType IDOTRR 1Fam + 4.11E-7 * Neighborhood*BldgType IDOTRR 2fmc + 4.11E-7 * Neighborhood*BldgType Mitchel 1Fa + 4.11E-7 * Neighborhood*BldgType Mitchel 2fm + 4.11E-7 * Neighborhood*BldgType NAmes 1Fam + 4.11E-7 * Neighborhood*BldgType NWAmes 1Fam + 4.11E-7 * Neighborhood*BldgType NridgHt 1Fa + 4.11E-7 * Neighborhood*BldgType OldTown 1Fa + 4.11E-7 * Neighborhood*BldgType OldTown 2fm + 4.11E-7 * Neighborhood*BldgType Sawyer 1Fam + 4.11E-7 * Neighborhood*BldgType Sawyer 2fmc + 4.11E-7 * Neighborhood*BldgType SawyerW 1Fa + 4.11E-7 * Neighborhood*BldgType Somerst 1Fa + 4.11E-7 * Neighborhood*BldgType StoneBr 1Fa + 1.08E-7 * Neighborhood*HouseStyle BrkSide 1St + 1.08E-7 * Neighborhood*HouseStyle ClearCr 1St + 1.08E-7 * Neighborhood*HouseStyle CollgCr 1St + 1.08E-7 * Neighborhood*HouseStyle Crawfor 1St + 1.08E-7 * Neighborhood*HouseStyle Edwards 1St + 1.08E-7 * Neighborhood*HouseStyle Gilbert 1St + 1.08E-7 * Neighborhood*HouseStyle IDOTRR 1Sto + 1.13E-7 * Neighborhood*HouseStyle MeadowV 1St + 1.08E-7 * Neighborhood*HouseStyle Mitchel 1St + 1.08E-7 * Neighborhood*HouseStyle NAmes 1Stor + 1.09E-7 * Neighborhood*HouseStyle NPKVill 1St + 1.08E-7 * Neighborhood*HouseStyle NWAmes 1Sto + 1.07E-7 * Neighborhood*HouseStyle NoRidge 1St + 1.08E-7 * Neighborhood*HouseStyle NridgHt 1St + 1.08E-7 * Neighborhood*HouseStyle OldTown 1St + 1.07E-7 * Neighborhood*HouseStyle SWISU 1Stor + 1.08E-7 * Neighborhood*HouseStyle Sawyer 1Sto + 1.08E-7 * Neighborhood*HouseStyle SawyerW 1St + 1.08E-7 * Neighborhood*HouseStyle Somerst 1St + 1.08E-7 * Neighborhood*HouseStyle StoneBr 1St + 1.08E-7 * Neighborhood*HouseStyle Timber 1Sto - 552E-12 * GarageCars
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

FullBath*Neighborhood Blueste =	<pre> -2.92E-7 * Intercept + 2.49E-9 * GrLlvArea_I - 344E-16 * Lot Area + 388E-12 * OverallCond + 137E-12 * YearBuilt - 289E-21 * LotArea*YearBuilt - 186E-14 * MasVnrArea - 105E-14 * Total BsmtSF - 318E-18 * OverallCo*TotalBsmtS - 8E-10 * FullBath - 763E-15 * GrLlvArea_I*FullBath + 189E-12 * Fireplaces + 48E-14 * GrLlvArea*Fireplaces + 277E-14 * LotConfig Corner - 203E-13 * LotConfig CulDSac + 315E-13 * LotConfig FR2 - 151E-17 * YearBuilt*LotConfig Corner + 104E-16 * YearBuilt*LotConfig CulDSac - 151E-16 * YearBuilt*LotConfig FR2 + 2.38E-9 * BldgType 1Fam + 329E-13 * BldgType Twnhs + 2.38E-9 * HouseStyle 1.5Unf + 624E-12 * HouseStyle 1Story + 2.39E-9 * HouseStyle 2.5Fin + 2.38E-9 * HouseStyle 2.5Unf + 196E-14 * HouseStyle 2Story - 2.38E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 2.38E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 2.38E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 2.38E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 2.38E-9 * BldgType*HouseStyle 2fmCon 1Stor + 2.38E-9 * BldgType*HouseStyle 2fmCon 2Stor - 347E-13 * BldgType*HouseStyle Twnhs 1Story - 351E-13 * BldgType*HouseStyle Twnhs 2Story - 332E-13 * BldgType*HouseStyle Twnhs SFoyer + 2.91E-7 * Neighborhood Blmngtn - 29.1544 * Neighborhood Blueste + 2.83E-7 * Neighborhood BrDale + 2.9E-7 * Neighborhood BrkSide + 2.9E-7 * Neighborhood ClearCr + 2.92E-7 * Neighborhood CollgCr + 2.92E-7 * Neighborhood Crawfor + 2.92E-7 * Neighborhood Edwards + 2.9E-7 * Neighborhood Gilbert + 2.92E-7 * Neighborhood IDOTRR + 2.95E-7 * Neighborhood MeadowV + 2.92E-7 * Neighborhood Mitchel + 2.92E-7 * Neighborhood NAmes + 2.91E-7 * Neighborhood NPkVill + 2.92E-7 * Neighborhood NWAmes + 2.9E-7 * Neighborhood NoRidge + 2.9E-7 * Neighborhood NridgHt + 2.92E-7 * Neighborhood OldTown + 2.9E-7 * Neighborhood SWISU + 2.92E-7 * Neighborhood Sawyer + 2.92E-7 * Neighborhood SawyerW + 2.92E-7 * Neighborhood Somerst + 2.92E-7 * Neighborhood StoneBr + 2.9E-7 * Neighborhood Timber - 2.49E-9 * GrLlvArea*Neighborho Blmngtn + 4.23877 * GrLlvArea*Neighborho Blueste - 2.35E-9 * GrLlvArea*Neighborho BrDale - 2.49E-9 * GrLlvArea*Neighborho BrkSide - 2.49E-9 * GrLlvArea*Neighborho ClearCr - 2.49E-9 * GrLlvArea*Neighborho CollgCr - 2.49E-9 * GrLlvArea*Neighborho Crawfor - 2.49E-9 * GrLlvArea*Neighborho Edwards - 2.49E-9 * GrLlvArea*Neighborho Gilbert - 2.49E-9 * GrLlvArea*Neighborho IDOTRR - 2.53E-9 * GrLlvArea*Neighborho MeadowV - 2.49E-9 * GrLlvArea*Neighborho Mitchel - 2.49E-9 * GrLlvArea*Neighborho NAmes - 2.51E-9 * GrLlvArea*Neighborho NPkVill - 2.49E-9 * GrLlvArea*Neighborho NWAmes - 2.49E-9 * GrLlvArea*Neighborho NoRidge - 2.49E-9 * GrLlvArea*Neighborho NridgHt - 2.49E-9 * GrLlvArea*Neighborho OldTown - 2.49E-9 * GrLlvArea*Neighborho SWISU - 2.49E-9 * GrLlvArea*Neighborho Sawyer - 2.49E-9 * GrLlvArea*Neighborho SawyerW - 2.49E-9 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

FullBath*Neighborhood Blueste =	Somerset - 2.49E-9 * GrLivArea*Neighborhood StoneBr - 2.49E-9 * GrLivArea*Neighborhood Timber + 332E-16 * LotArea*Neighborhood Blmngtn + 379E-16 * LotArea*Neighborhood BrDale + 349E-16 * LotArea*Neighborhood BrkSide + 349E-16 * LotArea*Neighborhood ClearCr + 349E-16 * LotArea*Neighborhood CollgCr + 349E-16 * LotArea*Neighborhood Crawfor + 349E-16 * LotArea*Neighborhood Edwards + 349E-16 * LotArea*Neighborhood Gilbert + 349E-16 * LotArea*Neighborhood IDOTRR + 448E-16 * LotArea*Neighborhood MeadowV + 349E-16 * LotArea*Neighborhood Mitchel + 349E-16 * LotArea*Neighborhood NAmes + 337E-16 * LotArea*Neighborhood NPkVill + 349E-16 * LotArea*Neighborhood NWAmes + 349E-16 * LotArea*Neighborhood NoRidge + 349E-16 * LotArea*Neighborhood NridgHt + 349E-16 * LotArea*Neighborhood OldTown + 349E-16 * LotArea*Neighborhood SWISU + 349E-16 * LotArea*Neighborhood Sawyer + 35E-15 * LotArea*Neighborhood SawyerW + 348E-16 * LotArea*Neighborhood Somerset + 349E-16 * LotArea*Neighborhood StoneBr + 349E-16 * LotArea*Neighborhood Timber - 386E-12 * OverallCo*Neighborhood BrDale - 388E-12 * OverallCo*Neighborhood BrkSide - 388E-12 * OverallCo*Neighborhood ClearCr - 388E-12 * OverallCo*Neighborhood CollgCr - 388E-12 * OverallCo*Neighborhood Crawfor - 388E-12 * OverallCo*Neighborhood Edwards - 388E-12 * OverallCo*Neighborhood Gilbert - 388E-12 * OverallCo*Neighborhood IDOTRR - 387E-12 * OverallCo*Neighborhood MeadowV - 388E-12 * OverallCo*Neighborhood Mitchel - 388E-12 * OverallCo*Neighborhood NAmes - 387E-12 * OverallCo*Neighborhood NPkVill - 388E-12 * OverallCo*Neighborhood NWAmes - 388E-12 * OverallCo*Neighborhood NoRidge - 388E-12 * OverallCo*Neighborhood OldTown - 388E-12 * OverallCo*Neighborhood SWISU - 388E-12 * OverallCo*Neighborhood Sawyer - 388E-12 * OverallCo*Neighborhood SawyerW - 388E-12 * OverallCo*Neighborhood Somerset - 388E-12 * OverallCo*Neighborhood StoneBr - 387E-12 * OverallCo*Neighborhood Timber - 138E-12 * YearBuilt*Neighborhood Blmngtn - 133E-12 * YearBuilt*Neighborhood BrDale - 137E-12 * YearBuilt*Neighborhood BrkSide - 137E-12 * YearBuilt*Neighborhood ClearCr - 137E-12 * YearBuilt*Neighborhood CollgCr - 137E-12 * YearBuilt*Neighborhood Crawfor - 137E-12 * YearBuilt*Neighborhood Edwards - 137E-12 * YearBuilt*Neighborhood Gilbert - 137E-12 * YearBuilt*Neighborhood IDOTRR - 139E-12 * YearBuilt*Neighborhood MeadowV - 137E-12 * YearBuilt*Neighborhood Mitchel - 137E-12 * YearBuilt*Neighborhood NAmes - 136E-12 * YearBuilt*Neighborhood NPkVill - 137E-12 * YearBuilt*Neighborhood NWAmes - 137E-12 * YearBuilt*Neighborhood NoRidge - 137E-12 * YearBuilt*Neighborhood NridgHt - 137E-12 * YearBuilt*Neighborhood OldTown - 137E-12 * YearBuilt*Neighborhood SWISU - 137E-12 * YearBuilt*Neighborhood Sawyer - 137E-12 * YearBuilt*Neighborhood SawyerW - 137E-12 * YearBuilt*Neighborhood Somerset - 137E-12 * YearBuilt*Neighborhood StoneBr - 137E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

FullBath*Neighborhood Blueste =	Timber + 185E-14 * MasVnrAre*Neighborhood Blmgtn + 183E-14 * MasVnrAre*Neighborhood BrDale + 186E-14 * MasVnrAre*Neighborhood BrkSide + 185E-14 * MasVnrAre*Neighborhood ClearCr + 185E-14 * MasVnrAre*Neighborhood CollgCr + 186E-14 * MasVnrAre*Neighborhood Crawfor + 186E-14 * MasVnrAre*Neighborhood Edwards + 185E-14 * MasVnrAre*Neighborhood Gilbert + 185E-14 * MasVnrAre*Neighborhood IDOTRR + 19E-13 * MasVnrAre*Neighborhood MeadowV + 186E-14 * MasVnrAre*Neighborhood Mitchel + 186E-14 * MasVnrAre*Neighborhood NAmes + 185E-14 * MasVnrAre*Neighborhood NWAmes + 186E-14 * MasVnrAre*Neighborhood NoRidge + 185E-14 * MasVnrAre*Neighborhood NridgHt + 186E-14 * MasVnrAre*Neighborhood OldTown + 186E-14 * MasVnrAre*Neighborhood SWISU + 185E-14 * MasVnrAre*Neighborhood Sawyer + 185E-14 * MasVnrAre*Neighborhood SawyerW + 185E-14 * MasVnrAre*Neighborhood Somerst + 185E-14 * MasVnrAre*Neighborhood StoneBr + 185E-14 * MasVnrAre*Neighborhood Timber + 105E-14 * TotalBsmt*Neighborhood Blmgtn + 872E-15 * TotalBsmt*Neighborhood BrDale + 105E-14 * TotalBsmt*Neighborhood BrkSide + 105E-14 * TotalBsmt*Neighborhood ClearCr + 105E-14 * TotalBsmt*Neighborhood CollgCr + 105E-14 * TotalBsmt*Neighborhood Crawfor + 105E-14 * TotalBsmt*Neighborhood Edwards + 105E-14 * TotalBsmt*Neighborhood Gilbert + 105E-14 * TotalBsmt*Neighborhood IDOTRR + 109E-14 * TotalBsmt*Neighborhood MeadowV + 105E-14 * TotalBsmt*Neighborhood Mitchel + 105E-14 * TotalBsmt*Neighborhood NAmes + 105E-14 * TotalBsmt*Neighborhood NPkVill + 105E-14 * TotalBsmt*Neighborhood NWAmes + 105E-14 * TotalBsmt*Neighborhood NoRidge + 105E-14 * TotalBsmt*Neighborhood NridgHt + 105E-14 * TotalBsmt*Neighborhood OldTown + 105E-14 * TotalBsmt*Neighborhood SWISU + 105E-14 * TotalBsmt*Neighborhood Sawyer + 105E-14 * TotalBsmt*Neighborhood SawyerW + 105E-14 * TotalBsmt*Neighborhood Somerst + 105E-14 * TotalBsmt*Neighborhood StoneBr + 105E-14 * TotalBsmt*Neighborhood Timber + 806E-12 * FullBath*Neighborhood Blmgtn - 791E-12 * FullBath*Neighborhood BrDale - 806E-12 * FullBath*Neighborhood BrkSide - 806E-12 * FullBath*Neighborhood ClearCr - 806E-12 * FullBath*Neighborhood CollgCr - 806E-12 * FullBath*Neighborhood Crawfor - 806E-12 * FullBath*Neighborhood Edwards - 805E-12 * FullBath*Neighborhood Gilbert - 806E-12 * FullBath*Neighborhood IDOTRR - 792E-12 * FullBath*Neighborhood MeadowV - 806E-12 * FullBath*Neighborhood Mitchel - 806E-12 * FullBath*Neighborhood NAmes - 806E-12 * FullBath*Neighborhood NWAmes - 806E-12 * FullBath*Neighborhood NoRidge - 806E-12 * FullBath*Neighborhood NridgHt - 806E-12 * FullBath*Neighborhood OldTown - 806E-12 * FullBath*Neighborhood SWISU - 806E-12 * FullBath*Neighborhood Sawyer - 806E-12 * FullBath*Neighborhood SawyerW - 806E-12 * FullBath*Neighborhood Somerst - 806E-12 * FullBath*Neighborhood StoneBr - 807E-12 * FullBath*Neighborhood Timber + 192E-12 * Fireplace*Neighborhood Blmgtn + 19E-11 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

FullBath*Neighborhood Blueste =	BrDale + 192E-12 * Fireplace*Neighborhood BrkSide + 192E-12 * Fireplace*Neighborhood ClearCr + 192E-12 * Fireplace*Neighborhood CollgCr + 192E-12 * Fireplace*Neighborhood Crawfor + 192E-12 * Fireplace*Neighborhood Edwards + 192E-12 * Fireplace*Neighborhood Gilbert + 192E-12 * Fireplace*Neighborhood IDOTRR + 175E-12 * Fireplace*Neighborhood MeadowV + 192E-12 * Fireplace*Neighborhood Mitchel + 192E-12 * Fireplace*Neighborhood NAmes + 191E-12 * Fireplace*Neighborhood NPKVill + 192E-12 * Fireplace*Neighborhood NWAmes + 192E-12 * Fireplace*Neighborhood NoRidge + 192E-12 * Fireplace*Neighborhood NridgHt + 192E-12 * Fireplace*Neighborhood OldTown + 192E-12 * Fireplace*Neighborhood SWISU + 192E-12 * Fireplace*Neighborhood Sawyer + 192E-12 * Fireplace*Neighborhood SawyerW + 192E-12 * Fireplace*Neighborhood Somerst + 192E-12 * Fireplace*Neighborhood StoneBr + 192E-12 * Fireplace*Neighborhood Timber + 2.38E-9 * Neighborhood*BldgType Blmgtn 1Fa + 154E-13 * Neighborhood*BldgType BrDale Twnh + 2.38E-9 * Neighborhood*BldgType CollgCr 1Fa + 2.38E-9 * Neighborhood*BldgType Crawfor 1Fa + 2.38E-9 * Neighborhood*BldgType Edwards 2fm + 2.38E-9 * Neighborhood*BldgType Edwards 1Fa + 2.38E-9 * Neighborhood*BldgType Edwards 2fm + 2.38E-9 * Neighborhood*BldgType IDOTRR 1Fam + 2.38E-9 * Neighborhood*BldgType IDOTRR 2fmc + 2.38E-9 * Neighborhood*BldgType Mitchel 1Fa + 2.38E-9 * Neighborhood*BldgType Mitchel 2fm + 2.38E-9 * Neighborhood*BldgType NAmes 1Fam + 2.38E-9 * Neighborhood*BldgType NWAmes 1Fam + 2.38E-9 * Neighborhood*BldgType NridgHt 1Fa + 2.38E-9 * Neighborhood*BldgType OldTown 1Fa + 2.38E-9 * Neighborhood*BldgType OldTown 2fm + 2.38E-9 * Neighborhood*BldgType Sawyer 1Fam + 2.38E-9 * Neighborhood*BldgType Sawyer 2fmc + 2.38E-9 * Neighborhood*BldgType SawyerW 1Fa + 2.38E-9 * Neighborhood*BldgType Somerst 1Fa + 2.38E-9 * Neighborhood*BldgType StoneBr 1Fa + 622E-12 * Neighborhood*HouseStyle BrkSide 1St + 624E-12 * Neighborhood*HouseStyle ClearCr 1St + 624E-12 * Neighborhood*HouseStyle CollgCr 1St + 622E-12 * Neighborhood*HouseStyle Crawfor 1St + 624E-12 * Neighborhood*HouseStyle Edwards 1St + 624E-12 * Neighborhood*HouseStyle Gilbert 1St + 622E-12 * Neighborhood*HouseStyle IDOTRR 1Sto + 656E-12 * Neighborhood*HouseStyle MeadowV 1St - 225E-13 * Neighborhood*HouseStyle MeadowV 2St + 624E-12 * Neighborhood*HouseStyle Mitchel 1St + 624E-12 * Neighborhood*HouseStyle NAmes 1Stor + 63E-11 * Neighborhood*HouseStyle NPKVill 1St + 623E-12 * Neighborhood*HouseStyle NWAmes 1Sto + 622E-12 * Neighborhood*HouseStyle NoRidge 1St + 622E-12 * Neighborhood*HouseStyle NridgHt 1St + 623E-12 * Neighborhood*HouseStyle OldTown 1St + 622E-12 * Neighborhood*HouseStyle SWISU 1Stor + 624E-12 * Neighborhood*HouseStyle Sawyer 1Sto + 624E-12 * Neighborhood*HouseStyle SawyerW 1St + 622E-12 * Neighborhood*HouseStyle Somerst 1St + 622E-12 * Neighborhood*HouseStyle StoneBr 1St + 623E-12 * Neighborhood*HouseStyle Timber 1Sto - 33E-13 * GarageCars + 833E-18 * YearBuilt*Garage Cars + 904E-14 * GarageCar*Neighborhood BrDale + 114E-14 * GarageCar*Neighborhood CollgCr + 151E-14 * GarageCar*Neighborhood Gilbert + 13E-13 * GarageCar*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

FullBath*Neighborhood
Blueste =

NAmes + 133E-14 * GarageCar*Neighborhood
NridgHt + 123E-14 * GarageCar*Neighborhood Somerst

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

FullBath*Neighborhood NPKVill =	<pre> 4.17E-9 * Intercept - 353E-13 * GrLlvArea_I + 499E-18 * Lot Area - 552E-14 * OverallCond - 196E-14 * YearBuilt + 261E-16 * MasVnrArea + 148E-14 * TotalBsmtSF + 113E-13 * FullBath - 274E-14 * Fireplaces - 34E-12 * BldgType 1Fam - 34E-12 * HouseStyle 1.5Unf - 885E-14 * HouseStyle 1Story - 341E-13 * HouseStyle 2.5Fin - 34E-12 * HouseStyle 2.5Unf + 34E-12 * BldgType*HouseStyle 1Fam 1.5Unf + 341E-13 * BldgType*HouseStyle 1Fam 2.5Fin + 34E-12 * BldgType*HouseStyle 1Fam 2.5Unf - 34E-12 * BldgType*HouseStyle 2fmCon 1.5Fi - 34E-12 * BldgType*HouseStyle 2fmCon 1Stor - 34E-12 * BldgType*HouseStyle 2fmCon 2Stor - 4.13E-9 * Neighborhood Blmgtn + 15E-11 * Neighborhood Blueste - 4.4E-9 * Neighborhood BrDale - 4.14E-9 * Neighborhood BrkSide - 4.14E-9 * Neighborhood ClearCr - 4.17E-9 * Neighborhood CollgCr - 4.17E-9 * Neighborhood Crawfor - 4.17E-9 * Neighborhood Edwards - 4.14E-9 * Neighborhood Gilbert - 4.17E-9 * Neighborhood IDOTRR - 4.15E-9 * Neighborhood MeadowV - 4.17E-9 * Neighborhood Mitchel - 4.17E-9 * Neighborhood NAmes + 2 * Neighborhood NPKVill - 4.17E-9 * Neighborhood NWAmes - 4.15E-9 * Neighborhood NoRidge - 4.14E-9 * Neighborhood NridgHt - 4.17E-9 * Neighborhood OldTown - 4.14E-9 * Neighborhood SWISU - 4.17E-9 * Neighborhood Sawyer - 4.17E-9 * Neighborhood SawyerW - 4.16E-9 * Neighborhood Somerst - 4.17E-9 * Neighborhood StoneBr - 4.14E-9 * Neighborhood Timber + 353E-13 * GrLlvArea*Neighborhood Blmgtn - 241E-13 * GrLlvArea*Neighborhood Blueste + 391E-13 * GrLlvArea*Neighborhood BrDale + 353E-13 * GrLlvArea*Neighborhood BrkSide + 353E-13 * GrLlvArea*Neighborhood ClearCr + 353E-13 * GrLlvArea*Neighborhood CollgCr + 353E-13 * GrLlvArea*Neighborhood Crawfor + 353E-13 * GrLlvArea*Neighborhood Edwards + 353E-13 * GrLlvArea*Neighborhood Gilbert + 353E-13 * GrLlvArea*Neighborhood IDOTRR + 338E-13 * GrLlvArea*Neighborhood MeadowV + 353E-13 * GrLlvArea*Neighborhood Mitchel + 353E-13 * GrLlvArea*Neighborhood NAmes + 356E-13 * GrLlvArea*Neighborhood NPKVill + 353E-13 * GrLlvArea*Neighborhood NWAmes + 354E-13 * GrLlvArea*Neighborhood NoRidge + 353E-13 * GrLlvArea*Neighborhood NridgHt + 353E-13 * GrLlvArea*Neighborhood OldTown + 353E-13 * GrLlvArea*Neighborhood SWISU + 353E-13 * GrLlvArea*Neighborhood Sawyer + 353E-13 * GrLlvArea*Neighborhood SawyerW + 353E-13 * GrLlvArea*Neighborhood Somerst + 353E-13 * GrLlvArea*Neighborhood StoneBr + 353E-13 * GrLlvArea*Neighborhood Timber - 497E-18 * LotArea*Neighborhood ClearCr - 497E-18 * LotArea*Neighborhood NAmes - 498E-18 * LotArea*Neighborhood Timber + 556E-14 * OverallCo*Neighborhood BrDale + 551E-14 * OverallCo*Neighborhood BrkSide + 551E-14 * OverallCo*Neighborhood ClearCr + 551E-14 * OverallCo*Neighborhood CollgCr + 551E-14 * OverallCo*Neighborhood Crawfor + 551E-14 * OverallCo*Neighborhood Edwards + 551E-14 * OverallCo*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

FullBath*Neighborhood NPkVill =	Gilbert + 551E-14 * OverallCo*Neighborhood IDOTRR + 556E-14 * OverallCo*Neighborhood MeadowV + 551E-14 * OverallCo*Neighborhood Mitchel + 551E-14 * OverallCo*Neighborhood NAmes + 551E-14 * OverallCo*Neighborhood NPkVill + 551E-14 * OverallCo*Neighborhood NWAmes + 551E-14 * OverallCo*Neighborhood NoRidge + 551E-14 * OverallCo*Neighborhood OldTown + 551E-14 * OverallCo*Neighborhood SWISU + 551E-14 * OverallCo*Neighborhood Sawyer + 551E-14 * OverallCo*Neighborhood SawyerW + 551E-14 * OverallCo*Neighborhood Somerst + 551E-14 * OverallCo*Neighborhood StoneBr + 55E-13 * OverallCo*Neighborhood Timber + 196E-14 * YearBuilt*Neighborhood Blmngtn + 206E-14 * YearBuilt*Neighborhood BrkSide + 196E-14 * YearBuilt*Neighborhood ClearCr + 196E-14 * YearBuilt*Neighborhood CollgCr + 196E-14 * YearBuilt*Neighborhood Crawfor + 196E-14 * YearBuilt*Neighborhood Edwards + 196E-14 * YearBuilt*Neighborhood Gilbert + 196E-14 * YearBuilt*Neighborhood IDOTRR + 196E-14 * YearBuilt*Neighborhood MeadowV + 196E-14 * YearBuilt*Neighborhood Mitchel + 196E-14 * YearBuilt*Neighborhood NAmes + 195E-14 * YearBuilt*Neighborhood NPkVill + 196E-14 * YearBuilt*Neighborhood NWAmes + 197E-14 * YearBuilt*Neighborhood NoRidge + 196E-14 * YearBuilt*Neighborhood NridgHt + 196E-14 * YearBuilt*Neighborhood OldTown + 196E-14 * YearBuilt*Neighborhood SWISU + 196E-14 * YearBuilt*Neighborhood Sawyer + 196E-14 * YearBuilt*Neighborhood SawyerW + 196E-14 * YearBuilt*Neighborhood Somerst + 196E-14 * YearBuilt*Neighborhood StoneBr + 196E-14 * YearBuilt*Neighborhood Timber - 261E-16 * MasVnrAre*Neighborhood NAmes - 261E-16 * MasVnrAre*Neighborhood NoRidge - 261E-16 * MasVnrAre*Neighborhood NridgHt - 261E-16 * MasVnrAre*Neighborhood Somerst - 148E-16 * TotalBsmt*Neighborhood Blmngtn - 148E-16 * TotalBsmt*Neighborhood BrkSide - 148E-16 * TotalBsmt*Neighborhood ClearCr - 148E-16 * TotalBsmt*Neighborhood CollgCr - 148E-16 * TotalBsmt*Neighborhood Crawfor - 148E-16 * TotalBsmt*Neighborhood Edwards - 148E-16 * TotalBsmt*Neighborhood Gilbert - 148E-16 * TotalBsmt*Neighborhood IDOTRR - 148E-16 * TotalBsmt*Neighborhood Mitchel - 148E-16 * TotalBsmt*Neighborhood NAmes - 148E-16 * TotalBsmt*Neighborhood NWAmes - 148E-16 * TotalBsmt*Neighborhood NoRidge - 148E-16 * TotalBsmt*Neighborhood NridgHt - 148E-16 * TotalBsmt*Neighborhood OldTown - 148E-16 * TotalBsmt*Neighborhood Sawyer - 148E-16 * TotalBsmt*Neighborhood SawyerW - 148E-16 * TotalBsmt*Neighborhood Somerst - 148E-16 * TotalBsmt*Neighborhood StoneBr - 148E-16 * TotalBsmt*Neighborhood Timber - 114E-13 * FullBath*Neighborhood Blmngtn - 114E-13 * FullBath*Neighborhood BrkSide - 114E-13 * FullBath*Neighborhood ClearCr - 114E-13 * FullBath*Neighborhood CollgCr - 114E-13 * FullBath*Neighborhood Crawfor - 114E-13 * FullBath*Neighborhood Edwards - 114E-13 * FullBath*Neighborhood Gilbert - 114E-13 * FullBath*Neighborhood IDOTRR - 114E-13 * FullBath*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

FullBath*Neighborhood NPKVill =	Mitchel - 114E-13 * FullBath*Neighborhood NAmes + 114E-13 * FullBath*Neighborhood NWAmes + 114E-13 * FullBath*Neighborhood NoRidge + 114E-13 * FullBath*Neighborhood NridgHt + 114E-13 * FullBath*Neighborhood OldTown + 114E-13 * FullBath*Neighborhood SWISU + 114E-13 * FullBath*Neighborhood Sawyer + 114E-13 * FullBath*Neighborhood SawyerW + 114E-13 * FullBath*Neighborhood Somerst + 114E-13 * FullBath*Neighborhood StoneBr + 114E-13 * FullBath*Neighborhood Timber - 34E-12 * Neighborhood*BldgType CollgCr 1Fa - 34E-12 * Neighborhood*BldgType Crawfor 1Fa - 34E-12 * Neighborhood*BldgType Edwards 1Fa - 34E-12 * Neighborhood*BldgType Edwards 2fm - 34E-12 * Neighborhood*BldgType IDOTRR 1Fam - 34E-12 * Neighborhood*BldgType Mitchel 1Fa - 34E-12 * Neighborhood*BldgType NAmes 1Fam - 34E-12 * Neighborhood*BldgType NWAmes 1Fam - 34E-12 * Neighborhood*BldgType NridgHt 1Fa - 34E-12 * Neighborhood*BldgType OldTown 1Fa - 34E-12 * Neighborhood*BldgType OldTown 2fm - 34E-12 * Neighborhood*BldgType Sawyer 1Fam - 34E-12 * Neighborhood*BldgType SawyerW 1Fa - 34E-12 * Neighborhood*BldgType Somerst 1Fa - 34E-12 * Neighborhood*BldgType StoneBr 1Fa - 885E-14 * Neighborhood*HouseStyle CollgCr 1St - 885E-14 * Neighborhood*HouseStyle NAmes 1Stor
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Fireplace*Neighborhood Blueste =	<pre> -3.85E-9 * Intercept + 327E-13 * GrLlvArea_I - 453E-18 * Lot Area + 51E-13 * OverallCond + 181E-14 * YearBuilt - 243E-16 * MasVnrArea - 137E-16 * TotalBsmtSF - 105E-13 * FullBath + 25E-13 * Fireplaces + 313E-13 * BldgType 1Fam + 313E-13 * HouseStyle 1.5Unf + 819E-14 * HouseStyle 1Story + 314E-13 * HouseStyle 2.5Fin + 313E-13 * HouseStyle 2.5Unf - 313E-13 * BldgType*HouseStyle 1Fam 1.5Unf - 314E-13 * BldgType*HouseStyle 1Fam 2.5Fin - 313E-13 * BldgType*HouseStyle 1Fam 2.5Unf + 313E-13 * BldgType*HouseStyle 2fmCon 1.5Fi + 313E-13 * BldgType*HouseStyle 2fmCon 1Stor + 313E-13 * BldgType*HouseStyle 2fmCon 2Stor + 3.8E-9 * Neighborhood Blmngtn + 1 * Neighborhood Blueste + 3.96E-9 * Neighborhood BrDale + 3.81E-9 * Neighborhood BrkSide + 3.81E-9 * Neighborhood ClearCr + 3.85E-9 * Neighborhood CollgCr + 3.85E-9 * Neighborhood Crawfor + 3.85E-9 * Neighborhood Edwards + 3.81E-9 * Neighborhood Gilbert + 3.85E-9 * Neighborhood IDOTRR + 3.83E-9 * Neighborhood MeadowV + 3.85E-9 * Neighborhood Mitchel + 3.85E-9 * Neighborhood NAmes + 3.89E-9 * Neighborhood NPkVill + 3.85E-9 * Neighborhood NWAmes + 3.82E-9 * Neighborhood NoRidge + 3.82E-9 * Neighborhood NridgHt + 3.85E-9 * Neighborhood OldTown + 3.81E-9 * Neighborhood SWISU + 3.85E-9 * Neighborhood Sawyer + 3.85E-9 * Neighborhood SawyerW + 3.85E-9 * Neighborhood Somerst + 3.85E-9 * Neighborhood StoneBr + 3.82E-9 * Neighborhood Timber - 327E-13 * GrLlvArea*Neighborho Blmngtn + 225E-13 * GrLlvArea*Neighborho Blueste - 347E-13 * GrLlvArea*Neighborho BrDale - 327E-13 * GrLlvArea*Neighborho BrkSide - 327E-13 * GrLlvArea*Neighborho ClearCr - 327E-13 * GrLlvArea*Neighborho CollgCr - 327E-13 * GrLlvArea*Neighborho Crawfor - 327E-13 * GrLlvArea*Neighborho Edwards - 327E-13 * GrLlvArea*Neighborho Gilbert - 327E-13 * GrLlvArea*Neighborho IDOTRR - 325E-13 * GrLlvArea*Neighborho MeadowV - 327E-13 * GrLlvArea*Neighborho Mitchel - 327E-13 * GrLlvArea*Neighborho NAmes - 324E-13 * GrLlvArea*Neighborho NPkVill - 327E-13 * GrLlvArea*Neighborho NWAmes - 327E-13 * GrLlvArea*Neighborho NoRidge - 327E-13 * GrLlvArea*Neighborho NridgHt - 327E-13 * GrLlvArea*Neighborho OldTown - 327E-13 * GrLlvArea*Neighborho SWISU - 327E-13 * GrLlvArea*Neighborho Sawyer - 327E-13 * GrLlvArea*Neighborho SawyerW - 327E-13 * GrLlvArea*Neighborho Somerst - 327E-13 * GrLlvArea*Neighborho StoneBr - 327E-13 * GrLlvArea*Neighborho Timber + 459E-18 * LotArea*Neighborhood BrkSide + 459E-18 * LotArea*Neighborhood ClearCr + 459E-18 * LotArea*Neighborhood CollgCr + 459E-18 * LotArea*Neighborhood Crawfor + 459E-18 * LotArea*Neighborhood Edwards + 459E-18 * LotArea*Neighborhood Gilbert + 459E-18 * LotArea*Neighborhood IDOTRR + 459E-18 * LotArea*Neighborhood Mitchel + 459E-18 * LotArea*Neighborhood NAmes + 459E-18 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Fireplace*Neighborhood Blueste =	NWAmes + 459E-18 * LotArea*Neighborhood NoRidge + 459E-18 * LotArea*Neighborhood NridgHt + 459E-18 * LotArea*Neighborhood OldTown + 459E-18 * LotArea*Neighborhood SWISU + 459E-18 * LotArea*Neighborhood Sawyer + 46E-17 * LotArea*Neighborhood SawyerW + 458E-18 * LotArea*Neighborhood Somerst + 459E-18 * LotArea*Neighborhood StoneBr + 459E-18 * LotArea*Neighborhood Timber - 512E-14 * OverallCo*Neighborhood BrDale - 51E-13 * OverallCo*Neighborhood BrkSide - 51E-13 * OverallCo*Neighborhood ClearCr - 51E-13 * OverallCo*Neighborhood CollgCr - 509E-14 * OverallCo*Neighborhood Crawfor - 51E-13 * OverallCo*Neighborhood Edwards - 509E-14 * OverallCo*Neighborhood Gilbert - 51E-13 * OverallCo*Neighborhood IDOTRR - 51E-13 * OverallCo*Neighborhood MeadowV - 51E-13 * OverallCo*Neighborhood Mitchel - 51E-13 * OverallCo*Neighborhood NAmes - 511E-14 * OverallCo*Neighborhood NPkVill - 51E-13 * OverallCo*Neighborhood NWAmes - 509E-14 * OverallCo*Neighborhood NoRidge - 51E-13 * OverallCo*Neighborhood OldTown - 51E-13 * OverallCo*Neighborhood SWISU - 51E-13 * OverallCo*Neighborhood Sawyer - 51E-13 * OverallCo*Neighborhood SawyerW - 509E-14 * OverallCo*Neighborhood Somerst - 509E-14 * OverallCo*Neighborhood StoneBr - 509E-14 * OverallCo*Neighborhood Timber - 18E-13 * YearBuilt*Neighborhood Blmgtn - 186E-14 * YearBuilt*Neighborhood BrDale - 181E-14 * YearBuilt*Neighborhood BrkSide - 181E-14 * YearBuilt*Neighborhood ClearCr - 181E-14 * YearBuilt*Neighborhood CollgCr - 181E-14 * YearBuilt*Neighborhood Crawfor - 181E-14 * YearBuilt*Neighborhood Edwards - 181E-14 * YearBuilt*Neighborhood Gilbert - 181E-14 * YearBuilt*Neighborhood IDOTRR - 18E-13 * YearBuilt*Neighborhood MeadowV - 181E-14 * YearBuilt*Neighborhood Mitchel - 181E-14 * YearBuilt*Neighborhood NAmes - 182E-14 * YearBuilt*Neighborhood NPkVill - 181E-14 * YearBuilt*Neighborhood NWAmes - 181E-14 * YearBuilt*Neighborhood NoRidge - 181E-14 * YearBuilt*Neighborhood NridgHt - 181E-14 * YearBuilt*Neighborhood OldTown - 181E-14 * YearBuilt*Neighborhood SWISU - 181E-14 * YearBuilt*Neighborhood Sawyer - 181E-14 * YearBuilt*Neighborhood SawyerW - 181E-14 * YearBuilt*Neighborhood Somerst - 181E-14 * YearBuilt*Neighborhood StoneBr - 181E-14 * YearBuilt*Neighborhood Timber + 246E-16 * MasVnrAre*Neighborhood BrDale + 243E-16 * MasVnrAre*Neighborhood ClearCr + 243E-16 * MasVnrAre*Neighborhood CollgCr + 243E-16 * MasVnrAre*Neighborhood Crawfor + 243E-16 * MasVnrAre*Neighborhood Edwards + 243E-16 * MasVnrAre*Neighborhood Gilbert + 243E-16 * MasVnrAre*Neighborhood Mitchel + 243E-16 * MasVnrAre*Neighborhood NAmes + 243E-16 * MasVnrAre*Neighborhood NWAmes + 243E-16 * MasVnrAre*Neighborhood NoRidge + 243E-16 * MasVnrAre*Neighborhood NridgHt + 243E-16 * MasVnrAre*Neighborhood OldTown + 243E-16 * MasVnrAre*Neighborhood Sawyer + 243E-16 * MasVnrAre*Neighborhood SawyerW + 243E-16 * MasVnrAre*Neighborhood Somerst + 243E-16 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Fireplace*Neighborhood Blueste =	StoneBr + 243E-16 * MasVnrAre*Neighborhood Timber + 137E-16 * TotalBsmt*Neighborhood Blmngtn + 162E-16 * TotalBsmt*Neighborhood BrDale + 137E-16 * TotalBsmt*Neighborhood BrkSide + 137E-16 * TotalBsmt*Neighborhood ClearCr + 137E-16 * TotalBsmt*Neighborhood CollgCr + 137E-16 * TotalBsmt*Neighborhood Crawfor + 137E-16 * TotalBsmt*Neighborhood Edwards + 137E-16 * TotalBsmt*Neighborhood Gilbert + 137E-16 * TotalBsmt*Neighborhood IDOTRR + 135E-16 * TotalBsmt*Neighborhood MeadowV + 137E-16 * TotalBsmt*Neighborhood Mitchel + 137E-16 * TotalBsmt*Neighborhood NAmes + 137E-16 * TotalBsmt*Neighborhood NPKVill + 137E-16 * TotalBsmt*Neighborhood NWAmes + 137E-16 * TotalBsmt*Neighborhood NoRidge + 137E-16 * TotalBsmt*Neighborhood NridgHt + 137E-16 * TotalBsmt*Neighborhood OldTown + 137E-16 * TotalBsmt*Neighborhood SWISU + 137E-16 * TotalBsmt*Neighborhood Sawyer + 137E-16 * TotalBsmt*Neighborhood SawyerW + 137E-16 * TotalBsmt*Neighborhood Somerst + 137E-16 * TotalBsmt*Neighborhood StoneBr + 137E-16 * TotalBsmt*Neighborhood Timber + 106E-13 * FullBath*Neighborhood Blmngtn + 108E-13 * FullBath*Neighborhood BrDale + 106E-13 * FullBath*Neighborhood BrkSide + 106E-13 * FullBath*Neighborhood ClearCr + 106E-13 * FullBath*Neighborhood CollgCr + 106E-13 * FullBath*Neighborhood Crawfor + 106E-13 * FullBath*Neighborhood Edwards + 106E-13 * FullBath*Neighborhood Gilbert + 106E-13 * FullBath*Neighborhood IDOTRR + 106E-13 * FullBath*Neighborhood MeadowV + 106E-13 * FullBath*Neighborhood Mitchel + 106E-13 * FullBath*Neighborhood NAmes + 106E-13 * FullBath*Neighborhood NWAmes + 106E-13 * FullBath*Neighborhood NoRidge + 106E-13 * FullBath*Neighborhood NridgHt + 106E-13 * FullBath*Neighborhood OldTown + 106E-13 * FullBath*Neighborhood SWISU + 106E-13 * FullBath*Neighborhood Sawyer + 106E-13 * FullBath*Neighborhood SawyerW + 106E-13 * FullBath*Neighborhood Somerst + 106E-13 * FullBath*Neighborhood StoneBr + 106E-13 * FullBath*Neighborhood Timber + 254E-14 * Fireplace*Neighborhood ClearCr + 254E-14 * Fireplace*Neighborhood CollgCr + 254E-14 * Fireplace*Neighborhood Crawfor + 254E-14 * Fireplace*Neighborhood Edwards + 254E-14 * Fireplace*Neighborhood Gilbert + 254E-14 * Fireplace*Neighborhood NAmes + 254E-14 * Fireplace*Neighborhood NWAmes + 254E-14 * Fireplace*Neighborhood NoRidge + 254E-14 * Fireplace*Neighborhood NridgHt + 254E-14 * Fireplace*Neighborhood OldTown + 254E-14 * Fireplace*Neighborhood SawyerW + 254E-14 * Fireplace*Neighborhood Somerst + 254E-14 * Fireplace*Neighborhood Timber + 313E-13 * Neighborhood*BldgType Blmngtn 1Fa + 313E-13 * Neighborhood*BldgType CollgCr 1Fa + 313E-13 * Neighborhood*BldgType Crawfor 1Fa + 313E-13 * Neighborhood*BldgType Crawfor 2fm + 313E-13 * Neighborhood*BldgType Edwards 1Fa + 313E-13 * Neighborhood*BldgType Edwards 2fm + 313E-13 * Neighborhood*BldgType IDOTRR 1Fam + 313E-13 * Neighborhood*BldgType IDOTRR 2fmc + 313E-13 * Neighborhood*BldgType Mitchel 1Fa + 313E-13 * Neighborhood*BldgType Mitchel
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Fireplace*Neighborhood Blueste =	2fm + 313E-13 * Neighborhood*BldgType NAmes 1Fam + 313E-13 * Neighborhood*BldgType NWAmes 1Fam + 313E-13 * Neighborhood*BldgType NridgHt 1Fa + 313E-13 * Neighborhood*BldgType OldTown 1Fa + 313E-13 * Neighborhood*BldgType OldTown 2fm + 313E-13 * Neighborhood*BldgType Sawyer 1Fam + 313E-13 * Neighborhood*BldgType Sawyer 2fmc + 313E-13 * Neighborhood*BldgType SawyerW 1Fa + 313E-13 * Neighborhood*BldgType Somerst 1Fa + 313E-13 * Neighborhood*BldgType StoneBr 1Fa + 817E-14 * Neighborhood*HouseStyle BrkSide 1St + 819E-14 * Neighborhood*HouseStyle ClearCr 1St + 819E-14 * Neighborhood*HouseStyle CollgCr 1St + 817E-14 * Neighborhood*HouseStyle Crawfor 1St + 819E-14 * Neighborhood*HouseStyle Edwards 1St + 819E-14 * Neighborhood*HouseStyle Gilbert 1St + 817E-14 * Neighborhood*HouseStyle IDOTRR 1Sto + 819E-14 * Neighborhood*HouseStyle Mitchel 1St + 819E-14 * Neighborhood*HouseStyle NAmes 1Stor + 809E-14 * Neighborhood*HouseStyle NPKVill 1St + 818E-14 * Neighborhood*HouseStyle NWAmes 1Sto + 817E-14 * Neighborhood*HouseStyle NoRidge 1St + 817E-14 * Neighborhood*HouseStyle NridgHt 1St + 819E-14 * Neighborhood*HouseStyle OldTown 1St + 819E-14 * Neighborhood*HouseStyle Sawyer 1Sto + 819E-14 * Neighborhood*HouseStyle SawyerW 1St + 817E-14 * Neighborhood*HouseStyle Somerst 1St + 817E-14 * Neighborhood*HouseStyle StoneBr 1St + 818E-14 * Neighborhood*HouseStyle Timber 1Sto
Neighborhood*BldgType Blmngtn 2fm =	0
Neighborhood*BldgType Blmngtn Dup =	0
Neighborhood*BldgType Blmngtn Twn =	0
Neighborhood*BldgType Blueste 1Fa =	0
Neighborhood*BldgType Blueste 2fm =	0
Neighborhood*BldgType Blueste Dup =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Blueste Twn =	-2.94E-7 * Intercept + 2.5E-9 * GrLlvArea_I - 346E-16 * LotArea + 391E-12 * OverallCond + 138E-12 * YearBuilt - 294E-21 * LotArea*YearBuilt - 187E-14 * MasVnrArea - 105E-14 * TotalBsmtSF - 319E-18 * OverallCo*TotalBsmtS - 805E-12 * FullBath - 768E-15 * GrLlvArea_I*FullBath + 19E-11 * Fireplaces + 484E-15 * GrLlvArea*Fireplaces + 279E-14 * LotConfig_Corner - 204E-13 * LotConfig_CulDSac + 317E-13 * LotConfig_FR2 - 735E-14 * LotConfig_FR3 - 152E-17 * YearBuilt*LotConfig_Corner + 105E-16 * YearBuilt*LotConfig_CulDSac - 152E-16 * YearBuilt*LotConfig_FR2 + 364E-17 * YearBuilt*LotConfig_FR3 + 2.39E-9 * BldgType_1Fam + 342E-13 * BldgType_Twnhs + 2.39E-9 * HouseStyle_1.5Unf + 627E-12 * HouseStyle_1Story + 2.4E-9 * HouseStyle_2.5Fin + 2.39E-9 * HouseStyle_2.5Unf + 197E-14 * HouseStyle_2Story + 542E-19 * LotArea*HouseStyle_1.5Fin + 574E-19 * LotArea*HouseStyle_1Story - 484E-18 * LotArea*HouseStyle_2.5Fin + 642E-19 * LotArea*HouseStyle_2Story - 2.39E-9 * BldgType*HouseStyle_1Fam_1.5Unf - 2.4E-9 * BldgType*HouseStyle_1Fam_2.5Fin - 2.39E-9 * BldgType*HouseStyle_1Fam_2.5Unf + 2.39E-9 * BldgType*HouseStyle_2fmCon_1.5Fi + 2.39E-9 * BldgType*HouseStyle_2fmCon_1Stor + 2.39E-9 * BldgType*HouseStyle_2fmCon_2Stor - 359E-13 * BldgType*HouseStyle_Twnhs_1Story - 364E-13 * BldgType*HouseStyle_Twnhs_2Story - 344E-13 * BldgType*HouseStyle_Twnhs_SFoyer + 2.92E-7 * Neighborhood_Blmngtn - 30.1544 * Neighborhood_Blueste + 2.85E-7 * Neighborhood_BrDale + 2.91E-7 * Neighborhood_BrkSide + 2.91E-7 * Neighborhood_ClearCr + 2.94E-7 * Neighborhood_CollgCr + 2.94E-7 * Neighborhood_Crawfor + 2.94E-7 * Neighborhood_Edwards + 2.91E-7 * Neighborhood_Gilbert + 2.94E-7 * Neighborhood_IDOTRR + 2.97E-7 * Neighborhood_MeadowV + 2.94E-7 * Neighborhood_Mitchel + 2.94E-7 * Neighborhood_NAmes + 2.92E-7 * Neighborhood_NPKVill + 2.94E-7 * Neighborhood_NWAmes + 2.91E-7 * Neighborhood_NoRidge + 2.92E-7 * Neighborhood_NridgHt + 2.94E-7 * Neighborhood_OldTown + 2.91E-7 * Neighborhood_SWISU + 2.94E-7 * Neighborhood_Sawyer + 2.94E-7 * Neighborhood_SawyerW + 2.94E-7 * Neighborhood_Somerst + 2.94E-7 * Neighborhood_StoneBr + 2.91E-7 * Neighborhood_Timber - 2.5E-9 * GrLlvArea*Neighborho_Blmngtn + 4.23877 * GrLlvArea*Neighborho_Blueste - 2.37E-9 * GrLlvArea*Neighborho_BrDale - 2.5E-9 * GrLlvArea*Neighborho_BrkSide - 2.5E-9 * GrLlvArea*Neighborho_ClearCr - 2.5E-9 * GrLlvArea*Neighborho_CollgCr - 2.5E-9 * GrLlvArea*Neighborho_Crawfor - 2.5E-9 * GrLlvArea*Neighborho_Edwards - 2.5E-9 * GrLlvArea*Neighborho_Gilbert - 2.5E-9 * GrLlvArea*Neighborho_IDOTRR - 2.55E-9 * GrLlvArea*Neighborho_MeadowV - 2.5E-9 * GrLlvArea*Neighborho_Mitchel - 2.5E-9 * GrLlvArea*Neighborho_NAmes - 2.53E-9 * GrLlvArea*Neighborho_NPKVill - 2.5E-9 * GrLlvArea*Neighborho_NWAmes - 2.5E-9 * GrLlvArea*Neighborho_NoRidge - 2.5E-9 * GrLlvArea*Neighborho_NridgHt - 2.5E-9 * GrLlvArea*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Blueste Twn =	OldTown - 2.5E-9 * GrLlvArea*Neighborhood SWISU - 2.5E-9 * GrLlvArea*Neighborhood Sawyer - 2.5E-9 * GrLlvArea*Neighborhood SawyerW - 2.5E-9 * GrLlvArea*Neighborhood Somerst - 2.5E-9 * GrLlvArea*Neighborhood StoneBr - 2.5E-9 * GrLlvArea*Neighborhood Timber + 335E-16 * LotArea*Neighborhood Blmgtn + 38E-15 * LotArea*Neighborhood BrDale + 351E-16 * LotArea*Neighborhood BrkSide + 351E-16 * LotArea*Neighborhood ClearCr + 351E-16 * LotArea*Neighborhood CollCr + 351E-16 * LotArea*Neighborhood Crawfor + 351E-16 * LotArea*Neighborhood Edwards + 351E-16 * LotArea*Neighborhood Gilbert + 351E-16 * LotArea*Neighborhood IDOTRR + 453E-16 * LotArea*Neighborhood MeadowV + 351E-16 * LotArea*Neighborhood Mitchel + 351E-16 * LotArea*Neighborhood NAmes + 339E-16 * LotArea*Neighborhood NPKVill + 351E-16 * LotArea*Neighborhood NWAmes + 351E-16 * LotArea*Neighborhood NoRidge + 351E-16 * LotArea*Neighborhood NridgHt + 351E-16 * LotArea*Neighborhood OldTown + 351E-16 * LotArea*Neighborhood SWISU + 351E-16 * LotArea*Neighborhood Sawyer + 352E-16 * LotArea*Neighborhood SawyerW + 35E-15 * LotArea*Neighborhood Somerst + 351E-16 * LotArea*Neighborhood StoneBr + 351E-16 * LotArea*Neighborhood Timber - 389E-12 * OverallCo*Neighborhood BrDale - 39E-11 * OverallCo*Neighborhood BrkSide - 39E-11 * OverallCo*Neighborhood ClearCr - 39E-11 * OverallCo*Neighborhood CollCr - 39E-11 * OverallCo*Neighborhood Crawfor - 39E-11 * OverallCo*Neighborhood Edwards - 39E-11 * OverallCo*Neighborhood Gilbert - 39E-11 * OverallCo*Neighborhood IDOTRR - 389E-12 * OverallCo*Neighborhood MeadowV - 39E-11 * OverallCo*Neighborhood Mitchel - 39E-11 * OverallCo*Neighborhood NAmes - 39E-11 * OverallCo*Neighborhood NPKVill - 39E-11 * OverallCo*Neighborhood NWAmes - 39E-11 * OverallCo*Neighborhood NoRidge - 39E-11 * OverallCo*Neighborhood OldTown - 39E-11 * OverallCo*Neighborhood SWISU - 39E-11 * OverallCo*Neighborhood Sawyer - 39E-11 * OverallCo*Neighborhood SawyerW - 39E-11 * OverallCo*Neighborhood Somerst - 39E-11 * OverallCo*Neighborhood StoneBr - 39E-11 * OverallCo*Neighborhood Timber - 138E-12 * YearBuilt*Neighborhood Blmgtn - 134E-12 * YearBuilt*Neighborhood BrDale - 138E-12 * YearBuilt*Neighborhood BrkSide - 138E-12 * YearBuilt*Neighborhood ClearCr - 138E-12 * YearBuilt*Neighborhood CollCr - 138E-12 * YearBuilt*Neighborhood Crawfor - 138E-12 * YearBuilt*Neighborhood Edwards - 138E-12 * YearBuilt*Neighborhood Gilbert - 138E-12 * YearBuilt*Neighborhood IDOTRR - 139E-12 * YearBuilt*Neighborhood MeadowV - 138E-12 * YearBuilt*Neighborhood Mitchel - 138E-12 * YearBuilt*Neighborhood NAmes - 136E-12 * YearBuilt*Neighborhood NPKVill - 138E-12 * YearBuilt*Neighborhood NWAmes - 138E-12 * YearBuilt*Neighborhood NoRidge - 138E-12 * YearBuilt*Neighborhood NridgHt - 138E-12 * YearBuilt*Neighborhood OldTown - 138E-12 * YearBuilt*Neighborhood SWISU - 138E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Blueste Twn =	Sawyer - 138E-12 * YearBuilt*Neighborhood SawyerW - 138E-12 * YearBuilt*Neighborhood Somerst - 138E-12 * YearBuilt*Neighborhood StoneBr - 138E-12 * YearBuilt*Neighborhood Timber + 186E-14 * MasVnrAre*Neighborhood Blmngtn + 184E-14 * MasVnrAre*Neighborhood BrDale + 187E-14 * MasVnrAre*Neighborhood BrkSide + 186E-14 * MasVnrAre*Neighborhood ClearCr + 186E-14 * MasVnrAre*Neighborhood CollgCr + 187E-14 * MasVnrAre*Neighborhood Crawfor + 187E-14 * MasVnrAre*Neighborhood Edwards + 186E-14 * MasVnrAre*Neighborhood Gilbert + 187E-14 * MasVnrAre*Neighborhood IDOTRR + 191E-14 * MasVnrAre*Neighborhood MeadowV + 187E-14 * MasVnrAre*Neighborhood Mitchel + 187E-14 * MasVnrAre*Neighborhood NAmes + 187E-14 * MasVnrAre*Neighborhood NWAmes + 187E-14 * MasVnrAre*Neighborhood NoRidge + 187E-14 * MasVnrAre*Neighborhood NridgHt + 187E-14 * MasVnrAre*Neighborhood OldTown + 187E-14 * MasVnrAre*Neighborhood SWISU + 187E-14 * MasVnrAre*Neighborhood Sawyer + 187E-14 * MasVnrAre*Neighborhood SawyerW + 187E-14 * MasVnrAre*Neighborhood Somerst + 186E-14 * MasVnrAre*Neighborhood StoneBr + 186E-14 * MasVnrAre*Neighborhood Timber + 105E-14 * TotalBsmt*Neighborhood Blmngtn + 885E-15 * TotalBsmt*Neighborhood BrDale + 105E-14 * TotalBsmt*Neighborhood BrkSide + 105E-14 * TotalBsmt*Neighborhood ClearCr + 105E-14 * TotalBsmt*Neighborhood CollgCr + 105E-14 * TotalBsmt*Neighborhood Crawfor + 105E-14 * TotalBsmt*Neighborhood Edwards + 105E-14 * TotalBsmt*Neighborhood Gilbert + 105E-14 * TotalBsmt*Neighborhood IDOTRR + 11E-13 * TotalBsmt*Neighborhood MeadowV + 105E-14 * TotalBsmt*Neighborhood Mitchel + 105E-14 * TotalBsmt*Neighborhood NAmes + 105E-14 * TotalBsmt*Neighborhood NPkVill + 105E-14 * TotalBsmt*Neighborhood NWAmes + 105E-14 * TotalBsmt*Neighborhood NoRidge + 105E-14 * TotalBsmt*Neighborhood NridgHt + 105E-14 * TotalBsmt*Neighborhood OldTown + 105E-14 * TotalBsmt*Neighborhood SWISU + 105E-14 * TotalBsmt*Neighborhood Sawyer + 105E-14 * TotalBsmt*Neighborhood SawyerW + 105E-14 * TotalBsmt*Neighborhood Somerst + 105E-14 * TotalBsmt*Neighborhood StoneBr + 105E-14 * TotalBsmt*Neighborhood Timber + 81E-11 * FullBath*Neighborhood Blmngtn + 796E-12 * FullBath*Neighborhood BrDale + 811E-12 * FullBath*Neighborhood BrkSide + 811E-12 * FullBath*Neighborhood ClearCr + 81E-11 * FullBath*Neighborhood CollgCr + 81E-11 * FullBath*Neighborhood Crawfor + 81E-11 * FullBath*Neighborhood Edwards + 81E-11 * FullBath*Neighborhood Gilbert + 81E-11 * FullBath*Neighborhood IDOTRR + 796E-12 * FullBath*Neighborhood MeadowV + 81E-11 * FullBath*Neighborhood Mitchel + 81E-11 * FullBath*Neighborhood NAmes + 81E-11 * FullBath*Neighborhood NWAmes + 81E-11 * FullBath*Neighborhood NoRidge + 811E-12 * FullBath*Neighborhood NridgHt + 81E-11 * FullBath*Neighborhood OldTown + 811E-12 * FullBath*Neighborhood SWISU + 81E-11 * FullBath*Neighborhood Sawyer + 81E-11 * FullBath*Neighborhood SawyerW + 811E-12 * FullBath*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Blueste Twn =	Somerst + 811E-12 * FullBath*Neighborhood StoneBr + 812E-12 * FullBath*Neighborhood Timber - 193E-12 * Fireplace*Neighborhood Blmngtn - 191E-12 * Fireplace*Neighborhood BrDale - 193E-12 * Fireplace*Neighborhood BrkSide - 193E-12 * Fireplace*Neighborhood ClearCr - 193E-12 * Fireplace*Neighborhood CollgCr - 193E-12 * Fireplace*Neighborhood Crawfor - 193E-12 * Fireplace*Neighborhood Edwards - 193E-12 * Fireplace*Neighborhood Gilbert - 193E-12 * Fireplace*Neighborhood IDOTRR - 175E-12 * Fireplace*Neighborhood MeadowV - 193E-12 * Fireplace*Neighborhood Mitchel - 193E-12 * Fireplace*Neighborhood NAmes - 192E-12 * Fireplace*Neighborhood NPkVill - 193E-12 * Fireplace*Neighborhood NWAmes - 193E-12 * Fireplace*Neighborhood NoRidge - 193E-12 * Fireplace*Neighborhood NridgHt - 193E-12 * Fireplace*Neighborhood OldTown - 193E-12 * Fireplace*Neighborhood SWISU - 193E-12 * Fireplace*Neighborhood Sawyer - 193E-12 * Fireplace*Neighborhood SawyerW - 193E-12 * Fireplace*Neighborhood Somerst - 193E-12 * Fireplace*Neighborhood StoneBr - 193E-12 * Fireplace*Neighborhood Timber - 2.39E-9 * Neighborhood*BldgType Blmngtn 1Fa + 148E-13 * Neighborhood*BldgType BrDale Twnh + 2.39E-9 * Neighborhood*BldgType CollgCr 1Fa + 2.39E-9 * Neighborhood*BldgType Crawfor 1Fa + 2.39E-9 * Neighborhood*BldgType Crawford 2fm + 2.39E-9 * Neighborhood*BldgType Edwards 1Fa + 2.39E-9 * Neighborhood*BldgType Edwards 2fm + 2.39E-9 * Neighborhood*BldgType IDOTRR 1Fam + 2.39E-9 * Neighborhood*BldgType IDOTRR 2fmc + 525E-14 * Neighborhood*BldgType MeadowV Twn + 2.39E-9 * Neighborhood*BldgType Mitchel 1Fa + 2.39E-9 * Neighborhood*BldgType Mitchel 2fm + 2.39E-9 * Neighborhood*BldgType NAmes 1Fam + 2.39E-9 * Neighborhood*BldgType NWAmes 1Fam + 2.39E-9 * Neighborhood*BldgType NridgHt 1Fa + 2.39E-9 * Neighborhood*BldgType OldTown 1Fa + 2.39E-9 * Neighborhood*BldgType OldTown 2fm + 2.39E-9 * Neighborhood*BldgType Sawyer 1Fam + 2.39E-9 * Neighborhood*BldgType Sawyer 2fmc + 2.39E-9 * Neighborhood*BldgType SawyerW 1Fa + 2.39E-9 * Neighborhood*BldgType Somerst 1Fa + 2.39E-9 * Neighborhood*BldgType StoneBr 1Fa + 626E-12 * Neighborhood*HouseStyle BrkSide 1St + 627E-12 * Neighborhood*HouseStyle ClearCr 1St + 627E-12 * Neighborhood*HouseStyle CollgCr 1St + 192E-14 * Neighborhood*HouseStyle CollgCr 2St + 625E-12 * Neighborhood*HouseStyle Crawford 1St + 627E-12 * Neighborhood*HouseStyle Edwards 1St + 627E-12 * Neighborhood*HouseStyle Gilbert 1St + 16E-13 * Neighborhood*HouseStyle Gilbert 2St + 625E-12 * Neighborhood*HouseStyle IDOTRR 1Sto + 661E-12 * Neighborhood*HouseStyle MeadowV 1St - 234E-13 * Neighborhood*HouseStyle MeadowV 2St + 627E-12 * Neighborhood*HouseStyle Mitchel 1St + 627E-12 * Neighborhood*HouseStyle NAmes 1Stor + 634E-12 * Neighborhood*HouseStyle NPkVill 1St + 627E-12 * Neighborhood*HouseStyle NWAmes 1Sto + 625E-12 * Neighborhood*HouseStyle NoRidge 1St + 625E-12 * Neighborhood*HouseStyle NridgHt 1St + 627E-12 * Neighborhood*HouseStyle OldTown 1St + 625E-12 * Neighborhood*HouseStyle SWISU 1Stor + 627E-12 * Neighborhood*HouseStyle Sawyer 1Sto + 627E-12 * Neighborhood*HouseStyle SawyerW 1St + 625E-12 * Neighborhood*HouseStyle Somerst
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType Blueste Twn =	1St + 625E-12 * Neighborh*HouseStyle StoneBr 1St + 627E-12 * Neighborh*HouseStyle Timber 1Sto - 326E-14 * GarageCars + 803E-18 * YearBuilt*Garage Cars - 211E-14 * GarageCar*HouseStyle 2.5Fin + 876E-14 * GarageCar*Neighborho BrDale + 16E-13 * GarageCar*Neighborho BrkSide + 157E-14 * GarageCar*Neighborho ClearCr + 114E-14 * GarageCar*Neighborho CollgCr + 124E-14 * GarageCar*Neighborho Crawfor + 125E-14 * GarageCar*Neighborho Edwards + 152E-14 * GarageCar*Neighborho Gilbert + 141E-14 * GarageCar*Neighborho Mitchel + 131E-14 * GarageCar*Neighborho NAmes + 13E-13 * GarageCar*Neighborho NoRidge + 134E-14 * GarageCar*Neighborho NridgHt + 146E-14 * GarageCar*Neighborho OldTown + 138E-14 * GarageCar*Neighborho Sawyer + 136E-14 * GarageCar*Neighborho SawyerW + 123E-14 * GarageCar*Neighborho Somerst
Neighborhoo*BldgType BrDale 1Fam =	0
Neighborhoo*BldgType BrDale 2fmC =	0
Neighborhoo*BldgType BrDale Dupl =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType BrkSide 2fm =	<pre> -3.72E-7 * Intercept + 3.15E-9 * GrLlvArea_I - 439E-16 * Lot Area + 492E-12 * OverallCond + 175E-12 * YearBuilt - 256E-21 * LotArea*YearBuilt - 233E-14 * MasVnrArea - 132E-14 * Total BsmtSF - 384E-18 * OverallCo*TotalBsmtS - 1.01E-9 * FullBath - 932E-15 * GrLlvArea_I*FullBath + 243E-12 * Fireplaces + 574E-15 * GrLlvArea*Fireplaces + 296E-14 * LotConfig Corner - 268E-13 * LotConfig CulDSac + 392E-13 * LotConfig FR2 - 118E-13 * LotConfig FR3 - 164E-17 * YearBuilt*LotConfig Corner + 138E-16 * YearBuilt*LotConfig CulDSac - 188E-16 * YearBuilt*LotConfig FR2 + 595E-17 * YearBuilt*LotConfig FR3 + 3.03E-9 * BldgType 1Fam + 3.03E-9 * HouseStyle 1.5Unf + 789E-12 * HouseStyle 1Story + 3.04E-9 * HouseStyle 2.5Fin + 3.03E-9 * HouseStyle 2.5Unf + 242E-14 * HouseStyle 2Story + 656E-19 * LotArea*HouseStyle 1.5Fin + 683E-19 * LotArea*HouseStyle 1Story - 689E-18 * LotArea*HouseStyle 2.5Fin + 765E-19 * LotArea*HouseStyle 2Story - 3.03E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 3.04E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 3.03E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 3.03E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 3.03E-9 * BldgType*HouseStyle 2fmCon 1Stor + 3.03E-9 * BldgType*HouseStyle 2fmCon 2Stor + 3.68E-7 * Neighborhood Blmngtn - 1.34E-8 * Neighborhood Blueste + 3.71E-7 * Neighborhood BrDale + 1 * Neighborhood BrkSide + 3.69E-7 * Neighborhood ClearCr + 3.72E-7 * Neighborhood CollgCr + 3.72E-7 * Neighborhood Crawfor + 3.72E-7 * Neighborhood Edwards + 3.69E-7 * Neighborhood Gilbert + 3.72E-7 * Neighborhood IDOTRR + 3.72E-7 * Neighborhood MeadowV + 3.72E-7 * Neighborhood Mitchel + 3.72E-7 * Neighborhood NAmes + 3.71E-7 * Neighborhood NPkVill + 3.72E-7 * Neighborhood NWAmes + 3.69E-7 * Neighborhood NoRidge + 3.69E-7 * Neighborhood NridgHt + 3.72E-7 * Neighborhood OldTown + 3.69E-7 * Neighborhood SWISU + 3.72E-7 * Neighborhood Sawyer + 3.72E-7 * Neighborhood SawyerW + 3.72E-7 * Neighborhood Somerset + 3.72E-7 * Neighborhood StoneBr + 3.69E-7 * Neighborhood Timber - 3.15E-9 * GrLlvArea*Neighboho Blmngtn + 2.16E-9 * GrLlvArea*Neighboho Blueste - 3.14E-9 * GrLlvArea*Neighboho BrDale - 3.15E-9 * GrLlvArea*Neighboho BrkSide - 3.15E-9 * GrLlvArea*Neighboho ClearCr - 3.15E-9 * GrLlvArea*Neighboho CollgCr - 3.15E-9 * GrLlvArea*Neighboho Crawfor - 3.15E-9 * GrLlvArea*Neighboho Edwards - 3.15E-9 * GrLlvArea*Neighboho Gilbert - 3.15E-9 * GrLlvArea*Neighboho IDOTRR - 3.15E-9 * GrLlvArea*Neighboho MeadowV - 3.15E-9 * GrLlvArea*Neighboho Mitchel - 3.15E-9 * GrLlvArea*Neighboho NAmes - 3.16E-9 * GrLlvArea*Neighboho NPkVill - 3.15E-9 * GrLlvArea*Neighboho NWAmes - 3.15E-9 * GrLlvArea*Neighboho NoRidge - 3.15E-9 * GrLlvArea*Neighboho NridgHt - 3.15E-9 * GrLlvArea*Neighboho OldTown - 3.15E-9 * GrLlvArea*Neighboho SWISU - 3.15E-9 * GrLlvArea*Neighboho Sawyer - 3.15E-9 * GrLlvArea*Neighboho SawyerW - 3.15E-9 * GrLlvArea*Neighboho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType BrkSide 2fm =	<pre>Somerst - 3.15E-9 * GrLlvArea*Neighborhood StoneBr - 3.15E-9 * GrLlvArea*Neighborhood Timber + 447E-16 * LotArea*Neighborhood Blmngtn + 445E-16 * LotArea*Neighborhood BrDale + 444E-16 * LotArea*Neighborhood BrkSide + 443E-16 * LotArea*Neighborhood ClearCr + 444E-16 * LotArea*Neighborhood CollgCr + 443E-16 * LotArea*Neighborhood Crawfor + 443E-16 * LotArea*Neighborhood Edwards + 443E-16 * LotArea*Neighborhood Gilbert + 443E-16 * LotArea*Neighborhood IDOTRR + 448E-16 * LotArea*Neighborhood MeadowV + 443E-16 * LotArea*Neighborhood Mitchel + 443E-16 * LotArea*Neighborhood NAmes + 441E-16 * LotArea*Neighborhood NPkVill + 443E-16 * LotArea*Neighborhood NWAmes + 443E-16 * LotArea*Neighborhood NoRidge + 443E-16 * LotArea*Neighborhood NridgHt + 443E-16 * LotArea*Neighborhood OldTown + 443E-16 * LotArea*Neighborhood SWISU + 443E-16 * LotArea*Neighborhood Sawyer + 444E-16 * LotArea*Neighborhood SawyerW + 443E-16 * LotArea*Neighborhood Somerst + 443E-16 * LotArea*Neighborhood StoneBr + 443E-16 * LotArea*Neighborhood Timber - 491E-12 * OverallCo*Neighborhood BrDale - 491E-12 * OverallCo*Neighborhood BrkSide - 491E-12 * OverallCo*Neighborhood ClearCr - 491E-12 * OverallCo*Neighborhood CollgCr - 491E-12 * OverallCo*Neighborhood Crawfor - 491E-12 * OverallCo*Neighborhood Edwards - 491E-12 * OverallCo*Neighborhood Gilbert - 491E-12 * OverallCo*Neighborhood IDOTRR - 491E-12 * OverallCo*Neighborhood MeadowV - 491E-12 * OverallCo*Neighborhood Mitchel - 491E-12 * OverallCo*Neighborhood NAmes - 491E-12 * OverallCo*Neighborhood NPkVill - 491E-12 * OverallCo*Neighborhood NWAmes - 491E-12 * OverallCo*Neighborhood NoRidge - 491E-12 * OverallCo*Neighborhood OldTown - 491E-12 * OverallCo*Neighborhood SWISU - 491E-12 * OverallCo*Neighborhood Sawyer - 491E-12 * OverallCo*Neighborhood SawyerW - 491E-12 * OverallCo*Neighborhood Somerst - 491E-12 * OverallCo*Neighborhood StoneBr - 49E-11 * OverallCo*Neighborhood Timber - 175E-12 * YearBuilt*Neighborhood Blmngtn - 175E-12 * YearBuilt*Neighborhood BrDale - 175E-12 * YearBuilt*Neighborhood BrkSide - 175E-12 * YearBuilt*Neighborhood ClearCr - 175E-12 * YearBuilt*Neighborhood CollgCr - 175E-12 * YearBuilt*Neighborhood Crawfor - 175E-12 * YearBuilt*Neighborhood Edwards - 175E-12 * YearBuilt*Neighborhood Gilbert - 175E-12 * YearBuilt*Neighborhood IDOTRR - 175E-12 * YearBuilt*Neighborhood MeadowV - 175E-12 * YearBuilt*Neighborhood Mitchel - 175E-12 * YearBuilt*Neighborhood NAmes - 174E-12 * YearBuilt*Neighborhood NPkVill - 175E-12 * YearBuilt*Neighborhood NWAmes - 175E-12 * YearBuilt*Neighborhood NoRidge - 175E-12 * YearBuilt*Neighborhood NridgHt - 175E-12 * YearBuilt*Neighborhood OldTown - 175E-12 * YearBuilt*Neighborhood SWISU - 175E-12 * YearBuilt*Neighborhood Sawyer - 175E-12 * YearBuilt*Neighborhood SawyerW - 175E-12 * YearBuilt*Neighborhood Somerst - 175E-12 * YearBuilt*Neighborhood StoneBr - 175E-12 * YearBuilt*Neighborhood</pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType BrkSide 2fm =	Timber + 233E-14 * MasVnrAre*Neighborhood Blmgtn + 233E-14 * MasVnrAre*Neighborhood BrDale + 233E-14 * MasVnrAre*Neighborhood BrkSide + 233E-14 * MasVnrAre*Neighborhood ClearCr + 233E-14 * MasVnrAre*Neighborhood CollgCr + 233E-14 * MasVnrAre*Neighborhood Crawfor + 233E-14 * MasVnrAre*Neighborhood Edwards + 233E-14 * MasVnrAre*Neighborhood Gilbert + 233E-14 * MasVnrAre*Neighborhood IDOTRR + 231E-14 * MasVnrAre*Neighborhood MeadowV + 233E-14 * MasVnrAre*Neighborhood Mitchel + 233E-14 * MasVnrAre*Neighborhood NAmes + 233E-14 * MasVnrAre*Neighborhood NWAmes + 233E-14 * MasVnrAre*Neighborhood NoRidge + 233E-14 * MasVnrAre*Neighborhood NridgHt + 233E-14 * MasVnrAre*Neighborhood OldTown + 233E-14 * MasVnrAre*Neighborhood SWISU + 233E-14 * MasVnrAre*Neighborhood Sawyer + 233E-14 * MasVnrAre*Neighborhood SawyerW + 233E-14 * MasVnrAre*Neighborhood Somerst + 233E-14 * MasVnrAre*Neighborhood StoneBr + 233E-14 * MasVnrAre*Neighborhood Timber + 132E-14 * TotalBsmt*Neighborhood Blmgtn + 131E-14 * TotalBsmt*Neighborhood BrDale + 132E-14 * TotalBsmt*Neighborhood BrkSide + 132E-14 * TotalBsmt*Neighborhood ClearCr + 132E-14 * TotalBsmt*Neighborhood CollgCr + 132E-14 * TotalBsmt*Neighborhood Crawfor + 132E-14 * TotalBsmt*Neighborhood Edwards + 132E-14 * TotalBsmt*Neighborhood Gilbert + 132E-14 * TotalBsmt*Neighborhood IDOTRR + 131E-14 * TotalBsmt*Neighborhood MeadowV + 132E-14 * TotalBsmt*Neighborhood Mitchel + 132E-14 * TotalBsmt*Neighborhood NAmes + 132E-14 * TotalBsmt*Neighborhood NPkVill + 132E-14 * TotalBsmt*Neighborhood NWAmes + 132E-14 * TotalBsmt*Neighborhood NoRidge + 132E-14 * TotalBsmt*Neighborhood NridgHt + 132E-14 * TotalBsmt*Neighborhood OldTown + 132E-14 * TotalBsmt*Neighborhood SWISU + 132E-14 * TotalBsmt*Neighborhood Sawyer + 132E-14 * TotalBsmt*Neighborhood SawyerW + 132E-14 * TotalBsmt*Neighborhood Somerst + 132E-14 * TotalBsmt*Neighborhood StoneBr + 132E-14 * TotalBsmt*Neighborhood Timber + 1.02E-9 * FullBath*Neighborhood Blmgtn + 1.02E-9 * FullBath*Neighborhood BrDale + 1.02E-9 * FullBath*Neighborhood BrkSide + 1.02E-9 * FullBath*Neighborhood ClearCr + 1.02E-9 * FullBath*Neighborhood CollgCr + 1.02E-9 * FullBath*Neighborhood Crawfor + 1.02E-9 * FullBath*Neighborhood Edwards + 1.02E-9 * FullBath*Neighborhood Gilbert + 1.02E-9 * FullBath*Neighborhood IDOTRR + 1.02E-9 * FullBath*Neighborhood MeadowV + 1.02E-9 * FullBath*Neighborhood Mitchel + 1.02E-9 * FullBath*Neighborhood NAmes + 1.02E-9 * FullBath*Neighborhood NWAmes + 1.02E-9 * FullBath*Neighborhood NoRidge + 1.02E-9 * FullBath*Neighborhood NridgHt + 1.02E-9 * FullBath*Neighborhood OldTown + 1.02E-9 * FullBath*Neighborhood SWISU + 1.02E-9 * FullBath*Neighborhood Sawyer + 1.02E-9 * FullBath*Neighborhood SawyerW + 1.02E-9 * FullBath*Neighborhood Somerst + 1.02E-9 * FullBath*Neighborhood StoneBr + 1.02E-9 * FullBath*Neighborhood Timber - 247E-12 * Fireplace*Neighborhood Blmgtn - 247E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType BrkSide 2fm =	BrDale - 247E-12 * Fireplace*Neighborhood BrkSide - 247E-12 * Fireplace*Neighborhood ClearCr - 247E-12 * Fireplace*Neighborhood CollgCr - 247E-12 * Fireplace*Neighborhood Crawfor - 247E-12 * Fireplace*Neighborhood Edwards - 248E-12 * Fireplace*Neighborhood Gilbert - 247E-12 * Fireplace*Neighborhood IDOTRR - 248E-12 * Fireplace*Neighborhood MeadowV - 247E-12 * Fireplace*Neighborhood Mitchel - 247E-12 * Fireplace*Neighborhood NAmes - 247E-12 * Fireplace*Neighborhood NPKVill - 247E-12 * Fireplace*Neighborhood NWAmes - 247E-12 * Fireplace*Neighborhood NoRidge - 248E-12 * Fireplace*Neighborhood NridgHt - 247E-12 * Fireplace*Neighborhood OldTown - 247E-12 * Fireplace*Neighborhood SWISU - 247E-12 * Fireplace*Neighborhood Sawyer - 247E-12 * Fireplace*Neighborhood SawyerW - 247E-12 * Fireplace*Neighborhood Somerst - 248E-12 * Fireplace*Neighborhood StoneBr - 248E-12 * Fireplace*Neighborhood Timber - 3.03E-9 * Neighborhood*BldgType Blmngtn 1Fa - Neighborhood*BldgType BrkSide 1Fa + 3.03E-9 * Neighborhood*BldgType CollgCr 1Fa + 3.03E-9 * Neighborhood*BldgType Crawfor 2fm + 3.03E-9 * Neighborhood*BldgType Edwards 1Fa + 3.03E-9 * Neighborhood*BldgType Edwards 2fm + 3.03E-9 * Neighborhood*BldgType IDOTRR 1Fam + 3.03E-9 * Neighborhood*BldgType IDOTRR 2fmc + 3.03E-9 * Neighborhood*BldgType Mitchel 1Fa + 3.03E-9 * Neighborhood*BldgType Mitchel 2fm + 3.03E-9 * Neighborhood*BldgType NAmes 1Fam + 3.03E-9 * Neighborhood*BldgType NWAmes 1Fam + 3.03E-9 * Neighborhood*BldgType NridgHt 1Fa + 3.03E-9 * Neighborhood*BldgType OldTown 1Fa + 3.03E-9 * Neighborhood*BldgType OldTown 2fm + 3.03E-9 * Neighborhood*BldgType Sawyer 1Fam + 3.03E-9 * Neighborhood*BldgType Sawyer 2fmc + 3.03E-9 * Neighborhood*BldgType SawyerW 1Fa + 3.03E-9 * Neighborhood*BldgType Somerst 1Fa + 3.03E-9 * Neighborhood*BldgType StoneBr 1Fa + 787E-12 * Neighborhood*HouseStyle BrkSide 1St + 789E-12 * Neighborhood*HouseStyle ClearCr 1St + 789E-12 * Neighborhood*HouseStyle CollgCr 1St + 786E-12 * Neighborhood*HouseStyle Crawfor 1St + 789E-12 * Neighborhood*HouseStyle Edwards 1St + 789E-12 * Neighborhood*HouseStyle Gilbert 1St + 787E-12 * Neighborhood*HouseStyle IDOTRR 1Sto + 786E-12 * Neighborhood*HouseStyle MeadowV 1St + 789E-12 * Neighborhood*HouseStyle Mitchel 1St + 789E-12 * Neighborhood*HouseStyle NAmes 1Stor + 793E-12 * Neighborhood*HouseStyle NPKVill 1St + 788E-12 * Neighborhood*HouseStyle NWAmes 1Sto + 786E-12 * Neighborhood*HouseStyle NoRidge 1St + 787E-12 * Neighborhood*HouseStyle NridgHt 1St + 788E-12 * Neighborhood*HouseStyle OldTown 1St + 786E-12 * Neighborhood*HouseStyle SWISU 1Stor + 789E-12 * Neighborhood*HouseStyle Sawyer 1Sto + 788E-12 * Neighborhood*HouseStyle SawyerW 1St + 787E-12 * Neighborhood*HouseStyle Somerst 1St + 787E-12 * Neighborhood*HouseStyle StoneBr 1St + 788E-12 * Neighborhood*HouseStyle Timber 1Sto - 515E-14 * GarageCars + 157E-17 * YearBuilt*Garage Cars + 218E-14 * GarageCar*Neighborhood Blmngtn + 198E-14 * GarageCar*Neighborhood BrkSide + 195E-14 * GarageCar*Neighborhood ClearCr + 144E-14 * GarageCar*Neighborhood CollgCr + 158E-14 * GarageCar*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType BrkSide 2fm =	Crawfor + 158E-14 * GarageCar*Neighborho Edwards + 192E-14 * GarageCar*Neighborho Gilbert + 178E-14 * GarageCar*Neighborho Mitchel + 166E-14 * GarageCar*Neighborho NAmes + 161E-14 * GarageCar*Neighborho NoRidge + 168E-14 * GarageCar*Neighborho NridgHt + 187E-14 * GarageCar*Neighborho OldTown + 176E-14 * GarageCar*Neighborho Sawyer + 172E-14 * GarageCar*Neighborho SawyerW + 16E-13 * GarageCar*Neighborho Somerst
Neighborhoo*BldgType BrkSide Dup =	0
Neighborhoo*BldgType BrkSide Twn =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType ClearCr 1Fa =	5.7E-8 * Intercept - 483E-12 * GrLlvArea_I + 679E-17 * LotArea - 754E-13 * OverallCond - 268E-13 * YearBuilt + 358E-15 * MasVnrArea + 202E-15 * TotalBsmtSF + 155E-12 * FullBath - 372E-13 * Fireplaces - 465E-12 * BldgType 1Fam - 464E-12 * HouseStyle 1.5Unf - 121E-12 * HouseStyle 1Story - 466E-12 * HouseStyle 2.5Fin - 464E-12 * HouseStyle 2.5Unf + 464E-12 * BldgType*HouseStyle 1Fam 1.5Unf + 465E-12 * BldgType*HouseStyle 1Fam 2.5Fin + 464E-12 * BldgType*HouseStyle 1Fam 2.5Unf - 464E-12 * BldgType*HouseStyle 2fmCon 1.5Fi - 464E-12 * BldgType*HouseStyle 2fmCon 1Stor - 464E-12 * BldgType*HouseStyle 2fmCon 2Stor - 5.65E-8 * Neighborhood Blmgtn + 2.05E-9 * Neighborhood Blueste - 5.69E-8 * Neighborhood BrDale - 5.65E-8 * Neighborhood BrkSide + 1 * Neighborhood ClearCr - 5.7E-8 * Neighborhood CollgCr - 5.7E-8 * Neighborhood Crawfor - 5.7E-8 * Neighborhood Edwards - 5.65E-8 * Neighborhood Gilbert - 5.7E-8 * Neighborhood IDOTRR - 5.7E-8 * Neighborhood MeadowV - 5.7E-8 * Neighborhood Mitchel - 5.7E-8 * Neighborhood NAmes - 5.71E-8 * Neighborhood NPkVill - 5.7E-8 * Neighborhood NWAmes - 5.65E-8 * Neighborhood NoRidge - 5.66E-8 * Neighborhood NridgHt - 5.7E-8 * Neighborhood OldTown - 5.65E-8 * Neighborhood SWISU - 5.7E-8 * Neighborhood Sawyer - 5.7E-8 * Neighborhood SawyerW - 5.7E-8 * Neighborhood Somerst - 5.7E-8 * Neighborhood StoneBr - 5.65E-8 * Neighborhood Timber + 483E-12 * GrLlvArea*Neighborhood Blmgtn - 331E-12 * GrLlvArea*Neighborhood Blueste + 482E-12 * GrLlvArea*Neighborhood BrDale + 483E-12 * GrLlvArea*Neighborhood BrkSide + 484E-12 * GrLlvArea*Neighborhood ClearCr + 483E-12 * GrLlvArea*Neighborhood CollgCr + 483E-12 * GrLlvArea*Neighborhood Crawfor + 483E-12 * GrLlvArea*Neighborhood Edwards + 483E-12 * GrLlvArea*Neighborhood Gilbert + 483E-12 * GrLlvArea*Neighborhood IDOTRR + 483E-12 * GrLlvArea*Neighborhood MeadowV + 483E-12 * GrLlvArea*Neighborhood Mitchel + 483E-12 * GrLlvArea*Neighborhood NAmes + 484E-12 * GrLlvArea*Neighborhood NPkVill + 483E-12 * GrLlvArea*Neighborhood NWAmes + 483E-12 * GrLlvArea*Neighborhood NoRidge + 483E-12 * GrLlvArea*Neighborhood NridgHt + 483E-12 * GrLlvArea*Neighborhood OldTown + 483E-12 * GrLlvArea*Neighborhood SWISU + 483E-12 * GrLlvArea*Neighborhood Sawyer + 483E-12 * GrLlvArea*Neighborhood SawyerW + 483E-12 * GrLlvArea*Neighborhood Somerst + 483E-12 * GrLlvArea*Neighborhood StoneBr + 484E-12 * GrLlvArea*Neighborhood Timber - 684E-17 * LotArea*Neighborhood Blmgtn - 68E-16 * LotArea*Neighborhood BrkSide - 68E-16 * LotArea*Neighborhood ClearCr - 68E-16 * LotArea*Neighborhood CollgCr - 68E-16 * LotArea*Neighborhood Crawfor - 68E-16 * LotArea*Neighborhood Edwards - 68E-16 * LotArea*Neighborhood Gilbert - 68E-16 * LotArea*Neighborhood IDOTRR - 683E-17 * LotArea*Neighborhood MeadowV - 68E-16 * LotArea*Neighborhood Mitchel - 68E-16 * LotArea*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType ClearCr 1Fa =	NAmes - 68E-17 * LotArea*Neighborhood NPKVill - 679E-17 * LotArea*Neighborhood NWAmes - 679E-17 * LotArea*Neighborhood NoRidge - 68E-16 * LotArea*Neighborhood NridgHt - 68E-16 * LotArea*Neighborhood OldTown - 68E-16 * LotArea*Neighborhood SWISU - 68E-16 * LotArea*Neighborhood Sawyer - 68E-16 * LotArea*Neighborhood SawyerW - 679E-17 * LotArea*Neighborhood Somerst - 68E-16 * LotArea*Neighborhood StoneBr - 68E-16 * LotArea*Neighborhood Timber + 753E-13 * OverallCo*Neighborho BrDale + 753E-13 * OverallCo*Neighborho BrkSide + 753E-13 * OverallCo*Neighborho ClearCr + 753E-13 * OverallCo*Neighborho CollgCr + 753E-13 * OverallCo*Neighborho Crawfor + 753E-13 * OverallCo*Neighborho Edwards + 753E-13 * OverallCo*Neighborho Gilbert + 753E-13 * OverallCo*Neighborho IDOTRR + 754E-13 * OverallCo*Neighborho MeadowV + 753E-13 * OverallCo*Neighborho Mitchel + 753E-13 * OverallCo*Neighborho NAmes + 754E-13 * OverallCo*Neighborho NPKVill + 753E-13 * OverallCo*Neighborho NWAmes + 753E-13 * OverallCo*Neighborho NoRidge + 753E-13 * OverallCo*Neighborho OldTown + 754E-13 * OverallCo*Neighborho SWISU + 753E-13 * OverallCo*Neighborho Sawyer + 753E-13 * OverallCo*Neighborho SawyerW + 753E-13 * OverallCo*Neighborho Somerst + 753E-13 * OverallCo*Neighborho StoneBr + 752E-13 * OverallCo*Neighborho Timber + 268E-13 * YearBuilt*Neighborho Blmgtn + 268E-13 * YearBuilt*Neighborho BrDale + 268E-13 * YearBuilt*Neighborho BrkSide + 268E-13 * YearBuilt*Neighborho ClearCr + 268E-13 * YearBuilt*Neighborho CollgCr + 268E-13 * YearBuilt*Neighborho Crawfor + 268E-13 * YearBuilt*Neighborho Edwards + 268E-13 * YearBuilt*Neighborho Gilbert + 268E-13 * YearBuilt*Neighborho IDOTRR + 268E-13 * YearBuilt*Neighborho MeadowV + 268E-13 * YearBuilt*Neighborho Mitchel + 268E-13 * YearBuilt*Neighborho NAmes + 267E-13 * YearBuilt*Neighborho NPKVill + 268E-13 * YearBuilt*Neighborho NWAmes + 268E-13 * YearBuilt*Neighborho NoRidge + 268E-13 * YearBuilt*Neighborho NridgHt + 268E-13 * YearBuilt*Neighborho OldTown + 268E-13 * YearBuilt*Neighborho SWISU + 268E-13 * YearBuilt*Neighborho Sawyer + 268E-13 * YearBuilt*Neighborho SawyerW + 268E-13 * YearBuilt*Neighborho Somerst + 268E-13 * YearBuilt*Neighborho StoneBr + 268E-13 * YearBuilt*Neighborho Timber - 358E-15 * MasVnrAre*Neighborho Blmgtn - 358E-15 * MasVnrAre*Neighborho BrDale - 358E-15 * MasVnrAre*Neighborho BrkSide - 358E-15 * MasVnrAre*Neighborho ClearCr - 358E-15 * MasVnrAre*Neighborho CollgCr - 358E-15 * MasVnrAre*Neighborho Crawfor - 358E-15 * MasVnrAre*Neighborho Edwards - 358E-15 * MasVnrAre*Neighborho Gilbert - 358E-15 * MasVnrAre*Neighborho IDOTRR - 358E-15 * MasVnrAre*Neighborho Mitchel - 358E-15 * MasVnrAre*Neighborho NAmes - 358E-15 * MasVnrAre*Neighborho NWAmes - 358E-15 * MasVnrAre*Neighborho NoRidge - 358E-15 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType ClearCr 1Fa =	NridgHt - 358E-15 * MasVnrAre*Neighborhood OldTown - 358E-15 * MasVnrAre*Neighborhood SWISU - 358E-15 * MasVnrAre*Neighborhood Sawyer - 358E-15 * MasVnrAre*Neighborhood SawyerW - 358E-15 * MasVnrAre*Neighborhood Somerst - 358E-15 * MasVnrAre*Neighborhood StoneBr - 358E-15 * MasVnrAre*Neighborhood Timber - 202E-15 * TotalBsmt*Neighborhood Blmngtn - 201E-15 * TotalBsmt*Neighborhood BrDale - 202E-15 * TotalBsmt*Neighborhood BrkSide - 202E-15 * TotalBsmt*Neighborhood ClearCr - 202E-15 * TotalBsmt*Neighborhood CollgCr - 202E-15 * TotalBsmt*Neighborhood Crawfor - 202E-15 * TotalBsmt*Neighborhood Edwards - 202E-15 * TotalBsmt*Neighborhood Gilbert - 202E-15 * TotalBsmt*Neighborhood IDOTRR - 202E-15 * TotalBsmt*Neighborhood MeadowV - 202E-15 * TotalBsmt*Neighborhood Mitchel - 202E-15 * TotalBsmt*Neighborhood NAmes - 202E-15 * TotalBsmt*Neighborhood NPKVill - 202E-15 * TotalBsmt*Neighborhood NWAmes - 202E-15 * TotalBsmt*Neighborhood NoRidge - 202E-15 * TotalBsmt*Neighborhood NridgHt - 202E-15 * TotalBsmt*Neighborhood OldTown - 202E-15 * TotalBsmt*Neighborhood SWISU - 202E-15 * TotalBsmt*Neighborhood Sawyer - 202E-15 * TotalBsmt*Neighborhood SawyerW - 202E-15 * TotalBsmt*Neighborhood Somerst - 202E-15 * TotalBsmt*Neighborhood StoneBr - 202E-15 * TotalBsmt*Neighborhood Timber - 156E-12 * FullBath*Neighborhood Blmngtn - 156E-12 * FullBath*Neighborhood BrDale - 156E-12 * FullBath*Neighborhood BrkSide - 156E-12 * FullBath*Neighborhood ClearCr - 156E-12 * FullBath*Neighborhood CollgCr - 156E-12 * FullBath*Neighborhood Crawfor - 156E-12 * FullBath*Neighborhood Edwards - 156E-12 * FullBath*Neighborhood Gilbert - 156E-12 * FullBath*Neighborhood IDOTRR - 157E-12 * FullBath*Neighborhood MeadowV - 156E-12 * FullBath*Neighborhood Mitchel - 156E-12 * FullBath*Neighborhood NAmes - 156E-12 * FullBath*Neighborhood NWAmes - 156E-12 * FullBath*Neighborhood NoRidge - 156E-12 * FullBath*Neighborhood NridgHt - 156E-12 * FullBath*Neighborhood OldTown - 156E-12 * FullBath*Neighborhood SWISU - 156E-12 * FullBath*Neighborhood Sawyer - 156E-12 * FullBath*Neighborhood SawyerW - 156E-12 * FullBath*Neighborhood Somerst - 156E-12 * FullBath*Neighborhood StoneBr - 156E-12 * FullBath*Neighborhood Timber + 378E-13 * Fireplace*Neighborhood Blmngtn + 378E-13 * Fireplace*Neighborhood BrkSide + 378E-13 * Fireplace*Neighborhood ClearCr + 378E-13 * Fireplace*Neighborhood CollgCr + 378E-13 * Fireplace*Neighborhood Crawfor + 378E-13 * Fireplace*Neighborhood Edwards + 378E-13 * Fireplace*Neighborhood Gilbert + 378E-13 * Fireplace*Neighborhood IDOTRR + 38E-12 * Fireplace*Neighborhood MeadowV + 378E-13 * Fireplace*Neighborhood Mitchel + 378E-13 * Fireplace*Neighborhood NAmes + 379E-13 * Fireplace*Neighborhood NPKVill + 378E-13 * Fireplace*Neighborhood NWAmes + 378E-13 * Fireplace*Neighborhood NoRidge + 378E-13 * Fireplace*Neighborhood NridgHt + 378E-13 * Fireplace*Neighborhood OldTown + 378E-13 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType ClearCr 1Fa =	SWISU + 378E-13 * Fireplace*Neighborhood Sawyer + 378E-13 * Fireplace*Neighborhood SawyerW + 378E-13 * Fireplace*Neighborhood Somerst + 379E-13 * Fireplace*Neighborhood StoneBr + 379E-13 * Fireplace*Neighborhood Timber + 464E-12 * Neighborhood*BldgType Blmgtn 1Fa - 465E-12 * Neighborhood*BldgType CollgCr 1Fa - 464E-12 * Neighborhood*BldgType Crawfor 1Fa - 464E-12 * Neighborhood*BldgType Edwards 2fm - 464E-12 * Neighborhood*BldgType Edwards 1Fa - 464E-12 * Neighborhood*BldgType Edwards 2fm - 464E-12 * Neighborhood*BldgType IDOTRR 1Fam - 464E-12 * Neighborhood*BldgType IDOTRR 2fmc - 464E-12 * Neighborhood*BldgType Mitchel 1Fa - 464E-12 * Neighborhood*BldgType Mitchel 2fm - 465E-12 * Neighborhood*BldgType NAmes 1Fam - 464E-12 * Neighborhood*BldgType NWAmes 1Fam - 464E-12 * Neighborhood*BldgType NridgHt 1Fa - 464E-12 * Neighborhood*BldgType OldTown 1Fa - 464E-12 * Neighborhood*BldgType OldTown 2fm - 464E-12 * Neighborhood*BldgType Sawyer 1Fam - 464E-12 * Neighborhood*BldgType Sawyer 2fmc - 464E-12 * Neighborhood*BldgType SawyerW 1Fa - 464E-12 * Neighborhood*BldgType Somerst 1Fa - 464E-12 * Neighborhood*BldgType StoneBr 1Fa - 121E-12 * Neighborhood*HouseStyle BrkSide 1St - 121E-12 * Neighborhood*HouseStyle ClearCr 1St - 121E-12 * Neighborhood*HouseStyle CollgCr 1St - 121E-12 * Neighborhood*HouseStyle Crawfor 1St - 121E-12 * Neighborhood*HouseStyle Edwards 1St - 121E-12 * Neighborhood*HouseStyle Gilbert 1St - 121E-12 * Neighborhood*HouseStyle IDOTRR 1Sto - 121E-11 * Neighborhood*HouseStyle MeadowV 1St - 121E-12 * Neighborhood*HouseStyle Mitchel 1St - 121E-12 * Neighborhood*HouseStyle NAmes 1Sto - 121E-12 * Neighborhood*HouseStyle NPkVill 1St - 121E-12 * Neighborhood*HouseStyle NWAmes 1Sto - 121E-12 * Neighborhood*HouseStyle NoRidge 1St - 121E-12 * Neighborhood*HouseStyle NridgHt 1St - 121E-12 * Neighborhood*HouseStyle OldTown 1St - 121E-12 * Neighborhood*HouseStyle SWISU 1Sto - 121E-12 * Neighborhood*HouseStyle Sawyer 1Sto - 121E-12 * Neighborhood*HouseStyle SawyerW 1St - 121E-12 * Neighborhood*HouseStyle Somerst 1St - 121E-12 * Neighborhood*HouseStyle StoneBr 1St - 121E-12 * Neighborhood*HouseStyle Timber 1Sto
Neighborhood*BldgType ClearCr 2fm =	0
Neighborhood*BldgType ClearCr Dup =	0
Neighborhood*BldgType ClearCr Twn =	0
Neighborhood*BldgType CollgCr 2fm =	0
Neighborhood*BldgType CollgCr Dup =	0
Neighborhood*BldgType CollgCr Twn =	0
Neighborhood*BldgType Crawfor Twn =	0

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Gilbert 2fm =	<pre> -5.18E-7 * Intercept + 4.41E-9 * GrLlvArea_I - 613E-16 * Lot Area + 687E-12 * OverallCond + 243E-12 * YearBuilt - 295E-21 * LotArea*YearBuilt - 329E-14 * MasVnrArea + 372E-18 * GrLlv Area*MasVnrArea - 185E-14 * TotalBsmtSF - 535E-18 * Overall Co*TotalBsmtS - 1.41E-9 * FullBath - 136E-14 * GrLlvArea_I*Full Bath + 335E-12 * Fireplaces + 777E-15 * GrLlvArea*Fireplaces + 456E-14 * LotConfig Corner - 372E-13 * LotConfig CulDSac + 563E-13 * LotConfig FR2 - 175E-13 * LotConfig FR3 - 251E-17 * YearBuilt*LotConfig Corner + 191E-16 * YearBuilt*LotConfig CulDSac - 27E-15 * YearBuilt*LotConfig FR2 + 879E-17 * YearBuilt*LotConfig FR3 + 4.22E-9 * BldgType 1Fam + 4.21E-9 * HouseStyle 1.5Unf + 1.1E-9 * HouseStyle 1Story + 4.23E-9 * HouseStyle 2.5Fin + 4.21E-9 * HouseStyle 2.5Unf + 217E-14 * HouseStyle 2Story + 71E-18 * LotArea*HouseStyle 1.5Fin + 738E-19 * LotArea*HouseStyle 1Story - 864E-18 * LotArea*HouseStyle 2.5Fin + 869E-19 * LotArea*HouseStyle 2Story - 4.21E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 4.23E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 4.21E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 4.21E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 4.21E-9 * BldgType*HouseStyle 2fmCon 1Stor + 4.21E-9 * BldgType*HouseStyle 2fmCon 2Stor + 5.13E-7 * Neighborhood Blmngtn - 1.87E-8 * Neighborhood Blueste + 5.17E-7 * Neighborhood BrDale + 5.13E-7 * Neighborhood BrkSide + 5.13E-7 * Neighborhood ClearCr + 5.18E-7 * Neighborhood CollgCr + 5.18E-7 * Neighborhood Crawfor + 5.18E-7 * Neighborhood Edwards + 1 * Neighborhood Gilbert + 5.18E-7 * Neighborhood IDOTRR + 5.18E-7 * Neighborhood MeadowV + 5.18E-7 * Neighborhood Mitchel + 5.18E-7 * Neighborhood NAmes + 5.18E-7 * Neighborhood NPKVill + 5.18E-7 * Neighborhood NWAmes + 5.14E-7 * Neighborhood NoRidge + 5.14E-7 * Neighborhood NridgHt + 5.18E-7 * Neighborhood OldTown + 5.13E-7 * Neighborhood SWISU + 5.18E-7 * Neighborhood Sawyer + 5.18E-7 * Neighborhood SawyerW + 5.18E-7 * Neighborhood Somerst + 5.18E-7 * Neighborhood StoneBr + 5.14E-7 * Neighborhood Timber - 4.41E-9 * GrLlvArea*Neighborho Blmngtn + 3.01E-9 * GrLlvArea*Neighborho Blueste - 4.4E-9 * GrLlvArea*Neighborho BrDale - 4.41E-9 * GrLlvArea*Neighborho BrkSide - 4.41E-9 * GrLlvArea*Neighborho ClearCr - 4.41E-9 * GrLlvArea*Neighborho CollgCr - 4.41E-9 * GrLlvArea*Neighborho Crawfor - 4.41E-9 * GrLlvArea*Neighborho Edwards - 4.41E-9 * GrLlvArea*Neighborho Gilbert - 4.41E-9 * GrLlvArea*Neighborho IDOTRR - 4.41E-9 * GrLlvArea*Neighborho MeadowV - 4.41E-9 * GrLlvArea*Neighborho Mitchel - 4.41E-9 * GrLlvArea*Neighborho NAmes - 4.42E-9 * GrLlvArea*Neighborho NPKVill - 4.41E-9 * GrLlvArea*Neighborho NWAmes - 4.41E-9 * GrLlvArea*Neighborho NoRidge - 4.41E-9 * GrLlvArea*Neighborho NridgHt - 4.41E-9 * GrLlvArea*Neighborho OldTown - 4.41E-9 * GrLlvArea*Neighborho SWISU - 4.41E-9 * GrLlvArea*Neighborho Sawyer - 4.41E-9 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Gilbert 2fm =	SawyerW - 4.41E-9 * GrLlvArea*Neighborhood Somerst - 4.41E-9 * GrLlvArea*Neighborhood StoneBr - 4.41E-9 * GrLlvArea*Neighborhood Timber + 619E-16 * LotArea*Neighborhood Blmngtn + 62E-15 * LotArea*Neighborhood BrDale + 619E-16 * LotArea*Neighborhood BrkSide + 618E-16 * LotArea*Neighborhood ClearCr + 619E-16 * LotArea*Neighborhood CollgCr + 618E-16 * LotArea*Neighborhood Crawfor + 618E-16 * LotArea*Neighborhood Edwards + 618E-16 * LotArea*Neighborhood Gilbert + 618E-16 * LotArea*Neighborhood IDOTRR + 626E-16 * LotArea*Neighborhood MeadowV + 618E-16 * LotArea*Neighborhood Mitchel + 618E-16 * LotArea*Neighborhood NAmes + 617E-16 * LotArea*Neighborhood NPkVill + 618E-16 * LotArea*Neighborhood NWAmes + 618E-16 * LotArea*Neighborhood NoRidge + 618E-16 * LotArea*Neighborhood NridgHt + 618E-16 * LotArea*Neighborhood OldTown + 618E-16 * LotArea*Neighborhood SWISU + 618E-16 * LotArea*Neighborhood Sawyer + 619E-16 * LotArea*Neighborhood SawyerW + 617E-16 * LotArea*Neighborhood Somerst + 618E-16 * LotArea*Neighborhood StoneBr + 618E-16 * LotArea*Neighborhood Timber - 687E-12 * OverallCo*Neighborhood BrDale - 686E-12 * OverallCo*Neighborhood BrkSide - 686E-12 * OverallCo*Neighborhood ClearCr - 687E-12 * OverallCo*Neighborhood CollgCr - 686E-12 * OverallCo*Neighborhood Crawfor - 686E-12 * OverallCo*Neighborhood Edwards - 686E-12 * OverallCo*Neighborhood Gilbert - 686E-12 * OverallCo*Neighborhood IDOTRR - 687E-12 * OverallCo*Neighborhood MeadowV - 686E-12 * OverallCo*Neighborhood Mitchel - 686E-12 * OverallCo*Neighborhood NAmes - 687E-12 * OverallCo*Neighborhood NPkVill - 686E-12 * OverallCo*Neighborhood NWAmes - 686E-12 * OverallCo*Neighborhood NoRidge - 686E-12 * OverallCo*Neighborhood OldTown - 687E-12 * OverallCo*Neighborhood SWISU - 686E-12 * OverallCo*Neighborhood Sawyer - 686E-12 * OverallCo*Neighborhood SawyerW - 686E-12 * OverallCo*Neighborhood Somerst - 686E-12 * OverallCo*Neighborhood StoneBr - 685E-12 * OverallCo*Neighborhood Timber - 243E-12 * YearBuilt*Neighborhood Blmngtn - 243E-12 * YearBuilt*Neighborhood BrDale - 243E-12 * YearBuilt*Neighborhood BrkSide - 243E-12 * YearBuilt*Neighborhood ClearCr - 243E-12 * YearBuilt*Neighborhood CollgCr - 243E-12 * YearBuilt*Neighborhood Crawfor - 243E-12 * YearBuilt*Neighborhood Edwards - 243E-12 * YearBuilt*Neighborhood Gilbert - 243E-12 * YearBuilt*Neighborhood IDOTRR - 243E-12 * YearBuilt*Neighborhood MeadowV - 243E-12 * YearBuilt*Neighborhood Mitchel - 243E-12 * YearBuilt*Neighborhood NAmes - 242E-12 * YearBuilt*Neighborhood NPkVill - 243E-12 * YearBuilt*Neighborhood NWAmes - 243E-12 * YearBuilt*Neighborhood NoRidge - 243E-12 * YearBuilt*Neighborhood NridgHt - 243E-12 * YearBuilt*Neighborhood OldTown - 243E-12 * YearBuilt*Neighborhood SWISU - 243E-12 * YearBuilt*Neighborhood Sawyer - 243E-12 * YearBuilt*Neighborhood SawyerW - 243E-12 * YearBuilt*Neighborhood Somerst - 243E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Gilbert 2fm =	StoneBr - 243E-12 * YearBuilt*Neighborhood Timber + 328E-14 * MasVnrAre*Neighborhood Blmgtn + 328E-14 * MasVnrAre*Neighborhood BrDale + 329E-14 * MasVnrAre*Neighborhood BrkSide + 328E-14 * MasVnrAre*Neighborhood ClearCr + 328E-14 * MasVnrAre*Neighborhood CollgCr + 328E-14 * MasVnrAre*Neighborhood Crawfor + 328E-14 * MasVnrAre*Neighborhood Edwards + 328E-14 * MasVnrAre*Neighborhood Gilbert + 328E-14 * MasVnrAre*Neighborhood IDOTRR + 326E-14 * MasVnrAre*Neighborhood MeadowV + 328E-14 * MasVnrAre*Neighborhood Mitchel + 328E-14 * MasVnrAre*Neighborhood NAmes + 328E-14 * MasVnrAre*Neighborhood NWAmes + 328E-14 * MasVnrAre*Neighborhood NoRidge + 328E-14 * MasVnrAre*Neighborhood NridgHt + 328E-14 * MasVnrAre*Neighborhood OldTown + 328E-14 * MasVnrAre*Neighborhood SWISU + 328E-14 * MasVnrAre*Neighborhood Sawyer + 328E-14 * MasVnrAre*Neighborhood SawyerW + 328E-14 * MasVnrAre*Neighborhood Somerst + 328E-14 * MasVnrAre*Neighborhood StoneBr + 328E-14 * MasVnrAre*Neighborhood Timber + 185E-14 * TotalBsmt*Neighborhood Blmgtn + 185E-14 * TotalBsmt*Neighborhood BrDale + 185E-14 * TotalBsmt*Neighborhood BrkSide + 185E-14 * TotalBsmt*Neighborhood ClearCr + 185E-14 * TotalBsmt*Neighborhood CollgCr + 185E-14 * TotalBsmt*Neighborhood Crawfor + 185E-14 * TotalBsmt*Neighborhood Edwards + 185E-14 * TotalBsmt*Neighborhood Gilbert + 185E-14 * TotalBsmt*Neighborhood IDOTRR + 185E-14 * TotalBsmt*Neighborhood MeadowV + 185E-14 * TotalBsmt*Neighborhood Mitchel + 185E-14 * TotalBsmt*Neighborhood NAmes + 185E-14 * TotalBsmt*Neighborhood NPKVill + 185E-14 * TotalBsmt*Neighborhood NWAmes + 185E-14 * TotalBsmt*Neighborhood NoRidge + 185E-14 * TotalBsmt*Neighborhood NridgHt + 185E-14 * TotalBsmt*Neighborhood OldTown + 185E-14 * TotalBsmt*Neighborhood SWISU + 185E-14 * TotalBsmt*Neighborhood Sawyer + 185E-14 * TotalBsmt*Neighborhood SawyerW + 185E-14 * TotalBsmt*Neighborhood Somerst + 185E-14 * TotalBsmt*Neighborhood StoneBr + 185E-14 * TotalBsmt*Neighborhood Timber + 1.42E-9 * FullBath*Neighborhood Blmgtn + 1.42E-9 * FullBath*Neighborhood BrDale + 1.42E-9 * FullBath*Neighborhood BrkSide + 1.42E-9 * FullBath*Neighborhood ClearCr + 1.42E-9 * FullBath*Neighborhood CollgCr + 1.42E-9 * FullBath*Neighborhood Crawfor + 1.42E-9 * FullBath*Neighborhood Edwards + 1.42E-9 * FullBath*Neighborhood Gilbert + 1.42E-9 * FullBath*Neighborhood IDOTRR + 1.43E-9 * FullBath*Neighborhood MeadowV + 1.42E-9 * FullBath*Neighborhood Mitchel + 1.42E-9 * FullBath*Neighborhood NAmes + 1.42E-9 * FullBath*Neighborhood NWAmes + 1.42E-9 * FullBath*Neighborhood NoRidge + 1.42E-9 * FullBath*Neighborhood NridgHt + 1.42E-9 * FullBath*Neighborhood OldTown + 1.42E-9 * FullBath*Neighborhood SWISU + 1.42E-9 * FullBath*Neighborhood Sawyer + 1.42E-9 * FullBath*Neighborhood SawyerW + 1.42E-9 * FullBath*Neighborhood Somerst + 1.42E-9 * FullBath*Neighborhood StoneBr + 1.43E-9 * FullBath*Neighborhood Timber - 34E-11 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Gilbert 2fm =	Blmngtn - 34E-11 * Fireplace*Neighborhood BrDale - 34E-11 * Fireplace*Neighborhood BrkSide - 34E-11 * Fireplace*Neighborhood ClearCr - 34E-11 * Fireplace*Neighborhood CollgCr - 34E-11 * Fireplace*Neighborhood Crawfor - 34E-11 * Fireplace*Neighborhood Edwards - 341E-12 * Fireplace*Neighborhood Gilbert - 34E-11 * Fireplace*Neighborhood IDOTRR - 341E-12 * Fireplace*Neighborhood MeadowV - 34E-11 * Fireplace*Neighborhood Mitchel - 34E-11 * Fireplace*Neighborhood NAmes - 34E-11 * Fireplace*Neighborhood NPkVill - 34E-11 * Fireplace*Neighborhood NWAmes - 34E-11 * Fireplace*Neighborhood NoRidge - 341E-12 * Fireplace*Neighborhood NridgHt - 34E-11 * Fireplace*Neighborhood OldTown - 34E-11 * Fireplace*Neighborhood SWISU - 34E-11 * Fireplace*Neighborhood Sawyer - 34E-11 * Fireplace*Neighborhood SawyerW - 34E-11 * Fireplace*Neighborhood Somerst - 341E-12 * Fireplace*Neighborhood StoneBr - 341E-12 * Fireplace*Neighborhood Timber - 4.22E-9 * Neighborhood*BldgType Blmngtn 1Fa - 4.22E-9 * Neighborhood*BldgType CollgCr 1Fa - 4.22E-9 * Neighborhood*BldgType Crawfor 1Fa - 4.21E-9 * Neighborhood*BldgType Crawfor 2fm - 4.22E-9 * Neighborhood*BldgType Edwards 1Fa - 4.21E-9 * Neighborhood*BldgType Edwards 2fm - Neighborhood*BldgType Gilbert 1Fa + 4.22E-9 * Neighborhood*BldgType IDOTRR 1Fam + 4.22E-9 * Neighborhood*BldgType IDOTRR 2fmC + 4.21E-9 * Neighborhood*BldgType Mitchel 1Fa + 4.21E-9 * Neighborhood*BldgType Mitchel 2fm + 4.22E-9 * Neighborhood*BldgType NAmes 1Fam + 4.22E-9 * Neighborhood*BldgType NWAmes 1Fam + 4.22E-9 * Neighborhood*BldgType NridgHt 1Fa + 4.22E-9 * Neighborhood*BldgType OldTown 1Fa + 4.22E-9 * Neighborhood*BldgType OldTown 2fm + 4.22E-9 * Neighborhood*BldgType Sawyer 1Fam + 4.22E-9 * Neighborhood*BldgType Sawyer 2fmC + 4.22E-9 * Neighborhood*BldgType SawyerW 1Fa + 4.22E-9 * Neighborhood*BldgType Somerst 1Fa + 4.22E-9 * Neighborhood*BldgType StoneBr 1Fa + 1.1E-9 * Neighborhood*HouseStyle BrkSide 1St + 1.1E-9 * Neighborhood*HouseStyle ClearCr 1St + 1.1E-9 * Neighborhood*HouseStyle CollgCr 1St + 202E-14 * Neighborhood*HouseStyle CollgCr 2St + 1.1E-9 * Neighborhood*HouseStyle Crawfor 1St + 1.1E-9 * Neighborhood*HouseStyle Edwards 1St + 1.1E-9 * Neighborhood*HouseStyle Gilbert 1St + 164E-14 * Neighborhood*HouseStyle Gilbert 2St + 1.1E-9 * Neighborhood*HouseStyle IDOTRR 1Sto + 1.1E-9 * Neighborhood*HouseStyle MeadowV 1St + 1.1E-9 * Neighborhood*HouseStyle Mitchel 1St + 1.1E-9 * Neighborhood*HouseStyle NAmes 1Stor + 1.11E-9 * Neighborhood*HouseStyle NPkVill 1St + 1.1E-9 * Neighborhood*HouseStyle NWAmes 1Sto + 1.1E-9 * Neighborhood*HouseStyle NoRidge 1St + 1.1E-9 * Neighborhood*HouseStyle NridgHt 1St + 1.1E-9 * Neighborhood*HouseStyle OldTown 1St + 1.1E-9 * Neighborhood*HouseStyle SWISU 1Stor + 1.1E-9 * Neighborhood*HouseStyle Sawyer 1Sto + 1.1E-9 * Neighborhood*HouseStyle SawyerW 1St + 1.1E-9 * Neighborhood*HouseStyle Somerst 1St + 1.1E-9 * Neighborhood*HouseStyle StoneBr 1St + 1.1E-9 * Neighborhood*HouseStyle Timber 1Sto - 506E-14 * GarageCars + 123E-17 * YearBuilt*Garage Cars + 417E-15 * GarageCar*HouseStyle 1Story - 375E-14 * GarageCar*HouseStyle
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType Gilbert 2fm =	2.5Fin + 22E-13 * GarageCar*Neighborho Blmngtn + 285E-14 * GarageCar*Neighborho BrDale + 257E-14 * GarageCar*Neighborho BrkSide + 249E-14 * GarageCar*Neighborho ClearCr + 176E-14 * GarageCar*Neighborho CollgCr + 194E-14 * GarageCar*Neighborho Crawfor + 195E-14 * GarageCar*Neighborho Edwards + 225E-14 * GarageCar*Neighborho Gilbert + 223E-14 * GarageCar*Neighborho IDOTRR + 223E-14 * GarageCar*Neighborho Mitchel + 206E-14 * GarageCar*Neighborho NAmes + 211E-14 * GarageCar*Neighborho NoRidge + 212E-14 * GarageCar*Neighborho NridgHt + 233E-14 * GarageCar*Neighborho OldTown + 229E-14 * GarageCar*Neighborho SWISU + 219E-14 * GarageCar*Neighborho Sawyer + 217E-14 * GarageCar*Neighborho SawyerW + 205E-14 * GarageCar*Neighborho Somerst + 119E-14 * GarageCar*Neighborho StoneBr
Neighborhoo*BldgType Gilbert Dup =	0
Neighborhoo*BldgType Gilbert Twn =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType IDOTRR Dupl =	<pre> -5.21E-7 * Intercept + 4.42E-9 * GrLlvArea_I - 616E-16 * Lot Area + 689E-12 * OverallCond + 245E-12 * YearBuilt - 359E-21 * LotArea*YearBuilt - 327E-14 * MasVnrArea + 25E-17 * GrLlv Area*MasVnrArea - 185E-14 * TotalBsmtSF - 539E-18 * Overall Co*TotalBsmtS - 1.42E-9 * FullBath - 129E-14 * GrLlvArea_I*Full Bath + 341E-12 * Fireplaces + 787E-15 * GrLlvArea*Fireplaces + 425E-14 * LotConfig Corner - 377E-13 * LotConfig CulDSac + 554E-13 * LotConfig FR2 - 179E-13 * LotConfig FR3 - 235E-17 * YearBuilt*LotConfig Corner + 193E-16 * YearBuilt*LotConfig CulDSac - 266E-16 * YearBuilt*LotConfig FR2 + 903E-17 * YearBuilt*LotConfig FR3 + 4.25E-9 * BldgType 1Fam - 744E-14 * BldgType Twnhs + 145E-14 * HouseStyle 1.5Fin + 4.25E-9 * HouseStyle 1.5Unf + 1.11E-9 * HouseStyle 1Story + 4.26E-9 * HouseStyle 2.5Fin + 4.25E-9 * HouseStyle 2.5Unf + 328E-14 * HouseStyle 2Story + 911E-19 * LotArea*HouseStyle 1.5Fin + 938E-19 * LotArea*HouseStyle 1Story - 829E-18 * LotArea*HouseStyle 2.5Fin + 106E-18 * LotArea*HouseStyle 2Story - 103E-14 * BldgType*HouseStyle 1Fam 1.5Fin - 4.25E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 609E-15 * BldgType*HouseStyle 1Fam 1Story - 4.26E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 4.25E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 4.25E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 4.25E-9 * BldgType*HouseStyle 2fmCon 1Stor + 4.25E-9 * BldgType*HouseStyle 2fmCon 2Stor + 695E-14 * BldgType*HouseStyle Twnhs 1Story + 67E-13 * BldgType*HouseStyle Twnhs 2Story + 5.16E-7 * Neighborhood Blmngtn - 1.88E-8 * Neighborhood Blueste + 5.21E-7 * Neighborhood BrDale + 5.17E-7 * Neighborhood BrkSide + 5.17E-7 * Neighborhood ClearCr + 5.21E-7 * Neighborhood CollgCr + 5.21E-7 * Neighborhood Crawfor + 5.21E-7 * Neighborhood Edwards + 5.17E-7 * Neighborhood Gilbert + 1 * Neighborhood IDOTRR + 5.21E-7 * Neighborhood MeadowV + 5.21E-7 * Neighborhood Mitchel + 5.21E-7 * Neighborhood NAmes + 5.22E-7 * Neighborhood NPkVill + 5.21E-7 * Neighborhood NWAmes + 5.17E-7 * Neighborhood NoRidge + 5.18E-7 * Neighborhood NridgHt + 5.21E-7 * Neighborhood OldTown + 5.17E-7 * Neighborhood SWISU + 5.21E-7 * Neighborhood Sawyer + 5.21E-7 * Neighborhood SawyerW + 5.21E-7 * Neighborhood Somerst + 5.21E-7 * Neighborhood StoneBr + 5.17E-7 * Neighborhood Timber - 4.42E-9 * GrLlvArea*Neighborho Blmngtn + 3.02E-9 * GrLlvArea*Neighborho Blueste - 4.42E-9 * GrLlvArea*Neighborho BrDale - 4.42E-9 * GrLlvArea*Neighborho BrkSide - 4.42E-9 * GrLlvArea*Neighborho ClearCr - 4.42E-9 * GrLlvArea*Neighborho CollgCr - 4.42E-9 * GrLlvArea*Neighborho Crawfor - 4.41E-9 * GrLlvArea*Neighborho Edwards - 4.41E-9 * GrLlvArea*Neighborho Gilbert - 4.42E-9 * GrLlvArea*Neighborho IDOTRR - 4.41E-9 * GrLlvArea*Neighborho MeadowV - 4.42E-9 * GrLlvArea*Neighborho Mitchel - 4.42E-9 * GrLlvArea*Neighborho NAmes - 4.43E-9 * GrLlvArea*Neighborho NPkVill - 4.41E-9 * GrLlvArea*Neighborho NWAmes - 4.41E-9 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType IDOTRR Dupl =	NoRidge - 4.42E-9 * GrLlvArea*Neighborhood NridgHt - 4.42E-9 * GrLlvArea*Neighborhood OldTown - 4.41E-9 * GrLlvArea*Neighborhood SWISU - 4.41E-9 * GrLlvArea*Neighborhood Sawyer - 4.41E-9 * GrLlvArea*Neighborhood SawyerW - 4.41E-9 * GrLlvArea*Neighborhood Somerst - 4.42E-9 * GrLlvArea*Neighborhood StoneBr - 4.42E-9 * GrLlvArea*Neighborhood Timber + 623E-16 * LotArea*Neighborhood Blmgtn + 621E-16 * LotArea*Neighborhood BrDale + 622E-16 * LotArea*Neighborhood BrkSide + 622E-16 * LotArea*Neighborhood ClearCr + 622E-16 * LotArea*Neighborhood CollgCr + 621E-16 * LotArea*Neighborhood Crawfor + 621E-16 * LotArea*Neighborhood Edwards + 621E-16 * LotArea*Neighborhood Gilbert + 622E-16 * LotArea*Neighborhood IDOTRR + 614E-16 * LotArea*Neighborhood MeadowV + 621E-16 * LotArea*Neighborhood Mitchel + 622E-16 * LotArea*Neighborhood NAmes + 622E-16 * LotArea*Neighborhood NPkVill + 621E-16 * LotArea*Neighborhood NWAmes + 621E-16 * LotArea*Neighborhood NoRidge + 622E-16 * LotArea*Neighborhood NridgHt + 621E-16 * LotArea*Neighborhood OldTown + 621E-16 * LotArea*Neighborhood SWISU + 621E-16 * LotArea*Neighborhood Sawyer + 622E-16 * LotArea*Neighborhood SawyerW + 62E-15 * LotArea*Neighborhood Somerst + 622E-16 * LotArea*Neighborhood StoneBr + 622E-16 * LotArea*Neighborhood Timber - 689E-12 * OverallCo*Neighborhood BrDale - 689E-12 * OverallCo*Neighborhood BrkSide - 689E-12 * OverallCo*Neighborhood ClearCr - 689E-12 * OverallCo*Neighborhood CollgCr - 688E-12 * OverallCo*Neighborhood Crawfor - 689E-12 * OverallCo*Neighborhood Edwards - 689E-12 * OverallCo*Neighborhood Gilbert - 689E-12 * OverallCo*Neighborhood IDOTRR - 689E-12 * OverallCo*Neighborhood MeadowV - 689E-12 * OverallCo*Neighborhood Mitchel - 689E-12 * OverallCo*Neighborhood NAmes - 689E-12 * OverallCo*Neighborhood NPkVill - 689E-12 * OverallCo*Neighborhood NWAmes - 688E-12 * OverallCo*Neighborhood NoRidge - 689E-12 * OverallCo*Neighborhood OldTown - 689E-12 * OverallCo*Neighborhood SWISU - 689E-12 * OverallCo*Neighborhood Sawyer - 689E-12 * OverallCo*Neighborhood SawyerW - 688E-12 * OverallCo*Neighborhood Somerst - 688E-12 * OverallCo*Neighborhood StoneBr - 687E-12 * OverallCo*Neighborhood Timber - 245E-12 * YearBuilt*Neighborhood Blmgtn - 245E-12 * YearBuilt*Neighborhood BrDale - 245E-12 * YearBuilt*Neighborhood BrkSide - 245E-12 * YearBuilt*Neighborhood ClearCr - 245E-12 * YearBuilt*Neighborhood CollgCr - 245E-12 * YearBuilt*Neighborhood Crawfor - 245E-12 * YearBuilt*Neighborhood Edwards - 245E-12 * YearBuilt*Neighborhood Gilbert - 245E-12 * YearBuilt*Neighborhood IDOTRR - 245E-12 * YearBuilt*Neighborhood MeadowV - 245E-12 * YearBuilt*Neighborhood Mitchel - 245E-12 * YearBuilt*Neighborhood NAmes - 244E-12 * YearBuilt*Neighborhood NPkVill - 245E-12 * YearBuilt*Neighborhood NWAmes - 245E-12 * YearBuilt*Neighborhood NoRidge - 245E-12 * YearBuilt*Neighborhood NridgHt - 245E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType IDOTRR Dupl =	<pre> OldTown - 245E-12 * YearBuilt*Neighborhood SWISU - 245E-12 * YearBuilt*Neighborhood Sawyer - 245E-12 * YearBuilt*Neighborhood SawyerW - 245E-12 * YearBuilt*Neighborhood Somerset - 245E-12 * YearBuilt*Neighborhood StoneBr - 245E-12 * YearBuilt*Neighborhood Timber + 327E-14 * MasVnrAre*Neighborhood Blmngtn + 327E-14 * MasVnrAre*Neighborhood BrDale + 327E-14 * MasVnrAre*Neighborhood BrkSide + 327E-14 * MasVnrAre*Neighborhood ClearCr + 327E-14 * MasVnrAre*Neighborhood CollgCr + 327E-14 * MasVnrAre*Neighborhood Crawfor + 327E-14 * MasVnrAre*Neighborhood Edwards + 326E-14 * MasVnrAre*Neighborhood Gilbert + 327E-14 * MasVnrAre*Neighborhood IDOTRR + 323E-14 * MasVnrAre*Neighborhood MeadowV + 327E-14 * MasVnrAre*Neighborhood Mitchel + 327E-14 * MasVnrAre*Neighborhood NAmes + 327E-14 * MasVnrAre*Neighborhood NWAmes + 327E-14 * MasVnrAre*Neighborhood NoRidge + 327E-14 * MasVnrAre*Neighborhood NridgHt + 327E-14 * MasVnrAre*Neighborhood OldTown + 327E-14 * MasVnrAre*Neighborhood SWISU + 327E-14 * MasVnrAre*Neighborhood Sawyer + 327E-14 * MasVnrAre*Neighborhood SawyerW + 327E-14 * MasVnrAre*Neighborhood Somerset + 326E-14 * MasVnrAre*Neighborhood StoneBr + 326E-14 * MasVnrAre*Neighborhood Timber + 185E-14 * TotalBsmt*Neighborhood Blmngtn + 185E-14 * TotalBsmt*Neighborhood BrDale + 185E-14 * TotalBsmt*Neighborhood BrkSide + 185E-14 * TotalBsmt*Neighborhood ClearCr + 185E-14 * TotalBsmt*Neighborhood CollgCr + 185E-14 * TotalBsmt*Neighborhood Crawfor + 185E-14 * TotalBsmt*Neighborhood Edwards + 185E-14 * TotalBsmt*Neighborhood Gilbert + 185E-14 * TotalBsmt*Neighborhood IDOTRR + 184E-14 * TotalBsmt*Neighborhood MeadowV + 185E-14 * TotalBsmt*Neighborhood Mitchel + 185E-14 * TotalBsmt*Neighborhood NAmes + 185E-14 * TotalBsmt*Neighborhood NPKVill + 185E-14 * TotalBsmt*Neighborhood NWAmes + 185E-14 * TotalBsmt*Neighborhood NoRidge + 185E-14 * TotalBsmt*Neighborhood NridgHt + 185E-14 * TotalBsmt*Neighborhood OldTown + 185E-14 * TotalBsmt*Neighborhood SWISU + 185E-14 * TotalBsmt*Neighborhood Sawyer + 185E-14 * TotalBsmt*Neighborhood SawyerW + 185E-14 * TotalBsmt*Neighborhood Somerset + 185E-14 * TotalBsmt*Neighborhood StoneBr + 185E-14 * TotalBsmt*Neighborhood Timber + 1.43E-9 * FullBath*Neighborhood Blmngtn + 1.43E-9 * FullBath*Neighborhood BrDale + 1.43E-9 * FullBath*Neighborhood BrkSide + 1.43E-9 * FullBath*Neighborhood ClearCr + 1.43E-9 * FullBath*Neighborhood CollgCr + 1.43E-9 * FullBath*Neighborhood Crawfor + 1.43E-9 * FullBath*Neighborhood Edwards + 1.43E-9 * FullBath*Neighborhood Gilbert + 1.43E-9 * FullBath*Neighborhood IDOTRR + 1.43E-9 * FullBath*Neighborhood MeadowV + 1.43E-9 * FullBath*Neighborhood Mitchel + 1.43E-9 * FullBath*Neighborhood NAmes + 1.43E-9 * FullBath*Neighborhood NWAmes + 1.43E-9 * FullBath*Neighborhood NoRidge + 1.43E-9 * FullBath*Neighborhood NridgHt + 1.43E-9 * FullBath*Neighborhood OldTown + 1.43E-9 * FullBath*Neighborhood SWISU + 1.43E-9 * FullBath*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType IDOTRR Dupl =	Sawyer + 1.43E-9 * FullBath*Neighborhood SawyerW + 1.43E-9 * FullBath*Neighborhood Somerst + 1.43E-9 * FullBath*Neighborhood StoneBr + 1.43E-9 * FullBath*Neighborhood Timber - 346E-12 * Fireplace*Neighborhood Blmngtn - 346E-12 * Fireplace*Neighborhood BrkSide - 346E-12 * Fireplace*Neighborhood BrkSide - 346E-12 * Fireplace*Neighborhood ClearCr - 346E-12 * Fireplace*Neighborhood CollgCr - 346E-12 * Fireplace*Neighborhood Crawfor - 346E-12 * Fireplace*Neighborhood Edwards - 347E-12 * Fireplace*Neighborhood Gilbert - 346E-12 * Fireplace*Neighborhood IDOTRR - 35E-11 * Fireplace*Neighborhood MeadowV - 346E-12 * Fireplace*Neighborhood Mitchel - 346E-12 * Fireplace*Neighborhood NAmes - 347E-12 * Fireplace*Neighborhood NPkVill - 346E-12 * Fireplace*Neighborhood NWAmes - 347E-12 * Fireplace*Neighborhood NoRidge - 347E-12 * Fireplace*Neighborhood NridgHt - 346E-12 * Fireplace*Neighborhood OldTown - 346E-12 * Fireplace*Neighborhood SWISU - 346E-12 * Fireplace*Neighborhood Sawyer - 346E-12 * Fireplace*Neighborhood SawyerW - 346E-12 * Fireplace*Neighborhood Somerst - 347E-12 * Fireplace*Neighborhood StoneBr - 347E-12 * Fireplace*Neighborhood Timber - 4.25E-9 * Neighborhood*BldgType Blmngtn 1Fa - 4.25E-9 * Neighborhood*BldgType CollgCr 1Fa - 4.25E-9 * Neighborhood*BldgType Crawfor 1Fa - 4.25E-9 * Neighborhood*BldgType Crawfor 2fm - 4.25E-9 * Neighborhood*BldgType Edwards 1Fa - 4.25E-9 * Neighborhood*BldgType Edwards 2fm - 1 * Neighborhood*BldgType IDOTRR 1Fam - 1 * Neighborhood*BldgType IDOTRR 2fmc + 4.25E-9 * Neighborhood*BldgType Mitchel 1Fa + 4.25E-9 * Neighborhood*BldgType Mitchel 2fm + 4.25E-9 * Neighborhood*BldgType NAmes 1Fam + 4.25E-9 * Neighborhood*BldgType NWAmes 1Fam + 4.25E-9 * Neighborhood*BldgType NridgHt 1Fa + 4.25E-9 * Neighborhood*BldgType OldTown 1Fa + 4.25E-9 * Neighborhood*BldgType OldTown 2fm + 4.25E-9 * Neighborhood*BldgType Sawyer 1Fam + 4.25E-9 * Neighborhood*BldgType Sawyer 2fmc + 4.25E-9 * Neighborhood*BldgType SawyerW 1Fa + 4.25E-9 * Neighborhood*BldgType Somerst 1Fa + 4.25E-9 * Neighborhood*BldgType StoneBr 1Fa + 1.1E-9 * Neighborhood*HouseStyle BrkSide 1St + 1.11E-9 * Neighborhood*HouseStyle ClearCr 1St + 1.11E-9 * Neighborhood*HouseStyle CollgCr 1St + 292E-14 * Neighborhood*HouseStyle CollgCr 2St + 1.1E-9 * Neighborhood*HouseStyle Crawfor 1St + 1.11E-9 * Neighborhood*HouseStyle Edwards 1St + 304E-14 * Neighborhood*HouseStyle Edwards 2St + 1.11E-9 * Neighborhood*HouseStyle Gilbert 1St + 254E-14 * Neighborhood*HouseStyle Gilbert 2St + 1.1E-9 * Neighborhood*HouseStyle IDOTRR 1Sto + 1.1E-9 * Neighborhood*HouseStyle MeadowV 1St + 615E-14 * Neighborhood*HouseStyle MeadowV 2St + 1.11E-9 * Neighborhood*HouseStyle Mitchel 1St + 1.11E-9 * Neighborhood*HouseStyle NAmes 1Stor + 3E-12 * Neighborhood*HouseStyle NAmes 2Stor + 1.11E-9 * Neighborhood*HouseStyle NPkVill 1St + 1.11E-9 * Neighborhood*HouseStyle NWAmes 1Sto + 282E-14 * Neighborhood*HouseStyle NWAmes 2Sto + 1.1E-9 * Neighborhood*HouseStyle NoRidge 1St + 1.1E-9 * Neighborhood*HouseStyle NridgHt 1St + 1.11E-9 * Neighborhood*HouseStyle OldTown 1St + 268E-14 * Neighborhood*HouseStyle OldTown
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType IDOTRR Dupl =	2St + 1.1E-9 * Neighborhood*HouseStyle SWISU 1Stor + 1.11E-9 * Neighborhood*HouseStyle Sawyer 1Sto + 1.11E-9 * Neighborhood*HouseStyle SawyerW 1St + 27E-13 * Neighborhood*HouseStyle SawyerW 2St + 1.1E-9 * Neighborhood*HouseStyle Somerst 1St + 1.1E-9 * Neighborhood*HouseStyle StoneBr 1St + 1.11E-9 * Neighborhood*HouseStyle Timber 1Sto - 752E-14 * GarageCars + 237E-17 * YearBuilt*Garage Cars + 471E-15 * GarageCar*HouseStyle 1Story - 35E-13 * GarageCar*HouseStyle 2.5Fin + 369E-15 * GarageCar*HouseStyle 2Story + 245E-14 * GarageCar*Neighborhood Blmgtn + 246E-14 * GarageCar*Neighborhood BrDale + 285E-14 * GarageCar*Neighborhood BrkSide + 274E-14 * GarageCar*Neighborhood ClearCr + 199E-14 * GarageCar*Neighborhood CollgCr + 221E-14 * GarageCar*Neighborhood Crawfor + 222E-14 * GarageCar*Neighborhood Edwards + 266E-14 * GarageCar*Neighborhood Gilbert + 252E-14 * GarageCar*Neighborhood IDOTRR + 244E-14 * GarageCar*Neighborhood MeadowV + 247E-14 * GarageCar*Neighborhood Mitchel + 231E-14 * GarageCar*Neighborhood NAmes + 223E-14 * GarageCar*Neighborhood NoRidge + 233E-14 * GarageCar*Neighborhood NridgHt + 262E-14 * GarageCar*Neighborhood OldTown + 255E-14 * GarageCar*Neighborhood SWISU + 245E-14 * GarageCar*Neighborhood Sawyer + 238E-14 * GarageCar*Neighborhood SawyerW + 223E-14 * GarageCar*Neighborhood Somerst + 143E-14 * GarageCar*Neighborhood StoneBr
Neighborhood*BldgType IDOTRR Twnh =	0
Neighborhood*BldgType MeadowV 1Fa =	0
Neighborhood*BldgType MeadowV 2fm =	0
Neighborhood*BldgType MeadowV Dup =	0

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType NAmes 2fmCo =	5.94E-8 * Intercept - 504E-12 * GrLlvArea_I + 704E-17 * LotArea - 786E-13 * OverallCond - 279E-13 * YearBuilt + 338E-22 * LotArea*YearBuilt + 373E-15 * MasVnrArea + 211E-15 * TotalBsmtSF + 162E-12 * FullBath + 15E-14 * GrLlvArea_I*FullBath - 389E-13 * Fireplaces - 917E-16 * GrLlvArea*Fireplaces + 466E-14 * LotConfig CulDSac - 62E-13 * LotConfig FR2 - 239E-17 * YearBuilt*LotConfig CulDSac + 297E-17 * YearBuilt*LotConfig FR2 - 485E-12 * BldgType 1Fam + BldgType 2fmCon + 347E-14 * BldgType Twnhs - 1 * HouseStyle 1.5Unf - 126E-12 * HouseStyle 1Story - 1 * HouseStyle 2.5Fin - 1 * HouseStyle 2.5Unf + 1 * BldgType*HouseStyle 1Fam 1.5Unf + 1 * BldgType*HouseStyle 1Fam 2.5Fin + 1 * BldgType*HouseStyle 1Fam 2.5Unf - 1 * BldgType*HouseStyle 2fmCon 1.5Fi - 1 * BldgType*HouseStyle 2fmCon 1Stor - 1 * BldgType*HouseStyle 2fmCon 2Stor - 35E-13 * BldgType*HouseStyle Twnhs 2Story - 5.9E-8 * Neighborhood Blmgtn + 2.14E-9 * Neighborhood Blueste - 5.96E-8 * Neighborhood BrDale - 5.9E-8 * Neighborhood BrkSide - 5.9E-8 * Neighborhood ClearCr - 5.94E-8 * Neighborhood CollgCr - 5.94E-8 * Neighborhood Crawfor - 5.94E-8 * Neighborhood Edwards - 5.9E-8 * Neighborhood Gilbert - 5.94E-8 * Neighborhood IDOTRR - 5.92E-8 * Neighborhood MeadowV - 5.94E-8 * Neighborhood Mitchel - 5.94E-8 * Neighborhood NAmes - 5.95E-8 * Neighborhood NPkVill - 5.94E-8 * Neighborhood NWAmes - 5.9E-8 * Neighborhood NoRidge - 5.91E-8 * Neighborhood NridgHt - 5.94E-8 * Neighborhood OldTown - 5.9E-8 * Neighborhood SWISU - 5.94E-8 * Neighborhood Sawyer - 5.94E-8 * Neighborhood SawyerW - 5.94E-8 * Neighborhood Somerst - 5.94E-8 * Neighborhood StoneBr - 5.9E-8 * Neighborhood Timber + 504E-12 * GrLlvArea*Neighborhood Blmgtn - 345E-12 * GrLlvArea*Neighborhood Blueste + 507E-12 * GrLlvArea*Neighborhood BrDale + 504E-12 * GrLlvArea*Neighborhood BrkSide + 504E-12 * GrLlvArea*Neighborhood ClearCr + 504E-12 * GrLlvArea*Neighborhood CollgCr + 504E-12 * GrLlvArea*Neighborhood Crawfor + 504E-12 * GrLlvArea*Neighborhood Edwards + 504E-12 * GrLlvArea*Neighborhood Gilbert + 504E-12 * GrLlvArea*Neighborhood IDOTRR + 5E-10 * GrLlvArea*Neighborhood MeadowV + 504E-12 * GrLlvArea*Neighborhood Mitchel + 504E-12 * GrLlvArea*Neighborhood NAmes + 505E-12 * GrLlvArea*Neighborhood NPkVill + 504E-12 * GrLlvArea*Neighborhood NWAmes + 504E-12 * GrLlvArea*Neighborhood NoRidge + 504E-12 * GrLlvArea*Neighborhood NridgHt + 504E-12 * GrLlvArea*Neighborhood OldTown + 504E-12 * GrLlvArea*Neighborhood SWISU + 504E-12 * GrLlvArea*Neighborhood Sawyer + 504E-12 * GrLlvArea*Neighborhood SawyerW + 504E-12 * GrLlvArea*Neighborhood Somerst + 504E-12 * GrLlvArea*Neighborhood StoneBr + 504E-12 * GrLlvArea*Neighborhood Timber - 692E-17 * LotArea*Neighborhood Blmgtn - 703E-17 * LotArea*Neighborhood BrDale - 709E-17 * LotArea*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType NAmes 2fmCo =	BrkSide - 709E-17 * LotArea*Neighborhood ClearCr - 71E-16 * LotArea*Neighborhood CollgCr - 709E-17 * LotArea*Neighborhood Crawfor - 709E-17 * LotArea*Neighborhood Edwards - 709E-17 * LotArea*Neighborhood Gilbert - 709E-17 * LotArea*Neighborhood IDOTRR - 629E-17 * LotArea*Neighborhood MeadowV - 709E-17 * LotArea*Neighborhood Mitchel - 709E-17 * LotArea*Neighborhood NAmes - 714E-17 * LotArea*Neighborhood NPkVill - 708E-17 * LotArea*Neighborhood NWAmes - 709E-17 * LotArea*Neighborhood NoRidge - 709E-17 * LotArea*Neighborhood NridgHt - 709E-17 * LotArea*Neighborhood OldTown - 709E-17 * LotArea*Neighborhood SWISU - 709E-17 * LotArea*Neighborhood Sawyer - 71E-16 * LotArea*Neighborhood SawyerW - 708E-17 * LotArea*Neighborhood Somerst - 709E-17 * LotArea*Neighborhood StoneBr - 709E-17 * LotArea*Neighborhood Timber + 786E-13 * OverallCo*Neighborho BrDale + 786E-13 * OverallCo*Neighborho BrkSide + 786E-13 * OverallCo*Neighborho ClearCr + 786E-13 * OverallCo*Neighborho CollgCr + 785E-13 * OverallCo*Neighborho Crawfor + 786E-13 * OverallCo*Neighborho Edwards + 786E-13 * OverallCo*Neighborho Gilbert + 786E-13 * OverallCo*Neighborho IDOTRR + 787E-13 * OverallCo*Neighborho MeadowV + 786E-13 * OverallCo*Neighborho Mitchel + 786E-13 * OverallCo*Neighborho NAmes + 786E-13 * OverallCo*Neighborho NPkVill + 786E-13 * OverallCo*Neighborho NWAmes + 785E-13 * OverallCo*Neighborho NoRidge + 786E-13 * OverallCo*Neighborho OldTown + 786E-13 * OverallCo*Neighborho SWISU + 786E-13 * OverallCo*Neighborho Sawyer + 786E-13 * OverallCo*Neighborho SawyerW + 785E-13 * OverallCo*Neighborho Somerst + 785E-13 * OverallCo*Neighborho StoneBr + 784E-13 * OverallCo*Neighborho Timber + 28E-12 * YearBuilt*Neighborho Blmngtn + 28E-12 * YearBuilt*Neighborho BrDale + 279E-13 * YearBuilt*Neighborho BrkSide + 279E-13 * YearBuilt*Neighborho ClearCr + 279E-13 * YearBuilt*Neighborho CollgCr + 279E-13 * YearBuilt*Neighborho Crawfor + 279E-13 * YearBuilt*Neighborho Edwards + 279E-13 * YearBuilt*Neighborho Gilbert + 279E-13 * YearBuilt*Neighborho IDOTRR + 278E-13 * YearBuilt*Neighborho MeadowV + 279E-13 * YearBuilt*Neighborho Mitchel + 279E-13 * YearBuilt*Neighborho NAmes + 278E-13 * YearBuilt*Neighborho NPkVill + 279E-13 * YearBuilt*Neighborho NWAmes + 28E-12 * YearBuilt*Neighborho NoRidge + 279E-13 * YearBuilt*Neighborho NridgHt + 279E-13 * YearBuilt*Neighborho OldTown + 279E-13 * YearBuilt*Neighborho SWISU + 279E-13 * YearBuilt*Neighborho Sawyer + 279E-13 * YearBuilt*Neighborho SawyerW + 279E-13 * YearBuilt*Neighborho Somerst + 279E-13 * YearBuilt*Neighborho StoneBr + 28E-12 * YearBuilt*Neighborho Timber - 373E-15 * MasVnrAre*Neighborho Blmngtn - 373E-15 * MasVnrAre*Neighborho BrDale - 373E-15 * MasVnrAre*Neighborho BrkSide - 373E-15 * MasVnrAre*Neighborho ClearCr - 373E-15 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType NAmes 2fmCo =	CollgCr - 373E-15 * MasVnrAre*Neighborhood Crawfor - 373E-15 * MasVnrAre*Neighborhood Edwards - 373E-15 * MasVnrAre*Neighborhood Gilbert - 373E-15 * MasVnrAre*Neighborhood IDOTRR - 364E-15 * MasVnrAre*Neighborhood MeadowV - 373E-15 * MasVnrAre*Neighborhood Mitchel - 373E-15 * MasVnrAre*Neighborhood NAmes - 373E-15 * MasVnrAre*Neighborhood NWAmes - 373E-15 * MasVnrAre*Neighborhood NoRidge - 373E-15 * MasVnrAre*Neighborhood NridgHt - 373E-15 * MasVnrAre*Neighborhood OldTown - 373E-15 * MasVnrAre*Neighborhood SWISU - 373E-15 * MasVnrAre*Neighborhood Sawyer - 373E-15 * MasVnrAre*Neighborhood SawyerW - 373E-15 * MasVnrAre*Neighborhood Somerst - 373E-15 * MasVnrAre*Neighborhood StoneBr - 373E-15 * MasVnrAre*Neighborhood Timber - 211E-15 * TotalBsmt*Neighborhood Blmgtn - 215E-15 * TotalBsmt*Neighborhood BrDale - 211E-15 * TotalBsmt*Neighborhood BrkSide - 211E-15 * TotalBsmt*Neighborhood ClearCr - 211E-15 * TotalBsmt*Neighborhood CollgCr - 211E-15 * TotalBsmt*Neighborhood Crawfor - 211E-15 * TotalBsmt*Neighborhood Edwards - 211E-15 * TotalBsmt*Neighborhood Gilbert - 211E-15 * TotalBsmt*Neighborhood IDOTRR - 206E-15 * TotalBsmt*Neighborhood MeadowV - 211E-15 * TotalBsmt*Neighborhood Mitchel - 211E-15 * TotalBsmt*Neighborhood NAmes - 211E-15 * TotalBsmt*Neighborhood NPKVIII - 211E-15 * TotalBsmt*Neighborhood NWAmes - 211E-15 * TotalBsmt*Neighborhood NoRidge - 211E-15 * TotalBsmt*Neighborhood NridgHt - 211E-15 * TotalBsmt*Neighborhood OldTown - 211E-15 * TotalBsmt*Neighborhood SWISU - 211E-15 * TotalBsmt*Neighborhood Sawyer - 211E-15 * TotalBsmt*Neighborhood SawyerW - 211E-15 * TotalBsmt*Neighborhood Somerst - 211E-15 * TotalBsmt*Neighborhood StoneBr - 211E-15 * TotalBsmt*Neighborhood Timber - 163E-12 * FullBath*Neighborhood Blmgtn - 163E-12 * FullBath*Neighborhood BrDale - 163E-12 * FullBath*Neighborhood BrkSide - 163E-12 * FullBath*Neighborhood ClearCr - 163E-12 * FullBath*Neighborhood CollgCr - 163E-12 * FullBath*Neighborhood Crawfor - 163E-12 * FullBath*Neighborhood Edwards - 163E-12 * FullBath*Neighborhood Gilbert - 163E-12 * FullBath*Neighborhood IDOTRR - 165E-12 * FullBath*Neighborhood MeadowV - 163E-12 * FullBath*Neighborhood Mitchel - 163E-12 * FullBath*Neighborhood NAmes - 163E-12 * FullBath*Neighborhood NWAmes - 163E-12 * FullBath*Neighborhood NoRidge - 163E-12 * FullBath*Neighborhood NridgHt - 163E-12 * FullBath*Neighborhood OldTown - 163E-12 * FullBath*Neighborhood SWISU - 163E-12 * FullBath*Neighborhood Sawyer - 163E-12 * FullBath*Neighborhood SawyerW - 163E-12 * FullBath*Neighborhood Somerst - 163E-12 * FullBath*Neighborhood StoneBr - 163E-12 * FullBath*Neighborhood Timber + 395E-13 * Fireplace*Neighborhood Blmgtn + 395E-13 * Fireplace*Neighborhood BrDale + 394E-13 * Fireplace*Neighborhood BrkSide + 395E-13 * Fireplace*Neighborhood ClearCr + 395E-13 * Fireplace*Neighborhood CollgCr + 395E-13 * Fireplace*Neighborhood Crawfor + 395E-13 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborho*BldgType NAmes 2fmCo =	Edwards + 395E-13 * Fireplace*Neighborho Gilbert + 395E-13 * Fireplace*Neighborho IDOTRR + 413E-13 * Fireplace*Neighborho MeadowV + 395E-13 * Fireplace*Neighborho Mitchel + 395E-13 * Fireplace*Neighborho NAmes + 396E-13 * Fireplace*Neighborho NPkVill + 395E-13 * Fireplace*Neighborho NWAmes + 395E-13 * Fireplace*Neighborho NoRidge + 395E-13 * Fireplace*Neighborho NridgHt + 395E-13 * Fireplace*Neighborho OldTown + 395E-13 * Fireplace*Neighborho SWISU + 395E-13 * Fireplace*Neighborho Sawyer + 395E-13 * Fireplace*Neighborho SawyerW + 395E-13 * Fireplace*Neighborho Somerst + 396E-13 * Fireplace*Neighborho StoneBr + 396E-13 * Fireplace*Neighborho Timber + 485E-12 * Neighborhoo*BldgType Blmgtn 1Fa + 485E-12 * Neighborhoo*BldgType CollCr 1Fa + 485E-12 * Neighborhoo*BldgType Crawfor 1Fa + 485E-12 * Neighborhoo*BldgType Crawfor 2fm + 485E-12 * Neighborhoo*BldgType Edwards 1Fa + 485E-12 * Neighborhoo*BldgType Edwards 2fm + 485E-12 * Neighborhoo*BldgType IDOTRR 1Fam + 485E-12 * Neighborhoo*BldgType IDOTRR 2fmc + 484E-12 * Neighborhoo*BldgType Mitchel 1Fa + 484E-12 * Neighborhoo*BldgType Mitchel 2fm + 485E-12 * Neighborhoo*BldgType NAmes 1Fam - 485E-12 * Neighborhoo*BldgType NWAmes 1Fam - 485E-12 * Neighborhoo*BldgType NridgHt 1Fa - 485E-12 * Neighborhoo*BldgType OldTown 1Fa - 485E-12 * Neighborhoo*BldgType OldTown 2fm - 485E-12 * Neighborhoo*BldgType Sawyer 1Fam - 485E-12 * Neighborhoo*BldgType Sawyer 2fmc - 485E-12 * Neighborhoo*BldgType SawyerW 1Fa - 485E-12 * Neighborhoo*BldgType Somerst 1Fa - 485E-12 * Neighborhoo*BldgType StoneBr 1Fa - 126E-12 * Neighborh*HouseStyle BrkSide 1St - 126E-12 * Neighborh*HouseStyle ClearCr 1St - 126E-12 * Neighborh*HouseStyle CollCr 1St - 126E-12 * Neighborh*HouseStyle Crawfor 1St - 126E-12 * Neighborh*HouseStyle Edwards 1St - 126E-12 * Neighborh*HouseStyle Gilbert 1St - 126E-12 * Neighborh*HouseStyle IDOTRR 1Sto - 123E-12 * Neighborh*HouseStyle MeadowV 1St - 126E-12 * Neighborh*HouseStyle Mitchel 1St - 126E-12 * Neighborh*HouseStyle NAmes 1Sto - 127E-12 * Neighborh*HouseStyle NPkVill 1St - 126E-12 * Neighborh*HouseStyle NWAmes 1Sto - 126E-12 * Neighborh*HouseStyle NoRidge 1St - 126E-12 * Neighborh*HouseStyle NridgHt 1St - 126E-12 * Neighborh*HouseStyle OldTown 1St - 126E-12 * Neighborh*HouseStyle SWISU 1Sto - 126E-12 * Neighborh*HouseStyle Sawyer 1Sto - 126E-12 * Neighborh*HouseStyle SawyerW 1St - 126E-12 * Neighborh*HouseStyle Somerst 1St - 126E-12 * Neighborh*HouseStyle StoneBr 1St - 126E-12 * Neighborh*HouseStyle Timber 1Sto + 879E-15 * GarageCars - 269E-18 * YearBuilt*GarageCars
Neighborho*BldgType NAmes Twnhs =	0
Neighborho*BldgType NPkVill 1Fa =	0
Neighborho*BldgType NPkVill 2fm =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborhoo*BldgType NPkVill Dup =	0
Neighborhoo*BldgType NWAmes 2fmC =	0

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType NWAmes Dupl =	<pre> -1.41E-6 * Intercept + 1.2E-8 * GrLlvArea_I - 167E-15 * Lot Area + 1.87E-9 * OverallCond + 662E-12 * YearBuilt - 785E-21 * LotArea*YearBuilt - 887E-14 * MasVnrArea + 768E-18 * GrLlv Area*MasVnrArea - 5E-12 * TotalBsmtSF - 147E-17 * OverallCo* TotalBsmtS - 3.84E-9 * FullBath - 36E-13 * GrLlvArea_I*Full Bath + 919E-12 * Fireplaces + 211E-14 * GrLlvArea*Fireplaces + 124E-13 * LotConfig Corner - 103E-12 * LotConfig CulDSac + 15E-11 * LotConfig FR2 - 501E-13 * LotConfig FR3 - 68E-16 * YearBuilt*LotConfig Corner + 527E-16 * YearBuilt*LotConfig CulDSac - 72E-15 * YearBuilt*LotConfig FR2 + 252E-16 * YearBuilt*LotConfig FR3 + 1.15E-8 * BldgType 1Fam - 131E-13 * BldgType Twnhs + 324E-14 * HouseStyle 1.5Fin + 1.15E-8 * HouseStyle 1.5Unf + 3E-9 * HouseStyle 1Story + 1.15E-8 * HouseStyle 2.5Fin + 1.15E-8 * HouseStyle 2.5Unf + 801E-14 * HouseStyle 2Story + 341E-14 * HouseStyle SFoyer + 231E-18 * LotArea*HouseStyle 1.5Fin + 236E-18 * LotArea*HouseStyle 1Story - 234E-17 * LotArea*HouseStyle 2.5Fin + 78E-17 * LotArea*HouseStyle 2.5Unf + 27E-17 * LotArea*HouseStyle 2Story - 168E-14 * Fireplace*HouseStyle 1.5Fin - 916E-15 * Fireplace*HouseStyle 1Story + 51E-13 * Fireplace*HouseStyle 2.5Fin - 126E-14 * Fireplace*HouseStyle 2Story - 256E-14 * BldgType*HouseStyle 1Fam 1.5Fin - 1.15E-8 * BldgType*HouseStyle 1Fam 1.5Unf - 148E-14 * BldgType*HouseStyle 1Fam 1Story - 1.15E-8 * BldgType*HouseStyle 1Fam 2.5Fin - 1.15E-8 * BldgType*HouseStyle 1Fam 2.5Unf - 134E-14 * BldgType*HouseStyle 1Fam 2Story + 1.15E-8 * BldgType*HouseStyle 2fmCon 1.5Fi + 1.15E-8 * BldgType*HouseStyle 2fmCon 1Stor + 1.15E-8 * BldgType*HouseStyle 2fmCon 2Stor + 115E-13 * BldgType*HouseStyle Twnhs 1Story + 107E-13 * BldgType*HouseStyle Twnhs 2Story + 1.4E-6 * Neighborhood Blmngtn - 5.08E-8 * Neighborhood Blueste + 1.41E-6 * Neighborhood BrDale + 1.4E-6 * Neighborhood BrkSide + 1.4E-6 * Neighborhood ClearCr + 1.41E-6 * Neighborhood CollgCr + 1.41E-6 * Neighborhood Crawfor + 1.41E-6 * Neighborhood Edwards + 1.4E-6 * Neighborhood Gilbert + 1.41E-6 * Neighborhood IDOTRR + 1.41E-6 * Neighborhood MeadowV + 1.41E-6 * Neighborhood Mitchel + 1.41E-6 * Neighborhood NAmes + 1.41E-6 * Neighborhood NPKVill + 1 * Neighborhood NWAmes + 1.4E-6 * Neighborhood NoRidge + 1.4E-6 * Neighborhood NridgHt + 1.41E-6 * Neighborhood OldTown + 1.4E-6 * Neighborhood SWISU + 1.41E-6 * Neighborhood Sawyer + 1.41E-6 * Neighborhood SawyerW + 1.41E-6 * Neighborhood Somerst + 1.41E-6 * Neighborhood StoneBr + 1.4E-6 * Neighborhood Timber - 1.2E-8 * GrLlvArea*Neighborho Blmngtn + 8.18E-9 * GrLlvArea*Neighborho Blueste - 1.2E-8 * GrLlvArea*Neighborho BrDale - 1.2E-8 * GrLlvArea*Neighborho BrkSide - 1.2E-8 * GrLlvArea*Neighborho ClearCr - 1.2E-8 * GrLlvArea*Neighborho CollgCr - 1.2E-8 * GrLlvArea*Neighborho Crawfor - 1.2E-8 * GrLlvArea*Neighborho Edwards - 1.2E-8 * GrLlvArea*Neighborho Gilbert - 1.2E-8 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType NWAmes Dupl =	IDOTRR - 1.2E-8 * GrLlvArea*Neighborhood MeadowV - 1.2E-8 * GrLlvArea*Neighborhood Mitchel - 1.2E-8 * GrLlvArea*Neighborhood NAmes - 1.2E-8 * GrLlvArea*Neighborhood NPkVill - 1.2E-8 * GrLlvArea*Neighborhood NWAmes - 1.2E-8 * GrLlvArea*Neighborhood NoRidge - 1.2E-8 * GrLlvArea*Neighborhood NridgHt - 1.2E-8 * GrLlvArea*Neighborhood OldTown - 1.2E-8 * GrLlvArea*Neighborhood SWISU - 1.2E-8 * GrLlvArea*Neighborhood Sawyer - 1.2E-8 * GrLlvArea*Neighborhood SawyerW - 1.2E-8 * GrLlvArea*Neighborhood Somerst - 1.2E-8 * GrLlvArea*Neighborhood StoneBr - 1.2E-8 * GrLlvArea*Neighborhood Timber + 167E-15 * LotArea*Neighborhood Blmngtn + 168E-15 * LotArea*Neighborhood BrDale + 168E-15 * LotArea*Neighborhood BrkSide + 168E-15 * LotArea*Neighborhood ClearCr + 168E-15 * LotArea*Neighborhood CollgCr + 168E-15 * LotArea*Neighborhood Crawfor + 168E-15 * LotArea*Neighborhood Edwards + 168E-15 * LotArea*Neighborhood Gilbert + 168E-15 * LotArea*Neighborhood IDOTRR + 168E-15 * LotArea*Neighborhood MeadowV + 168E-15 * LotArea*Neighborhood Mitchel + 168E-15 * LotArea*Neighborhood NAmes + 168E-15 * LotArea*Neighborhood NPkVill + 168E-15 * LotArea*Neighborhood NWAmes + 168E-15 * LotArea*Neighborhood NoRidge + 168E-15 * LotArea*Neighborhood NridgHt + 168E-15 * LotArea*Neighborhood OldTown + 168E-15 * LotArea*Neighborhood SWISU + 168E-15 * LotArea*Neighborhood Sawyer + 168E-15 * LotArea*Neighborhood SawyerW + 168E-15 * LotArea*Neighborhood Somerst + 168E-15 * LotArea*Neighborhood StoneBr + 168E-15 * LotArea*Neighborhood Timber - 1.86E-9 * OverallCo*Neighborhood BrDale - 1.86E-9 * OverallCo*Neighborhood BrkSide - 1.86E-9 * OverallCo*Neighborhood ClearCr - 1.86E-9 * OverallCo*Neighborhood CollgCr - 1.86E-9 * OverallCo*Neighborhood Crawfor - 1.86E-9 * OverallCo*Neighborhood Edwards - 1.86E-9 * OverallCo*Neighborhood Gilbert - 1.86E-9 * OverallCo*Neighborhood IDOTRR - 1.86E-9 * OverallCo*Neighborhood MeadowV - 1.86E-9 * OverallCo*Neighborhood Mitchel - 1.86E-9 * OverallCo*Neighborhood NAmes - 1.86E-9 * OverallCo*Neighborhood NPkVill - 1.86E-9 * OverallCo*Neighborhood NWAmes - 1.86E-9 * OverallCo*Neighborhood NoRidge - 1.86E-9 * OverallCo*Neighborhood OldTown - 1.86E-9 * OverallCo*Neighborhood SWISU - 1.86E-9 * OverallCo*Neighborhood Sawyer - 1.86E-9 * OverallCo*Neighborhood SawyerW - 1.86E-9 * OverallCo*Neighborhood Somerst - 1.86E-9 * OverallCo*Neighborhood StoneBr - 1.86E-9 * OverallCo*Neighborhood Timber - 662E-12 * YearBuilt*Neighborhood Blmngtn - 662E-12 * YearBuilt*Neighborhood BrDale - 662E-12 * YearBuilt*Neighborhood BrkSide - 662E-12 * YearBuilt*Neighborhood ClearCr - 662E-12 * YearBuilt*Neighborhood CollgCr - 662E-12 * YearBuilt*Neighborhood Crawfor - 662E-12 * YearBuilt*Neighborhood Edwards - 662E-12 * YearBuilt*Neighborhood Gilbert - 662E-12 * YearBuilt*Neighborhood IDOTRR - 662E-12 * YearBuilt*Neighborhood MeadowV - 662E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType NWAmes Dupl =	Mitchel - 662E-12 * YearBuilt*Neighborhood NAmes - 658E-12 * YearBuilt*Neighborhood NPkVill - 662E-12 * YearBuilt*Neighborhood NWAmes - 662E-12 * YearBuilt*Neighborhood NoRidge - 662E-12 * YearBuilt*Neighborhood NridgHt - 662E-12 * YearBuilt*Neighborhood OldTown - 662E-12 * YearBuilt*Neighborhood SWISU - 662E-12 * YearBuilt*Neighborhood Sawyer - 662E-12 * YearBuilt*Neighborhood SawyerW - 662E-12 * YearBuilt*Neighborhood Somerset - 662E-12 * YearBuilt*Neighborhood StoneBr - 662E-12 * YearBuilt*Neighborhood Timber + 886E-14 * MasVnrAre*Neighborhood Blmgtn + 886E-14 * MasVnrAre*Neighborhood BrDale + 887E-14 * MasVnrAre*Neighborhood BrkSide + 886E-14 * MasVnrAre*Neighborhood ClearCr + 886E-14 * MasVnrAre*Neighborhood CollgCr + 886E-14 * MasVnrAre*Neighborhood Crawfor + 886E-14 * MasVnrAre*Neighborhood Edwards + 886E-14 * MasVnrAre*Neighborhood Gilbert + 886E-14 * MasVnrAre*Neighborhood IDOTRR + 878E-14 * MasVnrAre*Neighborhood MeadowV + 886E-14 * MasVnrAre*Neighborhood Mitchel + 886E-14 * MasVnrAre*Neighborhood NAmes + 886E-14 * MasVnrAre*Neighborhood NWAmes + 886E-14 * MasVnrAre*Neighborhood NoRidge + 886E-14 * MasVnrAre*Neighborhood NridgHt + 886E-14 * MasVnrAre*Neighborhood OldTown + 886E-14 * MasVnrAre*Neighborhood SWISU + 886E-14 * MasVnrAre*Neighborhood Sawyer + 886E-14 * MasVnrAre*Neighborhood SawyerW + 886E-14 * MasVnrAre*Neighborhood Somerset + 886E-14 * MasVnrAre*Neighborhood StoneBr + 886E-14 * MasVnrAre*Neighborhood Timber + 501E-14 * TotalBsmt*Neighborhood Blmgtn + 501E-14 * TotalBsmt*Neighborhood BrDale + 501E-14 * TotalBsmt*Neighborhood BrkSide + 501E-14 * TotalBsmt*Neighborhood ClearCr + 501E-14 * TotalBsmt*Neighborhood CollgCr + 501E-14 * TotalBsmt*Neighborhood Crawfor + 501E-14 * TotalBsmt*Neighborhood Edwards + 501E-14 * TotalBsmt*Neighborhood Gilbert + 501E-14 * TotalBsmt*Neighborhood IDOTRR + 499E-14 * TotalBsmt*Neighborhood MeadowV + 501E-14 * TotalBsmt*Neighborhood Mitchel + 501E-14 * TotalBsmt*Neighborhood NAmes + 501E-14 * TotalBsmt*Neighborhood NPkVill + 501E-14 * TotalBsmt*Neighborhood NWAmes + 501E-14 * TotalBsmt*Neighborhood NoRidge + 501E-14 * TotalBsmt*Neighborhood NridgHt + 501E-14 * TotalBsmt*Neighborhood OldTown + 501E-14 * TotalBsmt*Neighborhood SWISU + 501E-14 * TotalBsmt*Neighborhood Sawyer + 501E-14 * TotalBsmt*Neighborhood SawyerW + 501E-14 * TotalBsmt*Neighborhood Somerset + 501E-14 * TotalBsmt*Neighborhood StoneBr + 501E-14 * TotalBsmt*Neighborhood Timber + 3.86E-9 * FullBath*Neighborhood Blmgtn + 3.86E-9 * FullBath*Neighborhood BrDale + 3.86E-9 * FullBath*Neighborhood BrkSide + 3.86E-9 * FullBath*Neighborhood ClearCr + 3.86E-9 * FullBath*Neighborhood CollgCr + 3.86E-9 * FullBath*Neighborhood Crawfor + 3.86E-9 * FullBath*Neighborhood Edwards + 3.86E-9 * FullBath*Neighborhood Gilbert + 3.86E-9 * FullBath*Neighborhood IDOTRR + 3.87E-9 * FullBath*Neighborhood MeadowV + 3.86E-9 * FullBath*Neighborhood Mitchel + 3.86E-9 * FullBath*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType NWAmes Dupl =	NAmes + 3.86E-9 * FullBath*Neighborhood NWAmes + 3.86E-9 * FullBath*Neighborhood NoRidge + 3.87E-9 * FullBath*Neighborhood NridgHt + 3.86E-9 * FullBath*Neighborhood OldTown + 3.86E-9 * FullBath*Neighborhood SWISU + 3.86E-9 * FullBath*Neighborhood Sawyer + 3.86E-9 * FullBath*Neighborhood SawyerW + 3.86E-9 * FullBath*Neighborhood Somerset + 3.86E-9 * FullBath*Neighborhood StoneBr + 3.87E-9 * FullBath*Neighborhood Timber - 933E-12 * Fireplace*Neighborhood Blmngtn - 932E-12 * Fireplace*Neighborhood BrDale - 932E-12 * Fireplace*Neighborhood BrkSide - 934E-12 * Fireplace*Neighborhood ClearCr - 933E-12 * Fireplace*Neighborhood CollgCr - 933E-12 * Fireplace*Neighborhood Crawfor - 934E-12 * Fireplace*Neighborhood Edwards - 934E-12 * Fireplace*Neighborhood Gilbert - 933E-12 * Fireplace*Neighborhood IDOTRR - 94E-11 * Fireplace*Neighborhood MeadowV - 933E-12 * Fireplace*Neighborhood Mitchel - 933E-12 * Fireplace*Neighborhood NAmes - 933E-12 * Fireplace*Neighborhood NPKVill - 934E-12 * Fireplace*Neighborhood NWAmes - 934E-12 * Fireplace*Neighborhood NoRidge - 934E-12 * Fireplace*Neighborhood NridgHt - 933E-12 * Fireplace*Neighborhood OldTown - 933E-12 * Fireplace*Neighborhood SWISU - 933E-12 * Fireplace*Neighborhood Sawyer - 934E-12 * Fireplace*Neighborhood SawyerW - 933E-12 * Fireplace*Neighborhood Somerset - 934E-12 * Fireplace*Neighborhood StoneBr - 934E-12 * Fireplace*Neighborhood Timber - 1.15E-8 * Neighborhood*BldgType Blmngtn 1Fa - 403E-14 * Neighborhood*BldgType BrkSide 1Fa - 1.15E-8 * Neighborhood*BldgType CollgCr 1Fa - 1.15E-8 * Neighborhood*BldgType Crawfor 1Fa - 1.15E-8 * Neighborhood*BldgType Crawfor 2fm - 1.15E-8 * Neighborhood*BldgType Edwards 1Fa - 1.15E-8 * Neighborhood*BldgType Edwards 2fm - 199E-14 * Neighborhood*BldgType Gilbert 1Fa - 1.15E-8 * Neighborhood*BldgType IDOTRR 1Fam - 1.15E-8 * Neighborhood*BldgType IDOTRR 2fmc + 811E-14 * Neighborhood*BldgType MeadowV Twn - 1.15E-8 * Neighborhood*BldgType Mitchel 1Fa - 1.15E-8 * Neighborhood*BldgType Mitchel 2fm + 761E-14 * Neighborhood*BldgType Mitchel Dup - 1.15E-8 * Neighborhood*BldgType NAmes 1Fam - 105E-13 * Neighborhood*BldgType NPKVill Twn - 1 * Neighborhood*BldgType NWAmes 1Fam + 1.15E-8 * Neighborhood*BldgType NridgHt 1Fa + 1.15E-8 * Neighborhood*BldgType OldTown 1Fa + 1.15E-8 * Neighborhood*BldgType OldTown 2fm + 1.15E-8 * Neighborhood*BldgType Sawyer 1Fam + 1.15E-8 * Neighborhood*BldgType Sawyer 2fmc + 1.15E-8 * Neighborhood*BldgType SawyerW 1Fa + 1.15E-8 * Neighborhood*BldgType Somerst 1Fa + 1.15E-8 * Neighborhood*BldgType StoneBr 1Fa - 541E-14 * Neighborhood*HouseStyle BrkSide 1.5 + 2.99E-9 * Neighborhood*HouseStyle BrkSide 1St + 2.99E-9 * Neighborhood*HouseStyle ClearCr 1St + 72E-13 * Neighborhood*HouseStyle ClearCr 2St + 3E-9 * Neighborhood*HouseStyle CollgCr 1St + 725E-14 * Neighborhood*HouseStyle CollgCr 2St + 2.99E-9 * Neighborhood*HouseStyle Crawfor 1St + 2.99E-9 * Neighborhood*HouseStyle Edwards 1St + 748E-14 * Neighborhood*HouseStyle Edwards 2St + 2.99E-9 * Neighborhood*HouseStyle Gilbert 1St + 618E-14 * Neighborhood*HouseStyle Gilbert
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType NWAmes Dupl = 2St - 553E-14 * Neighborh*HouseStyle IDOTRR 1.5F + 2.99E-9 * Neighborh*HouseStyle IDOTRR 1Sto + 2.98E-9 * Neighborh*HouseStyle MeadowV 1St + 108E-13 * Neighborh*HouseStyle MeadowV 2St + 2.99E-9 * Neighborh*HouseStyle Mitchel 1St + 2.99E-9 * Neighborh*HouseStyle NAmes 1Stor + 734E-14 * Neighborh*HouseStyle NAmes 2Stor + 3.01E-9 * Neighborh*HouseStyle NPkVill 1St + 2.99E-9 * Neighborh*HouseStyle NWAmes 1Sto + 679E-14 * Neighborh*HouseStyle NWAmes 2Sto + 2.99E-9 * Neighborh*HouseStyle NoRidge 1St + 2.99E-9 * Neighborh*HouseStyle NridgHt 1St + 2.99E-9 * Neighborh*HouseStyle OldTown 1St + 629E-14 * Neighborh*HouseStyle OldTown 2St - 615E-14 * Neighborh*HouseStyle SWISU 1.5Fi + 2.99E-9 * Neighborh*HouseStyle SWISU 1Stor + 2.99E-9 * Neighborh*HouseStyle Sawyer 1Sto + 795E-14 * Neighborh*HouseStyle Sawyer 2Sto + 2.99E-9 * Neighborh*HouseStyle SawyerW 1St + 653E-14 * Neighborh*HouseStyle SawyerW 2St + 2.99E-9 * Neighborh*HouseStyle Somerst 1St + 2.99E-9 * Neighborh*HouseStyle StoneBr 1St + 2.99E-9 * Neighborh*HouseStyle Timber 1Sto - 166E-13 * GarageCars + 457E-17 * YearBuilt*Garage Cars + 468E-15 * GarageCars*BldgType 1Fam + 122E-14 * GarageCar*HouseStyle 1Story - 101E-13 * GarageCar*HouseStyle 2.5Fin + 91E-14 * GarageCar*HouseStyle 2Story + 151E-14 * GarageCar*HouseStyle SFoyer + 529E-14 * GarageCar*Neighborho Blmgtn + 712E-14 * GarageCar*Neighborho BrDale + 755E-14 * GarageCar*Neighborho BrkSide + 728E-14 * GarageCar*Neighborho ClearCr + 533E-14 * GarageCar*Neighborho CollgCr + 586E-14 * GarageCar*Neighborho Crawfor + 586E-14 * GarageCar*Neighborho Edwards + 722E-14 * GarageCar*Neighborho Gilbert + 666E-14 * GarageCar*Neighborho IDOTRR + 66E-13 * GarageCar*Neighborho MeadowV + 661E-14 * GarageCar*Neighborho Mitchel + 617E-14 * GarageCar*Neighborho NAmes + 597E-14 * GarageCar*Neighborho NoRidge + 629E-14 * GarageCar*Neighborho NridgHt + 693E-14 * GarageCar*Neighborho OldTown + 677E-14 * GarageCar*Neighborho SWISU + 654E-14 * GarageCar*Neighborho Sawyer + 641E-14 * GarageCar*Neighborho SawyerW + 607E-14 * GarageCar*Neighborho Somerst + 387E-14 * GarageCar*Neighborho StoneBr	
Neighborhoo*BldgType NWAmes Twnh = 0	

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType NoRidge 1Fa =	<pre> -1.38E-8 * Intercept + 118E-12 * GrLlvArea_I - 163E-17 * Lot Area + 183E-13 * OverallCond + 646E-14 * YearBuilt - 881E-16 * MasVnrArea - 495E-16 * TotalBsmtSF - 377E-13 * FullBath + 884E-14 * Fireplaces + 112E-12 * BldgType 1Fam + 112E-12 * HouseStyle 1.5Unf + 295E-13 * HouseStyle 1Story + 112E-12 * HouseStyle 2.5Fin + 112E-12 * HouseStyle 2.5Unf - 112E-12 * BldgType*HouseStyle 1Fam 1.5Unf - 112E-12 * BldgType*HouseStyle 1Fam 2.5Fin - 112E-12 * BldgType*HouseStyle 1Fam 2.5Unf + 112E-12 * BldgType*HouseStyle 2fmCon 1.5Fi + 112E-12 * BldgType*HouseStyle 2fmCon 1Stor + 112E-12 * BldgType*HouseStyle 2fmCon 2Stor + 1.35E-8 * Neighborhood Blmgtn - 5E-10 * Neighborhood Blueste + 1.38E-8 * Neighborhood BrDale + 1.36E-8 * Neighborhood BrkSide + 1.36E-8 * Neighborhood ClearCr + 1.38E-8 * Neighborhood CollgCr + 1.38E-8 * Neighborhood Crawfor + 1.38E-8 * Neighborhood Edwards + 1.36E-8 * Neighborhood Gilbert + 1.38E-8 * Neighborhood IDOTRR + 1.37E-8 * Neighborhood MeadowV + 1.38E-8 * Neighborhood Mitchel + 1.38E-8 * Neighborhood NAmes + 1.38E-8 * Neighborhood NPkVill + 1.38E-8 * Neighborhood NWAmes + 1 * Neighborhood NoRidge + 1.37E-8 * Neighborhood NridgHt + 1.38E-8 * Neighborhood OldTown + 1.36E-8 * Neighborhood SWISU + 1.38E-8 * Neighborhood Sawyer + 1.38E-8 * Neighborhood SawyerW + 1.38E-8 * Neighborhood Somerst + 1.38E-8 * Neighborhood StoneBr + 1.36E-8 * Neighborhood Timber - 118E-12 * GrLlvArea*Neighborho Blmgtn + 803E-13 * GrLlvArea*Neighborho Blueste - 118E-12 * GrLlvArea*Neighborho BrDale - 118E-12 * GrLlvArea*Neighborho BrkSide - 118E-12 * GrLlvArea*Neighborho ClearCr - 118E-12 * GrLlvArea*Neighborho CollgCr - 118E-12 * GrLlvArea*Neighborho Crawfor - 118E-12 * GrLlvArea*Neighborho Edwards - 118E-12 * GrLlvArea*Neighborho Gilbert - 118E-12 * GrLlvArea*Neighborho IDOTRR - 117E-12 * GrLlvArea*Neighborho MeadowV - 118E-12 * GrLlvArea*Neighborho Mitchel - 118E-12 * GrLlvArea*Neighborho NAmes - 118E-12 * GrLlvArea*Neighborho NPkVill - 118E-12 * GrLlvArea*Neighborho NWAmes - 118E-12 * GrLlvArea*Neighborho NoRidge - 118E-12 * GrLlvArea*Neighborho NridgHt - 118E-12 * GrLlvArea*Neighborho OldTown - 118E-12 * GrLlvArea*Neighborho SWISU - 118E-12 * GrLlvArea*Neighborho Sawyer - 118E-12 * GrLlvArea*Neighborho SawyerW - 118E-12 * GrLlvArea*Neighborho Somerst - 118E-12 * GrLlvArea*Neighborho StoneBr - 118E-12 * GrLlvArea*Neighborho Timber + 165E-17 * LotArea*Neighborhood BrkSide + 165E-17 * LotArea*Neighborhood ClearCr + 165E-17 * LotArea*Neighborhood CollgCr + 165E-17 * LotArea*Neighborhood Crawfor + 165E-17 * LotArea*Neighborhood Edwards + 164E-17 * LotArea*Neighborhood Gilbert + 165E-17 * LotArea*Neighborhood IDOTRR + 165E-17 * LotArea*Neighborhood Mitchel + 165E-17 * LotArea*Neighborhood NAmes + 164E-17 * LotArea*Neighborhood NWAmes + 164E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType NoRidge 1Fa =	NoRidge + 165E-17 * LotArea*Neighborhood NridgHt + 165E-17 * LotArea*Neighborhood OldTown + 164E-17 * LotArea*Neighborhood Sawyer + 165E-17 * LotArea*Neighborhood SawyerW + 164E-17 * LotArea*Neighborhood Somerst + 165E-17 * LotArea*Neighborhood StoneBr + 165E-17 * LotArea*Neighborhood Timber - 183E-13 * OverallCo*Neighborhood BrDale - 183E-13 * OverallCo*Neighborhood BrkSide - 183E-13 * OverallCo*Neighborhood ClearCr - 183E-13 * OverallCo*Neighborhood CollgCr - 183E-13 * OverallCo*Neighborhood Crawfor - 183E-13 * OverallCo*Neighborhood Edwards - 183E-13 * OverallCo*Neighborhood Gilbert - 183E-13 * OverallCo*Neighborhood IDOTRR - 183E-13 * OverallCo*Neighborhood MeadowV - 183E-13 * OverallCo*Neighborhood Mitchel - 183E-13 * OverallCo*Neighborhood NAmes - 183E-13 * OverallCo*Neighborhood NPKVill - 183E-13 * OverallCo*Neighborhood NWAmes - 183E-13 * OverallCo*Neighborhood NoRidge - 183E-13 * OverallCo*Neighborhood OldTown - 183E-13 * OverallCo*Neighborhood SWISU - 183E-13 * OverallCo*Neighborhood Sawyer - 183E-13 * OverallCo*Neighborhood SawyerW - 183E-13 * OverallCo*Neighborhood Somerst - 183E-13 * OverallCo*Neighborhood StoneBr - 182E-13 * OverallCo*Neighborhood Timber - 641E-14 * YearBuilt*Neighborhood Blmgtn - 647E-14 * YearBuilt*Neighborhood BrDale - 646E-14 * YearBuilt*Neighborhood BrkSide - 646E-14 * YearBuilt*Neighborhood ClearCr - 646E-14 * YearBuilt*Neighborhood CollgCr - 646E-14 * YearBuilt*Neighborhood Crawfor - 646E-14 * YearBuilt*Neighborhood Edwards - 646E-14 * YearBuilt*Neighborhood Gilbert - 646E-14 * YearBuilt*Neighborhood IDOTRR - 646E-14 * YearBuilt*Neighborhood MeadowV - 646E-14 * YearBuilt*Neighborhood Mitchel - 646E-14 * YearBuilt*Neighborhood NAmes - 643E-14 * YearBuilt*Neighborhood NPKVill - 646E-14 * YearBuilt*Neighborhood NWAmes - 647E-14 * YearBuilt*Neighborhood NoRidge - 646E-14 * YearBuilt*Neighborhood NridgHt - 646E-14 * YearBuilt*Neighborhood OldTown - 646E-14 * YearBuilt*Neighborhood SWISU - 646E-14 * YearBuilt*Neighborhood Sawyer - 646E-14 * YearBuilt*Neighborhood SawyerW - 647E-14 * YearBuilt*Neighborhood Somerst - 646E-14 * YearBuilt*Neighborhood StoneBr - 646E-14 * YearBuilt*Neighborhood Timber + 88E-15 * MasVnrAre*Neighborhood BrDale + 88E-15 * MasVnrAre*Neighborhood ClearCr + 879E-16 * MasVnrAre*Neighborhood CollgCr + 88E-15 * MasVnrAre*Neighborhood Crawfor + 88E-15 * MasVnrAre*Neighborhood Edwards + 879E-16 * MasVnrAre*Neighborhood Gilbert + 88E-15 * MasVnrAre*Neighborhood Mitchel + 88E-15 * MasVnrAre*Neighborhood NAmes + 88E-15 * MasVnrAre*Neighborhood NWAmes + 88E-15 * MasVnrAre*Neighborhood NoRidge + 88E-15 * MasVnrAre*Neighborhood NridgHt + 88E-15 * MasVnrAre*Neighborhood SawyerW + 88E-15 * MasVnrAre*Neighborhood Somerst + 879E-16 * MasVnrAre*Neighborhood StoneBr + 879E-16 * MasVnrAre*Neighborhood Timber + 495E-16 * TotalBsm*Neighborhood Blmgtn + 503E-16 * TotalBsm*Neighborhood BrDale + 495E-16 * TotalBsm*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType NoRidge 1Fa =	BrkSide + 496E-16 * TotalBsmt*Neighborhood ClearCr + 495E-16 * TotalBsmt*Neighborhood CollgCr + 496E-16 * TotalBsmt*Neighborhood Crawfor + 495E-16 * TotalBsmt*Neighborhood Edwards + 495E-16 * TotalBsmt*Neighborhood Gilbert + 496E-16 * TotalBsmt*Neighborhood IDOTRR + 488E-16 * TotalBsmt*Neighborhood MeadowV + 496E-16 * TotalBsmt*Neighborhood Mitchel + 496E-16 * TotalBsmt*Neighborhood NAmes + 496E-16 * TotalBsmt*Neighborhood NPkVill + 495E-16 * TotalBsmt*Neighborhood NWAmes + 496E-16 * TotalBsmt*Neighborhood NoRidge + 495E-16 * TotalBsmt*Neighborhood NridgHt + 496E-16 * TotalBsmt*Neighborhood OldTown + 495E-16 * TotalBsmt*Neighborhood SWISU + 496E-16 * TotalBsmt*Neighborhood Sawyer + 495E-16 * TotalBsmt*Neighborhood SawyerW + 496E-16 * TotalBsmt*Neighborhood Somerst + 496E-16 * TotalBsmt*Neighborhood StoneBr + 496E-16 * TotalBsmt*Neighborhood Timber + 379E-13 * FullBath*Neighborhood Blmngtn + 38E-12 * FullBath*Neighborhood BrDale + 38E-12 * FullBath*Neighborhood BrkSide + 38E-12 * FullBath*Neighborhood ClearCr + 379E-13 * FullBath*Neighborhood CollgCr + 379E-13 * FullBath*Neighborhood Crawfor + 379E-13 * FullBath*Neighborhood Edwards + 379E-13 * FullBath*Neighborhood Gilbert + 379E-13 * FullBath*Neighborhood IDOTRR + 382E-13 * FullBath*Neighborhood MeadowV + 379E-13 * FullBath*Neighborhood Mitchel + 379E-13 * FullBath*Neighborhood NAmes + 379E-13 * FullBath*Neighborhood NWAmes + 379E-13 * FullBath*Neighborhood NoRidge + 38E-12 * FullBath*Neighborhood NridgHt + 379E-13 * FullBath*Neighborhood OldTown + 379E-13 * FullBath*Neighborhood SWISU + 379E-13 * FullBath*Neighborhood Sawyer + 379E-13 * FullBath*Neighborhood SawyerW + 38E-12 * FullBath*Neighborhood Somerst + 379E-13 * FullBath*Neighborhood StoneBr + 38E-12 * FullBath*Neighborhood Timber - 897E-14 * Fireplace*Neighborhood Crawfor - 898E-14 * Fireplace*Neighborhood Gilbert - 898E-14 * Fireplace*Neighborhood NAmes - 898E-14 * Fireplace*Neighborhood NWAmes - 898E-14 * Fireplace*Neighborhood NridgHt - 112E-12 * Neighborhood*BldgType Blmngtn 1Fa - 112E-12 * Neighborhood*BldgType CollgCr 1Fa - 112E-12 * Neighborhood*BldgType Crawfor 1Fa - 112E-12 * Neighborhood*BldgType Crawfor 2fm - 112E-12 * Neighborhood*BldgType Edwards 1Fa - 112E-12 * Neighborhood*BldgType Edwards 2fm - 112E-12 * Neighborhood*BldgType IDOTRR 1Fam - 112E-12 * Neighborhood*BldgType IDOTRR 2fmc - 112E-12 * Neighborhood*BldgType Mitchel 1Fa - 112E-12 * Neighborhood*BldgType Mitchel 2fm - 112E-12 * Neighborhood*BldgType NAmes 1Fam - 112E-12 * Neighborhood*BldgType NWAmes 1Fam + 112E-12 * Neighborhood*BldgType NridgHt 1Fa + 112E-12 * Neighborhood*BldgType OldTown 1Fa + 112E-12 * Neighborhood*BldgType OldTown 2fm + 112E-12 * Neighborhood*BldgType Sawyer 1Fam + 112E-12 * Neighborhood*BldgType Sawyer 2fmc + 112E-12 * Neighborhood*BldgType SawyerW 1Fa + 112E-12 * Neighborhood*BldgType Somerst 1Fa + 112E-12 * Neighborhood*BldgType StoneBr 1Fa + 295E-13 * Neighborhood*HouseStyle BrkSide 1St + 295E-13 * Neighborhood*HouseStyle ClearCr
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType NoRidge 1Fa =	1St + 295E-13 * Neighborh*HouseStyle CollgCr 1St + 294E-13 * Neighborh*HouseStyle Crawfor 1St + 295E-13 * Neighborh*HouseStyle Edwards 1St + 294E-13 * Neighborh*HouseStyle Gilbert 1St + 294E-13 * Neighborh*HouseStyle IDOTRR 1Sto + 295E-13 * Neighborh*HouseStyle Mitchel 1St + 295E-13 * Neighborh*HouseStyle NAmes 1Stor + 294E-13 * Neighborh*HouseStyle NWAmes 1Sto + 294E-13 * Neighborh*HouseStyle NoRidge 1St + 294E-13 * Neighborh*HouseStyle NridgHt 1St + 295E-13 * Neighborh*HouseStyle OldTown 1St + 295E-13 * Neighborh*HouseStyle Sawyer 1Sto + 295E-13 * Neighborh*HouseStyle SawyerW 1St + 294E-13 * Neighborh*HouseStyle Somerst 1St + 295E-13 * Neighborh*HouseStyle StoneBr 1St + 295E-13 * Neighborh*HouseStyle Timber 1Sto
Neighborhoo*BldgType NoRidge 2fm =	0
Neighborhoo*BldgType NoRidge Dup =	0
Neighborhoo*BldgType NoRidge Twn =	0
Neighborhoo*BldgType NridgHt 2fm =	0
Neighborhoo*BldgType NridgHt Dup =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType OldTown Dup =	<pre> -1.84E-6 * Intercept + 1.56E-8 * GrLlvArea_I - 218E-15 * Lot Area + 2.43E-9 * OverallCond + 864E-12 * YearBuilt - 112E-20 * LotArea*YearBuilt - 116E-13 * MasVnrArea + 918E-18 * GrLlv Area*MasVnrArea - 653E-14 * TotalBsmtSF - 191E-17 * Overall Co*TotalBsmtS - 5.01E-9 * FullBath - 47E-13 * GrLlvArea_I*Full Bath + 1.2E-9 * Fireplaces + 274E-14 * GrLlvArea*Fireplaces + 154E-13 * LotConfig Corner - 132E-12 * LotConfig CulDSac + 197E-12 * LotConfig FR2 - 647E-13 * LotConfig FR3 - 848E-17 * YearBuilt*LotConfig Corner + 678E-16 * YearBuilt*LotConfig CulDSac - 943E-16 * YearBuilt*LotConfig FR2 + 326E-16 * YearBuilt*LotConfig FR3 + 1.5E-8 * BldgType 1Fam - 143E-13 * BldgType Twnhs + 443E-14 * HouseStyle 1.5Fin + 1.5E-8 * HouseStyle 1.5Unf + 3.91E-9 * HouseStyle 1Story + 1.5E-8 * HouseStyle 2.5Fin + 1.5E-8 * HouseStyle 2.5Unf + 106E-13 * HouseStyle 2Story + 435E-14 * HouseStyle SFoyer + 304E-18 * LotArea*HouseStyle 1.5Fin + 311E-18 * LotArea*HouseStyle 1Story - 293E-17 * LotArea*HouseStyle 2.5Fin + 998E-18 * LotArea*HouseStyle 2.5Unf + 356E-18 * LotArea*HouseStyle 2Story - 216E-14 * Fireplace*HouseStyle 1.5Fin - 119E-14 * Fireplace*HouseStyle 1Story + 631E-14 * Fireplace*HouseStyle 2.5Fin - 16E-13 * Fireplace*HouseStyle 2Story - 333E-14 * BldgType*HouseStyle 1Fam 1.5Fin - 1.5E-8 * BldgType*HouseStyle 1Fam 1.5Unf - 196E-14 * BldgType*HouseStyle 1Fam 1Story - 1.5E-8 * BldgType*HouseStyle 1Fam 2.5Fin - 1.5E-8 * BldgType*HouseStyle 1Fam 2.5Unf - 181E-14 * BldgType*HouseStyle 1Fam 2Story + 1.5E-8 * BldgType*HouseStyle 2fmCon 1.5Fi + 1.5E-8 * BldgType*HouseStyle 2fmCon 1Stor + 1.5E-8 * BldgType*HouseStyle 2fmCon 2Stor + 121E-13 * BldgType*HouseStyle Twnhs 1Story + 111E-13 * BldgType*HouseStyle Twnhs 2Story + 1.82E-6 * Neighborhood Blmngtn - 6.63E-8 * Neighborhood Blueste + 1.84E-6 * Neighborhood BrDale + 1.82E-6 * Neighborhood BrkSide + 1.82E-6 * Neighborhood ClearCr + 1.84E-6 * Neighborhood CollgCr + 1.84E-6 * Neighborhood Crawfor + 1.84E-6 * Neighborhood Edwards + 1.82E-6 * Neighborhood Gilbert + 1.84E-6 * Neighborhood IDOTRR + 1.84E-6 * Neighborhood MeadowV + 1.84E-6 * Neighborhood Mitchel + 1.84E-6 * Neighborhood NAmes + 1.84E-6 * Neighborhood NPKVill + 1.84E-6 * Neighborhood NWAmes + 1.82E-6 * Neighborhood NoRidge + 1.83E-6 * Neighborhood NridgHt + 1 * Neighborhood OldTown + 1.82E-6 * Neighborhood SWISU + 1.84E-6 * Neighborhood Sawyer + 1.84E-6 * Neighborhood SawyerW + 1.84E-6 * Neighborhood Somerst + 1.84E-6 * Neighborhood StoneBr + 1.82E-6 * Neighborhood Timber - 1.56E-8 * GrLlvArea*Neighborho Blmngtn + 1.07E-8 * GrLlvArea*Neighborho Blueste - 1.56E-8 * GrLlvArea*Neighborho BrDale - 1.56E-8 * GrLlvArea*Neighborho BrkSide - 1.56E-8 * GrLlvArea*Neighborho ClearCr - 1.56E-8 * GrLlvArea*Neighborho CollgCr - 1.56E-8 * GrLlvArea*Neighborho Crawfor - 1.56E-8 * GrLlvArea*Neighborho Edwards - 1.56E-8 * GrLlvArea*Neighborho Gilbert - 1.56E-8 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType OldTown Dup =	IDOTRR - 1.56E-8 * GrLlvArea*Neighborhood MeadowV - 1.56E-8 * GrLlvArea*Neighborhood Mitchel - 1.56E-8 * GrLlvArea*Neighborhood NAmes - 1.57E-8 * GrLlvArea*Neighborhood NPkVill - 1.56E-8 * GrLlvArea*Neighborhood NWAmes - 1.56E-8 * GrLlvArea*Neighborhood NoRidge - 1.56E-8 * GrLlvArea*Neighborhood NridgHt - 1.56E-8 * GrLlvArea*Neighborhood OldTown - 1.56E-8 * GrLlvArea*Neighborhood SWISU - 1.56E-8 * GrLlvArea*Neighborhood Sawyer - 1.56E-8 * GrLlvArea*Neighborhood SawyerW - 1.56E-8 * GrLlvArea*Neighborhood Somerst - 1.56E-8 * GrLlvArea*Neighborhood StoneBr - 1.56E-8 * GrLlvArea*Neighborhood Timber + 219E-15 * LotArea*Neighborhood Blmngtn + 22E-14 * LotArea*Neighborhood BrDale + 22E-14 * LotArea*Neighborhood BrkSide + 22E-14 * LotArea*Neighborhood ClearCr + 22E-14 * LotArea*Neighborhood CollgCr + 219E-15 * LotArea*Neighborhood Crawfor + 219E-15 * LotArea*Neighborhood Edwards + 219E-15 * LotArea*Neighborhood Gilbert + 22E-14 * LotArea*Neighborhood IDOTRR + 22E-14 * LotArea*Neighborhood MeadowV + 219E-15 * LotArea*Neighborhood Mitchel + 219E-15 * LotArea*Neighborhood NAmes + 219E-15 * LotArea*Neighborhood NPkVill + 219E-15 * LotArea*Neighborhood NWAmes + 219E-15 * LotArea*Neighborhood NoRidge + 22E-14 * LotArea*Neighborhood NridgHt + 219E-15 * LotArea*Neighborhood OldTown + 219E-15 * LotArea*Neighborhood SWISU + 219E-15 * LotArea*Neighborhood Sawyer + 22E-14 * LotArea*Neighborhood SawyerW + 219E-15 * LotArea*Neighborhood Somerst + 22E-14 * LotArea*Neighborhood StoneBr + 219E-15 * LotArea*Neighborhood Timber - 2.43E-9 * OverallCo*Neighborhood BrDale - 2.43E-9 * OverallCo*Neighborhood BrkSide - 2.43E-9 * OverallCo*Neighborhood ClearCr - 2.43E-9 * OverallCo*Neighborhood CollgCr - 2.43E-9 * OverallCo*Neighborhood Crawfor - 2.43E-9 * OverallCo*Neighborhood Edwards - 2.43E-9 * OverallCo*Neighborhood Gilbert - 2.43E-9 * OverallCo*Neighborhood IDOTRR - 2.43E-9 * OverallCo*Neighborhood MeadowV - 2.43E-9 * OverallCo*Neighborhood Mitchel - 2.43E-9 * OverallCo*Neighborhood NAmes - 2.43E-9 * OverallCo*Neighborhood NPkVill - 2.43E-9 * OverallCo*Neighborhood NWAmes - 2.43E-9 * OverallCo*Neighborhood NoRidge - 2.43E-9 * OverallCo*Neighborhood OldTown - 2.43E-9 * OverallCo*Neighborhood SWISU - 2.43E-9 * OverallCo*Neighborhood Sawyer - 2.43E-9 * OverallCo*Neighborhood SawyerW - 2.43E-9 * OverallCo*Neighborhood Somerst - 2.43E-9 * OverallCo*Neighborhood StoneBr - 2.43E-9 * OverallCo*Neighborhood Timber - 865E-12 * YearBuilt*Neighborhood Blmngtn - 864E-12 * YearBuilt*Neighborhood BrDale - 864E-12 * YearBuilt*Neighborhood BrkSide - 864E-12 * YearBuilt*Neighborhood ClearCr - 865E-12 * YearBuilt*Neighborhood CollgCr - 864E-12 * YearBuilt*Neighborhood Crawfor - 864E-12 * YearBuilt*Neighborhood Edwards - 864E-12 * YearBuilt*Neighborhood Gilbert - 864E-12 * YearBuilt*Neighborhood IDOTRR - 865E-12 * YearBuilt*Neighborhood MeadowV - 865E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType OldTown Dup =	Mitchel - 864E-12 * YearBuilt*Neighborhood NAmes - 859E-12 * YearBuilt*Neighborhood NPkVill - 864E-12 * YearBuilt*Neighborhood NWAmes - 865E-12 * YearBuilt*Neighborhood NoRidge - 864E-12 * YearBuilt*Neighborhood NridgHt - 864E-12 * YearBuilt*Neighborhood OldTown - 864E-12 * YearBuilt*Neighborhood SWISU - 864E-12 * YearBuilt*Neighborhood Sawyer - 864E-12 * YearBuilt*Neighborhood SawyerW - 864E-12 * YearBuilt*Neighborhood Somerset - 864E-12 * YearBuilt*Neighborhood StoneBr - 865E-12 * YearBuilt*Neighborhood Timber + 116E-13 * MasVnrAre*Neighborhood Blmgtn + 116E-13 * MasVnrAre*Neighborhood BrDale + 116E-13 * MasVnrAre*Neighborhood BrkSide + 116E-13 * MasVnrAre*Neighborhood ClearCr + 116E-13 * MasVnrAre*Neighborhood CollgCr + 116E-13 * MasVnrAre*Neighborhood Crawfor + 116E-13 * MasVnrAre*Neighborhood Edwards + 116E-13 * MasVnrAre*Neighborhood Gilbert + 116E-13 * MasVnrAre*Neighborhood IDOTRR + 115E-13 * MasVnrAre*Neighborhood MeadowV + 116E-13 * MasVnrAre*Neighborhood Mitchel + 116E-13 * MasVnrAre*Neighborhood NAmes + 116E-13 * MasVnrAre*Neighborhood NWAmes + 116E-13 * MasVnrAre*Neighborhood NoRidge + 116E-13 * MasVnrAre*Neighborhood NridgHt + 116E-13 * MasVnrAre*Neighborhood OldTown + 116E-13 * MasVnrAre*Neighborhood SWISU + 116E-13 * MasVnrAre*Neighborhood Sawyer + 116E-13 * MasVnrAre*Neighborhood SawyerW + 116E-13 * MasVnrAre*Neighborhood Somerset + 116E-13 * MasVnrAre*Neighborhood StoneBr + 116E-13 * MasVnrAre*Neighborhood Timber + 654E-14 * TotalBsmt*Neighborhood Blmgtn + 652E-14 * TotalBsmt*Neighborhood BrDale + 654E-14 * TotalBsmt*Neighborhood BrkSide + 654E-14 * TotalBsmt*Neighborhood ClearCr + 654E-14 * TotalBsmt*Neighborhood CollgCr + 654E-14 * TotalBsmt*Neighborhood Crawfor + 654E-14 * TotalBsmt*Neighborhood Edwards + 654E-14 * TotalBsmt*Neighborhood Gilbert + 654E-14 * TotalBsmt*Neighborhood IDOTRR + 651E-14 * TotalBsmt*Neighborhood MeadowV + 654E-14 * TotalBsmt*Neighborhood Mitchel + 654E-14 * TotalBsmt*Neighborhood NAmes + 654E-14 * TotalBsmt*Neighborhood NPkVill + 654E-14 * TotalBsmt*Neighborhood NWAmes + 654E-14 * TotalBsmt*Neighborhood NoRidge + 654E-14 * TotalBsmt*Neighborhood NridgHt + 654E-14 * TotalBsmt*Neighborhood OldTown + 653E-14 * TotalBsmt*Neighborhood SWISU + 654E-14 * TotalBsmt*Neighborhood Sawyer + 654E-14 * TotalBsmt*Neighborhood SawyerW + 654E-14 * TotalBsmt*Neighborhood Somerset + 654E-14 * TotalBsmt*Neighborhood StoneBr + 654E-14 * TotalBsmt*Neighborhood Timber + 5.04E-9 * FullBath*Neighborhood Blmgtn + 5.04E-9 * FullBath*Neighborhood BrDale + 5.04E-9 * FullBath*Neighborhood BrkSide + 5.04E-9 * FullBath*Neighborhood ClearCr + 5.04E-9 * FullBath*Neighborhood CollgCr + 5.04E-9 * FullBath*Neighborhood Crawfor + 5.04E-9 * FullBath*Neighborhood Edwards + 5.04E-9 * FullBath*Neighborhood Gilbert + 5.04E-9 * FullBath*Neighborhood IDOTRR + 5.05E-9 * FullBath*Neighborhood MeadowV + 5.04E-9 * FullBath*Neighborhood Mitchel + 5.04E-9 * FullBath*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType OldTown Dup =	NAmes + 5.04E-9 * FullBath*Neighborhood NWAmes + 5.04E-9 * FullBath*Neighborhood NoRidge + 5.04E-9 * FullBath*Neighborhood NridgHt + 5.04E-9 * FullBath*Neighborhood OldTown + 5.04E-9 * FullBath*Neighborhood SWISU + 5.04E-9 * FullBath*Neighborhood Sawyer + 5.04E-9 * FullBath*Neighborhood SawyerW + 5.04E-9 * FullBath*Neighborhood Somerst + 5.04E-9 * FullBath*Neighborhood StoneBr + 5.05E-9 * FullBath*Neighborhood Timber - 1.22E-9 * Fireplace*Neighborhood Blmgtn - 1.22E-9 * Fireplace*Neighborhood BrDale - 1.22E-9 * Fireplace*Neighborhood BrkSide - 1.22E-9 * Fireplace*Neighborhood ClearCr - 1.22E-9 * Fireplace*Neighborhood CollgCr - 1.22E-9 * Fireplace*Neighborhood Crawfor - 1.22E-9 * Fireplace*Neighborhood Edwards - 1.22E-9 * Fireplace*Neighborhood Gilbert - 1.22E-9 * Fireplace*Neighborhood IDOTRR - 1.23E-9 * Fireplace*Neighborhood MeadowV - 1.22E-9 * Fireplace*Neighborhood Mitchel - 1.22E-9 * Fireplace*Neighborhood NAmes - 1.22E-9 * Fireplace*Neighborhood NPkVill - 1.22E-9 * Fireplace*Neighborhood NWAmes - 1.22E-9 * Fireplace*Neighborhood NoRidge - 1.22E-9 * Fireplace*Neighborhood NridgHt - 1.22E-9 * Fireplace*Neighborhood OldTown - 1.22E-9 * Fireplace*Neighborhood SWISU - 1.22E-9 * Fireplace*Neighborhood Sawyer - 1.22E-9 * Fireplace*Neighborhood SawyerW - 1.22E-9 * Fireplace*Neighborhood Somerst - 1.22E-9 * Fireplace*Neighborhood StoneBr - 1.22E-9 * Fireplace*Neighborhood Timber - 1.5E-8 * Neighborhood*BldgType Blmgtn 1Fa - 516E-14 * Neighborhood*BldgType BrkSide 1Fa - 1.5E-8 * Neighborhood*BldgType CollgCr 1Fa - 1.5E-8 * Neighborhood*BldgType Crawfor 1Fa - 1.5E-8 * Neighborhood*BldgType Crawfor 2fm - 1.5E-8 * Neighborhood*BldgType Edwards 1Fa - 1.5E-8 * Neighborhood*BldgType Edwards 2fm - 235E-14 * Neighborhood*BldgType Gilbert 1Fa - 1.5E-8 * Neighborhood*BldgType IDOTRR 1Fam - 1.5E-8 * Neighborhood*BldgType IDOTRR 2fmc + 1E-11 * Neighborhood*BldgType MeadowV Twn - 1.5E-8 * Neighborhood*BldgType Mitchel 1Fa - 1.5E-8 * Neighborhood*BldgType Mitchel 2fm + 993E-14 * Neighborhood*BldgType Mitchel Dup - 1.5E-8 * Neighborhood*BldgType NAmes 1Fam - 138E-13 * Neighborhood*BldgType NPkVill Twn - 1.5E-8 * Neighborhood*BldgType NWAmes 1Fam - 1.5E-8 * Neighborhood*BldgType NridgHt 1Fa - 1 * Neighborhood*BldgType OldTown 1Fa - 1 * Neighborhood*BldgType OldTown 2fm + 1.5E-8 * Neighborhood*BldgType Sawyer 1Fam + 1.5E-8 * Neighborhood*BldgType Sawyer 2fmc + 1.5E-8 * Neighborhood*BldgType SawyerW 1Fa + 1.5E-8 * Neighborhood*BldgType Somerst 1Fa + 1.5E-8 * Neighborhood*BldgType StoneBr 1Fa - 696E-14 * Neighborhood*HouseStyle BrkSide 1.5 + 3.9E-9 * Neighborhood*HouseStyle BrkSide 1St + 3.91E-9 * Neighborhood*HouseStyle ClearCr 1St + 934E-14 * Neighborhood*HouseStyle ClearCr 2St + 3.91E-9 * Neighborhood*HouseStyle CollgCr 1St + 943E-14 * Neighborhood*HouseStyle CollgCr 2St + 3.9E-9 * Neighborhood*HouseStyle Crawfor 1St + 3.91E-9 * Neighborhood*HouseStyle Edwards 1St + 99E-13 * Neighborhood*HouseStyle Edwards 2St + 3.91E-9 * Neighborhood*HouseStyle Gilbert 1St + 816E-14 * Neighborhood*HouseStyle Gilbert
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType OldTown Dup =	2St - 717E-14 * Neighborhood*HouseStyle IDOTRR 1.5F + 3.9E-9 * Neighborhood*HouseStyle IDOTRR 1Sto + 3.89E-9 * Neighborhood*HouseStyle MeadowV 1St + 124E-13 * Neighborhood*HouseStyle MeadowV 2St + 3.91E-9 * Neighborhood*HouseStyle Mitchel 1St + 3.91E-9 * Neighborhood*HouseStyle NAmes 1Stor + 971E-14 * Neighborhood*HouseStyle NAmes 2Stor + 3.93E-9 * Neighborhood*HouseStyle NPKVill 1St + 3.91E-9 * Neighborhood*HouseStyle NWAmes 1Sto + 906E-14 * Neighborhood*HouseStyle NWAmes 2Sto + 3.9E-9 * Neighborhood*HouseStyle NoRidge 1St + 3.9E-9 * Neighborhood*HouseStyle NridgHt 1St + 3.91E-9 * Neighborhood*HouseStyle OldTown 1St + 864E-14 * Neighborhood*HouseStyle OldTown 2St - 784E-14 * Neighborhood*HouseStyle SWISU 1.5Fi + 3.9E-9 * Neighborhood*HouseStyle SWISU 1Stor + 3.91E-9 * Neighborhood*HouseStyle Sawyer 1Sto + 105E-13 * Neighborhood*HouseStyle Sawyer 2Sto + 3.91E-9 * Neighborhood*HouseStyle SawyerW 1St + 869E-14 * Neighborhood*HouseStyle SawyerW 2St + 3.9E-9 * Neighborhood*HouseStyle Somerst 1St + 3.9E-9 * Neighborhood*HouseStyle StoneBr 1St + 3.91E-9 * Neighborhood*HouseStyle Timber 1Sto - 233E-13 * GarageCars + 681E-17 * YearBuilt*Garage Cars + 607E-15 * GarageCars*BldgType 1Fam + 161E-14 * GarageCar*HouseStyle 1Story - 127E-13 * GarageCar*HouseStyle 2.5Fin + 122E-14 * GarageCar*HouseStyle 2Story + 199E-14 * GarageCar*HouseStyle SFoyer + 698E-14 * GarageCar*Neighborhood Blmngtn + 102E-13 * GarageCar*Neighborhood BrDale + 981E-14 * GarageCar*Neighborhood BrkSide + 948E-14 * GarageCar*Neighborhood ClearCr + 687E-14 * GarageCar*Neighborhood CollGCr + 762E-14 * GarageCar*Neighborhood Crawfor + 759E-14 * GarageCar*Neighborhood Edwards + 928E-14 * GarageCar*Neighborhood Gilbert + 862E-14 * GarageCar*Neighborhood IDOTRR + 856E-14 * GarageCar*Neighborhood MeadowV + 856E-14 * GarageCar*Neighborhood Mitchel + 802E-14 * GarageCar*Neighborhood NAmes + 771E-14 * GarageCar*Neighborhood NoRidge + 81E-13 * GarageCar*Neighborhood NridgHt + 901E-14 * GarageCar*Neighborhood OldTown + 883E-14 * GarageCar*Neighborhood SWISU + 848E-14 * GarageCar*Neighborhood Sawyer + 828E-14 * GarageCar*Neighborhood SawyerW + 778E-14 * GarageCar*Neighborhood Somerst + 496E-14 * GarageCar*Neighborhood StoneBr
Neighborhood*BldgType OldTown Twn =	0

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType SWISU 2fmCo =	2.82E-7 * Intercept - 2.4E-9 * GrLlvArea_I + 334E-16 * LotArea - 374E-12 * OverallCond - 133E-12 * YearBuilt + 176E-21 * LotArea*YearBuilt + 178E-14 * MasVnrArea + 1E-12 * TotalBsmtSF + 299E-18 * OverallCo*TotalBsmtS + 768E-12 * FullBath + 721E-15 * GrLlvArea_I*FullBath - 184E-12 * Fireplaces - 391E-15 * GrLlvArea*Fireplaces - 214E-14 * LotConfigCorner + 205E-13 * LotConfig CulDSac - 3E-11 * LotConfigFR2 + 109E-13 * LotConfig FR3 + 119E-17 * YearBuilt*LotConfigCorner - 105E-16 * YearBuilt*LotConfigCulDSac + 144E-16 * YearBuilt*LotConfigFR2 - 55E-16 * YearBuilt*LotConfig FR3 - 2.3E-9 * BldgType1Fam - 2.3E-9 * HouseStyle 1.5Unf - 6E-10 * HouseStyle1Story - 2.31E-9 * HouseStyle 2.5Fin - 2.3E-9 * HouseStyle2.5Unf - 157E-14 * HouseStyle2Story + 112E-17 * LotArea*HouseStyle2.5Fin + 2.3E-9 * BldgType*HouseStyle 1Fam1.5Unf + 2.31E-9 * BldgType*HouseStyle 1Fam2.5Fin + 2.3E-9 * BldgType*HouseStyle 1Fam2.5Unf - 2.3E-9 * BldgType*HouseStyle 2fmCon1.5Fi - 2.3E-9 * BldgType*HouseStyle 2fmCon1Stor - 2.3E-9 * BldgType*HouseStyle 2fmCon2Stor - 2.8E-7 * NeighborhoodBlmgtn + 1.02E-8 * NeighborhoodBlueste - 2.82E-7 * NeighborhoodBrDale - 2.8E-7 * NeighborhoodBrkSide - 2.8E-7 * NeighborhoodClearCr - 2.82E-7 * NeighborhoodCollgCr - 2.82E-7 * NeighborhoodCrawfor - 2.82E-7 * NeighborhoodEdwards - 2.8E-7 * NeighborhoodGilbert - 2.82E-7 * NeighborhoodIDOTRR - 2.82E-7 * NeighborhoodMeadowV - 2.82E-7 * NeighborhoodMitchel - 2.82E-7 * NeighborhoodNAmes - 2.82E-7 * NeighborhoodNPKVill - 2.82E-7 * NeighborhoodNWAmes - 2.8E-7 * NeighborhoodNoRidge - 2.8E-7 * NeighborhoodNridgHt - 2.82E-7 * Neighborhood OldTown + 1 * NeighborhoodSWISU - 2.82E-7 * NeighborhoodSawyer - 2.82E-7 * NeighborhoodSawyerW - 2.82E-7 * NeighborhoodSomerst - 2.82E-7 * NeighborhoodStoneBr - 2.8E-7 * NeighborhoodTimber + 2.39E-9 * GrLlvArea*NeighborhoBlmgtn - 1.64E-9 * GrLlvArea*NeighborhoBlueste + 2.4E-9 * GrLlvArea*NeighborhoBrDale + 2.4E-9 * GrLlvArea*NeighborhoBrkSide + 2.4E-9 * GrLlvArea*NeighborhoClearCr + 2.39E-9 * GrLlvArea*NeighborhoCollgCr + 2.4E-9 * GrLlvArea*NeighborhoCrawfor + 2.39E-9 * GrLlvArea*NeighborhoEdwards + 2.39E-9 * GrLlvArea*NeighborhoGilbert + 2.4E-9 * GrLlvArea*NeighborhoIDOTRR + 2.39E-9 * GrLlvArea*NeighborhoMeadowV + 2.39E-9 * GrLlvArea*NeighborhoMitchel + 2.39E-9 * GrLlvArea*NeighborhoNAmes + 2.4E-9 * GrLlvArea*NeighborhoNPKVill + 2.39E-9 * GrLlvArea*NeighborhoNWAmes + 2.39E-9 * GrLlvArea*NeighborhoNoRidge + 2.39E-9 * GrLlvArea*NeighborhoNridgHt + 2.39E-9 * GrLlvArea*NeighborhoOldTown + 2.39E-9 * GrLlvArea*NeighborhoSWISU + 2.39E-9 * GrLlvArea*NeighborhoSawyer + 2.39E-9 * GrLlvArea*NeighborhoSawyerW + 2.39E-9 * GrLlvArea*NeighborhoSomerst + 2.39E-9 * GrLlvArea*NeighborhoStoneBr + 2.4E-9 * GrLlvArea*NeighborhoTimber - 336E-16 * LotArea*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType SWISU 2fmCo =	<pre> Blmgtn - 336E-16 * LotArea*Neighborhood BrDale - 337E-16 * LotArea*Neighborhood BrkSide - 337E-16 * LotArea*Neighborhood ClearCr - 337E-16 * LotArea*Neighborhood CollgCr - 337E-16 * LotArea*Neighborhood Crawfor - 337E-16 * LotArea*Neighborhood Edwards - 337E-16 * LotArea*Neighborhood Gilbert - 337E-16 * LotArea*Neighborhood IDOTRR - 338E-16 * LotArea*Neighborhood MeadowV - 337E-16 * LotArea*Neighborhood Mitchel - 337E-16 * LotArea*Neighborhood NAmes - 335E-16 * LotArea*Neighborhood NPKVill - 336E-16 * LotArea*Neighborhood NWAmes - 337E-16 * LotArea*Neighborhood NoRidge - 337E-16 * LotArea*Neighborhood NridgHt - 337E-16 * LotArea*Neighborhood OldTown - 337E-16 * LotArea*Neighborhood SWISU - 337E-16 * LotArea*Neighborhood Sawyer - 337E-16 * LotArea*Neighborhood SawyerW - 336E-16 * LotArea*Neighborhood Somerst - 337E-16 * LotArea*Neighborhood StoneBr - 337E-16 * LotArea*Neighborhood Timber + 373E-12 * OverallCo*Neighborho BrDale + 373E-12 * OverallCo*Neighborho BrkSide + 373E-12 * OverallCo*Neighborho ClearCr + 373E-12 * OverallCo*Neighborho CollgCr + 373E-12 * OverallCo*Neighborho Crawfor + 373E-12 * OverallCo*Neighborho Edwards + 373E-12 * OverallCo*Neighborho Gilbert + 373E-12 * OverallCo*Neighborho IDOTRR + 373E-12 * OverallCo*Neighborho MeadowV + 373E-12 * OverallCo*Neighborho Mitchel + 373E-12 * OverallCo*Neighborho NAmes + 373E-12 * OverallCo*Neighborho NPKVill + 373E-12 * OverallCo*Neighborho NWAmes + 373E-12 * OverallCo*Neighborho NoRidge + 373E-12 * OverallCo*Neighborho OldTown + 373E-12 * OverallCo*Neighborho SWISU + 373E-12 * OverallCo*Neighborho Sawyer + 373E-12 * OverallCo*Neighborho SawyerW + 373E-12 * OverallCo*Neighborho Somerst + 373E-12 * OverallCo*Neighborho StoneBr + 373E-12 * OverallCo*Neighborho Timber + 133E-12 * YearBuilt*Neighborho Blmgtn + 133E-12 * YearBuilt*Neighborho BrDale + 133E-12 * YearBuilt*Neighborho BrkSide + 133E-12 * YearBuilt*Neighborho ClearCr + 133E-12 * YearBuilt*Neighborho CollgCr + 133E-12 * YearBuilt*Neighborho Crawfor + 133E-12 * YearBuilt*Neighborho Edwards + 133E-12 * YearBuilt*Neighborho Gilbert + 133E-12 * YearBuilt*Neighborho IDOTRR + 133E-12 * YearBuilt*Neighborho MeadowV + 133E-12 * YearBuilt*Neighborho Mitchel + 133E-12 * YearBuilt*Neighborho NAmes + 132E-12 * YearBuilt*Neighborho NPKVill + 133E-12 * YearBuilt*Neighborho NWAmes + 133E-12 * YearBuilt*Neighborho NoRidge + 133E-12 * YearBuilt*Neighborho NridgHt + 133E-12 * YearBuilt*Neighborho OldTown + 133E-12 * YearBuilt*Neighborho SWISU + 133E-12 * YearBuilt*Neighborho Sawyer + 133E-12 * YearBuilt*Neighborho SawyerW + 133E-12 * YearBuilt*Neighborho Somerst + 133E-12 * YearBuilt*Neighborho StoneBr + 133E-12 * YearBuilt*Neighborho Timber - 177E-14 * MasVnrAre*Neighborho Blmgtn - 177E-14 * MasVnrAre*Neighborho BrDale - 178E-14 * MasVnrAre*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType SWISU 2fmCo =	BrkSide - 177E-14 * MasVnrAre*Neighborhood ClearCr - 177E-14 * MasVnrAre*Neighborhood CollgCr - 177E-14 * MasVnrAre*Neighborhood Crawfor - 177E-14 * MasVnrAre*Neighborhood Edwards - 177E-14 * MasVnrAre*Neighborhood Gilbert - 177E-14 * MasVnrAre*Neighborhood IDOTRR - 176E-14 * MasVnrAre*Neighborhood MeadowV - 177E-14 * MasVnrAre*Neighborhood Mitchel - 177E-14 * MasVnrAre*Neighborhood NAmes - 177E-14 * MasVnrAre*Neighborhood NWAmes - 177E-14 * MasVnrAre*Neighborhood NoRidge - 177E-14 * MasVnrAre*Neighborhood NridgHt - 177E-14 * MasVnrAre*Neighborhood OldTown - 178E-14 * MasVnrAre*Neighborhood SWISU - 177E-14 * MasVnrAre*Neighborhood Sawyer - 177E-14 * MasVnrAre*Neighborhood SawyerW - 177E-14 * MasVnrAre*Neighborhood Somerset - 177E-14 * MasVnrAre*Neighborhood StoneBr - 177E-14 * MasVnrAre*Neighborhood Timber - 1E-12 * TotalBsmt*Neighborhood Blmngtn - 101E-14 * TotalBsmt*Neighborhood BrDale - 1E-12 * TotalBsmt*Neighborhood BrkSide - 1E-12 * TotalBsmt*Neighborhood ClearCr - 1E-12 * TotalBsmt*Neighborhood CollgCr - 1E-12 * TotalBsmt*Neighborhood Crawfor - 1E-12 * TotalBsmt*Neighborhood Edwards - 1E-12 * TotalBsmt*Neighborhood Gilbert - 1E-12 * TotalBsmt*Neighborhood IDOTRR - 1E-12 * TotalBsmt*Neighborhood MeadowV - 1E-12 * TotalBsmt*Neighborhood Mitchel - 1E-12 * TotalBsmt*Neighborhood NAmes - 1E-12 * TotalBsmt*Neighborhood NPkVill - 1E-12 * TotalBsmt*Neighborhood NWAmes - 1E-12 * TotalBsmt*Neighborhood NoRidge - 1E-12 * TotalBsmt*Neighborhood NridgHt - 1E-12 * TotalBsmt*Neighborhood OldTown - 1E-12 * TotalBsmt*Neighborhood SWISU - 1E-12 * TotalBsmt*Neighborhood Sawyer - 1E-12 * TotalBsmt*Neighborhood SawyerW - 1E-12 * TotalBsmt*Neighborhood Somerset - 1E-12 * TotalBsmt*Neighborhood StoneBr - 1E-12 * TotalBsmt*Neighborhood Timber - 774E-12 * FullBath*Neighborhood Blmngtn - 774E-12 * FullBath*Neighborhood BrDale - 774E-12 * FullBath*Neighborhood BrkSide - 774E-12 * FullBath*Neighborhood ClearCr - 774E-12 * FullBath*Neighborhood CollgCr - 774E-12 * FullBath*Neighborhood Crawfor - 774E-12 * FullBath*Neighborhood Edwards - 773E-12 * FullBath*Neighborhood Gilbert - 774E-12 * FullBath*Neighborhood IDOTRR - 775E-12 * FullBath*Neighborhood MeadowV - 774E-12 * FullBath*Neighborhood Mitchel - 774E-12 * FullBath*Neighborhood NAmes - 774E-12 * FullBath*Neighborhood NWAmes - 774E-12 * FullBath*Neighborhood NoRidge - 774E-12 * FullBath*Neighborhood NridgHt - 774E-12 * FullBath*Neighborhood OldTown - 774E-12 * FullBath*Neighborhood SWISU - 774E-12 * FullBath*Neighborhood Sawyer - 774E-12 * FullBath*Neighborhood SawyerW - 774E-12 * FullBath*Neighborhood Somerset - 774E-12 * FullBath*Neighborhood StoneBr - 775E-12 * FullBath*Neighborhood Timber + 187E-12 * Fireplace*Neighborhood Blmngtn + 187E-12 * Fireplace*Neighborhood BrDale + 187E-12 * Fireplace*Neighborhood BrkSide + 187E-12 * Fireplace*Neighborhood ClearCr + 187E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType SWISU 2fmCo =	CollgCr + 187E-12 * Fireplace*Neighborhood Crawfor + 187E-12 * Fireplace*Neighborhood Edwards + 187E-12 * Fireplace*Neighborhood Gilbert + 187E-12 * Fireplace*Neighborhood IDOTRR + 188E-12 * Fireplace*Neighborhood MeadowV + 187E-12 * Fireplace*Neighborhood Mitchel + 187E-12 * Fireplace*Neighborhood NAmes + 187E-12 * Fireplace*Neighborhood NPkVill + 187E-12 * Fireplace*Neighborhood NWAmes + 187E-12 * Fireplace*Neighborhood NoRidge + 187E-12 * Fireplace*Neighborhood NridgHt + 187E-12 * Fireplace*Neighborhood OldTown + 187E-12 * Fireplace*Neighborhood SWISU + 187E-12 * Fireplace*Neighborhood Sawyer + 187E-12 * Fireplace*Neighborhood SawyerW + 187E-12 * Fireplace*Neighborhood Somerst + 187E-12 * Fireplace*Neighborhood StoneBr + 187E-12 * Fireplace*Neighborhood Timber + 2.3E-9 * Neighborhood*BldgType Blmngtn 1Fa + 2.3E-9 * Neighborhood*BldgType CollgCr 1Fa + 2.3E-9 * Neighborhood*BldgType Crawfor 1Fa + 2.3E-9 * Neighborhood*BldgType Crawfor 2fm + 2.3E-9 * Neighborhood*BldgType Edwards 1Fa + 2.3E-9 * Neighborhood*BldgType Edwards 2fm + 2.3E-9 * Neighborhood*BldgType IDOTRR 1Fam + 2.3E-9 * Neighborhood*BldgType IDOTRR 2fmc + 2.3E-9 * Neighborhood*BldgType Mitchel 1Fa + 2.3E-9 * Neighborhood*BldgType Mitchel 2fm + 2.3E-9 * Neighborhood*BldgType NAmes 1Fam + 2.3E-9 * Neighborhood*BldgType NWAmes 1Fam + 2.3E-9 * Neighborhood*BldgType NridgHt 1Fa + 2.3E-9 * Neighborhood*BldgType OldTown 1Fa + 2.3E-9 * Neighborhood*BldgType OldTown 2fm - Neighborhood*BldgType SWISU 1Fam - 2.3E-9 * Neighborhood*BldgType Sawyer 1Fam - 2.3E-9 * Neighborhood*BldgType Sawyer 2fmc - 2.3E-9 * Neighborhood*BldgType SawyerW 1Fa - 2.3E-9 * Neighborhood*BldgType Somerst 1Fa - 2.3E-9 * Neighborhood*BldgType StoneBr 1Fa - 599E-12 * Neighborhood*HouseStyle BrkSide 1St - 6E-10 * Neighborhood*HouseStyle ClearCr 1St - 6E-10 * Neighborhood*HouseStyle CollgCr 1St - 598E-12 * Neighborhood*HouseStyle Crawfor 1St - 6E-10 * Neighborhood*HouseStyle Edwards 1St - 6E-10 * Neighborhood*HouseStyle Gilbert 1St - 598E-12 * Neighborhood*HouseStyle IDOTRR 1Sto - 597E-12 * Neighborhood*HouseStyle MeadowV 1St - 6E-10 * Neighborhood*HouseStyle Mitchel 1St - 6E-10 * Neighborhood*HouseStyle NAmes 1Stor - 602E-12 * Neighborhood*HouseStyle NPkVill 1St - 599E-12 * Neighborhood*HouseStyle NWAmes 1Sto - 598E-12 * Neighborhood*HouseStyle NoRidge 1St - 598E-12 * Neighborhood*HouseStyle NridgHt 1St - 6E-10 * Neighborhood*HouseStyle OldTown 1St - 598E-12 * Neighborhood*HouseStyle SWISU 1Stor - 6E-10 * Neighborhood*HouseStyle Sawyer 1Sto - 6E-10 * Neighborhood*HouseStyle SawyerW 1St - 599E-12 * Neighborhood*HouseStyle Somerst 1St - 598E-12 * Neighborhood*HouseStyle StoneBr 1St - 6E-10 * Neighborhood*HouseStyle Timber 1Sto + 446E-14 * GarageCars - 149E-17 * YearBuilt*Garage Cars + 386E-14 * GarageCar*HouseStyle 2.5Fin - 105E-14 * GarageCar*Neighborhood CollgCr - 142E-14 * GarageCar*Neighborhood Gilbert - 124E-14 * GarageCar*Neighborhood NAmes - 119E-14 * GarageCar*Neighborhood NoRidge - 123E-14 * GarageCar*Neighborhood NridgHt - 141E-14 * GarageCar*Neighborhood OldTown - 119E-14 * GarageCar*Neighborhood Somerst
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Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborhoo*BldgType SWISU Duplex =	0
Neighborhoo*BldgType SWISU Twnhs =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Sawyer Dupl =	<pre> 3.55E-7 * Intercept - 3E-9 * GrLlvArea_I + 419E-16 * LotArea - 469E-12 * OverallCond - 167E-12 * YearBuilt + 239E-21 * Lot Area*YearBuilt + 221E-14 * MasVnrArea + 125E-14 * TotalBsmt SF + 364E-18 * OverallCo*TotalBsmtS + 964E-12 * FullBath + 814E-15 * GrLlvArea_I*FullBath - 234E-12 * Fireplaces - 53E-14 * GrLlvArea_Fireplaces - 346E-14 * LotConfig Corner + 253E-13 * LotConfig CulDSac - 382E-13 * LotConfig FR2 + 189E-17 * YearBuilt*LotConfig Corner - 13E-15 * YearBuilt*LotConfig CulDSac + 183E-16 * YearBuilt*LotConfig FR2 - 2.9E-9 * BldgType 1Fam - 2.89E-9 * HouseStyle 1.5Unf - 752E-12 * HouseStyle 1Story - 2.9E-9 * HouseStyle 2.5Fin - 2.89E-9 * HouseStyle 2.5Unf - 266E-14 * HouseStyle 2Story + 2.89E-9 * BldgType*HouseStyle 1Fam 1.5Unf + 2.9E-9 * BldgType*HouseStyle 1Fam 2.5Fin + 2.89E-9 * BldgType*HouseStyle 1Fam 2.5Unf - 2.89E-9 * BldgType*HouseStyle 2fmCon 1.5Fi - 2.89E-9 * BldgType*HouseStyle 2fmCon 1Stor - 2.89E-9 * BldgType*HouseStyle 2fmCon 2Stor - 3.52E-7 * Neighborhood Blmgtn + 1.28E-8 * Neighborhood Blueste - 3.55E-7 * Neighborhood BrDale - 3.52E-7 * Neighborhood BrkSide - 3.52E-7 * Neighborhood ClearCr - 3.55E-7 * Neighborhood CollgCr - 3.55E-7 * Neighborhood Crawfor - 3.55E-7 * Neighborhood Edwards - 3.52E-7 * Neighborhood Gilbert - 3.55E-7 * Neighborhood IDOTRR - 3.55E-7 * Neighborhood MeadowV - 3.55E-7 * Neighborhood Mitchel - 3.55E-7 * Neighborhood NAmes - 3.56E-7 * Neighborhood NPKVill - 3.55E-7 * Neighborhood NWAmes - 3.52E-7 * Neighborhood NoRidge - 3.52E-7 * Neighborhood NridgHt - 3.55E-7 * Neighborhood OldTown - 3.52E-7 * Neighborhood SWISU + 1 * Neighborhood Sawyer - 3.55E-7 * Neighborhood SawyerW - 3.55E-7 * Neighborhood Somerst - 3.55E-7 * Neighborhood StoneBr - 3.52E-7 * Neighborhood Timber + 3E-9 * GrLlvArea*Neighborhood Blmgtn - 2.05E-9 * GrLlvArea*Neighborhood Blueste + 3E-9 * GrLlvArea*Neighborhood BrDale + 3E-9 * GrLlvArea*Neighborhood BrkSide + 3E-9 * GrLlvArea*Neighborhood ClearCr + 3E-9 * GrLlvArea*Neighborhood CollgCr + 3E-9 * GrLlvArea*Neighborhood Crawfor + 3E-9 * GrLlvArea*Neighborhood Edwards + 3E-9 * GrLlvArea*Neighborhood Gilbert + 3E-9 * GrLlvArea*Neighborhood IDOTRR + 3E-9 * GrLlvArea*Neighborhood MeadowV + 3E-9 * GrLlvArea*Neighborhood Mitchel + 3E-9 * GrLlvArea*Neighborhood NAmes + 3E-9 * GrLlvArea*Neighborhood NPKVill + 3E-9 * GrLlvArea*Neighborhood NWAmes + 3E-9 * GrLlvArea*Neighborhood NoRidge + 3E-9 * GrLlvArea*Neighborhood NridgHt + 3E-9 * GrLlvArea*Neighborhood OldTown + 3E-9 * GrLlvArea*Neighborhood SWISU + 3E-9 * GrLlvArea*Neighborhood Sawyer + 3E-9 * GrLlvArea*Neighborhood SawyerW + 3E-9 * GrLlvArea*Neighborhood Somerst + 3E-9 * GrLlvArea*Neighborhood StoneBr + 3E-9 * GrLlvArea*Neighborhood Timber - 415E-16 * LotArea*Neighborhood Blmgtn - 422E-16 * LotArea*Neighborhood BrDale - 423E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Sawyer Dupl =	BrkSide - 423E-16 * LotArea*Neighborhood ClearCr - 423E-16 * LotArea*Neighborhood CollgCr - 423E-16 * LotArea*Neighborhood Crawfor - 423E-16 * LotArea*Neighborhood Edwards - 423E-16 * LotArea*Neighborhood Gilbert - 423E-16 * LotArea*Neighborhood IDOTRR - 42E-15 * LotArea*Neighborhood MeadowV - 423E-16 * LotArea*Neighborhood Mitchel - 423E-16 * LotArea*Neighborhood NAmes - 424E-16 * LotArea*Neighborhood NPkVill - 423E-16 * LotArea*Neighborhood NWAmes - 423E-16 * LotArea*Neighborhood NoRidge - 423E-16 * LotArea*Neighborhood NridgHt - 423E-16 * LotArea*Neighborhood OldTown - 423E-16 * LotArea*Neighborhood SWISU - 423E-16 * LotArea*Neighborhood Sawyer - 423E-16 * LotArea*Neighborhood SawyerW - 422E-16 * LotArea*Neighborhood Somerst - 423E-16 * LotArea*Neighborhood StoneBr - 423E-16 * LotArea*Neighborhood Timber + 468E-12 * OverallCo*Neighborho BrDale + 468E-12 * OverallCo*Neighborho BrkSide + 468E-12 * OverallCo*Neighborho ClearCr + 468E-12 * OverallCo*Neighborho CollgCr + 468E-12 * OverallCo*Neighborho Crawfor + 468E-12 * OverallCo*Neighborho Edwards + 468E-12 * OverallCo*Neighborho Gilbert + 468E-12 * OverallCo*Neighborho IDOTRR + 468E-12 * OverallCo*Neighborho MeadowV + 468E-12 * OverallCo*Neighborho Mitchel + 468E-12 * OverallCo*Neighborho NAmes + 469E-12 * OverallCo*Neighborho NPkVill + 468E-12 * OverallCo*Neighborho NWAmes + 468E-12 * OverallCo*Neighborho NoRidge + 468E-12 * OverallCo*Neighborho OldTown + 468E-12 * OverallCo*Neighborho SWISU + 468E-12 * OverallCo*Neighborho Sawyer + 468E-12 * OverallCo*Neighborho SawyerW + 468E-12 * OverallCo*Neighborho Somerst + 468E-12 * OverallCo*Neighborho StoneBr + 467E-12 * OverallCo*Neighborho Timber + 167E-12 * YearBuilt*Neighborho Blmngtn + 167E-12 * YearBuilt*Neighborho BrDale + 167E-12 * YearBuilt*Neighborho BrkSide + 167E-12 * YearBuilt*Neighborho ClearCr + 167E-12 * YearBuilt*Neighborho CollgCr + 167E-12 * YearBuilt*Neighborho Crawfor + 167E-12 * YearBuilt*Neighborho Edwards + 167E-12 * YearBuilt*Neighborho Gilbert + 167E-12 * YearBuilt*Neighborho IDOTRR + 167E-12 * YearBuilt*Neighborho MeadowV + 167E-12 * YearBuilt*Neighborho Mitchel + 167E-12 * YearBuilt*Neighborho NAmes + 166E-12 * YearBuilt*Neighborho NPkVill + 167E-12 * YearBuilt*Neighborho NWAmes + 167E-12 * YearBuilt*Neighborho NoRidge + 167E-12 * YearBuilt*Neighborho NridgHt + 167E-12 * YearBuilt*Neighborho OldTown + 167E-12 * YearBuilt*Neighborho SWISU + 167E-12 * YearBuilt*Neighborho Sawyer + 167E-12 * YearBuilt*Neighborho SawyerW + 167E-12 * YearBuilt*Neighborho Somerst + 167E-12 * YearBuilt*Neighborho StoneBr + 167E-12 * YearBuilt*Neighborho Timber - 221E-14 * MasVnrAre*Neighborho Blmngtn - 221E-14 * MasVnrAre*Neighborho BrDale - 221E-14 * MasVnrAre*Neighborho BrkSide - 221E-14 * MasVnrAre*Neighborho ClearCr - 221E-14 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Sawyer Dupl =	CollgCr - 221E-14 * MasVnrAre*Neighborhood Crawfor - 221E-14 * MasVnrAre*Neighborhood Edwards - 221E-14 * MasVnrAre*Neighborhood Gilbert - 221E-14 * MasVnrAre*Neighborhood IDOTRR - 219E-14 * MasVnrAre*Neighborhood MeadowV - 221E-14 * MasVnrAre*Neighborhood Mitchel - 221E-14 * MasVnrAre*Neighborhood NAmes - 221E-14 * MasVnrAre*Neighborhood NWAmes - 221E-14 * MasVnrAre*Neighborhood NoRidge - 221E-14 * MasVnrAre*Neighborhood NridgHt - 221E-14 * MasVnrAre*Neighborhood OldTown - 221E-14 * MasVnrAre*Neighborhood SWISU - 221E-14 * MasVnrAre*Neighborhood Sawyer - 221E-14 * MasVnrAre*Neighborhood SawyerW - 221E-14 * MasVnrAre*Neighborhood Somerst - 221E-14 * MasVnrAre*Neighborhood StoneBr - 221E-14 * MasVnrAre*Neighborhood Timber - 125E-14 * TotalBsmt*Neighborhood Blmgtn - 126E-14 * TotalBsmt*Neighborhood BrDale - 125E-14 * TotalBsmt*Neighborhood BrkSide - 125E-14 * TotalBsmt*Neighborhood ClearCr - 125E-14 * TotalBsmt*Neighborhood CollgCr - 125E-14 * TotalBsmt*Neighborhood Crawfor - 125E-14 * TotalBsmt*Neighborhood Edwards - 125E-14 * TotalBsmt*Neighborhood Gilbert - 125E-14 * TotalBsmt*Neighborhood IDOTRR - 125E-14 * TotalBsmt*Neighborhood MeadowV - 125E-14 * TotalBsmt*Neighborhood Mitchel - 125E-14 * TotalBsmt*Neighborhood NAmes - 125E-14 * TotalBsmt*Neighborhood NPKVIII - 125E-14 * TotalBsmt*Neighborhood NWAmes - 125E-14 * TotalBsmt*Neighborhood NoRidge - 125E-14 * TotalBsmt*Neighborhood NridgHt - 125E-14 * TotalBsmt*Neighborhood OldTown - 125E-14 * TotalBsmt*Neighborhood SWISU - 125E-14 * TotalBsmt*Neighborhood Sawyer - 125E-14 * TotalBsmt*Neighborhood SawyerW - 125E-14 * TotalBsmt*Neighborhood Somerst - 125E-14 * TotalBsmt*Neighborhood StoneBr - 125E-14 * TotalBsmt*Neighborhood Timber - 97E-11 * FullBath*Neighborhood Blmgtn - 97E-11 * FullBath*Neighborhood BrDale - 97E-11 * FullBath*Neighborhood BrkSide - 97E-11 * FullBath*Neighborhood ClearCr - 97E-11 * FullBath*Neighborhood CollgCr - 97E-11 * FullBath*Neighborhood Crawfor - 97E-11 * FullBath*Neighborhood Edwards - 969E-12 * FullBath*Neighborhood Gilbert - 97E-11 * FullBath*Neighborhood IDOTRR - 972E-12 * FullBath*Neighborhood MeadowV - 97E-11 * FullBath*Neighborhood Mitchel - 97E-11 * FullBath*Neighborhood NAmes - 97E-11 * FullBath*Neighborhood NWAmes - 97E-11 * FullBath*Neighborhood NoRidge - 97E-11 * FullBath*Neighborhood NridgHt - 97E-11 * FullBath*Neighborhood OldTown - 97E-11 * FullBath*Neighborhood SWISU - 97E-11 * FullBath*Neighborhood Sawyer - 97E-11 * FullBath*Neighborhood SawyerW - 97E-11 * FullBath*Neighborhood Somerst - 97E-11 * FullBath*Neighborhood StoneBr - 972E-12 * FullBath*Neighborhood Timber + 237E-12 * Fireplace*Neighborhood Blmgtn + 237E-12 * Fireplace*Neighborhood BrDale + 237E-12 * Fireplace*Neighborhood BrkSide + 237E-12 * Fireplace*Neighborhood ClearCr + 237E-12 * Fireplace*Neighborhood CollgCr + 237E-12 * Fireplace*Neighborhood Crawfor + 237E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType Sawyer Dupl =	Edwards + 238E-12 * Fireplace*Neighborho Gilbert + 237E-12 * Fireplace*Neighborho IDOTRR + 239E-12 * Fireplace*Neighborho MeadowV + 237E-12 * Fireplace*Neighborho Mitchel + 237E-12 * Fireplace*Neighborho NAmes + 238E-12 * Fireplace*Neighborho NPkVill + 237E-12 * Fireplace*Neighborho NWAmes + 238E-12 * Fireplace*Neighborho NoRidge + 238E-12 * Fireplace*Neighborho NridgHt + 237E-12 * Fireplace*Neighborho OldTown + 237E-12 * Fireplace*Neighborho SWISU + 237E-12 * Fireplace*Neighborho Sawyer + 237E-12 * Fireplace*Neighborho SawyerW + 237E-12 * Fireplace*Neighborho Somerst + 238E-12 * Fireplace*Neighborho StoneBr + 238E-12 * Fireplace*Neighborho Timber + 2.89E-9 * Neighborhoo*BldgType Blmgtn 1Fa + 2.9E-9 * Neighborhoo*BldgType CollgCr 1Fa + 2.89E-9 * Neighborhoo*BldgType Crawfor 1Fa + 2.89E-9 * Neighborhoo*BldgType Crawfor 2fm + 2.89E-9 * Neighborhoo*BldgType Edwards 1Fa + 2.89E-9 * Neighborhoo*BldgType Edwards 2fm + 2.9E-9 * Neighborhoo*BldgType IDOTRR 1Fam + 2.89E-9 * Neighborhoo*BldgType IDOTRR 2fmc + 2.89E-9 * Neighborhoo*BldgType Mitchel 1Fa + 2.89E-9 * Neighborhoo*BldgType Mitchel 2fm + 2.9E-9 * Neighborhoo*BldgType NAmes 1Fam + 2.9E-9 * Neighborhoo*BldgType NWAmes 1Fam + 2.9E-9 * Neighborhoo*BldgType NridgHt 1Fa + 2.9E-9 * Neighborhoo*BldgType OldTown 1Fa + 2.89E-9 * Neighborhoo*BldgType OldTown 2fm - 1 * Neighborhoo*BldgType Sawyer 1Fam - 1 * Neighborhoo*BldgType Sawyer 2fmc - 2.9E-9 * Neighborhoo*BldgType SawyerW 1Fa - 2.89E-9 * Neighborhoo*BldgType Somerst 1Fa - 2.9E-9 * Neighborhoo*BldgType StoneBr 1Fa - 749E-12 * Neighborh*HouseStyle BrkSide 1St - 751E-12 * Neighborh*HouseStyle ClearCr 1St - 751E-12 * Neighborh*HouseStyle CollgCr 1St - 749E-12 * Neighborh*HouseStyle Crawfor 1St - 751E-12 * Neighborh*HouseStyle Edwards 1St - 751E-12 * Neighborh*HouseStyle Gilbert 1St - 749E-12 * Neighborh*HouseStyle IDOTRR 1Sto - 747E-12 * Neighborh*HouseStyle MeadowV 1St - 751E-12 * Neighborh*HouseStyle Mitchel 1St - 751E-12 * Neighborh*HouseStyle NAmes 1Stor - 752E-12 * Neighborh*HouseStyle NPkVill 1St - 75E-11 * Neighborh*HouseStyle NWAmes 1Sto - 749E-12 * Neighborh*HouseStyle NoRidge 1St - 749E-12 * Neighborh*HouseStyle NridgHt 1St - 751E-12 * Neighborh*HouseStyle OldTown 1St - 748E-12 * Neighborh*HouseStyle SWISU 1Stor - 751E-12 * Neighborh*HouseStyle Sawyer 1Sto - 751E-12 * Neighborh*HouseStyle SawyerW 1St - 749E-12 * Neighborh*HouseStyle Somerst 1St - 749E-12 * Neighborh*HouseStyle StoneBr 1St - 751E-12 * Neighborh*HouseStyle Timber 1Sto + 641E-14 * GarageCars - 219E-17 * YearBuilt*Garage Cars - 15E-13 * GarageCar*Neighborho CollgCr - 194E-14 * GarageCar*Neighborho Gilbert - 175E-14 * GarageCar*Neighborho NAmes - 164E-14 * GarageCar*Neighborho NoRidge - 173E-14 * GarageCar*Neighborho NridgHt - 198E-14 * GarageCar*Neighborho OldTown - 169E-14 * GarageCar*Neighborho Somerst
Neighborhoo*BldgType Sawyer Twnh =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborhood*BldgType SawyerW 2fm =	0
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType SawyerW Dup =	<pre> 3.42E-6 * Intercept - 2.9E-8 * GrLlvArea_I + 405E-15 * LotArea - 4.53E-9 * OverallCond - 1.61E-9 * YearBuilt + 207E-20 * Lot Area*YearBuilt + 215E-13 * MasVnrArea - 194E-17 * GrLlvArea* MasVnrArea + 121E-13 * TotalBsmtSF + 357E-17 * OverallCo* TotalBsmtS + 9.31E-9 * FullBath + 88E-13 * GrLlvArea_I*Full Bath - 2.23E-9 * Fireplaces - 514E-14 * GrLlvArea*Fireplaces - 285E-13 * LotConfig Corner + 248E-12 * LotConfig CulDSac - 365E-12 * LotConfig FR2 + 121E-12 * LotConfig FR3 + 157E-16 * YearBuilt*LotConfig Corner - 127E-15 * YearBuilt*LotConfig CulDSac + 175E-15 * YearBuilt*LotConfig FR2 - 611E-16 * YearBuilt*LotConfig FR3 - 2.79E-8 * BldgType 1Fam - 526E-14 * BldgType 2fmCon + BldgType Duplex + 291E-13 * BldgType Twnhs - 799E-14 * HouseStyle 1.5Fin - 2.79E-8 * HouseStyle 1.5Unf - 7.27E-9 * HouseStyle 1Story - 2.8E-8 * HouseStyle 2.5Fin - 2.79E-8 * HouseStyle 2.5Unf - 193E-13 * HouseStyle 2Story - 817E-14 * HouseStyle SFoyer - 554E-18 * LotArea*HouseStyle 1.5Fin - 568E-18 * LotArea*HouseStyle 1Story + 568E-17 * LotArea*HouseStyle 2.5Fin - 186E-17 * LotArea*HouseStyle 2.5Unf - 649E-18 * LotArea*HouseStyle 2Story + 408E-14 * Fireplace*HouseStyle 1.5Fin + 221E-14 * Fireplace*HouseStyle 1Story - 125E-13 * Fireplace*HouseStyle 2.5Fin + 735E-14 * Fireplace*HouseStyle 2.5Unf + 303E-14 * Fireplace*HouseStyle 2Story + 599E-14 * BldgType*HouseStyle 1Fam 1.5Fin + 2.79E-8 * BldgType*HouseStyle 1Fam 1.5Unf + 349E-14 * BldgType*HouseStyle 1Fam 1Story + 2.79E-8 * BldgType*HouseStyle 1Fam 2.5Fin + 2.79E-8 * BldgType*HouseStyle 1Fam 2.5Unf + 32E-13 * BldgType*HouseStyle 1Fam 2Story - 2.79E-8 * BldgType*HouseStyle 2fmCon 1.5Fi - 2.79E-8 * BldgType*HouseStyle 2fmCon 1Stor - 2.79E-8 * BldgType*HouseStyle 2fmCon 2Stor - 248E-13 * BldgType*HouseStyle Twnhs 1Story - 231E-13 * BldgType*HouseStyle Twnhs 2Story - 3.39E-6 * Neighborhood Blmngtn + 1.23E-7 * Neighborhood Blueste - 3.42E-6 * Neighborhood BrDale - 3.39E-6 * Neighborhood BrkSide - 3.39E-6 * Neighborhood ClearCr - 3.42E-6 * Neighborhood CollgCr - 3.42E-6 * Neighborhood Crawfor - 3.42E-6 * Neighborhood Edwards - 3.39E-6 * Neighborhood Gilbert - 1 * Neighborhood IDOTRR - 3.42E-6 * Neighborhood MeadowV - 3.42E-6 * Neighborhood Mitchel - 3.42E-6 * Neighborhood NAmes - 3.42E-6 * Neighborhood NPKVill - 1 * Neighborhood NWAmes - 3.39E-6 * Neighborhood NoRidge - 3.4E-6 * Neighborhood NridgHt - 1 * Neighborhood OldTown - 3.39E-6 * Neighborhood SWISU - 1 * Neighborhood Sawyer - 3.42E-6 * Neighborhood SawyerW - 3.42E-6 * Neighborhood Somerst - 3.42E-6 * Neighborhood StoneBr - 3.39E-6 * Neighborhood Timber + 2.9E-8 * GrLlvArea*Neighborho Blmngtn - 1.99E-8 * GrLlvArea*Neighborho Blueste + 2.9E-8 * GrLlvArea*Neighborho BrDale + 2.9E-8 * GrLlvArea*Neighborho BrkSide + 2.9E-8 * GrLlvArea*Neighborho ClearCr + 2.9E-8 * GrLlvArea*Neighborho CollgCr + 2.9E-8 * GrLlvArea*Neighborho Crawfor + 2.9E-8 * GrLlvArea*Neighborho Edwards + 2.9E-8 * GrLlvArea*Neighborho Gilbert + 2.9E-8 * GrLlvArea*Neighborho IDOTRR + 2.9E-8 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType SawyerW Dup =	MeadowV + 2.9E-8 * GrLlvArea*Neighborhood Mitchel + 2.9E-8 * GrLlvArea*Neighborhood NAmes + 2.91E-8 * GrLlvArea*Neighborhood NPkVill + 2.9E-8 * GrLlvArea*Neighborhood NWAmes + 2.9E-8 * GrLlvArea*Neighborhood NoRidge + 2.9E-8 * GrLlvArea*Neighborhood NridgHt + 2.9E-8 * GrLlvArea*Neighborhood OldTown + 2.9E-8 * GrLlvArea*Neighborhood SWISU + 2.9E-8 * GrLlvArea*Neighborhood Sawyer + 2.9E-8 * GrLlvArea*Neighborhood SawyerW + 2.9E-8 * GrLlvArea*Neighborhood Somerset + 2.9E-8 * GrLlvArea*Neighborhood StoneBr + 2.9E-8 * GrLlvArea*Neighborhood Timber - 407E-15 * LotArea*Neighborhood Blmngtn - 409E-15 * LotArea*Neighborhood BrDale - 408E-15 * LotArea*Neighborhood BrkSide - 408E-15 * LotArea*Neighborhood ClearCr - 408E-15 * LotArea*Neighborhood CollgCr - 408E-15 * LotArea*Neighborhood Crawfor - 408E-15 * LotArea*Neighborhood Edwards - 408E-15 * LotArea*Neighborhood Gilbert - 408E-15 * LotArea*Neighborhood IDOTRR - 409E-15 * LotArea*Neighborhood MeadowV - 408E-15 * LotArea*Neighborhood Mitchel - 408E-15 * LotArea*Neighborhood NAmes - 406E-15 * LotArea*Neighborhood NPkVill - 408E-15 * LotArea*Neighborhood NWAmes - 408E-15 * LotArea*Neighborhood NoRidge - 408E-15 * LotArea*Neighborhood NridgHt - 408E-15 * LotArea*Neighborhood OldTown - 408E-15 * LotArea*Neighborhood SWISU - 408E-15 * LotArea*Neighborhood Sawyer - 409E-15 * LotArea*Neighborhood SawyerW - 407E-15 * LotArea*Neighborhood Somerset - 408E-15 * LotArea*Neighborhood StoneBr - 408E-15 * LotArea*Neighborhood Timber + 4.53E-9 * OverallCo*Neighborhood BrDale + 4.52E-9 * OverallCo*Neighborhood BrkSide + 4.52E-9 * OverallCo*Neighborhood ClearCr + 4.53E-9 * OverallCo*Neighborhood CollgCr + 4.52E-9 * OverallCo*Neighborhood Crawfor + 4.52E-9 * OverallCo*Neighborhood Edwards + 4.52E-9 * OverallCo*Neighborhood Gilbert + 4.52E-9 * OverallCo*Neighborhood IDOTRR + 4.53E-9 * OverallCo*Neighborhood MeadowV + 4.52E-9 * OverallCo*Neighborhood Mitchel + 4.52E-9 * OverallCo*Neighborhood NAmes + 4.52E-9 * OverallCo*Neighborhood NPkVill + 4.52E-9 * OverallCo*Neighborhood NWAmes + 4.52E-9 * OverallCo*Neighborhood NoRidge + 4.52E-9 * OverallCo*Neighborhood OldTown + 4.53E-9 * OverallCo*Neighborhood SWISU + 4.52E-9 * OverallCo*Neighborhood Sawyer + 4.52E-9 * OverallCo*Neighborhood SawyerW + 4.52E-9 * OverallCo*Neighborhood Somerset + 4.52E-9 * OverallCo*Neighborhood StoneBr + 4.52E-9 * OverallCo*Neighborhood Timber + 1.61E-9 * YearBuilt*Neighborhood Blmngtn + 1.61E-9 * YearBuilt*Neighborhood BrDale + 1.61E-9 * YearBuilt*Neighborhood BrkSide + 1.61E-9 * YearBuilt*Neighborhood ClearCr + 1.61E-9 * YearBuilt*Neighborhood CollgCr + 1.61E-9 * YearBuilt*Neighborhood Crawfor + 1.61E-9 * YearBuilt*Neighborhood Edwards + 1.61E-9 * YearBuilt*Neighborhood Gilbert + 1.61E-9 * YearBuilt*Neighborhood IDOTRR + 1.61E-9 * YearBuilt*Neighborhood MeadowV + 1.61E-9 * YearBuilt*Neighborhood Mitchel + 1.61E-9 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType SawyerW Dup =	<pre> NAmes + 1.6E-9 * YearBuilt*Neighborhood NPKVill + 1.61E-9 * YearBuilt*Neighborhood NWAmes + 1.61E-9 * YearBuilt*Neighborhood NoRidge + 1.61E-9 * YearBuilt*Neighborhood NridgHt + 1.61E-9 * YearBuilt*Neighborhood OldTown + 1.61E-9 * YearBuilt*Neighborhood SWISU + 1.61E-9 * YearBuilt*Neighborhood Sawyer + 1.61E-9 * YearBuilt*Neighborhood SawyerW + 1.61E-9 * YearBuilt*Neighborhood Somerst + 1.61E-9 * YearBuilt*Neighborhood StoneBr + 1.61E-9 * YearBuilt*Neighborhood Timber - 215E-13 * MasVnrAre*Neighborhood Blmgtn - 215E-13 * MasVnrAre*Neighborhood BrDale - 215E-13 * MasVnrAre*Neighborhood BrkSide - 215E-13 * MasVnrAre*Neighborhood ClearCr - 215E-13 * MasVnrAre*Neighborhood CollgCr - 215E-13 * MasVnrAre*Neighborhood Crawfor - 215E-13 * MasVnrAre*Neighborhood Edwards - 215E-13 * MasVnrAre*Neighborhood Gilbert - 215E-13 * MasVnrAre*Neighborhood IDOTRR - 213E-13 * MasVnrAre*Neighborhood MeadowV - 215E-13 * MasVnrAre*Neighborhood Mitchel - 215E-13 * MasVnrAre*Neighborhood NAmes - 215E-13 * MasVnrAre*Neighborhood NWAmes - 215E-13 * MasVnrAre*Neighborhood NoRidge - 215E-13 * MasVnrAre*Neighborhood NridgHt - 215E-13 * MasVnrAre*Neighborhood OldTown - 215E-13 * MasVnrAre*Neighborhood SWISU - 215E-13 * MasVnrAre*Neighborhood Sawyer - 215E-13 * MasVnrAre*Neighborhood SawyerW - 215E-13 * MasVnrAre*Neighborhood Somerst - 215E-13 * MasVnrAre*Neighborhood StoneBr - 215E-13 * MasVnrAre*Neighborhood Timber - 122E-13 * TotalBsmt*Neighborhood Blmgtn - 121E-13 * TotalBsmt*Neighborhood BrDale - 122E-13 * TotalBsmt*Neighborhood BrkSide - 122E-13 * TotalBsmt*Neighborhood ClearCr - 122E-13 * TotalBsmt*Neighborhood CollgCr - 122E-13 * TotalBsmt*Neighborhood Crawfor - 122E-13 * TotalBsmt*Neighborhood Edwards - 122E-13 * TotalBsmt*Neighborhood Gilbert - 122E-13 * TotalBsmt*Neighborhood IDOTRR - 121E-13 * TotalBsmt*Neighborhood MeadowV - 122E-13 * TotalBsmt*Neighborhood Mitchel - 122E-13 * TotalBsmt*Neighborhood NAmes - 122E-13 * TotalBsmt*Neighborhood NPKVill - 122E-13 * TotalBsmt*Neighborhood NWAmes - 122E-13 * TotalBsmt*Neighborhood NoRidge - 122E-13 * TotalBsmt*Neighborhood NridgHt - 122E-13 * TotalBsmt*Neighborhood OldTown - 122E-13 * TotalBsmt*Neighborhood SWISU - 122E-13 * TotalBsmt*Neighborhood Sawyer - 122E-13 * TotalBsmt*Neighborhood SawyerW - 122E-13 * TotalBsmt*Neighborhood Somerst - 122E-13 * TotalBsmt*Neighborhood StoneBr - 122E-13 * TotalBsmt*Neighborhood Timber - 9.38E-9 * FullBath*Neighborhood Blmgtn - 9.38E-9 * FullBath*Neighborhood BrDale - 9.38E-9 * FullBath*Neighborhood BrkSide - 9.38E-9 * FullBath*Neighborhood ClearCr - 9.38E-9 * FullBath*Neighborhood CollgCr - 9.38E-9 * FullBath*Neighborhood Crawfor - 9.38E-9 * FullBath*Neighborhood Edwards - 9.37E-9 * FullBath*Neighborhood Gilbert - 9.38E-9 * FullBath*Neighborhood IDOTRR - 9.4E-9 * FullBath*Neighborhood MeadowV - 9.38E-9 * FullBath*Neighborhood Mitchel - 9.38E-9 * FullBath*Neighborhood NAmes - 9.38E-9 * FullBath*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType SawyerW Dup =	NWAmes - 9.38E-9 * FullBath*Neighborhood NoRidge - 9.38E-9 * FullBath*Neighborhood NridgHt - 9.38E-9 * FullBath*Neighborhood OldTown - 9.38E-9 * FullBath*Neighborhood SWISU - 9.38E-9 * FullBath*Neighborhood Sawyer - 9.38E-9 * FullBath*Neighborhood SawyerW - 9.38E-9 * FullBath*Neighborhood Somerst - 9.38E-9 * FullBath*Neighborhood StoneBr - 9.39E-9 * FullBath*Neighborhood Timber + 2.27E-9 * Fireplace*Neighborhood Blmngtn + 2.26E-9 * Fireplace*Neighborhood BrDale + 2.26E-9 * Fireplace*Neighborhood BrkSide + 2.27E-9 * Fireplace*Neighborhood ClearCr + 2.27E-9 * Fireplace*Neighborhood CollgCr + 2.27E-9 * Fireplace*Neighborhood Crawfor + 2.27E-9 * Fireplace*Neighborhood Edwards + 2.27E-9 * Fireplace*Neighborhood Gilbert + 2.26E-9 * Fireplace*Neighborhood IDOTRR + 2.28E-9 * Fireplace*Neighborhood MeadowV + 2.27E-9 * Fireplace*Neighborhood Mitchel + 2.27E-9 * Fireplace*Neighborhood NAmes + 2.27E-9 * Fireplace*Neighborhood NPkVill + 2.27E-9 * Fireplace*Neighborhood NWAmes + 2.27E-9 * Fireplace*Neighborhood NoRidge + 2.27E-9 * Fireplace*Neighborhood NridgHt + 2.26E-9 * Fireplace*Neighborhood OldTown + 2.27E-9 * Fireplace*Neighborhood SWISU + 2.27E-9 * Fireplace*Neighborhood Sawyer + 2.27E-9 * Fireplace*Neighborhood SawyerW + 2.26E-9 * Fireplace*Neighborhood Somerst + 2.27E-9 * Fireplace*Neighborhood StoneBr + 2.27E-9 * Fireplace*Neighborhood Timber + 2.79E-8 * Neighborhood*BldgType Blmngtn 1Fa + 924E-14 * Neighborhood*BldgType BrkSide 1Fa + 2.79E-8 * Neighborhood*BldgType CollgCr 1Fa + 2.79E-8 * Neighborhood*BldgType Crawfor 1Fa + 2.79E-8 * Neighborhood*BldgType Crawfor 2fm - Neighborhood*BldgType Crawfor Dup + 2.79E-8 * Neighborhood*BldgType Edwards 1Fa + 2.79E-8 * Neighborhood*BldgType Edwards 2fm - Neighborhood*BldgType Edwards Dup + 411E-14 * Neighborhood*BldgType Gilbert 1Fa + 1 * Neighborhood*BldgType IDOTRR 1Fam + 1 * Neighborhood*BldgType IDOTRR 2fmc - 193E-13 * Neighborhood*BldgType MeadowV Twn + 2.79E-8 * Neighborhood*BldgType Mitchel 1Fa + 2.79E-8 * Neighborhood*BldgType Mitchel 2fm - Neighborhood*BldgType Mitchel Dup + 2.79E-8 * Neighborhood*BldgType NAmes 1Fam - Neighborhood*BldgType NAmes Duple + 267E-13 * Neighborhood*BldgType NPkVill Twn + 1 * Neighborhood*BldgType NWAmes 1Fam + 2.79E-8 * Neighborhood*BldgType NridgHt 1Fa + 1 * Neighborhood*BldgType OldTown 1Fa + 1 * Neighborhood*BldgType OldTown 2fm + 1 * Neighborhood*BldgType Sawyer 1Fam + 1 * Neighborhood*BldgType Sawyer 2fmc + 2.79E-8 * Neighborhood*BldgType SawyerW 1Fa - 2.79E-8 * Neighborhood*BldgType Somerst 1Fa - 2.79E-8 * Neighborhood*BldgType StoneBr 1Fa + 128E-13 * Neighborhood*HouseStyle BrkSide 1.5 + 128E-13 * Neighborhood*HouseStyle BrkSide 1.2 - 7.26E-9 * Neighborhood*HouseStyle BrkSide 1St - 7.27E-9 * Neighborhood*HouseStyle ClearCr 1St - 169E-13 * Neighborhood*HouseStyle ClearCr 2St - 7.27E-9 * Neighborhood*HouseStyle CollgCr 1St - 173E-13 * Neighborhood*HouseStyle CollgCr 2St + 989E-14 * Neighborhood*HouseStyle Crawfor 1.5 - 7.25E-9 * Neighborhood*HouseStyle Crawfor
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType SawyerW Dup =	1St - 551E-14 * Neighborh*HouseStyle Edwards 1.5 - 7.27E-9 * Neighborh*HouseStyle Edwards 1St - 18E-12 * Neighborh*HouseStyle Edwards 2St - 7.27E-9 * Neighborh*HouseStyle Gilbert 1St - 148E-13 * Neighborh*HouseStyle Gilbert 2St + 132E-13 * Neighborh*HouseStyle IDOTRR 1.5F - 7.25E-9 * Neighborh*HouseStyle IDOTRR 1Sto - 7.23E-9 * Neighborh*HouseStyle MeadowV 1St - 241E-13 * Neighborh*HouseStyle MeadowV 2St - 7.27E-9 * Neighborh*HouseStyle Mitchel 1St - 151E-13 * Neighborh*HouseStyle Mitchel 2St - 7.27E-9 * Neighborh*HouseStyle NAmes 1Stor - 177E-13 * Neighborh*HouseStyle NAmes 2Stor - 7.3E-9 * Neighborh*HouseStyle NPkVll 1St - 7.26E-9 * Neighborh*HouseStyle NWAmes 1Sto - 164E-13 * Neighborh*HouseStyle NWAmes 2Sto - 7.25E-9 * Neighborh*HouseStyle NoRidge 1St - 7.25E-9 * Neighborh*HouseStyle NridgHt 1St - 7.27E-9 * Neighborh*HouseStyle OldTown 1St - 155E-13 * Neighborh*HouseStyle OldTown 2St + 146E-13 * Neighborh*HouseStyle SWISU 1.5Fi - 7.25E-9 * Neighborh*HouseStyle SWISU 1Stor - 7.27E-9 * Neighborh*HouseStyle Sawyer 1Sto - 192E-13 * Neighborh*HouseStyle Sawyer 2Sto - 7.27E-9 * Neighborh*HouseStyle SawyerW 1St - 157E-13 * Neighborh*HouseStyle SawyerW 2St - 7.26E-9 * Neighborh*HouseStyle Somerst 1St - 7.25E-9 * Neighborh*HouseStyle StoneBr 1St - 7.27E-9 * Neighborh*HouseStyle Timber 1Sto + 425E-13 * GarageCars - 123E-16 * YearBuilt*Garage Cars - 113E-14 * GarageCars*BldgType 1Fam - 299E-14 * GarageCar*HouseStyle 1Story + 242E-13 * GarageCar*HouseStyle 2.5Fin - 225E-14 * GarageCar*HouseStyle 2Story - 369E-14 * GarageCar*HouseStyle SFoyer - 131E-13 * GarageCar*Neighborho Blmngtn - 181E-13 * GarageCar*Neighborho BrDale - 181E-13 * GarageCar*Neighborho BrkSide - 176E-13 * GarageCar*Neighborho ClearCr - 127E-13 * GarageCar*Neighborho CollgCr - 141E-13 * GarageCar*Neighborho Crawfor - 14E-12 * GarageCar*Neighborho Edwards - 172E-13 * GarageCar*Neighborho Gilbert - 16E-12 * GarageCar*Neighborho IDOTRR - 159E-13 * GarageCar*Neighborho MeadowV - 158E-13 * GarageCar*Neighborho Mitchel - 148E-13 * GarageCar*Neighborho NAmes - 143E-13 * GarageCar*Neighborho NoRidge - 15E-12 * GarageCar*Neighborho NridgHt - 167E-13 * GarageCar*Neighborho OldTown - 162E-13 * GarageCar*Neighborho SWISU - 158E-13 * GarageCar*Neighborho Sawyer - 153E-13 * GarageCar*Neighborho SawyerW - 144E-13 * GarageCar*Neighborho Somerst - 916E-14 * GarageCar*Neighborho StoneBr
Neighborhoo*BldgType SawyerW Twn =	0
Neighborhoo*BldgType Somerst 2fm =	0
Neighborhoo*BldgType Somerst Dup =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Somerset Twn =	<pre> 4.41E-8 * Intercept - 379E-12 * GrLlvArea_I + 507E-17 * Lot Area - 598E-13 * OverallCond - 207E-13 * YearBuilt + 128E-21 * LotArea*YearBuilt + 288E-15 * MasVnrArea + 163E-15 * Total BsmtSF + 124E-12 * FullBath - 272E-13 * Fireplaces - 357E-12 * BldgType 1Fam + BldgType Twnhs - 357E-12 * HouseStyle 1.5Unf - 952E-13 * HouseStyle 1Story - 359E-12 * HouseStyle 2.5Fin - 357E-12 * HouseStyle 2.5Unf + 357E-12 * BldgType*HouseStyle 1Fam 1.5Unf + 358E-12 * BldgType*HouseStyle 1Fam 2.5Fin + 357E-12 * BldgType*HouseStyle 1Fam 2.5Unf - 357E-12 * BldgType*HouseStyle 2fmCon 1.5Fi - 357E-12 * BldgType*HouseStyle 2fmCon 1Stor - 357E-12 * BldgType*HouseStyle 2fmCon 2Stor + 253E-13 * BldgType*HouseStyle Twnhs 1Story + 256E-13 * BldgType*HouseStyle Twnhs 2Story + 233E-13 * BldgType*HouseStyle Twnhs SFoyer - 4.55E-8 * Neighborhood Blmngtn + 30.1544 * Neighborhood Blueste - 3.63E-8 * Neighborhood BrDale - 4.37E-8 * Neighborhood BrkSide - 4.37E-8 * Neighborhood ClearCr - 4.4E-8 * Neighborhood CollgCr - 4.41E-8 * Neighborhood Crawfor - 4.41E-8 * Neighborhood Edwards - 4.37E-8 * Neighborhood Gilbert - 4.4E-8 * Neighborhood IDOTRR - 4.56E-8 * Neighborhood MeadowV - 4.41E-8 * Neighborhood Mitchel - 4.41E-8 * Neighborhood NAmes - 4.41E-8 * Neighborhood NPkVill - 4.41E-8 * Neighborhood NWAmes - 4.37E-8 * Neighborhood NoRidge - 4.37E-8 * Neighborhood NridgHt - 4.41E-8 * Neighborhood OldTown - 4.37E-8 * Neighborhood SWISU - 4.41E-8 * Neighborhood Sawyer - 4.41E-8 * Neighborhood SawyerW - 4.4E-8 * Neighborhood Somerset - 4.41E-8 * Neighborhood StoneBr - 4.37E-8 * Neighborhood Timber + 38E-11 * GrLlvArea*Neighborhood Blmngtn - 4.23877 * GrLlvArea*Neighborhood Blueste + 246E-12 * GrLlvArea*Neighborhood BrDale + 379E-12 * GrLlvArea*Neighborhood BrkSide + 379E-12 * GrLlvArea*Neighborhood ClearCr + 379E-12 * GrLlvArea*Neighborhood CollgCr + 379E-12 * GrLlvArea*Neighborhood Crawfor + 379E-12 * GrLlvArea*Neighborhood Edwards + 379E-12 * GrLlvArea*Neighborhood Gilbert + 379E-12 * GrLlvArea*Neighborhood IDOTRR + 409E-12 * GrLlvArea*Neighborhood MeadowV + 379E-12 * GrLlvArea*Neighborhood Mitchel + 379E-12 * GrLlvArea*Neighborhood NAmes + 381E-12 * GrLlvArea*Neighborhood NPkVill + 379E-12 * GrLlvArea*Neighborhood NWAmes + 379E-12 * GrLlvArea*Neighborhood NoRidge + 379E-12 * GrLlvArea*Neighborhood NridgHt + 379E-12 * GrLlvArea*Neighborhood OldTown + 379E-12 * GrLlvArea*Neighborhood SWISU + 379E-12 * GrLlvArea*Neighborhood Sawyer + 379E-12 * GrLlvArea*Neighborhood SawyerW + 378E-12 * GrLlvArea*Neighborhood Somerset + 379E-12 * GrLlvArea*Neighborhood StoneBr + 38E-11 * GrLlvArea*Neighborhood Timber - 794E-17 * LotArea*Neighborhood BrDale - 529E-17 * LotArea*Neighborhood BrkSide - 53E-16 * LotArea*Neighborhood ClearCr - 53E-16 * LotArea*Neighborhood CollgCr - 529E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Somerst Twn =	Crawfor - 53E-16 * LotArea*Neighborhood Edwards - 53E-16 * LotArea*Neighborhood Gilbert - 529E-17 * LotArea*Neighborhood IDOTRR - 117E-16 * LotArea*Neighborhood MeadowV - 53E-16 * LotArea*Neighborhood Mitchel - 53E-16 * LotArea*Neighborhood NAmes - 506E-17 * LotArea*Neighborhood NPKVill - 529E-17 * LotArea*Neighborhood NWAmes - 53E-16 * LotArea*Neighborhood NoRidge - 531E-17 * LotArea*Neighborhood NridgHt - 529E-17 * LotArea*Neighborhood OldTown - 529E-17 * LotArea*Neighborhood SWISU - 529E-17 * LotArea*Neighborhood Sawyer - 53E-16 * LotArea*Neighborhood SawyerW - 528E-17 * LotArea*Neighborhood Somerst - 53E-16 * LotArea*Neighborhood StoneBr - 53E-16 * LotArea*Neighborhood Timber + 58E-12 * OverallCo*Neighborho BrDale + 597E-13 * OverallCo*Neighborho BrkSide + 597E-13 * OverallCo*Neighborho ClearCr + 597E-13 * OverallCo*Neighborho CollgCr + 597E-13 * OverallCo*Neighborho Crawfor + 597E-13 * OverallCo*Neighborho Edwards + 597E-13 * OverallCo*Neighborho Gilbert + 597E-13 * OverallCo*Neighborho IDOTRR + 59E-12 * OverallCo*Neighborho MeadowV + 597E-13 * OverallCo*Neighborho Mitchel + 597E-13 * OverallCo*Neighborho NAmes + 596E-13 * OverallCo*Neighborho NPKVill + 597E-13 * OverallCo*Neighborho NWAmes + 597E-13 * OverallCo*Neighborho NoRidge + 597E-13 * OverallCo*Neighborho OldTown + 597E-13 * OverallCo*Neighborho SWISU + 597E-13 * OverallCo*Neighborho Sawyer + 597E-13 * OverallCo*Neighborho SawyerW + 597E-13 * OverallCo*Neighborho Somerst + 597E-13 * OverallCo*Neighborho StoneBr + 596E-13 * OverallCo*Neighborho Timber + 216E-13 * YearBuilt*Neighborho Blmgtn + 172E-13 * YearBuilt*Neighborho BrDale + 207E-13 * YearBuilt*Neighborho BrkSide + 207E-13 * YearBuilt*Neighborho ClearCr + 207E-13 * YearBuilt*Neighborho CollgCr + 207E-13 * YearBuilt*Neighborho Crawfor + 207E-13 * YearBuilt*Neighborho Edwards + 207E-13 * YearBuilt*Neighborho Gilbert + 207E-13 * YearBuilt*Neighborho IDOTRR + 214E-13 * YearBuilt*Neighborho MeadowV + 207E-13 * YearBuilt*Neighborho Mitchel + 207E-13 * YearBuilt*Neighborho NAmes + 206E-13 * YearBuilt*Neighborho NPKVill + 207E-13 * YearBuilt*Neighborho NWAmes + 207E-13 * YearBuilt*Neighborho NoRidge + 207E-13 * YearBuilt*Neighborho NridgHt + 207E-13 * YearBuilt*Neighborho OldTown + 207E-13 * YearBuilt*Neighborho SWISU + 207E-13 * YearBuilt*Neighborho Sawyer + 207E-13 * YearBuilt*Neighborho SawyerW + 207E-13 * YearBuilt*Neighborho Somerst + 207E-13 * YearBuilt*Neighborho StoneBr + 207E-13 * YearBuilt*Neighborho Timber - 288E-15 * MasVnrAre*Neighborho Blmgtn - 267E-15 * MasVnrAre*Neighborho BrDale - 289E-15 * MasVnrAre*Neighborho BrkSide - 289E-15 * MasVnrAre*Neighborho ClearCr - 289E-15 * MasVnrAre*Neighborho CollgCr - 289E-15 * MasVnrAre*Neighborho Crawfor - 289E-15 * MasVnrAre*Neighborho Edwards - 289E-15 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Somerst Twn =	Gilbert - 289E-15 * MasVnrAre*Neighborhood IDOTRR - 289E-15 * MasVnrAre*Neighborhood Mitchel - 289E-15 * MasVnrAre*Neighborhood NAmes - 289E-15 * MasVnrAre*Neighborhood NWAmes - 289E-15 * MasVnrAre*Neighborhood NoRidge - 289E-15 * MasVnrAre*Neighborhood NridgHt - 289E-15 * MasVnrAre*Neighborhood OldTown - 289E-15 * MasVnrAre*Neighborhood SWISU - 289E-15 * MasVnrAre*Neighborhood Sawyer - 289E-15 * MasVnrAre*Neighborhood SawyerW - 289E-15 * MasVnrAre*Neighborhood Somerst - 289E-15 * MasVnrAre*Neighborhood StoneBr - 289E-15 * MasVnrAre*Neighborhood Timber - 164E-15 * TotalBsmt*Neighborhood Blmgtn - 164E-15 * TotalBsmt*Neighborhood BrkSide - 164E-15 * TotalBsmt*Neighborhood ClearCr - 163E-15 * TotalBsmt*Neighborhood CollgCr - 164E-15 * TotalBsmt*Neighborhood Crawfor - 164E-15 * TotalBsmt*Neighborhood Edwards - 164E-15 * TotalBsmt*Neighborhood Gilbert - 164E-15 * TotalBsmt*Neighborhood IDOTRR - 198E-15 * TotalBsmt*Neighborhood MeadowV - 164E-15 * TotalBsmt*Neighborhood Mitchel - 164E-15 * TotalBsmt*Neighborhood NAmes - 163E-15 * TotalBsmt*Neighborhood NPKVill - 164E-15 * TotalBsmt*Neighborhood NWAmes - 164E-15 * TotalBsmt*Neighborhood NoRidge - 164E-15 * TotalBsmt*Neighborhood NridgHt - 164E-15 * TotalBsmt*Neighborhood OldTown - 164E-15 * TotalBsmt*Neighborhood SWISU - 164E-15 * TotalBsmt*Neighborhood Sawyer - 164E-15 * TotalBsmt*Neighborhood SawyerW - 163E-15 * TotalBsmt*Neighborhood Somerst - 164E-15 * TotalBsmt*Neighborhood StoneBr - 164E-15 * TotalBsmt*Neighborhood Timber - 125E-12 * FullBath*Neighborhood Blmgtn - 111E-12 * FullBath*Neighborhood BrkSide - 125E-12 * FullBath*Neighborhood ClearCr - 125E-12 * FullBath*Neighborhood CollgCr - 125E-12 * FullBath*Neighborhood Crawfor - 125E-12 * FullBath*Neighborhood Edwards - 125E-12 * FullBath*Neighborhood Gilbert - 125E-12 * FullBath*Neighborhood IDOTRR - 112E-12 * FullBath*Neighborhood MeadowV - 125E-12 * FullBath*Neighborhood Mitchel - 125E-12 * FullBath*Neighborhood NAmes - 125E-12 * FullBath*Neighborhood NWAmes - 125E-12 * FullBath*Neighborhood NoRidge - 125E-12 * FullBath*Neighborhood NridgHt - 125E-12 * FullBath*Neighborhood OldTown - 125E-12 * FullBath*Neighborhood SWISU - 125E-12 * FullBath*Neighborhood Sawyer - 125E-12 * FullBath*Neighborhood SawyerW - 125E-12 * FullBath*Neighborhood Somerst - 125E-12 * FullBath*Neighborhood StoneBr - 125E-12 * FullBath*Neighborhood Timber + 28E-12 * Fireplace*Neighborhood Blmgtn + 28E-12 * Fireplace*Neighborhood BrkSide + 28E-12 * Fireplace*Neighborhood ClearCr + 28E-12 * Fireplace*Neighborhood CollgCr + 28E-12 * Fireplace*Neighborhood Crawfor + 28E-12 * Fireplace*Neighborhood Edwards + 28E-12 * Fireplace*Neighborhood Gilbert + 28E-12 * Fireplace*Neighborhood IDOTRR + 152E-13 * Fireplace*Neighborhood MeadowV + 28E-12 * Fireplace*Neighborhood Mitchel + 28E-12 * Fireplace*Neighborhood NAmes + 279E-13 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhoo*BldgType Somerst Twn = NPKVill + 28E-12 * Fireplace*Neighborho NWAmes + 28E-12 * Fireplace*Neighborho NoRidge + 28E-12 * Fireplace*Neighborho NridgHt + 28E-12 * Fireplace*Neighborho OldTown + 28E-12 * Fireplace*Neighborho SWISU + 28E-12 * Fireplace*Neighborho Sawyer + 28E-12 * Fireplace*Neighborho SawyerW + 281E-13 * Fireplace*Neighborho Somerst + 281E-13 * Fireplace*Neighborho StoneBr + 281E-13 * Fireplace*Neighborho Timber + 355E-12 * Neighborhoo*BldgType Blmngtn 1Fa - Neighborhoo*BldgType BrDale Twnh + 357E-12 * Neighborhoo*BldgType CollgCr 1Fa + 357E-12 * Neighborhoo*BldgType Crawfor 1Fa + 357E-12 * Neighborhoo*BldgType Crawfor 2fm + 357E-12 * Neighborhoo*BldgType Edwards 1Fa + 357E-12 * Neighborhoo*BldgType Edwards 2fm - Neighborhoo*BldgType Edwards Twn + 357E-12 * Neighborhoo*BldgType IDOTRR 1Fam + 357E-12 * Neighborhoo*BldgType IDOTRR 2fmc - Neighborhoo*BldgType MeadowV Twn + 357E-12 * Neighborhoo*BldgType Mitchel 1Fa + 357E-12 * Neighborhoo*BldgType Mitchel 2fm - Neighborhoo*BldgType Mitchel Twn + 357E-12 * Neighborhoo*BldgType NAmes 1Fam - Neighborhoo*BldgType NPKVill Twn + 357E-12 * Neighborhoo*BldgType NWAmes 1Fam + 357E-12 * Neighborhoo*BldgType NridgHt 1Fa - Neighborhoo*BldgType NridgHt Twn + 357E-12 * Neighborhoo*BldgType OldTown 1Fa + 357E-12 * Neighborhoo*BldgType OldTown 2fm + 357E-12 * Neighborhoo*BldgType Sawyer 1Fam + 357E-12 * Neighborhoo*BldgType Sawyer 2fmc + 357E-12 * Neighborhoo*BldgType SawyerW 1Fa + 357E-12 * Neighborhoo*BldgType Somerst 1Fa - 357E-12 * Neighborhoo*BldgType StoneBr 1Fa - 947E-13 * Neighborhoo*HouseStyle BrkSide 1St - 954E-13 * Neighborhoo*HouseStyle ClearCr 1St - 954E-13 * Neighborhoo*HouseStyle CollgCr 1St - 946E-13 * Neighborhoo*HouseStyle Crawfor 1St - 953E-13 * Neighborhoo*HouseStyle Edwards 1St - 954E-13 * Neighborhoo*HouseStyle Gilbert 1St - 947E-13 * Neighborhoo*HouseStyle IDOTRR 1Sto - 122E-12 * Neighborhoo*HouseStyle MeadowV 1St + 163E-13 * Neighborhoo*HouseStyle MeadowV 2St - 953E-13 * Neighborhoo*HouseStyle Mitchel 1St - 954E-13 * Neighborhoo*HouseStyle NAmes 1Stor - 948E-13 * Neighborhoo*HouseStyle NPKVill 1St - 953E-13 * Neighborhoo*HouseStyle NWAmes 1Sto - 946E-13 * Neighborhoo*HouseStyle NoRidge 1St - 946E-13 * Neighborhoo*HouseStyle NridgHt 1St - 953E-13 * Neighborhoo*HouseStyle OldTown 1St - 946E-13 * Neighborhoo*HouseStyle SWISU 1Stor - 954E-13 * Neighborhoo*HouseStyle Sawyer 1Sto - 953E-13 * Neighborhoo*HouseStyle SawyerW 1St - 944E-13 * Neighborhoo*HouseStyle Somerst 1St - 945E-13 * Neighborhoo*HouseStyle StoneBr 1St - 951E-13 * Neighborhoo*HouseStyle Timber 1Sto + 384E-14 * GarageCar*Neighborho Blmngtn	
Neighborhoo*BldgType StoneBr 2fm =	0
Neighborhoo*BldgType StoneBr Dup =	0
Neighborhoo*BldgType StoneBr Twn =	0

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 1Fam =	3.9E-7 * Intercept - 3.3E-9 * GrLlvArea_I + 461E-16 * LotArea - 515E-12 * OverallCond - 183E-12 * YearBuilt + 298E-21 * LotArea*YearBuilt + 243E-14 * MasVnrArea + 137E-14 * TotalBsmtSF + 1.06E-9 * FullBath + 934E-15 * GrLlvArea_*FullBath - 257E-12 * Fireplaces - 555E-15 * GrLlvArea*Fireplaces + 275E-13 * LotConfig CulDSac - 401E-13 * LotConfig FR2 - 141E-16 * YearBuilt*LotConfig CulDSac + 192E-16 * YearBuilt*LotConfig FR2 - 3.18E-9 * BldgType 1Fam - 1 * HouseStyle 1.5Unf - 826E-12 * HouseStyle 1Story - 1 * HouseStyle 2.5Fin - 1 * HouseStyle 2.5Unf - 393E-14 * HouseStyle 2Story + 1 * BldgType*HouseStyle 1Fam 1.5Unf + 1 * BldgType*HouseStyle 1Fam 2.5Fin + 1 * BldgType*HouseStyle 1Fam 2.5Unf - 1 * BldgType*HouseStyle 2fmCon 1.5Fi - 1 * BldgType*HouseStyle 2fmCon 1Stor - 1 * BldgType*HouseStyle 2fmCon 2Stor - 3.87E-7 * Neighborhood Blmgtn + 1.4E-8 * Neighborhood Blueste - 3.91E-7 * Neighborhood BrDale + 1 * Neighborhood BrkSide - 3.87E-7 * Neighborhood ClearCr - 3.9E-7 * Neighborhood CollgCr - 3.9E-7 * Neighborhood Crawfor - 3.9E-7 * Neighborhood Edwards + 1 * Neighborhood Gilbert - 3.9E-7 * Neighborhood IDOTRR - 3.9E-7 * Neighborhood MeadowV - 3.9E-7 * Neighborhood Mitchel - 3.9E-7 * Neighborhood NAmes - 3.91E-7 * Neighborhood NPkVill - 3.9E-7 * Neighborhood NWAmes - 3.87E-7 * Neighborhood NoRidge - 3.88E-7 * Neighborhood NridgHt - 3.9E-7 * Neighborhood OldTown + 1 * Neighborhood SWISU - 3.9E-7 * Neighborhood Sawyer - 3.9E-7 * Neighborhood SawyerW - 3.9E-7 * Neighborhood Somerst - 3.9E-7 * Neighborhood StoneBr + 1 * Neighborhood Timber + 3.29E-9 * GrLlvArea*Neighborho Blmgtn - 2.26E-9 * GrLlvArea*Neighborho Blueste + 3.32E-9 * GrLlvArea*Neighborho BrDale + 3.3E-9 * GrLlvArea*Neighborho BrkSide + 3.3E-9 * GrLlvArea*Neighborho ClearCr + 3.3E-9 * GrLlvArea*Neighborho CollgCr + 3.3E-9 * GrLlvArea*Neighborho Crawfor + 3.29E-9 * GrLlvArea*Neighborho Edwards + 3.29E-9 * GrLlvArea*Neighborho Gilbert + 3.3E-9 * GrLlvArea*Neighborho IDOTRR + 3.29E-9 * GrLlvArea*Neighborho MeadowV + 3.3E-9 * GrLlvArea*Neighborho Mitchel + 3.3E-9 * GrLlvArea*Neighborho NAmes + 3.3E-9 * GrLlvArea*Neighborho NPkVill + 3.29E-9 * GrLlvArea*Neighborho NWAmes + 3.29E-9 * GrLlvArea*Neighborho NoRidge + 3.3E-9 * GrLlvArea*Neighborho NridgHt + 3.3E-9 * GrLlvArea*Neighborho OldTown + 3.29E-9 * GrLlvArea*Neighborho SWISU + 3.29E-9 * GrLlvArea*Neighborho Sawyer + 3.29E-9 * GrLlvArea*Neighborho SawyerW + 3.29E-9 * GrLlvArea*Neighborho Somerst + 3.3E-9 * GrLlvArea*Neighborho StoneBr + 3.3E-9 * GrLlvArea*Neighborho Timber - 461E-16 * LotArea*Neighborhood Blmgtn - 461E-16 * LotArea*Neighborhood BrDale - 466E-16 * LotArea*Neighborhood BrkSide - 466E-16 * LotArea*Neighborhood ClearCr - 466E-16 * LotArea*Neighborhood CollgCr - 466E-16 * LotArea*Neighborhood Crawfor - 466E-16 * LotArea*Neighborhood Edwards - 465E-16 * LotArea*Neighborhood Gilbert - 466E-16 * LotArea*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 1Fam =	IDOTRR - 447E-16 * LotArea*Neighborhood MeadowV - 466E-16 * LotArea*Neighborhood Mitchel - 466E-16 * LotArea*Neighborhood NAmes - 466E-16 * LotArea*Neighborhood NPkVill - 465E-16 * LotArea*Neighborhood NWAmes - 465E-16 * LotArea*Neighborhood NoRidge - 466E-16 * LotArea*Neighborhood NridgHt - 466E-16 * LotArea*Neighborhood OldTown - 466E-16 * LotArea*Neighborhood SWISU - 465E-16 * LotArea*Neighborhood Sawyer - 466E-16 * LotArea*Neighborhood SawyerW - 465E-16 * LotArea*Neighborhood Somerst - 466E-16 * LotArea*Neighborhood StoneBr - 465E-16 * LotArea*Neighborhood Timber + 515E-12 * OverallCo*Neighborho BrDale + 515E-12 * OverallCo*Neighborho BrkSide + 515E-12 * OverallCo*Neighborho ClearCr + 515E-12 * OverallCo*Neighborho CollgCr + 515E-12 * OverallCo*Neighborho Crawfor + 515E-12 * OverallCo*Neighborho Edwards + 515E-12 * OverallCo*Neighborho Gilbert + 515E-12 * OverallCo*Neighborho IDOTRR + 515E-12 * OverallCo*Neighborho MeadowV + 515E-12 * OverallCo*Neighborho Mitchel + 515E-12 * OverallCo*Neighborho NAmes + 515E-12 * OverallCo*Neighborho NPkVill + 515E-12 * OverallCo*Neighborho NWAmes + 515E-12 * OverallCo*Neighborho NoRidge + 515E-12 * OverallCo*Neighborho OldTown + 515E-12 * OverallCo*Neighborho SWISU + 515E-12 * OverallCo*Neighborho Sawyer + 515E-12 * OverallCo*Neighborho SawyerW + 514E-12 * OverallCo*Neighborho Somerst + 515E-12 * OverallCo*Neighborho StoneBr + 514E-12 * OverallCo*Neighborho Timber + 184E-12 * YearBuilt*Neighborho Blmngtn + 184E-12 * YearBuilt*Neighborho BrDale + 183E-12 * YearBuilt*Neighborho BrkSide + 183E-12 * YearBuilt*Neighborho ClearCr + 183E-12 * YearBuilt*Neighborho CollgCr + 183E-12 * YearBuilt*Neighborho Crawfor + 183E-12 * YearBuilt*Neighborho Edwards + 183E-12 * YearBuilt*Neighborho Gilbert + 183E-12 * YearBuilt*Neighborho IDOTRR + 183E-12 * YearBuilt*Neighborho MeadowV + 183E-12 * YearBuilt*Neighborho Mitchel + 183E-12 * YearBuilt*Neighborho NAmes + 183E-12 * YearBuilt*Neighborho NPkVill + 183E-12 * YearBuilt*Neighborho NWAmes + 184E-12 * YearBuilt*Neighborho NoRidge + 183E-12 * YearBuilt*Neighborho NridgHt + 183E-12 * YearBuilt*Neighborho OldTown + 184E-12 * YearBuilt*Neighborho SWISU + 183E-12 * YearBuilt*Neighborho Sawyer + 183E-12 * YearBuilt*Neighborho SawyerW + 183E-12 * YearBuilt*Neighborho Somerst + 183E-12 * YearBuilt*Neighborho StoneBr + 184E-12 * YearBuilt*Neighborho Timber - 243E-14 * MasVnrAre*Neighborho Blmngtn - 243E-14 * MasVnrAre*Neighborho BrDale - 243E-14 * MasVnrAre*Neighborho BrkSide - 243E-14 * MasVnrAre*Neighborho ClearCr - 243E-14 * MasVnrAre*Neighborho CollgCr - 243E-14 * MasVnrAre*Neighborho Crawfor - 243E-14 * MasVnrAre*Neighborho Edwards - 243E-14 * MasVnrAre*Neighborho Gilbert - 243E-14 * MasVnrAre*Neighborho IDOTRR - 24E-13 * MasVnrAre*Neighborho MeadowV - 243E-14 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 1Fam =	Mitchel - 243E-14 * MasVnrAre*Neighborhood NAmes - 243E-14 * MasVnrAre*Neighborhood NWAmes - 243E-14 * MasVnrAre*Neighborhood NoRidge - 243E-14 * MasVnrAre*Neighborhood NridgHt - 243E-14 * MasVnrAre*Neighborhood OldTown - 243E-14 * MasVnrAre*Neighborhood SWISU - 243E-14 * MasVnrAre*Neighborhood Sawyer - 243E-14 * MasVnrAre*Neighborhood SawyerW - 243E-14 * MasVnrAre*Neighborhood Somerst - 243E-14 * MasVnrAre*Neighborhood StoneBr - 242E-14 * MasVnrAre*Neighborhood Timber - 138E-14 * TotalBsmt*Neighborhood Blmgtn - 14E-13 * TotalBsmt*Neighborhood BrDale - 138E-14 * TotalBsmt*Neighborhood BrkSide - 138E-14 * TotalBsmt*Neighborhood ClearCr - 138E-14 * TotalBsmt*Neighborhood CollgCr - 138E-14 * TotalBsmt*Neighborhood Crawfor - 138E-14 * TotalBsmt*Neighborhood Edwards - 138E-14 * TotalBsmt*Neighborhood Gilbert - 138E-14 * TotalBsmt*Neighborhood IDOTRR - 136E-14 * TotalBsmt*Neighborhood MeadowV - 138E-14 * TotalBsmt*Neighborhood Mitchel - 138E-14 * TotalBsmt*Neighborhood NAmes - 138E-14 * TotalBsmt*Neighborhood NPKVII - 138E-14 * TotalBsmt*Neighborhood NWAmes - 138E-14 * TotalBsmt*Neighborhood NoRidge - 138E-14 * TotalBsmt*Neighborhood NridgHt - 138E-14 * TotalBsmt*Neighborhood OldTown - 138E-14 * TotalBsmt*Neighborhood SWISU - 138E-14 * TotalBsmt*Neighborhood Sawyer - 138E-14 * TotalBsmt*Neighborhood SawyerW - 138E-14 * TotalBsmt*Neighborhood Somerst - 138E-14 * TotalBsmt*Neighborhood StoneBr - 138E-14 * TotalBsmt*Neighborhood Timber - 1.07E-9 * FullBath*Neighborhood Blmgtn - 1.07E-9 * FullBath*Neighborhood BrDale - 1.07E-9 * FullBath*Neighborhood BrkSide - 1.07E-9 * FullBath*Neighborhood ClearCr - 1.07E-9 * FullBath*Neighborhood CollgCr - 1.07E-9 * FullBath*Neighborhood Crawfor - 1.07E-9 * FullBath*Neighborhood Edwards - 1.06E-9 * FullBath*Neighborhood Gilbert - 1.07E-9 * FullBath*Neighborhood IDOTRR - 1.07E-9 * FullBath*Neighborhood MeadowV - 1.07E-9 * FullBath*Neighborhood Mitchel - 1.07E-9 * FullBath*Neighborhood NAmes - 1.07E-9 * FullBath*Neighborhood NWAmes - 1.07E-9 * FullBath*Neighborhood NoRidge - 1.07E-9 * FullBath*Neighborhood NridgHt - 1.07E-9 * FullBath*Neighborhood OldTown - 1.07E-9 * FullBath*Neighborhood SWISU - 1.07E-9 * FullBath*Neighborhood Sawyer - 1.07E-9 * FullBath*Neighborhood SawyerW - 1.07E-9 * FullBath*Neighborhood Somerst - 1.07E-9 * FullBath*Neighborhood StoneBr - 1.07E-9 * FullBath*Neighborhood Timber + 261E-12 * Fireplace*Neighborhood Blmgtn + 261E-12 * Fireplace*Neighborhood BrDale + 261E-12 * Fireplace*Neighborhood BrkSide + 261E-12 * Fireplace*Neighborhood ClearCr + 261E-12 * Fireplace*Neighborhood CollgCr + 261E-12 * Fireplace*Neighborhood Crawfor + 261E-12 * Fireplace*Neighborhood Edwards + 261E-12 * Fireplace*Neighborhood Gilbert + 261E-12 * Fireplace*Neighborhood IDOTRR + 266E-12 * Fireplace*Neighborhood MeadowV + 261E-12 * Fireplace*Neighborhood Mitchel + 261E-12 * Fireplace*Neighborhood NAmes + 261E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 1Fam =	NPKVill + 261E-12 * Fireplace*Neighborhood NWAmes + 261E-12 * Fireplace*Neighborhood NoRidge + 261E-12 * Fireplace*Neighborhood NridgHt + 261E-12 * Fireplace*Neighborhood OldTown + 261E-12 * Fireplace*Neighborhood SWISU + 261E-12 * Fireplace*Neighborhood Sawyer + 261E-12 * Fireplace*Neighborhood SawyerW + 261E-12 * Fireplace*Neighborhood Somerst + 261E-12 * Fireplace*Neighborhood StoneBr + 262E-12 * Fireplace*Neighborhood Timber + 3.18E-9 * Neighborhood*BldgType Blmgtn 1Fa - Neighborhood*BldgType BrkSide 1Fa + 3.18E-9 * Neighborhood*BldgType CollgCr 1Fa + 3.18E-9 * Neighborhood*BldgType Crawfor 1Fa + 1 * Neighborhood*BldgType Crawfor 2fm + 3.18E-9 * Neighborhood*BldgType Edwards 1Fa + 1 * Neighborhood*BldgType Edwards 2fm - Neighborhood*BldgType Gilbert 1Fa + 3.18E-9 * Neighborhood*BldgType IDOTRR 1Fam + 1 * Neighborhood*BldgType IDOTRR 2fmC + 3.18E-9 * Neighborhood*BldgType Mitchel 1Fa + 1 * Neighborhood*BldgType Mitchel 2fm + 3.18E-9 * Neighborhood*BldgType NAmes 1Fam + 3.18E-9 * Neighborhood*BldgType NWAmes 1Fam + 3.18E-9 * Neighborhood*BldgType NridgHt 1Fa + 3.18E-9 * Neighborhood*BldgType OldTown 1Fa + 1 * Neighborhood*BldgType OldTown 2fm - Neighborhood*BldgType SWISU 1Fam + 3.18E-9 * Neighborhood*BldgType Sawyer 1Fam + 1 * Neighborhood*BldgType Sawyer 2fmC + 3.18E-9 * Neighborhood*BldgType SawyerW 1Fa + 3.18E-9 * Neighborhood*BldgType Somerst 1Fa + 3.18E-9 * Neighborhood*BldgType StoneBr 1Fa - 823E-12 * Neighborhood*HouseStyle BrkSide 1St - 826E-12 * Neighborhood*HouseStyle ClearCr 1St - 826E-12 * Neighborhood*HouseStyle CollgCr 1St - 822E-12 * Neighborhood*HouseStyle Crawfor 1St - 826E-12 * Neighborhood*HouseStyle Edwards 1St - 825E-12 * Neighborhood*HouseStyle Gilbert 1St - 822E-12 * Neighborhood*HouseStyle IDOTRR 1Sto - 816E-12 * Neighborhood*HouseStyle MeadowV 1St - 825E-12 * Neighborhood*HouseStyle Mitchel 1St - 826E-12 * Neighborhood*HouseStyle NAmes 1Sto - 826E-12 * Neighborhood*HouseStyle NPKVill 1St - 825E-12 * Neighborhood*HouseStyle NWAmes 1Sto - 822E-12 * Neighborhood*HouseStyle NoRidge 1St - 822E-12 * Neighborhood*HouseStyle NridgHt 1St - 825E-12 * Neighborhood*HouseStyle OldTown 1St - 822E-12 * Neighborhood*HouseStyle SWISU 1Sto - 826E-12 * Neighborhood*HouseStyle Sawyer 1Sto - 825E-12 * Neighborhood*HouseStyle SawyerW 1St - 822E-12 * Neighborhood*HouseStyle Somerst 1St - 822E-12 * Neighborhood*HouseStyle StoneBr 1St - 826E-12 * Neighborhood*HouseStyle Timber 1Sto + 325E-14 * GarageCars - 362E-14 * GarageCar* Neighborhood CollgCr - 432E-14 * GarageCar*Neighborhood Gilbert - 379E-14 * GarageCar*Neighborhood NAmes - 387E-14 * GarageCar*Neighborhood NridgHt - 381E-14 * GarageCar*Neighborhood Somerst
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 2fmC =	5.44E-7 * Intercept - 4.63E-9 * GrLlvArea_I + 644E-16 * Lot Area - 721E-12 * OverallCond - 256E-12 * YearBuilt + 335E-21 * LotArea*YearBuilt + 344E-14 * MasVnrArea - 342E-18 * GrLlv Area*MasVnrArea + 194E-14 * TotalBsmtSF + 556E-18 * Overall Co*TotalBsmtS + 1.48E-9 * FullBath + 141E-14 * GrLlvArea_I*Full Bath - 353E-12 * Fireplaces - 868E-15 * GrLlvArea*Fireplaces - 496E-14 * LotConfig Corner + 391E-13 * LotConfig CulDSac - 589E-13 * LotConfig FR2 + 16E-12 * LotConfig FR3 + 272E-17 * YearBuilt*LotConfig Corner - 2E-14 * YearBuilt*LotConfig CulDSac + 283E-16 * YearBuilt*LotConfig FR2 - 805E-17 * YearBuilt*LotConfig FR3 - 4.43E-9 * BldgType 1Fam - 989E-15 * HouseStyle 1Fin + 1 * HouseStyle 1.5Unf - 1.16E-9 * HouseStyle 1Story + 1 * HouseStyle 2.5Fin + 1 * HouseStyle 2.5Unf - 268E-14 * HouseStyle 2Story - 81E-18 * LotArea*HouseStyle 1.5Fin - 855E-19 * LotArea*HouseStyle 1Story + 305E-18 * LotArea*HouseStyle 2.5Fin - 991E-19 * LotArea*HouseStyle 2Story - 1 * BldgType*HouseStyle 1Fam 1.5Unf - 1 * BldgType*HouseStyle 1Fam 2.5Fin - 1 * BldgType*HouseStyle 1Fam 2.5Unf + 1 * BldgType*HouseStyle 2fmCon 1.5Fi + 1 * BldgType*HouseStyle 2fmCon 1Stor + 1 * BldgType*HouseStyle 2fmCon 2Stor - 5.39E-7 * Neighborhood Blmngtn + 1.97E-8 * Neighborhood Blueste - 5.43E-7 * Neighborhood BrDale - 1 * Neighborhood BrkSide - 5.39E-7 * Neighborhood ClearCr - 5.44E-7 * Neighborhood CollgCr - 5.44E-7 * Neighborhood Crawfor - 5.44E-7 * Neighborhood Edwards - 1 * Neighborhood Gilbert - 5.44E-7 * Neighborhood IDOTRR - 5.44E-7 * Neighborhood MeadowV - 5.44E-7 * Neighborhood Mitchel - 5.44E-7 * Neighborhood NAmes - 5.44E-7 * Neighborhood NPkVill - 5.44E-7 * Neighborhood NWAmes - 5.4E-7 * Neighborhood NoRidge - 5.4E-7 * Neighborhood NridgHt - 5.44E-7 * Neighborhood OldTown - 1 * Neighborhood SWISU - 5.44E-7 * Neighborhood Sawyer - 5.44E-7 * Neighborhood SawyerW - 5.44E-7 * Neighborhood Somerst - 5.44E-7 * Neighborhood StoneBr - 5.4E-7 * Neighborhood Timber + 4.63E-9 * GrLlvArea*Neighborho Blmngtn - 3.16E-9 * GrLlvArea*Neighborho Blueste + 4.61E-9 * GrLlvArea*Neighborho BrDale + 4.63E-9 * GrLlvArea*Neighborho BrkSide + 4.63E-9 * GrLlvArea*Neighborho ClearCr + 4.63E-9 * GrLlvArea*Neighborho CollgCr + 4.63E-9 * GrLlvArea*Neighborho Crawfor + 4.63E-9 * GrLlvArea*Neighborho Edwards + 4.63E-9 * GrLlvArea*Neighborho Gilbert + 4.63E-9 * GrLlvArea*Neighborho IDOTRR + 4.63E-9 * GrLlvArea*Neighborho MeadowV + 4.63E-9 * GrLlvArea*Neighborho Mitchel + 4.63E-9 * GrLlvArea*Neighborho NAmes + 4.64E-9 * GrLlvArea*Neighborho NPkVill + 4.63E-9 * GrLlvArea*Neighborho NWAmes + 4.63E-9 * GrLlvArea*Neighborho NoRidge + 4.63E-9 * GrLlvArea*Neighborho NridgHt + 4.63E-9 * GrLlvArea*Neighborho OldTown + 4.63E-9 * GrLlvArea*Neighborho SWISU + 4.63E-9 * GrLlvArea*Neighborho Sawyer + 4.63E-9 * GrLlvArea*Neighborho SawyerW + 4.63E-9 * GrLlvArea*Neighborho Somerst + 4.63E-9 * GrLlvArea*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 2fmC =	<pre> StoneBr + 4.63E-9 * GrLvlArea*Neighborhood Timber - 658E-16 * LotArea*Neighborhood Blmgtn - 655E-16 * LotArea*Neighborhood BrDale - 65E-15 * LotArea*Neighborhood BrkSide - 65E-15 * LotArea*Neighborhood ClearCr - 65E-15 * LotArea*Neighborhood CollgCr - 649E-16 * LotArea*Neighborhood Crawfor - 649E-16 * LotArea*Neighborhood Edwards - 649E-16 * LotArea*Neighborhood Gilbert - 65E-15 * LotArea*Neighborhood IDOTRR - 662E-16 * LotArea*Neighborhood MeadowV - 649E-16 * LotArea*Neighborhood Mitchel - 649E-16 * LotArea*Neighborhood NAmes - 647E-16 * LotArea*Neighborhood NPkVill - 649E-16 * LotArea*Neighborhood NWAmes - 649E-16 * LotArea*Neighborhood NoRidge - 65E-15 * LotArea*Neighborhood NridgHt - 649E-16 * LotArea*Neighborhood OldTown - 649E-16 * LotArea*Neighborhood SWISU - 649E-16 * LotArea*Neighborhood Sawyer - 65E-15 * LotArea*Neighborhood SawyerW - 648E-16 * LotArea*Neighborhood Somerst - 65E-15 * LotArea*Neighborhood StoneBr - 65E-15 * LotArea*Neighborhood Timber + 721E-12 * OverallCo*Neighborhood BrDale + 721E-12 * OverallCo*Neighborhood BrkSide + 721E-12 * OverallCo*Neighborhood ClearCr + 721E-12 * OverallCo*Neighborhood CollgCr + 72E-11 * OverallCo*Neighborhood Crawfor + 721E-12 * OverallCo*Neighborhood Edwards + 721E-12 * OverallCo*Neighborhood Gilbert + 721E-12 * OverallCo*Neighborhood IDOTRR + 721E-12 * OverallCo*Neighborhood MeadowV + 721E-12 * OverallCo*Neighborhood Mitchel + 721E-12 * OverallCo*Neighborhood NAmes + 721E-12 * OverallCo*Neighborhood NPkVill + 721E-12 * OverallCo*Neighborhood NWAmes + 72E-11 * OverallCo*Neighborhood NoRidge + 721E-12 * OverallCo*Neighborhood OldTown + 721E-12 * OverallCo*Neighborhood SWISU + 721E-12 * OverallCo*Neighborhood Sawyer + 721E-12 * OverallCo*Neighborhood SawyerW + 72E-11 * OverallCo*Neighborhood Somerst + 72E-11 * OverallCo*Neighborhood StoneBr + 719E-12 * OverallCo*Neighborhood Timber + 255E-12 * YearBuilt*Neighborhood Blmgtn + 255E-12 * YearBuilt*Neighborhood BrDale + 256E-12 * YearBuilt*Neighborhood BrkSide + 256E-12 * YearBuilt*Neighborhood ClearCr + 256E-12 * YearBuilt*Neighborhood CollgCr + 256E-12 * YearBuilt*Neighborhood Crawfor + 256E-12 * YearBuilt*Neighborhood Edwards + 256E-12 * YearBuilt*Neighborhood Gilbert + 256E-12 * YearBuilt*Neighborhood IDOTRR + 256E-12 * YearBuilt*Neighborhood MeadowV + 256E-12 * YearBuilt*Neighborhood Mitchel + 256E-12 * YearBuilt*Neighborhood NAmes + 254E-12 * YearBuilt*Neighborhood NPkVill + 256E-12 * YearBuilt*Neighborhood NWAmes + 256E-12 * YearBuilt*Neighborhood NoRidge + 256E-12 * YearBuilt*Neighborhood NridgHt + 256E-12 * YearBuilt*Neighborhood OldTown + 256E-12 * YearBuilt*Neighborhood SWISU + 256E-12 * YearBuilt*Neighborhood Sawyer + 256E-12 * YearBuilt*Neighborhood SawyerW + 256E-12 * YearBuilt*Neighborhood Somerst + 256E-12 * YearBuilt*Neighborhood StoneBr + 256E-12 * YearBuilt*Neighborhood Timber - 344E-14 * MasVnrAre*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 2fmC =	<pre> Blmgtn - 343E-14 * MasVnrAre*Neighborhood BrDale - 344E-14 * MasVnrAre*Neighborhood BrkSide - 344E-14 * MasVnrAre*Neighborhood ClearCr - 344E-14 * MasVnrAre*Neighborhood CollgCr - 344E-14 * MasVnrAre*Neighborhood Crawfor - 344E-14 * MasVnrAre*Neighborhood Edwards - 344E-14 * MasVnrAre*Neighborhood Gilbert - 344E-14 * MasVnrAre*Neighborhood IDOTRR - 341E-14 * MasVnrAre*Neighborhood MeadowV - 344E-14 * MasVnrAre*Neighborhood Mitchel - 344E-14 * MasVnrAre*Neighborhood NAmes - 344E-14 * MasVnrAre*Neighborhood NWAmes - 344E-14 * MasVnrAre*Neighborhood NoRidge - 344E-14 * MasVnrAre*Neighborhood NridgHt - 344E-14 * MasVnrAre*Neighborhood OldTown - 344E-14 * MasVnrAre*Neighborhood SWISU - 344E-14 * MasVnrAre*Neighborhood Sawyer - 344E-14 * MasVnrAre*Neighborhood SawyerW - 344E-14 * MasVnrAre*Neighborhood Somerst - 344E-14 * MasVnrAre*Neighborhood StoneBr - 344E-14 * MasVnrAre*Neighborhood Timber - 194E-14 * TotalBsmt*Neighborhood Blmgtn - 192E-14 * TotalBsmt*Neighborhood BrDale - 194E-14 * TotalBsmt*Neighborhood BrkSide - 194E-14 * TotalBsmt*Neighborhood ClearCr - 194E-14 * TotalBsmt*Neighborhood CollgCr - 194E-14 * TotalBsmt*Neighborhood Crawfor - 194E-14 * TotalBsmt*Neighborhood Edwards - 194E-14 * TotalBsmt*Neighborhood Gilbert - 194E-14 * TotalBsmt*Neighborhood IDOTRR - 194E-14 * TotalBsmt*Neighborhood MeadowV - 194E-14 * TotalBsmt*Neighborhood Mitchel - 194E-14 * TotalBsmt*Neighborhood NAmes - 194E-14 * TotalBsmt*Neighborhood NPKVill - 194E-14 * TotalBsmt*Neighborhood NWAmes - 194E-14 * TotalBsmt*Neighborhood NoRidge - 194E-14 * TotalBsmt*Neighborhood NridgHt - 194E-14 * TotalBsmt*Neighborhood OldTown - 194E-14 * TotalBsmt*Neighborhood SWISU - 194E-14 * TotalBsmt*Neighborhood Sawyer - 194E-14 * TotalBsmt*Neighborhood SawyerW - 194E-14 * TotalBsmt*Neighborhood Somerst - 194E-14 * TotalBsmt*Neighborhood StoneBr - 194E-14 * TotalBsmt*Neighborhood Timber - 1.49E-9 * FullBath*Neighborhood Blmgtn - 1.49E-9 * FullBath*Neighborhood BrDale - 1.49E-9 * FullBath*Neighborhood BrkSide - 1.49E-9 * FullBath*Neighborhood ClearCr - 1.49E-9 * FullBath*Neighborhood CollgCr - 1.49E-9 * FullBath*Neighborhood Crawfor - 1.49E-9 * FullBath*Neighborhood Edwards - 1.49E-9 * FullBath*Neighborhood Gilbert - 1.49E-9 * FullBath*Neighborhood IDOTRR - 1.5E-9 * FullBath*Neighborhood MeadowV - 1.49E-9 * FullBath*Neighborhood Mitchel - 1.49E-9 * FullBath*Neighborhood NAmes - 1.49E-9 * FullBath*Neighborhood NWAmes - 1.49E-9 * FullBath*Neighborhood NoRidge - 1.49E-9 * FullBath*Neighborhood NridgHt - 1.49E-9 * FullBath*Neighborhood OldTown - 1.49E-9 * FullBath*Neighborhood SWISU - 1.49E-9 * FullBath*Neighborhood Sawyer - 1.49E-9 * FullBath*Neighborhood SawyerW - 1.49E-9 * FullBath*Neighborhood Somerst - 1.49E-9 * FullBath*Neighborhood StoneBr - 1.5E-9 * FullBath*Neighborhood Timber + 359E-12 * Fireplace*Neighborhood Blmgtn + 358E-12 * Fireplace*Neighborhood BrDale + 358E-12 * Fireplace*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 2fmC =	BrkSide + 359E-12 * Fireplace*Neighborhood ClearCr + 359E-12 * Fireplace*Neighborhood CollgCr + 359E-12 * Fireplace*Neighborhood Crawfor + 359E-12 * Fireplace*Neighborhood Edwards + 359E-12 * Fireplace*Neighborhood Gilbert + 359E-12 * Fireplace*Neighborhood IDOTRR + 359E-12 * Fireplace*Neighborhood MeadowV + 359E-12 * Fireplace*Neighborhood Mitchel + 359E-12 * Fireplace*Neighborhood NAmes + 359E-12 * Fireplace*Neighborhood NPkVill + 359E-12 * Fireplace*Neighborhood NWAmes + 359E-12 * Fireplace*Neighborhood NoRidge + 359E-12 * Fireplace*Neighborhood NridgHt + 359E-12 * Fireplace*Neighborhood OldTown + 359E-12 * Fireplace*Neighborhood SWISU + 359E-12 * Fireplace*Neighborhood Sawyer + 359E-12 * Fireplace*Neighborhood SawyerW + 359E-12 * Fireplace*Neighborhood Somerst + 359E-12 * Fireplace*Neighborhood StoneBr + 359E-12 * Fireplace*Neighborhood Timber + 4.43E-9 * Neighborhood*BldgType Blmgtn 1Fa + Neighborhood*BldgType BrkSide 1Fa + 4.43E-9 * Neighborhood*BldgType CollgCr 1Fa + 4.43E-9 * Neighborhood*BldgType Crawfor 1Fa - 1 * Neighborhood*BldgType Edwards 2fm + 4.43E-9 * Neighborhood*BldgType Edwards 1Fa - 1 * Neighborhood*BldgType Edwards 2fm + Neighborhood*BldgType Gilbert 1Fa + 4.43E-9 * Neighborhood*BldgType IDOTRR 1Fam - 1 * Neighborhood*BldgType IDOTRR 2fmC + 4.43E-9 * Neighborhood*BldgType Mitchel 1Fa - 1 * Neighborhood*BldgType Mitchel 2fm + 4.43E-9 * Neighborhood*BldgType NAmes 1Fam + 4.43E-9 * Neighborhood*BldgType NWAmes 1Fam + 4.43E-9 * Neighborhood*BldgType NridgHt 1Fa + 4.43E-9 * Neighborhood*BldgType OldTown 1Fa - 1 * Neighborhood*BldgType OldTown 2fm + Neighborhood*BldgType SWISU 1Fam + 4.43E-9 * Neighborhood*BldgType Sawyer 1Fam - 1 * Neighborhood*BldgType Sawyer 2fmC + 4.43E-9 * Neighborhood*BldgType SawyerW 1Fa + 4.43E-9 * Neighborhood*BldgType Somerst 1Fa + 4.43E-9 * Neighborhood*BldgType StoneBr 1Fa - 1.16E-9 * Neighborhood*HouseStyle BrkSide 1St - 1.16E-9 * Neighborhood*HouseStyle ClearCr 1St - 1.16E-9 * Neighborhood*HouseStyle CollgCr 1St - 25E-13 * Neighborhood*HouseStyle CollgCr 2St - 1.16E-9 * Neighborhood*HouseStyle Crawfor 1St - 1.16E-9 * Neighborhood*HouseStyle Edwards 1St - 1.16E-9 * Neighborhood*HouseStyle Gilbert 1St - 205E-14 * Neighborhood*HouseStyle Gilbert 2St - 1.16E-9 * Neighborhood*HouseStyle IDOTRR 1Sto - 1.16E-9 * Neighborhood*HouseStyle MeadowV 1St - 1.16E-9 * Neighborhood*HouseStyle Mitchel 1St - 1.16E-9 * Neighborhood*HouseStyle NAmes 1Stor - 248E-14 * Neighborhood*HouseStyle NAmes 2Stor - 1.16E-9 * Neighborhood*HouseStyle NPkVill 1St - 1.16E-9 * Neighborhood*HouseStyle NWAmes 1Sto - 23E-13 * Neighborhood*HouseStyle NWAmes 2Sto - 1.16E-9 * Neighborhood*HouseStyle NoRidge 1St - 1.16E-9 * Neighborhood*HouseStyle NridgHt 1St - 1.16E-9 * Neighborhood*HouseStyle OldTown 1St - 206E-14 * Neighborhood*HouseStyle OldTown 2St - 1.16E-9 * Neighborhood*HouseStyle SWISU 1Stor - 1.16E-9 * Neighborhood*HouseStyle Sawyer 1Sto - 1.16E-9 * Neighborhood*HouseStyle SawyerW 1St - 1.16E-9 * Neighborhood*HouseStyle Somerst 1St - 1.16E-9 * Neighborhood*HouseStyle StoneBr 1St - 1.16E-9 * Neighborhood*HouseStyle Timber
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*BldgType Timber 2fmC =	1Sto + 463E-14 * GarageCars - 911E-18 * YearBuilt*Garage Cars - 445E-15 * GarageCar*HouseStyle 1Story + 22E-13 * GarageCar*HouseStyle 2.5Fin - 318E-15 * GarageCar*HouseStyle 2Story - 352E-14 * GarageCar*Neighborhood Blmngtn - 388E-14 * GarageCar*Neighborhood BrDale - 271E-14 * GarageCar*Neighborhood BrkSide - 263E-14 * GarageCar*Neighborhood ClearCr - 191E-14 * GarageCar*Neighborhood CollgCr - 207E-14 * GarageCar*Neighborhood Crawfor - 209E-14 * GarageCar*Neighborhood Edwards - 244E-14 * GarageCar*Neighborhood Gilbert - 238E-14 * GarageCar*Neighborhood IDOTRR - 267E-14 * GarageCar*Neighborhood MeadowV - 241E-14 * GarageCar*Neighborhood Mitchel - 221E-14 * GarageCar*Neighborhood NAmes - 227E-14 * GarageCar*Neighborhood NoRidge - 23E-13 * GarageCar*Neighborhood NridgHt - 248E-14 * GarageCar*Neighborhood OldTown - 27E-13 * GarageCar*Neighborhood SWISU - 235E-14 * GarageCar*Neighborhood Sawyer - 235E-14 * GarageCar*Neighborhood SawyerW - 22E-13 * GarageCar*Neighborhood Somerst - 133E-14 * GarageCar*Neighborhood StoneBr
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Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborhoo*BldgType Timber Dupl =	0
Neighborhoo*BldgType Timber Twnh =	0
Neighborh*HouseStyle Blmngtn 1.5 =	0
Neighborh*HouseStyle Blmngtn 1.2 =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle Blmngtn 1St =	<pre> -4.46E-8 * Intercept + 378E-12 * GrLlvArea_I - 527E-17 * Lot Area + 59E-12 * OverallCond + 21E-12 * YearBuilt - 28E-14 * MasVnrArea - 158E-15 * TotalBsmtSF - 121E-12 * FullBath + 292E-13 * Fireplaces + 364E-12 * BldgType 1Fam + 364E-12 * HouseStyle 1.5Unf + 947E-13 * HouseStyle 1Story + 365E-12 * HouseStyle 2.5Fin + 363E-12 * HouseStyle 2.5Unf - 364E-12 * BldgType*HouseStyle 1Fam 1.5Unf - 365E-12 * BldgType*HouseStyle 1Fam 2.5Fin - 364E-12 * BldgType*HouseStyle 1Fam 2.5Unf + 364E-12 * BldgType*HouseStyle 2fmCon 1.5Fi + 364E-12 * BldgType*HouseStyle 2fmCon 1Stor + 364E-12 * BldgType*HouseStyle 2fmCon 2Stor + 1 * Neighborhood Blmngtn - 1.61E-9 * Neighborhood Blueste + 4.47E-8 * Neighborhood BrDale + 4.42E-8 * Neighborhood BrkSide + 4.42E-8 * Neighborhood ClearCr + 4.46E-8 * Neighborhood CollgCr + 4.46E-8 * Neighborhood Crawfor + 4.46E-8 * Neighborhood Edwards + 4.42E-8 * Neighborhood Gilbert + 4.46E-8 * Neighborhood IDOTRR + 4.45E-8 * Neighborhood MeadowV + 4.46E-8 * Neighborhood Mitchel + 4.46E-8 * Neighborhood NAmes + 4.46E-8 * Neighborhood NPkVill + 4.46E-8 * Neighborhood NWAmes + 4.43E-8 * Neighborhood NoRidge + 4.43E-8 * Neighborhood NridgHt + 4.46E-8 * Neighborhood OldTown + 4.42E-8 * Neighborhood SWISU + 4.46E-8 * Neighborhood Sawyer + 4.46E-8 * Neighborhood SawyerW + 4.46E-8 * Neighborhood Somerset + 4.46E-8 * Neighborhood StoneBr + 4.43E-8 * Neighborhood Timber - 378E-12 * GrLlvArea*Neighborho Blmngtn + 259E-12 * GrLlvArea*Neighborho Blueste - 379E-12 * GrLlvArea*Neighborho BrDale - 378E-12 * GrLlvArea*Neighborho BrkSide - 378E-12 * GrLlvArea*Neighborho ClearCr - 378E-12 * GrLlvArea*Neighborho CollgCr - 378E-12 * GrLlvArea*Neighborho Crawfor - 378E-12 * GrLlvArea*Neighborho Edwards - 378E-12 * GrLlvArea*Neighborho Gilbert - 378E-12 * GrLlvArea*Neighborho IDOTRR - 377E-12 * GrLlvArea*Neighborho MeadowV - 378E-12 * GrLlvArea*Neighborho Mitchel - 378E-12 * GrLlvArea*Neighborho NAmes - 379E-12 * GrLlvArea*Neighborho NPkVill - 378E-12 * GrLlvArea*Neighborho NWAmes - 378E-12 * GrLlvArea*Neighborho NoRidge - 378E-12 * GrLlvArea*Neighborho NridgHt - 378E-12 * GrLlvArea*Neighborho OldTown - 378E-12 * GrLlvArea*Neighborho SWISU - 378E-12 * GrLlvArea*Neighborho Sawyer - 378E-12 * GrLlvArea*Neighborho SawyerW - 378E-12 * GrLlvArea*Neighborho Somerset - 378E-12 * GrLlvArea*Neighborho StoneBr - 378E-12 * GrLlvArea*Neighborho Timber + 529E-17 * LotArea*Neighborhood Blmngtn + 532E-17 * LotArea*Neighborhood BrkSide + 532E-17 * LotArea*Neighborhood ClearCr + 532E-17 * LotArea*Neighborhood CollgCr + 532E-17 * LotArea*Neighborhood Crawfor + 532E-17 * LotArea*Neighborhood Edwards + 532E-17 * LotArea*Neighborhood Gilbert + 532E-17 * LotArea*Neighborhood IDOTRR + 507E-17 * LotArea*Neighborhood MeadowV + 532E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*HouseStyle Blmgtn 1St =	Mitchel + 532E-17 * LotArea*Neighborhood NAmes + 531E-17 * LotArea*Neighborhood NPKVill + 532E-17 * LotArea*Neighborhood NWAmes + 532E-17 * LotArea*Neighborhood NoRidge + 532E-17 * LotArea*Neighborhood NridgHt + 532E-17 * LotArea*Neighborhood OldTown + 532E-17 * LotArea*Neighborhood SWISU + 532E-17 * LotArea*Neighborhood Sawyer + 533E-17 * LotArea*Neighborhood SawyerW + 531E-17 * LotArea*Neighborhood Somerst + 532E-17 * LotArea*Neighborhood StoneBr + 532E-17 * LotArea*Neighborhood Timber - 59E-12 * OverallCo*Neighborhood BrDale - 59E-12 * OverallCo*Neighborhood BrkSide - 589E-13 * OverallCo*Neighborhood ClearCr - 59E-12 * OverallCo*Neighborhood CollgCr - 589E-13 * OverallCo*Neighborhood Crawfor - 59E-12 * OverallCo*Neighborhood Edwards - 59E-12 * OverallCo*Neighborhood Gilbert - 59E-12 * OverallCo*Neighborhood IDOTRR - 59E-12 * OverallCo*Neighborhood MeadowV - 59E-12 * OverallCo*Neighborhood Mitchel - 59E-12 * OverallCo*Neighborhood NAmes - 59E-12 * OverallCo*Neighborhood NPKVill - 59E-12 * OverallCo*Neighborhood NWAmes - 589E-13 * OverallCo*Neighborhood NoRidge - 59E-12 * OverallCo*Neighborhood OldTown - 59E-12 * OverallCo*Neighborhood SWISU - 59E-12 * OverallCo*Neighborhood Sawyer - 59E-12 * OverallCo*Neighborhood SawyerW - 589E-13 * OverallCo*Neighborhood Somerst - 589E-13 * OverallCo*Neighborhood StoneBr - 589E-13 * OverallCo*Neighborhood Timber - 21E-12 * YearBuilt*Neighborhood Blmgtn - 21E-12 * YearBuilt*Neighborhood BrDale - 21E-12 * YearBuilt*Neighborhood BrkSide - 21E-12 * YearBuilt*Neighborhood ClearCr - 21E-12 * YearBuilt*Neighborhood CollgCr - 21E-12 * YearBuilt*Neighborhood Crawfor - 21E-12 * YearBuilt*Neighborhood Edwards - 21E-12 * YearBuilt*Neighborhood Gilbert - 21E-12 * YearBuilt*Neighborhood IDOTRR - 209E-13 * YearBuilt*Neighborhood MeadowV - 21E-12 * YearBuilt*Neighborhood Mitchel - 21E-12 * YearBuilt*Neighborhood NAmes - 209E-13 * YearBuilt*Neighborhood NPKVill - 21E-12 * YearBuilt*Neighborhood NWAmes - 21E-12 * YearBuilt*Neighborhood NoRidge - 21E-12 * YearBuilt*Neighborhood NridgHt - 21E-12 * YearBuilt*Neighborhood OldTown - 21E-12 * YearBuilt*Neighborhood SWISU - 21E-12 * YearBuilt*Neighborhood Sawyer - 21E-12 * YearBuilt*Neighborhood SawyerW - 21E-12 * YearBuilt*Neighborhood Somerst - 21E-12 * YearBuilt*Neighborhood StoneBr - 21E-12 * YearBuilt*Neighborhood Timber + 279E-15 * MasVnrAre*Neighborhood Blmgtn + 28E-14 * MasVnrAre*Neighborhood BrDale + 28E-14 * MasVnrAre*Neighborhood BrkSide + 28E-14 * MasVnrAre*Neighborhood ClearCr + 279E-15 * MasVnrAre*Neighborhood CollgCr + 28E-14 * MasVnrAre*Neighborhood Crawfor + 28E-14 * MasVnrAre*Neighborhood Edwards + 279E-15 * MasVnrAre*Neighborhood Gilbert + 28E-14 * MasVnrAre*Neighborhood IDOTRR + 28E-14 * MasVnrAre*Neighborhood Mitchel + 28E-14 * MasVnrAre*Neighborhood NAmes + 28E-14 * MasVnrAre*Neighborhood NWAmes + 28E-14 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborh*HouseStyle Blmngtn 1St =	NoRidge + 28E-14 * MasVnrAre*Neighborho NridgHt + 28E-14 * MasVnrAre*Neighborho OldTown + 28E-14 * MasVnrAre*Neighborho SWISU + 28E-14 * MasVnrAre*Neighborho Sawyer + 28E-14 * MasVnrAre*Neighborho SawyerW + 28E-14 * MasVnrAre*Neighborho Somerst + 279E-15 * MasVnrAre*Neighborho StoneBr + 279E-15 * MasVnrAre*Neighborho Timber + 158E-15 * TotalBsmt*Neighborho Blmngtn + 16E-14 * TotalBsmt*Neighborho BrDale + 158E-15 * TotalBsmt*Neighborho BrkSide + 158E-15 * TotalBsmt*Neighborho ClearCr + 158E-15 * TotalBsmt*Neighborho CollgCr + 158E-15 * TotalBsmt*Neighborho Crawfor + 158E-15 * TotalBsmt*Neighborho Edwards + 158E-15 * TotalBsmt*Neighborho Gilbert + 158E-15 * TotalBsmt*Neighborho IDOTRR + 156E-15 * TotalBsmt*Neighborho MeadowV + 158E-15 * TotalBsmt*Neighborho Mitchel + 158E-15 * TotalBsmt*Neighborho NAmes + 158E-15 * TotalBsmt*Neighborho NPkVill + 158E-15 * TotalBsmt*Neighborho NWAmes + 158E-15 * TotalBsmt*Neighborho NoRidge + 158E-15 * TotalBsmt*Neighborho NridgHt + 158E-15 * TotalBsmt*Neighborho OldTown + 158E-15 * TotalBsmt*Neighborho SWISU + 158E-15 * TotalBsmt*Neighborho Sawyer + 158E-15 * TotalBsmt*Neighborho SawyerW + 158E-15 * TotalBsmt*Neighborho Somerst + 158E-15 * TotalBsmt*Neighborho StoneBr + 158E-15 * TotalBsmt*Neighborho Timber + 122E-12 * FullBath*Neighborhoo Blmngtn + 122E-12 * FullBath*Neighborhoo BrDale + 122E-12 * FullBath*Neighborhoo BrkSide + 122E-12 * FullBath*Neighborhoo ClearCr + 122E-12 * FullBath*Neighborhoo CollgCr + 122E-12 * FullBath*Neighborhoo Crawfor + 122E-12 * FullBath*Neighborhoo Edwards + 122E-12 * FullBath*Neighborhoo Gilbert + 122E-12 * FullBath*Neighborhoo IDOTRR + 123E-12 * FullBath*Neighborhoo MeadowV + 122E-12 * FullBath*Neighborhoo Mitchel + 122E-12 * FullBath*Neighborhoo NAmes + 122E-12 * FullBath*Neighborhoo NWAmes + 122E-12 * FullBath*Neighborhoo NoRidge + 122E-12 * FullBath*Neighborhoo NridgHt + 122E-12 * FullBath*Neighborhoo OldTown + 122E-12 * FullBath*Neighborhoo SWISU + 122E-12 * FullBath*Neighborhoo Sawyer + 122E-12 * FullBath*Neighborhoo SawyerW + 122E-12 * FullBath*Neighborhoo Somerst + 122E-12 * FullBath*Neighborhoo StoneBr + 122E-12 * FullBath*Neighborhoo Timber - 296E-13 * Fireplace*Neighborho Blmngtn - 296E-13 * Fireplace*Neighborho BrkSide - 297E-13 * Fireplace*Neighborho ClearCr - 296E-13 * Fireplace*Neighborho CollgCr - 296E-13 * Fireplace*Neighborho Crawfor - 297E-13 * Fireplace*Neighborho Edwards - 297E-13 * Fireplace*Neighborho Gilbert - 296E-13 * Fireplace*Neighborho IDOTRR - 303E-13 * Fireplace*Neighborho MeadowV - 296E-13 * Fireplace*Neighborho Mitchel - 296E-13 * Fireplace*Neighborho NAmes - 297E-13 * Fireplace*Neighborho NPkVill - 297E-13 * Fireplace*Neighborho NWAmes - 297E-13 * Fireplace*Neighborho NoRidge - 297E-13 * Fireplace*Neighborho NridgHt - 296E-13 * Fireplace*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle Blmngtn 1St =	OldTown - 296E-13 * Fireplace*Neighborho SWISU - 297E-13 * Fireplace*Neighborho Sawyer - 297E-13 * Fireplace*Neighborho SawyerW - 296E-13 * Fireplace*Neighborho Somerst - 297E-13 * Fireplace*Neighborho StoneBr - 297E-13 * Fireplace*Neighborho Timber - 364E-12 * Neighborhoo*BldgType Blmngtn 1Fa - 364E-12 * Neighborhoo*BldgType CollgCr 1Fa - 364E-12 * Neighborhoo*BldgType Crawfor 1Fa - 364E-12 * Neighborhoo*BldgType Crawfor 2fm - 364E-12 * Neighborhoo*BldgType Edwards 1Fa - 364E-12 * Neighborhoo*BldgType Edwards 2fm - 364E-12 * Neighborhoo*BldgType IDOTRR 1Fam - 364E-12 * Neighborhoo*BldgType IDOTRR 2fmC - 363E-12 * Neighborhoo*BldgType Mitchel 1Fa - 363E-12 * Neighborhoo*BldgType Mitchel 2fm - 364E-12 * Neighborhoo*BldgType NAmes 1Fam - 364E-12 * Neighborhoo*BldgType NWAmes 1Fam - 364E-12 * Neighborhoo*BldgType NridgHt 1Fa - 364E-12 * Neighborhoo*BldgType OldTown 1Fa - 364E-12 * Neighborhoo*BldgType OldTown 2fm - 364E-12 * Neighborhoo*BldgType Sawyer 1Fam - 364E-12 * Neighborhoo*BldgType Sawyer 2fmC - 364E-12 * Neighborhoo*BldgType SawyerW 1Fa - 364E-12 * Neighborhoo*BldgType Somerst 1Fa - 364E-12 * Neighborhoo*BldgType StoneBr 1Fa + 945E-13 * Neighborh*HouseStyle BrkSide 1St + 947E-13 * Neighborh*HouseStyle ClearCr 1St + 947E-13 * Neighborh*HouseStyle CollgCr 1St + 944E-13 * Neighborh*HouseStyle Crawfor 1St + 947E-13 * Neighborh*HouseStyle Edwards 1St + 947E-13 * Neighborh*HouseStyle Gilbert 1St + 944E-13 * Neighborh*HouseStyle IDOTRR 1Sto + 932E-13 * Neighborh*HouseStyle MeadowV 1St + 947E-13 * Neighborh*HouseStyle Mitchel 1St + 947E-13 * Neighborh*HouseStyle NAmes 1Stor + 95E-12 * Neighborh*HouseStyle NPkVill 1St + 946E-13 * Neighborh*HouseStyle NWAmes 1Sto + 944E-13 * Neighborh*HouseStyle NoRidge 1St + 944E-13 * Neighborh*HouseStyle NridgHt 1St + 947E-13 * Neighborh*HouseStyle OldTown 1St + 944E-13 * Neighborh*HouseStyle SWISU 1Stor + 947E-13 * Neighborh*HouseStyle Sawyer 1Sto + 947E-13 * Neighborh*HouseStyle SawyerW 1St + 945E-13 * Neighborh*HouseStyle Somerst 1St + 944E-13 * Neighborh*HouseStyle StoneBr 1St + 946E-13 * Neighborh*HouseStyle Timber 1Sto
Neighborh*HouseStyle Blmngtn 2.5 =	0
Neighborh*HouseStyle Blmngtn 2.2 =	0
Neighborh*HouseStyle Blmngtn 2St =	0
Neighborh*HouseStyle Blmngtn SFo =	0
Neighborh*HouseStyle Blueste 1.5 =	0
Neighborh*HouseStyle Blueste 1.2 =	0
Neighborh*HouseStyle Blueste 1St =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborth*HouseStyle Blueste 2.5 =	0
Neighborth*HouseStyle Blueste 2.2 =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle Blueste 2St =	<pre> -3.85E-9 * Intercept + 328E-13 * GrLlvArea_I - 454E-18 * Lot Area + 511E-14 * OverallCond + 181E-14 * YearBuilt - 244E-16 * MasVnrArea - 137E-16 * TotalBsmtSF - 105E-13 * FullBath + 25E-13 * Fireplaces + 314E-13 * BldgType 1Fam + 314E-13 * HouseStyle 1.5Unf + 821E-14 * HouseStyle 1Story + 315E-13 * HouseStyle 2.5Fin + 314E-13 * HouseStyle 2.5Unf - 314E-13 * BldgType*HouseStyle 1Fam 1.5Unf - 315E-13 * BldgType*HouseStyle 1Fam 2.5Fin - 314E-13 * BldgType*HouseStyle 1Fam 2.5Unf + 314E-13 * BldgType*HouseStyle 2fmCon 1.5Fi + 314E-13 * BldgType*HouseStyle 2fmCon 1Stor + 314E-13 * BldgType*HouseStyle 2fmCon 2Stor + 3.8E-9 * Neighborhood Blmngtn + 1 * Neighborhood Blueste + 3.97E-9 * Neighborhood BrDale + 3.82E-9 * Neighborhood BrkSide + 3.82E-9 * Neighborhood ClearCr + 3.85E-9 * Neighborhood CollgCr + 3.85E-9 * Neighborhood Crawfor + 3.85E-9 * Neighborhood Edwards + 3.82E-9 * Neighborhood Gilbert + 3.85E-9 * Neighborhood IDOTRR + 3.84E-9 * Neighborhood MeadowV + 3.85E-9 * Neighborhood Mitchel + 3.85E-9 * Neighborhood NAmes + 3.9E-9 * Neighborhood NPkVill + 3.85E-9 * Neighborhood NWAmes + 3.82E-9 * Neighborhood NoRidge + 3.83E-9 * Neighborhood NridgHt + 3.85E-9 * Neighborhood OldTown + 3.82E-9 * Neighborhood SWISU + 3.85E-9 * Neighborhood Sawyer + 3.85E-9 * Neighborhood SawyerW + 3.85E-9 * Neighborhood Somerset + 3.85E-9 * Neighborhood StoneBr + 3.82E-9 * Neighborhood Timber - 328E-13 * GrLlvArea*Neighborhood Blmngtn + 225E-13 * GrLlvArea*Neighborhood Blueste - 348E-13 * GrLlvArea*Neighborhood BrDale - 328E-13 * GrLlvArea*Neighborhood BrkSide - 328E-13 * GrLlvArea*Neighborhood ClearCr - 328E-13 * GrLlvArea*Neighborhood CollgCr - 328E-13 * GrLlvArea*Neighborhood Crawfor - 328E-13 * GrLlvArea*Neighborhood Edwards - 328E-13 * GrLlvArea*Neighborhood Gilbert - 328E-13 * GrLlvArea*Neighborhood IDOTRR - 325E-13 * GrLlvArea*Neighborhood MeadowV - 328E-13 * GrLlvArea*Neighborhood Mitchel - 328E-13 * GrLlvArea*Neighborhood NAmes - 325E-13 * GrLlvArea*Neighborhood NPkVill - 327E-13 * GrLlvArea*Neighborhood NWAmes - 327E-13 * GrLlvArea*Neighborhood NoRidge - 328E-13 * GrLlvArea*Neighborhood NridgHt - 328E-13 * GrLlvArea*Neighborhood OldTown - 328E-13 * GrLlvArea*Neighborhood SWISU - 328E-13 * GrLlvArea*Neighborhood Sawyer - 328E-13 * GrLlvArea*Neighborhood SawyerW - 328E-13 * GrLlvArea*Neighborhood Somerset - 328E-13 * GrLlvArea*Neighborhood StoneBr - 328E-13 * GrLlvArea*Neighborhood Timber + 46E-17 * LotArea*Neighborhood BrkSide + 46E-17 * LotArea*Neighborhood ClearCr + 46E-17 * LotArea*Neighborhood CollgCr + 46E-17 * LotArea*Neighborhood Crawfor + 46E-17 * LotArea*Neighborhood Edwards + 46E-17 * LotArea*Neighborhood Gilbert + 46E-17 * LotArea*Neighborhood IDOTRR + 46E-17 * LotArea*Neighborhood Mitchel + 46E-17 * LotArea*Neighborhood NAmes + 46E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle Blueste 2St =	NWAmes + 46E-17 * LotArea*Neighborhood NoRidge + 46E-17 * LotArea*Neighborhood NridgHt + 46E-17 * LotArea*Neighborhood OldTown + 46E-17 * LotArea*Neighborhood SWISU + 46E-17 * LotArea*Neighborhood Sawyer + 461E-18 * LotArea*Neighborhood SawyerW + 459E-18 * LotArea*Neighborhood Somerst + 46E-17 * LotArea*Neighborhood StoneBr + 46E-17 * LotArea*Neighborhood Timber - 513E-14 * OverallCo*Neighborhood BrDale - 511E-14 * OverallCo*Neighborhood BrkSide - 511E-14 * OverallCo*Neighborhood ClearCr - 511E-14 * OverallCo*Neighborhood CollgCr - 51E-13 * OverallCo*Neighborhood Crawfor - 511E-14 * OverallCo*Neighborhood Edwards - 511E-14 * OverallCo*Neighborhood Gilbert - 511E-14 * OverallCo*Neighborhood IDOTRR - 511E-14 * OverallCo*Neighborhood MeadowV - 511E-14 * OverallCo*Neighborhood Mitchel - 511E-14 * OverallCo*Neighborhood NAmes - 512E-14 * OverallCo*Neighborhood NPkVill - 511E-14 * OverallCo*Neighborhood NWAmes - 51E-13 * OverallCo*Neighborhood NoRidge - 511E-14 * OverallCo*Neighborhood OldTown - 511E-14 * OverallCo*Neighborhood SWISU - 511E-14 * OverallCo*Neighborhood Sawyer - 511E-14 * OverallCo*Neighborhood SawyerW - 51E-13 * OverallCo*Neighborhood Somerst - 51E-13 * OverallCo*Neighborhood StoneBr - 51E-13 * OverallCo*Neighborhood Timber - 18E-13 * YearBuilt*Neighborhood Blmgtn - 186E-14 * YearBuilt*Neighborhood BrDale - 181E-14 * YearBuilt*Neighborhood BrkSide - 181E-14 * YearBuilt*Neighborhood ClearCr - 181E-14 * YearBuilt*Neighborhood CollgCr - 181E-14 * YearBuilt*Neighborhood Crawfor - 181E-14 * YearBuilt*Neighborhood Edwards - 181E-14 * YearBuilt*Neighborhood Gilbert - 181E-14 * YearBuilt*Neighborhood IDOTRR - 18E-13 * YearBuilt*Neighborhood MeadowV - 181E-14 * YearBuilt*Neighborhood Mitchel - 181E-14 * YearBuilt*Neighborhood NAmes - 182E-14 * YearBuilt*Neighborhood NPkVill - 181E-14 * YearBuilt*Neighborhood NWAmes - 181E-14 * YearBuilt*Neighborhood NoRidge - 181E-14 * YearBuilt*Neighborhood NridgHt - 181E-14 * YearBuilt*Neighborhood OldTown - 181E-14 * YearBuilt*Neighborhood SWISU - 181E-14 * YearBuilt*Neighborhood Sawyer - 181E-14 * YearBuilt*Neighborhood SawyerW - 181E-14 * YearBuilt*Neighborhood Somerst - 181E-14 * YearBuilt*Neighborhood StoneBr - 181E-14 * YearBuilt*Neighborhood Timber + 247E-16 * MasVnrAre*Neighborhood BrDale + 243E-16 * MasVnrAre*Neighborhood ClearCr + 243E-16 * MasVnrAre*Neighborhood CollgCr + 243E-16 * MasVnrAre*Neighborhood Crawfor + 243E-16 * MasVnrAre*Neighborhood Edwards + 243E-16 * MasVnrAre*Neighborhood Gilbert + 243E-16 * MasVnrAre*Neighborhood Mitchel + 243E-16 * MasVnrAre*Neighborhood NAmes + 243E-16 * MasVnrAre*Neighborhood NWAmes + 243E-16 * MasVnrAre*Neighborhood NoRidge + 243E-16 * MasVnrAre*Neighborhood NridgHt + 243E-16 * MasVnrAre*Neighborhood OldTown + 243E-16 * MasVnrAre*Neighborhood Sawyer + 243E-16 * MasVnrAre*Neighborhood SawyerW + 243E-16 * MasVnrAre*Neighborhood Somerst + 243E-16 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighbhor*HouseStyle Blueste 2St =	StoneBr + 243E-16 * MasVnrAre*Neighbhorho Timber + 138E-16 * TotalBsmt*Neighbhorho Blmngtn + 162E-16 * TotalBsmt*Neighbhorho BrDale + 138E-16 * TotalBsmt*Neighbhorho BrkSide + 138E-16 * TotalBsmt*Neighbhorho ClearCr + 138E-16 * TotalBsmt*Neighbhorho CollgCr + 138E-16 * TotalBsmt*Neighbhorho Crawfor + 138E-16 * TotalBsmt*Neighbhorho Edwards + 138E-16 * TotalBsmt*Neighbhorho Gilbert + 138E-16 * TotalBsmt*Neighbhorho IDOTRR + 135E-16 * TotalBsmt*Neighbhorho MeadowV + 138E-16 * TotalBsmt*Neighbhorho Mitchel + 138E-16 * TotalBsmt*Neighbhorho NAmes + 137E-16 * TotalBsmt*Neighbhorho NPkVill + 138E-16 * TotalBsmt*Neighbhorho NWAmes + 138E-16 * TotalBsmt*Neighbhorho NoRidge + 138E-16 * TotalBsmt*Neighbhorho NridgHt + 138E-16 * TotalBsmt*Neighbhorho OldTown + 137E-16 * TotalBsmt*Neighbhorho SWISU + 138E-16 * TotalBsmt*Neighbhorho Sawyer + 138E-16 * TotalBsmt*Neighbhorho SawyerW + 138E-16 * TotalBsmt*Neighbhorho Somerst + 138E-16 * TotalBsmt*Neighbhorho StoneBr + 138E-16 * TotalBsmt*Neighbhorho Timber + 106E-13 * FullBath*Neighbhorhoo Blmngtn + 108E-13 * FullBath*Neighbhorhoo BrDale + 106E-13 * FullBath*Neighbhorhoo BrkSide + 106E-13 * FullBath*Neighbhorhoo ClearCr + 106E-13 * FullBath*Neighbhorhoo CollgCr + 106E-13 * FullBath*Neighbhorhoo Crawfor + 106E-13 * FullBath*Neighbhorhoo Edwards + 106E-13 * FullBath*Neighbhorhoo Gilbert + 106E-13 * FullBath*Neighbhorhoo IDOTRR + 107E-13 * FullBath*Neighbhorhoo MeadowV + 106E-13 * FullBath*Neighbhorhoo Mitchel + 106E-13 * FullBath*Neighbhorhoo NAmes + 106E-13 * FullBath*Neighbhorhoo NWAmes + 106E-13 * FullBath*Neighbhorhoo NoRidge + 106E-13 * FullBath*Neighbhorhoo NridgHt + 106E-13 * FullBath*Neighbhorhoo OldTown + 106E-13 * FullBath*Neighbhorhoo SWISU + 106E-13 * FullBath*Neighbhorhoo Sawyer + 106E-13 * FullBath*Neighbhorhoo SawyerW + 106E-13 * FullBath*Neighbhorhoo Somerst + 106E-13 * FullBath*Neighbhorhoo StoneBr + 106E-13 * FullBath*Neighbhorhoo Timber - 255E-14 * Fireplace*Neighbhorho ClearCr - 254E-14 * Fireplace*Neighbhorho CollgCr - 254E-14 * Fireplace*Neighbhorho Crawfor - 255E-14 * Fireplace*Neighbhorho Edwards - 255E-14 * Fireplace*Neighbhorho Gilbert - 254E-14 * Fireplace*Neighbhorho NAmes - 255E-14 * Fireplace*Neighbhorho NWAmes - 255E-14 * Fireplace*Neighbhorho NoRidge - 255E-14 * Fireplace*Neighbhorho NridgHt - 254E-14 * Fireplace*Neighbhorho OldTown - 255E-14 * Fireplace*Neighbhorho SawyerW - 254E-14 * Fireplace*Neighbhorho Somerst - 255E-14 * Fireplace*Neighbhorho Timber - 314E-13 * Neighborhoo*BldgType Blmngtn 1Fa - 314E-13 * Neighborhoo*BldgType CollgCr 1Fa - 314E-13 * Neighborhoo*BldgType Crawfor 1Fa - 314E-13 * Neighborhoo*BldgType Crawfor 2fm - 314E-13 * Neighborhoo*BldgType Edwards 1Fa - 314E-13 * Neighborhoo*BldgType Edwards 2fm - 314E-13 * Neighborhoo*BldgType IDOTRR 1Fam - 314E-13 * Neighborhoo*BldgType IDOTRR 2fmC - 314E-13 * Neighborhoo*BldgType Mitchel 1Fa - 314E-13 * Neighborhoo*BldgType Mitchel
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborth*HouseStyle Blueste 2St =	2fm - 314E-13 * Neighborhoo*BldgType NAmes 1Fam - 314E-13 * Neighborhoo*BldgType NWAmes 1Fam - 314E-13 * Neighborhoo*BldgType NridgHt 1Fa - 314E-13 * Neighborhoo*BldgType OldTown 1Fa - 314E-13 * Neighborhoo*BldgType OldTown 2fm - 314E-13 * Neighborhoo*BldgType Sawyer 1Fam - 314E-13 * Neighborhoo*BldgType Sawyer 2fmC - 314E-13 * Neighborhoo*BldgType SawyerW 1Fa - 314E-13 * Neighborhoo*BldgType Somerst 1Fa - 314E-13 * Neighborhoo*BldgType StoneBr 1Fa + 819E-14 * Neighborh*HouseStyle BrkSide 1St + 82E-13 * Neighborh*HouseStyle ClearCr 1St + 821E-14 * Neighborh*HouseStyle CollgCr 1St + 818E-14 * Neighborh*HouseStyle Crawfor 1St + 82E-13 * Neighborh*HouseStyle Edwards 1St + 82E-13 * Neighborh*HouseStyle Gilbert 1St + 819E-14 * Neighborh*HouseStyle IDOTRR 1Sto + 82E-13 * Neighborh*HouseStyle Mitchel 1St + 821E-14 * Neighborh*HouseStyle NAmes 1Stor + 811E-14 * Neighborh*HouseStyle NPkVill 1St + 82E-13 * Neighborh*HouseStyle NWAmes 1Sto + 818E-14 * Neighborh*HouseStyle NoRidge 1St + 819E-14 * Neighborh*HouseStyle NridgHt 1St + 82E-13 * Neighborh*HouseStyle OldTown 1St + 821E-14 * Neighborh*HouseStyle Sawyer 1Sto + 82E-13 * Neighborh*HouseStyle SawyerW 1St + 819E-14 * Neighborh*HouseStyle Somerst 1St + 818E-14 * Neighborh*HouseStyle StoneBr 1St + 82E-13 * Neighborh*HouseStyle Timber 1Sto
Neighborth*HouseStyle Blueste SFo =	0
Neighborth*HouseStyle BrDale 1.5F =	0
Neighborth*HouseStyle BrDale 1.5U =	0
Neighborth*HouseStyle BrDale 1Sto =	0
Neighborth*HouseStyle BrDale 2.5F =	0
Neighborth*HouseStyle BrDale 2.5U =	0

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle BrDale 2Sto =	<pre> - 4E-8 * Intercept + 34E-11 * GrLlvArea_I - 471E-17 * LotArea + 529E-13 * OverallCond + 188E-13 * YearBuilt - 252E-15 * Mas VnrArea - 142E-15 * TotalBsmtSF - 109E-12 * FullBath + 261E-13 * Fireplaces + 326E-12 * BldgType 1Fam + 326E-12 * HouseStyle 1.5Unf + 851E-13 * HouseStyle 1Story + 327E-12 * HouseStyle 2.5Fin + 326E-12 * HouseStyle 2.5Unf - 326E-12 * BldgType*HouseStyle 1Fam 1.5Unf - 327E-12 * BldgType*HouseStyle 1Fam 2.5Fin - 326E-12 * BldgType*HouseStyle 1Fam 2.5Unf + 326E-12 * BldgType*HouseStyle 2fmCon 1.5Fi + 326E-12 * BldgType*HouseStyle 2fmCon 1Stor + 326E-12 * BldgType*HouseStyle 2fmCon 2Stor + 3.96E-8 * Neighborhood Blmgtn - 1.44E-9 * Neighborhood Blueste + 1 * Neighborhood BrDale + 3.97E-8 * Neighborhood BrkSide + 3.97E-8 * Neighborhood ClearCr + 4E-8 * Neighborhood CollgCr + 4E-8 * Neighborhood Crawfor + 4E-8 * Neighborhood Edwards + 3.97E-8 * Neighborhood Gilbert + 4E-8 * Neighborhood IDOTRR + 4E-8 * Neighborhood MeadowV + 4E-8 * Neighborhood Mitchel + 4E-8 * Neighborhood NAmes + 4.02E-8 * Neighborhood NPKVill + 4E-8 * Neighborhood NWAmes + 3.97E-8 * Neighborhood NoRidge + 3.97E-8 * Neighborhood NridgHt + 4E-8 * Neighborhood OldTown + 3.97E-8 * Neighborhood SWISU + 4E-8 * Neighborhood Sawyer + 4E-8 * Neighborhood SawyerW + 4E-8 * Neighborhood Somerset + 4E-8 * Neighborhood StoneBr + 3.97E-8 * Neighborhood Timber - 339E-12 * GrLlvArea*Neighborhood Blmgtn + 232E-12 * GrLlvArea*Neighborhood Blueste - 37E-11 * GrLlvArea*Neighborhood BrDale - 34E-11 * GrLlvArea*Neighborhood BrkSide - 34E-11 * GrLlvArea*Neighborhood ClearCr - 34E-11 * GrLlvArea*Neighborhood CollgCr - 34E-11 * GrLlvArea*Neighborhood Crawfor - 339E-12 * GrLlvArea*Neighborhood Edwards - 339E-12 * GrLlvArea*Neighborhood Gilbert - 34E-11 * GrLlvArea*Neighborhood IDOTRR - 34E-11 * GrLlvArea*Neighborhood MeadowV - 34E-11 * GrLlvArea*Neighborhood Mitchel - 34E-11 * GrLlvArea*Neighborhood NAmes - 339E-12 * GrLlvArea*Neighborhood NPKVill - 339E-12 * GrLlvArea*Neighborhood NWAmes - 339E-12 * GrLlvArea*Neighborhood NoRidge - 339E-12 * GrLlvArea*Neighborhood NridgHt - 34E-11 * GrLlvArea*Neighborhood OldTown - 339E-12 * GrLlvArea*Neighborhood SWISU - 339E-12 * GrLlvArea*Neighborhood Sawyer - 339E-12 * GrLlvArea*Neighborhood SawyerW - 339E-12 * GrLlvArea*Neighborhood Somerset - 339E-12 * GrLlvArea*Neighborhood StoneBr - 34E-11 * GrLlvArea*Neighborhood Timber + 483E-17 * LotArea*Neighborhood Blmgtn + 477E-17 * LotArea*Neighborhood BrkSide + 477E-17 * LotArea*Neighborhood ClearCr + 477E-17 * LotArea*Neighborhood CollgCr + 477E-17 * LotArea*Neighborhood Crawfor + 477E-17 * LotArea*Neighborhood Edwards + 477E-17 * LotArea*Neighborhood Gilbert + 477E-17 * LotArea*Neighborhood IDOTRR + 481E-17 * LotArea*Neighborhood MeadowV + 477E-17 * LotArea*Neighborhood Mitchel + 477E-17 * LotArea*Neighborhood NAmes + 479E-17 * LotArea*Neighborhood NPKVill + 477E-17 * LotArea*Neighborhood NWAmes + 477E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle BrDale 2Sto =	NoRidge + 477E-17 * LotArea*Neighborhood NridgHt + 477E-17 * LotArea*Neighborhood OldTown + 477E-17 * LotArea*Neighborhood SWISU + 477E-17 * LotArea*Neighborhood Sawyer + 478E-17 * LotArea*Neighborhood SawyerW + 476E-17 * LotArea*Neighborhood Somerst + 477E-17 * LotArea*Neighborhood StoneBr + 477E-17 * LotArea*Neighborhood Timber - 533E-13 * OverallCo*Neighborhood BrDale - 529E-13 * OverallCo*Neighborhood BrkSide - 529E-13 * OverallCo*Neighborhood ClearCr - 529E-13 * OverallCo*Neighborhood CollgCr - 529E-13 * OverallCo*Neighborhood Crawfor - 529E-13 * OverallCo*Neighborhood Edwards - 529E-13 * OverallCo*Neighborhood Gilbert - 529E-13 * OverallCo*Neighborhood IDOTRR - 529E-13 * OverallCo*Neighborhood MeadowV - 529E-13 * OverallCo*Neighborhood Mitchel - 529E-13 * OverallCo*Neighborhood NAmes - 53E-12 * OverallCo*Neighborhood NPkVill - 529E-13 * OverallCo*Neighborhood NWAmes - 529E-13 * OverallCo*Neighborhood NoRidge - 529E-13 * OverallCo*Neighborhood OldTown - 529E-13 * OverallCo*Neighborhood SWISU - 529E-13 * OverallCo*Neighborhood Sawyer - 529E-13 * OverallCo*Neighborhood SawyerW - 529E-13 * OverallCo*Neighborhood Somerst - 529E-13 * OverallCo*Neighborhood StoneBr - 528E-13 * OverallCo*Neighborhood Timber - 188E-13 * YearBuilt*Neighborhood Blmgtn - 196E-13 * YearBuilt*Neighborhood BrDale - 188E-13 * YearBuilt*Neighborhood BrkSide - 188E-13 * YearBuilt*Neighborhood ClearCr - 188E-13 * YearBuilt*Neighborhood CollgCr - 188E-13 * YearBuilt*Neighborhood Crawfor - 188E-13 * YearBuilt*Neighborhood Edwards - 188E-13 * YearBuilt*Neighborhood Gilbert - 188E-13 * YearBuilt*Neighborhood IDOTRR - 188E-13 * YearBuilt*Neighborhood MeadowV - 188E-13 * YearBuilt*Neighborhood Mitchel - 188E-13 * YearBuilt*Neighborhood NAmes - 188E-13 * YearBuilt*Neighborhood NPkVill - 188E-13 * YearBuilt*Neighborhood NWAmes - 188E-13 * YearBuilt*Neighborhood NoRidge - 188E-13 * YearBuilt*Neighborhood NridgHt - 188E-13 * YearBuilt*Neighborhood OldTown - 188E-13 * YearBuilt*Neighborhood SWISU - 188E-13 * YearBuilt*Neighborhood Sawyer - 188E-13 * YearBuilt*Neighborhood SawyerW - 188E-13 * YearBuilt*Neighborhood Somerst - 188E-13 * YearBuilt*Neighborhood StoneBr - 188E-13 * YearBuilt*Neighborhood Timber + 252E-15 * MasVnrAre*Neighborhood Blmgtn + 257E-15 * MasVnrAre*Neighborhood BrDale + 252E-15 * MasVnrAre*Neighborhood BrkSide + 252E-15 * MasVnrAre*Neighborhood ClearCr + 252E-15 * MasVnrAre*Neighborhood CollgCr + 252E-15 * MasVnrAre*Neighborhood Crawfor + 252E-15 * MasVnrAre*Neighborhood Edwards + 251E-15 * MasVnrAre*Neighborhood Gilbert + 252E-15 * MasVnrAre*Neighborhood IDOTRR + 252E-15 * MasVnrAre*Neighborhood Mitchel + 252E-15 * MasVnrAre*Neighborhood NAmes + 252E-15 * MasVnrAre*Neighborhood NWAmes + 252E-15 * MasVnrAre*Neighborhood NoRidge + 252E-15 * MasVnrAre*Neighborhood NridgHt + 252E-15 * MasVnrAre*Neighborhood OldTown + 252E-15 * MasVnrAre*Neighborhood SWISU + 252E-15 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle BrDale 2Sto =	Sawyer + 252E-15 * MasVnrAre*Neighborhood SawyerW + 252E-15 * MasVnrAre*Neighborhood Somerst + 251E-15 * MasVnrAre*Neighborhood StoneBr + 252E-15 * MasVnrAre*Neighborhood Timber + 142E-15 * TotalBsmt*Neighborhood Blmgtn + 18E-14 * TotalBsmt*Neighborhood BrDale + 142E-15 * TotalBsmt*Neighborhood BrkSide + 142E-15 * TotalBsmt*Neighborhood ClearCr + 142E-15 * TotalBsmt*Neighborhood CollgCr + 142E-15 * TotalBsmt*Neighborhood Crawfor + 142E-15 * TotalBsmt*Neighborhood Edwards + 142E-15 * TotalBsmt*Neighborhood Gilbert + 142E-15 * TotalBsmt*Neighborhood IDOTRR + 142E-15 * TotalBsmt*Neighborhood MeadowV + 142E-15 * TotalBsmt*Neighborhood Mitchel + 142E-15 * TotalBsmt*Neighborhood NAmes + 142E-15 * TotalBsmt*Neighborhood NPKVill + 142E-15 * TotalBsmt*Neighborhood NWAmes + 142E-15 * TotalBsmt*Neighborhood NoRidge + 142E-15 * TotalBsmt*Neighborhood NridgHt + 142E-15 * TotalBsmt*Neighborhood OldTown + 142E-15 * TotalBsmt*Neighborhood SWISU + 142E-15 * TotalBsmt*Neighborhood Sawyer + 142E-15 * TotalBsmt*Neighborhood SawyerW + 142E-15 * TotalBsmt*Neighborhood Somerst + 142E-15 * TotalBsmt*Neighborhood StoneBr + 142E-15 * TotalBsmt*Neighborhood Timber + 11E-11 * FullBath*Neighborhood Blmgtn + 113E-12 * FullBath*Neighborhood BrDale + 11E-11 * FullBath*Neighborhood BrkSide + 11E-11 * FullBath*Neighborhood ClearCr + 11E-11 * FullBath*Neighborhood CollgCr + 11E-11 * FullBath*Neighborhood Crawfor + 11E-11 * FullBath*Neighborhood Edwards + 11E-11 * FullBath*Neighborhood Gilbert + 11E-11 * FullBath*Neighborhood IDOTRR + 11E-11 * FullBath*Neighborhood MeadowV + 11E-11 * FullBath*Neighborhood Mitchel + 11E-11 * FullBath*Neighborhood NAmes + 11E-11 * FullBath*Neighborhood NWAmes + 11E-11 * FullBath*Neighborhood NoRidge + 11E-11 * FullBath*Neighborhood NridgHt + 11E-11 * FullBath*Neighborhood OldTown + 11E-11 * FullBath*Neighborhood SWISU + 11E-11 * FullBath*Neighborhood Sawyer + 11E-11 * FullBath*Neighborhood SawyerW + 11E-11 * FullBath*Neighborhood Somerst + 11E-11 * FullBath*Neighborhood StoneBr + 11E-11 * FullBath*Neighborhood Timber - 265E-13 * Fireplace*Neighborhood Blmgtn - 264E-13 * Fireplace*Neighborhood BrkSide - 265E-13 * Fireplace*Neighborhood ClearCr - 265E-13 * Fireplace*Neighborhood CollgCr - 265E-13 * Fireplace*Neighborhood Crawfor - 265E-13 * Fireplace*Neighborhood Edwards - 265E-13 * Fireplace*Neighborhood Gilbert - 265E-13 * Fireplace*Neighborhood IDOTRR - 265E-13 * Fireplace*Neighborhood MeadowV - 265E-13 * Fireplace*Neighborhood Mitchel - 265E-13 * Fireplace*Neighborhood NAmes - 265E-13 * Fireplace*Neighborhood NPKVill - 265E-13 * Fireplace*Neighborhood NWAmes - 265E-13 * Fireplace*Neighborhood NoRidge - 265E-13 * Fireplace*Neighborhood NridgHt - 265E-13 * Fireplace*Neighborhood OldTown - 265E-13 * Fireplace*Neighborhood SWISU - 265E-13 * Fireplace*Neighborhood Sawyer - 265E-13 * Fireplace*Neighborhood SawyerW - 265E-13 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle BrDale 2Sto =	Somerst - 265E-13 * Fireplace*Neighborho StoneBr - 265E-13 * Fireplace*Neighborho Timber - 326E-12 * Neighborhoo*BldgType Blmngtn 1Fa - 326E-12 * Neighborhoo*BldgType CollgCr 1Fa - 326E-12 * Neighborhoo*BldgType Crawfor 1Fa - 326E-12 * Neighborhoo*BldgType Crawfor 2fm - 326E-12 * Neighborhoo*BldgType Edwards 1Fa - 326E-12 * Neighborhoo*BldgType Edwards 2fm - 326E-12 * Neighborhoo*BldgType IDOTRR 1Fam - 326E-12 * Neighborhoo*BldgType IDOTRR 2fmc - 326E-12 * Neighborhoo*BldgType Mitchel 1Fa - 326E-12 * Neighborhoo*BldgType Mitchel 2fm - 326E-12 * Neighborhoo*BldgType NAmes 1Fam - 326E-12 * Neighborhoo*BldgType NWAmes 1Fam - 326E-12 * Neighborhoo*BldgType NridgHt 1Fa - 326E-12 * Neighborhoo*BldgType OldTown 1Fa - 326E-12 * Neighborhoo*BldgType OldTown 2fm - 326E-12 * Neighborhoo*BldgType Sawyer 1Fam - 326E-12 * Neighborhoo*BldgType Sawyer 2fmC - 326E-12 * Neighborhoo*BldgType SawyerW 1Fa - 326E-12 * Neighborhoo*BldgType Somerst 1Fa - 326E-12 * Neighborhoo*BldgType StoneBr 1Fa + 849E-13 * Neighborh*HouseStyle BrkSide 1St + 85E-12 * Neighborh*HouseStyle ClearCr 1St + 85E-12 * Neighborh*HouseStyle CollgCr 1St + 848E-13 * Neighborh*HouseStyle Crawfor 1St + 85E-12 * Neighborh*HouseStyle Edwards 1St + 85E-12 * Neighborh*HouseStyle Gilbert 1St + 848E-13 * Neighborh*HouseStyle IDOTRR 1Sto + 85E-12 * Neighborh*HouseStyle MeadowV 1St + 85E-12 * Neighborh*HouseStyle Mitchel 1St + 85E-12 * Neighborh*HouseStyle NAmes 1Stor + 849E-13 * Neighborh*HouseStyle NPkVill 1St + 85E-12 * Neighborh*HouseStyle NWAmes 1Sto + 848E-13 * Neighborh*HouseStyle NoRidge 1St + 848E-13 * Neighborh*HouseStyle NridgHt 1St + 85E-12 * Neighborh*HouseStyle OldTown 1St + 848E-13 * Neighborh*HouseStyle SWISU 1Stor + 85E-12 * Neighborh*HouseStyle Sawyer 1Sto + 85E-12 * Neighborh*HouseStyle SawyerW 1St + 849E-13 * Neighborh*HouseStyle Somerst 1St + 848E-13 * Neighborh*HouseStyle StoneBr 1St + 85E-12 * Neighborh*HouseStyle Timber 1Sto
Neighborh*HouseStyle BrDale SFoy =	0
Neighborh*HouseStyle BrkSide 2.5 =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle BrkSide 2St =	<pre> -8.55E-7 * Intercept + 7.25E-9 * GrLlvArea_I - 101E-15 * Lot Area + 1.13E-9 * OverallCond + 402E-12 * YearBuilt - 545E-21 * LotArea*YearBuilt - 537E-14 * MasVnrArea - 303E-14 * Total BsmtSF - 887E-18 * OverallCo*TotalBsmtS - 2.33E-9 * FullBath - 216E-14 * GrLlvArea_I*FullBath + 558E-12 * Fireplaces + 128E-14 * GrLlvArea*Fireplaces + 72E-13 * LotConfig Corner - 616E-13 * LotConfig CulDSac + 914E-13 * LotConfig FR2 - 286E-13 * LotConfig FR3 - 397E-17 * YearBuilt*LotConfig Corner + 316E-16 * YearBuilt*LotConfig CulDSac - 438E-16 * YearBuilt*LotConfig FR2 + 144E-16 * YearBuilt*LotConfig FR3 + 6.97E-9 * BldgType 1Fam - 765E-14 * BldgType Twnh + 6.96E-9 * HouseStyle 1.5Uhf + 1.82E-9 * HouseStyle 1Story + 6.99E-9 * HouseStyle 2.5Fin + 6.96E-9 * HouseStyle 2.5Uhf + 513E-14 * HouseStyle 2Story + 144E-18 * LotArea*HouseStyle 1.5Fin + 148E-18 * LotArea*HouseStyle 1Story - 144E-17 * LotArea*HouseStyle 2.5Fin + 168E-18 * LotArea*HouseStyle 2Story - 6.96E-9 * BldgType*HouseStyle 1Fam 1.5Uhf - 6.98E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 6.96E-9 * BldgType*HouseStyle 1Fam 2.5Uhf + 6.96E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 6.96E-9 * BldgType*HouseStyle 2fmCon 1Stor + 6.96E-9 * BldgType*HouseStyle 2fmCon 2Stor + 602E-14 * BldgType*HouseStyle Twnh 2Story + 8.47E-7 * Neighborhood Blmgtn - 3.08E-8 * Neighborhood Blueste + 8.54E-7 * Neighborhood BrDale + 1 * Neighborhood BrkSide + 8.48E-7 * Neighborhood ClearCr + 8.55E-7 * Neighborhood CollgCr + 8.55E-7 * Neighborhood Crawfor + 8.55E-7 * Neighborhood Edwards + 8.48E-7 * Neighborhood Gilbert + 8.55E-7 * Neighborhood IDOTRR + 8.55E-7 * Neighborhood MeadowV + 8.55E-7 * Neighborhood Mitchel + 8.55E-7 * Neighborhood NAmes + 8.54E-7 * Neighborhood NPKVill + 8.55E-7 * Neighborhood NWAmes + 8.48E-7 * Neighborhood NoRidge + 8.49E-7 * Neighborhood NridgHt + 8.55E-7 * Neighborhood OldTown + 8.48E-7 * Neighborhood SWISU + 8.55E-7 * Neighborhood Sawyer + 8.55E-7 * Neighborhood SawyerW + 8.54E-7 * Neighborhood Somerst + 8.54E-7 * Neighborhood StoneBr + 8.48E-7 * Neighborhood Timber - 7.25E-9 * GrLlvArea*Neighborho Blmgtrn + 4.96E-9 * GrLlvArea*Neighborho Blueste - 7.23E-9 * GrLlvArea*Neighborho BrDale - 7.25E-9 * GrLlvArea*Neighborho BrkSide - 7.25E-9 * GrLlvArea*Neighborho ClearCr - 7.25E-9 * GrLlvArea*Neighborho CollgCr - 7.25E-9 * GrLlvArea*Neighborho Crawfor - 7.25E-9 * GrLlvArea*Neighborho Edwards - 7.25E-9 * GrLlvArea*Neighborho Gilbert - 7.25E-9 * GrLlvArea*Neighborho IDOTRR - 7.24E-9 * GrLlvArea*Neighborho MeadowV - 7.25E-9 * GrLlvArea*Neighborho Mitchel - 7.25E-9 * GrLlvArea*Neighborho NAmes - 7.27E-9 * GrLlvArea*Neighborho NPKVill - 7.24E-9 * GrLlvArea*Neighborho NWAmes - 7.25E-9 * GrLlvArea*Neighborho NoRidge - 7.25E-9 * GrLlvArea*Neighborho NridgHt - 7.25E-9 * GrLlvArea*Neighborho OldTown - 7.25E-9 * GrLlvArea*Neighborho SWISU - 7.25E-9 * GrLlvArea*Neighborho Sawyer - 7.25E-9 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*HouseStyle BrkSide 2St =	SawyerW - 7.25E-9 * GrLvlArea*Neighborhood Somerst - 7.25E-9 * GrLvlArea*Neighborhood StoneBr - 7.25E-9 * GrLvlArea*Neighborhood Timber + 102E-15 * LotArea*Neighborhood Blmngtn + 102E-15 * LotArea*Neighborhood BrDale + 102E-15 * LotArea*Neighborhood BrkSide + 102E-15 * LotArea*Neighborhood ClearCr + 102E-15 * LotArea*Neighborhood CollgCr + 102E-15 * LotArea*Neighborhood Crawfor + 102E-15 * LotArea*Neighborhood Edwards + 102E-15 * LotArea*Neighborhood Gilbert + 102E-15 * LotArea*Neighborhood IDOTRR + 102E-15 * LotArea*Neighborhood MeadowV + 102E-15 * LotArea*Neighborhood Mitchel + 102E-15 * LotArea*Neighborhood NAmes + 102E-15 * LotArea*Neighborhood NPkVill + 102E-15 * LotArea*Neighborhood NWAmes + 102E-15 * LotArea*Neighborhood NoRidge + 102E-15 * LotArea*Neighborhood NridgHt + 102E-15 * LotArea*Neighborhood OldTown + 102E-15 * LotArea*Neighborhood SWISU + 102E-15 * LotArea*Neighborhood Sawyer + 102E-15 * LotArea*Neighborhood SawyerW + 102E-15 * LotArea*Neighborhood Somerst + 102E-15 * LotArea*Neighborhood StoneBr + 102E-15 * LotArea*Neighborhood Timber - 1.13E-9 * OverallCo*Neighborhood BrDale - 1.13E-9 * OverallCo*Neighborhood BrkSide - 1.13E-9 * OverallCo*Neighborhood ClearCr - 1.13E-9 * OverallCo*Neighborhood CollgCr - 1.13E-9 * OverallCo*Neighborhood Crawfor - 1.13E-9 * OverallCo*Neighborhood Edwards - 1.13E-9 * OverallCo*Neighborhood Gilbert - 1.13E-9 * OverallCo*Neighborhood IDOTRR - 1.13E-9 * OverallCo*Neighborhood MeadowV - 1.13E-9 * OverallCo*Neighborhood Mitchel - 1.13E-9 * OverallCo*Neighborhood NAmes - 1.13E-9 * OverallCo*Neighborhood NPkVill - 1.13E-9 * OverallCo*Neighborhood NWAmes - 1.13E-9 * OverallCo*Neighborhood NoRidge - 1.13E-9 * OverallCo*Neighborhood OldTown - 1.13E-9 * OverallCo*Neighborhood SWISU - 1.13E-9 * OverallCo*Neighborhood Sawyer - 1.13E-9 * OverallCo*Neighborhood SawyerW - 1.13E-9 * OverallCo*Neighborhood Somerst - 1.13E-9 * OverallCo*Neighborhood StoneBr - 1.13E-9 * OverallCo*Neighborhood Timber - 402E-12 * YearBuilt*Neighborhood Blmngtn - 401E-12 * YearBuilt*Neighborhood BrDale - 402E-12 * YearBuilt*Neighborhood BrkSide - 402E-12 * YearBuilt*Neighborhood ClearCr - 402E-12 * YearBuilt*Neighborhood CollgCr - 402E-12 * YearBuilt*Neighborhood Crawfor - 402E-12 * YearBuilt*Neighborhood Edwards - 402E-12 * YearBuilt*Neighborhood Gilbert - 402E-12 * YearBuilt*Neighborhood IDOTRR - 402E-12 * YearBuilt*Neighborhood MeadowV - 402E-12 * YearBuilt*Neighborhood Mitchel - 402E-12 * YearBuilt*Neighborhood NAmes - 399E-12 * YearBuilt*Neighborhood NPkVill - 402E-12 * YearBuilt*Neighborhood NWAmes - 402E-12 * YearBuilt*Neighborhood NoRidge - 402E-12 * YearBuilt*Neighborhood NridgHt - 402E-12 * YearBuilt*Neighborhood OldTown - 402E-12 * YearBuilt*Neighborhood SWISU - 402E-12 * YearBuilt*Neighborhood Sawyer - 402E-12 * YearBuilt*Neighborhood SawyerW - 402E-12 * YearBuilt*Neighborhood Somerst - 402E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle BrkSide 2St =	Blmngtn - 566E-12 * Fireplace*Neighbhorho BrDale - 566E-12 * Fireplace*Neighbhorho BrkSide - 567E-12 * Fireplace*Neighbhorho ClearCr - 567E-12 * Fireplace*Neighbhorho CollgCr - 567E-12 * Fireplace*Neighbhorho Crawfor - 567E-12 * Fireplace*Neighbhorho Edwards - 568E-12 * Fireplace*Neighbhorho Gilbert - 567E-12 * Fireplace*Neighbhorho IDOTRR - 571E-12 * Fireplace*Neighbhorho MeadowV - 567E-12 * Fireplace*Neighbhorho Mitchel - 567E-12 * Fireplace*Neighbhorho NAmes - 567E-12 * Fireplace*Neighbhorho NPkVill - 567E-12 * Fireplace*Neighbhorho NWAmes - 567E-12 * Fireplace*Neighbhorho NoRidge - 568E-12 * Fireplace*Neighbhorho NridgHt - 567E-12 * Fireplace*Neighbhorho OldTown - 567E-12 * Fireplace*Neighbhorho SWISU - 567E-12 * Fireplace*Neighbhorho Sawyer - 567E-12 * Fireplace*Neighbhorho SawyerW - 567E-12 * Fireplace*Neighbhorho Somerst - 568E-12 * Fireplace*Neighbhorho StoneBr - 568E-12 * Fireplace*Neighbhorho Timber - 6.97E-9 * Neighbhorhoo*BldgType Blmngtn 1Fa - 6.97E-9 * Neighbhorhoo*BldgType CollgCr 1Fa - 6.97E-9 * Neighbhorhoo*BldgType Crawfor 1Fa - 6.96E-9 * Neighbhorhoo*BldgType Edwards 2fm - 6.97E-9 * Neighbhorhoo*BldgType Edwards 1Fa - 6.96E-9 * Neighbhorhoo*BldgType Edwards 2fm - 6.97E-9 * Neighbhorhoo*BldgType IDOTRR 1Fam - 6.97E-9 * Neighbhorhoo*BldgType IDOTRR 2fmC - 6.96E-9 * Neighbhorhoo*BldgType Mitchel 1Fa - 6.96E-9 * Neighbhorhoo*BldgType Mitchel 2fm - 6.97E-9 * Neighbhorhoo*BldgType NAmes 1Fam - 6.97E-9 * Neighbhorhoo*BldgType NWAmes 1Fam - 6.97E-9 * Neighbhorhoo*BldgType NridgHt 1Fa - 6.97E-9 * Neighbhorhoo*BldgType OldTown 1Fa - 6.97E-9 * Neighbhorhoo*BldgType OldTown 2fm - 6.97E-9 * Neighbhorhoo*BldgType Sawyer 1Fam - 6.96E-9 * Neighbhorhoo*BldgType Sawyer 2fmC - 6.97E-9 * Neighbhorhoo*BldgType SawyerW 1Fa - 6.97E-9 * Neighbhorhoo*BldgType Somerst 1Fa - 6.97E-9 * Neighbhorhoo*BldgType StoneBr 1Fa - Neighbhorh*HouseStyle BrkSide 1.5 - Neighbhorh*HouseStyle BrkSide 1.2 - 1 * Neighbhorh*HouseStyle BrkSide 1St - Neighbhorh*HouseStyle BrkSide 2.2 + 1.82E-9 * Neighbhorh*HouseStyle ClearCr 1St + 1.82E-9 * Neighbhorh*HouseStyle CollgCr 1St + 459E-14 * Neighbhorh*HouseStyle CollgCr 2St + 1.81E-9 * Neighbhorh*HouseStyle Crawfor 1St + 1.82E-9 * Neighbhorh*HouseStyle Edwards 1St + 1.81E-9 * Neighbhorh*HouseStyle Gilbert 1St + 396E-14 * Neighbhorh*HouseStyle Gilbert 2St + 1.81E-9 * Neighbhorh*HouseStyle IDOTRR 1Sto + 1.81E-9 * Neighbhorh*HouseStyle MeadowV 1St + 1.81E-9 * Neighbhorh*HouseStyle Mitchel 1St + 1.82E-9 * Neighbhorh*HouseStyle NAmes 1Stor + 1.82E-9 * Neighbhorh*HouseStyle NPkVill 1St + 1.81E-9 * Neighbhorh*HouseStyle NWAmes 1Sto + 1.81E-9 * Neighbhorh*HouseStyle NoRidge 1St + 1.81E-9 * Neighbhorh*HouseStyle NridgHt 1St + 1.81E-9 * Neighbhorh*HouseStyle OldTown 1St + 1.81E-9 * Neighbhorh*HouseStyle SWISU 1Stor + 1.82E-9 * Neighbhorh*HouseStyle Sawyer 1Sto + 1.81E-9 * Neighbhorh*HouseStyle SawyerW 1St + 1.81E-9 * Neighbhorh*HouseStyle Somerst 1St + 1.81E-9 * Neighbhorh*HouseStyle StoneBr 1St + 1.81E-9 * Neighbhorh*HouseStyle Timber 1Sto - 118E-13 * GarageCars + 364E-17 * YearBuilt*Garage Cars + 759E-15 * GarageCar*HouseStyle
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*HouseStyle BrkSide 2St =	1Story - 609E-14 * GarageCar*HouseStyle 2.5Fin + 376E-14 * GarageCar*Neighborhood Blmgtn + 468E-14 * GarageCar*Neighborhood BrkSide + 446E-14 * GarageCar*Neighborhood ClearCr + 323E-14 * GarageCar*Neighborhood CollgCr + 361E-14 * GarageCar*Neighborhood Crawfor + 358E-14 * GarageCar*Neighborhood Edwards + 435E-14 * GarageCar*Neighborhood Gilbert + 408E-14 * GarageCar*Neighborhood IDOTRR + 401E-14 * GarageCar*Neighborhood Mitchel + 376E-14 * GarageCar*Neighborhood NAmes + 363E-14 * GarageCar*Neighborhood NoRidge + 38E-13 * GarageCar*Neighborhood NridgHt + 425E-14 * GarageCar*Neighborhood OldTown + 399E-14 * GarageCar*Neighborhood Sawyer + 389E-14 * GarageCar*Neighborhood SawyerW + 364E-14 * GarageCar*Neighborhood Somerset + 235E-14 * GarageCar*Neighborhood StoneBr
Neighborhood*HouseStyle BrkSide SFo =	0
Neighborhood*HouseStyle ClearCr 1.2 =	0
Neighborhood*HouseStyle ClearCr 2.5 =	0
Neighborhood*HouseStyle ClearCr 2.2 =	0
Neighborhood*HouseStyle ClearCr SFo =	0
Neighborhood*HouseStyle CollgCr 1.5 =	0
Neighborhood*HouseStyle CollgCr 1.2 =	0
Neighborhood*HouseStyle CollgCr 2.5 =	0
Neighborhood*HouseStyle CollgCr 2.2 =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle Crawfor 2St =	<pre> -2.98E-7 * Intercept + 2.54E-9 * GrLlvArea_I - 356E-16 * Lot Area + 395E-12 * OverallCond + 14E-11 * YearBuilt - 189E-14 * MasVnrArea - 107E-14 * TotalBsmtSF - 814E-12 * FullBath - 782E-15 * GrLlvArea_*FullBath + 193E-12 * Fireplaces + 458E-15 * GrLlvArea*Fireplaces - 206E-13 * LotConfig CulDSac + 327E-13 * LotConfig FR2 + 106E-16 * YearBuilt*LotConfig CulDSac - 157E-16 * YearBuilt*LotConfig FR2 + 2.43E-9 * BldgType 1Fam + 2.43E-9 * HouseStyle 1.5Unf + 636E-12 * HouseStyle 1Story + 2.44E-9 * HouseStyle 2.5Fin + 2.43E-9 * HouseStyle 2.5Unf - 2.43E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 2.43E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 2.43E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 2.43E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 2.43E-9 * BldgType*HouseStyle 2fmCon 1Stor + 2.43E-9 * BldgType*HouseStyle 2fmCon 2Stor + 2.95E-7 * Neighborhood Blmgtn - 1.08E-8 * Neighborhood Blueste + 2.98E-7 * Neighborhood BrDale + 2.96E-7 * Neighborhood BrkSide + 2.96E-7 * Neighborhood ClearCr + 2.98E-7 * Neighborhood CollgCr + 1 * Neighborhood Crawfor + 2.98E-7 * Neighborhood Edwards + 2.96E-7 * Neighborhood Gilbert + 2.98E-7 * Neighborhood IDOTRR + 2.98E-7 * Neighborhood MeadowV + 2.98E-7 * Neighborhood Mitchel + 2.98E-7 * Neighborhood NAmes + 2.97E-7 * Neighborhood NPKVill + 2.98E-7 * Neighborhood NWAmes + 2.96E-7 * Neighborhood NoRidge + 2.96E-7 * Neighborhood NridgHt + 2.98E-7 * Neighborhood OldTown + 2.96E-7 * Neighborhood SWISU + 2.98E-7 * Neighborhood Sawyer + 2.98E-7 * Neighborhood SawyerW + 2.98E-7 * Neighborhood Somerset + 2.98E-7 * Neighborhood StoneBr + 2.96E-7 * Neighborhood Timber - 2.54E-9 * GrLlvArea*Neighborhood Blmgtn + 1.73E-9 * GrLlvArea*Neighborhood Blueste - 2.54E-9 * GrLlvArea*Neighborhood BrDale - 2.54E-9 * GrLlvArea*Neighborhood BrkSide - 2.54E-9 * GrLlvArea*Neighborhood ClearCr - 2.54E-9 * GrLlvArea*Neighborhood CollgCr - 2.54E-9 * GrLlvArea*Neighborhood Crawfor - 2.54E-9 * GrLlvArea*Neighborhood Edwards - 2.54E-9 * GrLlvArea*Neighborhood Gilbert - 2.54E-9 * GrLlvArea*Neighborhood IDOTRR - 2.54E-9 * GrLlvArea*Neighborhood MeadowV - 2.54E-9 * GrLlvArea*Neighborhood Mitchel - 2.54E-9 * GrLlvArea*Neighborhood NAmes - 2.56E-9 * GrLlvArea*Neighborhood NPKVill - 2.54E-9 * GrLlvArea*Neighborhood NWAmes - 2.54E-9 * GrLlvArea*Neighborhood NoRidge - 2.54E-9 * GrLlvArea*Neighborhood NridgHt - 2.54E-9 * GrLlvArea*Neighborhood OldTown - 2.54E-9 * GrLlvArea*Neighborhood SWISU - 2.54E-9 * GrLlvArea*Neighborhood Sawyer - 2.54E-9 * GrLlvArea*Neighborhood SawyerW - 2.54E-9 * GrLlvArea*Neighborhood Somerset - 2.54E-9 * GrLlvArea*Neighborhood StoneBr - 2.54E-9 * GrLlvArea*Neighborhood Timber + 359E-16 * LotArea*Neighborhood Blmgtn + 357E-16 * LotArea*Neighborhood BrDale + 356E-16 * LotArea*Neighborhood BrkSide + 356E-16 * LotArea*Neighborhood ClearCr + 356E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*HouseStyle Crawfor 2St =	CollgCr + 356E-16 * LotArea*Neighborhood Crawfor + 356E-16 * LotArea*Neighborhood Edwards + 356E-16 * LotArea*Neighborhood Gilbert + 356E-16 * LotArea*Neighborhood IDOTRR + 353E-16 * LotArea*Neighborhood MeadowV + 356E-16 * LotArea*Neighborhood Mitchel + 356E-16 * LotArea*Neighborhood NAmes + 351E-16 * LotArea*Neighborhood NPKVill + 356E-16 * LotArea*Neighborhood NWAmes + 356E-16 * LotArea*Neighborhood NoRidge + 356E-16 * LotArea*Neighborhood NridgHt + 356E-16 * LotArea*Neighborhood OldTown + 356E-16 * LotArea*Neighborhood SWISU + 356E-16 * LotArea*Neighborhood Sawyer + 357E-16 * LotArea*Neighborhood SawyerW + 356E-16 * LotArea*Neighborhood Somerst + 356E-16 * LotArea*Neighborhood StoneBr + 356E-16 * LotArea*Neighborhood Timber - 395E-12 * OverallCo*Neighborhood BrDale - 395E-12 * OverallCo*Neighborhood BrkSide - 395E-12 * OverallCo*Neighborhood ClearCr - 395E-12 * OverallCo*Neighborhood CollgCr - 395E-12 * OverallCo*Neighborhood Crawfor - 395E-12 * OverallCo*Neighborhood Edwards - 395E-12 * OverallCo*Neighborhood Gilbert - 395E-12 * OverallCo*Neighborhood IDOTRR - 395E-12 * OverallCo*Neighborhood MeadowV - 395E-12 * OverallCo*Neighborhood Mitchel - 395E-12 * OverallCo*Neighborhood NAmes - 395E-12 * OverallCo*Neighborhood NPKVill - 395E-12 * OverallCo*Neighborhood NWAmes - 395E-12 * OverallCo*Neighborhood NoRidge - 395E-12 * OverallCo*Neighborhood OldTown - 395E-12 * OverallCo*Neighborhood SWISU - 395E-12 * OverallCo*Neighborhood Sawyer - 395E-12 * OverallCo*Neighborhood SawyerW - 395E-12 * OverallCo*Neighborhood Somerst - 395E-12 * OverallCo*Neighborhood StoneBr - 394E-12 * OverallCo*Neighborhood Timber - 14E-11 * YearBuilt*Neighborhood Blmgtn - 14E-11 * YearBuilt*Neighborhood BrDale - 14E-11 * YearBuilt*Neighborhood BrkSide - 14E-11 * YearBuilt*Neighborhood ClearCr - 14E-11 * YearBuilt*Neighborhood CollgCr - 14E-11 * YearBuilt*Neighborhood Crawfor - 14E-11 * YearBuilt*Neighborhood Edwards - 14E-11 * YearBuilt*Neighborhood Gilbert - 14E-11 * YearBuilt*Neighborhood IDOTRR - 14E-11 * YearBuilt*Neighborhood MeadowV - 14E-11 * YearBuilt*Neighborhood Mitchel - 14E-11 * YearBuilt*Neighborhood NAmes - 139E-12 * YearBuilt*Neighborhood NPKVill - 14E-11 * YearBuilt*Neighborhood NWAmes - 14E-11 * YearBuilt*Neighborhood NoRidge - 14E-11 * YearBuilt*Neighborhood NridgHt - 14E-11 * YearBuilt*Neighborhood OldTown - 14E-11 * YearBuilt*Neighborhood SWISU - 14E-11 * YearBuilt*Neighborhood Sawyer - 14E-11 * YearBuilt*Neighborhood SawyerW - 14E-11 * YearBuilt*Neighborhood Somerst - 14E-11 * YearBuilt*Neighborhood StoneBr - 14E-11 * YearBuilt*Neighborhood Timber + 189E-14 * MasVnrAre*Neighborhood Blmgtn + 189E-14 * MasVnrAre*Neighborhood BrDale + 189E-14 * MasVnrAre*Neighborhood BrkSide + 189E-14 * MasVnrAre*Neighborhood ClearCr + 189E-14 * MasVnrAre*Neighborhood CollgCr + 189E-14 * MasVnrAre*Neighborhood Crawfor + 189E-14 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood	House Style	Condition
Crawford	2 Story	=
Edwards	189E-14	* MasVnrAre*Neighborhood
Gilbert	189E-14	* MasVnrAre*Neighborhood
IDOTRR	187E-14	* MasVnrAre*Neighborhood
MeadowView	189E-14	* MasVnrAre*Neighborhood
Mitchell	189E-14	* MasVnrAre*Neighborhood
NAmes	189E-14	* MasVnrAre*Neighborhood
NWAmes	189E-14	* MasVnrAre*Neighborhood
NoRidge	189E-14	* MasVnrAre*Neighborhood
NridgHt	189E-14	* MasVnrAre*Neighborhood
OldTown	189E-14	* MasVnrAre*Neighborhood
SWISU	189E-14	* MasVnrAre*Neighborhood
Sawyer	189E-14	* MasVnrAre*Neighborhood
SawyerW	189E-14	* MasVnrAre*Neighborhood
Somerst	189E-14	* MasVnrAre*Neighborhood
StoneBr	189E-14	* MasVnrAre*Neighborhood
Timber	107E-14	* TotalBsmt*Neighborhood
Blmngtn	107E-14	* TotalBsmt*Neighborhood
BrDale	107E-14	* TotalBsmt*Neighborhood
BrkSide	107E-14	* TotalBsmt*Neighborhood
ClearCr	107E-14	* TotalBsmt*Neighborhood
CollgCr	107E-14	* TotalBsmt*Neighborhood
Crawfor	107E-14	* TotalBsmt*Neighborhood
Edwards	107E-14	* TotalBsmt*Neighborhood
Gilbert	107E-14	* TotalBsmt*Neighborhood
IDOTRR	106E-14	* TotalBsmt*Neighborhood
MeadowView	107E-14	* TotalBsmt*Neighborhood
Mitchel	107E-14	* TotalBsmt*Neighborhood
NAmes	107E-14	* TotalBsmt*Neighborhood
NPkVll	107E-14	* TotalBsmt*Neighborhood
NWAmes	107E-14	* TotalBsmt*Neighborhood
NoRidge	107E-14	* TotalBsmt*Neighborhood
NridgHt	107E-14	* TotalBsmt*Neighborhood
OldTown	107E-14	* TotalBsmt*Neighborhood
SWISU	107E-14	* TotalBsmt*Neighborhood
Sawyer	107E-14	* TotalBsmt*Neighborhood
SawyerW	107E-14	* TotalBsmt*Neighborhood
Somerst	107E-14	* TotalBsmt*Neighborhood
StoneBr	107E-14	* TotalBsmt*Neighborhood
Timber	82E-11	* FullBath*Neighborhood
Blmngtn	82E-11	* FullBath*Neighborhood
BrDale	82E-11	* FullBath*Neighborhood
BrkSide	82E-11	* FullBath*Neighborhood
ClearCr	82E-11	* FullBath*Neighborhood
CollgCr	82E-11	* FullBath*Neighborhood
Crawfor	82E-11	* FullBath*Neighborhood
Edwards	819E-12	* FullBath*Neighborhood
Gilbert	82E-11	* FullBath*Neighborhood
IDOTRR	823E-12	* FullBath*Neighborhood
MeadowView	82E-11	* FullBath*Neighborhood
Mitchel	82E-11	* FullBath*Neighborhood
NAmes	82E-11	* FullBath*Neighborhood
NWAmes	82E-11	* FullBath*Neighborhood
NoRidge	82E-11	* FullBath*Neighborhood
NridgHt	82E-11	* FullBath*Neighborhood
OldTown	82E-11	* FullBath*Neighborhood
SWISU	82E-11	* FullBath*Neighborhood
Sawyer	82E-11	* FullBath*Neighborhood
SawyerW	82E-11	* FullBath*Neighborhood
Somerst	82E-11	* FullBath*Neighborhood
StoneBr	821E-12	* FullBath*Neighborhood
Timber	- 196E-12	* Fireplace*Neighborhood
Blmngtn	- 196E-12	* Fireplace*Neighborhood
BrDale	- 196E-12	* Fireplace*Neighborhood
BrkSide	- 196E-12	* Fireplace*Neighborhood
ClearCr	- 196E-12	* Fireplace*Neighborhood
CollgCr	- 196E-12	* Fireplace*Neighborhood
Crawfor	- 196E-12	* Fireplace*Neighborhood
Edwards	- 196E-12	* Fireplace*Neighborhood
Gilbert	- 196E-12	* Fireplace*Neighborhood

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle Crawfor 2St =	IDOTRR - 198E-12 * Fireplace*Neighborho MeadowV - 196E-12 * Fireplace*Neighborho Mitchel - 196E-12 * Fireplace*Neighborho NAmes - 196E-12 * Fireplace*Neighborho NPkVill - 196E-12 * Fireplace*Neighborho NWAmes - 196E-12 * Fireplace*Neighborho NoRidge - 196E-12 * Fireplace*Neighborho NridgHt - 196E-12 * Fireplace*Neighborho OldTown - 196E-12 * Fireplace*Neighborho SWISU - 196E-12 * Fireplace*Neighborho Sawyer - 196E-12 * Fireplace*Neighborho SawyerW - 196E-12 * Fireplace*Neighborho Somerst - 196E-12 * Fireplace*Neighborho StoneBr - 196E-12 * Fireplace*Neighborho Timber - 2.43E-9 * Neighborhoo*BldgType Blmgtn 1Fa - 2.43E-9 * Neighborhoo*BldgType CollCr 1Fa - 2.43E-9 * Neighborhoo*BldgType Crawfor 1Fa - 2.43E-9 * Neighborhoo*BldgType Crawfor 2fm - 2.43E-9 * Neighborhoo*BldgType Edwards 1Fa - 2.43E-9 * Neighborhoo*BldgType Edwards 2fm - 2.43E-9 * Neighborhoo*BldgType IDOTRR 1Fam - 2.43E-9 * Neighborhoo*BldgType IDOTRR 2fmc - 2.43E-9 * Neighborhoo*BldgType Mitchel 1Fa - 2.43E-9 * Neighborhoo*BldgType Mitchel 2fm - 2.43E-9 * Neighborhoo*BldgType NAmes 1Fam - 2.43E-9 * Neighborhoo*BldgType NWAmes 1Fam - 2.43E-9 * Neighborhoo*BldgType NridgHt 1Fa - 2.43E-9 * Neighborhoo*BldgType OldTown 1Fa - 2.43E-9 * Neighborhoo*BldgType OldTown 2fm - 2.43E-9 * Neighborhoo*BldgType Sawyer 1Fam - 2.43E-9 * Neighborhoo*BldgType Sawyer 2fmc - 2.43E-9 * Neighborhoo*BldgType SawyerW 1Fa - 2.43E-9 * Neighborhoo*BldgType Somerst 1Fa - 2.43E-9 * Neighborhoo*BldgType StoneBr 1Fa - 635E-12 * Neighborh*HouseStyle BrkSide 1St - 636E-12 * Neighborh*HouseStyle ClearCr 1St - 636E-12 * Neighborh*HouseStyle CollCr 1St - Neighborh*HouseStyle Crawfor 1.5 - Neighborh*HouseStyle Crawfor 1.2 - 1 * Neighborh*HouseStyle Crawfor 1St - Neighborh*HouseStyle Crawfor 2.5 - Neighborh*HouseStyle Crawfor 2.2 + 636E-12 * Neighborh*HouseStyle Edwards 1St + 636E-12 * Neighborh*HouseStyle Gilbert 1St + 635E-12 * Neighborh*HouseStyle IDOTRR 1Sto + 631E-12 * Neighborh*HouseStyle MeadowV 1St + 636E-12 * Neighborh*HouseStyle Mitchel 1St + 636E-12 * Neighborh*HouseStyle NAmes 1Stor + 642E-12 * Neighborh*HouseStyle NPkVill 1St + 635E-12 * Neighborh*HouseStyle NWAmes 1Sto + 635E-12 * Neighborh*HouseStyle NoRidge 1St + 635E-12 * Neighborh*HouseStyle NridgHt 1St + 636E-12 * Neighborh*HouseStyle OldTown 1St + 635E-12 * Neighborh*HouseStyle SWISU 1Stor + 636E-12 * Neighborh*HouseStyle Sawyer 1Sto + 636E-12 * Neighborh*HouseStyle SawyerW 1St + 635E-12 * Neighborh*HouseStyle Somerst 1St + 635E-12 * Neighborh*HouseStyle StoneBr 1St + 636E-12 * Neighborh*HouseStyle Timber 1Sto - 301E-14 * GarageCars
Neighborh*HouseStyle Crawfor SFo =	0
Neighborh*HouseStyle Edwards 1.2 =	0
Neighborh*HouseStyle Edwards 2.5 =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborh*HouseStyle Edwards 2.2 =	0
Neighborh*HouseStyle Gilbert 1.2 =	0
Neighborh*HouseStyle Gilbert 2.5 =	0
Neighborh*HouseStyle Gilbert 2.2 =	0
Neighborh*HouseStyle Gilbert SFo =	0
Neighborh*HouseStyle IDOTRR 2.5F =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle IDOTRR 2Sto =	<pre> - 4.4E-7 * Intercept + 3.73E-9 * GrLlvArea_I - 521E-16 * LotArea + 582E-12 * OverallCond + 207E-12 * YearBuilt - 258E-21 * Lot Area*YearBuilt - 276E-14 * MasVnrArea - 156E-14 * TotalBsmt SF - 454E-18 * OverallCo*TotalBsmtS - 1.2E-9 * FullBath - 108E-14 * GrLlvArea_I*FullBath + 287E-12 * Fireplaces + 657E-15 * GrLlvArea*Fireplaces + 385E-14 * LotConfig Corner - 316E-13 * LotConfig CulDSac + 469E-13 * LotConfig FR2 - 155E-13 * LotConfig FR3 - 212E-17 * YearBuilt*LotConfig Corner + 162E-16 * YearBuilt*LotConfig CulDSac - 225E-16 * YearBuilt*LotConfig FR2 + 782E-17 * YearBuilt*LotConfig FR3 + 3.59E-9 * BldgType 1Fam + 3.58E-9 * HouseStyle 1.5Unf + 935E-12 * HouseStyle 1Story + 3.6E-9 * HouseStyle 2.5Fin + 3.58E-9 * HouseStyle 2.5Unf + 262E-14 * HouseStyle 2Story + 756E-19 * LotArea*HouseStyle 1Story - 655E-18 * LotArea*HouseStyle 2.5Fin - 3.58E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 3.59E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 3.58E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 3.58E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 3.58E-9 * BldgType*HouseStyle 2fmCon 1Stor + 3.58E-9 * BldgType*HouseStyle 2fmCon 2Stor + 4.36E-7 * Neighborhood Blmngtn - 1.59E-8 * Neighborhood Blueste + 4.4E-7 * Neighborhood BrDale + 4.36E-7 * Neighborhood BrkSide + 4.36E-7 * Neighborhood ClearCr + 4.4E-7 * Neighborhood CollgCr + 4.4E-7 * Neighborhood Crawfor + 4.4E-7 * Neighborhood Edwards + 4.36E-7 * Neighborhood Gilbert + 1 * Neighborhood IDOTRR + 4.4E-7 * Neighborhood MeadowV + 4.4E-7 * Neighborhood Mitchel + 4.4E-7 * Neighborhood NAmes + 4.4E-7 * Neighborhood NPkVill + 4.4E-7 * Neighborhood NWAmes + 4.36E-7 * Neighborhood NoRidge + 4.37E-7 * Neighborhood NridgHt + 4.4E-7 * Neighborhood OldTown + 4.36E-7 * Neighborhood SWISU + 4.4E-7 * Neighborhood Sawyer + 4.4E-7 * Neighborhood SawyerW + 4.4E-7 * Neighborhood Somerst + 4.4E-7 * Neighborhood StoneBr + 4.36E-7 * Neighborhood Timber - 3.73E-9 * GrLlvArea*Neighborho Blmngtn + 2.55E-9 * GrLlvArea*Neighborho Blueste - 3.73E-9 * GrLlvArea*Neighborho BrDale - 3.73E-9 * GrLlvArea*Neighborho BrkSide - 3.73E-9 * GrLlvArea*Neighborho ClearCr - 3.73E-9 * GrLlvArea*Neighborho CollgCr - 3.73E-9 * GrLlvArea*Neighborho Crawfor - 3.73E-9 * GrLlvArea*Neighborho Edwards - 3.73E-9 * GrLlvArea*Neighborho Gilbert - 3.73E-9 * GrLlvArea*Neighborho IDOTRR - 3.73E-9 * GrLlvArea*Neighborho MeadowV - 3.73E-9 * GrLlvArea*Neighborho Mitchel - 3.73E-9 * GrLlvArea*Neighborho NAmes - 3.74E-9 * GrLlvArea*Neighborho NPkVill - 3.73E-9 * GrLlvArea*Neighborho NWAmes - 3.73E-9 * GrLlvArea*Neighborho NoRidge - 3.73E-9 * GrLlvArea*Neighborho NridgHt - 3.73E-9 * GrLlvArea*Neighborho OldTown - 3.73E-9 * GrLlvArea*Neighborho SWISU - 3.73E-9 * GrLlvArea*Neighborho Sawyer - 3.73E-9 * GrLlvArea*Neighborho SawyerW - 3.73E-9 * GrLlvArea*Neighborho Somerst - 3.73E-9 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle IDOTRR 2Sto =	StoneBr - 3.73E-9 * GrLlvArea*Neighbhorho Timber + 527E-16 * LotArea*Neighborhood Blmgtn + 526E-16 * LotArea*Neighborhood BrDale + 525E-16 * LotArea*Neighborhood BrkSide + 525E-16 * LotArea*Neighborhood ClearCr + 525E-16 * LotArea*Neighborhood CollgCr + 525E-16 * LotArea*Neighborhood Crawfor + 525E-16 * LotArea*Neighborhood Edwards + 525E-16 * LotArea*Neighborhood Gilbert + 525E-16 * LotArea*Neighborhood IDOTRR + 525E-16 * LotArea*Neighborhood MeadowV + 525E-16 * LotArea*Neighborhood Mitchel + 525E-16 * LotArea*Neighborhood NAmes + 526E-16 * LotArea*Neighborhood NPkVill + 524E-16 * LotArea*Neighborhood NWAmes + 524E-16 * LotArea*Neighborhood NoRidge + 525E-16 * LotArea*Neighborhood NridgHt + 525E-16 * LotArea*Neighborhood OldTown + 525E-16 * LotArea*Neighborhood SWISU + 524E-16 * LotArea*Neighborhood Sawyer + 525E-16 * LotArea*Neighborhood SawyerW + 524E-16 * LotArea*Neighborhood Somerst + 525E-16 * LotArea*Neighborhood StoneBr + 525E-16 * LotArea*Neighborhood Timber - 582E-12 * OverallCo*Neighbhorho BrDale - 582E-12 * OverallCo*Neighbhorho BrkSide - 581E-12 * OverallCo*Neighbhorho ClearCr - 582E-12 * OverallCo*Neighbhorho CollgCr - 581E-12 * OverallCo*Neighbhorho Crawfor - 582E-12 * OverallCo*Neighbhorho Edwards - 581E-12 * OverallCo*Neighbhorho Gilbert - 582E-12 * OverallCo*Neighbhorho IDOTRR - 582E-12 * OverallCo*Neighbhorho MeadowV - 582E-12 * OverallCo*Neighbhorho Mitchel - 581E-12 * OverallCo*Neighbhorho NAmes - 582E-12 * OverallCo*Neighbhorho NPkVill - 581E-12 * OverallCo*Neighbhorho NWAmes - 581E-12 * OverallCo*Neighbhorho NoRidge - 582E-12 * OverallCo*Neighbhorho OldTown - 582E-12 * OverallCo*Neighbhorho SWISU - 582E-12 * OverallCo*Neighbhorho Sawyer - 582E-12 * OverallCo*Neighbhorho SawyerW - 581E-12 * OverallCo*Neighbhorho Somerst - 581E-12 * OverallCo*Neighbhorho StoneBr - 58E-11 * OverallCo*Neighbhorho Timber - 207E-12 * YearBuilt*Neighbhorho Blmgtn - 207E-12 * YearBuilt*Neighbhorho BrDale - 207E-12 * YearBuilt*Neighbhorho BrkSide - 207E-12 * YearBuilt*Neighbhorho ClearCr - 207E-12 * YearBuilt*Neighbhorho CollgCr - 207E-12 * YearBuilt*Neighbhorho Crawfor - 207E-12 * YearBuilt*Neighbhorho Edwards - 207E-12 * YearBuilt*Neighbhorho Gilbert - 207E-12 * YearBuilt*Neighbhorho IDOTRR - 207E-12 * YearBuilt*Neighbhorho MeadowV - 207E-12 * YearBuilt*Neighbhorho Mitchel - 207E-12 * YearBuilt*Neighbhorho NAmes - 206E-12 * YearBuilt*Neighbhorho NPkVill - 207E-12 * YearBuilt*Neighbhorho NWAmes - 207E-12 * YearBuilt*Neighbhorho NoRidge - 207E-12 * YearBuilt*Neighbhorho NridgHt - 207E-12 * YearBuilt*Neighbhorho OldTown - 207E-12 * YearBuilt*Neighbhorho SWISU - 207E-12 * YearBuilt*Neighbhorho Sawyer - 207E-12 * YearBuilt*Neighbhorho SawyerW - 207E-12 * YearBuilt*Neighbhorho Somerst - 207E-12 * YearBuilt*Neighbhorho StoneBr - 207E-12 * YearBuilt*Neighbhorho Timber + 276E-14 * MasVnrAre*Neighbhorho
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighbhor*HouseStyle IDOTRR 2Sto =	Blmgtn + 276E-14 * MasVnrAre*Neighbhorho BrDale + 276E-14 * MasVnrAre*Neighbhorho BrkSide + 276E-14 * MasVnrAre*Neighbhorho ClearCr + 276E-14 * MasVnrAre*Neighbhorho CollgCr + 276E-14 * MasVnrAre*Neighbhorho Crawfor + 276E-14 * MasVnrAre*Neighbhorho Edwards + 276E-14 * MasVnrAre*Neighbhorho Gilbert + 276E-14 * MasVnrAre*Neighbhorho IDOTRR + 274E-14 * MasVnrAre*Neighbhorho MeadowV + 276E-14 * MasVnrAre*Neighbhorho Mitchel + 276E-14 * MasVnrAre*Neighbhorho NAmes + 276E-14 * MasVnrAre*Neighbhorho NWAmes + 276E-14 * MasVnrAre*Neighbhorho NoRidge + 276E-14 * MasVnrAre*Neighbhorho NridgHt + 276E-14 * MasVnrAre*Neighbhorho OldTown + 276E-14 * MasVnrAre*Neighbhorho SWISU + 276E-14 * MasVnrAre*Neighbhorho Sawyer + 276E-14 * MasVnrAre*Neighbhorho SawyerW + 276E-14 * MasVnrAre*Neighbhorho Somerst + 276E-14 * MasVnrAre*Neighbhorho StoneBr + 276E-14 * MasVnrAre*Neighbhorho Timber + 156E-14 * TotalBsmt*Neighbhorho Blmgtn + 156E-14 * TotalBsmt*Neighbhorho BrDale + 156E-14 * TotalBsmt*Neighbhorho BrkSide + 156E-14 * TotalBsmt*Neighbhorho ClearCr + 156E-14 * TotalBsmt*Neighbhorho CollgCr + 156E-14 * TotalBsmt*Neighbhorho Crawfor + 156E-14 * TotalBsmt*Neighbhorho Edwards + 156E-14 * TotalBsmt*Neighbhorho Gilbert + 156E-14 * TotalBsmt*Neighbhorho IDOTRR + 156E-14 * TotalBsmt*Neighbhorho MeadowV + 156E-14 * TotalBsmt*Neighbhorho Mitchel + 156E-14 * TotalBsmt*Neighbhorho NAmes + 156E-14 * TotalBsmt*Neighbhorho NPKVill + 156E-14 * TotalBsmt*Neighbhorho NWAmes + 156E-14 * TotalBsmt*Neighbhorho NoRidge + 156E-14 * TotalBsmt*Neighbhorho NridgHt + 156E-14 * TotalBsmt*Neighbhorho OldTown + 156E-14 * TotalBsmt*Neighbhorho SWISU + 156E-14 * TotalBsmt*Neighbhorho Sawyer + 156E-14 * TotalBsmt*Neighbhorho SawyerW + 156E-14 * TotalBsmt*Neighbhorho Somerst + 156E-14 * TotalBsmt*Neighbhorho StoneBr + 156E-14 * TotalBsmt*Neighbhorho Timber + 1.21E-9 * FullBath*Neighborhoo Blmgtn + 1.2E-9 * FullBath*Neighborhoo BrDale + 1.21E-9 * FullBath*Neighborhoo BrkSide + 1.21E-9 * FullBath*Neighborhoo ClearCr + 1.21E-9 * FullBath*Neighborhoo CollgCr + 1.21E-9 * FullBath*Neighborhoo Crawfor + 1.21E-9 * FullBath*Neighborhoo Edwards + 1.2E-9 * FullBath*Neighborhoo Gilbert + 1.21E-9 * FullBath*Neighborhoo IDOTRR + 1.21E-9 * FullBath*Neighborhoo MeadowV + 1.21E-9 * FullBath*Neighborhoo Mitchel + 1.21E-9 * FullBath*Neighborhoo NAmes + 1.21E-9 * FullBath*Neighborhoo NWAmes + 1.21E-9 * FullBath*Neighborhoo NoRidge + 1.21E-9 * FullBath*Neighborhoo NridgHt + 1.21E-9 * FullBath*Neighborhoo OldTown + 1.21E-9 * FullBath*Neighborhoo SWISU + 1.21E-9 * FullBath*Neighborhoo Sawyer + 1.21E-9 * FullBath*Neighborhoo SawyerW + 1.21E-9 * FullBath*Neighborhoo Somerst + 1.21E-9 * FullBath*Neighborhoo StoneBr + 1.21E-9 * FullBath*Neighborhoo Timber - 292E-12 * Fireplace*Neighborhoo Blmgtn - 291E-12 * Fireplace*Neighborhoo BrDale - 291E-12 * Fireplace*Neighborhoo
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle IDOTRR 2Sto =	BrkSide - 292E-12 * Fireplace*Neighbhorho ClearCr - 292E-12 * Fireplace*Neighbhorho CollgCr - 292E-12 * Fireplace*Neighbhorho Crawfor - 292E-12 * Fireplace*Neighbhorho Edwards - 292E-12 * Fireplace*Neighbhorho Gilbert - 292E-12 * Fireplace*Neighbhorho IDOTRR - 294E-12 * Fireplace*Neighbhorho MeadowV - 292E-12 * Fireplace*Neighbhorho Mitchel - 292E-12 * Fireplace*Neighbhorho NAmes - 292E-12 * Fireplace*Neighbhorho NPkVill - 292E-12 * Fireplace*Neighbhorho NWAmes - 292E-12 * Fireplace*Neighbhorho NoRidge - 292E-12 * Fireplace*Neighbhorho NridgHt - 292E-12 * Fireplace*Neighbhorho OldTown - 292E-12 * Fireplace*Neighbhorho SWISU - 292E-12 * Fireplace*Neighbhorho Sawyer - 292E-12 * Fireplace*Neighbhorho SawyerW - 292E-12 * Fireplace*Neighbhorho Somerst - 292E-12 * Fireplace*Neighbhorho StoneBr - 292E-12 * Fireplace*Neighbhorho Timber - 3.58E-9 * Neighbhorhoo*BldgType Blmgtn 1Fa - 3.59E-9 * Neighbhorhoo*BldgType CollgCr 1Fa - 3.58E-9 * Neighbhorhoo*BldgType Crawfor 1Fa - 3.58E-9 * Neighbhorhoo*BldgType Crawfor 2fm - 3.58E-9 * Neighbhorhoo*BldgType Edwards 1Fa - 3.58E-9 * Neighbhorhoo*BldgType Edwards 2fm - 3.59E-9 * Neighbhorhoo*BldgType IDOTRR 1Fam - 3.58E-9 * Neighbhorhoo*BldgType IDOTRR 2fmC - 3.58E-9 * Neighbhorhoo*BldgType Mitchel 1Fa - 3.58E-9 * Neighbhorhoo*BldgType Mitchel 2fm - 3.59E-9 * Neighbhorhoo*BldgType NAmes 1Fam - 3.59E-9 * Neighbhorhoo*BldgType NWAmes 1Fam - 3.58E-9 * Neighbhorhoo*BldgType NridgHt 1Fa - 3.58E-9 * Neighbhorhoo*BldgType OldTown 1Fa - 3.58E-9 * Neighbhorhoo*BldgType OldTown 2fm - 3.58E-9 * Neighbhorhoo*BldgType Sawyer 1Fam - 3.58E-9 * Neighbhorhoo*BldgType Sawyer 2fmC - 3.58E-9 * Neighbhorhoo*BldgType SawyerW 1Fa - 3.58E-9 * Neighbhorhoo*BldgType Somerst 1Fa - 3.58E-9 * Neighbhorhoo*BldgType StoneBr 1Fa - 933E-12 * Neighbhor*HouseStyle BrkSide 1St - 934E-12 * Neighbhor*HouseStyle ClearCr 1St - 934E-12 * Neighbhor*HouseStyle CollgCr 1St - 932E-12 * Neighbhor*HouseStyle Crawfor 1St - 934E-12 * Neighbhor*HouseStyle Edwards 1St - 934E-12 * Neighbhor*HouseStyle Gilbert 1St - Neighbhor*HouseStyle IDOTRR 1.5F - Neighbhor*HouseStyle IDOTRR 1.5U - 1 * Neighbhor*HouseStyle IDOTRR 1Sto - Neighbhor*HouseStyle IDOTRR 2.5U + 93E-11 * Neighbhor*HouseStyle MeadowV 1St + 934E-12 * Neighbhor*HouseStyle Mitchel 1St + 934E-12 * Neighbhor*HouseStyle NAmes 1Stor + 937E-12 * Neighbhor*HouseStyle NPkVill 1St + 933E-12 * Neighbhor*HouseStyle NWAmes 1Sto + 932E-12 * Neighbhor*HouseStyle NoRidge 1St + 932E-12 * Neighbhor*HouseStyle NridgHt 1St + 934E-12 * Neighbhor*HouseStyle OldTown 1St + 931E-12 * Neighbhor*HouseStyle SWISU 1Stor + 934E-12 * Neighbhor*HouseStyle Sawyer 1Sto + 934E-12 * Neighbhor*HouseStyle SawyerW 1St + 932E-12 * Neighbhor*HouseStyle Somerst 1St + 932E-12 * Neighbhor*HouseStyle StoneBr 1St + 934E-12 * Neighbhor*HouseStyle Timber 1Sto - 71E-13 * GarageCars + 239E-17 * YearBuilt*Garage Cars + 166E-14 * GarageCar*Neighbhorho CollgCr + 187E-14 * GarageCar*Neighbhorho Edwards + 222E-14 * GarageCar*Neighbhorho Gilbert + 207E-14 * GarageCar*Neighbhorho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle IDOTRR 2Sto =	Mitchel + 195E-14 * GarageCar*Neighborho NAmes + 187E-14 * GarageCar*Neighborho NoRidge + 195E-14 * GarageCar*Neighborho NridgHt + 223E-14 * GarageCar*Neighborho OldTown + 207E-14 * GarageCar*Neighborho Sawyer + 199E-14 * GarageCar*Neighborho SawyerW + 186E-14 * GarageCar*Neighborho Somerst
Neighborh*HouseStyle IDOTRR SFoy =	0
Neighborh*HouseStyle MeadowV 1.5 =	0
Neighborh*HouseStyle MeadowV 1.2 =	0
Neighborh*HouseStyle MeadowV 2.5 =	0
Neighborh*HouseStyle MeadowV 2.2 =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle MeadowV SFo =	<pre> 1.63E-7 * Intercept - 1.39E-9 * GrLlvArea_I + 192E-16 * Lot Area - 217E-12 * OverallCond - 768E-13 * YearBuilt + 16E-20 * LotArea*YearBuilt + 104E-14 * MasVnrArea + 584E-15 * Total BsmtSF + 446E-12 * FullBath + 448E-15 * GrLlvArea_*FullBath - 106E-12 * Fireplaces - 241E-15 * GrLlvArea*Fireplaces + 116E-13 * LotConfig CulDSac - 166E-13 * LotConfig FR2 - 596E-17 * YearBuilt*LotConfig CulDSac + 796E-17 * YearBuilt*LotConfig FR2 - 1.33E-9 * BldgType 1Fam - BldgType Twnhs - 1.33E-9 * HouseStyle 1.5Unf - 349E-12 * HouseStyle 1Story - 1.34E-9 * HouseStyle 2.5Fin - 1.33E-9 * HouseStyle 2.5Unf + 1.33E-9 * BldgType*HouseStyle 1Fam 1.5Unf + 1.33E-9 * BldgType*HouseStyle 1Fam 2.5Fin + 1.33E-9 * BldgType*HouseStyle 1Fam 2.5Unf - 1.33E-9 * BldgType*HouseStyle 2fmCon 1.5Fi - 1.33E-9 * BldgType*HouseStyle 2fmCon 1Stor - 1.33E-9 * BldgType*HouseStyle 2fmCon 2Stor + BldgType*HouseStyle Twnhs 1Story + BldgType*HouseStyle Twnhs 2Story + BldgType*HouseStyle Twnhs SFoyer - 1.62E-7 * Neighborhood Blmgtn + 5.92E-9 * Neighborhood Blueste - 1.67E-7 * Neighborhood BrDale - 1.62E-7 * Neighborhood BrkSide - 1.62E-7 * Neighborhood ClearCr - 1.64E-7 * Neighborhood CollgCr - 1.63E-7 * Neighborhood Crawfor - 1.63E-7 * Neighborhood Edwards - 1.62E-7 * Neighborhood Gilbert - 1.63E-7 * Neighborhood IDOTRR + 1 * Neighborhood MeadowV - 1.63E-7 * Neighborhood Mitchel - 1.63E-7 * Neighborhood NAmes - 1.67E-7 * Neighborhood NPKVill - 1.63E-7 * Neighborhood NWAmes - 1.62E-7 * Neighborhood NoRidge - 1.62E-7 * Neighborhood NridgHt - 1.63E-7 * Neighborhood OldTown - 1.62E-7 * Neighborhood SWISU - 1.63E-7 * Neighborhood Sawyer - 1.63E-7 * Neighborhood SawyerW - 1.63E-7 * Neighborhood Somerst - 1.63E-7 * Neighborhood StoneBr - 1.62E-7 * Neighborhood Timber + 1.39E-9 * GrLlvArea*Neighborho Blmgtn - 951E-12 * GrLlvArea*Neighborho Blueste + 1.48E-9 * GrLlvArea*Neighborho BrDale + 1.39E-9 * GrLlvArea*Neighborho BrkSide + 1.39E-9 * GrLlvArea*Neighborho ClearCr + 1.39E-9 * GrLlvArea*Neighborho CollgCr + 1.39E-9 * GrLlvArea*Neighborho Crawfor + 1.39E-9 * GrLlvArea*Neighborho Edwards + 1.39E-9 * GrLlvArea*Neighborho Gilbert + 1.39E-9 * GrLlvArea*Neighborho IDOTRR + 1.43E-9 * GrLlvArea*Neighborho MeadowV + 1.39E-9 * GrLlvArea*Neighborho Mitchel + 1.39E-9 * GrLlvArea*Neighborho NAmes + 1.37E-9 * GrLlvArea*Neighborho NPKVill + 1.39E-9 * GrLlvArea*Neighborho NWAmes + 1.39E-9 * GrLlvArea*Neighborho NoRidge + 1.39E-9 * GrLlvArea*Neighborho NridgHt + 1.39E-9 * GrLlvArea*Neighborho OldTown + 1.39E-9 * GrLlvArea*Neighborho SWISU + 1.39E-9 * GrLlvArea*Neighborho Sawyer + 1.39E-9 * GrLlvArea*Neighborho SawyerW + 1.39E-9 * GrLlvArea*Neighborho Somerst + 1.39E-9 * GrLlvArea*Neighborho StoneBr + 1.39E-9 * GrLlvArea*Neighborho Timber - 194E-16 * LotArea*Neighborhood Blmgtn - 177E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle MeadowV SFo =	BrDale - 195E-16 * LotArea*Neighborhood BrkSide - 195E-16 * LotArea*Neighborhood ClearCr - 195E-16 * LotArea*Neighborhood CollgCr - 195E-16 * LotArea*Neighborhood Crawfor - 195E-16 * LotArea*Neighborhood Edwards - 195E-16 * LotArea*Neighborhood Gilbert - 195E-16 * LotArea*Neighborhood IDOTRR - 275E-16 * LotArea*Neighborhood MeadowV - 195E-16 * LotArea*Neighborhood Mitchel - 195E-16 * LotArea*Neighborhood NAmes - 204E-16 * LotArea*Neighborhood NPKVill - 195E-16 * LotArea*Neighborhood NWAmes - 195E-16 * LotArea*Neighborhood NoRidge - 195E-16 * LotArea*Neighborhood NridgHt - 195E-16 * LotArea*Neighborhood OldTown - 195E-16 * LotArea*Neighborhood SWISU - 195E-16 * LotArea*Neighborhood Sawyer - 196E-16 * LotArea*Neighborhood SawyerW - 195E-16 * LotArea*Neighborhood Somerset - 195E-16 * LotArea*Neighborhood StoneBr - 195E-16 * LotArea*Neighborhood Timber + 218E-12 * OverallCo*Neighborhood BrDale + 217E-12 * OverallCo*Neighborhood BrkSide + 217E-12 * OverallCo*Neighborhood ClearCr + 217E-12 * OverallCo*Neighborhood CollgCr + 217E-12 * OverallCo*Neighborhood Crawfor + 217E-12 * OverallCo*Neighborhood Edwards + 217E-12 * OverallCo*Neighborhood Gilbert + 217E-12 * OverallCo*Neighborhood IDOTRR + 216E-12 * OverallCo*Neighborhood MeadowV + 217E-12 * OverallCo*Neighborhood Mitchel + 217E-12 * OverallCo*Neighborhood NAmes + 218E-12 * OverallCo*Neighborhood NPKVill + 217E-12 * OverallCo*Neighborhood NWAmes + 217E-12 * OverallCo*Neighborhood NoRidge + 217E-12 * OverallCo*Neighborhood OldTown + 217E-12 * OverallCo*Neighborhood SWISU + 217E-12 * OverallCo*Neighborhood Sawyer + 217E-12 * OverallCo*Neighborhood SawyerW + 217E-12 * OverallCo*Neighborhood Somerset + 217E-12 * OverallCo*Neighborhood StoneBr + 216E-12 * OverallCo*Neighborhood Timber + 769E-13 * YearBuilt*Neighborhood Blmgtn + 783E-13 * YearBuilt*Neighborhood BrDale + 768E-13 * YearBuilt*Neighborhood BrkSide + 768E-13 * YearBuilt*Neighborhood ClearCr + 768E-13 * YearBuilt*Neighborhood CollgCr + 768E-13 * YearBuilt*Neighborhood Crawfor + 768E-13 * YearBuilt*Neighborhood Edwards + 768E-13 * YearBuilt*Neighborhood Gilbert + 768E-13 * YearBuilt*Neighborhood IDOTRR + 775E-13 * YearBuilt*Neighborhood MeadowV + 768E-13 * YearBuilt*Neighborhood Mitchel + 768E-13 * YearBuilt*Neighborhood NAmes + 782E-13 * YearBuilt*Neighborhood NPKVill + 768E-13 * YearBuilt*Neighborhood NWAmes + 769E-13 * YearBuilt*Neighborhood NoRidge + 768E-13 * YearBuilt*Neighborhood NridgHt + 768E-13 * YearBuilt*Neighborhood OldTown + 768E-13 * YearBuilt*Neighborhood SWISU + 768E-13 * YearBuilt*Neighborhood Sawyer + 768E-13 * YearBuilt*Neighborhood SawyerW + 768E-13 * YearBuilt*Neighborhood Somerset + 768E-13 * YearBuilt*Neighborhood StoneBr + 768E-13 * YearBuilt*Neighborhood Timber - 104E-14 * MasVnrAre*Neighborhood Blmgtn - 105E-14 * MasVnrAre*Neighborhood BrDale - 104E-14 * MasVnrAre*Neighborhood BrkSide - 104E-14 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle MeadowV SFo =	ClearCr - 104E-14 * MasVnrAre*Neighborhood CollgCr - 104E-14 * MasVnrAre*Neighborhood Crawfor - 104E-14 * MasVnrAre*Neighborhood Edwards - 104E-14 * MasVnrAre*Neighborhood Gilbert - 104E-14 * MasVnrAre*Neighborhood IDOTRR - 11E-13 * MasVnrAre*Neighborhood MeadowV - 104E-14 * MasVnrAre*Neighborhood Mitchel - 104E-14 * MasVnrAre*Neighborhood NAmes - 104E-14 * MasVnrAre*Neighborhood NWAmes - 104E-14 * MasVnrAre*Neighborhood NoRidge - 104E-14 * MasVnrAre*Neighborhood NridgHt - 104E-14 * MasVnrAre*Neighborhood OldTown - 104E-14 * MasVnrAre*Neighborhood SWISU - 104E-14 * MasVnrAre*Neighborhood Sawyer - 104E-14 * MasVnrAre*Neighborhood SawyerW - 104E-14 * MasVnrAre*Neighborhood Somerst - 104E-14 * MasVnrAre*Neighborhood StoneBr - 104E-14 * MasVnrAre*Neighborhood Timber - 585E-15 * TotalBsmt*Neighborhood Blmgtn - 694E-15 * TotalBsmt*Neighborhood BrDale - 585E-15 * TotalBsmt*Neighborhood BrkSide - 585E-15 * TotalBsmt*Neighborhood ClearCr - 585E-15 * TotalBsmt*Neighborhood CollgCr - 585E-15 * TotalBsmt*Neighborhood Crawfor - 585E-15 * TotalBsmt*Neighborhood Edwards - 585E-15 * TotalBsmt*Neighborhood Gilbert - 585E-15 * TotalBsmt*Neighborhood IDOTRR - 63E-14 * TotalBsmt*Neighborhood MeadowV - 585E-15 * TotalBsmt*Neighborhood Mitchel - 585E-15 * TotalBsmt*Neighborhood NAmes - 581E-15 * TotalBsmt*Neighborhood NPkVill - 585E-15 * TotalBsmt*Neighborhood NWAmes - 585E-15 * TotalBsmt*Neighborhood NoRidge - 585E-15 * TotalBsmt*Neighborhood NridgHt - 585E-15 * TotalBsmt*Neighborhood OldTown - 585E-15 * TotalBsmt*Neighborhood SWISU - 585E-15 * TotalBsmt*Neighborhood Sawyer - 585E-15 * TotalBsmt*Neighborhood SawyerW - 585E-15 * TotalBsmt*Neighborhood Somerst - 585E-15 * TotalBsmt*Neighborhood StoneBr - 585E-15 * TotalBsmt*Neighborhood Timber - 45E-11 * FullBath*Neighborhood Blmgtn - 459E-12 * FullBath*Neighborhood BrDale - 45E-11 * FullBath*Neighborhood BrkSide - 45E-11 * FullBath*Neighborhood ClearCr - 45E-11 * FullBath*Neighborhood CollgCr - 45E-11 * FullBath*Neighborhood Crawfor - 45E-11 * FullBath*Neighborhood Edwards - 449E-12 * FullBath*Neighborhood Gilbert - 45E-11 * FullBath*Neighborhood IDOTRR - 433E-12 * FullBath*Neighborhood MeadowV - 45E-11 * FullBath*Neighborhood Mitchel - 45E-11 * FullBath*Neighborhood NAmes - 45E-11 * FullBath*Neighborhood NWAmes - 45E-11 * FullBath*Neighborhood NoRidge - 45E-11 * FullBath*Neighborhood NridgHt - 45E-11 * FullBath*Neighborhood OldTown - 45E-11 * FullBath*Neighborhood SWISU - 45E-11 * FullBath*Neighborhood Sawyer - 45E-11 * FullBath*Neighborhood SawyerW - 45E-11 * FullBath*Neighborhood Somerst - 45E-11 * FullBath*Neighborhood StoneBr - 45E-11 * FullBath*Neighborhood Timber + 107E-12 * Fireplace*Neighborhood Blmgtn + 108E-12 * Fireplace*Neighborhood BrDale + 107E-12 * Fireplace*Neighborhood BrkSide + 108E-12 * Fireplace*Neighborhood ClearCr + 107E-12 * Fireplace*Neighborhood CollgCr + 107E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle MeadowV SFo =	Crawfor + 108E-12 * Fireplace*Neighbhorho Edwards + 108E-12 * Fireplace*Neighbhorho Gilbert + 107E-12 * Fireplace*Neighbhorho IDOTRR + 916E-13 * Fireplace*Neighbhorho MeadowV + 107E-12 * Fireplace*Neighbhorho Mitchel + 107E-12 * Fireplace*Neighbhorho NAmes + 109E-12 * Fireplace*Neighbhorho NPKVill + 108E-12 * Fireplace*Neighbhorho NWAmes + 108E-12 * Fireplace*Neighbhorho NoRidge + 108E-12 * Fireplace*Neighbhorho NridgHt + 107E-12 * Fireplace*Neighbhorho OldTown + 107E-12 * Fireplace*Neighbhorho SWISU + 108E-12 * Fireplace*Neighbhorho Sawyer + 108E-12 * Fireplace*Neighbhorho SawyerW + 107E-12 * Fireplace*Neighbhorho Somerst + 108E-12 * Fireplace*Neighbhorho StoneBr + 108E-12 * Fireplace*Neighbhorho Timber + 1.33E-9 * Neighborhoo*BldgType Blmgtn 1Fa + 1.33E-9 * Neighborhoo*BldgType CollgCr 1Fa + 1.33E-9 * Neighborhoo*BldgType Crawfor 1Fa + 1.33E-9 * Neighborhoo*BldgType Edwards 2fm + 1.33E-9 * Neighborhoo*BldgType Edwards 1Fa + 1.33E-9 * Neighborhoo*BldgType IDOTRR 2fm + 1.33E-9 * Neighborhoo*BldgType IDOTRR 1Fam + 1.33E-9 * Neighborhoo*BldgType IDOTRR 2fmC + 1.33E-9 * Neighborhoo*BldgType Mitchel 1Fa + 1.33E-9 * Neighborhoo*BldgType Mitchel 2fm + 1.33E-9 * Neighborhoo*BldgType NAmes 1Fam + 1.33E-9 * Neighborhoo*BldgType NWAmes 1Fam + 1.33E-9 * Neighborhoo*BldgType NridgHt 1Fa + 1.33E-9 * Neighborhoo*BldgType OldTown 1Fa + 1.33E-9 * Neighborhoo*BldgType OldTown 2fm + 1.33E-9 * Neighborhoo*BldgType Sawyer 1Fam + 1.33E-9 * Neighborhoo*BldgType Sawyer 2fmC + 1.33E-9 * Neighborhoo*BldgType SawyerW 1Fa + 1.33E-9 * Neighborhoo*BldgType Somerst 1Fa + 1.33E-9 * Neighborhoo*BldgType StoneBr 1Fa + 348E-12 * Neighbhor*HouseStyle BrkSide 1St + 349E-12 * Neighbhor*HouseStyle ClearCr 1St + 349E-12 * Neighbhor*HouseStyle CollgCr 1St + 348E-12 * Neighbhor*HouseStyle Crawfor 1St + 349E-12 * Neighbhor*HouseStyle Edwards 1St + 349E-12 * Neighbhor*HouseStyle Gilbert 1St + 348E-12 * Neighbhor*HouseStyle IDOTRR 1Sto - 1 * Neighbhor*HouseStyle MeadowV 1St - Neighborh*HouseStyle MeadowV 2St - 349E-12 * Neighbhor*HouseStyle Mitchel 1St - 349E-12 * Neighbhor*HouseStyle NAmes 1Stor - 34E-11 * Neighbhor*HouseStyle NPKVill 1St - 349E-12 * Neighbhor*HouseStyle NWAmes 1Sto - 348E-12 * Neighbhor*HouseStyle NoRidge 1St - 348E-12 * Neighbhor*HouseStyle NridgHt 1St - 349E-12 * Neighbhor*HouseStyle OldTown 1St - 348E-12 * Neighbhor*HouseStyle SWISU 1Stor - 349E-12 * Neighbhor*HouseStyle Sawyer 1Sto - 349E-12 * Neighbhor*HouseStyle SawyerW 1St - 348E-12 * Neighbhor*HouseStyle Somerst 1St - 348E-12 * Neighbhor*HouseStyle StoneBr 1St - 349E-12 * Neighbhor*HouseStyle Timber 1Sto + 233E-14 * GarageCars - 779E-18 * YearBuilt*GarageCars
Neighbhor*HouseStyle Mitchel 1.2 =	0
Neighbhor*HouseStyle Mitchel 2.5 =	0
Neighbhor*HouseStyle Mitchel 2.2 =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborth*HouseStyle NAmes 2.5Fi =	0
Neighborth*HouseStyle NAmes 2.5Un =	0
Neighborth*HouseStyle NPkVill 1.5 =	0
Neighborth*HouseStyle NPkVill 1.2 =	0
Neighborth*HouseStyle NPkVill 2.5 =	0
Neighborth*HouseStyle NPkVill 2.2 =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle NPkVill 2St =	<pre> -4.37E-9 * Intercept + 354E-13 * GrLlvArea_I - 507E-18 * Lot Area + 563E-14 * OverallCond + 206E-14 * YearBuilt - 249E-16 * MasVnrArea - 144E-16 * TotalBsmtSF - 115E-13 * FullBath + 311E-14 * Fireplaces + 36E-12 * BldgType 1Fam + 359E-13 * HouseStyle 1.5Unf + 891E-14 * HouseStyle 1Story + 361E-13 * HouseStyle 2.5Fin + 359E-13 * HouseStyle 2.5Unf - 359E-13 * BldgType*HouseStyle 1Fam 1.5Unf - 36E-12 * BldgType*HouseStyle 1Fam 2.5Fin - 359E-13 * BldgType*HouseStyle 1Fam 2.5Unf + 359E-13 * BldgType*HouseStyle 2fmCon 1.5Fi + 359E-13 * BldgType*HouseStyle 2fmCon 1Stor + 359E-13 * BldgType*HouseStyle 2fmCon 2Stor + 3.85E-9 * Neighborhood Blmgtn - 153E-12 * Neighborhood Blueste + 4.27E-9 * Neighborhood BrDale + 4.34E-9 * Neighborhood BrkSide + 4.34E-9 * Neighborhood ClearCr + 4.37E-9 * Neighborhood CollgCr + 4.37E-9 * Neighborhood Crawfor + 4.37E-9 * Neighborhood Edwards + 4.34E-9 * Neighborhood Gilbert + 4.37E-9 * Neighborhood IDOTRR + 4.27E-9 * Neighborhood MeadowV + 4.37E-9 * Neighborhood Mitchel + 4.37E-9 * Neighborhood NAmes + 1 * Neighborhood NPkVill + 4.37E-9 * Neighborhood NWAmes + 4.33E-9 * Neighborhood NoRidge + 4.37E-9 * Neighborhood NridgHt + 4.37E-9 * Neighborhood OldTown + 4.34E-9 * Neighborhood SWISU + 4.37E-9 * Neighborhood Sawyer + 4.37E-9 * Neighborhood SawyerW + 4.39E-9 * Neighborhood Somerset + 4.37E-9 * Neighborhood StoneBr + 4.34E-9 * Neighborhood Timber - 352E-13 * GrLlvArea*Neighborhood Blmgtn + 248E-13 * GrLlvArea*Neighborhood Blueste - 329E-13 * GrLlvArea*Neighborhood BrDale - 354E-13 * GrLlvArea*Neighborhood BrkSide - 353E-13 * GrLlvArea*Neighborhood ClearCr - 354E-13 * GrLlvArea*Neighborhood CollgCr - 354E-13 * GrLlvArea*Neighborhood Crawfor - 353E-13 * GrLlvArea*Neighborhood Edwards - 353E-13 * GrLlvArea*Neighborhood Gilbert - 354E-13 * GrLlvArea*Neighborhood IDOTRR - 352E-13 * GrLlvArea*Neighborhood MeadowV - 353E-13 * GrLlvArea*Neighborhood Mitchel - 353E-13 * GrLlvArea*Neighborhood NAmes - 438E-13 * GrLlvArea*Neighborhood NPkVill - 353E-13 * GrLlvArea*Neighborhood NWAmes - 353E-13 * GrLlvArea*Neighborhood NoRidge - 353E-13 * GrLlvArea*Neighborhood NridgHt - 353E-13 * GrLlvArea*Neighborhood OldTown - 353E-13 * GrLlvArea*Neighborhood SWISU - 353E-13 * GrLlvArea*Neighborhood Sawyer - 354E-13 * GrLlvArea*Neighborhood SawyerW - 354E-13 * GrLlvArea*Neighborhood Somerset - 353E-13 * GrLlvArea*Neighborhood StoneBr - 355E-13 * GrLlvArea*Neighborhood Timber + 515E-18 * LotArea*Neighborhood BrkSide + 514E-18 * LotArea*Neighborhood ClearCr + 514E-18 * LotArea*Neighborhood CollgCr + 514E-18 * LotArea*Neighborhood Crawfor + 514E-18 * LotArea*Neighborhood Edwards + 513E-18 * LotArea*Neighborhood Gilbert + 514E-18 * LotArea*Neighborhood IDOTRR + 514E-18 * LotArea*Neighborhood Mitchel + 514E-18 * LotArea*Neighborhood NAmes + 513E-18 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*HouseStyle NPkVill 2St =	NWAmes + 513E-18 * LotArea*Neighborhood NoRidge + 514E-18 * LotArea*Neighborhood NridgHt + 514E-18 * LotArea*Neighborhood OldTown + 514E-18 * LotArea*Neighborhood Sawyer + 515E-18 * LotArea*Neighborhood SawyerW + 513E-18 * LotArea*Neighborhood Somerst + 514E-18 * LotArea*Neighborhood StoneBr + 514E-18 * LotArea*Neighborhood Timber - 561E-14 * OverallCo*Neighborhood BrDale - 563E-14 * OverallCo*Neighborhood BrkSide - 563E-14 * OverallCo*Neighborhood ClearCr - 563E-14 * OverallCo*Neighborhood CollgCr - 563E-14 * OverallCo*Neighborhood Crawfor - 563E-14 * OverallCo*Neighborhood Edwards - 563E-14 * OverallCo*Neighborhood Gilbert - 563E-14 * OverallCo*Neighborhood IDOTRR - 562E-14 * OverallCo*Neighborhood MeadowV - 563E-14 * OverallCo*Neighborhood Mitchel - 563E-14 * OverallCo*Neighborhood NAmes - 523E-14 * OverallCo*Neighborhood NPkVill - 563E-14 * OverallCo*Neighborhood NWAmes - 562E-14 * OverallCo*Neighborhood NoRidge - 563E-14 * OverallCo*Neighborhood OldTown - 563E-14 * OverallCo*Neighborhood SWISU - 563E-14 * OverallCo*Neighborhood Sawyer - 563E-14 * OverallCo*Neighborhood SawyerW - 562E-14 * OverallCo*Neighborhood Somerst - 563E-14 * OverallCo*Neighborhood StoneBr - 561E-14 * OverallCo*Neighborhood Timber - 182E-14 * YearBuilt*Neighborhood Blmgtn - 202E-14 * YearBuilt*Neighborhood BrDale - 206E-14 * YearBuilt*Neighborhood BrkSide - 206E-14 * YearBuilt*Neighborhood ClearCr - 206E-14 * YearBuilt*Neighborhood CollgCr - 206E-14 * YearBuilt*Neighborhood Crawfor - 206E-14 * YearBuilt*Neighborhood Edwards - 206E-14 * YearBuilt*Neighborhood Gilbert - 206E-14 * YearBuilt*Neighborhood IDOTRR - 201E-14 * YearBuilt*Neighborhood MeadowV - 206E-14 * YearBuilt*Neighborhood Mitchel - 206E-14 * YearBuilt*Neighborhood NAmes - 115E-14 * YearBuilt*Neighborhood NPkVill - 206E-14 * YearBuilt*Neighborhood NWAmes - 206E-14 * YearBuilt*Neighborhood NoRidge - 207E-14 * YearBuilt*Neighborhood NridgHt - 206E-14 * YearBuilt*Neighborhood OldTown - 206E-14 * YearBuilt*Neighborhood SWISU - 206E-14 * YearBuilt*Neighborhood Sawyer - 206E-14 * YearBuilt*Neighborhood SawyerW - 207E-14 * YearBuilt*Neighborhood Somerst - 206E-14 * YearBuilt*Neighborhood StoneBr - 206E-14 * YearBuilt*Neighborhood Timber + 246E-16 * MasVnrAre*Neighborhood BrDale + 249E-16 * MasVnrAre*Neighborhood CollgCr + 249E-16 * MasVnrAre*Neighborhood Crawfor + 249E-16 * MasVnrAre*Neighborhood Edwards + 249E-16 * MasVnrAre*Neighborhood NAmes + 249E-16 * MasVnrAre*Neighborhood NWAmes + 249E-16 * MasVnrAre*Neighborhood NoRidge + 249E-16 * MasVnrAre*Neighborhood NridgHt + 249E-16 * MasVnrAre*Neighborhood Somerst + 249E-16 * MasVnrAre*Neighborhood StoneBr + 249E-16 * MasVnrAre*Neighborhood Timber + 145E-16 * TotalBsmt*Neighborhood Blmgtn + 114E-16 * TotalBsmt*Neighborhood BrDale + 144E-16 * TotalBsmt*Neighborhood BrkSide + 144E-16 * TotalBsmt*Neighborhood ClearCr + 144E-16 * TotalBsmt*Neighborhood CollgCr + 144E-16 * TotalBsmt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*HouseStyle NPkVill 2St =	Crawfor + 144E-16 * TotalBsmt*Neighborhood Edwards + 144E-16 * TotalBsmt*Neighborhood Gilbert + 144E-16 * TotalBsmt*Neighborhood IDOTRR + 153E-16 * TotalBsmt*Neighborhood MeadowV + 144E-16 * TotalBsmt*Neighborhood Mitchel + 144E-16 * TotalBsmt*Neighborhood NAmes + 202E-16 * TotalBsmt*Neighborhood NPKVill + 144E-16 * TotalBsmt*Neighborhood NWAmes + 144E-16 * TotalBsmt*Neighborhood NoRidge + 144E-16 * TotalBsmt*Neighborhood NridgHt + 144E-16 * TotalBsmt*Neighborhood OldTown + 144E-16 * TotalBsmt*Neighborhood SWISU + 144E-16 * TotalBsmt*Neighborhood Sawyer + 144E-16 * TotalBsmt*Neighborhood SawyerW + 144E-16 * TotalBsmt*Neighborhood Somerst + 144E-16 * TotalBsmt*Neighborhood StoneBr + 144E-16 * TotalBsmt*Neighborhood Timber + 116E-13 * FullBath*Neighborhood Blmgtn + 113E-13 * FullBath*Neighborhood BrDale + 116E-13 * FullBath*Neighborhood BrkSide + 116E-13 * FullBath*Neighborhood ClearCr + 116E-13 * FullBath*Neighborhood CollgCr + 116E-13 * FullBath*Neighborhood Crawfor + 116E-13 * FullBath*Neighborhood Edwards + 116E-13 * FullBath*Neighborhood Gilbert + 116E-13 * FullBath*Neighborhood IDOTRR + 111E-13 * FullBath*Neighborhood MeadowV + 116E-13 * FullBath*Neighborhood Mitchel + 116E-13 * FullBath*Neighborhood NAmes + 116E-13 * FullBath*Neighborhood NWAmes + 116E-13 * FullBath*Neighborhood NoRidge + 116E-13 * FullBath*Neighborhood NridgHt + 116E-13 * FullBath*Neighborhood OldTown + 116E-13 * FullBath*Neighborhood SWISU + 116E-13 * FullBath*Neighborhood Sawyer + 116E-13 * FullBath*Neighborhood SawyerW + 116E-13 * FullBath*Neighborhood Somerst + 116E-13 * FullBath*Neighborhood StoneBr + 116E-13 * FullBath*Neighborhood Timber - 317E-14 * Fireplace*Neighborhood Crawfor - 317E-14 * Fireplace*Neighborhood Gilbert - 317E-14 * Fireplace*Neighborhood NAmes - 317E-14 * Fireplace*Neighborhood NWAmes - 318E-14 * Fireplace*Neighborhood NridgHt - 366E-13 * Neighborhood*BldgType Blmgtn 1Fa - 36E-12 * Neighborhood*BldgType CollgCr 1Fa - 359E-13 * Neighborhood*BldgType Crawfor 1Fa - 359E-13 * Neighborhood*BldgType Edwards 2fm - 359E-13 * Neighborhood*BldgType Edwards 2fm - 36E-12 * Neighborhood*BldgType IDOTRR 1Fam - 359E-13 * Neighborhood*BldgType IDOTRR 2fmC - 359E-13 * Neighborhood*BldgType Mitchel 1Fa - 359E-13 * Neighborhood*BldgType Mitchel 2fm - 36E-12 * Neighborhood*BldgType NAmes 1Fam - 36E-12 * Neighborhood*BldgType NWAmes 1Fam - 36E-12 * Neighborhood*BldgType NridgHt 1Fa - 36E-12 * Neighborhood*BldgType OldTown 1Fa - 359E-13 * Neighborhood*BldgType OldTown 2fm - 36E-12 * Neighborhood*BldgType Sawyer 1Fam - 359E-13 * Neighborhood*BldgType Sawyer 2fmC - 36E-12 * Neighborhood*BldgType SawyerW 1Fa - 359E-13 * Neighborhood*BldgType Somerst 1Fa - 36E-12 * Neighborhood*BldgType StoneBr 1Fa - 882E-14 * Neighborhood*HouseStyle BrkSide 1St - 891E-14 * Neighborhood*HouseStyle ClearCr 1St - 891E-14 * Neighborhood*HouseStyle CollgCr 1St - 881E-14 * Neighborhood*HouseStyle Crawfor 1St - 891E-14 * Neighborhood*HouseStyle Edwards
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle NPkVill 2St =	1St - 891E-14 * Neighbhor*HouseStyle Gilbert 1St - 881E-14 * Neighbhor*HouseStyle IDOTRR 1Sto - 89E-13 * Neighbhor*HouseStyle Mitchel 1St - 891E-14 * Neighbhor*HouseStyle NAmes 1Stor - Neighbhor*HouseStyle NPkVill 1St + 889E-14 * Neighbhor*HouseStyle NWAmes 1Sto + 88E-13 * Neighbhor*HouseStyle NridgHt 1St + 89E-13 * Neighbhor*HouseStyle OldTown 1St + 891E-14 * Neighbhor*HouseStyle Sawyer 1Sto + 891E-14 * Neighbhor*HouseStyle SawyerW 1St + 881E-14 * Neighbhor*HouseStyle Somerst 1St + 879E-14 * Neighbhor*HouseStyle StoneBr 1St + 888E-14 * Neighbhor*HouseStyle Timber 1Sto
Neighbhor*HouseStyle NPkVill SFo =	0
Neighbhor*HouseStyle NWAmes 1.5U =	0
Neighbhor*HouseStyle NWAmes 2.5F =	0
Neighbhor*HouseStyle NWAmes 2.5U =	0
Neighbhor*HouseStyle NoRidge 1.2 =	0
Neighbhor*HouseStyle NoRidge 2.5 =	0
Neighbhor*HouseStyle NoRidge 2.2 =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle NoRidge 2St =	2.29E-7 * Intercept - 1.94E-9 * GrLlvArea_I + 271E-16 * LotArea - 303E-12 * OverallCond - 108E-12 * YearBuilt + 15E-20 * LotArea*YearBuilt + 144E-14 * MasVnrArea + 812E-15 * TotalBsmtSF + 623E-12 * FullBath + 601E-15 * GrLlvArea_I*FullBath - 15E-11 * Fireplaces + 172E-13 * LotConfig CulDSac - 245E-13 * LotConfig FR2 - 883E-17 * YearBuilt*LotConfig CulDSac + 118E-16 * YearBuilt*LotConfig FR2 - 1.87E-9 * BldgType 1Fam - 1.87E-9 * HouseStyle 1.5Unf - 487E-12 * HouseStyle 1Story - 1.87E-9 * HouseStyle 2.5Fin - 1.87E-9 * HouseStyle 2.5Unf + 1.87E-9 * BldgType*HouseStyle 1Fam 1.5Unf + 1.87E-9 * BldgType*HouseStyle 1Fam 2.5Fin + 1.87E-9 * BldgType*HouseStyle 1Fam 2.5Unf - 1.87E-9 * BldgType*HouseStyle 2fmCon 1.5Fi - 1.87E-9 * BldgType*HouseStyle 2fmCon 1Stor - 1.87E-9 * BldgType*HouseStyle 2fmCon 2Stor - 2.27E-7 * Neighborhood Blmgtn + 8.26E-9 * Neighborhood Blueste - 2.3E-7 * Neighborhood BrDale - 2.27E-7 * Neighborhood BrkSide - 2.27E-7 * Neighborhood ClearCr - 2.29E-7 * Neighborhood CollgCr - 2.29E-7 * Neighborhood Crawfor - 2.29E-7 * Neighborhood Edwards - 2.27E-7 * Neighborhood Gilbert - 2.29E-7 * Neighborhood IDOTRR - 2.29E-7 * Neighborhood MeadowV - 2.29E-7 * Neighborhood Mitchel - 2.29E-7 * Neighborhood NAmes - 2.29E-7 * Neighborhood NPkVill - 2.29E-7 * Neighborhood NWAmes + 1 * Neighborhood NoRidge - 2.28E-7 * Neighborhood NridgHt - 2.29E-7 * Neighborhood OldTown - 2.27E-7 * Neighborhood SWISU - 2.29E-7 * Neighborhood Sawyer - 2.29E-7 * Neighborhood SawyerW - 2.29E-7 * Neighborhood Somerset - 2.29E-7 * Neighborhood StoneBr - 2.27E-7 * Neighborhood Timber + 1.94E-9 * GrLlvArea*Neighborhood Blmgtn - 1.33E-9 * GrLlvArea*Neighborhood Blueste + 1.95E-9 * GrLlvArea*Neighborhood BrDale + 1.94E-9 * GrLlvArea*Neighborhood BrkSide + 1.94E-9 * GrLlvArea*Neighborhood ClearCr + 1.94E-9 * GrLlvArea*Neighborhood CollgCr + 1.94E-9 * GrLlvArea*Neighborhood Crawfor + 1.94E-9 * GrLlvArea*Neighborhood Edwards + 1.94E-9 * GrLlvArea*Neighborhood Gilbert + 1.94E-9 * GrLlvArea*Neighborhood IDOTRR + 1.94E-9 * GrLlvArea*Neighborhood MeadowV + 1.94E-9 * GrLlvArea*Neighborhood Mitchel + 1.94E-9 * GrLlvArea*Neighborhood NAmes + 1.95E-9 * GrLlvArea*Neighborhood NPkVill + 1.94E-9 * GrLlvArea*Neighborhood NWAmes + 1.94E-9 * GrLlvArea*Neighborhood NoRidge + 1.94E-9 * GrLlvArea*Neighborhood NridgHt + 1.94E-9 * GrLlvArea*Neighborhood OldTown + 1.94E-9 * GrLlvArea*Neighborhood SWISU + 1.94E-9 * GrLlvArea*Neighborhood Sawyer + 1.94E-9 * GrLlvArea*Neighborhood SawyerW + 1.94E-9 * GrLlvArea*Neighborhood Somerset + 1.94E-9 * GrLlvArea*Neighborhood StoneBr + 1.94E-9 * GrLlvArea*Neighborhood Timber - 271E-16 * LotArea*Neighborhood Blmgtn - 272E-16 * LotArea*Neighborhood BrDale - 273E-16 * LotArea*Neighborhood BrkSide - 273E-16 * LotArea*Neighborhood ClearCr - 273E-16 * LotArea*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbor*HouseStyle
NoRidge 2St =

CollgCr - 273E-16 * LotArea*Neighborhood
Crawfor - 273E-16 * LotArea*Neighborhood
Edwards - 273E-16 * LotArea*Neighborhood
Gilbert - 273E-16 * LotArea*Neighborhood
IDOTRR - 273E-16 * LotArea*Neighborhood
MeadowV - 273E-16 * LotArea*Neighborhood
Mitchel - 273E-16 * LotArea*Neighborhood
NAmes - 273E-16 * LotArea*Neighborhood
NPKVill - 273E-16 * LotArea*Neighborhood
NWAmes - 273E-16 * LotArea*Neighborhood
NoRidge - 273E-16 * LotArea*Neighborhood
NridgHt - 273E-16 * LotArea*Neighborhood
OldTown - 273E-16 * LotArea*Neighborhood
SWISU - 273E-16 * LotArea*Neighborhood
Sawyer - 273E-16 * LotArea*Neighborhood
SawyerW - 273E-16 * LotArea*Neighborhood
Somerst - 273E-16 * LotArea*Neighborhood
StoneBr - 273E-16 * LotArea*Neighborhood
Timber + 303E-12 * OverallCo*Neighborho
BrDale + 303E-12 * OverallCo*Neighborho
BrkSide + 303E-12 * OverallCo*Neighborho
ClearCr + 303E-12 * OverallCo*Neighborho
CollgCr + 303E-12 * OverallCo*Neighborho
Crawfor + 303E-12 * OverallCo*Neighborho
Edwards + 303E-12 * OverallCo*Neighborho
Gilbert + 303E-12 * OverallCo*Neighborho
IDOTRR + 303E-12 * OverallCo*Neighborho
MeadowV + 303E-12 * OverallCo*Neighborho
Mitchel + 303E-12 * OverallCo*Neighborho
NAmes + 303E-12 * OverallCo*Neighborho
NPKVill + 303E-12 * OverallCo*Neighborho
NWAmes + 303E-12 * OverallCo*Neighborho
NoRidge + 303E-12 * OverallCo*Neighborho
OldTown + 303E-12 * OverallCo*Neighborho
SWISU + 303E-12 * OverallCo*Neighborho
Sawyer + 303E-12 * OverallCo*Neighborho
SawyerW + 303E-12 * OverallCo*Neighborho
Somerst + 303E-12 * OverallCo*Neighborho
StoneBr + 302E-12 * OverallCo*Neighborho
Timber + 108E-12 * YearBuilt*Neighborho
Blmngtn + 108E-12 * YearBuilt*Neighborho
BrDale + 108E-12 * YearBuilt*Neighborho
BrkSide + 108E-12 * YearBuilt*Neighborho
ClearCr + 108E-12 * YearBuilt*Neighborho
CollgCr + 108E-12 * YearBuilt*Neighborho
Crawfor + 108E-12 * YearBuilt*Neighborho
Edwards + 108E-12 * YearBuilt*Neighborho
Gilbert + 108E-12 * YearBuilt*Neighborho
IDOTRR + 108E-12 * YearBuilt*Neighborho
MeadowV + 108E-12 * YearBuilt*Neighborho
Mitchel + 108E-12 * YearBuilt*Neighborho
NAmes + 107E-12 * YearBuilt*Neighborho
NPKVill + 108E-12 * YearBuilt*Neighborho
NWAmes + 108E-12 * YearBuilt*Neighborho
NoRidge + 108E-12 * YearBuilt*Neighborho
NridgHt + 108E-12 * YearBuilt*Neighborho
OldTown + 108E-12 * YearBuilt*Neighborho
SWISU + 108E-12 * YearBuilt*Neighborho
Sawyer + 108E-12 * YearBuilt*Neighborho
SawyerW + 108E-12 * YearBuilt*Neighborho
Somerst + 108E-12 * YearBuilt*Neighborho
StoneBr + 108E-12 * YearBuilt*Neighborho
Timber - 144E-14 * MasVnrAre*Neighborho
Blmngtn - 144E-14 * MasVnrAre*Neighborho
BrDale - 144E-14 * MasVnrAre*Neighborho
BrkSide - 144E-14 * MasVnrAre*Neighborho
ClearCr - 144E-14 * MasVnrAre*Neighborho
CollgCr - 144E-14 * MasVnrAre*Neighborho
Crawfor - 144E-14 * MasVnrAre*Neighborho

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborh*HouseStyle NoRidge 2St =	Edwards - 144E-14 * MasVnrAre*Neighborho Gilbert - 144E-14 * MasVnrAre*Neighborho IDOTRR - 142E-14 * MasVnrAre*Neighborho MeadowV - 144E-14 * MasVnrAre*Neighborho Mitchel - 144E-14 * MasVnrAre*Neighborho NAmes - 144E-14 * MasVnrAre*Neighborho NWAmes - 144E-14 * MasVnrAre*Neighborho NoRidge - 144E-14 * MasVnrAre*Neighborho NridgHt - 144E-14 * MasVnrAre*Neighborho OldTown - 144E-14 * MasVnrAre*Neighborho SWISU - 144E-14 * MasVnrAre*Neighborho Sawyer - 144E-14 * MasVnrAre*Neighborho SawyerW - 144E-14 * MasVnrAre*Neighborho Somerst - 144E-14 * MasVnrAre*Neighborho StoneBr - 144E-14 * MasVnrAre*Neighborho Timber - 813E-15 * TotalBsmt*Neighborho Blmgtn - 824E-15 * TotalBsmt*Neighborho BrDale - 813E-15 * TotalBsmt*Neighborho BrkSide - 813E-15 * TotalBsmt*Neighborho ClearCr - 813E-15 * TotalBsmt*Neighborho CollgCr - 813E-15 * TotalBsmt*Neighborho Crawfor - 813E-15 * TotalBsmt*Neighborho Edwards - 813E-15 * TotalBsmt*Neighborho Gilbert - 813E-15 * TotalBsmt*Neighborho IDOTRR - 81E-14 * TotalBsmt*Neighborho MeadowV - 813E-15 * TotalBsmt*Neighborho Mitchel - 813E-15 * TotalBsmt*Neighborho NAmes - 813E-15 * TotalBsmt*Neighborho NPkVill - 813E-15 * TotalBsmt*Neighborho NWAmes - 813E-15 * TotalBsmt*Neighborho NoRidge - 813E-15 * TotalBsmt*Neighborho NridgHt - 813E-15 * TotalBsmt*Neighborho OldTown - 812E-15 * TotalBsmt*Neighborho SWISU - 813E-15 * TotalBsmt*Neighborho Sawyer - 813E-15 * TotalBsmt*Neighborho SawyerW - 813E-15 * TotalBsmt*Neighborho Somerst - 813E-15 * TotalBsmt*Neighborho StoneBr - 813E-15 * TotalBsmt*Neighborho Timber - 627E-12 * FullBath*Neighborhoo Blmgtn - 628E-12 * FullBath*Neighborhoo BrDale - 628E-12 * FullBath*Neighborhoo BrkSide - 628E-12 * FullBath*Neighborhoo ClearCr - 627E-12 * FullBath*Neighborhoo CollgCr - 628E-12 * FullBath*Neighborhoo Crawfor - 627E-12 * FullBath*Neighborhoo Edwards - 627E-12 * FullBath*Neighborhoo Gilbert - 627E-12 * FullBath*Neighborhoo IDOTRR - 629E-12 * FullBath*Neighborhoo MeadowV - 627E-12 * FullBath*Neighborhoo Mitchel - 627E-12 * FullBath*Neighborhoo NAmes - 627E-12 * FullBath*Neighborhoo NWAmes - 627E-12 * FullBath*Neighborhoo NoRidge - 628E-12 * FullBath*Neighborhoo NridgHt - 628E-12 * FullBath*Neighborhoo OldTown - 628E-12 * FullBath*Neighborhoo SWISU - 627E-12 * FullBath*Neighborhoo Sawyer - 627E-12 * FullBath*Neighborhoo SawyerW - 628E-12 * FullBath*Neighborhoo Somerst - 628E-12 * FullBath*Neighborhoo StoneBr - 628E-12 * FullBath*Neighborhoo Timber + 152E-12 * Fireplace*Neighborho Blmgtn + 152E-12 * Fireplace*Neighborho BrDale + 152E-12 * Fireplace*Neighborho BrkSide + 152E-12 * Fireplace*Neighborho ClearCr + 152E-12 * Fireplace*Neighborho CollgCr + 152E-12 * Fireplace*Neighborho Crawfor + 152E-12 * Fireplace*Neighborho Edwards + 152E-12 * Fireplace*Neighborho Gilbert + 152E-12 * Fireplace*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle NoRidge 2St =	IDOTRR + 153E-12 * Fireplace*Neighborho MeadowV + 152E-12 * Fireplace*Neighborho Mitchel + 152E-12 * Fireplace*Neighborho NAmes + 152E-12 * Fireplace*Neighborho NPkVill + 152E-12 * Fireplace*Neighborho NWAmes + 152E-12 * Fireplace*Neighborho NoRidge + 152E-12 * Fireplace*Neighborho NridgHt + 152E-12 * Fireplace*Neighborho OldTown + 152E-12 * Fireplace*Neighborho SWISU + 152E-12 * Fireplace*Neighborho Sawyer + 152E-12 * Fireplace*Neighborho SawyerW + 152E-12 * Fireplace*Neighborho Somerst + 152E-12 * Fireplace*Neighborho StoneBr + 152E-12 * Fireplace*Neighborho Timber + 1.87E-9 * Neighborhoo*BldgType Blmngtn 1Fa + 1.87E-9 * Neighborhoo*BldgType CollgCr 1Fa + 1.87E-9 * Neighborhoo*BldgType Crawfor 1Fa + 1.87E-9 * Neighborhoo*BldgType Crawfor 2fm + 1.87E-9 * Neighborhoo*BldgType Edwards 1Fa + 1.87E-9 * Neighborhoo*BldgType Edwards 2fm + 1.87E-9 * Neighborhoo*BldgType IDOTRR 1Fam + 1.87E-9 * Neighborhoo*BldgType IDOTRR 2fmC + 1.87E-9 * Neighborhoo*BldgType Mitchel 1Fa + 1.87E-9 * Neighborhoo*BldgType Mitchel 2fm + 1.87E-9 * Neighborhoo*BldgType NAmes 1Fam + 1.87E-9 * Neighborhoo*BldgType NWAmes 1Fam + 1.87E-9 * Neighborhoo*BldgType NridgHt 1Fa + 1.87E-9 * Neighborhoo*BldgType OldTown 1Fa + 1.87E-9 * Neighborhoo*BldgType OldTown 2fm + 1.87E-9 * Neighborhoo*BldgType Sawyer 1Fam + 1.87E-9 * Neighborhoo*BldgType Sawyer 2fmC + 1.87E-9 * Neighborhoo*BldgType SawyerW 1Fa + 1.87E-9 * Neighborhoo*BldgType Somerst 1Fa + 1.87E-9 * Neighborhoo*BldgType StoneBr 1Fa + 486E-12 * Neighborh*HouseStyle BrkSide 1St + 486E-12 * Neighborh*HouseStyle ClearCr 1St + 486E-12 * Neighborh*HouseStyle CollgCr 1St + 485E-12 * Neighborh*HouseStyle Crawfor 1St + 486E-12 * Neighborh*HouseStyle Edwards 1St + 486E-12 * Neighborh*HouseStyle Gilbert 1St + 485E-12 * Neighborh*HouseStyle IDOTRR 1Sto + 484E-12 * Neighborh*HouseStyle MeadowV 1St + 486E-12 * Neighborh*HouseStyle Mitchel 1St + 486E-12 * Neighborh*HouseStyle NAmes 1Stor + 488E-12 * Neighborh*HouseStyle NPkVill 1St + 486E-12 * Neighborh*HouseStyle NWAmes 1Sto - Neighborh*HouseStyle NoRidge 1.5 - 1 * Neighborh*HouseStyle NoRidge 1St - 485E-12 * Neighborh*HouseStyle NridgHt 1St - 486E-12 * Neighborh*HouseStyle OldTown 1St - 485E-12 * Neighborh*HouseStyle SWISU 1Stor - 486E-12 * Neighborh*HouseStyle Sawyer 1Sto - 486E-12 * Neighborh*HouseStyle SawyerW 1St - 485E-12 * Neighborh*HouseStyle Somerst 1St - 485E-12 * Neighborh*HouseStyle StoneBr 1St - 486E-12 * Neighborh*HouseStyle Timber 1Sto + 269E-14 * GarageCars
Neighborh*HouseStyle NoRidge SFo =	0
Neighborh*HouseStyle NridgHt 1.5 =	0
Neighborh*HouseStyle NridgHt 1.2 =	0
Neighborh*HouseStyle NridgHt 2.5 =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborhood*HouseStyle NridgHt 2.2 =	0
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle NridgHt 2St =	<pre> -5.71E-7 * Intercept + 4.84E-9 * GrLlvArea_I - 673E-16 * Lot Area + 755E-12 * OverallCond + 268E-12 * YearBuilt - 449E-21 * LotArea*YearBuilt - 358E-14 * MasVnrArea - 202E-14 * Total BsmtSF - 1.55E-9 * FullBath - 145E-14 * GrLlvArea_*FullBath + 373E-12 * Fireplaces + 848E-15 * GrLlvArea*Fireplaces + 477E-14 * LotConfig Corner - 401E-13 * LotConfig CulDSac + 619E-13 * LotConfig FR2 - 263E-17 * YearBuilt*LotConfig Corner + 206E-16 * YearBuilt*LotConfig CulDSac - 297E-16 * YearBuilt*LotConfig FR2 + 4.65E-9 * BldgType 1Fam + 4.65E-9 * HouseStyle 1.5Unf + 1.21E-9 * HouseStyle 1Story + 4.67E-9 * HouseStyle 2.5Fin + 4.65E-9 * HouseStyle 2.5Unf + 343E-14 * HouseStyle 2Story - 4.65E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 4.66E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 4.65E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 4.65E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 4.65E-9 * BldgType*HouseStyle 2fmCon 1Stor + 4.65E-9 * BldgType*HouseStyle 2fmCon 2Stor + 5.67E-7 * Neighborhood Blmgtn - 2.06E-8 * Neighborhood Blueste + 5.71E-7 * Neighborhood BrDale + 5.66E-7 * Neighborhood BrkSide + 5.66E-7 * Neighborhood ClearCr + 5.71E-7 * Neighborhood CollgCr + 5.71E-7 * Neighborhood Crawfor + 5.71E-7 * Neighborhood Edwards + 5.66E-7 * Neighborhood Gilbert + 5.71E-7 * Neighborhood IDOTRR + 5.71E-7 * Neighborhood MeadowV + 5.71E-7 * Neighborhood Mitchel + 5.71E-7 * Neighborhood NAmes + 5.71E-7 * Neighborhood NPKVill + 5.71E-7 * Neighborhood NWAmes + 5.66E-7 * Neighborhood NoRidge + 1 * Neighborhood NridgHt + 5.71E-7 * Neighborhood OldTown + 5.66E-7 * Neighborhood SWISU + 5.71E-7 * Neighborhood Sawyer + 5.71E-7 * Neighborhood SawyerW + 5.71E-7 * Neighborhood Somerset + 5.71E-7 * Neighborhood StoneBr + 5.66E-7 * Neighborhood Timber - 4.84E-9 * GrLlvArea*Neighborho Blmgtn + 3.31E-9 * GrLlvArea*Neighborho Blueste - 4.85E-9 * GrLlvArea*Neighborho BrDale - 4.84E-9 * GrLlvArea*Neighborho BrkSide - 4.84E-9 * GrLlvArea*Neighborho ClearCr - 4.84E-9 * GrLlvArea*Neighborho CollgCr - 4.84E-9 * GrLlvArea*Neighborho Crawfor - 4.84E-9 * GrLlvArea*Neighborho Edwards - 4.84E-9 * GrLlvArea*Neighborho Gilbert - 4.84E-9 * GrLlvArea*Neighborho IDOTRR - 4.84E-9 * GrLlvArea*Neighborho MeadowV - 4.84E-9 * GrLlvArea*Neighborho Mitchel - 4.84E-9 * GrLlvArea*Neighborho NAmes - 4.86E-9 * GrLlvArea*Neighborho NPKVill - 4.84E-9 * GrLlvArea*Neighborho NWAmes - 4.84E-9 * GrLlvArea*Neighborho NoRidge - 4.84E-9 * GrLlvArea*Neighborho NridgHt - 4.84E-9 * GrLlvArea*Neighborho OldTown - 4.84E-9 * GrLlvArea*Neighborho SWISU - 4.84E-9 * GrLlvArea*Neighborho Sawyer - 4.84E-9 * GrLlvArea*Neighborho SawyerW - 4.84E-9 * GrLlvArea*Neighborho Somerset - 4.84E-9 * GrLlvArea*Neighborho StoneBr - 4.84E-9 * GrLlvArea*Neighborho Timber + 654E-16 * LotArea*Neighborhood Blmgtn + 68E-15 * LotArea*Neighborhood BrDale + 681E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighbhor*HouseStyle NridgHt 2St =	BrkSide + 681E-16 * LotArea*Neighborhood ClearCr + 681E-16 * LotArea*Neighborhood CollgCr + 681E-16 * LotArea*Neighborhood Crawfor + 681E-16 * LotArea*Neighborhood Edwards + 681E-16 * LotArea*Neighborhood Gilbert + 681E-16 * LotArea*Neighborhood IDOTRR + 678E-16 * LotArea*Neighborhood MeadowV + 681E-16 * LotArea*Neighborhood Mitchel + 681E-16 * LotArea*Neighborhood NAmes + 676E-16 * LotArea*Neighborhood NPkVill + 68E-15 * LotArea*Neighborhood NWAmes + 681E-16 * LotArea*Neighborhood NoRidge + 681E-16 * LotArea*Neighborhood NridgHt + 681E-16 * LotArea*Neighborhood OldTown + 681E-16 * LotArea*Neighborhood SWISU + 681E-16 * LotArea*Neighborhood Sawyer + 682E-16 * LotArea*Neighborhood SawyerW + 68E-15 * LotArea*Neighborhood Somerst + 681E-16 * LotArea*Neighborhood StoneBr + 681E-16 * LotArea*Neighborhood Timber - 755E-12 * OverallCo*Neighborho BrDale - 755E-12 * OverallCo*Neighborho BrkSide - 754E-12 * OverallCo*Neighborho ClearCr - 755E-12 * OverallCo*Neighborho CollgCr - 754E-12 * OverallCo*Neighborho Crawfor - 755E-12 * OverallCo*Neighborho Edwards - 754E-12 * OverallCo*Neighborho Gilbert - 755E-12 * OverallCo*Neighborho IDOTRR - 755E-12 * OverallCo*Neighborho MeadowV - 755E-12 * OverallCo*Neighborho Mitchel - 754E-12 * OverallCo*Neighborho NAmes - 755E-12 * OverallCo*Neighborho NPkVill - 754E-12 * OverallCo*Neighborho NWAmes - 754E-12 * OverallCo*Neighborho NoRidge - 755E-12 * OverallCo*Neighborho OldTown - 755E-12 * OverallCo*Neighborho SWISU - 755E-12 * OverallCo*Neighborho Sawyer - 755E-12 * OverallCo*Neighborho SawyerW - 754E-12 * OverallCo*Neighborho Somerst - 754E-12 * OverallCo*Neighborho StoneBr - 753E-12 * OverallCo*Neighborho Timber - 269E-12 * YearBuilt*Neighborho Blmngtn - 269E-12 * YearBuilt*Neighborho BrDale - 268E-12 * YearBuilt*Neighborho BrkSide - 268E-12 * YearBuilt*Neighborho ClearCr - 268E-12 * YearBuilt*Neighborho CollgCr - 268E-12 * YearBuilt*Neighborho Crawfor - 268E-12 * YearBuilt*Neighborho Edwards - 268E-12 * YearBuilt*Neighborho Gilbert - 268E-12 * YearBuilt*Neighborho IDOTRR - 268E-12 * YearBuilt*Neighborho MeadowV - 268E-12 * YearBuilt*Neighborho Mitchel - 268E-12 * YearBuilt*Neighborho NAmes - 267E-12 * YearBuilt*Neighborho NPkVill - 268E-12 * YearBuilt*Neighborho NWAmes - 268E-12 * YearBuilt*Neighborho NoRidge - 268E-12 * YearBuilt*Neighborho NridgHt - 268E-12 * YearBuilt*Neighborho OldTown - 268E-12 * YearBuilt*Neighborho SWISU - 268E-12 * YearBuilt*Neighborho Sawyer - 268E-12 * YearBuilt*Neighborho SawyerW - 268E-12 * YearBuilt*Neighborho Somerst - 268E-12 * YearBuilt*Neighborho StoneBr - 268E-12 * YearBuilt*Neighborho Timber + 358E-14 * MasVnrAre*Neighborho Blmngtn + 358E-14 * MasVnrAre*Neighborho BrDale + 359E-14 * MasVnrAre*Neighborho BrkSide + 358E-14 * MasVnrAre*Neighborho ClearCr + 358E-14 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*HouseStyle NridgHt 2St =	CollgCr + 358E-14 * MasVnrAre*Neighborhood Crawfor + 358E-14 * MasVnrAre*Neighborhood Edwards + 358E-14 * MasVnrAre*Neighborhood Gilbert + 358E-14 * MasVnrAre*Neighborhood IDOTRR + 354E-14 * MasVnrAre*Neighborhood MeadowV + 358E-14 * MasVnrAre*Neighborhood Mitchel + 358E-14 * MasVnrAre*Neighborhood NAmes + 358E-14 * MasVnrAre*Neighborhood NWAmes + 358E-14 * MasVnrAre*Neighborhood NoRidge + 358E-14 * MasVnrAre*Neighborhood NridgHt + 358E-14 * MasVnrAre*Neighborhood OldTown + 358E-14 * MasVnrAre*Neighborhood SWISU + 358E-14 * MasVnrAre*Neighborhood Sawyer + 358E-14 * MasVnrAre*Neighborhood SawyerW + 358E-14 * MasVnrAre*Neighborhood Somerst + 358E-14 * MasVnrAre*Neighborhood StoneBr + 358E-14 * MasVnrAre*Neighborhood Timber + 203E-14 * TotalBsmt*Neighborhood Blmgtn + 204E-14 * TotalBsmt*Neighborhood BrDale + 203E-14 * TotalBsmt*Neighborhood BrkSide + 203E-14 * TotalBsmt*Neighborhood ClearCr + 203E-14 * TotalBsmt*Neighborhood CollgCr + 203E-14 * TotalBsmt*Neighborhood Crawfor + 203E-14 * TotalBsmt*Neighborhood Edwards + 203E-14 * TotalBsmt*Neighborhood Gilbert + 203E-14 * TotalBsmt*Neighborhood IDOTRR + 202E-14 * TotalBsmt*Neighborhood MeadowV + 203E-14 * TotalBsmt*Neighborhood Mitchel + 203E-14 * TotalBsmt*Neighborhood NAmes + 203E-14 * TotalBsmt*Neighborhood NPKVill + 203E-14 * TotalBsmt*Neighborhood NWAmes + 203E-14 * TotalBsmt*Neighborhood NoRidge + 203E-14 * TotalBsmt*Neighborhood NridgHt + 203E-14 * TotalBsmt*Neighborhood OldTown + 203E-14 * TotalBsmt*Neighborhood SWISU + 203E-14 * TotalBsmt*Neighborhood Sawyer + 203E-14 * TotalBsmt*Neighborhood SawyerW + 203E-14 * TotalBsmt*Neighborhood Somerst + 203E-14 * TotalBsmt*Neighborhood StoneBr + 203E-14 * TotalBsmt*Neighborhood Timber + 1.56E-9 * FullBath*Neighborhood Blmgtn + 1.56E-9 * FullBath*Neighborhood BrDale + 1.56E-9 * FullBath*Neighborhood BrkSide + 1.56E-9 * FullBath*Neighborhood ClearCr + 1.56E-9 * FullBath*Neighborhood CollgCr + 1.56E-9 * FullBath*Neighborhood Crawfor + 1.56E-9 * FullBath*Neighborhood Edwards + 1.56E-9 * FullBath*Neighborhood Gilbert + 1.56E-9 * FullBath*Neighborhood IDOTRR + 1.57E-9 * FullBath*Neighborhood MeadowV + 1.56E-9 * FullBath*Neighborhood Mitchel + 1.56E-9 * FullBath*Neighborhood NAmes + 1.56E-9 * FullBath*Neighborhood NWAmes + 1.56E-9 * FullBath*Neighborhood NoRidge + 1.56E-9 * FullBath*Neighborhood NridgHt + 1.56E-9 * FullBath*Neighborhood OldTown + 1.56E-9 * FullBath*Neighborhood SWISU + 1.56E-9 * FullBath*Neighborhood Sawyer + 1.56E-9 * FullBath*Neighborhood SawyerW + 1.56E-9 * FullBath*Neighborhood Somerst + 1.56E-9 * FullBath*Neighborhood StoneBr + 1.57E-9 * FullBath*Neighborhood Timber - 379E-12 * Fireplace*Neighborhood Blmgtn - 378E-12 * Fireplace*Neighborhood BrDale - 378E-12 * Fireplace*Neighborhood BrkSide - 379E-12 * Fireplace*Neighborhood ClearCr - 379E-12 * Fireplace*Neighborhood CollgCr - 379E-12 * Fireplace*Neighborhood Crawfor - 379E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle NridgHt 2St =	Edwards - 379E-12 * Fireplace*Neighborho Gilbert - 379E-12 * Fireplace*Neighborho IDOTRR - 382E-12 * Fireplace*Neighborho MeadowV - 379E-12 * Fireplace*Neighborho Mitchel - 379E-12 * Fireplace*Neighborho NAmes - 379E-12 * Fireplace*Neighborho NPKVill - 379E-12 * Fireplace*Neighborho NWAmes - 379E-12 * Fireplace*Neighborho NoRidge - 379E-12 * Fireplace*Neighborho NridgHt - 379E-12 * Fireplace*Neighborho OldTown - 379E-12 * Fireplace*Neighborho SWISU - 379E-12 * Fireplace*Neighborho Sawyer - 379E-12 * Fireplace*Neighborho SawyerW - 379E-12 * Fireplace*Neighborho Somerst - 379E-12 * Fireplace*Neighborho StoneBr - 379E-12 * Fireplace*Neighborho Timber - 4.65E-9 * Neighborhoo*BldgType Blmgtn 1Fa - 4.65E-9 * Neighborhoo*BldgType CollgCr 1Fa - 4.65E-9 * Neighborhoo*BldgType Crawfor 1Fa - 4.65E-9 * Neighborhoo*BldgType Crawfor 2fm - 4.65E-9 * Neighborhoo*BldgType Edwards 1Fa - 4.65E-9 * Neighborhoo*BldgType Edwards 2fm - 4.65E-9 * Neighborhoo*BldgType IDOTRR 1Fam - 4.65E-9 * Neighborhoo*BldgType IDOTRR 2fmc - 4.65E-9 * Neighborhoo*BldgType Mitchel 1Fa - 4.65E-9 * Neighborhoo*BldgType Mitchel 2fm - 4.65E-9 * Neighborhoo*BldgType NAmes 1Fam - 4.65E-9 * Neighborhoo*BldgType NWAmes 1Fam - 4.65E-9 * Neighborhoo*BldgType NridgHt 1Fa - 4.65E-9 * Neighborhoo*BldgType OldTown 1Fa - 4.65E-9 * Neighborhoo*BldgType OldTown 2fm - 4.65E-9 * Neighborhoo*BldgType Sawyer 1Fam - 4.65E-9 * Neighborhoo*BldgType Sawyer 2fmc - 4.65E-9 * Neighborhoo*BldgType SawyerW 1Fa - 4.65E-9 * Neighborhoo*BldgType Somerst 1Fa - 4.65E-9 * Neighborhoo*BldgType StoneBr 1Fa - 1.21E-9 * Neighborh*HouseStyle BrkSide 1St - 1.21E-9 * Neighborh*HouseStyle ClearCr 1St - 1.21E-9 * Neighborh*HouseStyle CollgCr 1St - 1.21E-9 * Neighborh*HouseStyle Crawfor 1St - 1.21E-9 * Neighborh*HouseStyle Edwards 1St - 1.21E-9 * Neighborh*HouseStyle Gilbert 1St - 1.21E-9 * Neighborh*HouseStyle IDOTRR 1Sto - 1.2E-9 * Neighborh*HouseStyle MeadowV 1St - 1.21E-9 * Neighborh*HouseStyle Mitchel 1St - 1.21E-9 * Neighborh*HouseStyle NAmes 1Sto - 1.22E-9 * Neighborh*HouseStyle NPKVill 1St - 1.21E-9 * Neighborh*HouseStyle NWAmes 1Sto - 1.21E-9 * Neighborh*HouseStyle NoRidge 1St - 1 * Neighborh*HouseStyle NridgHt 1St + 1.21E-9 * Neighborh*HouseStyle OldTown 1St + 1.21E-9 * Neighborh*HouseStyle SWISU 1Sto + 1.21E-9 * Neighborh*HouseStyle Sawyer 1Sto + 1.21E-9 * Neighborh*HouseStyle SawyerW 1St + 1.21E-9 * Neighborh*HouseStyle Somerst 1St + 1.21E-9 * Neighborh*HouseStyle StoneBr 1St + 1.21E-9 * Neighborh*HouseStyle Timber 1Sto - 899E-14 * GarageCars + 289E-17 * YearBuilt*Garage Cars + 251E-14 * GarageCar*Neighborho NAmes + 249E-14 * GarageCar*Neighborho NridgHt
Neighborh*HouseStyle NridgHt SFo =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle OldTown 2.2 =	<pre> 1.07E-8 * Intercept - 915E-13 * GrLlvArea_I + 129E-17 * Lot Area - 142E-13 * OverallCond - 505E-14 * YearBuilt + 68E-15 * MasVnrArea + 383E-16 * TotalBsmtSF + 293E-13 * FullBath - 698E-14 * Fireplaces - 876E-13 * BldgType 1Fam - 876E-13 * HouseStyle 1.5Unf - 229E-13 * HouseStyle 1Story - 88E-12 * HouseStyle 2.5Fin + 1 * HouseStyle 2.5Unf + 875E-13 * BldgType*HouseStyle 1Fam 1.5Unf + 879E-13 * BldgType*HouseStyle 1Fam 2.5Fin + 876E-13 * BldgType*HouseStyle 1Fam 2.5Unf - 875E-13 * BldgType*HouseStyle 2fmCon 1.5Fi - 875E-13 * BldgType*HouseStyle 2fmCon 1Stor - 875E-13 * BldgType*HouseStyle 2fmCon 2Stor - 1.07E-8 * Neighborhood Blmgtn + 388E-12 * Neighborhood Blueste - 1.07E-8 * Neighborhood BrDale - 1.07E-8 * Neighborhood BrkSide - 1.07E-8 * Neighborhood ClearCr - 1.07E-8 * Neighborhood CollgCr - 1.07E-8 * Neighborhood Crawfor - 1.07E-8 * Neighborhood Edwards - 1.07E-8 * Neighborhood Gilbert - 1.07E-8 * Neighborhood IDOTRR - 1.07E-8 * Neighborhood MeadowV - 1.07E-8 * Neighborhood Mitchel - 1.07E-8 * Neighborhood NAmes - 1.08E-8 * Neighborhood NPkVill - 1.07E-8 * Neighborhood NWAmes - 1.07E-8 * Neighborhood NoRidge - 1.07E-8 * Neighborhood NridgHt - 1.07E-8 * Neighborhood OldTown - 1.07E-8 * Neighborhood SWISU - 1.07E-8 * Neighborhood Sawyer - 1.07E-8 * Neighborhood SawyerW - 1.07E-8 * Neighborhood Somerset - 1.07E-8 * Neighborhood StoneBr - 1.07E-8 * Neighborhood Timber + 914E-13 * GrLlvArea*Neighborhood Blmgtn - 624E-13 * GrLlvArea*Neighborhood Blueste + 902E-13 * GrLlvArea*Neighborhood BrDale + 915E-13 * GrLlvArea*Neighborhood BrkSide + 915E-13 * GrLlvArea*Neighborhood ClearCr + 914E-13 * GrLlvArea*Neighborhood CollgCr + 914E-13 * GrLlvArea*Neighborhood Crawfor + 914E-13 * GrLlvArea*Neighborhood Edwards + 914E-13 * GrLlvArea*Neighborhood Gilbert + 914E-13 * GrLlvArea*Neighborhood IDOTRR + 913E-13 * GrLlvArea*Neighborhood MeadowV + 914E-13 * GrLlvArea*Neighborhood Mitchel + 914E-13 * GrLlvArea*Neighborhood NAmes + 911E-13 * GrLlvArea*Neighborhood NPkVill + 914E-13 * GrLlvArea*Neighborhood NWAmes + 914E-13 * GrLlvArea*Neighborhood NoRidge + 914E-13 * GrLlvArea*Neighborhood NridgHt + 914E-13 * GrLlvArea*Neighborhood OldTown + 914E-13 * GrLlvArea*Neighborhood SWISU + 914E-13 * GrLlvArea*Neighborhood Sawyer + 914E-13 * GrLlvArea*Neighborhood SawyerW + 914E-13 * GrLlvArea*Neighborhood Somerset + 914E-13 * GrLlvArea*Neighborhood StoneBr + 915E-13 * GrLlvArea*Neighborhood Timber - 129E-17 * LotArea*Neighborhood BrkSide - 128E-17 * LotArea*Neighborhood ClearCr - 128E-17 * LotArea*Neighborhood CollgCr - 128E-17 * LotArea*Neighborhood Crawfor - 128E-17 * LotArea*Neighborhood Edwards - 128E-17 * LotArea*Neighborhood Gilbert - 128E-17 * LotArea*Neighborhood IDOTRR - 128E-17 * LotArea*Neighborhood Mitchel - 128E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*HouseStyle OldTown 2.2 =	NAmes - 128E-17 * LotArea*Neighborhood NWAmes - 128E-17 * LotArea*Neighborhood NoRidge - 128E-17 * LotArea*Neighborhood NridgHt - 128E-17 * LotArea*Neighborhood OldTown - 128E-17 * LotArea*Neighborhood SWISU - 128E-17 * LotArea*Neighborhood Sawyer - 129E-17 * LotArea*Neighborhood SawyerW - 128E-17 * LotArea*Neighborhood Somerset - 128E-17 * LotArea*Neighborhood StoneBr - 128E-17 * LotArea*Neighborhood Timber + 142E-13 * OverallCo*Neighborhood BrDale + 142E-13 * OverallCo*Neighborhood BrkSide + 142E-13 * OverallCo*Neighborhood ClearCr + 142E-13 * OverallCo*Neighborhood CollgCr + 142E-13 * OverallCo*Neighborhood Crawfor + 142E-13 * OverallCo*Neighborhood Edwards + 142E-13 * OverallCo*Neighborhood Gilbert + 142E-13 * OverallCo*Neighborhood IDOTRR + 142E-13 * OverallCo*Neighborhood MeadowV + 142E-13 * OverallCo*Neighborhood Mitchel + 142E-13 * OverallCo*Neighborhood NAmes + 142E-13 * OverallCo*Neighborhood NPkVill + 142E-13 * OverallCo*Neighborhood NWAmes + 142E-13 * OverallCo*Neighborhood NoRidge + 142E-13 * OverallCo*Neighborhood OldTown + 142E-13 * OverallCo*Neighborhood SWISU + 142E-13 * OverallCo*Neighborhood Sawyer + 142E-13 * OverallCo*Neighborhood SawyerW + 142E-13 * OverallCo*Neighborhood Somerset + 142E-13 * OverallCo*Neighborhood StoneBr + 142E-13 * OverallCo*Neighborhood Timber + 505E-14 * YearBuilt*Neighborhood Blmgtn + 502E-14 * YearBuilt*Neighborhood BrDale + 505E-14 * YearBuilt*Neighborhood BrkSide + 505E-14 * YearBuilt*Neighborhood ClearCr + 505E-14 * YearBuilt*Neighborhood CollgCr + 505E-14 * YearBuilt*Neighborhood Crawfor + 505E-14 * YearBuilt*Neighborhood Edwards + 505E-14 * YearBuilt*Neighborhood Gilbert + 505E-14 * YearBuilt*Neighborhood IDOTRR + 504E-14 * YearBuilt*Neighborhood MeadowV + 505E-14 * YearBuilt*Neighborhood Mitchel + 505E-14 * YearBuilt*Neighborhood NAmes + 505E-14 * YearBuilt*Neighborhood NPkVill + 505E-14 * YearBuilt*Neighborhood NWAmes + 505E-14 * YearBuilt*Neighborhood NoRidge + 504E-14 * YearBuilt*Neighborhood NridgHt + 505E-14 * YearBuilt*Neighborhood OldTown + 505E-14 * YearBuilt*Neighborhood SWISU + 505E-14 * YearBuilt*Neighborhood Sawyer + 505E-14 * YearBuilt*Neighborhood SawyerW + 505E-14 * YearBuilt*Neighborhood Somerset + 505E-14 * YearBuilt*Neighborhood StoneBr + 505E-14 * YearBuilt*Neighborhood Timber - 677E-16 * MasVnrAre*Neighborhood BrDale - 679E-16 * MasVnrAre*Neighborhood ClearCr - 679E-16 * MasVnrAre*Neighborhood CollgCr - 679E-16 * MasVnrAre*Neighborhood Crawfor - 679E-16 * MasVnrAre*Neighborhood Edwards - 679E-16 * MasVnrAre*Neighborhood Gilbert - 679E-16 * MasVnrAre*Neighborhood IDOTRR - 679E-16 * MasVnrAre*Neighborhood Mitchel - 679E-16 * MasVnrAre*Neighborhood NAmes - 679E-16 * MasVnrAre*Neighborhood NWAmes - 679E-16 * MasVnrAre*Neighborhood NoRidge - 679E-16 * MasVnrAre*Neighborhood NridgHt - 679E-16 * MasVnrAre*Neighborhood OldTown - 679E-16 * MasVnrAre*Neighborhood Sawyer - 679E-16 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*HouseStyle OldTown 2.2 =	SawyerW - 679E-16 * MasVnrAre*Neighborhood Somerst - 679E-16 * MasVnrAre*Neighborhood StoneBr - 679E-16 * MasVnrAre*Neighborhood Timber - 383E-16 * TotalBsmt*Neighborhood Blmgtn - 368E-16 * TotalBsmt*Neighborhood BrDale - 383E-16 * TotalBsmt*Neighborhood BrkSide - 383E-16 * TotalBsmt*Neighborhood ClearCr - 383E-16 * TotalBsmt*Neighborhood CollgCr - 383E-16 * TotalBsmt*Neighborhood Crawfor - 383E-16 * TotalBsmt*Neighborhood Edwards - 383E-16 * TotalBsmt*Neighborhood Gilbert - 383E-16 * TotalBsmt*Neighborhood IDOTRR - 382E-16 * TotalBsmt*Neighborhood MeadowV - 383E-16 * TotalBsmt*Neighborhood Mitchel - 383E-16 * TotalBsmt*Neighborhood NAmes - 383E-16 * TotalBsmt*Neighborhood NPkVill - 383E-16 * TotalBsmt*Neighborhood NWAmes - 383E-16 * TotalBsmt*Neighborhood NoRidge - 383E-16 * TotalBsmt*Neighborhood NridgHt - 384E-16 * TotalBsmt*Neighborhood OldTown - 383E-16 * TotalBsmt*Neighborhood SWISU - 383E-16 * TotalBsmt*Neighborhood Sawyer - 383E-16 * TotalBsmt*Neighborhood SawyerW - 383E-16 * TotalBsmt*Neighborhood Somerst - 383E-16 * TotalBsmt*Neighborhood StoneBr - 383E-16 * TotalBsmt*Neighborhood Timber - 295E-13 * FullBath*Neighborhood Blmgtn - 294E-13 * FullBath*Neighborhood BrDale - 295E-13 * FullBath*Neighborhood BrkSide - 295E-13 * FullBath*Neighborhood ClearCr - 295E-13 * FullBath*Neighborhood CollgCr - 295E-13 * FullBath*Neighborhood Crawfor - 295E-13 * FullBath*Neighborhood Edwards - 295E-13 * FullBath*Neighborhood Gilbert - 295E-13 * FullBath*Neighborhood IDOTRR - 296E-13 * FullBath*Neighborhood MeadowV - 295E-13 * FullBath*Neighborhood Mitchel - 295E-13 * FullBath*Neighborhood NAmes - 295E-13 * FullBath*Neighborhood NWAmes - 295E-13 * FullBath*Neighborhood NoRidge - 295E-13 * FullBath*Neighborhood NridgHt - 295E-13 * FullBath*Neighborhood OldTown - 295E-13 * FullBath*Neighborhood SWISU - 295E-13 * FullBath*Neighborhood Sawyer - 295E-13 * FullBath*Neighborhood SawyerW - 295E-13 * FullBath*Neighborhood Somerst - 295E-13 * FullBath*Neighborhood StoneBr - 296E-13 * FullBath*Neighborhood Timber + 708E-14 * Fireplace*Neighborhood BrkSide + 709E-14 * Fireplace*Neighborhood ClearCr + 709E-14 * Fireplace*Neighborhood CollgCr + 709E-14 * Fireplace*Neighborhood Crawfor + 709E-14 * Fireplace*Neighborhood Edwards + 71E-13 * Fireplace*Neighborhood Gilbert + 709E-14 * Fireplace*Neighborhood Mitchel + 709E-14 * Fireplace*Neighborhood NAmes + 709E-14 * Fireplace*Neighborhood NWAmes + 71E-13 * Fireplace*Neighborhood NoRidge + 709E-14 * Fireplace*Neighborhood NridgHt + 709E-14 * Fireplace*Neighborhood OldTown + 709E-14 * Fireplace*Neighborhood SWISU + 709E-14 * Fireplace*Neighborhood Sawyer + 71E-13 * Fireplace*Neighborhood SawyerW + 709E-14 * Fireplace*Neighborhood Somerst + 71E-13 * Fireplace*Neighborhood StoneBr + 71E-13 * Fireplace*Neighborhood Timber + 875E-13 * Neighborhood*BldgType Blmgtn 1Fa + 876E-13 * Neighborhood*BldgType CollgCr 1Fa + 875E-13 * Neighborhood*BldgType Crawfor
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle OldTown 2.2 =	<pre> 1Fa + 875E-13 * Neighborhoo*BldgType Crawfor 2fm + 875E-13 * Neighborhoo*BldgType Edwards 1Fa + 875E-13 * Neighborhoo*BldgType Edwards 2fm + 876E-13 * Neighborhoo*BldgType IDOTRR 1Fam + 876E-13 * Neighborhoo*BldgType IDOTRR 2fmc + 875E-13 * Neighborhoo*BldgType Mitchel 1Fa + 875E-13 * Neighborhoo*BldgType Mitchel 2fm + 876E-13 * Neighborhoo*BldgType NAmes 1Fam + 876E-13 * Neighborhoo*BldgType NWAmes 1Fam + 876E-13 * Neighborhoo*BldgType NridgHt 1Fa + 876E-13 * Neighborhoo*BldgType OldTown 1Fa + 876E-13 * Neighborhoo*BldgType OldTown 2fm + 876E-13 * Neighborhoo*BldgType Sawyer 1Fam + 876E-13 * Neighborhoo*BldgType Sawyer 2fmc + 876E-13 * Neighborhoo*BldgType SawyerW 1Fa + 875E-13 * Neighborhoo*BldgType Somerst 1Fa + 876E-13 * Neighborhoo*BldgType StoneBr 1Fa + 229E-13 * Neighborh*HouseStyle BrkSide 1St - Neighborh*HouseStyle BrkSide 2.2 + 229E-13 * Neighborh*HouseStyle ClearCr 1St + 229E-13 * Neighborh*HouseStyle CollCr 1St + 229E-13 * Neighborh*HouseStyle Crawfor 1St - Neighborh*HouseStyle Crawfor 2.2 + 229E-13 * Neighborh*HouseStyle Edwards 1St + 229E-13 * Neighborh*HouseStyle Gilbert 1St + 229E-13 * Neighborh*HouseStyle IDOTRR 1Sto - Neighborh*HouseStyle IDOTRR 2.5U + 227E-13 * Neighborh*HouseStyle MeadowV 1St + 229E-13 * Neighborh*HouseStyle Mitchel 1St + 229E-13 * Neighborh*HouseStyle NAmes 1Stor + 228E-13 * Neighborh*HouseStyle NPkVill 1St + 229E-13 * Neighborh*HouseStyle NWAmes 1Sto + 228E-13 * Neighborh*HouseStyle NoRidge 1St + 229E-13 * Neighborh*HouseStyle NridgHt 1St + 229E-13 * Neighborh*HouseStyle OldTown 1St - 228E-13 * Neighborh*HouseStyle SWISU 1Stor - 229E-13 * Neighborh*HouseStyle Sawyer 1Sto - 229E-13 * Neighborh*HouseStyle SawyerW 1St - 229E-13 * Neighborh*HouseStyle Somerst 1St - 229E-13 * Neighborh*HouseStyle StoneBr 1St - 229E-13 * Neighborh*HouseStyle Timber 1Sto </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle OldTown SFo =	<pre> -1.51E-6 * Intercept + 1.28E-8 * GrLlvArea_I - 178E-15 * Lot Area + 1.99E-9 * OverallCond + 708E-12 * YearBuilt - 942E-21 * LotArea*YearBuilt - 948E-14 * MasVnrArea + 773E-18 * GrLlv Area*MasVnrArea - 535E-14 * TotalBsmtSF - 156E-17 * Overall Co*TotalBsmtS - 4.1E-9 * FullBath - 387E-14 * GrLlvArea_I*Full Bath + 983E-12 * Fireplaces + 229E-14 * GrLlvArea*Fireplaces + 121E-13 * LotConfig Corner - 108E-12 * LotConfig CulDSac + 161E-12 * LotConfig FR2 - 529E-13 * LotConfig FR3 - 67E-16 * YearBuilt*LotConfig Corner + 555E-16 * YearBuilt*LotConfig CulDSac - 772E-16 * YearBuilt*LotConfig FR2 + 266E-16 * YearBuilt*LotConfig FR3 + 1.23E-8 * BldgType 1Fam - 113E-13 * BldgType Twnhs + 359E-14 * HouseStyle 1.5Fin + 1.23E-8 * HouseStyle 1.5Unf + 3.2E-9 * HouseStyle 1Story + 1.23E-8 * HouseStyle 2.5Fin - 1 * HouseStyle 2.5Unf + 86E-13 * HouseStyle 2Story + 366E-14 * HouseStyle SFoyer + 246E-18 * LotArea*HouseStyle 1.5Fin + 253E-18 * LotArea*HouseStyle 1Story - 213E-17 * LotArea*HouseStyle 2.5Fin + 807E-18 * LotArea*HouseStyle 2.5Unf + 288E-18 * LotArea*HouseStyle 2Story - 179E-14 * Fireplace*HouseStyle 1.5Fin - 966E-15 * Fireplace*HouseStyle 1Story - 132E-14 * Fireplace*HouseStyle 2Story - 275E-14 * BldgType*HouseStyle 1Fam 1.5Fin - 1.23E-8 * BldgType*HouseStyle 1Fam 1.5Unf - 159E-14 * BldgType*HouseStyle 1Fam 1Story - 1.23E-8 * BldgType*HouseStyle 1Fam 2.5Fin - 1.23E-8 * BldgType*HouseStyle 1Fam 2.5Unf - 146E-14 * BldgType*HouseStyle 1Fam 2Story + 1.23E-8 * BldgType*HouseStyle 2fmCon 1.5Fi + 1.23E-8 * BldgType*HouseStyle 2fmCon 1Stor + 1.23E-8 * BldgType*HouseStyle 2fmCon 2Stor + 941E-14 * BldgType*HouseStyle Twnhs 1Story + 864E-14 * BldgType*HouseStyle Twnhs 2Story + 1.49E-6 * Neighborhood Blmngtn - 5.43E-8 * Neighborhood Blueste + 1.5E-6 * Neighborhood BrDale + 1.49E-6 * Neighborhood BrkSide + 1.49E-6 * Neighborhood ClearCr + 1.51E-6 * Neighborhood CollgCr + 1.51E-6 * Neighborhood Crawfor + 1.51E-6 * Neighborhood Edwards + 1.49E-6 * Neighborhood Gilbert + 1.51E-6 * Neighborhood IDOTRR + 1.51E-6 * Neighborhood MeadowV + 1.51E-6 * Neighborhood Mitchel + 1.51E-6 * Neighborhood NAmes + 1.51E-6 * Neighborhood NPkVill + 1.51E-6 * Neighborhood NWAmes + 1.49E-6 * Neighborhood NoRidge + 1.5E-6 * Neighborhood NridgHt + 1 * Neighborhood OldTown + 1.49E-6 * Neighborhood SWISU + 1.51E-6 * Neighborhood Sawyer + 1.51E-6 * Neighborhood SawyerW + 1.51E-6 * Neighborhood Somerset + 1.51E-6 * Neighborhood StoneBr + 1.49E-6 * Neighborhood Timber - 1.28E-8 * GrLlvArea*Neighborho Blmngtn + 8.74E-9 * GrLlvArea*Neighborho Blueste - 1.28E-8 * GrLlvArea*Neighborho BrDale - 1.28E-8 * GrLlvArea*Neighborho BrkSide - 1.28E-8 * GrLlvArea*Neighborho ClearCr - 1.28E-8 * GrLlvArea*Neighborho CollgCr - 1.28E-8 * GrLlvArea*Neighborho Crawfor - 1.28E-8 * GrLlvArea*Neighborho Edwards - 1.28E-8 * GrLlvArea*Neighborho Gilbert - 1.28E-8 * GrLlvArea*Neighborho IDOTRR - 1.28E-8 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle OldTown SFo =	MeadowV - 1.28E-8 * GrLlvArea*Neighborhood Mitchel - 1.28E-8 * GrLlvArea*Neighborhood NAmes - 1.28E-8 * GrLlvArea*Neighborhood NPkVill - 1.28E-8 * GrLlvArea*Neighborhood NWAmes - 1.28E-8 * GrLlvArea*Neighborhood NoRidge - 1.28E-8 * GrLlvArea*Neighborhood NridgHt - 1.28E-8 * GrLlvArea*Neighborhood OldTown - 1.28E-8 * GrLlvArea*Neighborhood SWISU - 1.28E-8 * GrLlvArea*Neighborhood Sawyer - 1.28E-8 * GrLlvArea*Neighborhood SawyerW - 1.28E-8 * GrLlvArea*Neighborhood Somerset - 1.28E-8 * GrLlvArea*Neighborhood StoneBr - 1.28E-8 * GrLlvArea*Neighborhood Timber + 18E-14 * LotArea*Neighborhood Blmngtn + 18E-14 * LotArea*Neighborhood BrDale + 18E-14 * LotArea*Neighborhood BrkSide + 18E-14 * LotArea*Neighborhood ClearCr + 18E-14 * LotArea*Neighborhood CollgCr + 18E-14 * LotArea*Neighborhood Crawfor + 18E-14 * LotArea*Neighborhood Edwards + 18E-14 * LotArea*Neighborhood Gilbert + 18E-14 * LotArea*Neighborhood IDOTRR + 18E-14 * LotArea*Neighborhood MeadowV + 18E-14 * LotArea*Neighborhood Mitchel + 18E-14 * LotArea*Neighborhood NAmes + 179E-15 * LotArea*Neighborhood NPkVill + 18E-14 * LotArea*Neighborhood NWAmes + 18E-14 * LotArea*Neighborhood NoRidge + 18E-14 * LotArea*Neighborhood NridgHt + 18E-14 * LotArea*Neighborhood OldTown + 18E-14 * LotArea*Neighborhood SWISU + 18E-14 * LotArea*Neighborhood Sawyer + 18E-14 * LotArea*Neighborhood SawyerW + 179E-15 * LotArea*Neighborhood Somerset + 18E-14 * LotArea*Neighborhood StoneBr + 18E-14 * LotArea*Neighborhood Timber - 1.99E-9 * OverallCo*Neighborhood BrDale - 1.99E-9 * OverallCo*Neighborhood BrkSide - 1.99E-9 * OverallCo*Neighborhood ClearCr - 1.99E-9 * OverallCo*Neighborhood CollgCr - 1.99E-9 * OverallCo*Neighborhood Crawfor - 1.99E-9 * OverallCo*Neighborhood Edwards - 1.99E-9 * OverallCo*Neighborhood Gilbert - 1.99E-9 * OverallCo*Neighborhood IDOTRR - 1.99E-9 * OverallCo*Neighborhood MeadowV - 1.99E-9 * OverallCo*Neighborhood Mitchel - 1.99E-9 * OverallCo*Neighborhood NAmes - 1.99E-9 * OverallCo*Neighborhood NPkVill - 1.99E-9 * OverallCo*Neighborhood NWAmes - 1.99E-9 * OverallCo*Neighborhood NoRidge - 1.99E-9 * OverallCo*Neighborhood OldTown - 1.99E-9 * OverallCo*Neighborhood SWISU - 1.99E-9 * OverallCo*Neighborhood Sawyer - 1.99E-9 * OverallCo*Neighborhood SawyerW - 1.99E-9 * OverallCo*Neighborhood Somerset - 1.99E-9 * OverallCo*Neighborhood StoneBr - 1.99E-9 * OverallCo*Neighborhood Timber - 708E-12 * YearBuilt*Neighborhood Blmngtn - 707E-12 * YearBuilt*Neighborhood BrDale - 708E-12 * YearBuilt*Neighborhood BrkSide - 708E-12 * YearBuilt*Neighborhood ClearCr - 708E-12 * YearBuilt*Neighborhood CollgCr - 708E-12 * YearBuilt*Neighborhood Crawfor - 708E-12 * YearBuilt*Neighborhood Edwards - 708E-12 * YearBuilt*Neighborhood Gilbert - 708E-12 * YearBuilt*Neighborhood IDOTRR - 708E-12 * YearBuilt*Neighborhood MeadowV - 708E-12 * YearBuilt*Neighborhood Mitchel - 708E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle OldTown SFo =	<pre> NAmes - 704E-12 * YearBuilt*Neighborhood NPKVill - 708E-12 * YearBuilt*Neighborhood NWAmes - 708E-12 * YearBuilt*Neighborhood NoRidge - 708E-12 * YearBuilt*Neighborhood NridgHt - 708E-12 * YearBuilt*Neighborhood OldTown - 708E-12 * YearBuilt*Neighborhood SWISU - 708E-12 * YearBuilt*Neighborhood Sawyer - 708E-12 * YearBuilt*Neighborhood SawyerW - 708E-12 * YearBuilt*Neighborhood Somerset - 708E-12 * YearBuilt*Neighborhood StoneBr - 708E-12 * YearBuilt*Neighborhood Timber + 947E-14 * MasVnrAre*Neighborhood Blmgtn + 947E-14 * MasVnrAre*Neighborhood BrDale + 948E-14 * MasVnrAre*Neighborhood BrkSide + 947E-14 * MasVnrAre*Neighborhood ClearCr + 947E-14 * MasVnrAre*Neighborhood CollgCr + 947E-14 * MasVnrAre*Neighborhood Crawfor + 947E-14 * MasVnrAre*Neighborhood Edwards + 947E-14 * MasVnrAre*Neighborhood Gilbert + 947E-14 * MasVnrAre*Neighborhood IDOTRR + 939E-14 * MasVnrAre*Neighborhood MeadowV + 947E-14 * MasVnrAre*Neighborhood Mitchel + 947E-14 * MasVnrAre*Neighborhood NAmes + 947E-14 * MasVnrAre*Neighborhood NWAmes + 947E-14 * MasVnrAre*Neighborhood NoRidge + 947E-14 * MasVnrAre*Neighborhood NridgHt + 947E-14 * MasVnrAre*Neighborhood OldTown + 947E-14 * MasVnrAre*Neighborhood SWISU + 947E-14 * MasVnrAre*Neighborhood Sawyer + 947E-14 * MasVnrAre*Neighborhood SawyerW + 947E-14 * MasVnrAre*Neighborhood Somerset + 947E-14 * MasVnrAre*Neighborhood StoneBr + 947E-14 * MasVnrAre*Neighborhood Timber + 536E-14 * TotalBsmt*Neighborhood Blmgtn + 532E-14 * TotalBsmt*Neighborhood BrDale + 536E-14 * TotalBsmt*Neighborhood BrkSide + 536E-14 * TotalBsmt*Neighborhood ClearCr + 536E-14 * TotalBsmt*Neighborhood CollgCr + 536E-14 * TotalBsmt*Neighborhood Crawfor + 536E-14 * TotalBsmt*Neighborhood Edwards + 536E-14 * TotalBsmt*Neighborhood Gilbert + 536E-14 * TotalBsmt*Neighborhood IDOTRR + 534E-14 * TotalBsmt*Neighborhood MeadowV + 536E-14 * TotalBsmt*Neighborhood Mitchel + 536E-14 * TotalBsmt*Neighborhood NAmes + 536E-14 * TotalBsmt*Neighborhood NPKVill + 536E-14 * TotalBsmt*Neighborhood NWAmes + 536E-14 * TotalBsmt*Neighborhood NoRidge + 536E-14 * TotalBsmt*Neighborhood NridgHt + 536E-14 * TotalBsmt*Neighborhood OldTown + 535E-14 * TotalBsmt*Neighborhood SWISU + 536E-14 * TotalBsmt*Neighborhood Sawyer + 536E-14 * TotalBsmt*Neighborhood SawyerW + 536E-14 * TotalBsmt*Neighborhood Somerset + 536E-14 * TotalBsmt*Neighborhood StoneBr + 536E-14 * TotalBsmt*Neighborhood Timber + 4.13E-9 * FullBath*Neighborhood Blmgtn + 4.13E-9 * FullBath*Neighborhood BrDale + 4.13E-9 * FullBath*Neighborhood BrkSide + 4.13E-9 * FullBath*Neighborhood ClearCr + 4.13E-9 * FullBath*Neighborhood CollgCr + 4.13E-9 * FullBath*Neighborhood Crawfor + 4.13E-9 * FullBath*Neighborhood Edwards + 4.13E-9 * FullBath*Neighborhood Gilbert + 4.13E-9 * FullBath*Neighborhood IDOTRR + 4.14E-9 * FullBath*Neighborhood MeadowV + 4.13E-9 * FullBath*Neighborhood Mitchel + 4.13E-9 * FullBath*Neighborhood NAmes + 4.13E-9 * FullBath*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*HouseStyle OldTown SFo =	NWAmes + 4.13E-9 * FullBath*Neighborhood NoRidge + 4.13E-9 * FullBath*Neighborhood NridgHt + 4.13E-9 * FullBath*Neighborhood OldTown + 4.13E-9 * FullBath*Neighborhood SWISU + 4.13E-9 * FullBath*Neighborhood Sawyer + 4.13E-9 * FullBath*Neighborhood SawyerW + 4.13E-9 * FullBath*Neighborhood Somerset + 4.13E-9 * FullBath*Neighborhood StoneBr + 4.14E-9 * FullBath*Neighborhood Timber - 998E-12 * Fireplace*Neighborhood Blmngtn - 997E-12 * Fireplace*Neighborhood BrDale - 997E-12 * Fireplace*Neighborhood BrkSide - 999E-12 * Fireplace*Neighborhood ClearCr - 998E-12 * Fireplace*Neighborhood CollgCr - 998E-12 * Fireplace*Neighborhood Crawfor - 999E-12 * Fireplace*Neighborhood Edwards - 999E-12 * Fireplace*Neighborhood Gilbert - 998E-12 * Fireplace*Neighborhood IDOTRR - 1E-9 * Fireplace*Neighborhood MeadowV - 998E-12 * Fireplace*Neighborhood Mitchel - 998E-12 * Fireplace*Neighborhood NAmes - 998E-12 * Fireplace*Neighborhood NPkVill - 999E-12 * Fireplace*Neighborhood NWAmes - 999E-12 * Fireplace*Neighborhood NoRidge - 999E-12 * Fireplace*Neighborhood NridgHt - 998E-12 * Fireplace*Neighborhood OldTown - 998E-12 * Fireplace*Neighborhood SWISU - 999E-12 * Fireplace*Neighborhood Sawyer - 999E-12 * Fireplace*Neighborhood SawyerW - 998E-12 * Fireplace*Neighborhood Somerset - 999E-12 * Fireplace*Neighborhood StoneBr - 1E-9 * Fireplace*Neighborhood Timber - 1.23E-8 * Neighborhood*BldgType Blmngtn 1Fa - 4E-12 * Neighborhood*BldgType BrkSide 1Fa - 1.23E-8 * Neighborhood*BldgType CollgCr 1Fa - 1.23E-8 * Neighborhood*BldgType Crawfor 1Fa - 1.23E-8 * Neighborhood*BldgType Crawfor 2fm - 1.23E-8 * Neighborhood*BldgType Edwards 1Fa - 1.23E-8 * Neighborhood*BldgType Edwards 2fm - 1.23E-8 * Neighborhood*BldgType IDOTRR 1Fam - 1.23E-8 * Neighborhood*BldgType IDOTRR 2fmC + 816E-14 * Neighborhood*BldgType MeadowV Twn - 1.23E-8 * Neighborhood*BldgType Mitchel 1Fa - 1.23E-8 * Neighborhood*BldgType Mitchel 2fm + 81E-13 * Neighborhood*BldgType Mitchel Dup - 1.23E-8 * Neighborhood*BldgType NAmes 1Fam - 115E-13 * Neighborhood*BldgType NPkVill Twn - 1.23E-8 * Neighborhood*BldgType NWAmes 1Fam - 1.23E-8 * Neighborhood*BldgType NridgHt 1Fa - 1.23E-8 * Neighborhood*BldgType OldTown 1Fa - 1.23E-8 * Neighborhood*BldgType OldTown 2fm - 1.23E-8 * Neighborhood*BldgType Sawyer 1Fam - 1.23E-8 * Neighborhood*BldgType Sawyer 2fmC - 1.23E-8 * Neighborhood*BldgType SawyerW 1Fa - 1.23E-8 * Neighborhood*BldgType Somerst 1Fa - 1.23E-8 * Neighborhood*BldgType StoneBr 1Fa + 568E-14 * Neighborhood*HouseStyle BrkSide 1.5 - 3.2E-9 * Neighborhood*HouseStyle BrkSide 1St + Neighborhood*HouseStyle BrkSide 2.2 - 3.2E-9 * Neighborhood*HouseStyle ClearCr 1St - 754E-14 * Neighborhood*HouseStyle ClearCr 2St - 3.2E-9 * Neighborhood*HouseStyle CollgCr 1St - 763E-14 * Neighborhood*HouseStyle CollgCr 2St - 3.19E-9 * Neighborhood*HouseStyle Crawfor 1St + Neighborhood*HouseStyle Crawfor 2.2 - 3.2E-9 * Neighborhood*HouseStyle Edwards 1St - 8E-12 * Neighborhood*HouseStyle Edwards 2St - 3.2E-9 * Neighborhood*HouseStyle Gilbert 1St - 659E-14 * Neighborhood*HouseStyle Gilbert
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle OldTown SFo =	2St + 584E-14 * Neighborh*HouseStyle IDOTRR 1.5F - 3.19E-9 * Neighborh*HouseStyle IDOTRR 1Sto + Neighborh*HouseStyle IDOTRR 2.5U - 3.19E-9 * Neighborh*HouseStyle MeadowV 1St - 97E-13 * Neighborh*HouseStyle MeadowV 2St - 3.2E-9 * Neighborh*HouseStyle Mitchel 1St - 3.2E-9 * Neighborh*HouseStyle NAmes 1Stor - 785E-14 * Neighborh*HouseStyle NAmes 2Stor - 3.22E-9 * Neighborh*HouseStyle NPkVill 1St - 3.2E-9 * Neighborh*HouseStyle NWAmes 1Sto - 732E-14 * Neighborh*HouseStyle NWAmes 2Sto - 3.19E-9 * Neighborh*HouseStyle NoRidge 1St - 3.19E-9 * Neighborh*HouseStyle NridgHt 1St - Neighborh*HouseStyle OldTown 1.5 - Neighborh*HouseStyle OldTown 1.2 - 1 * Neighborh*HouseStyle OldTown 1St - Neighborh*HouseStyle OldTown 2.5 - Neighborh*HouseStyle OldTown 2St - 618E-14 * Neighborh*HouseStyle SWISU 1.5Fi + 3.19E-9 * Neighborh*HouseStyle SWISU 1Stor + 3.2E-9 * Neighborh*HouseStyle Sawyer 1Sto + 847E-14 * Neighborh*HouseStyle Sawyer 2Sto + 3.2E-9 * Neighborh*HouseStyle SawyerW 1St + 696E-14 * Neighborh*HouseStyle SawyerW 2St + 3.19E-9 * Neighborh*HouseStyle Somerst 1St + 3.19E-9 * Neighborh*HouseStyle StoneBr 1St + 3.2E-9 * Neighborh*HouseStyle Timber 1Sto - 192E-13 * GarageCars + 569E-17 * YearBuilt*Garage Cars + 491E-15 * GarageCars*BldgType 1Fam + 132E-14 * GarageCar*HouseStyle 1Story - 951E-14 * GarageCar*HouseStyle 2.5Fin + 997E-15 * GarageCar*HouseStyle 2Story + 162E-14 * GarageCar*HouseStyle SFoyer + 692E-14 * GarageCar*Neighborho Blmngtn + 887E-14 * GarageCar*Neighborho BrDale + 803E-14 * GarageCar*Neighborho BrkSide + 777E-14 * GarageCar*Neighborho ClearCr + 562E-14 * GarageCar*Neighborho CollgCr + 621E-14 * GarageCar*Neighborho Crawfor + 621E-14 * GarageCar*Neighborho Edwards + 759E-14 * GarageCar*Neighborho Gilbert + 708E-14 * GarageCar*Neighborho IDOTRR + 699E-14 * GarageCar*Neighborho MeadowV + 7E-12 * GarageCar*Neighborho Mitchel + 655E-14 * GarageCar*Neighborho NAmes + 627E-14 * GarageCar*Neighborho NoRidge + 662E-14 * GarageCar*Neighborho NridgHt + 737E-14 * GarageCar*Neighborho OldTown + 733E-14 * GarageCar*Neighborho SWISU + 694E-14 * GarageCar*Neighborho Sawyer + 678E-14 * GarageCar*Neighborho SawyerW + 635E-14 * GarageCar*Neighborho Somerst + 405E-14 * GarageCar*Neighborho StoneBr
Neighborh*HouseStyle SWISU 1.5Un =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle SWISU 2.5Fi =	<pre> -1.65E-8 * Intercept + 14E-11 * GrLlvArea_I - 196E-17 * Lot Area + 218E-13 * OverallCond + 774E-14 * YearBuilt - 103E-15 * MasVnrArea - 584E-16 * TotalBsmtSF - 448E-13 * FullBath + 108E-13 * Fireplaces + 134E-12 * BldgType 1Fam + 134E-12 * HouseStyle 1.5Unf + 35E-12 * HouseStyle 1Story + 1 * HouseStyle 2.5Fin + 134E-12 * HouseStyle 2.5Unf - 134E-12 * BldgType*HouseStyle 1Fam 1.5Unf - 134E-12 * BldgType*HouseStyle 1Fam 2.5Fin - 134E-12 * BldgType*HouseStyle 1Fam 2.5Unf + 134E-12 * BldgType*HouseStyle 2fmCon 1.5Fi + 134E-12 * BldgType*HouseStyle 2fmCon 1Stor + 134E-12 * BldgType*HouseStyle 2fmCon 2Stor + 1.63E-8 * Neighborhood Blmgtn - 594E-12 * Neighborhood Blueste + 1.64E-8 * Neighborhood BrDale + 1.63E-8 * Neighborhood BrkSide + 1.63E-8 * Neighborhood ClearCr + 1.65E-8 * Neighborhood CollgCr + 1.65E-8 * Neighborhood Crawfor + 1.65E-8 * Neighborhood Edwards + 1.63E-8 * Neighborhood Gilbert + 1.65E-8 * Neighborhood IDOTRR + 1.65E-8 * Neighborhood MeadowV + 1.65E-8 * Neighborhood Mitchel + 1.65E-8 * Neighborhood NAmes + 1.64E-8 * Neighborhood NPkVill + 1.65E-8 * Neighborhood NWAmes + 1.63E-8 * Neighborhood NoRidge + 1.63E-8 * Neighborhood NridgHt + 1.65E-8 * Neighborhood OldTown + 1.63E-8 * Neighborhood SWISU + 1.65E-8 * Neighborhood Sawyer + 1.65E-8 * Neighborhood SawyerW + 1.65E-8 * Neighborhood Somerset + 1.65E-8 * Neighborhood StoneBr + 1.63E-8 * Neighborhood Timber - 14E-11 * GrLlvArea*Neighborho Blmgtn + 955E-13 * GrLlvArea*Neighborho Blueste - 14E-11 * GrLlvArea*Neighborho BrDale - 14E-11 * GrLlvArea*Neighborho BrkSide - 14E-11 * GrLlvArea*Neighborho ClearCr - 14E-11 * GrLlvArea*Neighborho CollgCr - 14E-11 * GrLlvArea*Neighborho Crawfor - 14E-11 * GrLlvArea*Neighborho Edwards - 14E-11 * GrLlvArea*Neighborho Gilbert - 14E-11 * GrLlvArea*Neighborho IDOTRR - 14E-11 * GrLlvArea*Neighborho MeadowV - 14E-11 * GrLlvArea*Neighborho Mitchel - 14E-11 * GrLlvArea*Neighborho NAmes - 14E-11 * GrLlvArea*Neighborho NPkVill - 14E-11 * GrLlvArea*Neighborho NWAmes - 14E-11 * GrLlvArea*Neighborho NoRidge - 14E-11 * GrLlvArea*Neighborho NridgHt - 14E-11 * GrLlvArea*Neighborho OldTown - 14E-11 * GrLlvArea*Neighborho SWISU - 14E-11 * GrLlvArea*Neighborho Sawyer - 14E-11 * GrLlvArea*Neighborho SawyerW - 14E-11 * GrLlvArea*Neighborho Somerset - 14E-11 * GrLlvArea*Neighborho StoneBr - 14E-11 * GrLlvArea*Neighborho Timber + 194E-17 * LotArea*Neighborhood Blmgtn + 197E-17 * LotArea*Neighborhood BrkSide + 197E-17 * LotArea*Neighborhood ClearCr + 197E-17 * LotArea*Neighborhood CollgCr + 196E-17 * LotArea*Neighborhood Crawfor + 196E-17 * LotArea*Neighborhood Edwards + 196E-17 * LotArea*Neighborhood Gilbert + 197E-17 * LotArea*Neighborhood IDOTRR + 196E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle SWISU 2.5Fi =	SWISU - 109E-13 * Fireplace*Neighborho Sawyer - 109E-13 * Fireplace*Neighborho SawyerW - 109E-13 * Fireplace*Neighborho Somerst - 109E-13 * Fireplace*Neighborho StoneBr - 109E-13 * Fireplace*Neighborho Timber - 134E-12 * Neighborhoo*BldgType Blmngtn 1Fa - 134E-12 * Neighborhoo*BldgType CollgCr 1Fa - 134E-12 * Neighborhoo*BldgType Crawfor 1Fa - 134E-12 * Neighborhoo*BldgType Crawfor 2fm - 134E-12 * Neighborhoo*BldgType Edwards 1Fa - 134E-12 * Neighborhoo*BldgType Edwards 2fm - 134E-12 * Neighborhoo*BldgType IDOTRR 1Fam - 134E-12 * Neighborhoo*BldgType IDOTRR 2fmC - 134E-12 * Neighborhoo*BldgType Mitchel 1Fa - 134E-12 * Neighborhoo*BldgType Mitchel 2fm - 134E-12 * Neighborhoo*BldgType NAmes 1Fam - 134E-12 * Neighborhoo*BldgType NWAmes 1Fam - 134E-12 * Neighborhoo*BldgType NridgHt 1Fa - 134E-12 * Neighborhoo*BldgType OldTown 1Fa - 134E-12 * Neighborhoo*BldgType OldTown 2fm - 134E-12 * Neighborhoo*BldgType Sawyer 1Fam - 134E-12 * Neighborhoo*BldgType Sawyer 2fmC - 134E-12 * Neighborhoo*BldgType SawyerW 1Fa - 134E-12 * Neighborhoo*BldgType Somerst 1Fa - 134E-12 * Neighborhoo*BldgType StoneBr 1Fa - 349E-13 * Neighborh*HouseStyle BrkSide 1St - 35E-12 * Neighborh*HouseStyle ClearCr 1St - 35E-12 * Neighborh*HouseStyle CollgCr 1St - 349E-13 * Neighborh*HouseStyle Crawfor 1St - Neighborh*HouseStyle Crawfor 2.5 - 35E-12 * Neighborh*HouseStyle Edwards 1St - 35E-12 * Neighborh*HouseStyle Gilbert 1St - 349E-13 * Neighborh*HouseStyle IDOTRR 1Sto - 35E-12 * Neighborh*HouseStyle MeadowV 1St - 35E-12 * Neighborh*HouseStyle Mitchel 1St - 35E-12 * Neighborh*HouseStyle NAmes 1Stor - 352E-13 * Neighborh*HouseStyle NPkVill 1St - 349E-13 * Neighborh*HouseStyle NWAmes 1Sto - 349E-13 * Neighborh*HouseStyle NoRidge 1St - 349E-13 * Neighborh*HouseStyle NridgHt 1St - 35E-12 * Neighborh*HouseStyle OldTown 1St - Neighborh*HouseStyle OldTown 2.5 - 349E-13 * Neighborh*HouseStyle SWISU 1Stor + 35E-12 * Neighborh*HouseStyle Sawyer 1Sto + 35E-12 * Neighborh*HouseStyle SawyerW 1St + 349E-13 * Neighborh*HouseStyle Somerst 1St + 349E-13 * Neighborh*HouseStyle StoneBr 1St + 35E-12 * Neighborh*HouseStyle Timber 1Sto
Neighborh*HouseStyle SWISU 2.5Un =	0

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*HouseStyle SWISU 2Stor =	<pre> 1.98E-7 * Intercept - 1.69E-9 * GrLlvArea_I + 236E-16 * Lot Area - 263E-12 * OverallCond - 932E-13 * YearBuilt + 814E-22 * LotArea*YearBuilt + 125E-14 * MasVnrArea + 707E-15 * Total BsmtSF + 541E-12 * FullBath + 5E-13 * GrLlvArea_H*FullBath - 129E-12 * Fireplaces - 26E-14 * GrLlvArea*Fireplaces + 141E-13 * LotConfig CulDSac - 213E-13 * LotConfig FR2 - 725E-17 * YearBuilt*LotConfig CulDSac + 102E-16 * YearBuilt*LotConfig FR2 - 1.62E-9 * BldgType 1Fam - 1.62E-9 * HouseStyle 1.5Unf - 423E-12 * HouseStyle 1Story - 1 * HouseStyle 2.5Fin - 1.62E-9 * HouseStyle 2.5Unf + 955E-18 * LotArea*HouseStyle 2.5Fin + 1.62E-9 * BldgType*HouseStyle 1Fam 1.5Unf + 1.63E-9 * BldgType*HouseStyle 1Fam 2.5Fin + 1.62E-9 * BldgType*HouseStyle 1Fam 2.5Unf - 1.62E-9 * BldgType*HouseStyle 2fmCon 1.5Fi - 1.62E-9 * BldgType*HouseStyle 2fmCon 1Stor - 1.62E-9 * BldgType*HouseStyle 2fmCon 2Stor - 1.97E-7 * Neighborhood Blmgtn + 7.17E-9 * Neighborhood Blueste - 1.99E-7 * Neighborhood BrDale - 1.97E-7 * Neighborhood BrkSide - 1.97E-7 * Neighborhood ClearCr - 1.98E-7 * Neighborhood CollgCr - 1.98E-7 * Neighborhood Crawfor - 1.98E-7 * Neighborhood Edwards - 1.97E-7 * Neighborhood Gilbert - 1.98E-7 * Neighborhood IDOTRR - 1.98E-7 * Neighborhood MeadowV - 1.98E-7 * Neighborhood Mitchel - 1.98E-7 * Neighborhood NAmes - 1.98E-7 * Neighborhood NPKVill - 1.98E-7 * Neighborhood NWAmes - 1.97E-7 * Neighborhood NoRidge - 1.97E-7 * Neighborhood NridgHt - 1.98E-7 * Neighborhood OldTown + 1 * Neighborhood SWISU - 1.98E-7 * Neighborhood Sawyer - 1.98E-7 * Neighborhood SawyerW - 1.98E-7 * Neighborhood Somerset - 1.98E-7 * Neighborhood StoneBr - 1.97E-7 * Neighborhood Timber + 1.69E-9 * GrLlvArea*Neighborhood Blmgtn - 1.15E-9 * GrLlvArea*Neighborhood Blueste + 1.69E-9 * GrLlvArea*Neighborhood BrDale + 1.69E-9 * GrLlvArea*Neighborhood BrkSide + 1.69E-9 * GrLlvArea*Neighborhood ClearCr + 1.69E-9 * GrLlvArea*Neighborhood CollgCr + 1.69E-9 * GrLlvArea*Neighborhood Crawfor + 1.69E-9 * GrLlvArea*Neighborhood Edwards + 1.69E-9 * GrLlvArea*Neighborhood Gilbert + 1.69E-9 * GrLlvArea*Neighborhood IDOTRR + 1.69E-9 * GrLlvArea*Neighborhood MeadowV + 1.69E-9 * GrLlvArea*Neighborhood Mitchel + 1.69E-9 * GrLlvArea*Neighborhood NAmes + 1.69E-9 * GrLlvArea*Neighborhood NPKVill + 1.69E-9 * GrLlvArea*Neighborhood NWAmes + 1.69E-9 * GrLlvArea*Neighborhood NoRidge + 1.69E-9 * GrLlvArea*Neighborhood NridgHt + 1.69E-9 * GrLlvArea*Neighborhood OldTown + 1.69E-9 * GrLlvArea*Neighborhood SWISU + 1.69E-9 * GrLlvArea*Neighborhood Sawyer + 1.69E-9 * GrLlvArea*Neighborhood SawyerW + 1.69E-9 * GrLlvArea*Neighborhood Somerset + 1.69E-9 * GrLlvArea*Neighborhood StoneBr + 1.69E-9 * GrLlvArea*Neighborhood Timber - 235E-16 * LotArea*Neighborhood Blmgtn - 236E-16 * LotArea*Neighborhood BrDale - 237E-16 * LotArea*Neighborhood BrkSide - 237E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle SWISU 2Stor =	ClearCr - 237E-16 * LotArea*Neighborhood CollgCr - 237E-16 * LotArea*Neighborhood Crawfor - 237E-16 * LotArea*Neighborhood Edwards - 237E-16 * LotArea*Neighborhood Gilbert - 237E-16 * LotArea*Neighborhood IDOTRR - 239E-16 * LotArea*Neighborhood MeadowV - 237E-16 * LotArea*Neighborhood Mitchel - 237E-16 * LotArea*Neighborhood NAmes - 236E-16 * LotArea*Neighborhood NPkVill - 237E-16 * LotArea*Neighborhood NWAmes - 237E-16 * LotArea*Neighborhood NoRidge - 237E-16 * LotArea*Neighborhood NridgHt - 237E-16 * LotArea*Neighborhood OldTown - 237E-16 * LotArea*Neighborhood SWISU - 237E-16 * LotArea*Neighborhood Sawyer - 237E-16 * LotArea*Neighborhood SawyerW - 236E-16 * LotArea*Neighborhood Somerst - 237E-16 * LotArea*Neighborhood StoneBr - 237E-16 * LotArea*Neighborhood Timber + 263E-12 * OverallCo*Neighborho BrDale + 263E-12 * OverallCo*Neighborho BrkSide + 263E-12 * OverallCo*Neighborho ClearCr + 263E-12 * OverallCo*Neighborho CollgCr + 263E-12 * OverallCo*Neighborho Crawfor + 263E-12 * OverallCo*Neighborho Edwards + 263E-12 * OverallCo*Neighborho Gilbert + 263E-12 * OverallCo*Neighborho IDOTRR + 263E-12 * OverallCo*Neighborho MeadowV + 263E-12 * OverallCo*Neighborho Mitchel + 263E-12 * OverallCo*Neighborho NAmes + 263E-12 * OverallCo*Neighborho NPkVill + 263E-12 * OverallCo*Neighborho NWAmes + 263E-12 * OverallCo*Neighborho NoRidge + 263E-12 * OverallCo*Neighborho OldTown + 263E-12 * OverallCo*Neighborho SWISU + 263E-12 * OverallCo*Neighborho Sawyer + 263E-12 * OverallCo*Neighborho SawyerW + 263E-12 * OverallCo*Neighborho Somerst + 263E-12 * OverallCo*Neighborho StoneBr + 262E-12 * OverallCo*Neighborho Timber + 933E-13 * YearBuilt*Neighborho Blmgtn + 934E-13 * YearBuilt*Neighborho BrDale + 932E-13 * YearBuilt*Neighborho BrkSide + 932E-13 * YearBuilt*Neighborho ClearCr + 933E-13 * YearBuilt*Neighborho CollgCr + 932E-13 * YearBuilt*Neighborho Crawfor + 932E-13 * YearBuilt*Neighborho Edwards + 932E-13 * YearBuilt*Neighborho Gilbert + 932E-13 * YearBuilt*Neighborho IDOTRR + 933E-13 * YearBuilt*Neighborho MeadowV + 933E-13 * YearBuilt*Neighborho Mitchel + 933E-13 * YearBuilt*Neighborho NAmes + 927E-13 * YearBuilt*Neighborho NPkVill + 932E-13 * YearBuilt*Neighborho NWAmes + 933E-13 * YearBuilt*Neighborho NoRidge + 932E-13 * YearBuilt*Neighborho NridgHt + 932E-13 * YearBuilt*Neighborho OldTown + 933E-13 * YearBuilt*Neighborho SWISU + 932E-13 * YearBuilt*Neighborho Sawyer + 932E-13 * YearBuilt*Neighborho SawyerW + 932E-13 * YearBuilt*Neighborho Somerst + 932E-13 * YearBuilt*Neighborho StoneBr + 933E-13 * YearBuilt*Neighborho Timber - 125E-14 * MasVnrAre*Neighborho Blmgtn - 125E-14 * MasVnrAre*Neighborho BrDale - 125E-14 * MasVnrAre*Neighborho BrkSide - 125E-14 * MasVnrAre*Neighborho ClearCr - 125E-14 * MasVnrAre*Neighborho CollgCr - 125E-14 * MasVnrAre*Neighborho
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle SWISU 2Stor =	Gilbert + 131E-12 * Fireplace*Neighborho IDOTRR + 132E-12 * Fireplace*Neighborho MeadowV + 131E-12 * Fireplace*Neighborho Mitchel + 131E-12 * Fireplace*Neighborho NAmes + 131E-12 * Fireplace*Neighborho NPkVill + 131E-12 * Fireplace*Neighborho NWAmes + 131E-12 * Fireplace*Neighborho NoRidge + 131E-12 * Fireplace*Neighborho NridgHt + 131E-12 * Fireplace*Neighborho OldTown + 131E-12 * Fireplace*Neighborho SWISU + 131E-12 * Fireplace*Neighborho Sawyer + 131E-12 * Fireplace*Neighborho SawyerW + 131E-12 * Fireplace*Neighborho Somerst + 131E-12 * Fireplace*Neighborho StoneBr + 131E-12 * Fireplace*Neighborho Timber + 1.62E-9 * Neighborhoo*BldgType Blmngtn 1Fa + 1.62E-9 * Neighborhoo*BldgType CollgCr 1Fa + 1.62E-9 * Neighborhoo*BldgType Crawfor 1Fa + 1.62E-9 * Neighborhoo*BldgType Crawfor 2fm + 1.62E-9 * Neighborhoo*BldgType Edwards 1Fa + 1.62E-9 * Neighborhoo*BldgType Edwards 2fm + 1.62E-9 * Neighborhoo*BldgType IDOTRR 1Fam + 1.62E-9 * Neighborhoo*BldgType IDOTRR 2fmC + 1.62E-9 * Neighborhoo*BldgType Mitchel 1Fa + 1.62E-9 * Neighborhoo*BldgType Mitchel 2fm + 1.62E-9 * Neighborhoo*BldgType NAmes 1Fam + 1.62E-9 * Neighborhoo*BldgType NWAmes 1Fam + 1.62E-9 * Neighborhoo*BldgType NridgHt 1Fa + 1.62E-9 * Neighborhoo*BldgType OldTown 1Fa + 1.62E-9 * Neighborhoo*BldgType OldTown 2fm + 1.62E-9 * Neighborhoo*BldgType Sawyer 1Fam + 1.62E-9 * Neighborhoo*BldgType Sawyer 2fmC + 1.62E-9 * Neighborhoo*BldgType SawyerW 1Fa + 1.62E-9 * Neighborhoo*BldgType Somerst 1Fa + 1.62E-9 * Neighborhoo*BldgType StoneBr 1Fa + 422E-12 * Neighborh*HouseStyle BrkSide 1St + 423E-12 * Neighborh*HouseStyle ClearCr 1St + 423E-12 * Neighborh*HouseStyle CollgCr 1St + 422E-12 * Neighborh*HouseStyle Crawfor 1St + Neighborh*HouseStyle Crawfor 2.5 + 422E-12 * Neighborh*HouseStyle Edwards 1St + 422E-12 * Neighborh*HouseStyle Gilbert 1St + 422E-12 * Neighborh*HouseStyle IDOTRR 1Sto + 421E-12 * Neighborh*HouseStyle MeadowV 1St + 422E-12 * Neighborh*HouseStyle Mitchel 1St + 423E-12 * Neighborh*HouseStyle NAmes 1Sto + 425E-12 * Neighborh*HouseStyle NPkVill 1St + 422E-12 * Neighborh*HouseStyle NWAmes 1Sto + 422E-12 * Neighborh*HouseStyle NoRidge 1St + 422E-12 * Neighborh*HouseStyle NridgHt 1St + 422E-12 * Neighborh*HouseStyle OldTown 1St + Neighborh*HouseStyle OldTown 2.5 - Neighborh*HouseStyle SWISU 1.5Fi - 1 * Neighborh*HouseStyle SWISU 1Sto - 423E-12 * Neighborh*HouseStyle Sawyer 1Sto - 422E-12 * Neighborh*HouseStyle SawyerW 1St - 422E-12 * Neighborh*HouseStyle Somerst 1St - 422E-12 * Neighborh*HouseStyle StoneBr 1St - 422E-12 * Neighborh*HouseStyle Timber 1Sto + 364E-14 * GarageCars - 13E-16 * YearBuilt*GarageCars
Neighborh*HouseStyle SWISU SFoye =	0
Neighborh*HouseStyle Sawyer 1.5U =	0
Neighborh*HouseStyle Sawyer 2.5F =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborhood*HouseStyle Sawyer 2.5U =	0
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbhor*HouseStyle SawyerW 1.2 =	<pre> -7.62E-8 * Intercept + 647E-12 * GrLlvArea_I - 902E-17 * Lot Area + 101E-12 * OverallCond + 358E-13 * YearBuilt - 462E-22 * LotArea*YearBuilt - 48E-14 * MasVnrArea - 271E-15 * TotalBsmt SF - 208E-12 * FullBath - 192E-15 * GrLlvArea_I*FullBath + 497E-13 * Fireplaces + 113E-15 * GrLlvArea*Fireplaces - 554E-14 * LotConfig CulDSac + 817E-14 * LotConfig FR2 + 284E-17 * YearBuilt*LotConfig CulDSac - 392E-17 * YearBuilt*LotConfig FR2 + 621E-12 * BldgType 1Fam + 1 * HouseStyle 1.5Unf + 162E-12 * HouseStyle 1Story + 623E-12 * HouseStyle 2.5Fin + 621E-12 * HouseStyle 2.5Unf + 621E-12 * BldgType*HouseStyle 1Fam 1.5Unf - 623E-12 * BldgType*HouseStyle 1Fam 2.5Fin - 621E-12 * BldgType*HouseStyle 1Fam 2.5Unf + 621E-12 * BldgType*HouseStyle 2fmCon 1.5Fi + 621E-12 * BldgType*HouseStyle 2fmCon 1Stor + 621E-12 * BldgType*HouseStyle 2fmCon 2Stor + 7.55E-8 * Neighborhood Blmgtn - 2.75E-9 * Neighborhood Blueste + 7.63E-8 * Neighborhood BrDale + 7.56E-8 * Neighborhood BrkSide + 7.56E-8 * Neighborhood ClearCr + 7.62E-8 * Neighborhood CollgCr + 7.62E-8 * Neighborhood Crawfor + 7.62E-8 * Neighborhood Edwards + 7.56E-8 * Neighborhood Gilbert + 7.62E-8 * Neighborhood IDOTRR + 7.61E-8 * Neighborhood MeadowV + 7.62E-8 * Neighborhood Mitchel + 7.62E-8 * Neighborhood NAmes + 7.62E-8 * Neighborhood NPKVill + 7.62E-8 * Neighborhood NWAmes + 7.56E-8 * Neighborhood NoRidge + 7.57E-8 * Neighborhood NridgHt + 7.62E-8 * Neighborhood OldTown + 7.56E-8 * Neighborhood SWISU + 7.62E-8 * Neighborhood Sawyer + 7.62E-8 * Neighborhood SawyerW + 7.62E-8 * Neighborhood Somerst + 7.62E-8 * Neighborhood StoneBr + 7.56E-8 * Neighborhood Timber - 647E-12 * GrLlvArea*Neighborho Blmgtn + 442E-12 * GrLlvArea*Neighborho Blueste - 648E-12 * GrLlvArea*Neighborho BrDale - 647E-12 * GrLlvArea*Neighborho BrkSide - 647E-12 * GrLlvArea*Neighborho ClearCr - 647E-12 * GrLlvArea*Neighborho CollgCr - 647E-12 * GrLlvArea*Neighborho Crawfor - 647E-12 * GrLlvArea*Neighborho Edwards - 647E-12 * GrLlvArea*Neighborho Gilbert - 647E-12 * GrLlvArea*Neighborho IDOTRR - 645E-12 * GrLlvArea*Neighborho MeadowV - 647E-12 * GrLlvArea*Neighborho Mitchel - 647E-12 * GrLlvArea*Neighborho NAmes - 649E-12 * GrLlvArea*Neighborho NPKVill - 647E-12 * GrLlvArea*Neighborho NWAmes - 647E-12 * GrLlvArea*Neighborho NoRidge - 647E-12 * GrLlvArea*Neighborho NridgHt - 647E-12 * GrLlvArea*Neighborho OldTown - 647E-12 * GrLlvArea*Neighborho SWISU - 647E-12 * GrLlvArea*Neighborho Sawyer - 647E-12 * GrLlvArea*Neighborho SawyerW - 647E-12 * GrLlvArea*Neighborho Somerst - 647E-12 * GrLlvArea*Neighborho StoneBr - 647E-12 * GrLlvArea*Neighborho Timber + 91E-16 * LotArea*Neighborhood Blmgtn + 908E-17 * LotArea*Neighborhood BrDale + 91E-16 * LotArea*Neighborhood BrkSide + 91E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle SawyerW 1.2 =	ClearCr + 91E-16 * LotArea*Neighborhood CollgCr + 909E-17 * LotArea*Neighborhood Crawfor + 909E-17 * LotArea*Neighborhood Edwards + 909E-17 * LotArea*Neighborhood Gilbert + 91E-16 * LotArea*Neighborhood IDOTRR + 878E-17 * LotArea*Neighborhood MeadowV + 909E-17 * LotArea*Neighborhood Mitchel + 91E-16 * LotArea*Neighborhood NAmes + 907E-17 * LotArea*Neighborhood NPkVill + 909E-17 * LotArea*Neighborhood NWAmes + 909E-17 * LotArea*Neighborhood NoRidge + 91E-16 * LotArea*Neighborhood NridgHt + 909E-17 * LotArea*Neighborhood OldTown + 909E-17 * LotArea*Neighborhood SWISU + 909E-17 * LotArea*Neighborhood Sawyer + 91E-16 * LotArea*Neighborhood SawyerW + 908E-17 * LotArea*Neighborhood Somerst + 91E-16 * LotArea*Neighborhood StoneBr + 91E-16 * LotArea*Neighborhood Timber - 101E-12 * OverallCo*Neighborhood BrDale - 101E-12 * OverallCo*Neighborhood BrkSide - 101E-12 * OverallCo*Neighborhood ClearCr - 101E-12 * OverallCo*Neighborhood CollgCr - 101E-12 * OverallCo*Neighborhood Crawfor - 101E-12 * OverallCo*Neighborhood Edwards - 101E-12 * OverallCo*Neighborhood Gilbert - 101E-12 * OverallCo*Neighborhood IDOTRR - 101E-12 * OverallCo*Neighborhood MeadowV - 101E-12 * OverallCo*Neighborhood Mitchel - 101E-12 * OverallCo*Neighborhood NAmes - 101E-12 * OverallCo*Neighborhood NPkVill - 101E-12 * OverallCo*Neighborhood NWAmes - 101E-12 * OverallCo*Neighborhood NoRidge - 101E-12 * OverallCo*Neighborhood OldTown - 101E-12 * OverallCo*Neighborhood SWISU - 101E-12 * OverallCo*Neighborhood Sawyer - 101E-12 * OverallCo*Neighborhood SawyerW - 101E-12 * OverallCo*Neighborhood Somerst - 101E-12 * OverallCo*Neighborhood StoneBr - 101E-12 * OverallCo*Neighborhood Timber - 358E-13 * YearBuilt*Neighborhood Blmgtn - 358E-13 * YearBuilt*Neighborhood BrDale - 358E-13 * YearBuilt*Neighborhood BrkSide - 358E-13 * YearBuilt*Neighborhood ClearCr - 358E-13 * YearBuilt*Neighborhood CollgCr - 358E-13 * YearBuilt*Neighborhood Crawfor - 358E-13 * YearBuilt*Neighborhood Edwards - 358E-13 * YearBuilt*Neighborhood Gilbert - 358E-13 * YearBuilt*Neighborhood IDOTRR - 358E-13 * YearBuilt*Neighborhood MeadowV - 358E-13 * YearBuilt*Neighborhood Mitchel - 358E-13 * YearBuilt*Neighborhood NAmes - 356E-13 * YearBuilt*Neighborhood NPkVill - 358E-13 * YearBuilt*Neighborhood NWAmes - 358E-13 * YearBuilt*Neighborhood NoRidge - 358E-13 * YearBuilt*Neighborhood NridgHt - 358E-13 * YearBuilt*Neighborhood OldTown - 358E-13 * YearBuilt*Neighborhood SWISU - 358E-13 * YearBuilt*Neighborhood Sawyer - 358E-13 * YearBuilt*Neighborhood SawyerW - 358E-13 * YearBuilt*Neighborhood Somerst - 358E-13 * YearBuilt*Neighborhood StoneBr - 358E-13 * YearBuilt*Neighborhood Timber + 479E-15 * MasVnrAre*Neighborhood Blmgtn + 48E-14 * MasVnrAre*Neighborhood BrDale + 48E-14 * MasVnrAre*Neighborhood BrkSide + 479E-15 * MasVnrAre*Neighborhood ClearCr + 479E-15 * MasVnrAre*Neighborhood CollgCr + 479E-15 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle SawyerW 1.2 =	Crawfor + 479E-15 * MasVnrAre*Neighborhood Edwards + 479E-15 * MasVnrAre*Neighborhood Gilbert + 479E-15 * MasVnrAre*Neighborhood IDOTRR + 474E-15 * MasVnrAre*Neighborhood MeadowV + 479E-15 * MasVnrAre*Neighborhood Mitchel + 479E-15 * MasVnrAre*Neighborhood NAmes + 479E-15 * MasVnrAre*Neighborhood NWAmes + 479E-15 * MasVnrAre*Neighborhood NoRidge + 479E-15 * MasVnrAre*Neighborhood NridgHt + 479E-15 * MasVnrAre*Neighborhood OldTown + 479E-15 * MasVnrAre*Neighborhood SWISU + 479E-15 * MasVnrAre*Neighborhood Sawyer + 479E-15 * MasVnrAre*Neighborhood SawyerW + 479E-15 * MasVnrAre*Neighborhood Somerset + 479E-15 * MasVnrAre*Neighborhood StoneBr + 479E-15 * MasVnrAre*Neighborhood Timber + 271E-15 * TotalBsmt*Neighborhood Blmgtn + 272E-15 * TotalBsmt*Neighborhood BrDale + 271E-15 * TotalBsmt*Neighborhood BrkSide + 271E-15 * TotalBsmt*Neighborhood ClearCr + 271E-15 * TotalBsmt*Neighborhood CollgCr + 271E-15 * TotalBsmt*Neighborhood Crawfor + 271E-15 * TotalBsmt*Neighborhood Edwards + 271E-15 * TotalBsmt*Neighborhood Gilbert + 271E-15 * TotalBsmt*Neighborhood IDOTRR + 269E-15 * TotalBsmt*Neighborhood MeadowV + 271E-15 * TotalBsmt*Neighborhood Mitchel + 271E-15 * TotalBsmt*Neighborhood NAmes + 271E-15 * TotalBsmt*Neighborhood NPKVill + 271E-15 * TotalBsmt*Neighborhood NWAmes + 271E-15 * TotalBsmt*Neighborhood NoRidge + 271E-15 * TotalBsmt*Neighborhood NridgHt + 271E-15 * TotalBsmt*Neighborhood OldTown + 271E-15 * TotalBsmt*Neighborhood SWISU + 271E-15 * TotalBsmt*Neighborhood Sawyer + 271E-15 * TotalBsmt*Neighborhood SawyerW + 271E-15 * TotalBsmt*Neighborhood Somerset + 271E-15 * TotalBsmt*Neighborhood StoneBr + 271E-15 * TotalBsmt*Neighborhood Timber + 209E-12 * FullBath*Neighborhood Blmgtn + 209E-12 * FullBath*Neighborhood BrDale + 209E-12 * FullBath*Neighborhood BrkSide + 209E-12 * FullBath*Neighborhood ClearCr + 209E-12 * FullBath*Neighborhood CollgCr + 209E-12 * FullBath*Neighborhood Crawfor + 209E-12 * FullBath*Neighborhood Edwards + 209E-12 * FullBath*Neighborhood Gilbert + 209E-12 * FullBath*Neighborhood IDOTRR + 21E-11 * FullBath*Neighborhood MeadowV + 209E-12 * FullBath*Neighborhood Mitchel + 209E-12 * FullBath*Neighborhood NAmes + 209E-12 * FullBath*Neighborhood NWAmes + 209E-12 * FullBath*Neighborhood NoRidge + 209E-12 * FullBath*Neighborhood NridgHt + 209E-12 * FullBath*Neighborhood OldTown + 209E-12 * FullBath*Neighborhood SWISU + 209E-12 * FullBath*Neighborhood Sawyer + 209E-12 * FullBath*Neighborhood SawyerW + 209E-12 * FullBath*Neighborhood Somerset + 209E-12 * FullBath*Neighborhood StoneBr + 209E-12 * FullBath*Neighborhood Timber - 505E-13 * Fireplace*Neighborhood Blmgtn - 505E-13 * Fireplace*Neighborhood BrDale - 504E-13 * Fireplace*Neighborhood BrkSide - 505E-13 * Fireplace*Neighborhood ClearCr - 505E-13 * Fireplace*Neighborhood CollgCr - 505E-13 * Fireplace*Neighborhood Crawfor - 505E-13 * Fireplace*Neighborhood Edwards - 505E-13 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle SawyerW 1.2 =	Gilbert - 505E-13 * Fireplace*Neighborho IDOTRR - 514E-13 * Fireplace*Neighborho MeadowV - 505E-13 * Fireplace*Neighborho Mitchel - 505E-13 * Fireplace*Neighborho NAmes - 505E-13 * Fireplace*Neighborho NPkVill - 505E-13 * Fireplace*Neighborho NWAmes - 505E-13 * Fireplace*Neighborho NoRidge - 505E-13 * Fireplace*Neighborho NridgHt - 505E-13 * Fireplace*Neighborho OldTown - 505E-13 * Fireplace*Neighborho SWISU - 505E-13 * Fireplace*Neighborho Sawyer - 505E-13 * Fireplace*Neighborho SawyerW - 505E-13 * Fireplace*Neighborho Somerst - 506E-13 * Fireplace*Neighborho StoneBr - 506E-13 * Fireplace*Neighborho Timber - 621E-12 * Neighborhoo*BldgType Blmngtn 1Fa - 621E-12 * Neighborhoo*BldgType CollgCr 1Fa - 621E-12 * Neighborhoo*BldgType Crawfor 1Fa - 621E-12 * Neighborhoo*BldgType Crawfor 2fm - 621E-12 * Neighborhoo*BldgType Edwards 1Fa - 621E-12 * Neighborhoo*BldgType Edwards 2fm - 621E-12 * Neighborhoo*BldgType IDOTRR 1Fam - 621E-12 * Neighborhoo*BldgType IDOTRR 2fmC - 621E-12 * Neighborhoo*BldgType Mitchel 1Fa - 621E-12 * Neighborhoo*BldgType Mitchel 2fm - 621E-12 * Neighborhoo*BldgType NAmes 1Fam - 621E-12 * Neighborhoo*BldgType NWAmes 1Fam - 621E-12 * Neighborhoo*BldgType NridgHt 1Fa - 621E-12 * Neighborhoo*BldgType OldTown 1Fa - 621E-12 * Neighborhoo*BldgType Sawyer 1Fam - 621E-12 * Neighborhoo*BldgType Sawyer 2fmC - 621E-12 * Neighborhoo*BldgType SawyerW 1Fa - 621E-12 * Neighborhoo*BldgType Somerst 1Fa - 621E-12 * Neighborhoo*BldgType StoneBr 1Fa - Neighborh*HouseStyle BrkSide 1.2 - 162E-12 * Neighborh*HouseStyle BrkSide 1St - 162E-12 * Neighborh*HouseStyle ClearCr 1St - 162E-12 * Neighborh*HouseStyle CollgCr 1St - Neighborh*HouseStyle Crawfor 1.2 - 162E-12 * Neighborh*HouseStyle Crawfor 1St - 162E-12 * Neighborh*HouseStyle Edwards 1St - 162E-12 * Neighborh*HouseStyle Gilbert 1St - Neighborh*HouseStyle IDOTRR 1.5U - 162E-12 * Neighborh*HouseStyle IDOTRR 1Sto - 16E-11 * Neighborh*HouseStyle MeadowV 1St - 162E-12 * Neighborh*HouseStyle Mitchel 1St - Neighborh*HouseStyle NAmes 1.5Un - 162E-12 * Neighborh*HouseStyle NAmes 1Stor - 163E-12 * Neighborh*HouseStyle NPkVill 1St - 162E-12 * Neighborh*HouseStyle NWAmes 1Sto - 162E-12 * Neighborh*HouseStyle NoRidge 1St - 162E-12 * Neighborh*HouseStyle NridgHt 1St - Neighborh*HouseStyle OldTown 1.2 - 162E-12 * Neighborh*HouseStyle OldTown 1St - 162E-12 * Neighborh*HouseStyle SWISU 1Stor - 162E-12 * Neighborh*HouseStyle Sawyer 1Sto + 162E-12 * Neighborh*HouseStyle SawyerW 1St + 162E-12 * Neighborh*HouseStyle Somerst 1St + 162E-12 * Neighborh*HouseStyle StoneBr 1St + 162E-12 * Neighborh*HouseStyle Timber 1Sto - 844E-15 * GarageCars + 222E-18 * YearBuilt*GarageCars
Neighborh*HouseStyle SawyerW 2.5 =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborh*HouseStyle SawyerW 2.2 =	0
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle SawyerW SFo =	<pre> 1.23E-6 * Intercept - 1.04E-8 * GrLlvArea_I + 145E-15 * Lot Area - 1.62E-9 * OverallCond - 577E-12 * YearBuilt + 721E-21 * LotArea*YearBuilt + 771E-14 * MasVnrArea - 546E-18 * GrLlv Area*MasVnrArea + 436E-14 * TotalBsmtSF + 128E-17 * Overall Co*TotalBsmtS + 3.34E-9 * FullBath + 313E-14 * GrLlvArea_I*Full Bath - 801E-12 * Fireplaces - 188E-14 * GrLlvArea*Fireplaces - 982E-14 * LotConfig_Corner + 885E-13 * LotConfig CulDSac - 132E-12 * LotConfig_FR2 + 421E-13 * LotConfig FR3 + 544E-17 * YearBuilt*LotConfig Corner - 454E-16 * YearBuilt*LotConfig CulDSac + 632E-16 * YearBuilt*LotConfig FR2 - 212E-16 * YearBuilt*LotConfig FR3 - 1E-8 * BldgType 1Fam + BldgType_Twnhs - 293E-14 * HouseStyle 1.5Fin - 1E-8 * HouseStyle 1.5Unf - 2.61E-9 * HouseStyle 1Story - 1E-8 * HouseStyle 2.5Fin + 1 * HouseStyle 2.5Unf - 72E-13 * HouseStyle 2Story + HouseStyle SFoyer - 206E-18 * LotArea*HouseStyle 1.5Fin - 211E-18 * LotArea*HouseStyle 1Story + 167E-17 * LotArea*HouseStyle 2.5Fin - 659E-18 * LotArea*HouseStyle 2.5Unf - 24E-17 * LotArea*HouseStyle 2Story + 108E-14 * Fireplace*HouseStyle 2Story + 218E-14 * BldgType*HouseStyle 1Fam 1.5Fin + 1E-8 * BldgType*HouseStyle 1Fam 1.5Unf + 132E-14 * BldgType*HouseStyle 1Fam 1Story + 1E-8 * BldgType*HouseStyle 1Fam 2.5Fin + 1E-8 * BldgType*HouseStyle 1Fam 2.5Unf + 124E-14 * BldgType*HouseStyle 1Fam 2Story - 1E-8 * BldgType*HouseStyle 2fmCon 1.5Fi - 1E-8 * BldgType*HouseStyle 2fmCon 1Stor - 1E-8 * BldgType*HouseStyle 2fmCon 2Stor - BldgType*HouseStyle_Twnhs 1Story - BldgType*HouseStyle_Twnhs 2Story - BldgType*HouseStyle_Twnhs SFoyer - 1.22E-6 * Neighborhood Blmgtn + 4.43E-8 * Neighborhood Blueste - 1.22E-6 * Neighborhood BrDale - 1.22E-6 * Neighborhood BrkSide - 1.22E-6 * Neighborhood ClearCr - 1.23E-6 * Neighborhood CollgCr - 1.23E-6 * Neighborhood Crawfor - 1.23E-6 * Neighborhood Edwards - 1.22E-6 * Neighborhood Gilbert - 1.23E-6 * Neighborhood IDOTRR - 1 * Neighborhood MeadowV - 1.23E-6 * Neighborhood Mitchel - 1.23E-6 * Neighborhood NAmes - 1.22E-6 * Neighborhood NPKVill - 1.23E-6 * Neighborhood NWAmes - 1.22E-6 * Neighborhood NoRidge - 1.22E-6 * Neighborhood NridgHt - 1 * Neighborhood OldTown - 1.22E-6 * Neighborhood SWISU - 1.23E-6 * Neighborhood Sawyer - 1.23E-6 * Neighborhood SawyerW - 1.23E-6 * Neighborhood Somerset - 1.23E-6 * Neighborhood StoneBr - 1.22E-6 * Neighborhood Timber + 1.04E-8 * GrLlvArea*Neighborho Blmgtn - 7.12E-9 * GrLlvArea*Neighborho Blueste + 1.03E-8 * GrLlvArea*Neighborho BrDale + 1.04E-8 * GrLlvArea*Neighborho BrkSide + 1.04E-8 * GrLlvArea*Neighborho ClearCr + 1.04E-8 * GrLlvArea*Neighborho CollgCr + 1.04E-8 * GrLlvArea*Neighborho Crawfor + 1.04E-8 * GrLlvArea*Neighborho Edwards + 1.04E-8 * GrLlvArea*Neighborho Gilbert + 1.04E-8 * GrLlvArea*Neighborho IDOTRR + 1.04E-8 * GrLlvArea*Neighborho MeadowV + 1.04E-8 * GrLlvArea*Neighborho Mitchel + 1.04E-8 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle SawyerW SFo =	<pre> NAmes + 1.05E-8 * GrLlvArea*Neighborhood NPKVill + 1.04E-8 * GrLlvArea*Neighborhood NWAmes + 1.04E-8 * GrLlvArea*Neighborhood NoRidge + 1.04E-8 * GrLlvArea*Neighborhood NridgHt + 1.04E-8 * GrLlvArea*Neighborhood OldTown + 1.04E-8 * GrLlvArea*Neighborhood SWISU + 1.04E-8 * GrLlvArea*Neighborhood Sawyer + 1.04E-8 * GrLlvArea*Neighborhood SawyerW + 1.04E-8 * GrLlvArea*Neighborhood Somerset + 1.04E-8 * GrLlvArea*Neighborhood StoneBr + 1.04E-8 * GrLlvArea*Neighborhood Timber - 147E-15 * LotArea*Neighborhood Blmgtn - 149E-15 * LotArea*Neighborhood BrDale - 146E-15 * LotArea*Neighborhood BrkSide - 146E-15 * LotArea*Neighborhood ClearCr - 147E-15 * LotArea*Neighborhood CollgCr - 146E-15 * LotArea*Neighborhood Crawfor - 146E-15 * LotArea*Neighborhood Edwards - 146E-15 * LotArea*Neighborhood Gilbert - 146E-15 * LotArea*Neighborhood IDOTRR - 14E-14 * LotArea*Neighborhood MeadowV - 146E-15 * LotArea*Neighborhood Mitchel - 146E-15 * LotArea*Neighborhood NAmes - 145E-15 * LotArea*Neighborhood NPKVill - 146E-15 * LotArea*Neighborhood NWAmes - 146E-15 * LotArea*Neighborhood NoRidge - 146E-15 * LotArea*Neighborhood NridgHt - 146E-15 * LotArea*Neighborhood OldTown - 146E-15 * LotArea*Neighborhood SWISU - 146E-15 * LotArea*Neighborhood Sawyer - 147E-15 * LotArea*Neighborhood SawyerW - 146E-15 * LotArea*Neighborhood Somerset - 146E-15 * LotArea*Neighborhood StoneBr - 146E-15 * LotArea*Neighborhood Timber + 1.62E-9 * OverallCo*Neighborhood BrDale + 1.62E-9 * OverallCo*Neighborhood BrkSide + 1.62E-9 * OverallCo*Neighborhood ClearCr + 1.62E-9 * OverallCo*Neighborhood CollgCr + 1.62E-9 * OverallCo*Neighborhood Crawfor + 1.62E-9 * OverallCo*Neighborhood Edwards + 1.62E-9 * OverallCo*Neighborhood Gilbert + 1.62E-9 * OverallCo*Neighborhood IDOTRR + 1.62E-9 * OverallCo*Neighborhood MeadowV + 1.62E-9 * OverallCo*Neighborhood Mitchel + 1.62E-9 * OverallCo*Neighborhood NAmes + 1.62E-9 * OverallCo*Neighborhood NPKVill + 1.62E-9 * OverallCo*Neighborhood NWAmes + 1.62E-9 * OverallCo*Neighborhood NoRidge + 1.62E-9 * OverallCo*Neighborhood OldTown + 1.62E-9 * OverallCo*Neighborhood SWISU + 1.62E-9 * OverallCo*Neighborhood Sawyer + 1.62E-9 * OverallCo*Neighborhood SawyerW + 1.62E-9 * OverallCo*Neighborhood Somerset + 1.62E-9 * OverallCo*Neighborhood StoneBr + 1.62E-9 * OverallCo*Neighborhood Timber + 577E-12 * YearBuilt*Neighborhood Blmgtn + 575E-12 * YearBuilt*Neighborhood BrDale + 577E-12 * YearBuilt*Neighborhood BrkSide + 577E-12 * YearBuilt*Neighborhood ClearCr + 577E-12 * YearBuilt*Neighborhood CollgCr + 577E-12 * YearBuilt*Neighborhood Crawfor + 577E-12 * YearBuilt*Neighborhood Edwards + 577E-12 * YearBuilt*Neighborhood Gilbert + 577E-12 * YearBuilt*Neighborhood IDOTRR + 576E-12 * YearBuilt*Neighborhood MeadowV + 577E-12 * YearBuilt*Neighborhood Mitchel + 577E-12 * YearBuilt*Neighborhood NAmes + 572E-12 * YearBuilt*Neighborhood NPKVill + 577E-12 * YearBuilt*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle SawyerW SFo =	NWAmes + 577E-12 * YearBuilt*Neighborhood NoRidge + 577E-12 * YearBuilt*Neighborhood NridgHt + 577E-12 * YearBuilt*Neighborhood OldTown + 577E-12 * YearBuilt*Neighborhood SWISU + 577E-12 * YearBuilt*Neighborhood Sawyer + 577E-12 * YearBuilt*Neighborhood SawyerW + 577E-12 * YearBuilt*Neighborhood Somerst + 577E-12 * YearBuilt*Neighborhood StoneBr + 577E-12 * YearBuilt*Neighborhood Timber - 771E-14 * MasVnrAre*Neighborhood Blmgtn - 769E-14 * MasVnrAre*Neighborhood BrDale - 772E-14 * MasVnrAre*Neighborhood BrkSide - 771E-14 * MasVnrAre*Neighborhood ClearCr - 771E-14 * MasVnrAre*Neighborhood CollgCr - 771E-14 * MasVnrAre*Neighborhood Crawfor - 771E-14 * MasVnrAre*Neighborhood Edwards - 771E-14 * MasVnrAre*Neighborhood Gilbert - 771E-14 * MasVnrAre*Neighborhood IDOTRR - 76E-13 * MasVnrAre*Neighborhood MeadowV - 771E-14 * MasVnrAre*Neighborhood Mitchel - 771E-14 * MasVnrAre*Neighborhood NAmes - 771E-14 * MasVnrAre*Neighborhood NWAmes - 771E-14 * MasVnrAre*Neighborhood NoRidge - 771E-14 * MasVnrAre*Neighborhood NridgHt - 771E-14 * MasVnrAre*Neighborhood OldTown - 771E-14 * MasVnrAre*Neighborhood SWISU - 771E-14 * MasVnrAre*Neighborhood Sawyer - 771E-14 * MasVnrAre*Neighborhood SawyerW - 771E-14 * MasVnrAre*Neighborhood Somerst - 771E-14 * MasVnrAre*Neighborhood StoneBr - 771E-14 * MasVnrAre*Neighborhood Timber - 436E-14 * TotalBsmt*Neighborhood Blmgtn - 421E-14 * TotalBsmt*Neighborhood BrDale - 436E-14 * TotalBsmt*Neighborhood BrkSide - 436E-14 * TotalBsmt*Neighborhood ClearCr - 436E-14 * TotalBsmt*Neighborhood CollgCr - 436E-14 * TotalBsmt*Neighborhood Crawfor - 436E-14 * TotalBsmt*Neighborhood Edwards - 436E-14 * TotalBsmt*Neighborhood Gilbert - 436E-14 * TotalBsmt*Neighborhood IDOTRR - 431E-14 * TotalBsmt*Neighborhood MeadowV - 436E-14 * TotalBsmt*Neighborhood Mitchel - 436E-14 * TotalBsmt*Neighborhood NAmes - 437E-14 * TotalBsmt*Neighborhood NPkVill - 436E-14 * TotalBsmt*Neighborhood NWAmes - 436E-14 * TotalBsmt*Neighborhood NoRidge - 436E-14 * TotalBsmt*Neighborhood NridgHt - 436E-14 * TotalBsmt*Neighborhood OldTown - 436E-14 * TotalBsmt*Neighborhood SWISU - 436E-14 * TotalBsmt*Neighborhood Sawyer - 436E-14 * TotalBsmt*Neighborhood SawyerW - 436E-14 * TotalBsmt*Neighborhood Somerst - 436E-14 * TotalBsmt*Neighborhood StoneBr - 436E-14 * TotalBsmt*Neighborhood Timber - 3.36E-9 * FullBath*Neighborhood Blmgtn - 3.35E-9 * FullBath*Neighborhood BrDale - 3.37E-9 * FullBath*Neighborhood BrkSide - 3.37E-9 * FullBath*Neighborhood ClearCr - 3.36E-9 * FullBath*Neighborhood CollgCr - 3.36E-9 * FullBath*Neighborhood Crawfor - 3.36E-9 * FullBath*Neighborhood Edwards - 3.36E-9 * FullBath*Neighborhood Gilbert - 3.36E-9 * FullBath*Neighborhood IDOTRR - 3.38E-9 * FullBath*Neighborhood MeadowV - 3.36E-9 * FullBath*Neighborhood Mitchel - 3.36E-9 * FullBath*Neighborhood NAmes - 3.36E-9 * FullBath*Neighborhood NWAmes - 3.36E-9 * FullBath*Neighborhood NoRidge - 3.37E-9 * FullBath*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle SawyerW SFo =	NridgHt - 3.36E-9 * FullBath*Neighborhood OldTown - 3.37E-9 * FullBath*Neighborhood SWISU - 3.36E-9 * FullBath*Neighborhood Sawyer - 3.36E-9 * FullBath*Neighborhood SawyerW - 3.37E-9 * FullBath*Neighborhood Somerst - 3.37E-9 * FullBath*Neighborhood StoneBr - 3.37E-9 * FullBath*Neighborhood Timber + 814E-12 * Fireplace*Neighborhood Blmngtn + 812E-12 * Fireplace*Neighborhood BrDale + 813E-12 * Fireplace*Neighborhood BrkSide + 814E-12 * Fireplace*Neighborhood ClearCr + 814E-12 * Fireplace*Neighborhood CollgCr + 814E-12 * Fireplace*Neighborhood Crawfor + 814E-12 * Fireplace*Neighborhood Edwards + 815E-12 * Fireplace*Neighborhood Gilbert + 814E-12 * Fireplace*Neighborhood IDOTRR + 833E-12 * Fireplace*Neighborhood MeadowV + 814E-12 * Fireplace*Neighborhood Mitchel + 814E-12 * Fireplace*Neighborhood NAMES + 813E-12 * Fireplace*Neighborhood NPkVill + 814E-12 * Fireplace*Neighborhood NWAmes + 815E-12 * Fireplace*Neighborhood NoRidge + 815E-12 * Fireplace*Neighborhood NridgHt + 814E-12 * Fireplace*Neighborhood OldTown + 814E-12 * Fireplace*Neighborhood SWISU + 814E-12 * Fireplace*Neighborhood Sawyer + 814E-12 * Fireplace*Neighborhood SawyerW + 814E-12 * Fireplace*Neighborhood Somerst + 815E-12 * Fireplace*Neighborhood StoneBr + 815E-12 * Fireplace*Neighborhood Timber + 1E-8 * Neighborhood*BldgType Blmngtn 1Fa + 923E-14 * Neighborhood*BldgType BrDale Twnh + 336E-14 * Neighborhood*BldgType BrkSide 1Fa + 1E-8 * Neighborhood*BldgType CollgCr 1Fa + 1E-8 * Neighborhood*BldgType Crawfor 1Fa + 1E-8 * Neighborhood*BldgType Edwards 2fm + 1E-8 * Neighborhood*BldgType Edwards 1Fa + 1E-8 * Neighborhood*BldgType IDOTRR 2fm + 1E-8 * Neighborhood*BldgType IDOTRR 2fmc - 13E-12 * Neighborhood*BldgType MeadowV Twn + 1E-8 * Neighborhood*BldgType Mitchel 1Fa + 1E-8 * Neighborhood*BldgType Mitchel 2fm + 1E-8 * Neighborhood*BldgType NAMES 1Fam + 131E-13 * Neighborhood*BldgType NPkVill Twn + 1E-8 * Neighborhood*BldgType NWAmes 1Fam + 1E-8 * Neighborhood*BldgType NridgHt 1Fa + 1E-8 * Neighborhood*BldgType OldTown 1Fa + 1E-8 * Neighborhood*BldgType OldTown 2fm + 1E-8 * Neighborhood*BldgType Sawyer 1Fam + 1E-8 * Neighborhood*BldgType Sawyer 2fmc + 1E-8 * Neighborhood*BldgType SawyerW 1Fa + 1E-8 * Neighborhood*BldgType Somerst 1Fa + 1E-8 * Neighborhood*BldgType StoneBr 1Fa - 469E-14 * Neighborhood*HouseStyle BrkSide 1.5 + 2.6E-9 * Neighborhood*HouseStyle BrkSide 1St - Neighborhood*HouseStyle BrkSide 2.2 + 2.61E-9 * Neighborhood*HouseStyle ClearCr 1St + 2.61E-9 * Neighborhood*HouseStyle CollgCr 1St + 644E-14 * Neighborhood*HouseStyle CollgCr 2St - Neighborhood*HouseStyle CollgCr SFo + 2.6E-9 * Neighborhood*HouseStyle Crawfor 1St - Neighborhood*HouseStyle Crawfor 2.2 + 2.61E-9 * Neighborhood*HouseStyle Edwards 1St + 671E-14 * Neighborhood*HouseStyle Edwards 2St - Neighborhood*HouseStyle Edwards SFo + 2.61E-9 * Neighborhood*HouseStyle Gilbert 1St + 554E-14 * Neighborhood*HouseStyle Gilbert 2St - 484E-14 * Neighborhood*HouseStyle IDOTRR
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle SawyerW SFo =	1.5F + 2.6E-9 * Neighborh*HouseStyle IDOTRR 1Sto - Neighborh*HouseStyle IDOTRR 2.5U + 1 * Neighborh*HouseStyle MeadowV 1St + Neighborh*HouseStyle MeadowV 2St + 2.61E-9 * Neighborh*HouseStyle Mitchel 1St - Neighborh*HouseStyle Mitchel SFo + 2.61E-9 * Neighborh*HouseStyle NAmes 1Stor + 658E-14 * Neighborh*HouseStyle NAmes 2Stor - Neighborh*HouseStyle NAmes SFoye + 2.63E-9 * Neighborh*HouseStyle NPkVill 1St + 2.61E-9 * Neighborh*HouseStyle NWAmes 1Sto + 615E-14 * Neighborh*HouseStyle NWAmes 2Sto - Neighborh*HouseStyle NWAmes SFoy + 2.6E-9 * Neighborh*HouseStyle NoRidge 1St + 2.6E-9 * Neighborh*HouseStyle NridgHt 1St + Neighborh*HouseStyle OldTown 1.5 + Neighborh*HouseStyle OldTown 1.2 + 1 * Neighborh*HouseStyle OldTown 1St + Neighborh*HouseStyle OldTown 2.5 + Neighborh*HouseStyle OldTown 2St + 2.6E-9 * Neighborh*HouseStyle SWISU 1Stor + 2.61E-9 * Neighborh*HouseStyle Sawyer 1Sto - Neighborh*HouseStyle Sawyer SFoy + 2.61E-9 * Neighborh*HouseStyle SawyerW 1St + 587E-14 * Neighborh*HouseStyle SawyerW 2St - 2.6E-9 * Neighborh*HouseStyle Somerst 1St - 2.6E-9 * Neighborh*HouseStyle StoneBr 1St - 2.61E-9 * Neighborh*HouseStyle Timber 1Sto + 144E-13 * GarageCars - 396E-17 * YearBuilt*Garage Cars - 109E-14 * GarageCar*HouseStyle 1Story + 756E-14 * GarageCar*HouseStyle 2.5Fin - 816E-15 * GarageCar*HouseStyle 2Story - 619E-14 * GarageCar*Neighborho Blmgtn - 117E-13 * GarageCar*Neighborho BrDale - 653E-14 * GarageCar*Neighborho BrkSide - 631E-14 * GarageCar*Neighborho ClearCr - 46E-13 * GarageCar*Neighborho CollgCr - 504E-14 * GarageCar*Neighborho Crawfor - 505E-14 * GarageCar*Neighborho Edwards - 622E-14 * GarageCar*Neighborho Gilbert - 574E-14 * GarageCar*Neighborho IDOTRR - 616E-14 * GarageCar*Neighborho MeadowV - 572E-14 * GarageCar*Neighborho Mitchel - 534E-14 * GarageCar*Neighborho NAmes - 509E-14 * GarageCar*Neighborho NoRidge - 542E-14 * GarageCar*Neighborho NridgHt - 598E-14 * GarageCar*Neighborho OldTown - 598E-14 * GarageCar*Neighborho SWISU - 566E-14 * GarageCar*Neighborho Sawyer - 556E-14 * GarageCar*Neighborho SawyerW - 52E-13 * GarageCar*Neighborho Somerst - 331E-14 * GarageCar*Neighborho StoneBr
Neighborh*HouseStyle Somerst 1.5 =	0
Neighborh*HouseStyle Somerst 1.2 =	0
Neighborh*HouseStyle Somerst 2.5 =	0
Neighborh*HouseStyle Somerst 2.2 =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle Somerst 2St =	<pre> -2.12E-7 * Intercept + 1.8E-9 * GrLlvArea_I - 251E-16 * Lot Area + 281E-12 * OverallCond + 999E-13 * YearBuilt - 162E-21 * LotArea*YearBuilt - 134E-14 * MasVnrArea - 755E-15 * Total BsmtSF - 579E-12 * FullBath - 525E-15 * GrLlvArea_I*FullBath + 138E-12 * Fireplaces - 139E-13 * LotConfig CulDSac + 216E-13 * LotConfig FR2 + 715E-17 * YearBuilt*LotConfig CulDSac - 103E-16 * YearBuilt*LotConfig FR2 + 1.73E-9 * BldgType 1Fam + 157E-13 * BldgType Twnhs + 1.73E-9 * HouseStyle 1.5Unf + 452E-12 * HouseStyle 1Story + 1.74E-9 * HouseStyle 2.5Fin + 1.73E-9 * HouseStyle 2.5Unf - 1.73E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 1.74E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 1.73E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 1.73E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 1.73E-9 * BldgType*HouseStyle 2fmCon 1Stor + 1.73E-9 * BldgType*HouseStyle 2fmCon 2Stor - 163E-13 * BldgType*HouseStyle Twnhs 2Story + 2.1E-7 * Neighborhood Blmgtn - 7.67E-9 * Neighborhood Blueste + 2.13E-7 * Neighborhood BrDale + 2.11E-7 * Neighborhood BrkSide + 2.11E-7 * Neighborhood ClearCr + 2.12E-7 * Neighborhood CollgCr + 2.12E-7 * Neighborhood Crawfor + 2.12E-7 * Neighborhood Edwards + 2.11E-7 * Neighborhood Gilbert + 2.12E-7 * Neighborhood IDOTRR + 2.14E-7 * Neighborhood MeadowV + 2.12E-7 * Neighborhood Mitchel + 2.12E-7 * Neighborhood NAmes + 2.16E-7 * Neighborhood NPkVill + 2.12E-7 * Neighborhood NWAmes + 2.11E-7 * Neighborhood NoRidge + 2.11E-7 * Neighborhood NridgHt + 2.12E-7 * Neighborhood OldTown + 2.11E-7 * Neighborhood SWISU + 2.12E-7 * Neighborhood Sawyer + 2.12E-7 * Neighborhood SawyerW + 1 * Neighborhood Somerst + 2.12E-7 * Neighborhood StoneBr + 2.11E-7 * Neighborhood Timber - 1.8E-9 * GrLlvArea*Neighborho Blmgtn + 1.23E-9 * GrLlvArea*Neighborho Blueste - 1.81E-9 * GrLlvArea*Neighborho BrDale - 1.8E-9 * GrLlvArea*Neighborho BrkSide - 1.8E-9 * GrLlvArea*Neighborho ClearCr - 1.8E-9 * GrLlvArea*Neighborho CollgCr - 1.8E-9 * GrLlvArea*Neighborho Crawfor - 1.8E-9 * GrLlvArea*Neighborho Edwards - 1.8E-9 * GrLlvArea*Neighborho Gilbert - 1.8E-9 * GrLlvArea*Neighborho IDOTRR - 1.82E-9 * GrLlvArea*Neighborho MeadowV - 1.8E-9 * GrLlvArea*Neighborho Mitchel - 1.8E-9 * GrLlvArea*Neighborho NAmes - 1.78E-9 * GrLlvArea*Neighborho NPkVill - 1.8E-9 * GrLlvArea*Neighborho NWAmes - 1.8E-9 * GrLlvArea*Neighborho NoRidge - 1.8E-9 * GrLlvArea*Neighborho NridgHt - 1.8E-9 * GrLlvArea*Neighborho OldTown - 1.8E-9 * GrLlvArea*Neighborho SWISU - 1.8E-9 * GrLlvArea*Neighborho Sawyer - 1.8E-9 * GrLlvArea*Neighborho SawyerW - 1.8E-9 * GrLlvArea*Neighborho Somerst - 1.8E-9 * GrLlvArea*Neighborho StoneBr - 1.8E-9 * GrLlvArea*Neighborho Timber + 255E-16 * LotArea*Neighborhood Blmgtn + 252E-16 * LotArea*Neighborhood BrDale + 254E-16 * LotArea*Neighborhood BrkSide + 254E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle Somerst 2St =	ClearCr + 254E-16 * LotArea*Neighborhood CollgCr + 253E-16 * LotArea*Neighborhood Crawfor + 253E-16 * LotArea*Neighborhood Edwards + 253E-16 * LotArea*Neighborhood Gilbert + 254E-16 * LotArea*Neighborhood IDOTRR + 296E-16 * LotArea*Neighborhood MeadowV + 253E-16 * LotArea*Neighborhood Mitchel + 253E-16 * LotArea*Neighborhood NAmes + 264E-16 * LotArea*Neighborhood NPKVill + 253E-16 * LotArea*Neighborhood NWAmes + 253E-16 * LotArea*Neighborhood NoRidge + 254E-16 * LotArea*Neighborhood NridgHt + 253E-16 * LotArea*Neighborhood OldTown + 253E-16 * LotArea*Neighborhood SWISU + 253E-16 * LotArea*Neighborhood Sawyer + 254E-16 * LotArea*Neighborhood SawyerW + 253E-16 * LotArea*Neighborhood Somerst + 254E-16 * LotArea*Neighborhood StoneBr + 254E-16 * LotArea*Neighborhood Timber - 281E-12 * OverallCo*Neighborhood BrDale - 281E-12 * OverallCo*Neighborhood BrkSide - 281E-12 * OverallCo*Neighborhood ClearCr - 281E-12 * OverallCo*Neighborhood CollgCr - 281E-12 * OverallCo*Neighborhood Crawfor - 281E-12 * OverallCo*Neighborhood Edwards - 281E-12 * OverallCo*Neighborhood Gilbert - 281E-12 * OverallCo*Neighborhood IDOTRR - 281E-12 * OverallCo*Neighborhood MeadowV - 281E-12 * OverallCo*Neighborhood Mitchel - 281E-12 * OverallCo*Neighborhood NAmes - 283E-12 * OverallCo*Neighborhood NPKVill - 281E-12 * OverallCo*Neighborhood NWAmes - 281E-12 * OverallCo*Neighborhood NoRidge - 281E-12 * OverallCo*Neighborhood OldTown - 281E-12 * OverallCo*Neighborhood SWISU - 281E-12 * OverallCo*Neighborhood Sawyer - 281E-12 * OverallCo*Neighborhood SawyerW - 281E-12 * OverallCo*Neighborhood Somerst - 281E-12 * OverallCo*Neighborhood StoneBr - 281E-12 * OverallCo*Neighborhood Timber - 998E-13 * YearBuilt*Neighborhood Blmgtn - 1E-10 * YearBuilt*Neighborhood BrDale - 999E-13 * YearBuilt*Neighborhood BrkSide - 998E-13 * YearBuilt*Neighborhood ClearCr - 999E-13 * YearBuilt*Neighborhood CollgCr - 999E-13 * YearBuilt*Neighborhood Crawfor - 999E-13 * YearBuilt*Neighborhood Edwards - 998E-13 * YearBuilt*Neighborhood Gilbert - 999E-13 * YearBuilt*Neighborhood IDOTRR - 1E-10 * YearBuilt*Neighborhood MeadowV - 999E-13 * YearBuilt*Neighborhood Mitchel - 999E-13 * YearBuilt*Neighborhood NAmes - 101E-12 * YearBuilt*Neighborhood NPKVill - 999E-13 * YearBuilt*Neighborhood NWAmes - 999E-13 * YearBuilt*Neighborhood NoRidge - 998E-13 * YearBuilt*Neighborhood NridgHt - 999E-13 * YearBuilt*Neighborhood OldTown - 999E-13 * YearBuilt*Neighborhood SWISU - 999E-13 * YearBuilt*Neighborhood Sawyer - 999E-13 * YearBuilt*Neighborhood SawyerW - 999E-13 * YearBuilt*Neighborhood Somerst - 999E-13 * YearBuilt*Neighborhood StoneBr - 999E-13 * YearBuilt*Neighborhood Timber + 134E-14 * MasVnrAre*Neighborhood Blmgtn + 134E-14 * MasVnrAre*Neighborhood BrDale + 134E-14 * MasVnrAre*Neighborhood BrkSide + 134E-14 * MasVnrAre*Neighborhood ClearCr + 134E-14 * MasVnrAre*Neighborhood CollgCr + 134E-14 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle Somerst 2St =	Crawfor + 134E-14 * MasVnrAre*Neighborhood Edwards + 134E-14 * MasVnrAre*Neighborhood Gilbert + 134E-14 * MasVnrAre*Neighborhood IDOTRR + 136E-14 * MasVnrAre*Neighborhood MeadowV + 134E-14 * MasVnrAre*Neighborhood Mitchel + 134E-14 * MasVnrAre*Neighborhood NAmes + 134E-14 * MasVnrAre*Neighborhood NWAmes + 134E-14 * MasVnrAre*Neighborhood NoRidge + 134E-14 * MasVnrAre*Neighborhood NridgHt + 134E-14 * MasVnrAre*Neighborhood OldTown + 134E-14 * MasVnrAre*Neighborhood SWISU + 134E-14 * MasVnrAre*Neighborhood Sawyer + 134E-14 * MasVnrAre*Neighborhood SawyerW + 134E-14 * MasVnrAre*Neighborhood Somerst + 134E-14 * MasVnrAre*Neighborhood StoneBr + 134E-14 * MasVnrAre*Neighborhood Timber + 756E-15 * TotalBsmt*Neighborhood Blmngtn + 767E-15 * TotalBsmt*Neighborhood BrDale + 756E-15 * TotalBsmt*Neighborhood BrkSide + 756E-15 * TotalBsmt*Neighborhood ClearCr + 756E-15 * TotalBsmt*Neighborhood CollgCr + 756E-15 * TotalBsmt*Neighborhood Crawfor + 756E-15 * TotalBsmt*Neighborhood Edwards + 756E-15 * TotalBsmt*Neighborhood Gilbert + 756E-15 * TotalBsmt*Neighborhood IDOTRR + 777E-15 * TotalBsmt*Neighborhood MeadowV + 756E-15 * TotalBsmt*Neighborhood Mitchel + 756E-15 * TotalBsmt*Neighborhood NAmes + 753E-15 * TotalBsmt*Neighborhood NPKVill + 756E-15 * TotalBsmt*Neighborhood NWAmes + 756E-15 * TotalBsmt*Neighborhood NoRidge + 756E-15 * TotalBsmt*Neighborhood NridgHt + 756E-15 * TotalBsmt*Neighborhood OldTown + 756E-15 * TotalBsmt*Neighborhood SWISU + 756E-15 * TotalBsmt*Neighborhood Sawyer + 756E-15 * TotalBsmt*Neighborhood SawyerW + 756E-15 * TotalBsmt*Neighborhood Somerst + 756E-15 * TotalBsmt*Neighborhood StoneBr + 756E-15 * TotalBsmt*Neighborhood Timber + 583E-12 * FullBath*Neighborhood Blmngtn + 584E-12 * FullBath*Neighborhood BrDale + 583E-12 * FullBath*Neighborhood BrkSide + 583E-12 * FullBath*Neighborhood ClearCr + 583E-12 * FullBath*Neighborhood CollgCr + 583E-12 * FullBath*Neighborhood Crawfor + 583E-12 * FullBath*Neighborhood Edwards + 582E-12 * FullBath*Neighborhood Gilbert + 583E-12 * FullBath*Neighborhood IDOTRR + 575E-12 * FullBath*Neighborhood MeadowV + 583E-12 * FullBath*Neighborhood Mitchel + 583E-12 * FullBath*Neighborhood NAmes + 583E-12 * FullBath*Neighborhood NWAmes + 583E-12 * FullBath*Neighborhood NoRidge + 583E-12 * FullBath*Neighborhood NridgHt + 583E-12 * FullBath*Neighborhood OldTown + 583E-12 * FullBath*Neighborhood SWISU + 583E-12 * FullBath*Neighborhood Sawyer + 583E-12 * FullBath*Neighborhood SawyerW + 583E-12 * FullBath*Neighborhood Somerst + 583E-12 * FullBath*Neighborhood StoneBr + 584E-12 * FullBath*Neighborhood Timber - 141E-12 * Fireplace*Neighborhood Blmngtn - 141E-12 * Fireplace*Neighborhood BrDale - 14E-11 * Fireplace*Neighborhood BrkSide - 141E-12 * Fireplace*Neighborhood ClearCr - 141E-12 * Fireplace*Neighborhood CollgCr - 141E-12 * Fireplace*Neighborhood Crawfor - 141E-12 * Fireplace*Neighborhood Edwards - 141E-12 * Fireplace*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbor*HouseStyle Somerst 2St =	Gilbert - 141E-12 * Fireplace*Neighborho IDOTRR - 133E-12 * Fireplace*Neighborho MeadowV - 141E-12 * Fireplace*Neighborho Mitchel - 141E-12 * Fireplace*Neighborho NAmes - 142E-12 * Fireplace*Neighborho NPKVill - 141E-12 * Fireplace*Neighborho NWAmes - 141E-12 * Fireplace*Neighborho NoRidge - 141E-12 * Fireplace*Neighborho NridgHt - 141E-12 * Fireplace*Neighborho OldTown - 141E-12 * Fireplace*Neighborho SWISU - 141E-12 * Fireplace*Neighborho Sawyer - 141E-12 * Fireplace*Neighborho SawyerW - 141E-12 * Fireplace*Neighborho Somerst - 141E-12 * Fireplace*Neighborho StoneBr - 141E-12 * Fireplace*Neighborho Timber - 1.73E-9 * Neighborhoo*BldgType Blmngtn 1Fa - 1.73E-9 * Neighborhoo*BldgType CollgCr 1Fa - 1.73E-9 * Neighborhoo*BldgType Crawfor 1Fa - 1.73E-9 * Neighborhoo*BldgType Crawfor 2fm - 1.73E-9 * Neighborhoo*BldgType Edwards 1Fa - 1.73E-9 * Neighborhoo*BldgType Edwards 2fm - 1.73E-9 * Neighborhoo*BldgType IDOTRR 1Fam - 1.73E-9 * Neighborhoo*BldgType IDOTRR 2fmc - 1.73E-9 * Neighborhoo*BldgType Mitchel 1Fa - 1.73E-9 * Neighborhoo*BldgType Mitchel 2fm - 1.73E-9 * Neighborhoo*BldgType NAmes 1Fam - 1.73E-9 * Neighborhoo*BldgType NWAmes 1Fam - 1.73E-9 * Neighborhoo*BldgType NridgHt 1Fa - 1.73E-9 * Neighborhoo*BldgType OldTown 1Fa - 1.73E-9 * Neighborhoo*BldgType OldTown 2fm - 1.73E-9 * Neighborhoo*BldgType Sawyer 1Fam - 1.73E-9 * Neighborhoo*BldgType Sawyer 2fmc - 1.73E-9 * Neighborhoo*BldgType SawyerW 1Fa - 1.73E-9 * Neighborhoo*BldgType Somerst 1Fa - 1.73E-9 * Neighborhoo*BldgType StoneBr 1Fa - 451E-12 * Neighborh*HouseStyle BrkSide 1St - 452E-12 * Neighborh*HouseStyle ClearCr 1St - 452E-12 * Neighborh*HouseStyle CollgCr 1St - 451E-12 * Neighborh*HouseStyle Crawfor 1St - 452E-12 * Neighborh*HouseStyle Edwards 1St - 451E-12 * Neighborh*HouseStyle Gilbert 1St - 451E-12 * Neighborh*HouseStyle IDOTRR 1Sto - 468E-12 * Neighborh*HouseStyle MeadowV 1St - 452E-12 * Neighborh*HouseStyle Mitchel 1St - 452E-12 * Neighborh*HouseStyle NAmes 1Stor - 443E-12 * Neighborh*HouseStyle NPKVill 1St - 451E-12 * Neighborh*HouseStyle NWAmes 1Sto - 45E-11 * Neighborh*HouseStyle NoRidge 1St - 451E-12 * Neighborh*HouseStyle NridgHt 1St - 452E-12 * Neighborh*HouseStyle OldTown 1St - 45E-11 * Neighborh*HouseStyle SWISU 1Stor - 452E-12 * Neighborh*HouseStyle Sawyer 1Sto - 452E-12 * Neighborh*HouseStyle SawyerW 1St - 1 * Neighborh*HouseStyle Somerst 1St + 45E-11 * Neighborh*HouseStyle StoneBr 1St + 451E-12 * Neighborh*HouseStyle Timber 1Sto - 34E-13 * GarageCars
Neighbor*HouseStyle Somerst SFo =	0
Neighbor*HouseStyle StoneBr 1.5 =	0
Neighbor*HouseStyle StoneBr 1.2 =	0
Neighbor*HouseStyle StoneBr 2.5 =	0

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Neighborhood*HouseStyle StoneBr 2.2 =	0
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle StoneBr 2St =	<pre> 3.15E-7 * Intercept - 2.67E-9 * GrLlvArea_I + 372E-16 * Lot Area - 417E-12 * OverallCond - 148E-12 * YearBuilt + 237E-21 * LotArea*YearBuilt + 198E-14 * MasVnrArea + 112E-14 * Total BsmtSF + 329E-18 * OverallCo*TotalBsmtS + 857E-12 * Full Bath + 815E-15 * GrLlvArea_I*FullBath - 205E-12 * Fireplaces - 468E-15 * GrLlvArea*Fireplaces - 299E-14 * LotConfig Corner + 215E-13 * LotConfig CulDSac - 343E-13 * LotConfig FR2 + 164E-17 * YearBuilt*LotConfig Corner - 11E-15 * YearBuilt*LotConfig CulDSac + 165E-16 * YearBuilt*LotConfig FR2 - 2.57E-9 * BldgType 1Fam - 2.56E-9 * HouseStyle 1.5Unf - 669E-12 * HouseStyle 1Story - 2.57E-9 * HouseStyle 2.5Fin - 2.56E-9 * HouseStyle 2.5Unf - 182E-14 * HouseStyle 2Story + 2.56E-9 * BldgType*HouseStyle 1Fam 1.5Unf + 2.57E-9 * BldgType*HouseStyle 1Fam 2.5Fin + 2.56E-9 * BldgType*HouseStyle 1Fam 2.5Unf - 2.56E-9 * BldgType*HouseStyle 2fmCon 1.5Fi - 2.56E-9 * BldgType*HouseStyle 2fmCon 1Stor - 2.56E-9 * BldgType*HouseStyle 2fmCon 2Stor - 3.11E-7 * Neighborhood Blmngtn + 1.14E-8 * Neighborhood Blueste - 3.15E-7 * Neighborhood BrDale - 3.12E-7 * Neighborhood BrkSide - 3.12E-7 * Neighborhood ClearCr - 3.15E-7 * Neighborhood CollgCr - 3.15E-7 * Neighborhood Crawfor - 3.15E-7 * Neighborhood Edwards - 3.12E-7 * Neighborhood Gilbert - 3.15E-7 * Neighborhood IDOTRR - 3.15E-7 * Neighborhood MeadowV - 3.15E-7 * Neighborhood Mitchel - 3.15E-7 * Neighborhood NAmes - 3.14E-7 * Neighborhood NPKVill - 3.15E-7 * Neighborhood NWAmes - 3.12E-7 * Neighborhood NoRidge - 3.13E-7 * Neighborhood NridgHt - 3.15E-7 * Neighborhood OldTown - 3.12E-7 * Neighborhood SWISU - 3.15E-7 * Neighborhood Sawyer - 3.15E-7 * Neighborhood SawyerW - 3.15E-7 * Neighborhood Somerst + 1 * Neighborhood StoneBr - 3.12E-7 * Neighborhood Timber + 2.67E-9 * GrLlvArea*Neighborhood Blmngtn - 1.83E-9 * GrLlvArea*Neighborhood Blueste + 2.67E-9 * GrLlvArea*Neighborhood BrDale + 2.67E-9 * GrLlvArea*Neighborhood BrkSide + 2.67E-9 * GrLlvArea*Neighborhood ClearCr + 2.67E-9 * GrLlvArea*Neighborhood CollgCr + 2.67E-9 * GrLlvArea*Neighborhood Crawfor + 2.67E-9 * GrLlvArea*Neighborhood Edwards + 2.67E-9 * GrLlvArea*Neighborhood Gilbert + 2.67E-9 * GrLlvArea*Neighborhood IDOTRR + 2.67E-9 * GrLlvArea*Neighborhood MeadowV + 2.67E-9 * GrLlvArea*Neighborhood Mitchel + 2.67E-9 * GrLlvArea*Neighborhood NAmes + 2.68E-9 * GrLlvArea*Neighborhood NPKVill + 2.67E-9 * GrLlvArea*Neighborhood NWAmes + 2.67E-9 * GrLlvArea*Neighborhood NoRidge + 2.67E-9 * GrLlvArea*Neighborhood NridgHt + 2.67E-9 * GrLlvArea*Neighborhood OldTown + 2.67E-9 * GrLlvArea*Neighborhood SWISU + 2.67E-9 * GrLlvArea*Neighborhood Sawyer + 2.67E-9 * GrLlvArea*Neighborhood SawyerW + 2.67E-9 * GrLlvArea*Neighborhood Somerst + 2.67E-9 * GrLlvArea*Neighborhood StoneBr + 2.67E-9 * GrLlvArea*Neighborhood Timber - 395E-16 * LotArea*Neighborhood Blmngtn - 376E-16 * LotArea*Neighborhood BrDale - 376E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle StoneBr 2St =	BrkSide - 376E-16 * LotArea*Neighborhood ClearCr - 376E-16 * LotArea*Neighborhood CollgCr - 375E-16 * LotArea*Neighborhood Crawfor - 376E-16 * LotArea*Neighborhood Edwards - 375E-16 * LotArea*Neighborhood Gilbert - 376E-16 * LotArea*Neighborhood IDOTRR - 386E-16 * LotArea*Neighborhood MeadowV - 375E-16 * LotArea*Neighborhood Mitchel - 376E-16 * LotArea*Neighborhood NAMES - 373E-16 * LotArea*Neighborhood NPkVill - 375E-16 * LotArea*Neighborhood NWAmes - 375E-16 * LotArea*Neighborhood NoRidge - 376E-16 * LotArea*Neighborhood NridgHt - 375E-16 * LotArea*Neighborhood OldTown - 375E-16 * LotArea*Neighborhood SWISU - 375E-16 * LotArea*Neighborhood Sawyer - 376E-16 * LotArea*Neighborhood SawyerW - 375E-16 * LotArea*Neighborhood Somerst - 376E-16 * LotArea*Neighborhood StoneBr - 376E-16 * LotArea*Neighborhood Timber + 416E-12 * OverallCo*Neighborhood BrDale + 416E-12 * OverallCo*Neighborhood BrkSide + 416E-12 * OverallCo*Neighborhood ClearCr + 416E-12 * OverallCo*Neighborhood CollgCr + 416E-12 * OverallCo*Neighborhood Crawfor + 416E-12 * OverallCo*Neighborhood Edwards + 416E-12 * OverallCo*Neighborhood Gilbert + 416E-12 * OverallCo*Neighborhood IDOTRR + 416E-12 * OverallCo*Neighborhood MeadowV + 416E-12 * OverallCo*Neighborhood Mitchel + 416E-12 * OverallCo*Neighborhood NAMES + 416E-12 * OverallCo*Neighborhood NPkVill + 416E-12 * OverallCo*Neighborhood NWAmes + 416E-12 * OverallCo*Neighborhood NoRidge + 416E-12 * OverallCo*Neighborhood OldTown + 416E-12 * OverallCo*Neighborhood SWISU + 416E-12 * OverallCo*Neighborhood Sawyer + 416E-12 * OverallCo*Neighborhood SawyerW + 416E-12 * OverallCo*Neighborhood Somerst + 416E-12 * OverallCo*Neighborhood StoneBr + 416E-12 * OverallCo*Neighborhood Timber + 147E-12 * YearBuilt*Neighborhood Blmgtn + 148E-12 * YearBuilt*Neighborhood BrDale + 148E-12 * YearBuilt*Neighborhood BrkSide + 148E-12 * YearBuilt*Neighborhood ClearCr + 148E-12 * YearBuilt*Neighborhood CollgCr + 148E-12 * YearBuilt*Neighborhood Crawfor + 148E-12 * YearBuilt*Neighborhood Edwards + 148E-12 * YearBuilt*Neighborhood Gilbert + 148E-12 * YearBuilt*Neighborhood IDOTRR + 148E-12 * YearBuilt*Neighborhood MeadowV + 148E-12 * YearBuilt*Neighborhood Mitchel + 148E-12 * YearBuilt*Neighborhood NAMES + 147E-12 * YearBuilt*Neighborhood NPkVill + 148E-12 * YearBuilt*Neighborhood NWAmes + 148E-12 * YearBuilt*Neighborhood NoRidge + 148E-12 * YearBuilt*Neighborhood NridgHt + 148E-12 * YearBuilt*Neighborhood OldTown + 148E-12 * YearBuilt*Neighborhood SWISU + 148E-12 * YearBuilt*Neighborhood Sawyer + 148E-12 * YearBuilt*Neighborhood SawyerW + 148E-12 * YearBuilt*Neighborhood Somerst + 148E-12 * YearBuilt*Neighborhood StoneBr + 148E-12 * YearBuilt*Neighborhood Timber - 198E-14 * MasVnrAre*Neighborhood Blmgtn - 198E-14 * MasVnrAre*Neighborhood BrDale - 198E-14 * MasVnrAre*Neighborhood BrkSide - 198E-14 * MasVnrAre*Neighborhood ClearCr - 198E-14 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle StoneBr 2St =	Edwards + 209E-12 * Fireplace*Neighborho Gilbert + 208E-12 * Fireplace*Neighborho IDOTRR + 208E-12 * Fireplace*Neighborho MeadowV + 209E-12 * Fireplace*Neighborho Mitchel + 209E-12 * Fireplace*Neighborho NAmes + 208E-12 * Fireplace*Neighborho NPKVill + 209E-12 * Fireplace*Neighborho NWAmes + 209E-12 * Fireplace*Neighborho NoRidge + 209E-12 * Fireplace*Neighborho NridgHt + 208E-12 * Fireplace*Neighborho OldTown + 209E-12 * Fireplace*Neighborho SWISU + 209E-12 * Fireplace*Neighborho Sawyer + 209E-12 * Fireplace*Neighborho SawyerW + 208E-12 * Fireplace*Neighborho Somerst + 209E-12 * Fireplace*Neighborho StoneBr + 209E-12 * Fireplace*Neighborho Timber + 2.57E-9 * Neighborhoo*BldgType Blmgtn 1Fa + 2.57E-9 * Neighborhoo*BldgType CollgCr 1Fa + 2.56E-9 * Neighborhoo*BldgType Crawfor 1Fa + 2.56E-9 * Neighborhoo*BldgType Crawfor 2fm + 2.56E-9 * Neighborhoo*BldgType Edwards 1Fa + 2.56E-9 * Neighborhoo*BldgType Edwards 2fm + 2.56E-9 * Neighborhoo*BldgType IDOTRR 1Fam + 2.56E-9 * Neighborhoo*BldgType IDOTRR 2fmc + 2.56E-9 * Neighborhoo*BldgType Mitchel 1Fa + 2.56E-9 * Neighborhoo*BldgType Mitchel 2fm + 2.57E-9 * Neighborhoo*BldgType NAmes 1Fam + 2.57E-9 * Neighborhoo*BldgType NWAmes 1Fam + 2.56E-9 * Neighborhoo*BldgType NridgHt 1Fa + 2.56E-9 * Neighborhoo*BldgType OldTown 1Fa + 2.56E-9 * Neighborhoo*BldgType OldTown 2fm + 2.56E-9 * Neighborhoo*BldgType Sawyer 1Fam + 2.56E-9 * Neighborhoo*BldgType Sawyer 2fmc + 2.56E-9 * Neighborhoo*BldgType SawyerW 1Fa + 2.56E-9 * Neighborhoo*BldgType Somerst 1Fa + 2.56E-9 * Neighborhoo*BldgType StoneBr 1Fa + 668E-12 * Neighborh*HouseStyle BrkSide 1St + 669E-12 * Neighborh*HouseStyle ClearCr 1St + 669E-12 * Neighborh*HouseStyle CollgCr 1St + 667E-12 * Neighborh*HouseStyle Crawfor 1St + 669E-12 * Neighborh*HouseStyle Edwards 1St + 669E-12 * Neighborh*HouseStyle Gilbert 1St + 667E-12 * Neighborh*HouseStyle IDOTRR 1Sto + 67E-11 * Neighborh*HouseStyle MeadowV 1St + 669E-12 * Neighborh*HouseStyle Mitchel 1St + 669E-12 * Neighborh*HouseStyle NAmes 1Stor + 673E-12 * Neighborh*HouseStyle NPKVill 1St + 668E-12 * Neighborh*HouseStyle NWAmes 1Sto + 667E-12 * Neighborh*HouseStyle NoRidge 1St + 667E-12 * Neighborh*HouseStyle NridgHt 1St + 669E-12 * Neighborh*HouseStyle OldTown 1St + 667E-12 * Neighborh*HouseStyle SWISU 1Stor + 669E-12 * Neighborh*HouseStyle Sawyer 1Sto + 669E-12 * Neighborh*HouseStyle SawyerW 1St + 668E-12 * Neighborh*HouseStyle Somerst 1St - 1 * Neighborh*HouseStyle StoneBr 1St - 669E-12 * Neighborh*HouseStyle Timber 1Sto + 349E-14 * GarageCars - 898E-18 * YearBuilt*Garage Cars - 403E-14 * GarageCar*Neighborho Blmgtn - 139E-14 * GarageCar*Neighborho NAmes - 142E-14 * GarageCar*Neighborho NridgHt
Neighborh*HouseStyle StoneBr SFo =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*HouseStyle Timber 1.5F =	<pre> -3.34E-7 * Intercept + 2.83E-9 * GrLlvArea_I - 397E-16 * Lot Area + 442E-12 * OverallCond + 157E-12 * YearBuilt - 954E-22 * LotArea*YearBuilt - 209E-14 * MasVnrArea - 118E-14 * Total BsmtSF - 353E-18 * OverallCo*TotalBsmtS - 909E-12 * FullBath - 781E-15 * GrLlvArea_I*FullBath + 22E-11 * Fireplaces + 484E-15 * GrLlvArea*Fireplaces + 287E-14 * LotConfig Corner - 243E-13 * LotConfig CulDSac + 356E-13 * LotConfig FR2 - 121E-13 * LotConfig FR3 - 158E-17 * YearBuilt*LotConfig Corner + 125E-16 * YearBuilt*LotConfig CulDSac - 171E-16 * YearBuilt*LotConfig FR2 + 61E-16 * YearBuilt*LotConfig FR3 + 2.73E-9 * BldgType 1Fam - 467E-14 * BldgType Twnhs + HouseStyle 1.5Fin + 2.73E-9 * HouseStyle 1.5Uhf + 709E-12 * HouseStyle 1Story + 2.74E-9 * HouseStyle 2.5Fin + 2.72E-9 * HouseStyle 2.5Uhf + 239E-14 * HouseStyle 2Story + 71E-18 * LotArea*HouseStyle 1.5Fin + 698E-19 * LotArea*HouseStyle 1Story - 775E-18 * LotArea*HouseStyle 2.5Fin + 758E-19 * LotArea*HouseStyle 2Story - 2.72E-9 * BldgType*HouseStyle 1Fam 1.5Uhf - 2.73E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 2.73E-9 * BldgType*HouseStyle 1Fam 2.5Uhf + 2.72E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 2.72E-9 * BldgType*HouseStyle 2fmCon 1Stor + 2.73E-9 * BldgType*HouseStyle 2fmCon 2Stor + 415E-14 * BldgType*HouseStyle Twnhs 2Story + 3.32E-7 * Neighborhood Blmgtn - 1.2E-8 * Neighborhood Blueste + 3.35E-7 * Neighborhood BrDale + 3.32E-7 * Neighborhood BrkSide + 3.32E-7 * Neighborhood ClearCr + 3.34E-7 * Neighborhood CollgCr + 3.34E-7 * Neighborhood Crawfor + 3.34E-7 * Neighborhood Edwards + 3.32E-7 * Neighborhood Gilbert + 3.34E-7 * Neighborhood IDOTRR + 3.34E-7 * Neighborhood MeadowV + 3.34E-7 * Neighborhood Mitchel + 3.34E-7 * Neighborhood NAmes + 3.35E-7 * Neighborhood NPKVill + 3.34E-7 * Neighborhood NWAmes + 3.32E-7 * Neighborhood NoRidge + 3.32E-7 * Neighborhood NridgHt + 3.34E-7 * Neighborhood OldTown + 3.32E-7 * Neighborhood SWISU + 3.34E-7 * Neighborhood Sawyer + 3.34E-7 * Neighborhood SawyerW + 3.34E-7 * Neighborhood Somerset + 3.34E-7 * Neighborhood StoneBr + 3.32E-7 * Neighborhood Timber - 2.83E-9 * GrLlvArea*Neighborho Blmgtn + 1.94E-9 * GrLlvArea*Neighborho Blueste - 2.84E-9 * GrLlvArea*Neighborho BrDale - 2.83E-9 * GrLlvArea*Neighborho BrkSide - 2.83E-9 * GrLlvArea*Neighborho ClearCr - 2.83E-9 * GrLlvArea*Neighborho CollgCr - 2.83E-9 * GrLlvArea*Neighborho Crawfor - 2.83E-9 * GrLlvArea*Neighborho Edwards - 2.83E-9 * GrLlvArea*Neighborho Gilbert - 2.83E-9 * GrLlvArea*Neighborho IDOTRR - 2.82E-9 * GrLlvArea*Neighborho MeadowV - 2.83E-9 * GrLlvArea*Neighborho Mitchel - 2.83E-9 * GrLlvArea*Neighborho NAmes - 2.83E-9 * GrLlvArea*Neighborho NPKVill - 2.83E-9 * GrLlvArea*Neighborho NWAmes - 2.83E-9 * GrLlvArea*Neighborho NoRidge - 2.83E-9 * GrLlvArea*Neighborho NridgHt - 2.83E-9 * GrLlvArea*Neighborho OldTown - 2.83E-9 * GrLlvArea*Neighborho </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle Timber 1.5F =	SWISU - 2.83E-9 * GrLlvArea*Neighborhood Sawyer - 2.83E-9 * GrLlvArea*Neighborhood SawyerW - 2.83E-9 * GrLlvArea*Neighborhood Somerset - 2.83E-9 * GrLlvArea*Neighborhood StoneBr - 2.83E-9 * GrLlvArea*Neighborhood Timber + 396E-16 * LotArea*Neighborhood Blmngtn + 397E-16 * LotArea*Neighborhood BrDale + 399E-16 * LotArea*Neighborhood BrkSide + 399E-16 * LotArea*Neighborhood ClearCr + 399E-16 * LotArea*Neighborhood CollgCr + 399E-16 * LotArea*Neighborhood Crawfor + 399E-16 * LotArea*Neighborhood Edwards + 398E-16 * LotArea*Neighborhood Gilbert + 399E-16 * LotArea*Neighborhood IDOTRR + 394E-16 * LotArea*Neighborhood MeadowV + 398E-16 * LotArea*Neighborhood Mitchel + 399E-16 * LotArea*Neighborhood NAmes + 401E-16 * LotArea*Neighborhood NPKVill + 398E-16 * LotArea*Neighborhood NWAmes + 398E-16 * LotArea*Neighborhood NoRidge + 399E-16 * LotArea*Neighborhood NridgHt + 399E-16 * LotArea*Neighborhood OldTown + 399E-16 * LotArea*Neighborhood SWISU + 398E-16 * LotArea*Neighborhood Sawyer + 399E-16 * LotArea*Neighborhood SawyerW + 398E-16 * LotArea*Neighborhood Somerset + 399E-16 * LotArea*Neighborhood StoneBr + 399E-16 * LotArea*Neighborhood Timber - 442E-12 * OverallCo*Neighborhood BrDale - 442E-12 * OverallCo*Neighborhood BrkSide - 442E-12 * OverallCo*Neighborhood ClearCr - 442E-12 * OverallCo*Neighborhood CollgCr - 442E-12 * OverallCo*Neighborhood Crawfor - 442E-12 * OverallCo*Neighborhood Edwards - 442E-12 * OverallCo*Neighborhood Gilbert - 442E-12 * OverallCo*Neighborhood IDOTRR - 442E-12 * OverallCo*Neighborhood MeadowV - 442E-12 * OverallCo*Neighborhood Mitchel - 442E-12 * OverallCo*Neighborhood NAmes - 442E-12 * OverallCo*Neighborhood NPKVill - 442E-12 * OverallCo*Neighborhood NWAmes - 441E-12 * OverallCo*Neighborhood NoRidge - 442E-12 * OverallCo*Neighborhood OldTown - 442E-12 * OverallCo*Neighborhood SWISU - 442E-12 * OverallCo*Neighborhood Sawyer - 442E-12 * OverallCo*Neighborhood SawyerW - 441E-12 * OverallCo*Neighborhood Somerset - 441E-12 * OverallCo*Neighborhood StoneBr - 441E-12 * OverallCo*Neighborhood Timber - 157E-12 * YearBuilt*Neighborhood Blmngtn - 157E-12 * YearBuilt*Neighborhood BrDale - 157E-12 * YearBuilt*Neighborhood BrkSide - 157E-12 * YearBuilt*Neighborhood ClearCr - 157E-12 * YearBuilt*Neighborhood CollgCr - 157E-12 * YearBuilt*Neighborhood Crawfor - 157E-12 * YearBuilt*Neighborhood Edwards - 157E-12 * YearBuilt*Neighborhood Gilbert - 157E-12 * YearBuilt*Neighborhood IDOTRR - 157E-12 * YearBuilt*Neighborhood MeadowV - 157E-12 * YearBuilt*Neighborhood Mitchel - 157E-12 * YearBuilt*Neighborhood NAmes - 157E-12 * YearBuilt*Neighborhood NPKVill - 157E-12 * YearBuilt*Neighborhood NWAmes - 157E-12 * YearBuilt*Neighborhood NoRidge - 157E-12 * YearBuilt*Neighborhood NridgHt - 157E-12 * YearBuilt*Neighborhood OldTown - 157E-12 * YearBuilt*Neighborhood SWISU - 157E-12 * YearBuilt*Neighborhood Sawyer - 157E-12 * YearBuilt*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle Timber 1.5F =	SawyerW - 157E-12 * YearBuilt*Neighborhood Somerst - 157E-12 * YearBuilt*Neighborhood StoneBr - 157E-12 * YearBuilt*Neighborhood Timber + 209E-14 * MasVnrAre*Neighborhood Blmgtn + 209E-14 * MasVnrAre*Neighborhood BrDale + 209E-14 * MasVnrAre*Neighborhood BrkSide + 209E-14 * MasVnrAre*Neighborhood ClearCr + 209E-14 * MasVnrAre*Neighborhood CollgCr + 209E-14 * MasVnrAre*Neighborhood Crawfor + 209E-14 * MasVnrAre*Neighborhood Edwards + 209E-14 * MasVnrAre*Neighborhood Gilbert + 209E-14 * MasVnrAre*Neighborhood IDOTRR + 207E-14 * MasVnrAre*Neighborhood MeadowV + 209E-14 * MasVnrAre*Neighborhood Mitchel + 209E-14 * MasVnrAre*Neighborhood NAmes + 209E-14 * MasVnrAre*Neighborhood NWAmes + 209E-14 * MasVnrAre*Neighborhood NoRidge + 209E-14 * MasVnrAre*Neighborhood NridgHt + 209E-14 * MasVnrAre*Neighborhood OldTown + 209E-14 * MasVnrAre*Neighborhood SWISU + 209E-14 * MasVnrAre*Neighborhood Sawyer + 209E-14 * MasVnrAre*Neighborhood SawyerW + 209E-14 * MasVnrAre*Neighborhood Somerst + 209E-14 * MasVnrAre*Neighborhood StoneBr + 209E-14 * MasVnrAre*Neighborhood Timber + 118E-14 * TotalBsmt*Neighborhood Blmgtn + 119E-14 * TotalBsmt*Neighborhood BrDale + 118E-14 * TotalBsmt*Neighborhood BrkSide + 118E-14 * TotalBsmt*Neighborhood ClearCr + 118E-14 * TotalBsmt*Neighborhood CollgCr + 118E-14 * TotalBsmt*Neighborhood Crawfor + 118E-14 * TotalBsmt*Neighborhood Edwards + 118E-14 * TotalBsmt*Neighborhood Gilbert + 118E-14 * TotalBsmt*Neighborhood IDOTRR + 118E-14 * TotalBsmt*Neighborhood MeadowV + 118E-14 * TotalBsmt*Neighborhood Mitchel + 118E-14 * TotalBsmt*Neighborhood NAmes + 118E-14 * TotalBsmt*Neighborhood NPkVill + 118E-14 * TotalBsmt*Neighborhood NWAmes + 118E-14 * TotalBsmt*Neighborhood NoRidge + 118E-14 * TotalBsmt*Neighborhood NridgHt + 118E-14 * TotalBsmt*Neighborhood OldTown + 118E-14 * TotalBsmt*Neighborhood SWISU + 118E-14 * TotalBsmt*Neighborhood Sawyer + 118E-14 * TotalBsmt*Neighborhood SawyerW + 118E-14 * TotalBsmt*Neighborhood Somerst + 118E-14 * TotalBsmt*Neighborhood StoneBr + 118E-14 * TotalBsmt*Neighborhood Timber + 915E-12 * FullBath*Neighborhood Blmgtn + 916E-12 * FullBath*Neighborhood BrDale + 915E-12 * FullBath*Neighborhood BrkSide + 915E-12 * FullBath*Neighborhood ClearCr + 915E-12 * FullBath*Neighborhood CollgCr + 915E-12 * FullBath*Neighborhood Crawfor + 915E-12 * FullBath*Neighborhood Edwards + 914E-12 * FullBath*Neighborhood Gilbert + 915E-12 * FullBath*Neighborhood IDOTRR + 918E-12 * FullBath*Neighborhood MeadowV + 915E-12 * FullBath*Neighborhood Mitchel + 915E-12 * FullBath*Neighborhood NAmes + 915E-12 * FullBath*Neighborhood NWAmes + 915E-12 * FullBath*Neighborhood NoRidge + 915E-12 * FullBath*Neighborhood NridgHt + 915E-12 * FullBath*Neighborhood OldTown + 915E-12 * FullBath*Neighborhood SWISU + 915E-12 * FullBath*Neighborhood Sawyer + 915E-12 * FullBath*Neighborhood SawyerW + 915E-12 * FullBath*Neighborhood Somerst + 915E-12 * FullBath*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Neighborhood*HouseStyle Timber 1.5F =	StoneBr + 916E-12 * FullBath*Neighborhood Timber - 223E-12 * Fireplace*Neighborhood Blmngtn - 223E-12 * Fireplace*Neighborhood BrDale - 223E-12 * Fireplace*Neighborhood BrkSide - 223E-12 * Fireplace*Neighborhood ClearCr - 223E-12 * Fireplace*Neighborhood CollgCr - 223E-12 * Fireplace*Neighborhood Crawfor - 223E-12 * Fireplace*Neighborhood Edwards - 223E-12 * Fireplace*Neighborhood Gilbert - 223E-12 * Fireplace*Neighborhood IDOTRR - 225E-12 * Fireplace*Neighborhood MeadowV - 223E-12 * Fireplace*Neighborhood Mitchel - 223E-12 * Fireplace*Neighborhood NAmes - 223E-12 * Fireplace*Neighborhood NPkVill - 223E-12 * Fireplace*Neighborhood NWAmes - 223E-12 * Fireplace*Neighborhood NoRidge - 223E-12 * Fireplace*Neighborhood NridgHt - 223E-12 * Fireplace*Neighborhood OldTown - 223E-12 * Fireplace*Neighborhood SWISU - 223E-12 * Fireplace*Neighborhood Sawyer - 223E-12 * Fireplace*Neighborhood SawyerW - 223E-12 * Fireplace*Neighborhood Somerst - 223E-12 * Fireplace*Neighborhood StoneBr - 223E-12 * Fireplace*Neighborhood Timber - 2.73E-9 * Neighborhood*BldgType Blmngtn 1Fa - 2.73E-9 * Neighborhood*BldgType CollgCr 1Fa - 2.73E-9 * Neighborhood*BldgType Crawfor 1Fa - 2.73E-9 * Neighborhood*BldgType Crawfor 2fm - 2.73E-9 * Neighborhood*BldgType Edwards 1Fa - 2.73E-9 * Neighborhood*BldgType Edwards 2fm - 2.73E-9 * Neighborhood*BldgType IDOTRR 1Fam - 2.73E-9 * Neighborhood*BldgType IDOTRR 2fmc - 2.73E-9 * Neighborhood*BldgType Mitchel 1Fa - 2.72E-9 * Neighborhood*BldgType Mitchel 2fm - 2.73E-9 * Neighborhood*BldgType NAmes 1Fam - 2.73E-9 * Neighborhood*BldgType NWAmes 1Fam - 2.73E-9 * Neighborhood*BldgType NridgHt 1Fa - 2.73E-9 * Neighborhood*BldgType OldTown 1Fa - 2.73E-9 * Neighborhood*BldgType OldTown 2fm - 2.73E-9 * Neighborhood*BldgType Sawyer 1Fam - 2.73E-9 * Neighborhood*BldgType Sawyer 2fmc - 2.73E-9 * Neighborhood*BldgType SawyerW 1Fa - 2.73E-9 * Neighborhood*BldgType Somerst 1Fa - 2.73E-9 * Neighborhood*BldgType StoneBr 1Fa - Neighborhood*HouseStyle BrkSide 1.5 - 707E-12 * Neighborhood*HouseStyle BrkSide 1St - Neighborhood*HouseStyle ClearCr 1.5 - 708E-12 * Neighborhood*HouseStyle ClearCr 1St - 709E-12 * Neighborhood*HouseStyle CollgCr 1St - Neighborhood*HouseStyle Crawfor 1.5 - 706E-12 * Neighborhood*HouseStyle Crawfor 1St - Neighborhood*HouseStyle Edwards 1.5 - 708E-12 * Neighborhood*HouseStyle Edwards 1St - Neighborhood*HouseStyle Gilbert 1.5 - 708E-12 * Neighborhood*HouseStyle Gilbert 1St - Neighborhood*HouseStyle IDOTRR 1.5F - 707E-12 * Neighborhood*HouseStyle IDOTRR 1Sto - 703E-12 * Neighborhood*HouseStyle MeadowV 1St - Neighborhood*HouseStyle Mitchel 1.5 - 708E-12 * Neighborhood*HouseStyle Mitchel 1St - Neighborhood*HouseStyle NAmes 1.5Fi - 709E-12 * Neighborhood*HouseStyle NAmes 1Stor - 709E-12 * Neighborhood*HouseStyle NPkVill 1St - Neighborhood*HouseStyle NWAmes 1.5F - 708E-12 * Neighborhood*HouseStyle NWAmes 1Sto - Neighborhood*HouseStyle NoRidge 1.5 - 706E-12 * Neighborhood*HouseStyle NoRidge 1St - 706E-12 * Neighborhood*HouseStyle NridgHt 1St - Neighborhood*HouseStyle OldTown
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle Timber 1.5F =	1.5 - 708E-12 * Neighborh*HouseStyle OldTown 1St - Neighborh*HouseStyle SWISU 1.5Fi - 706E-12 * Neighborh*HouseStyle SWISU 1Stor - Neighborh*HouseStyle Sawyer 1.5F - 708E-12 * Neighborh*HouseStyle Sawyer 1Sto - Neighborh*HouseStyle SawyerW 1.5 - 708E-12 * Neighborh*HouseStyle SawyerW 1St - 707E-12 * Neighborh*HouseStyle Somerst 1St - 706E-12 * Neighborh*HouseStyle StoneBr 1St + 708E-12 * Neighborh*HouseStyle Timber 1Sto - 65E-13 * GarageCars + 233E-17 * YearBuilt*Garage Cars + 193E-14 * GarageCar*Neighborho BrkSide + 183E-14 * GarageCar*Neighborho ClearCr + 133E-14 * GarageCar*Neighborho CollgCr + 154E-14 * GarageCar*Neighborho Crawfor + 151E-14 * GarageCar*Neighborho Edwards + 175E-14 * GarageCar*Neighborho Gilbert + 165E-14 * GarageCar*Neighborho Mitchel + 157E-14 * GarageCar*Neighborho NAmes + 154E-14 * GarageCar*Neighborho NoRidge + 155E-14 * GarageCar*Neighborho NridgHt + 179E-14 * GarageCar*Neighborho OldTown + 167E-14 * GarageCar*Neighborho Sawyer + 159E-14 * GarageCar*Neighborho SawyerW + 148E-14 * GarageCar*Neighborho Somerst
Neighborh*HouseStyle Timber 1.5U =	0
Neighborh*HouseStyle Timber 2.5F =	0
Neighborh*HouseStyle Timber 2.5U =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

NeighborhoodHouseStyle Timber 2Sto =	<pre> -78.8045 * Intercept - 1.13458 * GrLlvArea_I - 9.65E-6 * Lot Area + 0.13706 * OverallCond + 0.04274 * YearBuilt - 181E-18 * LotArea*YearBuilt + 0.00366 * MasVnrArea + 554E-15 * GrLlv Area*MasVnrArea + 0.00091 * TotalBsmtSF - 625E-15 * Overall Co*TotalBsmtS - 0.24663 * FullBath - 1.62E-9 * GrLlvArea_I*Full Bath + 0.05324 * Fireplaces + 83E-11 * GrLlvArea*Fireplaces + 189E-16 * TotalBsmt*Fireplaces + 4.53E-9 * LotConfig Corner - 4.07E-8 * LotConfig CulDSac + 6.61E-8 * LotConfig FR2 - 2.13E-8 * LotConfig FR3 - 252E-14 * YearBuilt*LotConfig Corner + 209E-13 * YearBuilt*LotConfig CulDSac - 317E-13 * YearBuilt*LotConfig FR2 + 107E-13 * YearBuilt*LotConfig FR3 + 0.66679 * BldgType 1Fam + 221E-12 * BldgType 2fmCon - 536E-12 * BldgType Duplex - 7.4E-9 * BldgType Twnhs + 54E-11 * HouseStyle 1.5Fin + 0.66679 * HouseStyle 1.5Unf + 0.07722 * HouseStyle 1Story + 1.66679 * HouseStyle 2.5Fin + 0.66679 * HouseStyle 2.5Unf + 1 * HouseStyle 2Story + 1.4E-9 * HouseStyle SFoyer + 603E-16 * LotArea*HouseStyle 1.5Fin - 477E-16 * LotArea*HouseStyle 1.5Unf + 602E-16 * LotArea*HouseStyle 1Story - 104E-14 * LotArea*HouseStyle 2.5Fin + 298E-15 * LotArea*HouseStyle 2.5Unf + 703E-16 * LotArea*HouseStyle 2Story + 385E-17 * LotArea*HouseStyle SFoyer - 738E-12 * Fireplace*HouseStyle 1.5Fin - 239E-12 * Fireplace*HouseStyle 1.5Unf - 417E-12 * Fireplace*HouseStyle 1Story + 2.18E-9 * Fireplace*HouseStyle 2.5Fin - 1.36E-9 * Fireplace*HouseStyle 2.5Unf - 593E-12 * Fireplace*HouseStyle 2Story - 136E-12 * Fireplace*HouseStyle SFoyer - 895E-12 * BldgType*HouseStyle 1Fam 1.5Fin - 0.66679 * BldgType*HouseStyle 1Fam 1.5Unf - 718E-13 * BldgType*HouseStyle 1Fam 1Story - 0.66679 * BldgType*HouseStyle 1Fam 2.5Fin - 0.66679 * BldgType*HouseStyle 1Fam 2.5Unf - 682E-13 * BldgType*HouseStyle 1Fam 2Story + 121E-12 * BldgType*HouseStyle 1Fam SFoyer + 0.66679 * BldgType*HouseStyle 2fmCon 1.5Fi + 0.66679 * BldgType*HouseStyle 2fmCon 1Stor + 0.66679 * BldgType*HouseStyle 2fmCon 2Stor - 369E-13 * BldgType*HouseStyle Duplex 1Stor - 104E-12 * BldgType*HouseStyle Duplex 2Stor + 47E-11 * BldgType*HouseStyle Duplex SFoye + 6.82E-9 * BldgType*HouseStyle Twnhs 1Story + 6.37E-9 * BldgType*HouseStyle Twnhs 2Story + 3.77E-9 * BldgType*HouseStyle Twnhs SFoyer + 78.042 * Neighborhood Blmngtn - 11.3356 * Neighborhood Blueste + 77.8045 * Neighborhood BrDale + 77.1377 * Neighborhood BrkSide + 78.1377 * Neighborhood ClearCr + 78.8045 * Neighborhood CollgCr + 77.8045 * Neighborhood Crawfor + 78.8045 * Neighborhood Edwards + 78.1377 * Neighborhood Gilbert + 77.8045 * Neighborhood IDOTRR + 78.8045 * Neighborhood MeadowV + 78.8045 * Neighborhood Mitchel + 78.8045 * Neighborhood NAmes + 78.2978 * Neighborhood NPKVill + 78.8045 * Neighborhood NWAmes + 77.1377 * Neighborhood NoRidge + 77.1192 * Neighborhood NridgHt + 78.8045 * Neighborhood OldTown + 77.1377 * Neighborhood SWISU + 78.8045 * Neighborhood Sawyer + 78.8045 * Neighborhood SawyerW + 77.8045 * Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

NeighborhoodHouseStyle Timber 2Sto =	Somerset + 77.8045 * Neighborhood StoneBr + 78.1377 * Neighborhood Timber + 1.13458 * GrLlvArea*Neighborhood Blmngtn + 1.61111 * GrLlvArea*Neighborhood Blueste + 1.13458 * GrLlvArea*Neighborhood BrDale + 1.13458 * GrLlvArea*Neighborhood BrkSide + 1.13458 * GrLlvArea*Neighborhood ClearCr + 1.13458 * GrLlvArea*Neighborhood CollgCr + 1.13458 * GrLlvArea*Neighborhood Crawfor + 1.13458 * GrLlvArea*Neighborhood Edwards + 1.13458 * GrLlvArea*Neighborhood Gilbert + 1.13458 * GrLlvArea*Neighborhood IDOTRR + 1.13458 * GrLlvArea*Neighborhood MeadowV + 1.13458 * GrLlvArea*Neighborhood Mitchel + 1.13458 * GrLlvArea*Neighborhood NAmes + 1.13458 * GrLlvArea*Neighborhood NPKVill + 1.13458 * GrLlvArea*Neighborhood NWAmes + 1.13458 * GrLlvArea*Neighborhood NoRidge + 1.13458 * GrLlvArea*Neighborhood NridgHt + 1.13458 * GrLlvArea*Neighborhood OldTown + 1.13458 * GrLlvArea*Neighborhood SWISU + 1.13458 * GrLlvArea*Neighborhood Sawyer + 1.13458 * GrLlvArea*Neighborhood SawyerW + 1.13458 * GrLlvArea*Neighborhood Somerset + 1.13458 * GrLlvArea*Neighborhood StoneBr + 1.13458 * GrLlvArea*Neighborhood Timber + 9.65E-6 * LotArea*Neighborhood Blmngtn + 9.65E-6 * LotArea*Neighborhood BrDale + 9.65E-6 * LotArea*Neighborhood BrkSide + 9.65E-6 * LotArea*Neighborhood ClearCr + 9.65E-6 * LotArea*Neighborhood CollgCr + 9.65E-6 * LotArea*Neighborhood Crawfor + 9.65E-6 * LotArea*Neighborhood Edwards + 9.65E-6 * LotArea*Neighborhood Gilbert + 9.65E-6 * LotArea*Neighborhood IDOTRR + 9.65E-6 * LotArea*Neighborhood MeadowV + 9.65E-6 * LotArea*Neighborhood Mitchel + 9.65E-6 * LotArea*Neighborhood NAmes + 9.65E-6 * LotArea*Neighborhood NPKVill + 9.65E-6 * LotArea*Neighborhood NWAmes + 9.65E-6 * LotArea*Neighborhood NoRidge + 9.65E-6 * LotArea*Neighborhood NridgHt + 9.65E-6 * LotArea*Neighborhood OldTown + 9.65E-6 * LotArea*Neighborhood SWISU + 9.65E-6 * LotArea*Neighborhood Sawyer + 9.65E-6 * LotArea*Neighborhood SawyerW + 9.65E-6 * LotArea*Neighborhood Somerset + 9.65E-6 * LotArea*Neighborhood StoneBr + 9.65E-6 * LotArea*Neighborhood Timber - 0.13706 * OverallCo*Neighborhood BrDale - 0.13706 * OverallCo*Neighborhood BrkSide - 0.13706 * OverallCo*Neighborhood ClearCr - 0.13706 * OverallCo*Neighborhood CollgCr - 0.13706 * OverallCo*Neighborhood Crawfor - 0.13706 * OverallCo*Neighborhood Edwards - 0.13706 * OverallCo*Neighborhood Gilbert - 0.13706 * OverallCo*Neighborhood IDOTRR - 0.13706 * OverallCo*Neighborhood MeadowV - 0.13706 * OverallCo*Neighborhood Mitchel - 0.13706 * OverallCo*Neighborhood NAmes - 0.13706 * OverallCo*Neighborhood NPKVill - 0.13706 * OverallCo*Neighborhood NWAmes - 0.13706 * OverallCo*Neighborhood NoRidge - 0.13706 * OverallCo*Neighborhood OldTown - 0.13706 * OverallCo*Neighborhood SWISU - 0.13706 * OverallCo*Neighborhood Sawyer - 0.13706 * OverallCo*Neighborhood SawyerW - 0.13706 * OverallCo*Neighborhood Somerset - 0.13706 * OverallCo*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborhood*HouseStyle Timber 2Sto =	Timber + 0.24663 * FullBath*Neighborhood Blmgtn + 0.24663 * FullBath*Neighborhood BrDale + 0.24663 * FullBath*Neighborhood BrkSide + 0.24663 * FullBath*Neighborhood ClearCr + 0.24663 * FullBath*Neighborhood CollgCr + 0.24663 * FullBath*Neighborhood Crawfor + 0.24663 * FullBath*Neighborhood Edwards + 0.24663 * FullBath*Neighborhood Gilbert + 0.24663 * FullBath*Neighborhood IDOTRR + 0.24663 * FullBath*Neighborhood MeadowV + 0.24663 * FullBath*Neighborhood Mitchel + 0.24663 * FullBath*Neighborhood NAmes + 0.24663 * FullBath*Neighborhood NWAmes + 0.24663 * FullBath*Neighborhood NoRidge + 0.24663 * FullBath*Neighborhood NridgHt + 0.24663 * FullBath*Neighborhood OldTown + 0.24663 * FullBath*Neighborhood SWISU + 0.24663 * FullBath*Neighborhood Sawyer + 0.24663 * FullBath*Neighborhood SawyerW + 0.24663 * FullBath*Neighborhood Somerst + 0.24663 * FullBath*Neighborhood StoneBr + 0.24663 * FullBath*Neighborhood Timber - 0.05324 * Fireplace*Neighborhood Blmgtn - 0.05324 * Fireplace*Neighborhood BrDale - 0.05324 * Fireplace*Neighborhood BrkSide - 0.05324 * Fireplace*Neighborhood ClearCr - 0.05324 * Fireplace*Neighborhood CollgCr - 0.05324 * Fireplace*Neighborhood Crawfor - 0.05324 * Fireplace*Neighborhood Edwards - 0.05324 * Fireplace*Neighborhood Gilbert - 0.05324 * Fireplace*Neighborhood IDOTRR - 0.05324 * Fireplace*Neighborhood MeadowV - 0.05324 * Fireplace*Neighborhood Mitchel - 0.05324 * Fireplace*Neighborhood NAmes - 0.05324 * Fireplace*Neighborhood NPKVill - 0.05324 * Fireplace*Neighborhood NWAmes - 0.05324 * Fireplace*Neighborhood NoRidge - 0.05324 * Fireplace*Neighborhood NridgHt - 0.05324 * Fireplace*Neighborhood OldTown - 0.05324 * Fireplace*Neighborhood SWISU - 0.05324 * Fireplace*Neighborhood Sawyer - 0.05324 * Fireplace*Neighborhood SawyerW - 0.05324 * Fireplace*Neighborhood Somerst - 0.05324 * Fireplace*Neighborhood StoneBr - 0.05324 * Fireplace*Neighborhood Timber - 0.66679 * Neighborhood*BldgType Blmgtn 1Fa - 825E-12 * Neighborhood*BldgType BrDale Twnh - 1.46E-9 * Neighborhood*BldgType BrkSide 1Fa - 0.66679 * Neighborhood*BldgType CollgCr 1Fa - 0.66679 * Neighborhood*BldgType Crawfor 1Fa - 0.66679 * Neighborhood*BldgType Crawfor 2fm + 594E-12 * Neighborhood*BldgType Crawfor Dup - 0.66679 * Neighborhood*BldgType Edwards 1Fa - 0.66679 * Neighborhood*BldgType Edwards 2fm + 1.03E-9 * Neighborhood*BldgType Edwards Dup + 702E-12 * Neighborhood*BldgType Edwards Twn - 554E-12 * Neighborhood*BldgType Gilbert 1Fa - 0.66679 * Neighborhood*BldgType IDOTRR 1Fam - 0.66679 * Neighborhood*BldgType IDOTRR 2fmc + 3.92E-9 * Neighborhood*BldgType MeadowV Twn - 0.66679 * Neighborhood*BldgType Mitchel 1Fa - 0.66679 * Neighborhood*BldgType Mitchel 2fm + 3.42E-9 * Neighborhood*BldgType Mitchel Dup + 234E-12 * Neighborhood*BldgType Mitchel Twn - 0.66679 * Neighborhood*BldgType NAmes 1Fam - 427E-12 * Neighborhood*BldgType NAmes Duple - 4.15E-9 * Neighborhood*BldgType NPKVill Twn - 0.66679 * Neighborhood*BldgType NWAmes 1Fam - 0.66679 * Neighborhood*BldgType NridgHt
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighbor*HouseStyle Timber 2Sto =	1Fa + 131E-13 * Neighborhoo*BldgType NridgHt Twn - 0.66679 * Neighborhoo*BldgType OldTown 1Fa - 0.66679 * Neighborhoo*BldgType OldTown 2fm - 54E-11 * Neighborhoo*BldgType SWISU 1Fam - 0.66679 * Neighborhoo*BldgType Sawyer 1Fam - 0.66679 * Neighborhoo*BldgType Sawyer 2fmc - 0.66679 * Neighborhoo*BldgType SawyerW 1Fa - 0.66679 * Neighborhoo*BldgType Somerst 1Fa - 0.66679 * Neighborhoo*BldgType StoneBr 1Fa + 1 * Neighborh*HouseStyle BrkSide 1.5 + 1 * Neighborh*HouseStyle BrkSide 1.2 + 0.92278 * Neighborh*HouseStyle BrkSide 1St + 1 * Neighborh*HouseStyle BrkSide 2.2 + 1.31E-9 * Neighborh*HouseStyle ClearCr 1.5 - 0.07722 * Neighborh*HouseStyle ClearCr 1St - 1 * Neighborh*HouseStyle ClearCr 2St - 0.07722 * Neighborh*HouseStyle CollgCr 1St - 1 * Neighborh*HouseStyle CollgCr 2St - 793E-12 * Neighborh*HouseStyle CollgCr SFo + 1 * Neighborh*HouseStyle Crawfor 1.5 + 1 * Neighborh*HouseStyle Crawfor 1.2 + 0.92278 * Neighborh*HouseStyle Crawfor 1St - 1.15E-9 * Neighborh*HouseStyle Crawfor 2.5 + 1 * Neighborh*HouseStyle Crawfor 2.2 + 965E-13 * Neighborh*HouseStyle Edwards 1.5 - 0.07722 * Neighborh*HouseStyle Edwards 1St - 1 * Neighborh*HouseStyle Edwards 2St - 749E-12 * Neighborh*HouseStyle Edwards SFo - 291E-12 * Neighborh*HouseStyle Gilbert 1.5 - 0.07722 * Neighborh*HouseStyle Gilbert 1St - 1 * Neighborh*HouseStyle Gilbert 2St + 1 * Neighborh*HouseStyle IDOTRR 1.5F + Neighborh*HouseStyle IDOTRR 1.5U + 0.92278 * Neighborh*HouseStyle IDOTRR 1Sto + 1 * Neighborh*HouseStyle IDOTRR 2.5U - 0.07722 * Neighborh*HouseStyle MeadowV 1St - 1 * Neighborh*HouseStyle MeadowV 2St - 218E-12 * Neighborh*HouseStyle Mitchel 1.5 - 0.07722 * Neighborh*HouseStyle Mitchel 1St - 1 * Neighborh*HouseStyle Mitchel 2St - 589E-12 * Neighborh*HouseStyle Mitchel SFo - 697E-12 * Neighborh*HouseStyle NAmes 1.5Un - 0.07722 * Neighborh*HouseStyle NAmes 1Stor - 1 * Neighborh*HouseStyle NAmes 2Stor - 904E-13 * Neighborh*HouseStyle NAmes SFoye + 0.92278 * Neighborh*HouseStyle NPkVill 1St - 969E-12 * Neighborh*HouseStyle NWAmes 1.5F - 0.07722 * Neighborh*HouseStyle NWAmes 1Sto - 1 * Neighborh*HouseStyle NWAmes 2Sto + 701E-12 * Neighborh*HouseStyle NWAmes SFoy + 1 * Neighborh*HouseStyle NoRidge 1.5 + 0.92278 * Neighborh*HouseStyle NoRidge 1St + 0.92278 * Neighborh*HouseStyle NridgHt 1St + 691E-12 * Neighborh*HouseStyle OldTown 1.5 + 878E-13 * Neighborh*HouseStyle OldTown 1.2 - 0.07722 * Neighborh*HouseStyle OldTown 1St - 1 * Neighborh*HouseStyle OldTown 2.5 - 1 * Neighborh*HouseStyle OldTown 2St + 1 * Neighborh*HouseStyle SWISU 1.5Fi + 0.92278 * Neighborh*HouseStyle SWISU 1Stor + 913E-13 * Neighborh*HouseStyle Sawyer 1.5F - 0.07722 * Neighborh*HouseStyle Sawyer 1Sto - 1 * Neighborh*HouseStyle Sawyer 2Sto - 383E-12 * Neighborh*HouseStyle Sawyer SFoy + 798E-12 * Neighborh*HouseStyle SawyerW 1.5 - 0.07722 * Neighborh*HouseStyle SawyerW 1St - 1 * Neighborh*HouseStyle SawyerW 2St + 0.92278 * Neighborh*HouseStyle Somerst 1St + 0.92278 * Neighborh*HouseStyle StoneBr
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Neighborh*HouseStyle Timber 2Sto =	1St - 0.07722 * Neighborh*HouseStyle Timber 1Sto - 7.07E-9 * GarageCars + 226E-14 * YearBuilt*Garage Cars - 25E-15 * TotalBsmt*GarageCars - 527E-14 * Fireplace* GarageCars + 223E-12 * GarageCars*BldgType 1Fam - 2E-10 * GarageCars*BldgType 2fmCon - 14E-11 * GarageCars*BldgType Duplex - 2E-10 * GarageCars*BldgType Twnhs + 311E-13 * GarageCar*HouseStyle 1.5Fin - 205E-12 * GarageCar*HouseStyle 1.5Unf + 445E-12 * GarageCar*HouseStyle 1Story - 4.44E-9 * GarageCar*HouseStyle 2.5Fin + 161E-12 * GarageCar*HouseStyle 2.5Unf + 263E-12 * GarageCar*HouseStyle 2Story + 546E-12 * GarageCar*HouseStyle SFoyer + 16E-11 * GarageCar*Neighborho Blmgtn + 3.19E-9 * GarageCar*Neighborho BrDale + 2.68E-9 * GarageCar*Neighborho BrkSide + 2.6E-9 * GarageCar*Neighborho ClearCr + 1.69E-9 * GarageCar*Neighborho CollgCr + 1.99E-9 * GarageCar*Neighborho Crawfor + 1.94E-9 * GarageCar*Neighborho Edwards + 2.55E-9 * GarageCar*Neighborho Gilbert + 2.29E-9 * GarageCar*Neighborho IDOTRR + 2.25E-9 * GarageCar*Neighborho MeadowV + 2.22E-9 * GarageCar*Neighborho Mitchel + 2.05E-9 * GarageCar*Neighborho NAmes + 2.02E-9 * GarageCar*Neighborho NoRidge + 2.1E-9 * GarageCar*Neighborho NridgHt + 2.43E-9 * GarageCar*Neighborho OldTown + 2.36E-9 * GarageCar*Neighborho SWISU + 2.21E-9 * GarageCar*Neighborho Sawyer + 2.18E-9 * GarageCar*Neighborho SawyerW + 1.98E-9 * GarageCar*Neighborho Somerst + 1.13E-9 * GarageCar*Neighborho StoneBr
Neighborh*HouseStyle Timber SFoy =	0

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

GarageCar*Neighborhood Blueste =	<pre> -7.71E-9 * Intercept + 656E-13 * GrLlvArea_I - 909E-18 * Lot Area + 102E-13 * OverallCond + 362E-14 * YearBuilt - 487E-16 * MasVnrArea - 275E-16 * TotalBsmtSF - 21E-12 * FullBath + 501E-14 * Fireplaces + 628E-13 * BldgType 1Fam + 628E-13 * HouseStyle 1.5Unf + 164E-13 * HouseStyle 1Story + 63E-12 * HouseStyle 2.5Fin + 628E-13 * HouseStyle 2.5Unf - 628E-13 * BldgType*HouseStyle 1Fam 1.5Unf - 63E-12 * BldgType*HouseStyle 1Fam 2.5Fin - 628E-13 * BldgType*HouseStyle 1Fam 2.5Unf + 628E-13 * BldgType*HouseStyle 2fmCon 1.5Fi + 628E-13 * BldgType*HouseStyle 2fmCon 1Stor + 628E-13 * BldgType*HouseStyle 2fmCon 2Stor + 7.61E-9 * Neighborhood Blmngtn + 2 * Neighborhood Blueste + 7.94E-9 * Neighborhood BrDale + 7.65E-9 * Neighborhood BrkSide + 7.65E-9 * Neighborhood ClearCr + 7.71E-9 * Neighborhood CollgCr + 7.71E-9 * Neighborhood Crawfor + 7.71E-9 * Neighborhood Edwards + 7.65E-9 * Neighborhood Gilbert + 7.71E-9 * Neighborhood IDOTRR + 7.68E-9 * Neighborhood MeadowV + 7.71E-9 * Neighborhood Mitchel + 7.71E-9 * Neighborhood NAmes + 7.8E-9 * Neighborhood NPKVill + 7.71E-9 * Neighborhood NWAmes + 7.65E-9 * Neighborhood NoRidge + 7.66E-9 * Neighborhood NridgHt + 7.71E-9 * Neighborhood OldTown + 7.65E-9 * Neighborhood SWISU + 7.71E-9 * Neighborhood Sawyer + 7.71E-9 * Neighborhood SawyerW + 7.71E-9 * Neighborhood Somerst + 7.71E-9 * Neighborhood StoneBr + 7.65E-9 * Neighborhood Timber - 655E-13 * GrLlvArea*Neighborho Blmngtn + 451E-13 * GrLlvArea*Neighborho Blueste - 696E-13 * GrLlvArea*Neighborho BrDale - 656E-13 * GrLlvArea*Neighborho BrkSide - 656E-13 * GrLlvArea*Neighborho ClearCr - 656E-13 * GrLlvArea*Neighborho CollgCr - 656E-13 * GrLlvArea*Neighborho Crawfor - 655E-13 * GrLlvArea*Neighborho Edwards - 656E-13 * GrLlvArea*Neighborho Gilbert - 656E-13 * GrLlvArea*Neighborho IDOTRR - 652E-13 * GrLlvArea*Neighborho MeadowV - 655E-13 * GrLlvArea*Neighborho Mitchel - 656E-13 * GrLlvArea*Neighborho NAmes - 651E-13 * GrLlvArea*Neighborho NPKVill - 655E-13 * GrLlvArea*Neighborho NWAmes - 655E-13 * GrLlvArea*Neighborho NoRidge - 655E-13 * GrLlvArea*Neighborho NridgHt - 655E-13 * GrLlvArea*Neighborho OldTown - 655E-13 * GrLlvArea*Neighborho SWISU - 655E-13 * GrLlvArea*Neighborho Sawyer - 655E-13 * GrLlvArea*Neighborho SawyerW - 655E-13 * GrLlvArea*Neighborho Somerst - 655E-13 * GrLlvArea*Neighborho StoneBr - 656E-13 * GrLlvArea*Neighborho Timber + 921E-18 * LotArea*Neighborhood BrkSide + 921E-18 * LotArea*Neighborhood ClearCr + 921E-18 * LotArea*Neighborhood CollgCr + 92E-17 * LotArea*Neighborhood Crawfor + 921E-18 * LotArea*Neighborhood Edwards + 92E-17 * LotArea*Neighborhood Gilbert + 921E-18 * LotArea*Neighborhood IDOTRR + 92E-17 * LotArea*Neighborhood Mitchel + 921E-18 * LotArea*Neighborhood NAmes + 92E-17 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

GarageCar*Neighborhood Blueste =	NWAmes + 92E-17 * LotArea*Neighborhood NoRidge + 921E-18 * LotArea*Neighborhood NridgHt + 92E-17 * LotArea*Neighborhood OldTown + 92E-17 * LotArea*Neighborhood SWISU + 92E-17 * LotArea*Neighborhood Sawyer + 922E-18 * LotArea*Neighborhood SawyerW + 919E-18 * LotArea*Neighborhood Somerst + 921E-18 * LotArea*Neighborhood StoneBr + 921E-18 * LotArea*Neighborhood Timber - 103E-13 * OverallCo*Neighborhood BrDale - 102E-13 * OverallCo*Neighborhood BrkSide - 102E-13 * OverallCo*Neighborhood ClearCr - 102E-13 * OverallCo*Neighborhood CollgCr - 102E-13 * OverallCo*Neighborhood Crawfor - 102E-13 * OverallCo*Neighborhood Edwards - 102E-13 * OverallCo*Neighborhood Gilbert - 102E-13 * OverallCo*Neighborhood IDOTRR - 102E-13 * OverallCo*Neighborhood MeadowV - 102E-13 * OverallCo*Neighborhood Mitchel - 102E-13 * OverallCo*Neighborhood NAMES - 103E-13 * OverallCo*Neighborhood NPKVILL - 102E-13 * OverallCo*Neighborhood NWAmes - 102E-13 * OverallCo*Neighborhood NoRidge - 102E-13 * OverallCo*Neighborhood OldTown - 102E-13 * OverallCo*Neighborhood SWISU - 102E-13 * OverallCo*Neighborhood Sawyer - 102E-13 * OverallCo*Neighborhood SawyerW - 102E-13 * OverallCo*Neighborhood Somerst - 102E-13 * OverallCo*Neighborhood StoneBr - 102E-13 * OverallCo*Neighborhood Timber - 361E-14 * YearBuilt*Neighborhood Blmgtn - 373E-14 * YearBuilt*Neighborhood BrDale - 362E-14 * YearBuilt*Neighborhood BrkSide - 362E-14 * YearBuilt*Neighborhood ClearCr - 362E-14 * YearBuilt*Neighborhood CollgCr - 362E-14 * YearBuilt*Neighborhood Crawfor - 362E-14 * YearBuilt*Neighborhood Edwards - 362E-14 * YearBuilt*Neighborhood Gilbert - 362E-14 * YearBuilt*Neighborhood IDOTRR - 361E-14 * YearBuilt*Neighborhood MeadowV - 362E-14 * YearBuilt*Neighborhood Mitchel - 362E-14 * YearBuilt*Neighborhood NAMES - 365E-14 * YearBuilt*Neighborhood NPKVILL - 362E-14 * YearBuilt*Neighborhood NWAmes - 363E-14 * YearBuilt*Neighborhood NoRidge - 362E-14 * YearBuilt*Neighborhood NridgHt - 362E-14 * YearBuilt*Neighborhood OldTown - 362E-14 * YearBuilt*Neighborhood SWISU - 362E-14 * YearBuilt*Neighborhood Sawyer - 362E-14 * YearBuilt*Neighborhood SawyerW - 363E-14 * YearBuilt*Neighborhood Somerst - 362E-14 * YearBuilt*Neighborhood StoneBr - 363E-14 * YearBuilt*Neighborhood Timber + 493E-16 * MasVnrAre*Neighborhood BrDale + 487E-16 * MasVnrAre*Neighborhood ClearCr + 487E-16 * MasVnrAre*Neighborhood CollgCr + 487E-16 * MasVnrAre*Neighborhood Crawfor + 487E-16 * MasVnrAre*Neighborhood Edwards + 487E-16 * MasVnrAre*Neighborhood Gilbert + 487E-16 * MasVnrAre*Neighborhood Mitchel + 487E-16 * MasVnrAre*Neighborhood NAMES + 487E-16 * MasVnrAre*Neighborhood NWAmes + 487E-16 * MasVnrAre*Neighborhood NoRidge + 487E-16 * MasVnrAre*Neighborhood NridgHt + 487E-16 * MasVnrAre*Neighborhood OldTown + 487E-16 * MasVnrAre*Neighborhood Sawyer + 487E-16 * MasVnrAre*Neighborhood SawyerW + 487E-16 * MasVnrAre*Neighborhood Somerst + 487E-16 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

GarageCar*Neighborhood Blueste =	<pre> StoneBr + 487E-16 * MasVnrAre*Neighborhood Timber + 275E-16 * TotalBsmt*Neighborhood Blmngtn + 324E-16 * TotalBsmt*Neighborhood BrDale + 275E-16 * TotalBsmt*Neighborhood BrkSide + 275E-16 * TotalBsmt*Neighborhood ClearCr + 275E-16 * TotalBsmt*Neighborhood CollgCr + 275E-16 * TotalBsmt*Neighborhood Crawfor + 275E-16 * TotalBsmt*Neighborhood Edwards + 275E-16 * TotalBsmt*Neighborhood Gilbert + 275E-16 * TotalBsmt*Neighborhood IDOTRR + 271E-16 * TotalBsmt*Neighborhood MeadowV + 275E-16 * TotalBsmt*Neighborhood Mitchel + 275E-16 * TotalBsmt*Neighborhood NAMES + 274E-16 * TotalBsmt*Neighborhood NPKVill + 275E-16 * TotalBsmt*Neighborhood NWAmes + 275E-16 * TotalBsmt*Neighborhood NoRidge + 275E-16 * TotalBsmt*Neighborhood NridgHt + 275E-16 * TotalBsmt*Neighborhood OldTown + 275E-16 * TotalBsmt*Neighborhood SWISU + 275E-16 * TotalBsmt*Neighborhood Sawyer + 275E-16 * TotalBsmt*Neighborhood SawyerW + 275E-16 * TotalBsmt*Neighborhood Somerst + 275E-16 * TotalBsmt*Neighborhood StoneBr + 275E-16 * TotalBsmt*Neighborhood Timber + 212E-13 * FullBath*Neighborhood Blmngtn + 216E-13 * FullBath*Neighborhood BrDale + 212E-13 * FullBath*Neighborhood BrkSide + 212E-13 * FullBath*Neighborhood ClearCr + 212E-13 * FullBath*Neighborhood CollgCr + 212E-13 * FullBath*Neighborhood Crawfor + 212E-13 * FullBath*Neighborhood Edwards + 212E-13 * FullBath*Neighborhood Gilbert + 212E-13 * FullBath*Neighborhood IDOTRR + 213E-13 * FullBath*Neighborhood MeadowV + 212E-13 * FullBath*Neighborhood Mitchel + 212E-13 * FullBath*Neighborhood NAMES + 212E-13 * FullBath*Neighborhood NWAmes + 212E-13 * FullBath*Neighborhood NoRidge + 212E-13 * FullBath*Neighborhood NridgHt + 212E-13 * FullBath*Neighborhood OldTown + 212E-13 * FullBath*Neighborhood SWISU + 212E-13 * FullBath*Neighborhood Sawyer + 212E-13 * FullBath*Neighborhood SawyerW + 212E-13 * FullBath*Neighborhood Somerst + 212E-13 * FullBath*Neighborhood StoneBr + 212E-13 * FullBath*Neighborhood Timber - 509E-14 * Fireplace*Neighborhood ClearCr - 509E-14 * Fireplace*Neighborhood CollgCr - 509E-14 * Fireplace*Neighborhood Crawfor - 509E-14 * Fireplace*Neighborhood Edwards - 51E-13 * Fireplace*Neighborhood Gilbert - 509E-14 * Fireplace*Neighborhood NAMES - 509E-14 * Fireplace*Neighborhood NWAmes - 509E-14 * Fireplace*Neighborhood NoRidge - 51E-13 * Fireplace*Neighborhood NridgHt - 509E-14 * Fireplace*Neighborhood OldTown - 509E-14 * Fireplace*Neighborhood SawyerW - 509E-14 * Fireplace*Neighborhood Somerst - 51E-13 * Fireplace*Neighborhood Timber - 629E-13 * Neighborhood*BldgType Blmngtn 1Fa - 628E-13 * Neighborhood*BldgType CollgCr 1Fa - 628E-13 * Neighborhood*BldgType Crawfor 1Fa - 628E-13 * Neighborhood*BldgType Crawfor 2fm - 628E-13 * Neighborhood*BldgType Edwards 1Fa - 628E-13 * Neighborhood*BldgType Edwards 2fm - 628E-13 * Neighborhood*BldgType IDOTRR 1Fam - 628E-13 * Neighborhood*BldgType IDOTRR 2fmc - 628E-13 * Neighborhood*BldgType Mitchel 1Fa - 628E-13 * Neighborhood*BldgType Mitchel </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

GarageCar*Neighborhood Blueste =	2fm - 628E-13 * Neighborhood*BldgType NAmes 1Fam - 628E-13 * Neighborhood*BldgType NWAmes 1Fam - 628E-13 * Neighborhood*BldgType NridgHt 1Fa - 628E-13 * Neighborhood*BldgType OldTown 1Fa - 628E-13 * Neighborhood*BldgType OldTown 2fm - 628E-13 * Neighborhood*BldgType Sawyer 1Fam - 628E-13 * Neighborhood*BldgType Sawyer 2fmc - 628E-13 * Neighborhood*BldgType SawyerW 1Fa - 628E-13 * Neighborhood*BldgType Somerst 1Fa - 628E-13 * Neighborhood*BldgType StoneBr 1Fa - 164E-13 * Neighborh*HouseStyle BrkSide 1St - 164E-13 * Neighborh*HouseStyle ClearCr 1St - 164E-13 * Neighborh*HouseStyle CollgCr 1St - 164E-13 * Neighborh*HouseStyle Crawfor 1St - 164E-13 * Neighborh*HouseStyle Edwards 1St - 164E-13 * Neighborh*HouseStyle Gilbert 1St - 164E-13 * Neighborh*HouseStyle IDOTRR 1Sto - 164E-13 * Neighborh*HouseStyle Mitchel 1St - 164E-13 * Neighborh*HouseStyle NAmes 1Sto - 162E-13 * Neighborh*HouseStyle NPkVill 1St - 164E-13 * Neighborh*HouseStyle NWAmes 1Sto - 164E-13 * Neighborh*HouseStyle NoRidge 1St - 164E-13 * Neighborh*HouseStyle NridgHt 1St - 164E-13 * Neighborh*HouseStyle OldTown 1St - 164E-13 * Neighborh*HouseStyle Sawyer 1Sto - 164E-13 * Neighborh*HouseStyle SawyerW 1St - 164E-13 * Neighborh*HouseStyle Somerst 1St - 164E-13 * Neighborh*HouseStyle StoneBr 1St - 164E-13 * Neighborh*HouseStyle Timber 1Sto
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

GarageCar*Neighborhood NPKVill =	<pre> 4.31E-9 * Intercept - 365E-13 * GrLlvArea_I + 517E-18 * Lot Area - 57E-13 * OverallCond - 203E-14 * YearBuilt + 27E-15 * MasVnrArea + 153E-16 * TotalBsmtSF + 117E-13 * FullBath - 283E-14 * Fireplaces - 351E-13 * BldgType 1Fam - 351E-13 * HouseStyle 1.5Unf - 916E-14 * HouseStyle 1Story - 352E-13 * HouseStyle 2.5Fin - 351E-13 * HouseStyle 2.5Unf + 351E-13 * BldgType*HouseStyle 1Fam 1.5Unf + 352E-13 * BldgType*HouseStyle 1Fam 2.5Fin + 351E-13 * BldgType*HouseStyle 1Fam 2.5Unf - 351E-13 * BldgType*HouseStyle 2fmCon 1.5Fi - 351E-13 * BldgType*HouseStyle 2fmCon 1Stor - 351E-13 * BldgType*HouseStyle 2fmCon 2Stor - 4.27E-9 * Neighborhood Blmgtn + 155E-12 * Neighborhood Blueste - 4.54E-9 * Neighborhood BrDale - 4.28E-9 * Neighborhood BrkSide - 4.27E-9 * Neighborhood ClearCr - 4.31E-9 * Neighborhood CollgCr - 4.31E-9 * Neighborhood Crawfor - 4.31E-9 * Neighborhood Edwards - 4.27E-9 * Neighborhood Gilbert - 4.31E-9 * Neighborhood IDOTRR - 4.29E-9 * Neighborhood MeadowV - 4.31E-9 * Neighborhood Mitchel - 4.31E-9 * Neighborhood NAmes + 2 * Neighborhood NPKVill - 4.31E-9 * Neighborhood NWAmes - 4.29E-9 * Neighborhood NoRidge - 4.27E-9 * Neighborhood NridgHt - 4.31E-9 * Neighborhood OldTown - 4.27E-9 * Neighborhood SWISU - 4.31E-9 * Neighborhood Sawyer - 4.31E-9 * Neighborhood SawyerW - 4.3E-9 * Neighborhood Somerset - 4.31E-9 * Neighborhood StoneBr - 4.28E-9 * Neighborhood Timber + 365E-13 * GrLlvArea*Neighborhood Blmgtn - 249E-13 * GrLlvArea*Neighborhood Blueste + 403E-13 * GrLlvArea*Neighborhood BrDale + 365E-13 * GrLlvArea*Neighborhood BrkSide + 365E-13 * GrLlvArea*Neighborhood ClearCr + 365E-13 * GrLlvArea*Neighborhood CollgCr + 365E-13 * GrLlvArea*Neighborhood Crawfor + 365E-13 * GrLlvArea*Neighborhood Edwards + 365E-13 * GrLlvArea*Neighborhood Gilbert + 365E-13 * GrLlvArea*Neighborhood IDOTRR + 351E-13 * GrLlvArea*Neighborhood MeadowV + 365E-13 * GrLlvArea*Neighborhood Mitchel + 365E-13 * GrLlvArea*Neighborhood NAmes + 369E-13 * GrLlvArea*Neighborhood NPKVill + 365E-13 * GrLlvArea*Neighborhood NWAmes + 366E-13 * GrLlvArea*Neighborhood NoRidge + 365E-13 * GrLlvArea*Neighborhood NridgHt + 365E-13 * GrLlvArea*Neighborhood OldTown + 365E-13 * GrLlvArea*Neighborhood SWISU + 365E-13 * GrLlvArea*Neighborhood Sawyer + 365E-13 * GrLlvArea*Neighborhood SawyerW + 365E-13 * GrLlvArea*Neighborhood Somerset + 365E-13 * GrLlvArea*Neighborhood StoneBr + 365E-13 * GrLlvArea*Neighborhood Timber - 514E-18 * LotArea*Neighborhood ClearCr - 514E-18 * LotArea*Neighborhood NAmes - 514E-18 * LotArea*Neighborhood Timber + 575E-14 * OverallCo*Neighborhood BrDale + 57E-13 * OverallCo*Neighborhood BrkSide + 57E-13 * OverallCo*Neighborhood ClearCr + 57E-13 * OverallCo*Neighborhood CollgCr + 57E-13 * OverallCo*Neighborhood Crawfor + 57E-13 * OverallCo*Neighborhood Edwards + 569E-14 * OverallCo*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

GarageCar*Neighborhood NPkVill =	Gilbert + 57E-13 * OverallCo*Neighborhood IDOTRR + 574E-14 * OverallCo*Neighborhood MeadowV + 57E-13 * OverallCo*Neighborhood Mitchel + 57E-13 * OverallCo*Neighborhood NAmes + 569E-14 * OverallCo*Neighborhood NPKVill + 57E-13 * OverallCo*Neighborhood NWAmes + 57E-13 * OverallCo*Neighborhood NoRidge + 57E-13 * OverallCo*Neighborhood OldTown + 57E-13 * OverallCo*Neighborhood SWISU + 57E-13 * OverallCo*Neighborhood Sawyer + 57E-13 * OverallCo*Neighborhood SawyerW + 569E-14 * OverallCo*Neighborhood Somerst + 569E-14 * OverallCo*Neighborhood StoneBr + 568E-14 * OverallCo*Neighborhood Timber + 202E-14 * YearBuilt*Neighborhood Blmgtn + 213E-14 * YearBuilt*Neighborhood BrDale + 203E-14 * YearBuilt*Neighborhood BrkSide + 203E-14 * YearBuilt*Neighborhood ClearCr + 203E-14 * YearBuilt*Neighborhood CollgCr + 203E-14 * YearBuilt*Neighborhood Crawfor + 203E-14 * YearBuilt*Neighborhood Edwards + 203E-14 * YearBuilt*Neighborhood Gilbert + 203E-14 * YearBuilt*Neighborhood IDOTRR + 202E-14 * YearBuilt*Neighborhood MeadowV + 203E-14 * YearBuilt*Neighborhood Mitchel + 203E-14 * YearBuilt*Neighborhood NAmes + 201E-14 * YearBuilt*Neighborhood NPKVill + 203E-14 * YearBuilt*Neighborhood NWAmes + 203E-14 * YearBuilt*Neighborhood NoRidge + 202E-14 * YearBuilt*Neighborhood NridgHt + 203E-14 * YearBuilt*Neighborhood OldTown + 203E-14 * YearBuilt*Neighborhood SWISU + 203E-14 * YearBuilt*Neighborhood Sawyer + 203E-14 * YearBuilt*Neighborhood SawyerW + 202E-14 * YearBuilt*Neighborhood Somerst + 203E-14 * YearBuilt*Neighborhood StoneBr + 203E-14 * YearBuilt*Neighborhood Timber - 27E-15 * MasVnrAre*Neighborhood NAmes - 27E-15 * MasVnrAre*Neighborhood NoRidge - 27E-15 * MasVnrAre*Neighborhood NridgHt - 27E-15 * MasVnrAre*Neighborhood Somerst - 153E-16 * TotalBsmt*Neighborhood Blmgtn - 153E-16 * TotalBsmt*Neighborhood BrkSide - 153E-16 * TotalBsmt*Neighborhood ClearCr - 153E-16 * TotalBsmt*Neighborhood CollgCr - 153E-16 * TotalBsmt*Neighborhood Crawfor - 153E-16 * TotalBsmt*Neighborhood Edwards - 153E-16 * TotalBsmt*Neighborhood Gilbert - 153E-16 * TotalBsmt*Neighborhood IDOTRR - 153E-16 * TotalBsmt*Neighborhood Mitchel - 153E-16 * TotalBsmt*Neighborhood NAmes - 153E-16 * TotalBsmt*Neighborhood NWAmes - 153E-16 * TotalBsmt*Neighborhood NoRidge - 153E-16 * TotalBsmt*Neighborhood NridgHt - 153E-16 * TotalBsmt*Neighborhood OldTown - 153E-16 * TotalBsmt*Neighborhood Sawyer - 153E-16 * TotalBsmt*Neighborhood SawyerW - 153E-16 * TotalBsmt*Neighborhood Somerst - 153E-16 * TotalBsmt*Neighborhood StoneBr - 153E-16 * TotalBsmt*Neighborhood Timber - 118E-13 * FullBath*Neighborhood Blmgtn - 118E-13 * FullBath*Neighborhood BrkSide - 118E-13 * FullBath*Neighborhood ClearCr - 118E-13 * FullBath*Neighborhood CollgCr - 118E-13 * FullBath*Neighborhood Crawfor - 118E-13 * FullBath*Neighborhood Edwards - 118E-13 * FullBath*Neighborhood Gilbert - 118E-13 * FullBath*Neighborhood IDOTRR - 118E-13 * FullBath*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

GarageCar*Neighborhood NPKVILL =	Mitchel - 118E-13 * FullBath*Neighborhood NAmes - 118E-13 * FullBath*Neighborhood NWAmes - 118E-13 * FullBath*Neighborhood NoRidge - 118E-13 * FullBath*Neighborhood NridgHt - 118E-13 * FullBath*Neighborhood OldTown - 118E-13 * FullBath*Neighborhood SWISU - 118E-13 * FullBath*Neighborhood Sawyer - 118E-13 * FullBath*Neighborhood SawyerW - 118E-13 * FullBath*Neighborhood Somerst - 118E-13 * FullBath*Neighborhood StoneBr - 118E-13 * FullBath*Neighborhood Timber + 352E-13 * Neighborhood*BldgType CollgCr 1Fa + 352E-13 * Neighborhood*BldgType Crawfor 1Fa + 351E-13 * Neighborhood*BldgType Edwards 1Fa + 351E-13 * Neighborhood*BldgType Edwards 2fm + 352E-13 * Neighborhood*BldgType IDOTRR 1Fam + 351E-13 * Neighborhood*BldgType Mitchel 1Fa + 352E-13 * Neighborhood*BldgType NAmes 1Fam + 352E-13 * Neighborhood*BldgType NWAmes 1Fam + 351E-13 * Neighborhood*BldgType NridgHt 1Fa + 352E-13 * Neighborhood*BldgType OldTown 1Fa + 352E-13 * Neighborhood*BldgType OldTown 2fm + 352E-13 * Neighborhood*BldgType Sawyer 1Fam + 351E-13 * Neighborhood*BldgType SawyerW 1Fa + 352E-13 * Neighborhood*BldgType Somerst 1Fa + 351E-13 * Neighborhood*BldgType StoneBr 1Fa + 915E-14 * Neighborhood*HouseStyle CollgCr 1St + 915E-14 * Neighborhood*HouseStyle NAmes 1Stor
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

GarageCar*Neighborhood NWAmes =	<pre> -4.51E-7 * Intercept + 3.79E-9 * GrLlvArea_I - 53E-15 * Lot Area + 594E-12 * OverallCond + 212E-12 * YearBuilt - 404E-21 * LotArea*YearBuilt - 278E-14 * MasVnrArea - 158E-14 * Total BsmtSF - 1.22E-9 * FullBath - 112E-14 * GrLlvArea_I*FullBath + 3E-10 * Fireplaces - 382E-13 * LotConfig CulDSac + 464E-13 * LotConfig FR2 + 195E-16 * YearBuilt*LotConfig CulDSac - 223E-16 * YearBuilt*LotConfig FR2 + 3.68E-9 * BldgType 1Fam + 3.68E-9 * HouseStyle 1.5Unf + 951E-12 * HouseStyle 1Story + 3.69E-9 * HouseStyle 2.5Fin + 3.68E-9 * HouseStyle 2.5Unf - 3.68E-9 * BldgType*HouseStyle 1Fam 1.5Unf - 3.69E-9 * BldgType*HouseStyle 1Fam 2.5Fin - 3.68E-9 * BldgType*HouseStyle 1Fam 2.5Unf + 3.68E-9 * BldgType*HouseStyle 2fmCon 1.5Fi + 3.68E-9 * BldgType*HouseStyle 2fmCon 1Stor + 3.68E-9 * BldgType*HouseStyle 2fmCon 2Stor + 4.47E-7 * Neighborhood Blmgtn - 1.62E-8 * Neighborhood Blueste + 4.51E-7 * Neighborhood BrDale + 4.47E-7 * Neighborhood BrkSide + 4.47E-7 * Neighborhood ClearCr + 4.51E-7 * Neighborhood CollgCr + 4.51E-7 * Neighborhood Crawfor + 4.51E-7 * Neighborhood Edwards + 4.47E-7 * Neighborhood Gilbert + 4.51E-7 * Neighborhood IDOTRR + 4.51E-7 * Neighborhood MeadowV + 4.51E-7 * Neighborhood Mitchel + 4.51E-7 * Neighborhood NAmes + 4.52E-7 * Neighborhood NPKVill + 2 * Neighborhood NWAmes + 4.47E-7 * Neighborhood NoRidge + 4.47E-7 * Neighborhood NridgHt + 4.51E-7 * Neighborhood OldTown + 4.47E-7 * Neighborhood SWISU + 4.51E-7 * Neighborhood Sawyer + 4.51E-7 * Neighborhood SawyerW + 4.51E-7 * Neighborhood Somerst + 4.51E-7 * Neighborhood StoneBr + 4.47E-7 * Neighborhood Timber - 3.79E-9 * GrLlvArea*Neighborhood Blmgtn + 2.6E-9 * GrLlvArea*Neighborhood Blueste - 3.79E-9 * GrLlvArea*Neighborhood BrDale - 3.79E-9 * GrLlvArea*Neighborhood BrkSide - 3.79E-9 * GrLlvArea*Neighborhood ClearCr - 3.79E-9 * GrLlvArea*Neighborhood CollgCr - 3.79E-9 * GrLlvArea*Neighborhood Crawfor - 3.79E-9 * GrLlvArea*Neighborhood Edwards - 3.79E-9 * GrLlvArea*Neighborhood Gilbert - 3.79E-9 * GrLlvArea*Neighborhood IDOTRR - 3.79E-9 * GrLlvArea*Neighborhood MeadowV - 3.79E-9 * GrLlvArea*Neighborhood Mitchel - 3.79E-9 * GrLlvArea*Neighborhood NAmes - 3.79E-9 * GrLlvArea*Neighborhood NPKVill - 3.79E-9 * GrLlvArea*Neighborhood NWAmes - 3.79E-9 * GrLlvArea*Neighborhood NoRidge - 3.79E-9 * GrLlvArea*Neighborhood NridgHt - 3.79E-9 * GrLlvArea*Neighborhood OldTown - 3.79E-9 * GrLlvArea*Neighborhood SWISU - 3.79E-9 * GrLlvArea*Neighborhood Sawyer - 3.79E-9 * GrLlvArea*Neighborhood SawyerW - 3.79E-9 * GrLlvArea*Neighborhood Somerst - 3.79E-9 * GrLlvArea*Neighborhood StoneBr - 3.79E-9 * GrLlvArea*Neighborhood Timber + 533E-16 * LotArea*Neighborhood Blmgtn + 537E-16 * LotArea*Neighborhood BrDale + 536E-16 * LotArea*Neighborhood BrkSide + 536E-16 * LotArea*Neighborhood ClearCr + 536E-16 * LotArea*Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

GarageCar*Neighborhood NWAmes =	CollgCr + 536E-16 * LotArea*Neighborhood Crawfor + 536E-16 * LotArea*Neighborhood Edwards + 536E-16 * LotArea*Neighborhood Gilbert + 536E-16 * LotArea*Neighborhood IDOTRR + 533E-16 * LotArea*Neighborhood MeadowV + 536E-16 * LotArea*Neighborhood Mitchel + 536E-16 * LotArea*Neighborhood NAmes + 541E-16 * LotArea*Neighborhood NPKVill + 536E-16 * LotArea*Neighborhood NWAmes + 536E-16 * LotArea*Neighborhood NoRidge + 536E-16 * LotArea*Neighborhood NridgHt + 536E-16 * LotArea*Neighborhood OldTown + 536E-16 * LotArea*Neighborhood SWISU + 536E-16 * LotArea*Neighborhood Sawyer + 537E-16 * LotArea*Neighborhood SawyerW + 535E-16 * LotArea*Neighborhood Somerst + 536E-16 * LotArea*Neighborhood StoneBr + 536E-16 * LotArea*Neighborhood Timber - 594E-12 * OverallCo*Neighborhood BrDale - 594E-12 * OverallCo*Neighborhood BrkSide - 593E-12 * OverallCo*Neighborhood ClearCr - 594E-12 * OverallCo*Neighborhood CollgCr - 593E-12 * OverallCo*Neighborhood Crawfor - 594E-12 * OverallCo*Neighborhood Edwards - 593E-12 * OverallCo*Neighborhood Gilbert - 594E-12 * OverallCo*Neighborhood IDOTRR - 594E-12 * OverallCo*Neighborhood MeadowV - 594E-12 * OverallCo*Neighborhood Mitchel - 593E-12 * OverallCo*Neighborhood NAmes - 594E-12 * OverallCo*Neighborhood NPKVill - 594E-12 * OverallCo*Neighborhood NWAmes - 593E-12 * OverallCo*Neighborhood NoRidge - 594E-12 * OverallCo*Neighborhood OldTown - 594E-12 * OverallCo*Neighborhood SWISU - 594E-12 * OverallCo*Neighborhood Sawyer - 594E-12 * OverallCo*Neighborhood SawyerW - 593E-12 * OverallCo*Neighborhood Somerst - 593E-12 * OverallCo*Neighborhood StoneBr - 592E-12 * OverallCo*Neighborhood Timber - 212E-12 * YearBuilt*Neighborhood Blmgtn - 212E-12 * YearBuilt*Neighborhood BrDale - 212E-12 * YearBuilt*Neighborhood BrkSide - 212E-12 * YearBuilt*Neighborhood ClearCr - 212E-12 * YearBuilt*Neighborhood CollgCr - 212E-12 * YearBuilt*Neighborhood Crawfor - 212E-12 * YearBuilt*Neighborhood Edwards - 212E-12 * YearBuilt*Neighborhood Gilbert - 212E-12 * YearBuilt*Neighborhood IDOTRR - 212E-12 * YearBuilt*Neighborhood MeadowV - 212E-12 * YearBuilt*Neighborhood Mitchel - 212E-12 * YearBuilt*Neighborhood NAmes - 212E-12 * YearBuilt*Neighborhood NPKVill - 212E-12 * YearBuilt*Neighborhood NWAmes - 212E-12 * YearBuilt*Neighborhood NoRidge - 212E-12 * YearBuilt*Neighborhood NridgHt - 212E-12 * YearBuilt*Neighborhood OldTown - 212E-12 * YearBuilt*Neighborhood SWISU - 212E-12 * YearBuilt*Neighborhood Sawyer - 212E-12 * YearBuilt*Neighborhood SawyerW - 212E-12 * YearBuilt*Neighborhood Somerst - 212E-12 * YearBuilt*Neighborhood StoneBr - 212E-12 * YearBuilt*Neighborhood Timber + 278E-14 * MasVnrAre*Neighborhood Blmgtn + 278E-14 * MasVnrAre*Neighborhood BrDale + 278E-14 * MasVnrAre*Neighborhood BrkSide + 278E-14 * MasVnrAre*Neighborhood ClearCr + 278E-14 * MasVnrAre*Neighborhood CollgCr + 278E-14 * MasVnrAre*Neighborhood Crawfor + 278E-14 * MasVnrAre*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

GarageCar*Neighborhood NWAmes =	IDOTRR - 307E-12 * Fireplace*Neighborhood MeadowV - 304E-12 * Fireplace*Neighborhood Mitchel - 304E-12 * Fireplace*Neighborhood NAmes - 304E-12 * Fireplace*Neighborhood NPkVill - 304E-12 * Fireplace*Neighborhood NWAmes - 304E-12 * Fireplace*Neighborhood NoRidge - 304E-12 * Fireplace*Neighborhood NridgHt - 304E-12 * Fireplace*Neighborhood OldTown - 304E-12 * Fireplace*Neighborhood SWISU - 304E-12 * Fireplace*Neighborhood Sawyer - 304E-12 * Fireplace*Neighborhood SawyerW - 304E-12 * Fireplace*Neighborhood Somerst - 304E-12 * Fireplace*Neighborhood StoneBr - 304E-12 * Fireplace*Neighborhood Timber - 3.68E-9 * Neighborhood*BldgType Blmngtn 1Fa - 3.68E-9 * Neighborhood*BldgType CollgCr 1Fa - 3.68E-9 * Neighborhood*BldgType Crawfor 1Fa - 3.68E-9 * Neighborhood*BldgType Crawfor 2fm - 3.68E-9 * Neighborhood*BldgType Edwards 1Fa - 3.68E-9 * Neighborhood*BldgType Edwards 2fm - 3.68E-9 * Neighborhood*BldgType IDOTRR 1Fam - 3.68E-9 * Neighborhood*BldgType IDOTRR 2fmc - 3.68E-9 * Neighborhood*BldgType Mitchel 1Fa - 3.68E-9 * Neighborhood*BldgType Mitchel 2fm - 3.68E-9 * Neighborhood*BldgType NAmes 1Fam - 3.68E-9 * Neighborhood*BldgType NWAmes 1Fam - 3.68E-9 * Neighborhood*BldgType NridgHt 1Fa - 3.68E-9 * Neighborhood*BldgType OldTown 1Fa - 3.68E-9 * Neighborhood*BldgType OldTown 2fm - 3.68E-9 * Neighborhood*BldgType Sawyer 1Fam - 3.68E-9 * Neighborhood*BldgType Sawyer 2fmc - 3.68E-9 * Neighborhood*BldgType SawyerW 1Fa - 3.68E-9 * Neighborhood*BldgType Somerst 1Fa - 3.68E-9 * Neighborhood*BldgType StoneBr 1Fa - 946E-12 * Neighborh*HouseStyle BrkSide 1St - 95E-11 * Neighborh*HouseStyle ClearCr 1St - 95E-11 * Neighborh*HouseStyle CollgCr 1St - 946E-12 * Neighborh*HouseStyle Crawfor 1St - 95E-11 * Neighborh*HouseStyle Edwards 1St - 95E-11 * Neighborh*HouseStyle Gilbert 1St - 946E-12 * Neighborh*HouseStyle IDOTRR 1Sto - 944E-12 * Neighborh*HouseStyle MeadowV 1St - 95E-11 * Neighborh*HouseStyle Mitchel 1St - 95E-11 * Neighborh*HouseStyle NAmes 1Stor - 948E-12 * Neighborh*HouseStyle NPkVill 1St + Neighborh*HouseStyle NWAmes 1.5F - 949E-12 * Neighborh*HouseStyle NWAmes 1Sto - 946E-12 * Neighborh*HouseStyle NoRidge 1St - 946E-12 * Neighborh*HouseStyle NridgHt 1St - 949E-12 * Neighborh*HouseStyle OldTown 1St - 945E-12 * Neighborh*HouseStyle SWISU 1Stor - 95E-11 * Neighborh*HouseStyle Sawyer 1Sto - 95E-11 * Neighborh*HouseStyle SawyerW 1St - 946E-12 * Neighborh*HouseStyle Somerst 1St - 946E-12 * Neighborh*HouseStyle StoneBr 1St - 949E-12 * Neighborh*HouseStyle Timber 1Sto
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

GarageCar*Neighborhood Timber =	<pre> -170.529 * Intercept + 1.18103 * GrLlvArea_I - 0.00004 * Lot Area + 0.19227 * OverallCond + 0.08033 * YearBuilt - 111E-17 * LotArea*YearBuilt - 0.00145 * MasVnrArea + 173E-14 * GrLlv Area*MasVnrArea - 0.0006 * TotalBsmtSF - 226E-14 * OverallCo* TotalBsmtS - 0.39319 * FullBath - 5.76E-9 * GrLlvArea_I*Full Bath + 0.18355 * Fireplaces + 3.09E-9 * GrLlvArea*Fireplaces + 689E-16 * TotalBsmt*Fireplaces + 1.74E-8 * LotConfig Corner - 1.51E-7 * LotConfig CulDSac + 2.37E-7 * LotConfig FR2 - 7.69E-8 * LotConfig FR3 - 964E-14 * YearBuilt*LotConfig Corner + 772E-13 * YearBuilt*LotConfig CulDSac - 113E-12 * YearBuilt*LotConfig FR2 + 387E-13 * YearBuilt*LotConfig FR3 + 1.406 * BldgType 1Fam + 1.97E-9 * BldgType 2fmCon - 1.38E-9 * BldgType Duplex - 2.39E-8 * BldgType Twnhs + 3.19E-9 * HouseStyle 1.5Fin + 1.406 * HouseStyle 1.5Unf + 0.17639 * HouseStyle 1Story + 1.406 * HouseStyle 2.5Fin + 1.406 * HouseStyle 2.5Unf + 7.65E-9 * HouseStyle 2Story + 5.18E-9 * HouseStyle SFoyer + 257E-15 * LotArea*HouseStyle 1.5Fin - 132E-15 * LotArea*HouseStyle 1.5Unf + 263E-15 * LotArea*HouseStyle 1Story - 366E-14 * LotArea*HouseStyle 2.5Fin + 111E-14 * LotArea*HouseStyle 2.5Unf + 307E-15 * LotArea*HouseStyle 2Story + 75E-15 * LotArea*HouseStyle SFoyer - 2.61E-9 * Fireplace*HouseStyle 1.5Fin - 762E-12 * Fireplace*HouseStyle 1.5Unf - 1.46E-9 * Fireplace*HouseStyle 1Story + 7.68E-9 * Fireplace*HouseStyle 2.5Fin - 4.8E-9 * Fireplace*HouseStyle 2.5Unf - 2.05E-9 * Fireplace*HouseStyle 2Story - 478E-12 * Fireplace*HouseStyle SFoyer - 3.51E-9 * BldgType*HouseStyle 1Fam 1.5Fin - 1.406 * BldgType*HouseStyle 1Fam 1.5Unf - 989E-12 * BldgType*HouseStyle 1Fam 1Story - 1.406 * BldgType*HouseStyle 1Fam 2.5Fin - 1.406 * BldgType*HouseStyle 1Fam 2.5Unf - 906E-12 * BldgType*HouseStyle 1Fam 2Story - 229E-12 * BldgType*HouseStyle 1Fam SFoyer + 1.406 * BldgType*HouseStyle 2fmCon 1.5Fi + 1.406 * BldgType*HouseStyle 2fmCon 1Stor + 1.406 * BldgType*HouseStyle 2fmCon 2Stor - 563E-12 * BldgType*HouseStyle Duplex 1Stor - 663E-12 * BldgType*HouseStyle Duplex 2Stor + 1.29E-9 * BldgType*HouseStyle Duplex SFoyer + 2.17E-8 * BldgType*HouseStyle Twnhs 1Story + 2.03E-8 * BldgType*HouseStyle Twnhs 2Story + 1.11E-8 * BldgType*HouseStyle Twnhs SFoyer + 169.392 * Neighborhood Blmngtn - 6.54569 * Neighborhood Blueste + 170.529 * Neighborhood BrDale + 169.123 * Neighborhood BrkSide + 169.123 * Neighborhood ClearCr + 170.529 * Neighborhood CollgCr + 170.529 * Neighborhood Crawfor + 170.529 * Neighborhood Edwards + 169.123 * Neighborhood Gilbert + 170.529 * Neighborhood IDOTRR + 170.529 * Neighborhood MeadowV + 170.529 * Neighborhood Mitchel + 170.529 * Neighborhood NAmes + 169.316 * Neighborhood NPKVill + 168.529 * Neighborhood NWAmes + 169.123 * Neighborhood NoRidge + 169.568 * Neighborhood NridgHt + 170.529 * Neighborhood OldTown + 169.123 * Neighborhood SWISU + 170.529 * Neighborhood Sawyer + 170.529 * Neighborhood SawyerW + 170.529 * Neighborhood </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

GarageCar*Neighborhood Timber =	Somerset + 170.529 * Neighborhood StoneBr + 169.123 * Neighborhood Timber - 1.18103 * GrLivArea*Neighborhood Blmngtn + 0.99278 * GrLivArea*Neighborhood Blueste - 1.18103 * GrLivArea*Neighborhood BrDale - 1.18103 * GrLivArea*Neighborhood BrkSide - 1.18103 * GrLivArea*Neighborhood ClearCr - 1.18103 * GrLivArea*Neighborhood CollgCr - 1.18103 * GrLivArea*Neighborhood Crawfor - 1.18103 * GrLivArea*Neighborhood Edwards - 1.18103 * GrLivArea*Neighborhood Gilbert - 1.18103 * GrLivArea*Neighborhood IDOTRR - 1.18103 * GrLivArea*Neighborhood MeadowV - 1.18103 * GrLivArea*Neighborhood Mitchel - 1.18103 * GrLivArea*Neighborhood NAmes - 1.18103 * GrLivArea*Neighborhood NPKVill - 1.18103 * GrLivArea*Neighborhood NWAmes - 1.18103 * GrLivArea*Neighborhood NoRidge - 1.18103 * GrLivArea*Neighborhood NridgHt - 1.18103 * GrLivArea*Neighborhood OldTown - 1.18103 * GrLivArea*Neighborhood SWISU - 1.18103 * GrLivArea*Neighborhood Sawyer - 1.18103 * GrLivArea*Neighborhood SawyerW - 1.18103 * GrLivArea*Neighborhood Somerset - 1.18103 * GrLivArea*Neighborhood StoneBr - 1.18103 * GrLivArea*Neighborhood Timber + 0.00004 * LotArea*Neighborhood Blmngtn + 0.00004 * LotArea*Neighborhood BrDale + 0.00004 * LotArea*Neighborhood BrkSide + 0.00004 * LotArea*Neighborhood ClearCr + 0.00004 * LotArea*Neighborhood CollgCr + 0.00004 * LotArea*Neighborhood Crawfor + 0.00004 * LotArea*Neighborhood Edwards + 0.00004 * LotArea*Neighborhood Gilbert + 0.00004 * LotArea*Neighborhood IDOTRR + 0.00004 * LotArea*Neighborhood MeadowV + 0.00004 * LotArea*Neighborhood Mitchel + 0.00004 * LotArea*Neighborhood NAmes + 0.00004 * LotArea*Neighborhood NPKVill + 0.00004 * LotArea*Neighborhood NWAmes + 0.00004 * LotArea*Neighborhood NoRidge + 0.00004 * LotArea*Neighborhood NridgHt + 0.00004 * LotArea*Neighborhood OldTown + 0.00004 * LotArea*Neighborhood SWISU + 0.00004 * LotArea*Neighborhood Sawyer + 0.00004 * LotArea*Neighborhood SawyerW + 0.00004 * LotArea*Neighborhood Somerset + 0.00004 * LotArea*Neighborhood StoneBr + 0.00004 * LotArea*Neighborhood Timber - 0.19227 * OverallCo*Neighborhood BrDale - 0.19227 * OverallCo*Neighborhood BrkSide - 0.19227 * OverallCo*Neighborhood ClearCr - 0.19227 * OverallCo*Neighborhood CollgCr - 0.19227 * OverallCo*Neighborhood Crawfor - 0.19227 * OverallCo*Neighborhood Edwards - 0.19227 * OverallCo*Neighborhood Gilbert - 0.19227 * OverallCo*Neighborhood IDOTRR - 0.19227 * OverallCo*Neighborhood MeadowV - 0.19227 * OverallCo*Neighborhood Mitchel - 0.19227 * OverallCo*Neighborhood NAmes - 0.19227 * OverallCo*Neighborhood NPKVill - 0.19227 * OverallCo*Neighborhood NWAmes - 0.19227 * OverallCo*Neighborhood NoRidge - 0.19227 * OverallCo*Neighborhood OldTown - 0.19227 * OverallCo*Neighborhood SWISU - 0.19227 * OverallCo*Neighborhood Sawyer - 0.19227 * OverallCo*Neighborhood SawyerW - 0.19227 * OverallCo*Neighborhood Somerset - 0.19227 * OverallCo*Neighborhood
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Backward Selection Multiple Linear Regression

The REG Procedure Model: MODEL1

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

GarageCar*Neighborhood Timber =	Timber + 0.39319 * FullBath*Neighborhood Blmgtn + 0.39319 * FullBath*Neighborhood BrDale + 0.39319 * FullBath*Neighborhood BrkSide + 0.39319 * FullBath*Neighborhood ClearCr + 0.39319 * FullBath*Neighborhood CollgCr + 0.39319 * FullBath*Neighborhood Crawfor + 0.39319 * FullBath*Neighborhood Edwards + 0.39319 * FullBath*Neighborhood Gilbert + 0.39319 * FullBath*Neighborhood IDOTRR + 0.39319 * FullBath*Neighborhood MeadowV + 0.39319 * FullBath*Neighborhood Mitchel + 0.39319 * FullBath*Neighborhood NAmes + 0.39319 * FullBath*Neighborhood NWAmes + 0.39319 * FullBath*Neighborhood NoRidge + 0.39319 * FullBath*Neighborhood NridgHt + 0.39319 * FullBath*Neighborhood OldTown + 0.39319 * FullBath*Neighborhood SWISU + 0.39319 * FullBath*Neighborhood Sawyer + 0.39319 * FullBath*Neighborhood SawyerW + 0.39319 * FullBath*Neighborhood Somerst + 0.39319 * FullBath*Neighborhood StoneBr + 0.39319 * FullBath*Neighborhood Timber - 0.18355 * Fireplace*Neighborhood Blmgtn - 0.18355 * Fireplace*Neighborhood BrDale - 0.18355 * Fireplace*Neighborhood BrkSide - 0.18355 * Fireplace*Neighborhood ClearCr - 0.18355 * Fireplace*Neighborhood CollgCr - 0.18355 * Fireplace*Neighborhood Crawfor - 0.18355 * Fireplace*Neighborhood Edwards - 0.18355 * Fireplace*Neighborhood Gilbert - 0.18355 * Fireplace*Neighborhood IDOTRR - 0.18355 * Fireplace*Neighborhood MeadowV - 0.18355 * Fireplace*Neighborhood Mitchel - 0.18355 * Fireplace*Neighborhood NAmes - 0.18355 * Fireplace*Neighborhood NPkvill - 0.18355 * Fireplace*Neighborhood NWAmes - 0.18355 * Fireplace*Neighborhood NoRidge - 0.18355 * Fireplace*Neighborhood NridgHt - 0.18355 * Fireplace*Neighborhood OldTown - 0.18355 * Fireplace*Neighborhood SWISU - 0.18355 * Fireplace*Neighborhood Sawyer - 0.18355 * Fireplace*Neighborhood SawyerW - 0.18355 * Fireplace*Neighborhood Somerst - 0.18355 * Fireplace*Neighborhood StoneBr - 0.18355 * Fireplace*Neighborhood Timber - 1.406 * Neighborhood*BldgType Blmgtn 1Fa - 118E-12 * Neighborhood*BldgType BrDale Twnh - 5.09E-9 * Neighborhood*BldgType BrkSide 1Fa - 1.406 * Neighborhood*BldgType CollgCr 1Fa - 1.406 * Neighborhood*BldgType Crawfor 1Fa - 1.406 * Neighborhood*BldgType Crawfor 2fm + 2.29E-9 * Neighborhood*BldgType Crawfor Dup - 1.406 * Neighborhood*BldgType Edwards 1Fa - 1.406 * Neighborhood*BldgType Edwards 2fm + 3.35E-9 * Neighborhood*BldgType Edwards Dup + 2.29E-9 * Neighborhood*BldgType Edwards Twn - 1.65E-9 * Neighborhood*BldgType Gilbert 1Fa - 1.406 * Neighborhood*BldgType IDOTRR 1Fam - 1.406 * Neighborhood*BldgType IDOTRR 2fmc + 1.34E-8 * Neighborhood*BldgType MeadowV Twn - 1.406 * Neighborhood*BldgType Mitchel 1Fa - 1.406 * Neighborhood*BldgType Mitchel 2fm + 1.2E-8 * Neighborhood*BldgType Mitchel Dup + 886E-12 * Neighborhood*BldgType Mitchel Twn - 1.406 * Neighborhood*BldgType NAmes 1Fam - 1.19E-9 * Neighborhood*BldgType NAmes Dupl - 1.55E-8 * Neighborhood*BldgType NPkvill Twn - 1.406 * Neighborhood*BldgType NWAmes 1Fam - 1.406 * Neighborhood*BldgType NridgHt
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

GarageCar*Neighborhood Timber =	1Fa - 1.406 * Neighborhood*BldgType OldTown 1Fa - 1.406 * Neighborhood*BldgType OldTown 2fm - 1.75E-9 * Neighborhood*BldgType SWISU 1Fam - 1.406 * Neighborhood*BldgType Sawyer 1Fam - 1.406 * Neighborhood*BldgType Sawyer 2fmc - 1.406 * Neighborhood*BldgType SawyerW 1Fa - 1.406 * Neighborhood*BldgType Somerst 1Fa - 1.406 * Neighborhood*BldgType StoneBr 1Fa + 6.15E-9 * Neighborhood*HouseStyle BrkSide 1.5 + 3.78E-9 * Neighborhood*HouseStyle BrkSide 1.2 - 0.17639 * Neighborhood*HouseStyle BrkSide 1St + 2.01E-9 * Neighborhood*HouseStyle BrkSide 2.2 + 3.63E-9 * Neighborhood*HouseStyle ClearCr 1.5 - 0.17639 * Neighborhood*HouseStyle ClearCr 1St - 6.24E-9 * Neighborhood*HouseStyle ClearCr 2St - 0.17639 * Neighborhood*HouseStyle CollgCr 1St - 6.95E-9 * Neighborhood*HouseStyle CollgCr 2St - 2.65E-9 * Neighborhood*HouseStyle CollgCr SFo + 4.07E-9 * Neighborhood*HouseStyle Crawfor 1.5 + 9.06E-9 * Neighborhood*HouseStyle Crawfor 1.2 - 0.17639 * Neighborhood*HouseStyle Crawfor 1St - 3.98E-9 * Neighborhood*HouseStyle Crawfor 2.5 + 1.12E-8 * Neighborhood*HouseStyle Crawfor 2.2 - 996E-12 * Neighborhood*HouseStyle Edwards 1.5 - 0.17639 * Neighborhood*HouseStyle Edwards 1St - 6.92E-9 * Neighborhood*HouseStyle Edwards 2St - 2.73E-9 * Neighborhood*HouseStyle Edwards SFo - 2.06E-9 * Neighborhood*HouseStyle Gilbert 1.5 - 0.17639 * Neighborhood*HouseStyle Gilbert 1St - 5.42E-9 * Neighborhood*HouseStyle Gilbert 2St + 6.37E-9 * Neighborhood*HouseStyle IDOTRR 1.5F + 2.28E-9 * Neighborhood*HouseStyle IDOTRR 1.5U - 0.17639 * Neighborhood*HouseStyle IDOTRR 1Sto + 2.22E-9 * Neighborhood*HouseStyle IDOTRR 2.5U - 0.17639 * Neighborhood*HouseStyle MeadowV 1St - 1.46E-8 * Neighborhood*HouseStyle MeadowV 2St - 1.77E-9 * Neighborhood*HouseStyle Mitchel 1.5 - 0.17639 * Neighborhood*HouseStyle Mitchel 1St - 5.32E-9 * Neighborhood*HouseStyle Mitchel 2St - 1.89E-9 * Neighborhood*HouseStyle Mitchel SFo - 1E-9 * Neighborhood*HouseStyle NAmes 1.5Fi - 2.36E-9 * Neighborhood*HouseStyle NAmes 1.5Un - 0.17639 * Neighborhood*HouseStyle NAmes 1Stor - 6.9E-9 * Neighborhood*HouseStyle NAmes 2Stor - 25E-11 * Neighborhood*HouseStyle NAmes SFoye - 0.17639 * Neighborhood*HouseStyle NPkVill 1St - 1 * Neighborhood*HouseStyle NWAmes 1.5F - 0.17639 * Neighborhood*HouseStyle NWAmes 1Sto - 6.08E-9 * Neighborhood*HouseStyle NWAmes 2Sto + 2.65E-9 * Neighborhood*HouseStyle NWAmes SFoy + 1.48E-9 * Neighborhood*HouseStyle NoRidge 1.5 - 0.17639 * Neighborhood*HouseStyle NoRidge 1St - 0.17639 * Neighborhood*HouseStyle NridgHt 1St + 1.17E-9 * Neighborhood*HouseStyle OldTown 1.5 - 0.17639 * Neighborhood*HouseStyle OldTown 1St + 1.02E-8 * Neighborhood*HouseStyle OldTown 2.5 - 5.43E-9 * Neighborhood*HouseStyle OldTown 2St + 7.22E-9 * Neighborhood*HouseStyle SWISU 1.5Fi - 0.17639 * Neighborhood*HouseStyle SWISU 1Stor - 847E-12 * Neighborhood*HouseStyle Sawyer 1.5F - 0.17639 * Neighborhood*HouseStyle Sawyer 1Sto - 7.86E-9 * Neighborhood*HouseStyle Sawyer 2Sto - 1.37E-9 * Neighborhood*HouseStyle Sawyer SFoy + 1.92E-9 * Neighborhood*HouseStyle SawyerW 1.5 - 0.17639 * Neighborhood*HouseStyle SawyerW 1St - 5.62E-9 * Neighborhood*HouseStyle SawyerW 2St - 0.17639 * Neighborhood*HouseStyle Somerst 1St - 0.17639 * Neighborhood*HouseStyle StoneBr 1St - 0.17639 * Neighborhood*HouseStyle Timber
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

GarageCar*Neighborhood Timber =	<pre> 1Sto + 1 * GarageCars - 865E-14 * YearBuilt*GarageCars + 124E-15 * TotalBsmt*GarageCars - 144E-13 * Fireplace*Garage Cars - 801E-12 * GarageCars*BldgType 1Fam + 748E-12 * GarageCars*BldgType 2fmCon + 552E-12 * GarageCars*BldgType Duplex + 769E-12 * GarageCars*BldgType Twnhs - 269E-12 * GarageCar*HouseStyle 1.5Fin + 577E-12 * GarageCar*HouseStyle 1.5Unf - 1.72E-9 * GarageCar*HouseStyle 1Story + 1.57E-8 * GarageCar*HouseStyle 2.5Fin - 741E-12 * GarageCar*HouseStyle 2.5Unf - 1.14E-9 * GarageCar*HouseStyle 2Story - 2.12E-9 * GarageCar*HouseStyle SFoyer - 1 * GarageCar*Neighborhood Blmgtn - 1 * GarageCar*Neighborhood BrDale - 1 * GarageCar*Neighborhood BrkSide - 1 * GarageCar*Neighborhood ClearCr - 1 * GarageCar*Neighborhood CollgCr - 1 * GarageCar*Neighborhood Crawfor - 1 * GarageCar*Neighborhood Edwards - 1 * GarageCar*Neighborhood Gilbert - 1 * GarageCar*Neighborhood IDOTRR - 1 * GarageCar*Neighborhood MeadowV - 1 * GarageCar*Neighborhood Mitchel - 1 * GarageCar*Neighborhood NAmes - 1 * GarageCar*Neighborhood NoRidge - 1 * GarageCar*Neighborhood NridgHt - 1 * GarageCar*Neighborhood OldTown - 1 * GarageCar*Neighborhood SWISU - 1 * GarageCar*Neighborhood Sawyer - 1 * GarageCar*Neighborhood SawyerW - 1 * GarageCar*Neighborhood Somerst - 1 * GarageCar*Neighborhood StoneBr </pre>
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Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	B	96.31406	446.28552	0.22	0.8292
GrLivArea_I	GrLivArea_I	B	0.08509	3.84608	0.02	0.9824
LotArea	LotArea	B	0.00034302	0.00012872	2.66	0.0078
OverallCond	OverallCond	B	-0.08685	0.59848	-0.15	0.8846
YearBuilt	YearBuilt	B	-0.04245	0.20977	-0.20	0.8397
LotArea*YearBuilt	LotArea*YearBuilt	B	-1.50464E-7	5.880047E-8	-2.56	0.0106
MasVnrArea	MasVnrArea	B	0.00235	0.00315	0.75	0.4561
GrLivArea*MasVnrArea	GrLivArea*MasVnrArea	B	-0.00026105	0.00009791	-2.67	0.0078
TotalBsmtSF	TotalBsmtSF	B	0.00033022	0.00167	0.20	0.8430
OverallCo*TotalBsmtS	OverallCo*TotalBsmtS	B	0.00002501	0.00001124	2.23	0.0262
FullBath	FullBath	B	-0.44145	1.25741	-0.35	0.7256
GrLivArea_I*FullBath	GrLivArea_I*FullBath	B	0.09046	0.03625	2.50	0.0127
Fireplaces	Fireplaces	B	-0.96937	0.41713	-2.32	0.0203
GrLivArea*Fireplaces	GrLivArea*Fireplaces	B	0.12220	0.03881	3.15	0.0017
TotalBsmt*Fireplaces	TotalBsmt*Fireplaces	B	-0.00005667	0.00001867	-3.04	0.0025
LotConfig Corner	LotConfig Corner	B	1.58208	0.58388	2.71	0.0068
LotConfig CulDSac	LotConfig CulDSac	B	-1.64204	1.87651	-0.88	0.3817
LotConfig FR2	LotConfig FR2	B	0.86124	1.51762	0.57	0.5705
LotConfig FR3	LotConfig FR3	B	1.56032	3.95999	0.39	0.6936
YearBuilt*LotConfig Corner	YearBuilt*LotConfig Corner	B	-0.00079415	0.00029676	-2.68	0.0076
YearBuilt*LotConfig CulDSac	YearBuilt*LotConfig CulDSac	B	0.00083637	0.00094630	0.88	0.3770
YearBuilt*LotConfig FR2	YearBuilt*LotConfig FR2	B	-0.00044892	0.00076547	-0.59	0.5577
YearBuilt*LotConfig FR3	YearBuilt*LotConfig FR3	B	-0.00077799	0.00199	-0.39	0.6963
BldgType 1Fam	BldgType 1Fam	B	-1.35396	3.65291	-0.37	0.7110
BldgType 2fmCon	BldgType 2fmCon	B	-0.13903	0.25780	-0.54	0.5898
BldgType Duplex	BldgType Duplex	B	-0.29708	0.29560	-1.00	0.3151
BldgType Twnhs	BldgType Twnhs	B	-1.99727	2.32940	-0.86	0.3914
HouseStyle 1.5Fin	HouseStyle 1.5Fin	B	0.01651	0.23348	0.07	0.9436
HouseStyle 1.5Unf	HouseStyle 1.5Unf	B	-0.89154	3.69793	-0.24	0.8095
HouseStyle 1Story	HouseStyle 1Story	B	-0.15169	0.98599	-0.15	0.8778
HouseStyle 2.5Fin	HouseStyle 2.5Fin	B	-1.09460	3.91193	-0.28	0.7797
HouseStyle 2.5Unf	HouseStyle 2.5Unf	B	-0.61535	3.67837	-0.17	0.8672
HouseStyle 2Story	HouseStyle 2Story	B	-0.12691	0.20851	-0.61	0.5429

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
HouseStyle SFoyer	HouseStyle SFoyer	B	-0.14989	0.27049	-0.55	0.5796
LotArea*HouseStyle 1.5Fin	LotArea*HouseStyle 1.5Fin	B	-0.00002240	0.00000696	-3.22	0.0013
LotArea*HouseStyle 1.5Unf	LotArea*HouseStyle 1.5Unf	B	0.00000566	0.00003812	0.15	0.8821
LotArea*HouseStyle 1Story	LotArea*HouseStyle 1Story	B	-0.00001874	0.00000670	-2.80	0.0052
LotArea*HouseStyle 2.5Fin	LotArea*HouseStyle 2.5Fin	B	0.00007855	0.00011990	0.66	0.5125
LotArea*HouseStyle 2.5Unf	LotArea*HouseStyle 2.5Unf	B	0.00001956	0.00002619	0.75	0.4553
LotArea*HouseStyle 2Story	LotArea*HouseStyle 2Story	B	-0.00002534	0.00000688	-3.69	0.0002
LotArea*HouseStyle SFoyer	LotArea*HouseStyle SFoyer	B	-0.00003208	0.00001444	-2.22	0.0265
Fireplace*HouseStyle 1.5Fin	Fireplace*HouseStyle 1.5Fin	B	-0.08839	0.03980	-2.22	0.0266
Fireplace*HouseStyle 1.5Unf	Fireplace*HouseStyle 1.5Unf	B	-0.13107	0.09572	-1.37	0.1712
Fireplace*HouseStyle 1Story	Fireplace*HouseStyle 1Story	B	0.04779	0.03069	1.56	0.1198
Fireplace*HouseStyle 2.5Fin	Fireplace*HouseStyle 2.5Fin	B	-0.27426	0.44846	-0.61	0.5410
Fireplace*HouseStyle 2.5Unf	Fireplace*HouseStyle 2.5Unf	B	-0.00628	0.09846	-0.06	0.9492
Fireplace*HouseStyle 2Story	Fireplace*HouseStyle 2Story	B	-0.00951	0.03463	-0.27	0.7836
Fireplace*HouseStyle SFoyer	Fireplace*HouseStyle SFoyer	B	0.02707	0.05099	0.53	0.5957
BldgType*HouseStyle 1Fam 1.5Fin	BldgType*HouseStyle 1Fam 1.5Fin	B	0.10548	0.15827	0.67	0.5053
BldgType*HouseStyle 1Fam 1.5Unf	BldgType*HouseStyle 1Fam 1.5Unf	B	0.38354	3.67243	0.10	0.9168
BldgType*HouseStyle 1Fam 1Story	BldgType*HouseStyle 1Fam 1Story	B	0.28996	0.16807	1.73	0.0848
BldgType*HouseStyle 1Fam 2.5Fin	BldgType*HouseStyle 1Fam 2.5Fin	B	0.90937	3.82348	0.24	0.8121
BldgType*HouseStyle 1Fam 2.5Unf	BldgType*HouseStyle 1Fam 2.5Unf	B	0.38844	3.66553	0.11	0.9156
BldgType*HouseStyle 1Fam 2Story	BldgType*HouseStyle 1Fam 2Story	B	0.48449	0.15904	3.05	0.0024
BldgType*HouseStyle 1Fam SFoyer	BldgType*HouseStyle 1Fam SFoyer	B	0.36201	0.17909	2.02	0.0435
BldgType*HouseStyle 2fmCon 1.5Fi	BldgType*HouseStyle 2fmCon 1.5Fi	B	-0.22863	3.66677	-0.06	0.9503
BldgType*HouseStyle 2fmCon 1.5Un	BldgType*HouseStyle 2fmCon 1.5Un	0	0	.	.	.
BldgType*HouseStyle 2fmCon 1Stor	BldgType*HouseStyle 2fmCon 1Story	B	0.09913	3.66809	0.03	0.9784
BldgType*HouseStyle 2fmCon 2.5Fi	BldgType*HouseStyle 2fmCon 2.5Fin	0	0	.	.	.
BldgType*HouseStyle 2fmCon 2.5Un	BldgType*HouseStyle 2fmCon 2.5Unf	0	0	.	.	.
BldgType*HouseStyle 2fmCon 2Stor	BldgType*HouseStyle 2fmCon 2Story	B	0.01858	3.66737	0.01	0.9960
BldgType*HouseStyle 2fmCon SFoye	BldgType*HouseStyle 2fmCon SFoyer	0	0	.	.	.
BldgType*HouseStyle Duplex 1.5Fi	BldgType*HouseStyle Duplex 1.5Fin	0	0	.	.	.
BldgType*HouseStyle Duplex 1.5Un	BldgType*HouseStyle Duplex 1.5Unf	0	0	.	.	.
BldgType*HouseStyle Duplex 1Stor	BldgType*HouseStyle Duplex 1Story	B	0.18738	0.20073	0.93	0.3508
BldgType*HouseStyle Duplex 2.5Fi	BldgType*HouseStyle Duplex 2.5Fin	0	0	.	.	.

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
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Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
BldgType*HouseStyle Duplex 2.5Un	BldgType*HouseStyle Duplex 2.5Unf	0	0	.	.	.
BldgType*HouseStyle Duplex 2Stor	BldgType*HouseStyle Duplex 2Story	B	0.46487	0.19783	2.35	0.0190
BldgType*HouseStyle Duplex SFoyer	BldgType*HouseStyle Duplex SFoyer	B	0.34362	0.21541	1.60	0.1110
BldgType*HouseStyle Twnhs 1.5Fin	BldgType*HouseStyle Twnhs 1.5Fin	0	0	.	.	.
BldgType*HouseStyle Twnhs 1.5Unf	BldgType*HouseStyle Twnhs 1.5Unf	0	0	.	.	.
BldgType*HouseStyle Twnhs 1Story	BldgType*HouseStyle Twnhs 1Story	B	1.42543	2.10286	0.68	0.4980
BldgType*HouseStyle Twnhs 2.5Fin	BldgType*HouseStyle Twnhs 2.5Fin	0	0	.	.	.
BldgType*HouseStyle Twnhs 2.5Unf	BldgType*HouseStyle Twnhs 2.5Unf	0	0	.	.	.
BldgType*HouseStyle Twnhs 2Story	BldgType*HouseStyle Twnhs 2Story	B	1.50633	2.09916	0.72	0.4732
BldgType*HouseStyle Twnhs SFoyer	BldgType*HouseStyle Twnhs SFoyer	B	1.83724	1.78201	1.03	0.3028
Neighborhood Blmngtn	Neighborhood Blmngtn	B	44.63548	452.26401	0.10	0.9214
Neighborhood Blueste	Neighborhood Blueste	B	4.43298	17.60899	0.25	0.8013
Neighborhood BrDale	Neighborhood BrDale	B	-117.05726	461.37714	-0.25	0.7998
Neighborhood BrkSide	Neighborhood BrkSide	B	-87.39639	442.65503	-0.20	0.8435
Neighborhood ClearCr	Neighborhood ClearCr	B	-83.79050	442.65203	-0.19	0.8499
Neighborhood CollgCr	Neighborhood CollgCr	B	-95.72252	446.30973	-0.21	0.8302
Neighborhood Crawfor	Neighborhood Crawfor	B	-92.74845	446.27676	-0.21	0.8354
Neighborhood Edwards	Neighborhood Edwards	B	-97.61425	446.25925	-0.22	0.8269
Neighborhood Gilbert	Neighborhood Gilbert	B	-96.34876	442.64436	-0.22	0.8277
Neighborhood IDOTRR	Neighborhood IDOTRR	B	-102.73780	446.27324	-0.23	0.8180
Neighborhood MeadowV	Neighborhood MeadowV	B	-77.75285	450.18553	-0.17	0.8629
Neighborhood Mitchel	Neighborhood Mitchel	B	-89.07641	446.30556	-0.20	0.8418
Neighborhood NAmes	Neighborhood NAmes	B	-90.24600	446.29501	-0.20	0.8398
Neighborhood NPkVill	Neighborhood NPkVill	B	-57.33486	466.74774	-0.12	0.9023
Neighborhood NWAmes	Neighborhood NWAmes	B	-100.59212	446.28035	-0.23	0.8217
Neighborhood NoRidge	Neighborhood NoRidge	B	-95.77368	443.20550	-0.22	0.8290
Neighborhood NridgHt	Neighborhood NridgHt	B	-157.05446	443.56668	-0.35	0.7234
Neighborhood OldTown	Neighborhood OldTown	B	-95.51302	446.26652	-0.21	0.8306
Neighborhood SWISU	Neighborhood SWISU	B	-105.09381	442.72010	-0.24	0.8124
Neighborhood Sawyer	Neighborhood Sawyer	B	-97.04086	446.27593	-0.22	0.8279
Neighborhood SawyerW	Neighborhood SawyerW	B	-95.57850	446.28201	-0.21	0.8305
Neighborhood Somerst	Neighborhood Somerst	B	-104.84321	446.36263	-0.23	0.8143
Neighborhood StoneBr	Neighborhood StoneBr	B	-110.21002	446.31354	-0.25	0.8050

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighborhood Timber	Neighborhood Timber	B	-120.79871	442.82247	-0.27	0.7851
GrLlvArea*Neighborhood Blmngtn	GrLlvArea*Neighborhood Blmngtn	B	-0.48118	3.90976	-0.12	0.9021
GrLlvArea*Neighborhood Blueste	GrLlvArea*Neighborhood Blueste	B	-0.71166	2.76418	-0.26	0.7969
GrLlvArea*Neighborhood BrDale	GrLlvArea*Neighborhood BrDale	B	-0.51503	4.96449	-0.10	0.9174
GrLlvArea*Neighborhood BrkSide	GrLlvArea*Neighborhood BrkSide	B	0.14252	3.84643	0.04	0.9704
GrLlvArea*Neighborhood ClearCr	GrLlvArea*Neighborhood ClearCr	B	-0.17852	3.85735	-0.05	0.9631
GrLlvArea*Neighborhood CollgCr	GrLlvArea*Neighborhood CollgCr	B	0.31422	3.84872	0.08	0.9349
GrLlvArea*Neighborhood Crawfor	GrLlvArea*Neighborhood Crawfor	B	0.25740	3.84674	0.07	0.9467
GrLlvArea*Neighborhood Edwards	GrLlvArea*Neighborhood Edwards	B	0.00439	3.84464	0.00	0.9991
GrLlvArea*Neighborhood Gilbert	GrLlvArea*Neighborhood Gilbert	B	0.13437	3.84547	0.03	0.9721
GrLlvArea*Neighborhood IDOTRR	GrLlvArea*Neighborhood IDOTRR	B	0.62392	3.84851	0.16	0.8712
GrLlvArea*Neighborhood MeadowV	GrLlvArea*Neighborhood MeadowV	B	1.86401	4.41132	0.42	0.6727
GrLlvArea*Neighborhood Mitchel	GrLlvArea*Neighborhood Mitchel	B	0.03410	3.84718	0.01	0.9929
GrLlvArea*Neighborhood NAmes	GrLlvArea*Neighborhood NAmes	B	0.09265	3.84481	0.02	0.9808
GrLlvArea*Neighborhood NPkVill	GrLlvArea*Neighborhood NPkVill	B	-0.14830	4.28564	-0.03	0.9724
GrLlvArea*Neighborhood NWAmes	GrLlvArea*Neighborhood NWAmes	B	0.09847	3.84364	0.03	0.9796
GrLlvArea*Neighborhood NoRidge	GrLlvArea*Neighborhood NoRidge	B	0.12608	3.85816	0.03	0.9739
GrLlvArea*Neighborhood NridgHt	GrLlvArea*Neighborhood NridgHt	B	0.58301	3.84879	0.15	0.8796
GrLlvArea*Neighborhood OldTown	GrLlvArea*Neighborhood OldTown	B	0.35453	3.84502	0.09	0.9266
GrLlvArea*Neighborhood SWISU	GrLlvArea*Neighborhood SWISU	B	0.40760	3.84706	0.11	0.9156
GrLlvArea*Neighborhood Sawyer	GrLlvArea*Neighborhood Sawyer	B	-0.03228	3.84527	-0.01	0.9933
GrLlvArea*Neighborhood SawyerW	GrLlvArea*Neighborhood SawyerW	B	0.00863	3.84950	0.00	0.9982
GrLlvArea*Neighborhood Somerst	GrLlvArea*Neighborhood Somerst	B	0.22381	3.84995	0.06	0.9537
GrLlvArea*Neighborhood StoneBr	GrLlvArea*Neighborhood StoneBr	B	-0.41203	3.86145	-0.11	0.9150
GrLlvArea*Neighborhood Timber	GrLlvArea*Neighborhood Timber	B	0.36325	3.84554	0.09	0.9248
LotArea*Neighborhood Blmngtn	LotArea*Neighborhood Blmngtn	B	0.00118	0.00050648	2.32	0.0205
LotArea*Neighborhood Blueste	LotArea*Neighborhood Blueste	0	0	.	.	.
LotArea*Neighborhood BrDale	LotArea*Neighborhood BrDale	B	-0.00012907	0.00026097	-0.49	0.6210
LotArea*Neighborhood BrkSide	LotArea*Neighborhood BrkSide	B	0.00001080	0.00005457	0.20	0.8431
LotArea*Neighborhood ClearCr	LotArea*Neighborhood ClearCr	B	-0.00002229	0.00005388	-0.41	0.6792
LotArea*Neighborhood CollgCr	LotArea*Neighborhood CollgCr	B	-0.00001528	0.00005417	-0.28	0.7780
LotArea*Neighborhood Crawfor	LotArea*Neighborhood Crawfor	B	-0.00001993	0.00005429	-0.37	0.7136
LotArea*Neighborhood Edwards	LotArea*Neighborhood Edwards	B	-0.00002625	0.00005402	-0.49	0.6271

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
LotArea*Neighborhood Gilbert	LotArea*Neighborhood Gilbert	B	-0.00001061	0.00005401	-0.20	0.8443
LotArea*Neighborhood IDOTRR	LotArea*Neighborhood IDOTRR	B	-0.00001809	0.00005465	-0.33	0.7407
LotArea*Neighborhood MeadowV	LotArea*Neighborhood MeadowV	B	-0.00040464	0.00041973	-0.96	0.3352
LotArea*Neighborhood Mitchel	LotArea*Neighborhood Mitchel	B	-0.00003265	0.00005404	-0.60	0.5459
LotArea*Neighborhood NAmes	LotArea*Neighborhood NAmes	B	-0.00002416	0.00005396	-0.45	0.6544
LotArea*Neighborhood NPkVill	LotArea*Neighborhood NPkVill	B	-0.00000485	0.00028403	-0.02	0.9864
LotArea*Neighborhood NWAmes	LotArea*Neighborhood NWAmes	B	-0.00001809	0.00005408	-0.33	0.7381
LotArea*Neighborhood NoRidge	LotArea*Neighborhood NoRidge	B	-0.00000996	0.00005398	-0.18	0.8537
LotArea*Neighborhood NridgHt	LotArea*Neighborhood NridgHt	B	-0.00000664	0.00005448	-0.12	0.9030
LotArea*Neighborhood OldTown	LotArea*Neighborhood OldTown	B	-0.00001771	0.00005419	-0.33	0.7440
LotArea*Neighborhood SWISU	LotArea*Neighborhood SWISU	B	-0.00005862	0.00005554	-1.06	0.2915
LotArea*Neighborhood Sawyer	LotArea*Neighborhood Sawyer	B	-0.00002000	0.00005411	-0.37	0.7117
LotArea*Neighborhood SawyerW	LotArea*Neighborhood SawyerW	B	-0.00000335	0.00005499	-0.06	0.9514
LotArea*Neighborhood Somerst	LotArea*Neighborhood Somerst	B	-0.00000675	0.00005433	-0.12	0.9012
LotArea*Neighborhood StoneBr	LotArea*Neighborhood StoneBr	B	-0.00001306	0.00005402	-0.24	0.8090
LotArea*Neighborhood Timber	LotArea*Neighborhood Timber	B	-0.00002559	0.00005388	-0.48	0.6349
OverallCo*Neighborho Blmngtn	OverallCo*Neighborho Blmngtn	0	0	.	.	.
OverallCo*Neighborho Blueste	OverallCo*Neighborho Blueste	0	0	.	.	.
OverallCo*Neighborho BrDale	OverallCo*Neighborho BrDale	B	0.16126	0.59981	0.27	0.7881
OverallCo*Neighborho BrkSide	OverallCo*Neighborho BrkSide	B	0.12336	0.59812	0.21	0.8366
OverallCo*Neighborho ClearCr	OverallCo*Neighborho ClearCr	B	0.04612	0.59833	0.08	0.9386
OverallCo*Neighborho CollgCr	OverallCo*Neighborho CollgCr	B	0.12736	0.59845	0.21	0.8315
OverallCo*Neighborho Crawfor	OverallCo*Neighborho Crawfor	B	0.12221	0.59794	0.20	0.8381
OverallCo*Neighborho Edwards	OverallCo*Neighborho Edwards	B	0.15018	0.59795	0.25	0.8017
OverallCo*Neighborho Gilbert	OverallCo*Neighborho Gilbert	B	0.10628	0.59868	0.18	0.8591
OverallCo*Neighborho IDOTRR	OverallCo*Neighborho IDOTRR	B	0.21733	0.59808	0.36	0.7164
OverallCo*Neighborho MeadowV	OverallCo*Neighborho MeadowV	B	-0.03452	0.60463	-0.06	0.9545
OverallCo*Neighborho Mitchel	OverallCo*Neighborho Mitchel	B	0.10930	0.59834	0.18	0.8551
OverallCo*Neighborho NAmes	OverallCo*Neighborho NAmes	B	0.11931	0.59784	0.20	0.8419
OverallCo*Neighborho NPkVill	OverallCo*Neighborho NPkVill	B	0.08479	0.61541	0.14	0.8904
OverallCo*Neighborho NWAmes	OverallCo*Neighborho NWAmes	B	0.12071	0.59799	0.20	0.8401
OverallCo*Neighborho NoRidge	OverallCo*Neighborho NoRidge	B	0.05352	0.59889	0.09	0.9288
OverallCo*Neighborho NridgHt	OverallCo*Neighborho NridgHt	0	0	.	.	.

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
OverallCo*Neighborho OldTown	OverallCo*Neighborho OldTown	B	0.14943	0.59802	0.25	0.8027
OverallCo*Neighborho SWISU	OverallCo*Neighborho SWISU	B	0.11915	0.59855	0.20	0.8422
OverallCo*Neighborho Sawyer	OverallCo*Neighborho Sawyer	B	0.11295	0.59802	0.19	0.8502
OverallCo*Neighborho SawyerW	OverallCo*Neighborho SawyerW	B	0.06669	0.59893	0.11	0.9114
OverallCo*Neighborho Somerst	OverallCo*Neighborho Somerst	B	0.02639	0.60414	0.04	0.9652
OverallCo*Neighborho StoneBr	OverallCo*Neighborho StoneBr	B	0.08501	0.59880	0.14	0.8871
OverallCo*Neighborho Timber	OverallCo*Neighborho Timber	B	0.11890	0.60016	0.20	0.8430
YearBuilt*Neighborho Blmngtn	YearBuilt*Neighborho Blmngtn	B	-0.02206	0.21492	-0.10	0.9183
YearBuilt*Neighborho Blueste	YearBuilt*Neighborho Blueste	0	0	.	.	.
YearBuilt*Neighborho BrDale	YearBuilt*Neighborho BrDale	B	0.06016	0.21630	0.28	0.7809
YearBuilt*Neighborho BrkSide	YearBuilt*Neighborho BrkSide	B	0.04281	0.20977	0.20	0.8383
YearBuilt*Neighborho ClearCr	YearBuilt*Neighborho ClearCr	B	0.04284	0.20976	0.20	0.8382
YearBuilt*Neighborho CollgCr	YearBuilt*Neighborho CollgCr	B	0.04646	0.20978	0.22	0.8248
YearBuilt*Neighborho Crawfor	YearBuilt*Neighborho Crawfor	B	0.04547	0.20977	0.22	0.8284
YearBuilt*Neighborho Edwards	YearBuilt*Neighborho Edwards	B	0.04837	0.20976	0.23	0.8177
YearBuilt*Neighborho Gilbert	YearBuilt*Neighborho Gilbert	B	0.04749	0.20977	0.23	0.8209
YearBuilt*Neighborho IDOTRR	YearBuilt*Neighborho IDOTRR	B	0.04865	0.20976	0.23	0.8166
YearBuilt*Neighborho MeadowV	YearBuilt*Neighborho MeadowV	B	0.03341	0.21158	0.16	0.8746
YearBuilt*Neighborho Mitchel	YearBuilt*Neighborho Mitchel	B	0.04414	0.20978	0.21	0.8334
YearBuilt*Neighborho NAmes	YearBuilt*Neighborho NAmes	B	0.04462	0.20978	0.21	0.8316
YearBuilt*Neighborho NPkVill	YearBuilt*Neighborho NPkVill	B	0.02901	0.22102	0.13	0.8956
YearBuilt*Neighborho NWAmes	YearBuilt*Neighborho NWAmes	B	0.04985	0.20978	0.24	0.8122
YearBuilt*Neighborho NoRidge	YearBuilt*Neighborho NoRidge	B	0.04762	0.21005	0.23	0.8207
YearBuilt*Neighborho NridgHt	YearBuilt*Neighborho NridgHt	B	0.07645	0.20990	0.36	0.7158
YearBuilt*Neighborho OldTown	YearBuilt*Neighborho OldTown	B	0.04624	0.20976	0.22	0.8256
YearBuilt*Neighborho SWISU	YearBuilt*Neighborho SWISU	B	0.05152	0.20981	0.25	0.8061
YearBuilt*Neighborho Sawyer	YearBuilt*Neighborho Sawyer	B	0.04836	0.20977	0.23	0.8177
YearBuilt*Neighborho SawyerW	YearBuilt*Neighborho SawyerW	B	0.04764	0.20977	0.23	0.8204
YearBuilt*Neighborho Somerst	YearBuilt*Neighborho Somerst	B	0.05173	0.20982	0.25	0.8053
YearBuilt*Neighborho StoneBr	YearBuilt*Neighborho StoneBr	B	0.05679	0.20979	0.27	0.7867
YearBuilt*Neighborho Timber	YearBuilt*Neighborho Timber	B	0.05979	0.20986	0.28	0.7758
MasVnrAre*Neighborho Blmngtn	MasVnrAre*Neighborho Blmngtn	B	0.00157	0.00331	0.47	0.6365
MasVnrAre*Neighborho Blueste	MasVnrAre*Neighborho Blueste	0	0	.	.	.

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
MasVnrAre*Neighborhood BrDale	MasVnrAre*Neighborhood BrDale	B	-0.00089502	0.00309	-0.29	0.7721
MasVnrAre*Neighborhood BrkSide	MasVnrAre*Neighborhood BrkSide	B	-0.00027275	0.00312	-0.09	0.9304
MasVnrAre*Neighborhood ClearCr	MasVnrAre*Neighborhood ClearCr	B	-0.00092575	0.00305	-0.30	0.7619
MasVnrAre*Neighborhood CollgCr	MasVnrAre*Neighborhood CollgCr	B	-0.00019935	0.00305	-0.07	0.9479
MasVnrAre*Neighborhood Crawfor	MasVnrAre*Neighborhood Crawfor	B	-0.00061440	0.00305	-0.20	0.8405
MasVnrAre*Neighborhood Edwards	MasVnrAre*Neighborhood Edwards	B	-0.00068865	0.00305	-0.23	0.8216
MasVnrAre*Neighborhood Gilbert	MasVnrAre*Neighborhood Gilbert	B	-0.00015591	0.00305	-0.05	0.9593
MasVnrAre*Neighborhood IDOTRR	MasVnrAre*Neighborhood IDOTRR	B	-0.00079065	0.00306	-0.26	0.7963
MasVnrAre*Neighborhood MeadowV	MasVnrAre*Neighborhood MeadowV	B	-0.00465	0.00924	-0.50	0.6146
MasVnrAre*Neighborhood Mitchel	MasVnrAre*Neighborhood Mitchel	B	-0.00032512	0.00306	-0.11	0.9155
MasVnrAre*Neighborhood NAmes	MasVnrAre*Neighborhood NAmes	B	-0.00041632	0.00305	-0.14	0.8915
MasVnrAre*Neighborhood NPkVill	MasVnrAre*Neighborhood NPkVill	0	0	.	.	.
MasVnrAre*Neighborhood NWAmes	MasVnrAre*Neighborhood NWAmes	B	-0.00044111	0.00305	-0.14	0.8851
MasVnrAre*Neighborhood NoRidge	MasVnrAre*Neighborhood NoRidge	B	-0.00017403	0.00305	-0.06	0.9545
MasVnrAre*Neighborhood NridgHt	MasVnrAre*Neighborhood NridgHt	B	-0.00032293	0.00305	-0.11	0.9157
MasVnrAre*Neighborhood OldTown	MasVnrAre*Neighborhood OldTown	B	-0.00082896	0.00306	-0.27	0.7862
MasVnrAre*Neighborhood SWISU	MasVnrAre*Neighborhood SWISU	B	-0.00065631	0.00311	-0.21	0.8331
MasVnrAre*Neighborhood Sawyer	MasVnrAre*Neighborhood Sawyer	B	-0.00055561	0.00306	-0.18	0.8559
MasVnrAre*Neighborhood SawyerW	MasVnrAre*Neighborhood SawyerW	B	-0.00013819	0.00305	-0.05	0.9639
MasVnrAre*Neighborhood Somerst	MasVnrAre*Neighborhood Somerst	B	-0.00039318	0.00305	-0.13	0.8974
MasVnrAre*Neighborhood StoneBr	MasVnrAre*Neighborhood StoneBr	B	-0.00019725	0.00305	-0.06	0.9485
MasVnrAre*Neighborhood Timber	MasVnrAre*Neighborhood Timber	B	-0.00022226	0.00305	-0.07	0.9419
TotalBsmt*Neighborhood Blmngtn	TotalBsmt*Neighborhood Blmngtn	B	0.00110	0.00188	0.59	0.5580
TotalBsmt*Neighborhood Blueste	TotalBsmt*Neighborhood Blueste	0	0	.	.	.
TotalBsmt*Neighborhood BrDale	TotalBsmt*Neighborhood BrDale	B	0.00079000	0.00407	0.19	0.8461
TotalBsmt*Neighborhood BrkSide	TotalBsmt*Neighborhood BrkSide	B	-0.00007056	0.00167	-0.04	0.9663
TotalBsmt*Neighborhood ClearCr	TotalBsmt*Neighborhood ClearCr	B	0.00015482	0.00167	0.09	0.9263
TotalBsmt*Neighborhood CollgCr	TotalBsmt*Neighborhood CollgCr	B	-0.00024761	0.00167	-0.15	0.8824
TotalBsmt*Neighborhood Crawfor	TotalBsmt*Neighborhood Crawfor	B	-0.00025924	0.00167	-0.16	0.8767
TotalBsmt*Neighborhood Edwards	TotalBsmt*Neighborhood Edwards	B	-0.00021718	0.00167	-0.13	0.8964
TotalBsmt*Neighborhood Gilbert	TotalBsmt*Neighborhood Gilbert	B	-0.00013261	0.00167	-0.08	0.9368
TotalBsmt*Neighborhood IDOTRR	TotalBsmt*Neighborhood IDOTRR	B	0.00030415	0.00167	0.18	0.8559
TotalBsmt*Neighborhood MeadowV	TotalBsmt*Neighborhood MeadowV	B	-0.00340	0.00399	-0.85	0.3943

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
TotalBsmt*Neighborho Mitchel	TotalBsmt*Neighborho Mitchel	B	-0.00003337	0.00167	-0.02	0.9841
TotalBsmt*Neighborho NAmes	TotalBsmt*Neighborho NAmes	B	-0.00022015	0.00167	-0.13	0.8951
TotalBsmt*Neighborho NPkVill	TotalBsmt*Neighborho NPkVill	B	-0.00043466	0.00250	-0.17	0.8618
TotalBsmt*Neighborho NWAmes	TotalBsmt*Neighborho NWAmes	B	-0.00017928	0.00167	-0.11	0.9144
TotalBsmt*Neighborho NoRidge	TotalBsmt*Neighborho NoRidge	B	-0.00011298	0.00168	-0.07	0.9463
TotalBsmt*Neighborho NridgHt	TotalBsmt*Neighborho NridgHt	B	-0.00011496	0.00167	-0.07	0.9451
TotalBsmt*Neighborho OldTown	TotalBsmt*Neighborho OldTown	B	-0.00032612	0.00167	-0.20	0.8452
TotalBsmt*Neighborho SWISU	TotalBsmt*Neighborho SWISU	B	-0.00069231	0.00168	-0.41	0.6807
TotalBsmt*Neighborho Sawyer	TotalBsmt*Neighborho Sawyer	B	-0.00010441	0.00167	-0.06	0.9501
TotalBsmt*Neighborho SawyerW	TotalBsmt*Neighborho SawyerW	B	-0.00010085	0.00167	-0.06	0.9519
TotalBsmt*Neighborho Somerst	TotalBsmt*Neighborho Somerst	B	0.00000642	0.00168	0.00	0.9969
TotalBsmt*Neighborho StoneBr	TotalBsmt*Neighborho StoneBr	B	0.00033790	0.00168	0.20	0.8405
TotalBsmt*Neighborho Timber	TotalBsmt*Neighborho Timber	B	-0.00009106	0.00167	-0.05	0.9565
FullBath*Neighborho Blmngtn	FullBath*Neighborho Blmngtn	B	-0.21873	1.24071	-0.18	0.8601
FullBath*Neighborho Blueste	FullBath*Neighborho Blueste	0	0	.	.	.
FullBath*Neighborho BrDale	FullBath*Neighborho BrDale	B	-0.17062	1.28489	-0.13	0.8944
FullBath*Neighborho BrkSide	FullBath*Neighborho BrkSide	B	-0.14280	1.24091	-0.12	0.9084
FullBath*Neighborho ClearCr	FullBath*Neighborho ClearCr	B	-0.32835	1.24077	-0.26	0.7913
FullBath*Neighborho CollgCr	FullBath*Neighborho CollgCr	B	-0.15638	1.23966	-0.13	0.8996
FullBath*Neighborho Crawfor	FullBath*Neighborho Crawfor	B	-0.26452	1.23992	-0.21	0.8311
FullBath*Neighborho Edwards	FullBath*Neighborho Edwards	B	-0.10482	1.23916	-0.08	0.9326
FullBath*Neighborho Gilbert	FullBath*Neighborho Gilbert	B	-0.27431	1.25172	-0.22	0.8266
FullBath*Neighborho IDOTRR	FullBath*Neighborho IDOTRR	B	-0.35373	1.24120	-0.28	0.7757
FullBath*Neighborho MeadowV	FullBath*Neighborho MeadowV	B	1.11978	1.98268	0.56	0.5723
FullBath*Neighborho Mitchel	FullBath*Neighborho Mitchel	B	-0.20972	1.24009	-0.17	0.8657
FullBath*Neighborho NAmes	FullBath*Neighborho NAmes	B	-0.19022	1.23898	-0.15	0.8780
FullBath*Neighborho NPkVill	FullBath*Neighborho NPkVill	0	0	.	.	.
FullBath*Neighborho NWAmes	FullBath*Neighborho NWAmes	B	-0.25479	1.23927	-0.21	0.8371
FullBath*Neighborho NoRidge	FullBath*Neighborho NoRidge	B	-0.08416	1.24554	-0.07	0.9461
FullBath*Neighborho NridgHt	FullBath*Neighborho NridgHt	B	-0.28473	1.24023	-0.23	0.8185
FullBath*Neighborho OldTown	FullBath*Neighborho OldTown	B	-0.20097	1.23925	-0.16	0.8712
FullBath*Neighborho SWISU	FullBath*Neighborho SWISU	B	-0.24975	1.24074	-0.20	0.8405
FullBath*Neighborho Sawyer	FullBath*Neighborho Sawyer	B	-0.21393	1.23943	-0.17	0.8630

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
FullBath*Neighborhood SawyerW	FullBath*Neighborhood SawyerW	B	-0.08339	1.24052	-0.07	0.9464
FullBath*Neighborhood Somerst	FullBath*Neighborhood Somerst	B	-0.25561	1.24092	-0.21	0.8368
FullBath*Neighborhood StoneBr	FullBath*Neighborhood StoneBr	B	-0.30911	1.24084	-0.25	0.8033
FullBath*Neighborhood Timber	FullBath*Neighborhood Timber	B	-0.44568	1.24848	-0.36	0.7212
Fireplace*Neighborhood Blmgtn	Fireplace*Neighborhood Blmgtn	B	-0.13127	0.35815	-0.37	0.7141
Fireplace*Neighborhood Blueste	Fireplace*Neighborhood Blueste	0	0	.	.	.
Fireplace*Neighborhood BrDale	Fireplace*Neighborhood BrDale	B	0.15390	0.34982	0.44	0.6601
Fireplace*Neighborhood BrkSide	Fireplace*Neighborhood BrkSide	B	0.14129	0.32632	0.43	0.6651
Fireplace*Neighborhood ClearCr	Fireplace*Neighborhood ClearCr	B	0.02438	0.32762	0.07	0.9407
Fireplace*Neighborhood CollgCr	Fireplace*Neighborhood CollgCr	B	0.07116	0.32527	0.22	0.8269
Fireplace*Neighborhood Crawfor	Fireplace*Neighborhood Crawfor	B	0.13510	0.32671	0.41	0.6793
Fireplace*Neighborhood Edwards	Fireplace*Neighborhood Edwards	B	0.19559	0.32606	0.60	0.5487
Fireplace*Neighborhood Gilbert	Fireplace*Neighborhood Gilbert	B	0.09322	0.32762	0.28	0.7761
Fireplace*Neighborhood IDOTRR	Fireplace*Neighborhood IDOTRR	B	0.39221	0.33015	1.19	0.2351
Fireplace*Neighborhood MeadowV	Fireplace*Neighborhood MeadowV	B	-0.40576	1.16841	-0.35	0.7285
Fireplace*Neighborhood Mitchel	Fireplace*Neighborhood Mitchel	B	0.12327	0.32670	0.38	0.7060
Fireplace*Neighborhood NAmes	Fireplace*Neighborhood NAmes	B	0.10584	0.32496	0.33	0.7447
Fireplace*Neighborhood NPkVill	Fireplace*Neighborhood NPkVill	B	-0.01083	0.38794	-0.03	0.9777
Fireplace*Neighborhood NWAmes	Fireplace*Neighborhood NWAmes	B	0.06268	0.32636	0.19	0.8477
Fireplace*Neighborhood NoRidge	Fireplace*Neighborhood NoRidge	B	0.16356	0.33030	0.50	0.6206
Fireplace*Neighborhood NridgHt	Fireplace*Neighborhood NridgHt	B	0.08416	0.32654	0.26	0.7967
Fireplace*Neighborhood OldTown	Fireplace*Neighborhood OldTown	B	0.16983	0.32578	0.52	0.6023
Fireplace*Neighborhood SWISU	Fireplace*Neighborhood SWISU	B	0.16661	0.33068	0.50	0.6145
Fireplace*Neighborhood Sawyer	Fireplace*Neighborhood Sawyer	B	0.10412	0.32648	0.32	0.7498
Fireplace*Neighborhood SawyerW	Fireplace*Neighborhood SawyerW	B	0.04573	0.32703	0.14	0.8888
Fireplace*Neighborhood Somerst	Fireplace*Neighborhood Somerst	B	0.04065	0.32631	0.12	0.9009
Fireplace*Neighborhood StoneBr	Fireplace*Neighborhood StoneBr	B	0.07043	0.33278	0.21	0.8324
Fireplace*Neighborhood Timber	Fireplace*Neighborhood Timber	B	0.14617	0.32789	0.45	0.6558
Neighborhood*BldgType Blmgtn 1Fa	Neighborhood*BldgType Blmgtn 1Fam	B	1.09567	3.64991	0.30	0.7641
Neighborhood*BldgType Blmgtn 2fm	Neighborhood*BldgType Blmgtn 2fmCon	0	0	.	.	.
Neighborhood*BldgType Blmgtn Dup	Neighborhood*BldgType Blmgtn Duplex	0	0	.	.	.
Neighborhood*BldgType Blmgtn Twn	Neighborhood*BldgType Blmgtn Twnhs	0	0	.	.	.
Neighborhood*BldgType Blueste 1Fa	Neighborhood*BldgType Blueste 1Fam	0	0	.	.	.

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighborhoo*BldgType Blueste 2fm	Neighborhoo*BldgType Blueste 2fmCon	0	0	.	.	.
Neighborhoo*BldgType Blueste Dup	Neighborhoo*BldgType Blueste Duplex	0	0	.	.	.
Neighborhoo*BldgType Blueste Twn	Neighborhoo*BldgType Blueste Twnhs	0	0	.	.	.
Neighborhoo*BldgType BrDale 1Fam	Neighborhoo*BldgType BrDale 1Fam	0	0	.	.	.
Neighborhoo*BldgType BrDale 2fmC	Neighborhoo*BldgType BrDale 2fmCon	0	0	.	.	.
Neighborhoo*BldgType BrDale Dupl	Neighborhoo*BldgType BrDale Duplex	0	0	.	.	.
Neighborhoo*BldgType BrDale Twnh	Neighborhoo*BldgType BrDale Twnhs	B	-0.01896	0.30109	-0.06	0.9498
Neighborhoo*BldgType BrkSide 1Fa	Neighborhoo*BldgType BrkSide 1Fam	B	0.63805	0.39443	1.62	0.1060
Neighborhoo*BldgType BrkSide 2fm	Neighborhoo*BldgType BrkSide 2fmCon	0	0	.	.	.
Neighborhoo*BldgType BrkSide Dup	Neighborhoo*BldgType BrkSide Duplex	0	0	.	.	.
Neighborhoo*BldgType BrkSide Twn	Neighborhoo*BldgType BrkSide Twnhs	0	0	.	.	.
Neighborhoo*BldgType ClearCr 1Fa	Neighborhoo*BldgType ClearCr 1Fam	0	0	.	.	.
Neighborhoo*BldgType ClearCr 2fm	Neighborhoo*BldgType ClearCr 2fmCon	0	0	.	.	.
Neighborhoo*BldgType ClearCr Dup	Neighborhoo*BldgType ClearCr Duplex	0	0	.	.	.
Neighborhoo*BldgType ClearCr Twn	Neighborhoo*BldgType ClearCr Twnhs	0	0	.	.	.
Neighborhoo*BldgType CollgCr 1Fa	Neighborhoo*BldgType CollgCr 1Fam	B	1.03377	3.64677	0.28	0.7769
Neighborhoo*BldgType CollgCr 2fm	Neighborhoo*BldgType CollgCr 2fmCon	0	0	.	.	.
Neighborhoo*BldgType CollgCr Dup	Neighborhoo*BldgType CollgCr Duplex	0	0	.	.	.
Neighborhoo*BldgType CollgCr Twn	Neighborhoo*BldgType CollgCr Twnhs	0	0	.	.	.
Neighborhoo*BldgType Crawfor 1Fa	Neighborhoo*BldgType Crawfor 1Fam	B	0.68613	3.64857	0.19	0.8509
Neighborhoo*BldgType Crawfor 2fm	Neighborhoo*BldgType Crawfor 2fmCon	B	-0.33806	3.66639	-0.09	0.9266
Neighborhoo*BldgType Crawfor Dup	Neighborhoo*BldgType Crawfor Duplex	B	-0.54068	0.22020	-2.46	0.0142
Neighborhoo*BldgType Crawfor Twn	Neighborhoo*BldgType Crawfor Twnhs	0	0	.	.	.
Neighborhoo*BldgType Edwards 1Fa	Neighborhoo*BldgType Edwards 1Fam	B	1.18524	3.64751	0.32	0.7453
Neighborhoo*BldgType Edwards 2fm	Neighborhoo*BldgType Edwards 2fmCon	B	0.35418	3.66301	0.10	0.9230
Neighborhoo*BldgType Edwards Dup	Neighborhoo*BldgType Edwards Duplex	B	0.25870	0.22360	1.16	0.2475
Neighborhoo*BldgType Edwards Twn	Neighborhoo*BldgType Edwards Twnhs	B	-0.06640	0.13151	-0.50	0.6137
Neighborhoo*BldgType Gilbert 1Fa	Neighborhoo*BldgType Gilbert 1Fam	B	1.09896	0.41171	2.67	0.0077
Neighborhoo*BldgType Gilbert 2fm	Neighborhoo*BldgType Gilbert 2fmCon	0	0	.	.	.
Neighborhoo*BldgType Gilbert Dup	Neighborhoo*BldgType Gilbert Duplex	0	0	.	.	.
Neighborhoo*BldgType Gilbert Twn	Neighborhoo*BldgType Gilbert Twnhs	0	0	.	.	.
Neighborhoo*BldgType IDOTRR 1Fam	Neighborhoo*BldgType IDOTRR 1Fam	B	0.70439	3.65216	0.19	0.8471
Neighborhoo*BldgType IDOTRR 2fmC	Neighborhoo*BldgType IDOTRR 2fmCon	B	0.10820	3.66984	0.03	0.9765

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighborhoo*BldgType IDOTRR Dupl	Neighborhoo*BldgType IDOTRR Duplex	0	0	.	.	.
Neighborhoo*BldgType IDOTRR Twnh	Neighborhoo*BldgType IDOTRR Twnhs	0	0	.	.	.
Neighborhoo*BldgType MeadowV 1Fa	Neighborhoo*BldgType MeadowV 1Fam	0	0	.	.	.
Neighborhoo*BldgType MeadowV 2fm	Neighborhoo*BldgType MeadowV 2fmCon	0	0	.	.	.
Neighborhoo*BldgType MeadowV Dup	Neighborhoo*BldgType MeadowV Duplex	0	0	.	.	.
Neighborhoo*BldgType MeadowV Twn	Neighborhoo*BldgType MeadowV Twnhs	B	0.44544	0.84265	0.53	0.5972
Neighborhoo*BldgType Mitchel 1Fa	Neighborhoo*BldgType Mitchel 1Fam	B	1.10605	3.64634	0.30	0.7617
Neighborhoo*BldgType Mitchel 2fm	Neighborhoo*BldgType Mitchel 2fmCon	B	0.58211	3.66744	0.16	0.8739
Neighborhoo*BldgType Mitchel Dup	Neighborhoo*BldgType Mitchel Duplex	B	-0.03347	0.22831	-0.15	0.8835
Neighborhoo*BldgType Mitchel Twn	Neighborhoo*BldgType Mitchel Twnhs	B	0.14902	0.19707	0.76	0.4497
Neighborhoo*BldgType NAmes 1Fam	Neighborhoo*BldgType NAmes 1Fam	B	0.98018	3.64777	0.27	0.7882
Neighborhoo*BldgType NAmes 2fmCo	Neighborhoo*BldgType NAmes 2fmCon	0	0	.	.	.
Neighborhoo*BldgType NAmes Duple	Neighborhoo*BldgType NAmes Duplex	B	-0.18257	0.19917	-0.92	0.3596
Neighborhoo*BldgType NAmes Twnhs	Neighborhoo*BldgType NAmes Twnhs	0	0	.	.	.
Neighborhoo*BldgType NPkVill 1Fa	Neighborhoo*BldgType NPkVill 1Fam	0	0	.	.	.
Neighborhoo*BldgType NPkVill 2fm	Neighborhoo*BldgType NPkVill 2fmCon	0	0	.	.	.
Neighborhoo*BldgType NPkVill Dup	Neighborhoo*BldgType NPkVill Duplex	0	0	.	.	.
Neighborhoo*BldgType NPkVill Twn	Neighborhoo*BldgType NPkVill Twnhs	B	0.00675	0.21011	0.03	0.9744
Neighborhoo*BldgType NWAmes 1Fam	Neighborhoo*BldgType NWAmes 1Fam	B	1.26670	3.65092	0.35	0.7287
Neighborhoo*BldgType NWAmes 2fmC	Neighborhoo*Bldg Type NWAmes 2fmCon	0	0	.	.	.
Neighborhoo*BldgType NWAmes Dupl	Neighborhoo*BldgType NWAmes Duplex	0	0	.	.	.
Neighborhoo*BldgType NWAmes Twnh	Neighborhoo*BldgType NWAmes Twnhs	0	0	.	.	.
Neighborhoo*BldgType NoRidge 1Fa	Neighborhoo*BldgType NoRidge 1Fam	0	0	.	.	.
Neighborhoo*BldgType NoRidge 2fm	Neighborhoo*BldgType NoRidge 2fmCon	0	0	.	.	.
Neighborhoo*BldgType NoRidge Dup	Neighborhoo*BldgType NoRidge Duplex	0	0	.	.	.
Neighborhoo*BldgType NoRidge Twn	Neighborhoo*BldgType NoRidge Twnhs	0	0	.	.	.
Neighborhoo*BldgType NridgHt 1Fa	Neighborhoo*BldgType NridgHt 1Fam	B	0.98734	3.64623	0.27	0.7866
Neighborhoo*BldgType NridgHt 2fm	Neighborhoo*BldgType NridgHt 2fmCon	0	0	.	.	.
Neighborhoo*BldgType NridgHt Dup	Neighborhoo*BldgType NridgHt Duplex	0	0	.	.	.
Neighborhoo*BldgType NridgHt Twn	Neighborhoo*BldgType NridgHt Twnhs	B	0.07014	0.11683	0.60	0.5484
Neighborhoo*BldgType OldTown 1Fa	Neighborhoo*BldgType OldTown 1Fam	B	1.12048	3.65234	0.31	0.7591
Neighborhoo*BldgType OldTown 2fm	Neighborhoo*BldgType OldTown 2fmCon	B	0.43197	3.66761	0.12	0.9063
Neighborhoo*BldgType OldTown Dup	Neighborhoo*BldgType OldTown Duplex	0	0	.	.	.

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighborhoo*BldgType OldTown Twn	Neighborhoo*BldgType OldTown Twnhs	0	0	.	.	.
Neighborhoo*BldgType SWISU 1Fam	Neighborhoo*BldgType SWISU 1Fam	B	0.75460	0.37453	2.01	0.0442
Neighborhoo*BldgType SWISU 2fmCo	Neighborhoo*BldgType SWISU 2fmCon	0	0	.	.	.
Neighborhoo*BldgType SWISU Duple	Neighborhoo*BldgType SWISU Duplex	0	0	.	.	.
Neighborhoo*BldgType SWISU Twnhs	Neighborhoo*BldgType SWISU Twnhs	0	0	.	.	.
Neighborhoo*BldgType Sawyer 1Fam	Neighborhoo*BldgType Sawyer 1Fam	B	1.22463	3.65009	0.34	0.7373
Neighborhoo*BldgType Sawyer 2fmC	Neighborhoo*BldgType Sawyer 2fmCon	B	0.55275	3.66822	0.15	0.8803
Neighborhoo*BldgType Sawyer Dupl	Neighborhoo*BldgType Sawyer Duplex	0	0	.	.	.
Neighborhoo*BldgType Sawyer Twnh	Neighborhoo*BldgType Sawyer Twnhs	0	0	.	.	.
Neighborhoo*BldgType SawyerW 1Fa	Neighborhoo*BldgType SawyerW 1Fam	B	1.03330	3.64633	0.28	0.7769
Neighborhoo*BldgType SawyerW 2fm	Neighborhoo*BldgType SawyerW 2fmCon	0	0	.	.	.
Neighborhoo*BldgType SawyerW Dup	Neighborhoo*BldgType SawyerW Duplex	0	0	.	.	.
Neighborhoo*BldgType SawyerW Twn	Neighborhoo*BldgType SawyerW Twnhs	0	0	.	.	.
Neighborhoo*BldgType Somerst 1Fa	Neighborhoo*BldgType Somerst 1Fam	B	0.94011	3.64589	0.26	0.7966
Neighborhoo*BldgType Somerst 2fm	Neighborhoo*BldgType Somerst 2fmCon	0	0	.	.	.
Neighborhoo*BldgType Somerst Dup	Neighborhoo*BldgType Somerst Duplex	0	0	.	.	.
Neighborhoo*BldgType Somerst Twn	Neighborhoo*BldgType Somerst Twnhs	0	0	.	.	.
Neighborhoo*BldgType StoneBr 1Fa	Neighborhoo*BldgType StoneBr 1Fam	B	1.16793	3.64664	0.32	0.7488
Neighborhoo*BldgType StoneBr 2fm	Neighborhoo*BldgType StoneBr 2fmCon	0	0	.	.	.
Neighborhoo*BldgType StoneBr Dup	Neighborhoo*BldgType StoneBr Duplex	0	0	.	.	.
Neighborhoo*BldgType StoneBr Twn	Neighborhoo*BldgType StoneBr Twnhs	0	0	.	.	.
Neighborhoo*BldgType Timber 1Fam	Neighborhoo*BldgType Timber 1Fam	0	0	.	.	.
Neighborhoo*BldgType Timber 2fmC	Neighborhoo*BldgType Timber 2fmCon	0	0	.	.	.
Neighborhoo*BldgType Timber Dupl	Neighborhoo*BldgType Timber Duplex	0	0	.	.	.
Neighborhoo*BldgType Timber Twnh	Neighborhoo*BldgType Timber Twnhs	0	0	.	.	.
Neighborhoo*HouseStyle Blmngtn 1.5	Neighborhoo*HouseStyle Blmngtn 1.5Fin	0	0	.	.	.
Neighborhoo*HouseStyle Blmngtn 1.2	Neighborhoo*HouseStyle Blmngtn 1.5Unf	0	0	.	.	.
Neighborhoo*HouseStyle Blmngtn 1St	Neighborhoo*HouseStyle Blmngtn 1Story	0	0	.	.	.
Neighborhoo*HouseStyle Blmngtn 2.5	Neighborhoo*HouseStyle Blmngtn 2.5Fin	0	0	.	.	.
Neighborhoo*HouseStyle Blmngtn 2.2	Neighborhoo*HouseStyle Blmngtn 2.5Unf	0	0	.	.	.
Neighborhoo*HouseStyle Blmngtn 2St	Neighborhoo*HouseStyle Blmngtn 2Story	0	0	.	.	.
Neighborhoo*HouseStyle Blmngtn SFo	Neighborhoo*HouseStyle Blmngtn SFoyer	0	0	.	.	.
Neighborhoo*HouseStyle Blueste 1.5	Neighborhoo*HouseStyle Blueste 1.5Fin	0	0	.	.	.

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighbor*HouseStyle Blueste 1.2	Neighborh*HouseStyle Blueste 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle Blueste 1St	Neighborh*HouseStyle Blueste 1Story	0	0	.	.	.
Neighbor*HouseStyle Blueste 2.5	Neighborh*HouseStyle Blueste 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle Blueste 2.2	Neighborh*HouseStyle Blueste 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle Blueste 2St	Neighborh*HouseStyle Blueste 2Story	0	0	.	.	.
Neighbor*HouseStyle Blueste SFo	Neighborh*HouseStyle Blueste SFoyer	0	0	.	.	.
Neighbor*HouseStyle BrDale 1.5F	Neighborh*HouseStyle BrDale 1.5Fin	0	0	.	.	.
Neighbor*HouseStyle BrDale 1.5U	Neighborh*HouseStyle BrDale 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle BrDale 1Sto	Neighborh*HouseStyle BrDale 1Story	0	0	.	.	.
Neighbor*HouseStyle BrDale 2.5F	Neighborh*HouseStyle BrDale 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle BrDale 2.5U	Neighborh*HouseStyle BrDale 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle BrDale 2Sto	Neighborh*HouseStyle BrDale 2Story	0	0	.	.	.
Neighbor*HouseStyle BrDale SFoy	Neighborh*HouseStyle BrDale SFoyer	0	0	.	.	.
Neighbor*HouseStyle BrkSide 1.5	Neighborh*HouseStyle BrkSide 1.5Fin	B	0.20383	0.15091	1.35	0.1771
Neighbor*HouseStyle BrkSide 1.2	Neighborh*HouseStyle BrkSide 1.5Unf	B	0.70197	0.28484	2.46	0.0139
Neighbor*HouseStyle BrkSide 1St	Neighborh*HouseStyle BrkSide 1Story	B	0.03010	0.97677	0.03	0.9754
Neighbor*HouseStyle BrkSide 2.5	Neighborh*HouseStyle BrkSide 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle BrkSide 2.2	Neighborh*HouseStyle BrkSide 2.5Unf	B	0.64428	0.33386	1.93	0.0539
Neighbor*HouseStyle BrkSide 2St	Neighborh*HouseStyle BrkSide 2Story	0	0	.	.	.
Neighbor*HouseStyle BrkSide SFo	Neighborh*HouseStyle BrkSide SFoyer	0	0	.	.	.
Neighbor*HouseStyle ClearCr 1.5	Neighborh*HouseStyle ClearCr 1.5Fin	B	0.29429	0.23490	1.25	0.2106
Neighbor*HouseStyle ClearCr 1.2	Neighborh*HouseStyle ClearCr 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle ClearCr 1St	Neighborh*HouseStyle ClearCr 1Story	B	-0.00232	0.97508	-0.00	0.9981
Neighbor*HouseStyle ClearCr 2.5	Neighborh*HouseStyle ClearCr 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle ClearCr 2.2	Neighborh*HouseStyle ClearCr 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle ClearCr 2St	Neighborh*HouseStyle ClearCr 2Story	B	0.36823	0.24604	1.50	0.1348
Neighbor*HouseStyle ClearCr SFo	Neighborh*HouseStyle ClearCr SFoyer	0	0	.	.	.
Neighbor*HouseStyle CollgCr 1.5	Neighborh*HouseStyle CollgCr 1.5Fin	0	0	.	.	.
Neighbor*HouseStyle CollgCr 1.2	Neighborh*HouseStyle CollgCr 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle CollgCr 1St	Neighborh*HouseStyle CollgCr 1Story	B	0.00835	0.97092	0.01	0.9931
Neighbor*HouseStyle CollgCr 2.5	Neighborh*HouseStyle CollgCr 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle CollgCr 2.2	Neighborh*HouseStyle CollgCr 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle CollgCr 2St	Neighborh*HouseStyle CollgCr 2Story	B	-0.08743	0.15648	-0.56	0.5765

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighbor*HouseStyle CollgCr SFo	Neighbor*HouseStyle CollgCr S Foyer	B	0.16627	0.19939	0.83	0.4045
Neighbor*HouseStyle Crawfor 1.5	Neighbor*HouseStyle Crawfor 1.5Fin	B	0.22489	0.14237	1.58	0.1145
Neighbor*HouseStyle Crawfor 1.2	Neighbor*HouseStyle Crawfor 1.5Unf	B	0.32880	0.29369	1.12	0.2632
Neighbor*HouseStyle Crawfor 1St	Neighbor*HouseStyle Crawfor 1Story	B	0.03558	0.97580	0.04	0.9709
Neighbor*HouseStyle Crawfor 2.5	Neighbor*HouseStyle Crawfor 2.5Fin	B	0.12500	0.20936	0.60	0.5506
Neighbor*HouseStyle Crawfor 2.2	Neighbor*HouseStyle Crawfor 2.5Unf	B	0.42892	0.32367	1.33	0.1854
Neighbor*HouseStyle Crawfor 2St	Neighbor*HouseStyle Crawfor 2Story	0	0	.	.	.
Neighbor*HouseStyle Crawfor SFo	Neighbor*HouseStyle Crawfor S Foyer	0	0	.	.	.
Neighbor*HouseStyle Edwards 1.5	Neighbor*HouseStyle Edwards 1.5Fin	B	0.09971	0.15584	0.64	0.5224
Neighbor*HouseStyle Edwards 1.2	Neighbor*HouseStyle Edwards 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle Edwards 1St	Neighbor*HouseStyle Edwards 1Story	B	0.01869	0.96980	0.02	0.9846
Neighbor*HouseStyle Edwards 2.5	Neighbor*HouseStyle Edwards 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle Edwards 2.2	Neighbor*HouseStyle Edwards 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle Edwards 2St	Neighbor*HouseStyle Edwards 2Story	B	-0.05650	0.12398	-0.46	0.6487
Neighbor*HouseStyle Edwards SFo	Neighbor*HouseStyle Edwards S Foyer	B	0.07885	0.19895	0.40	0.6919
Neighbor*HouseStyle Gilbert 1.5	Neighbor*HouseStyle Gilbert 1.5Fin	B	-0.22498	0.20097	-1.12	0.2632
Neighbor*HouseStyle Gilbert 1.2	Neighbor*HouseStyle Gilbert 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle Gilbert 1St	Neighbor*HouseStyle Gilbert 1Story	B	-0.12812	0.97494	-0.13	0.8955
Neighbor*HouseStyle Gilbert 2.5	Neighbor*HouseStyle Gilbert 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle Gilbert 2.2	Neighbor*HouseStyle Gilbert 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle Gilbert 2St	Neighbor*HouseStyle Gilbert 2Story	B	-0.16372	0.11232	-1.46	0.1452
Neighbor*HouseStyle Gilbert SFo	Neighbor*HouseStyle Gilbert S Foyer	0	0	.	.	.
Neighbor*HouseStyle IDOTRR 1.5F	Neighbor*HouseStyle IDOTRR 1.5Fin	B	0.15073	0.15050	1.00	0.3168
Neighbor*HouseStyle IDOTRR 1.5U	Neighbor*HouseStyle IDOTRR 1.5Unf	B	0.77723	0.29635	2.62	0.0089
Neighbor*HouseStyle IDOTRR 1Sto	Neighbor*HouseStyle IDOTRR 1Story	B	0.08857	0.97785	0.09	0.9278
Neighbor*HouseStyle IDOTRR 2.5F	Neighbor*HouseStyle IDOTRR 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle IDOTRR 2.5U	Neighbor*HouseStyle IDOTRR 2.5Unf	B	0.61989	0.31556	1.96	0.0497
Neighbor*HouseStyle IDOTRR 2Sto	Neighbor*HouseStyle IDOTRR 2Story	0	0	.	.	.
Neighbor*HouseStyle IDOTRR SFoy	Neighbor*HouseStyle IDOTRR S Foyer	0	0	.	.	.
Neighbor*HouseStyle MeadowV 1.5	Neighbor*HouseStyle MeadowV 1.5Fin	0	0	.	.	.
Neighbor*HouseStyle MeadowV 1.2	Neighbor*HouseStyle MeadowV 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle MeadowV 1St	Neighbor*HouseStyle MeadowV 1Story	B	2.66047	2.94943	0.90	0.3672
Neighbor*HouseStyle MeadowV 2.5	Neighbor*HouseStyle MeadowV 2.5Fin	0	0	.	.	.

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighbor*HouseStyle MeadowV 2.2	Neighbor*HouseStyle MeadowV 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle MeadowV 2St	Neighbor*HouseStyle MeadowV 2Story	B	-1.00579	1.28096	-0.79	0.4325
Neighbor*HouseStyle MeadowV SFo	Neighbor*HouseStyle MeadowV SFoyer	0	0	.	.	.
Neighbor*HouseStyle Mitchel 1.5	Neighbor*HouseStyle Mitchel 1.5Fin	B	0.03218	0.17632	0.18	0.8552
Neighbor*HouseStyle Mitchel 1.2	Neighbor*HouseStyle Mitchel 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle Mitchel 1St	Neighbor*HouseStyle Mitchel 1Story	B	-0.10617	0.96979	-0.11	0.9128
Neighbor*HouseStyle Mitchel 2.5	Neighbor*HouseStyle Mitchel 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle Mitchel 2.2	Neighbor*HouseStyle Mitchel 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle Mitchel 2St	Neighbor*HouseStyle Mitchel 2Story	B	-0.02183	0.15079	-0.14	0.8849
Neighbor*HouseStyle Mitchel SFo	Neighbor*HouseStyle Mitchel SFoyer	B	0.04310	0.19201	0.22	0.8224
Neighbor*HouseStyle NAmes 1.5Fi	Neighbor*HouseStyle NAmes 1.5Fin	B	-0.06883	0.14375	-0.48	0.6322
Neighbor*HouseStyle NAmes 1.5Un	Neighbor*HouseStyle NAmes 1.5Unf	B	0.30421	0.22912	1.33	0.1846
Neighbor*HouseStyle NAmes 1Stor	Neighbor*HouseStyle NAmes 1Story	B	-0.06638	0.96843	-0.07	0.9454
Neighbor*HouseStyle NAmes 2.5Fi	Neighbor*HouseStyle NAmes 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle NAmes 2.5Un	Neighbor*HouseStyle NAmes 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle NAmes 2Stor	Neighbor*HouseStyle NAmes 2Story	B	-0.09867	0.10560	-0.93	0.3503
Neighbor*HouseStyle NAmes SFoye	Neighbor*HouseStyle NAmes SFoyer	B	0.08512	0.18540	0.46	0.6463
Neighbor*HouseStyle NPkVill 1.5	Neighbor*HouseStyle NPkVill 1.5Fin	0	0	.	.	.
Neighbor*HouseStyle NPkVill 1.2	Neighbor*HouseStyle NPkVill 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle NPkVill 1St	Neighbor*HouseStyle NPkVill 1Story	B	-0.20537	1.26600	-0.16	0.8712
Neighbor*HouseStyle NPkVill 2.5	Neighbor*HouseStyle NPkVill 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle NPkVill 2.2	Neighbor*HouseStyle NPkVill 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle NPkVill 2St	Neighbor*HouseStyle NPkVill 2Story	0	0	.	.	.
Neighbor*HouseStyle NPkVill SFo	Neighbor*HouseStyle NPkVill SFoyer	0	0	.	.	.
Neighbor*HouseStyle NWAmes 1.5F	Neighbor*HouseStyle NWAmes 1.5Fin	B	0.14435	0.20639	0.70	0.4845
Neighbor*HouseStyle NWAmes 1.5U	Neighbor*HouseStyle NWAmes 1.5Unf	0	0	.	.	.
Neighbor*HouseStyle NWAmes 1Sto	Neighbor*HouseStyle NWAmes 1Story	B	-0.03145	0.96846	-0.03	0.9741
Neighbor*HouseStyle NWAmes 2.5F	Neighbor*HouseStyle NWAmes 2.5Fin	0	0	.	.	.
Neighbor*HouseStyle NWAmes 2.5U	Neighbor*HouseStyle NWAmes 2.5Unf	0	0	.	.	.
Neighbor*HouseStyle NWAmes 2Sto	Neighbor*HouseStyle NWAmes 2Story	B	0.02757	0.10924	0.25	0.8008
Neighbor*HouseStyle NWAmes SFoy	Neighbor*HouseStyle NWAmes SFoyer	B	0.24332	0.23353	1.04	0.2977
Neighbor*HouseStyle NoRidge 1.5	Neighbor*HouseStyle NoRidge 1.5Fin	B	0.01001	0.16606	0.06	0.9519
Neighbor*HouseStyle NoRidge 1.2	Neighbor*HouseStyle NoRidge 1.5Unf	0	0	.	.	.

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Neighbhor*HouseStyle NoRidge 1St	Neighbhor*HouseStyle NoRidge 1Story	B	-0.03438	0.98884	-0.03	0.9723
Neighbhor*HouseStyle NoRidge 2.5	Neighbhor*HouseStyle NoRidge 2.5Fin	0	0	.	.	.
Neighbhor*HouseStyle NoRidge 2.2	Neighbhor*HouseStyle NoRidge 2.5Unf	0	0	.	.	.
Neighbhor*HouseStyle NoRidge 2St	Neighbhor*HouseStyle NoRidge 2Story	0	0	.	.	.
Neighbhor*HouseStyle NoRidge SFo	Neighbhor*HouseStyle NoRidge SFoyer	0	0	.	.	.
Neighbhor*HouseStyle NridgHt 1.5	Neighbhor*HouseStyle NridgHt 1.5Fin	0	0	.	.	.
Neighbhor*HouseStyle NridgHt 1.2	Neighbhor*HouseStyle NridgHt 1.5Unf	0	0	.	.	.
Neighbhor*HouseStyle NridgHt 1St	Neighbhor*HouseStyle NridgHt 1Story	B	0.02748	0.97449	0.03	0.9775
Neighbhor*HouseStyle NridgHt 2.5	Neighbhor*HouseStyle NridgHt 2.5Fin	0	0	.	.	.
Neighbhor*HouseStyle NridgHt 2.2	Neighbhor*HouseStyle NridgHt 2.5Unf	0	0	.	.	.
Neighbhor*HouseStyle NridgHt 2St	Neighbhor*HouseStyle NridgHt 2Story	0	0	.	.	.
Neighbhor*HouseStyle NridgHt SFo	Neighbhor*HouseStyle NridgHt SFoyer	0	0	.	.	.
Neighbhor*HouseStyle OldTown 1.5	Neighbhor*HouseStyle OldTown 1.5Fin	B	-0.38771	0.28581	-1.36	0.1752
Neighbhor*HouseStyle OldTown 1.2	Neighbhor*HouseStyle OldTown 1.5Unf	B	0.45315	0.37086	1.22	0.2220
Neighbhor*HouseStyle OldTown 1St	Neighbhor*HouseStyle OldTown 1Story	B	-0.25332	0.99896	-0.25	0.7999
Neighbhor*HouseStyle OldTown 2.5	Neighbhor*HouseStyle OldTown 2.5Fin	B	-0.71380	0.48541	-1.47	0.1417
Neighbhor*HouseStyle OldTown 2.2	Neighbhor*HouseStyle OldTown 2.5Unf	0	0	.	.	.
Neighbhor*HouseStyle OldTown 2St	Neighbhor*HouseStyle OldTown 2Story	B	-0.40106	0.26727	-1.50	0.1338
Neighbhor*HouseStyle OldTown SFo	Neighbhor*HouseStyle OldTown SFoyer	0	0	.	.	.
Neighbhor*HouseStyle SWISU 1.5Fi	Neighbhor*HouseStyle SWISU 1.5Fin	B	0.07264	0.17315	0.42	0.6749
Neighbhor*HouseStyle SWISU 1.5Un	Neighbhor*HouseStyle SWISU 1.5Unf	0	0	.	.	.
Neighbhor*HouseStyle SWISU 1Stor	Neighbhor*HouseStyle SWISU 1Story	B	0.02633	0.98982	0.03	0.9788
Neighbhor*HouseStyle SWISU 2.5Fi	Neighbhor*HouseStyle SWISU 2.5Fin	0	0	.	.	.
Neighbhor*HouseStyle SWISU 2.5Un	Neighbhor*HouseStyle SWISU 2.5Unf	0	0	.	.	.
Neighbhor*HouseStyle SWISU 2Stor	Neighbhor*HouseStyle SWISU 2Story	0	0	.	.	.
Neighbhor*HouseStyle SWISU SFoye	Neighbhor*HouseStyle SWISU SFoyer	0	0	.	.	.
Neighbhor*HouseStyle Sawyer 1.5F	Neighbhor*HouseStyle Sawyer 1.5Fin	B	0.08286	0.16456	0.50	0.6147
Neighbhor*HouseStyle Sawyer 1.5U	Neighbhor*HouseStyle Sawyer 1.5Unf	0	0	.	.	.
Neighbhor*HouseStyle Sawyer 1Sto	Neighbhor*HouseStyle Sawyer 1Story	B	-0.10312	0.97021	-0.11	0.9154
Neighbhor*HouseStyle Sawyer 2.5F	Neighbhor*HouseStyle Sawyer 2.5Fin	0	0	.	.	.
Neighbhor*HouseStyle Sawyer 2.5U	Neighbhor*HouseStyle Sawyer 2.5Unf	0	0	.	.	.
Neighbhor*HouseStyle Sawyer 2Sto	Neighbhor*HouseStyle Sawyer 2Story	B	-0.10270	0.12889	-0.80	0.4257
Neighbhor*HouseStyle Sawyer SFoy	Neighbhor*HouseStyle Sawyer SFoyer	B	0.00465	0.19607	0.02	0.9811

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
NeighborhoodHouseStyle_SawyerW_1.5	NeighborhoodHouseStyle SawyerW 1.5Fin	B	0.32570	0.26927	1.21	0.2267
NeighborhoodHouseStyle_SawyerW_1.2	NeighborhoodHouseStyle SawyerW 1.5Unf	0	0	.	.	.
NeighborhoodHouseStyle_SawyerW_1St	NeighborhoodHouseStyle SawyerW 1Story	B	-0.28377	0.97458	-0.29	0.7710
NeighborhoodHouseStyle_SawyerW_2.5	NeighborhoodHouseStyle SawyerW 2.5Fin	0	0	.	.	.
NeighborhoodHouseStyle_SawyerW_2.2	NeighborhoodHouseStyle SawyerW 2.5Unf	0	0	.	.	.
NeighborhoodHouseStyle_SawyerW_2St	NeighborhoodHouseStyle SawyerW 2Story	B	-0.16775	0.17353	-0.97	0.3339
NeighborhoodHouseStyle_SawyerW_SFo	NeighborhoodHouseStyle SawyerW SFoyer	0	0	.	.	.
NeighborhoodHouseStyle_Somerst_1.5	NeighborhoodHouseStyle Somerst 1.5Fin	0	0	.	.	.
NeighborhoodHouseStyle_Somerst_1.2	NeighborhoodHouseStyle Somerst 1.5Unf	0	0	.	.	.
NeighborhoodHouseStyle_Somerst_1St	NeighborhoodHouseStyle Somerst 1Story	B	-0.07182	0.98174	-0.07	0.9417
NeighborhoodHouseStyle_Somerst_2.5	NeighborhoodHouseStyle Somerst 2.5Fin	0	0	.	.	.
NeighborhoodHouseStyle_Somerst_2.2	NeighborhoodHouseStyle Somerst 2.5Unf	0	0	.	.	.
NeighborhoodHouseStyle_Somerst_2St	NeighborhoodHouseStyle Somerst 2Story	0	0	.	.	.
NeighborhoodHouseStyle_Somerst_SFo	NeighborhoodHouseStyle Somerst SFoyer	0	0	.	.	.
NeighborhoodHouseStyle_StoneBr_1.5	NeighborhoodHouseStyle StoneBr 1.5Fin	0	0	.	.	.
NeighborhoodHouseStyle_StoneBr_1.2	NeighborhoodHouseStyle StoneBr 1.5Unf	0	0	.	.	.
NeighborhoodHouseStyle_StoneBr_1St	NeighborhoodHouseStyle StoneBr 1Story	B	-0.48579	0.99361	-0.49	0.6250
NeighborhoodHouseStyle_StoneBr_2.5	NeighborhoodHouseStyle StoneBr 2.5Fin	0	0	.	.	.
NeighborhoodHouseStyle_StoneBr_2.2	NeighborhoodHouseStyle StoneBr 2.5Unf	0	0	.	.	.
NeighborhoodHouseStyle_StoneBr_2St	NeighborhoodHouseStyle StoneBr 2Story	0	0	.	.	.
NeighborhoodHouseStyle_StoneBr_SFo	NeighborhoodHouseStyle StoneBr SFoyer	0	0	.	.	.
NeighborhoodHouseStyle_Timber_1.5F	NeighborhoodHouseStyle Timber 1.5Fin	0	0	.	.	.
NeighborhoodHouseStyle_Timber_1.5U	NeighborhoodHouseStyle Timber 1.5Unf	0	0	.	.	.
NeighborhoodHouseStyle_Timber_1Sto	NeighborhoodHouseStyle Timber 1Story	B	0.04736	0.97169	0.05	0.9611
NeighborhoodHouseStyle_Timber_2.5F	NeighborhoodHouseStyle Timber 2.5Fin	0	0	.	.	.
NeighborhoodHouseStyle_Timber_2.5U	NeighborhoodHouseStyle Timber 2.5Unf	0	0	.	.	.
NeighborhoodHouseStyle_Timber_2Sto	NeighborhoodHouseStyle Timber 2Story	0	0	.	.	.
NeighborhoodHouseStyle_Timber_SFoy	NeighborhoodHouseStyle Timber SFoyer	0	0	.	.	.
GarageCars	GarageCars	B	-2.12306	0.84837	-2.50	0.0125
YearBuilt*GarageCars	YearBuilt*GarageCars	B	0.00103	0.00042315	2.42	0.0155
TotalBsmt*GarageCars	TotalBsmt*GarageCars	B	-0.00005777	0.00002067	-2.80	0.0053
Fireplace*GarageCars	Fireplace*GarageCars	B	0.03593	0.01356	2.65	0.0082
GarageCars*BldgType_1Fam	GarageCars*BldgType 1Fam	B	0.00009798	0.08738	0.00	0.9991

Backward Selection Multiple Linear Regression

The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
GarageCars*BldgType 2fmCon	GarageCars*BldgType 2fmCon	B	-0.14291	0.10001	-1.43	0.1533
GarageCars*BldgType Duplex	GarageCars*BldgType Duplex	B	0.02112	0.09344	0.23	0.8212
GarageCars*BldgType Twnhs	GarageCars*BldgType Twnhs	B	0.25080	0.21592	1.16	0.2457
GarageCar*HouseStyle 1.5Fin	GarageCar*HouseStyle 1.5Fin	B	0.08324	0.04722	1.76	0.0783
GarageCar*HouseStyle 1.5Unf	GarageCar*HouseStyle 1.5Unf	B	0.04752	0.09144	0.52	0.6034
GarageCar*HouseStyle 1Story	GarageCar*HouseStyle 1Story	B	0.03073	0.04257	0.72	0.4705
GarageCar*HouseStyle 2.5Fin	GarageCar*HouseStyle 2.5Fin	B	-0.35602	0.40207	-0.89	0.3761
GarageCar*HouseStyle 2.5Unf	GarageCar*HouseStyle 2.5Unf	B	-0.21192	0.08163	-2.60	0.0096
GarageCar*HouseStyle 2Story	GarageCar*HouseStyle 2Story	B	-0.01717	0.04594	-0.37	0.7087
GarageCar*HouseStyle SFoyer	GarageCar*HouseStyle SFoyer	B	0.00587	0.05747	0.10	0.9187
GarageCar*Neighborho Blmngtn	GarageCar*Neighborho Blmngtn	B	-0.75385	0.46302	-1.63	0.1038
GarageCar*Neighborho Blueste	GarageCar*Neighborho Blueste	0	0	.	.	.
GarageCar*Neighborho BrDale	GarageCar*Neighborho BrDale	B	0.04381	0.25950	0.17	0.8660
GarageCar*Neighborho BrkSide	GarageCar*Neighborho BrkSide	B	0.13946	0.08099	1.72	0.0854
GarageCar*Neighborho ClearCr	GarageCar*Neighborho ClearCr	B	0.26896	0.09929	2.71	0.0069
GarageCar*Neighborho CollgCr	GarageCar*Neighborho CollgCr	B	0.19560	0.07293	2.68	0.0074
GarageCar*Neighborho Crawfor	GarageCar*Neighborho Crawfor	B	0.16474	0.08263	1.99	0.0464
GarageCar*Neighborho Edwards	GarageCar*Neighborho Edwards	B	0.16399	0.07542	2.17	0.0299
GarageCar*Neighborho Gilbert	GarageCar*Neighborho Gilbert	B	0.20808	0.09505	2.19	0.0288
GarageCar*Neighborho IDOTRR	GarageCar*Neighborho IDOTRR	B	0.15074	0.08279	1.82	0.0689
GarageCar*Neighborho MeadowV	GarageCar*Neighborho MeadowV	B	-0.06680	0.22699	-0.29	0.7686
GarageCar*Neighborho Mitchel	GarageCar*Neighborho Mitchel	B	0.20660	0.07578	2.73	0.0065
GarageCar*Neighborho NAmes	GarageCar*Neighborho NAmes	B	0.15744	0.07196	2.19	0.0289
GarageCar*Neighborho NPkVill	GarageCar*Neighborho NPkVill	0	0	.	.	.
GarageCar*Neighborho NWAmes	GarageCar*Neighborho NWAmes	0	0	.	.	.
GarageCar*Neighborho NoRidge	GarageCar*Neighborho NoRidge	B	0.22371	0.08790	2.55	0.0111
GarageCar*Neighborho NridgHt	GarageCar*Neighborho NridgHt	B	0.15144	0.08889	1.70	0.0887
GarageCar*Neighborho OldTown	GarageCar*Neighborho OldTown	B	0.25448	0.07838	3.25	0.0012
GarageCar*Neighborho SWISU	GarageCar*Neighborho SWISU	B	0.23282	0.09466	2.46	0.0141
GarageCar*Neighborho Sawyer	GarageCar*Neighborho Sawyer	B	0.16157	0.07638	2.12	0.0346
GarageCar*Neighborho SawyerW	GarageCar*Neighborho SawyerW	B	0.09351	0.08604	1.09	0.2774
GarageCar*Neighborho Somerst	GarageCar*Neighborho Somerst	B	0.07721	0.07830	0.99	0.3243

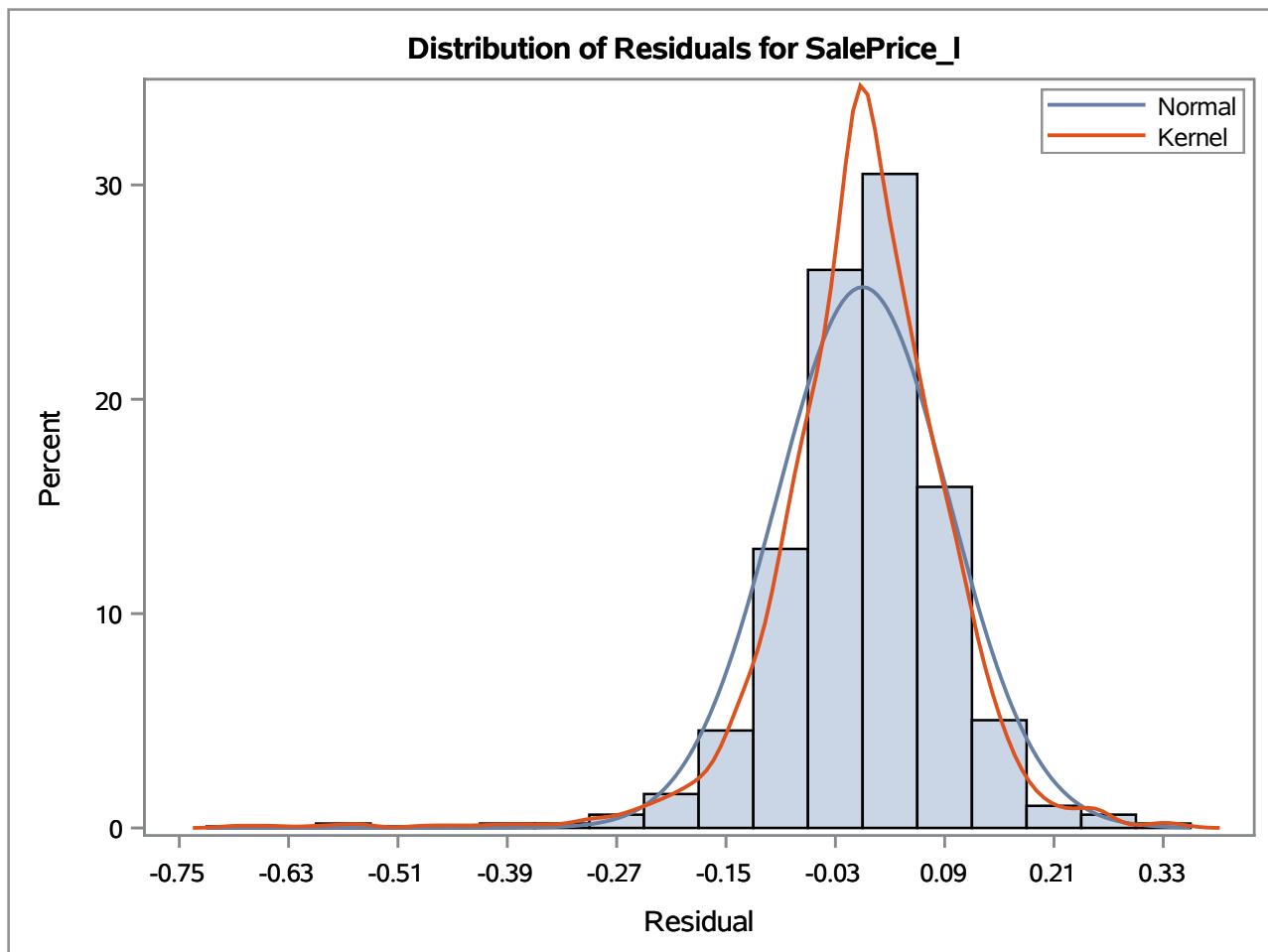
Backward Selection Multiple Linear Regression

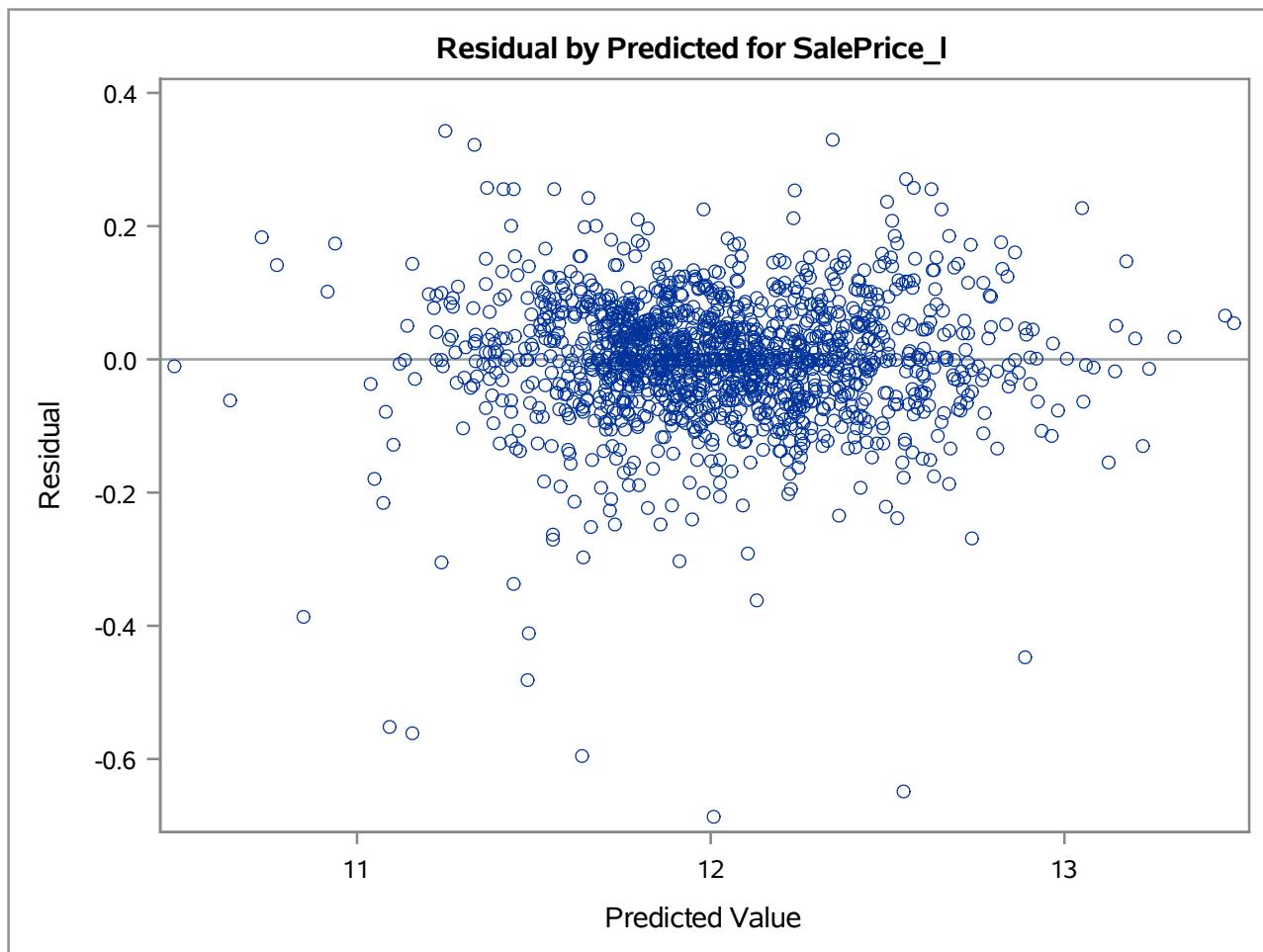
The REG Procedure

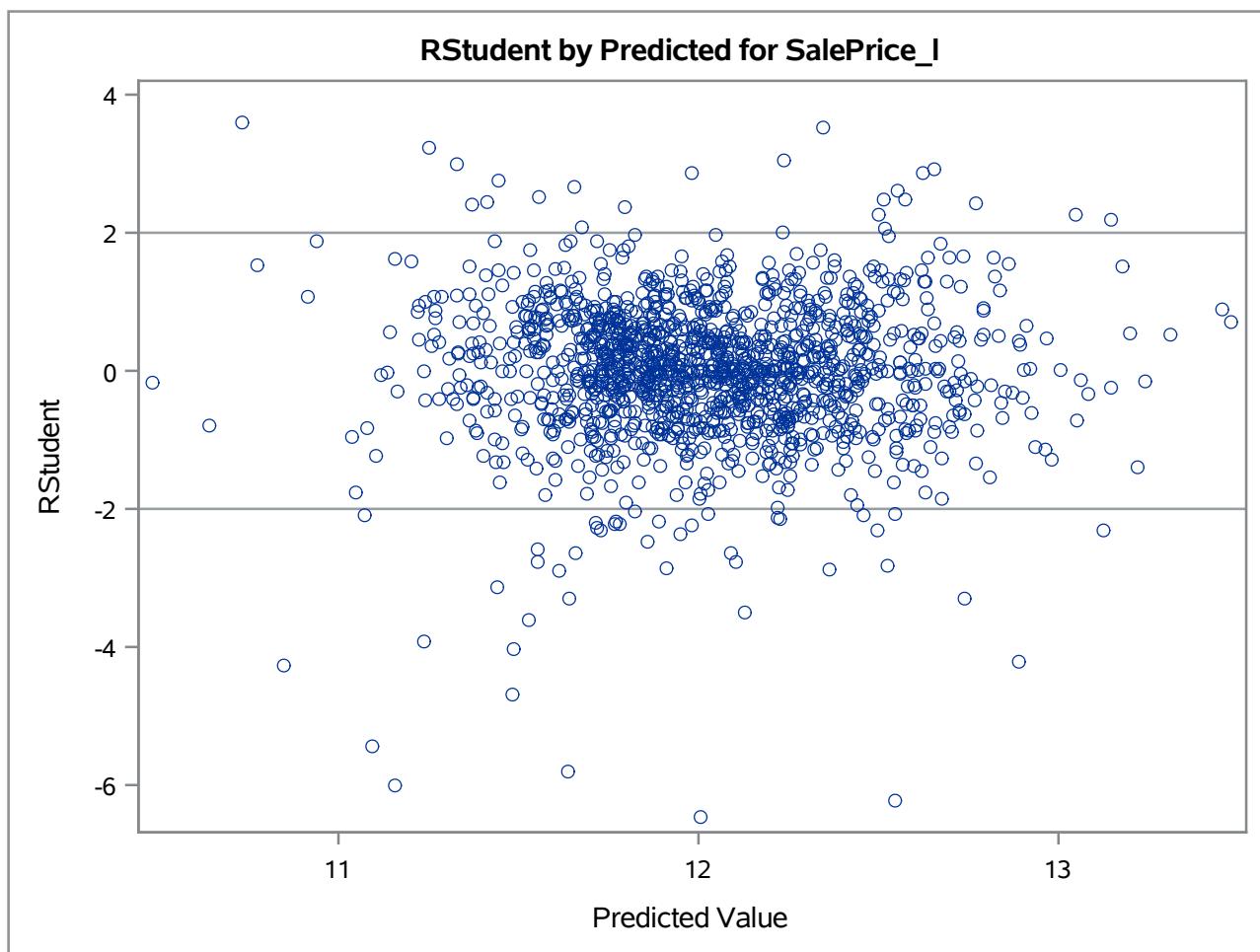
Model: MODEL1

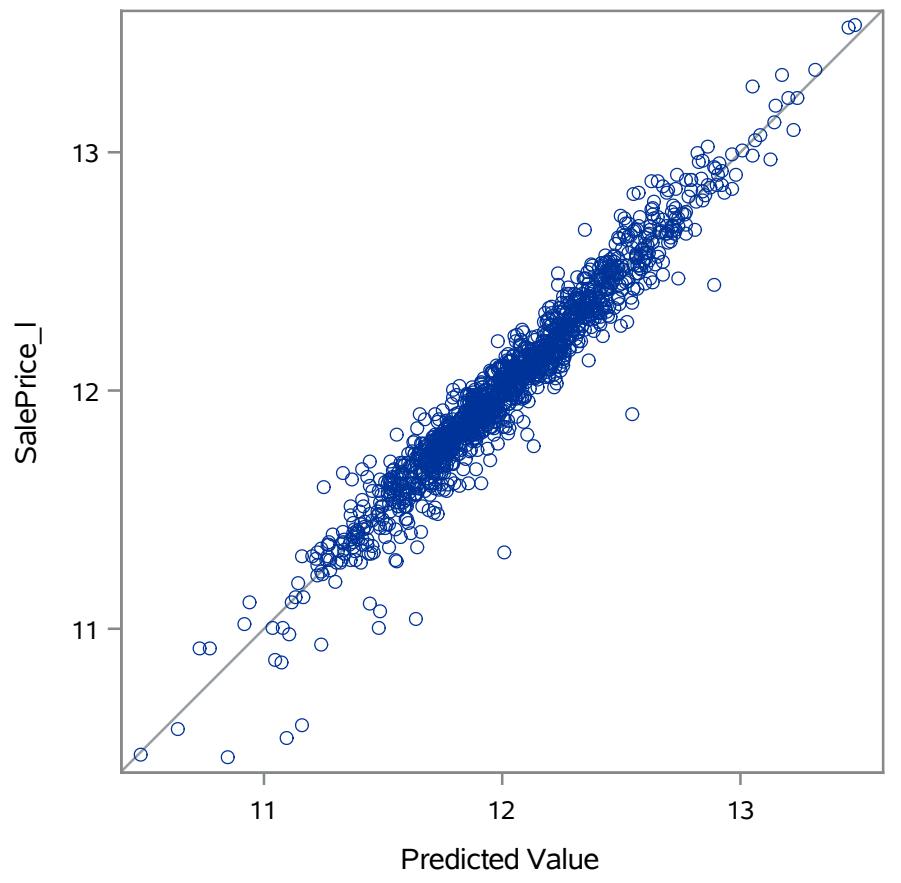
Dependent Variable: SalePrice_I

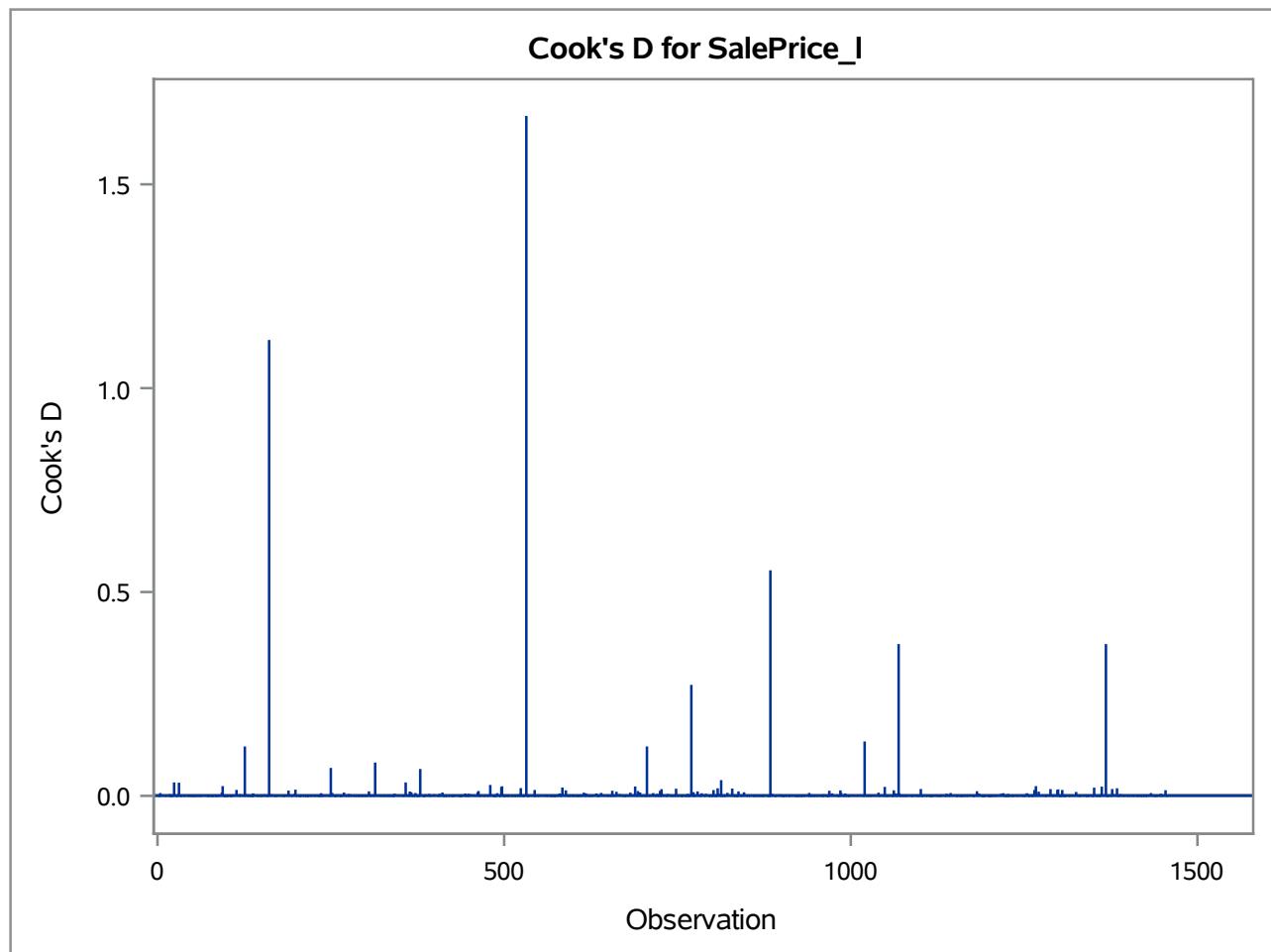
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
GarageCar*Neighborho StoneBr	GarageCar*Neighborho StoneBr	B	-0.07391	0.14100	-0.52	0.6002
GarageCar*Neighborho Timber	GarageCar*Neighborho Timber	0	0	.	.	.

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

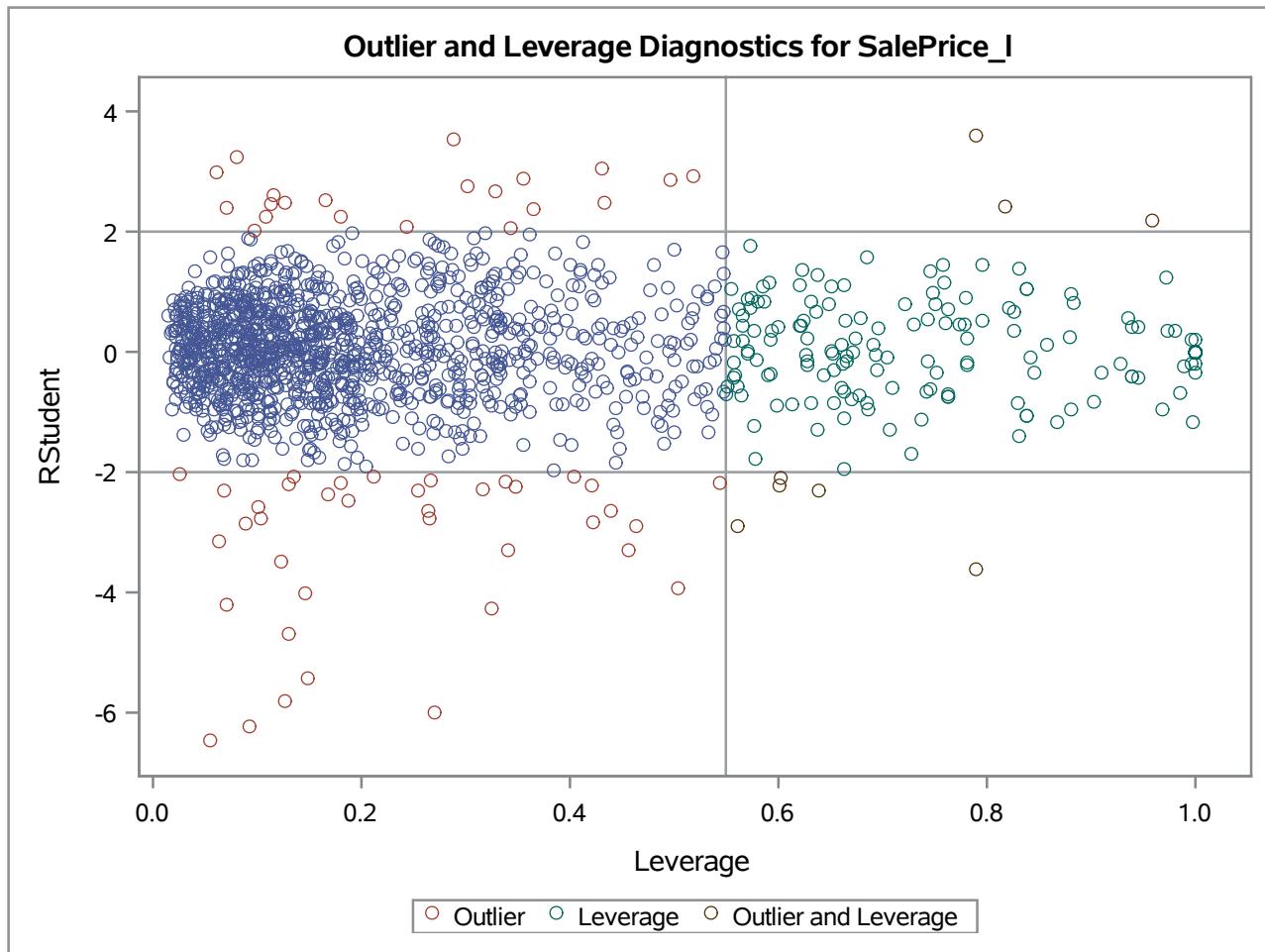
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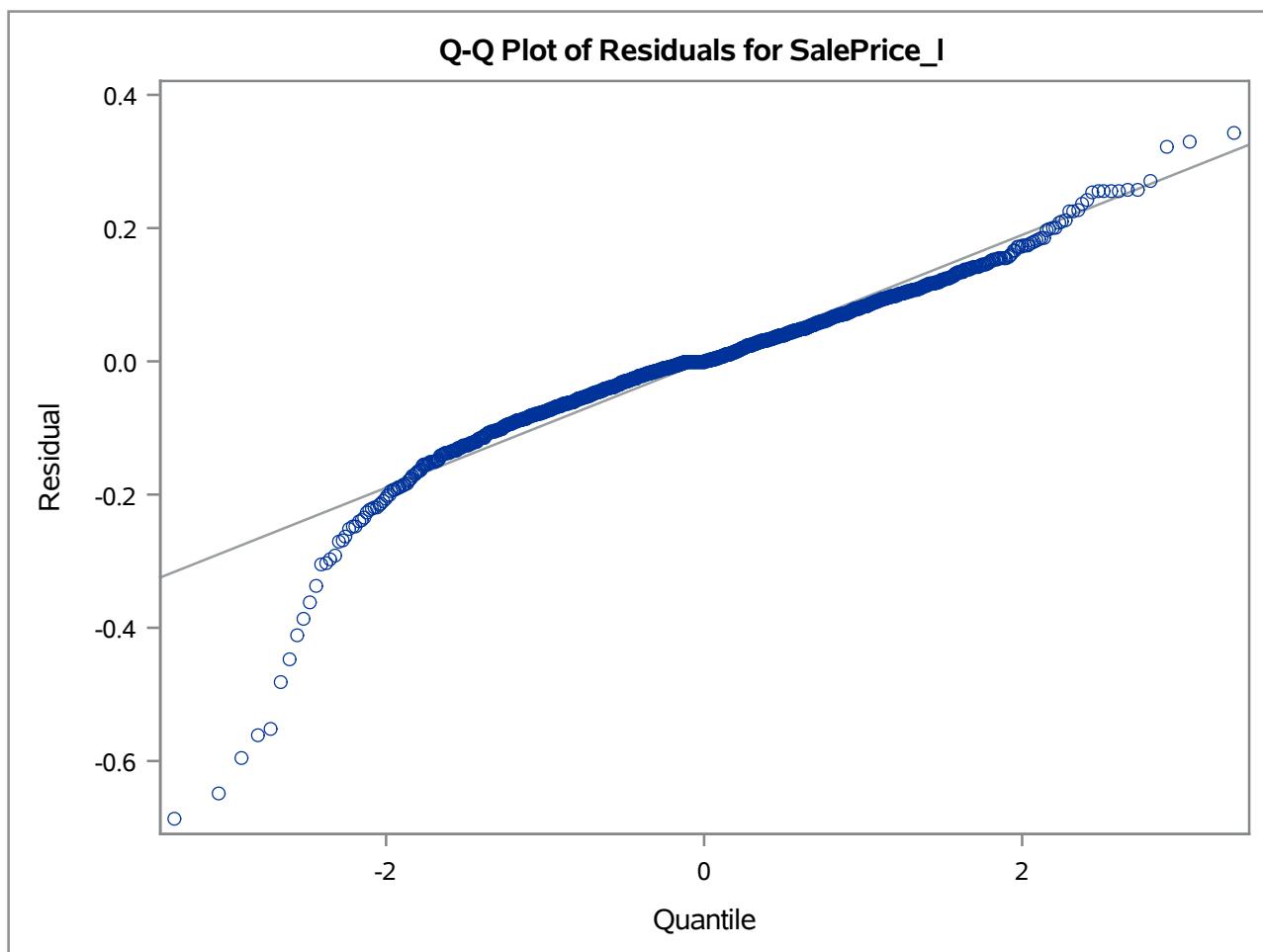
Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Backward Selection Multiple Linear Regression**The REG Procedure**

Model: MODEL1

Dependent Variable: SalePrice_I

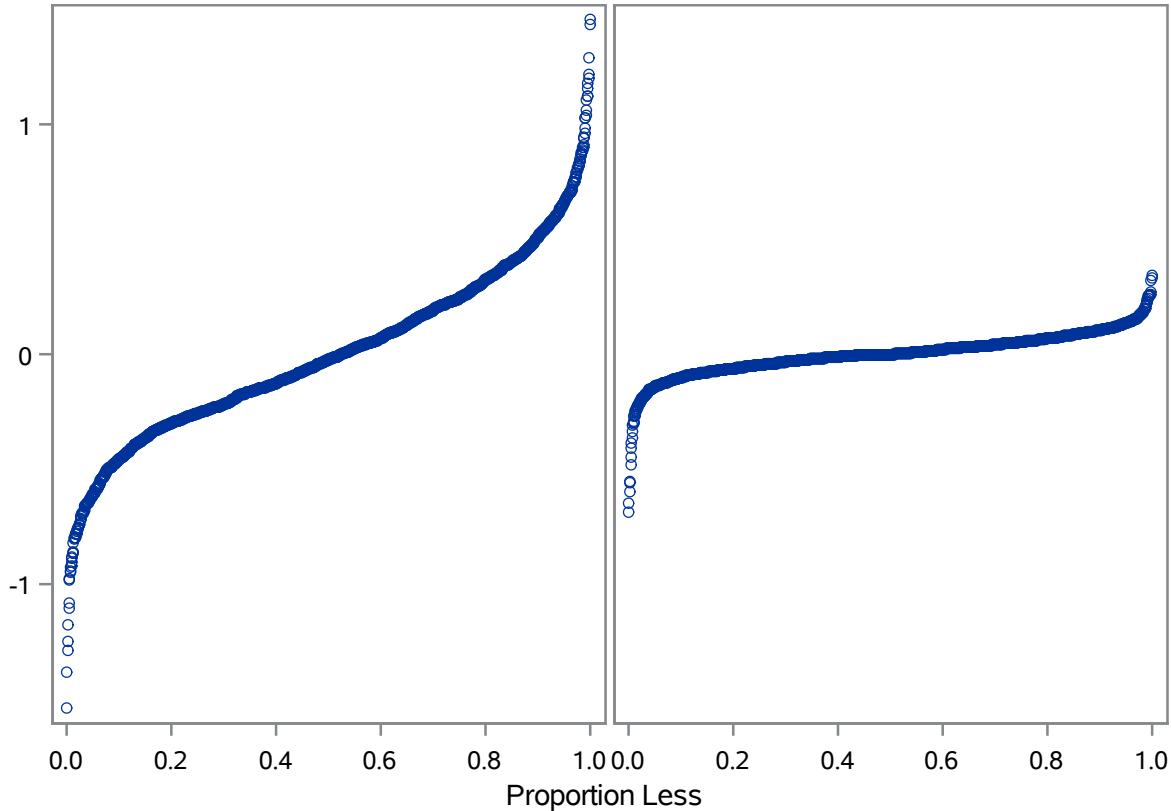


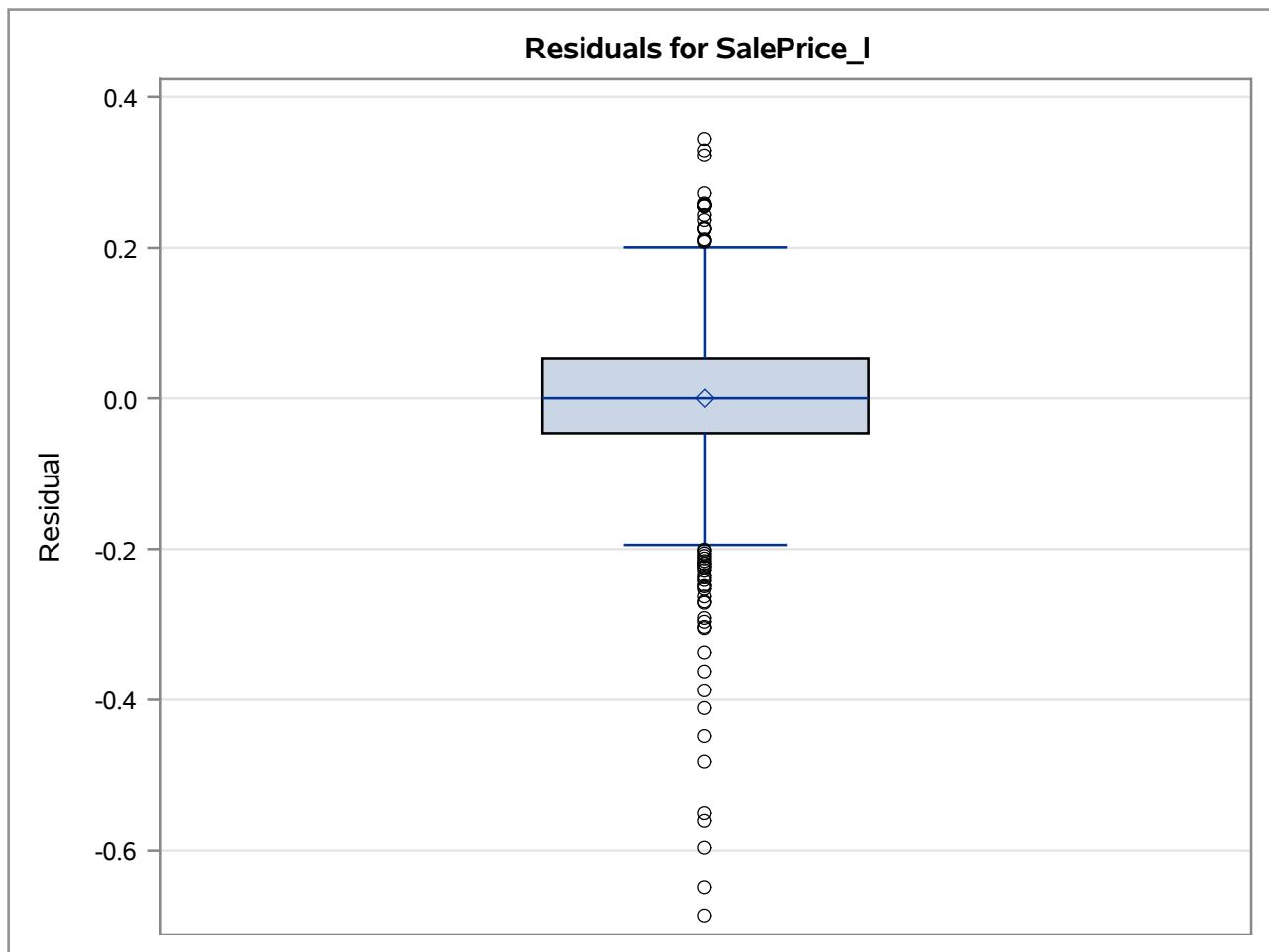
Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I****Residual-Fit Spread Plot for SalePrice_I**

Fit-Mean

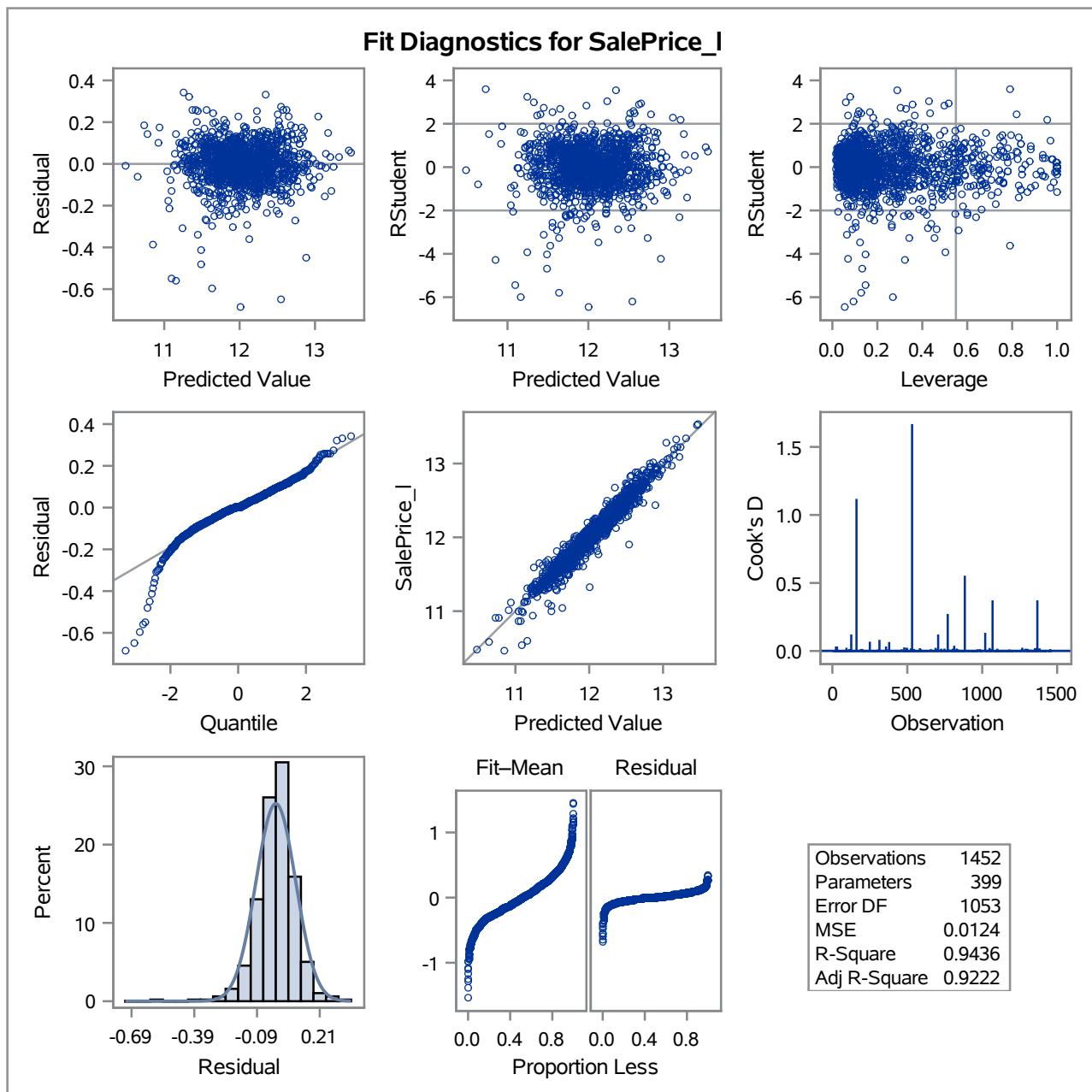
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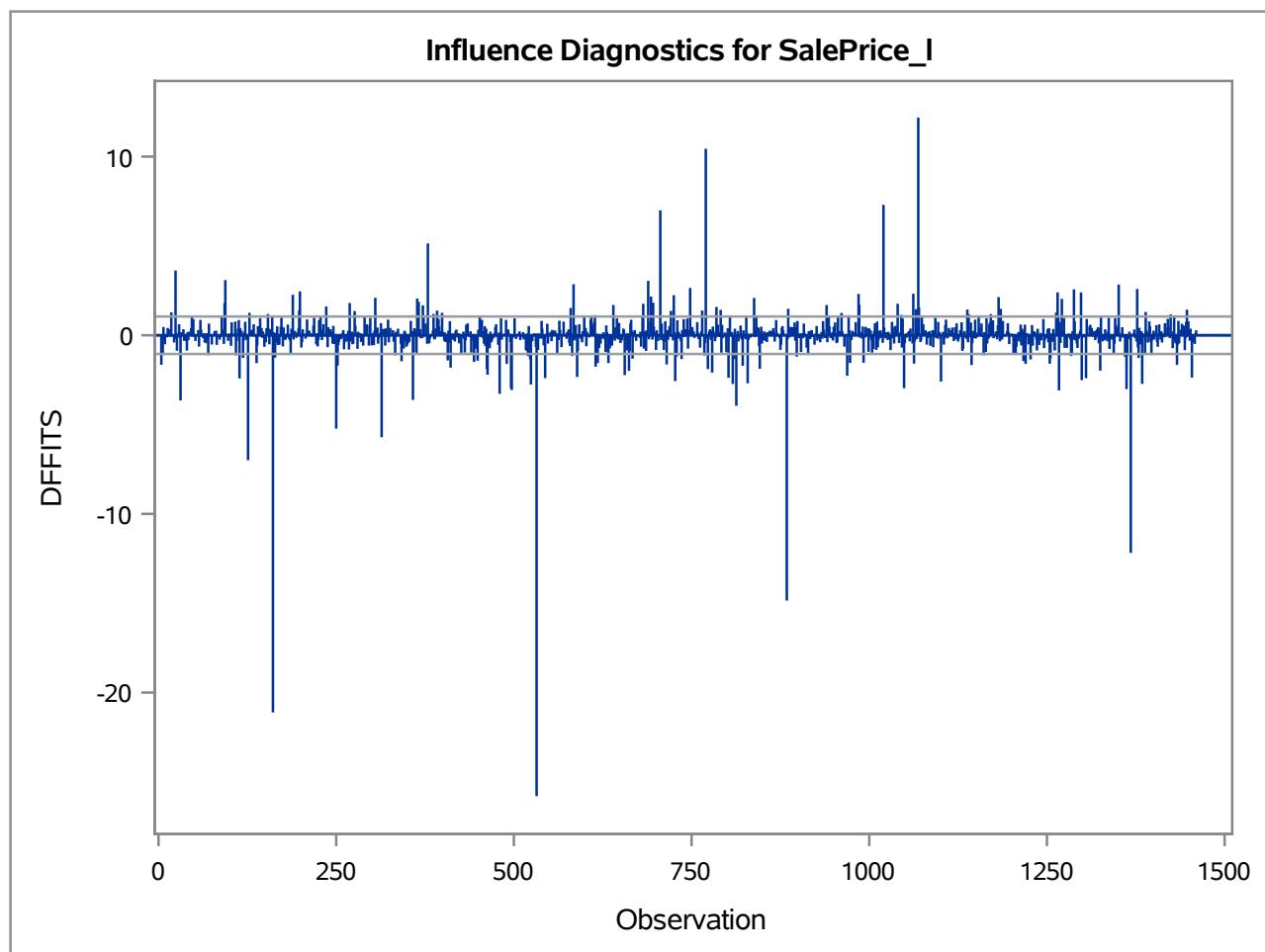


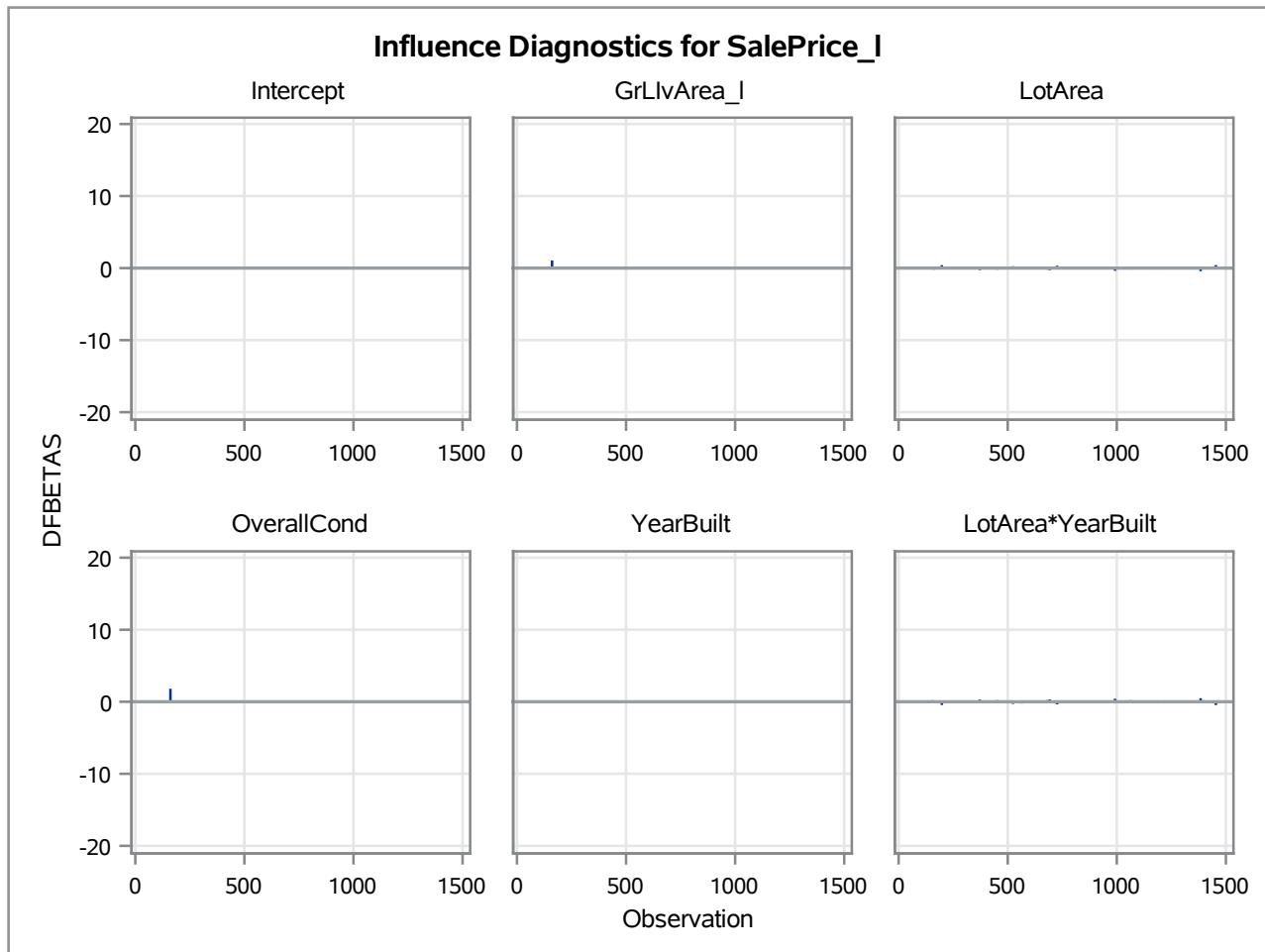
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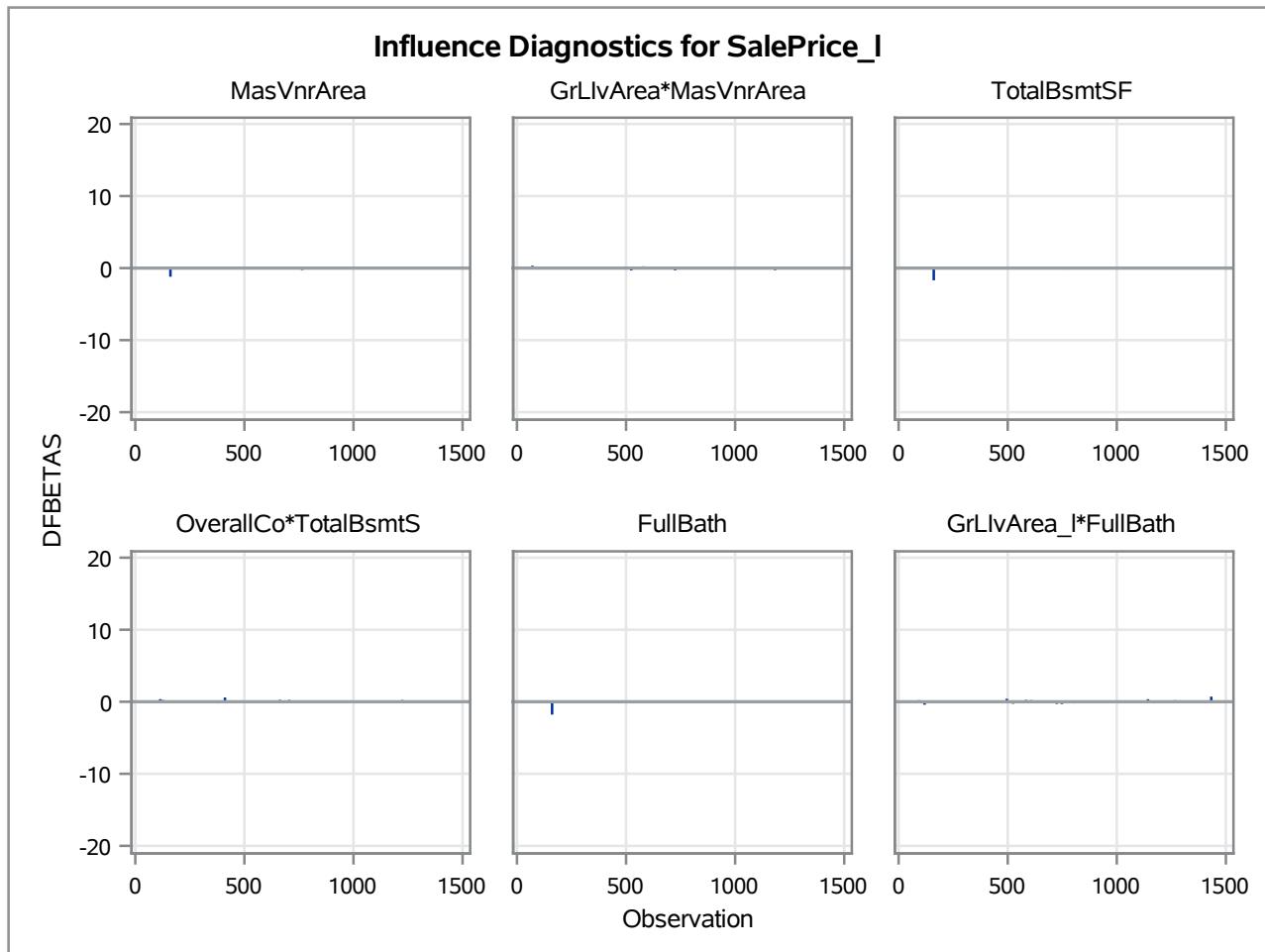
Backward Selection Multiple Linear Regression

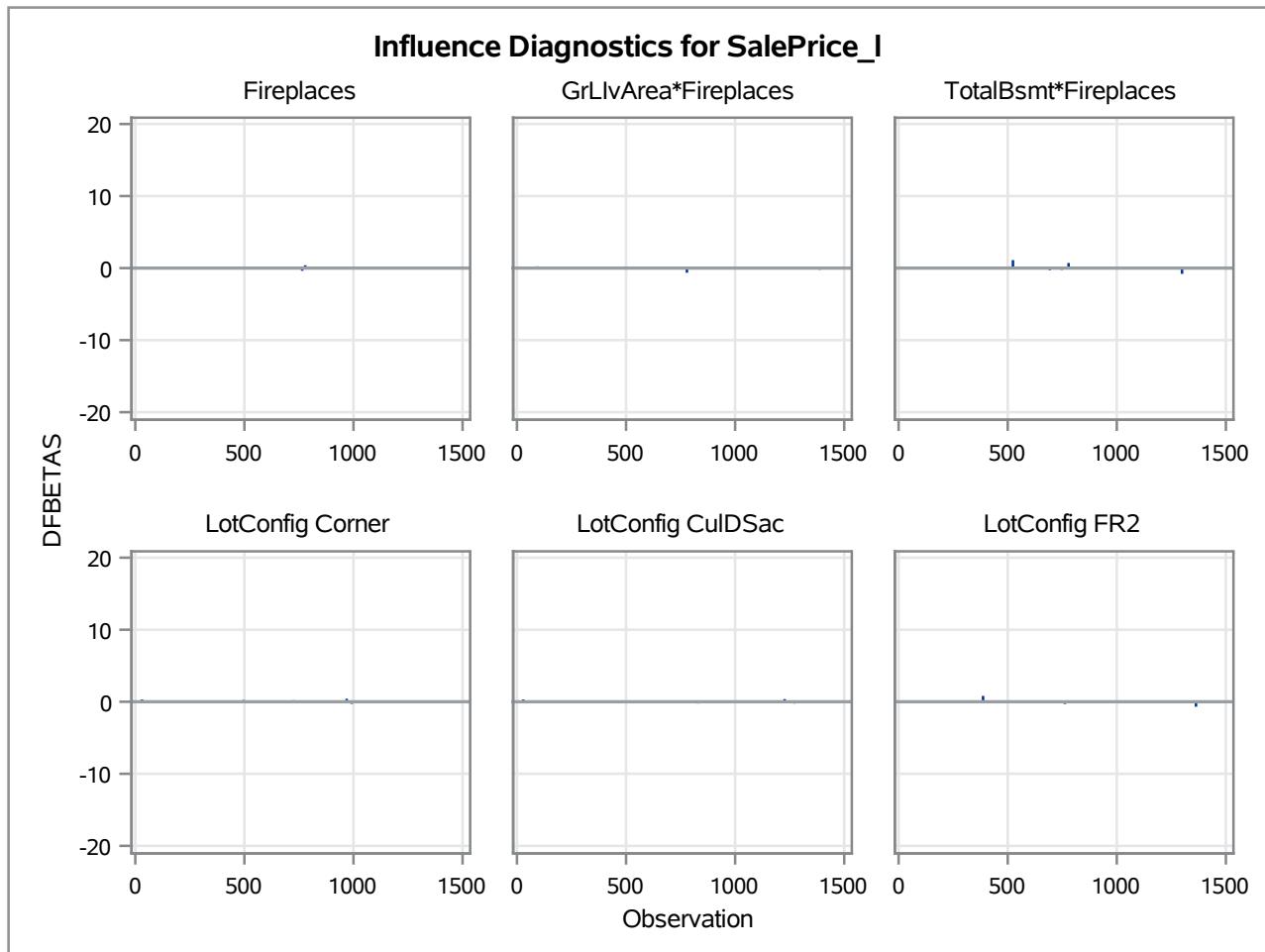
The REG Procedure
Model: MODEL1
Dependent Variable: SalePrice_I

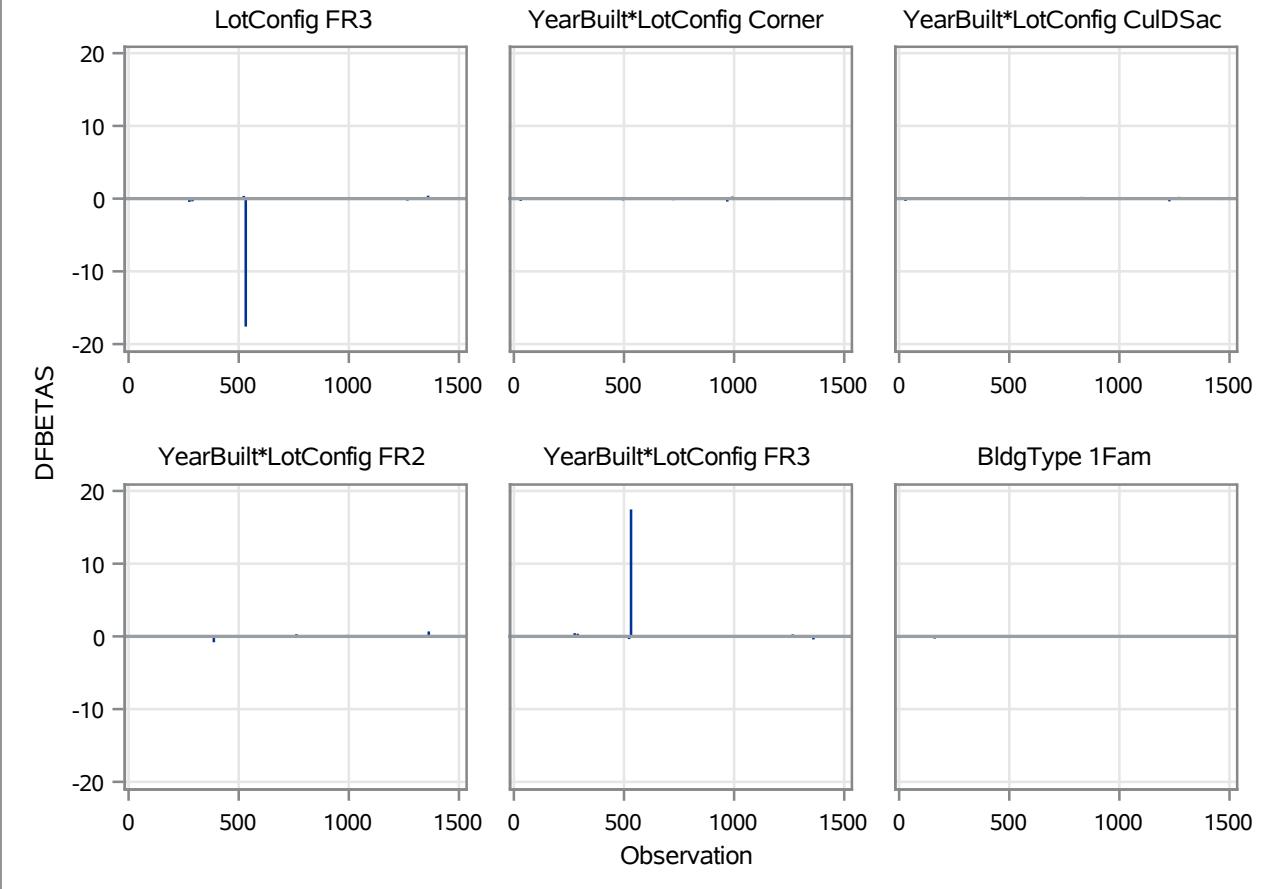


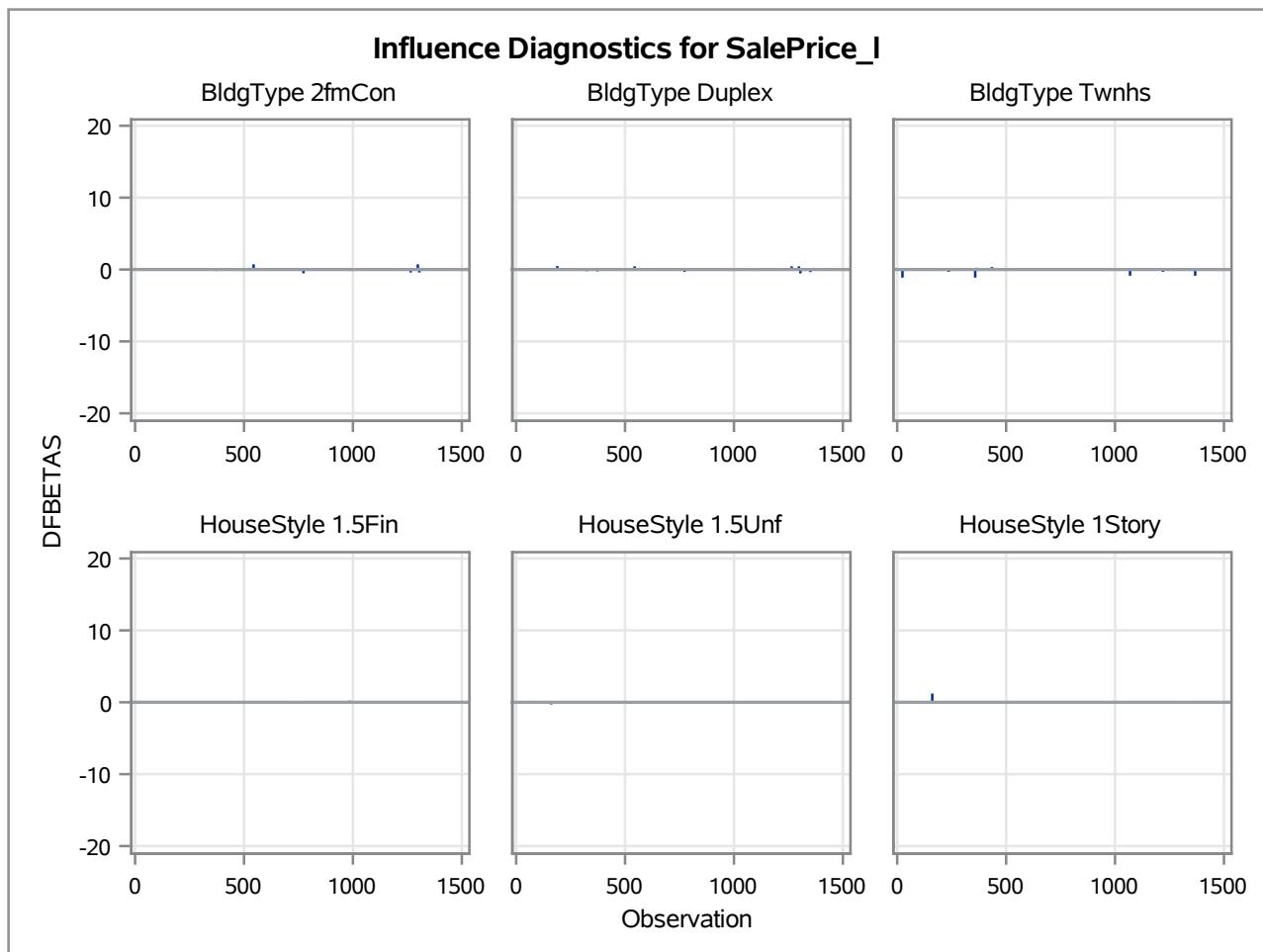
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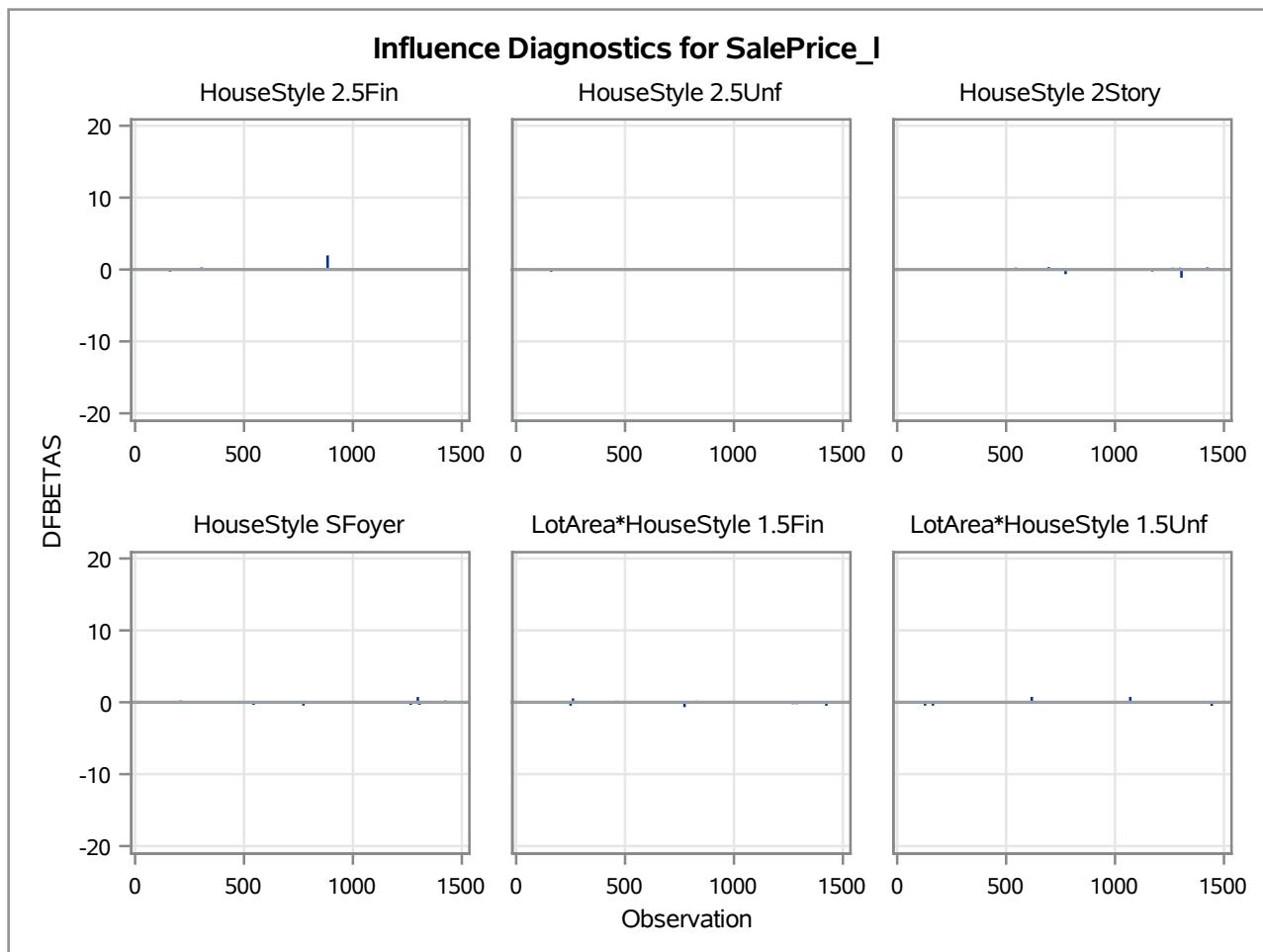
Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

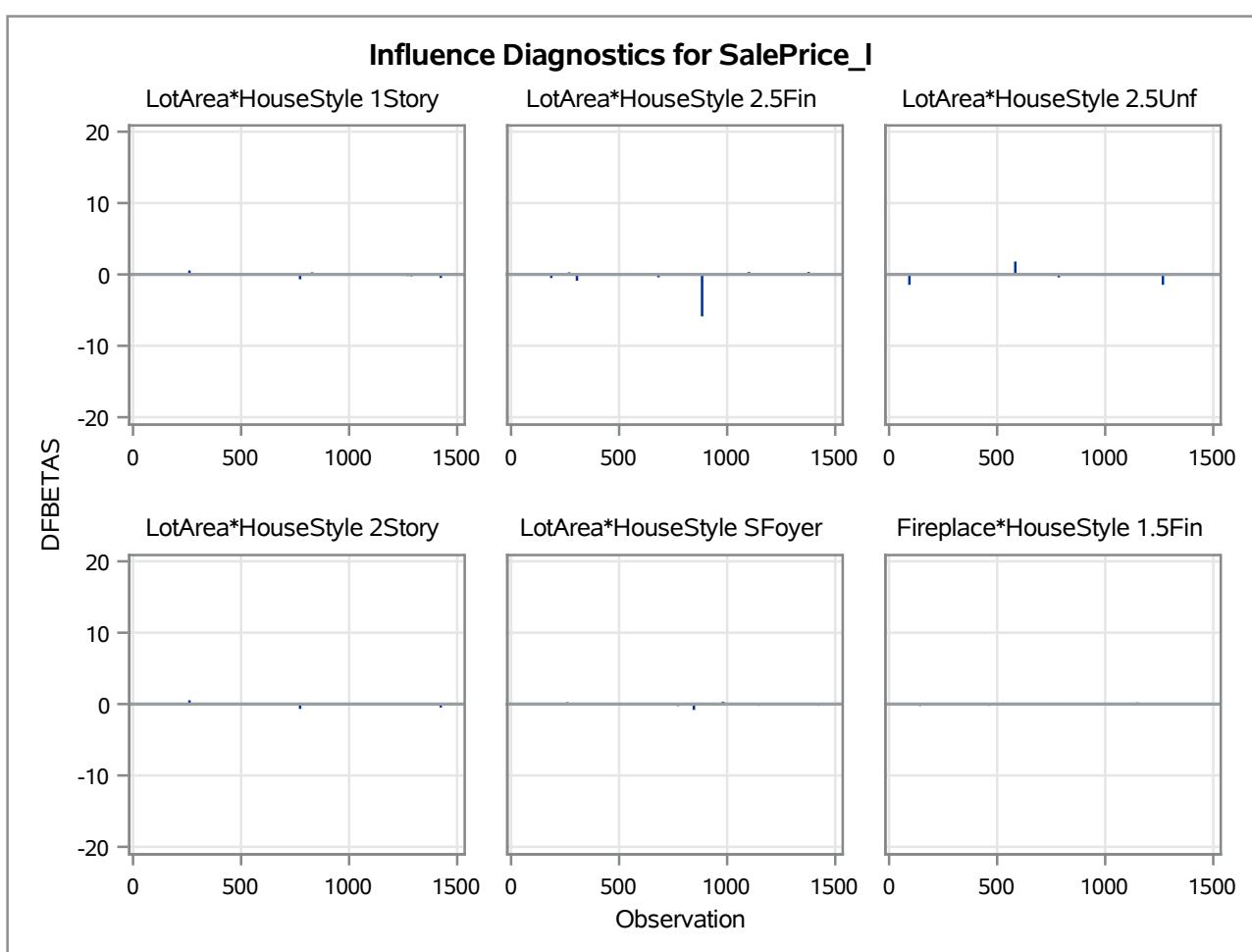
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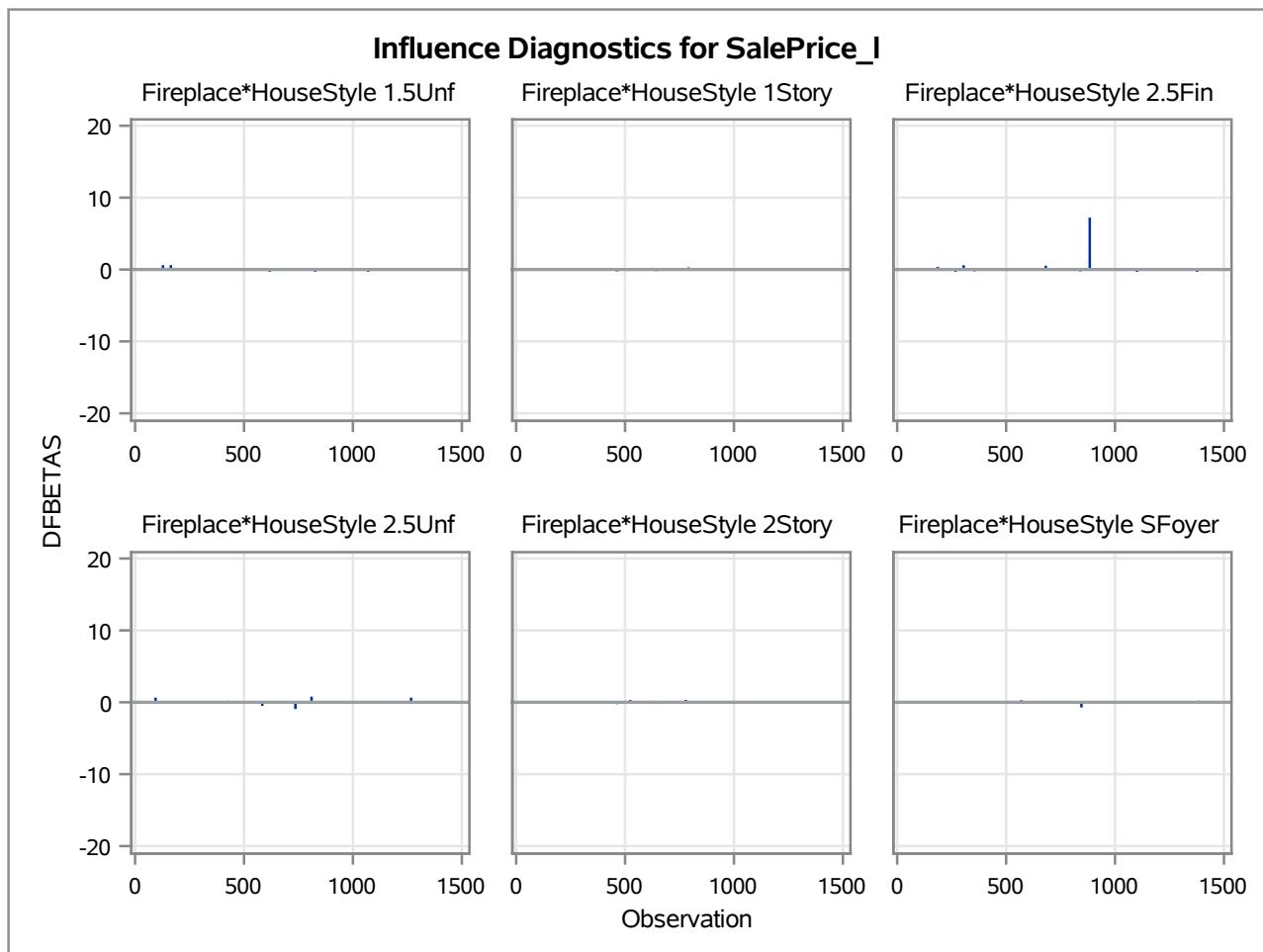
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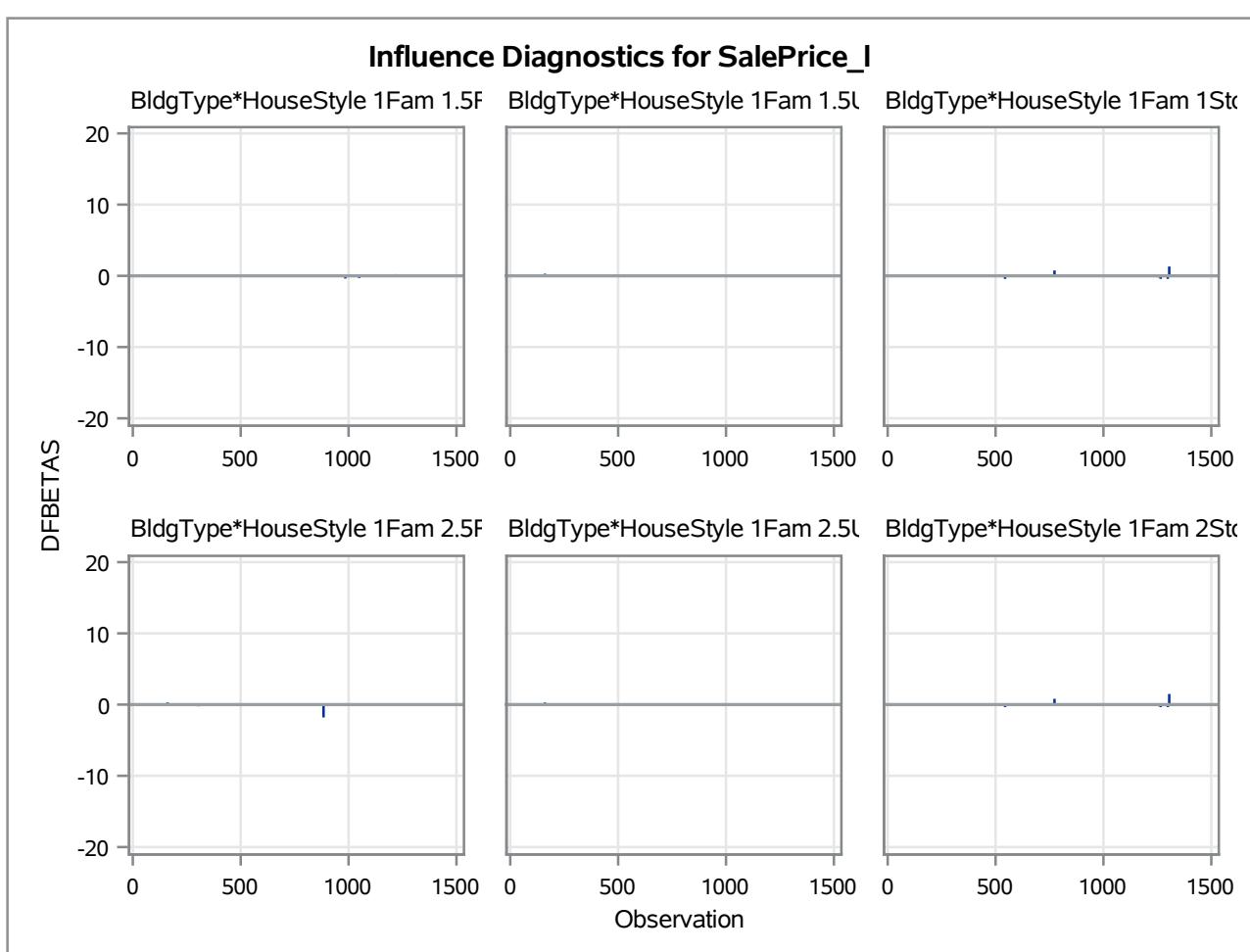
Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I****Influence Diagnostics for SalePrice_I**

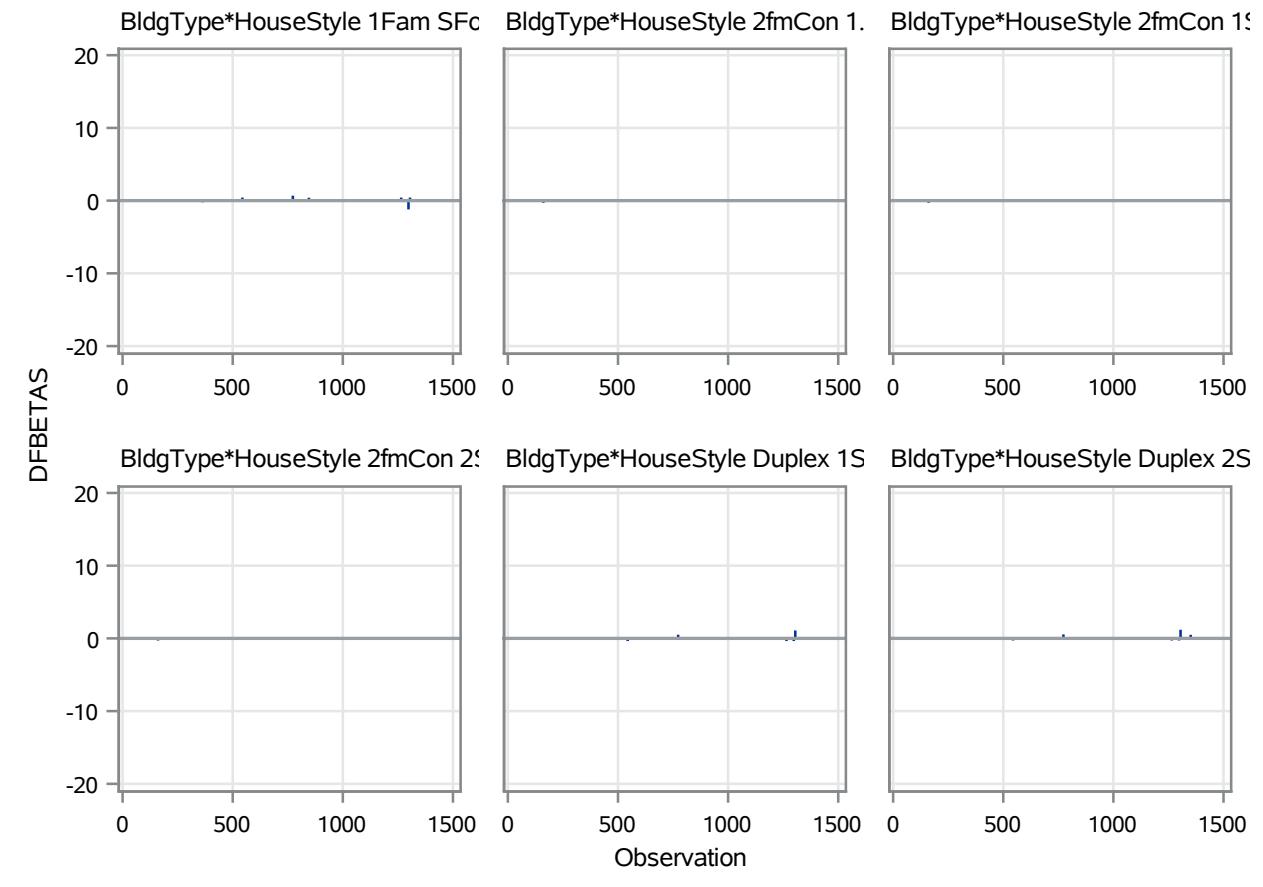
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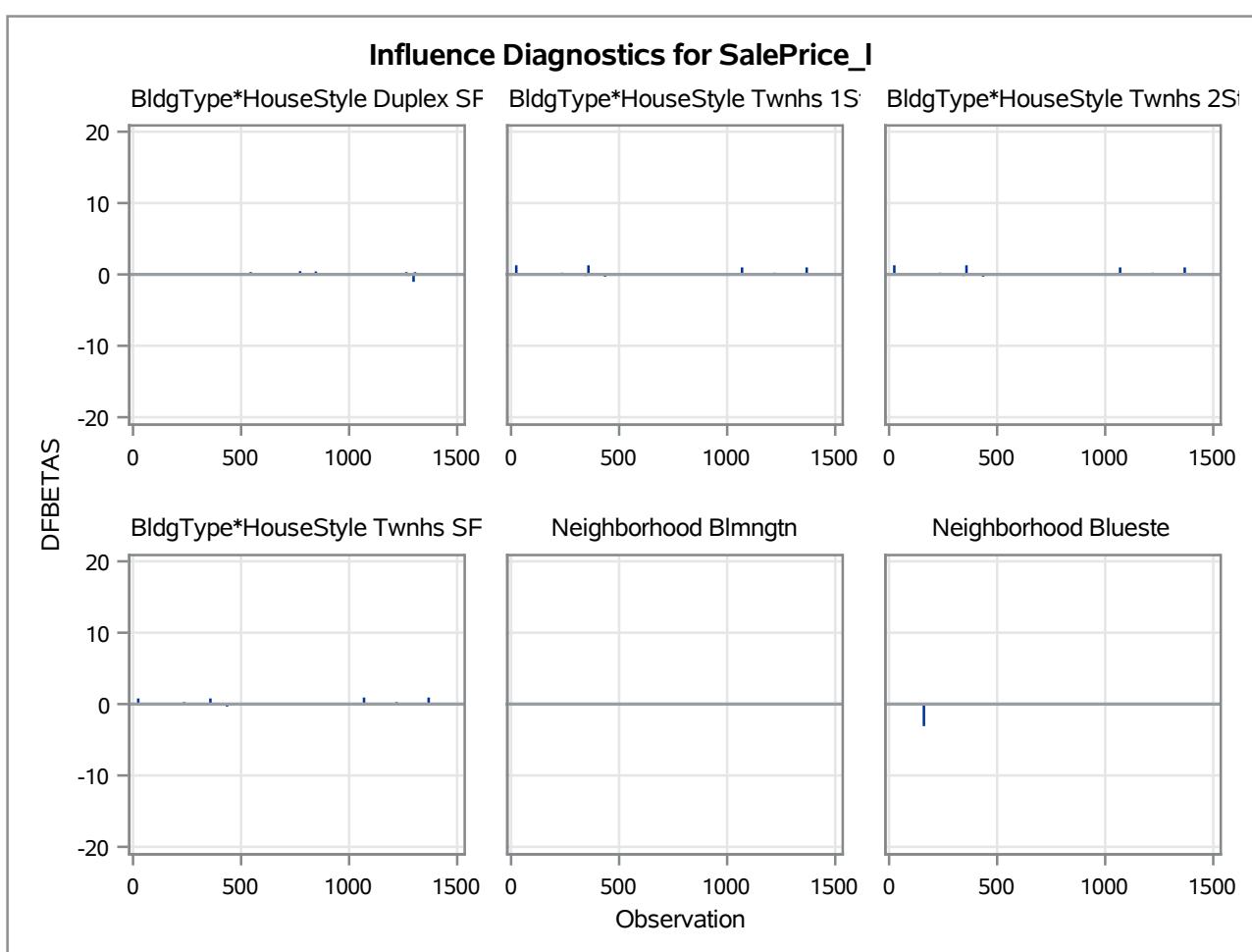
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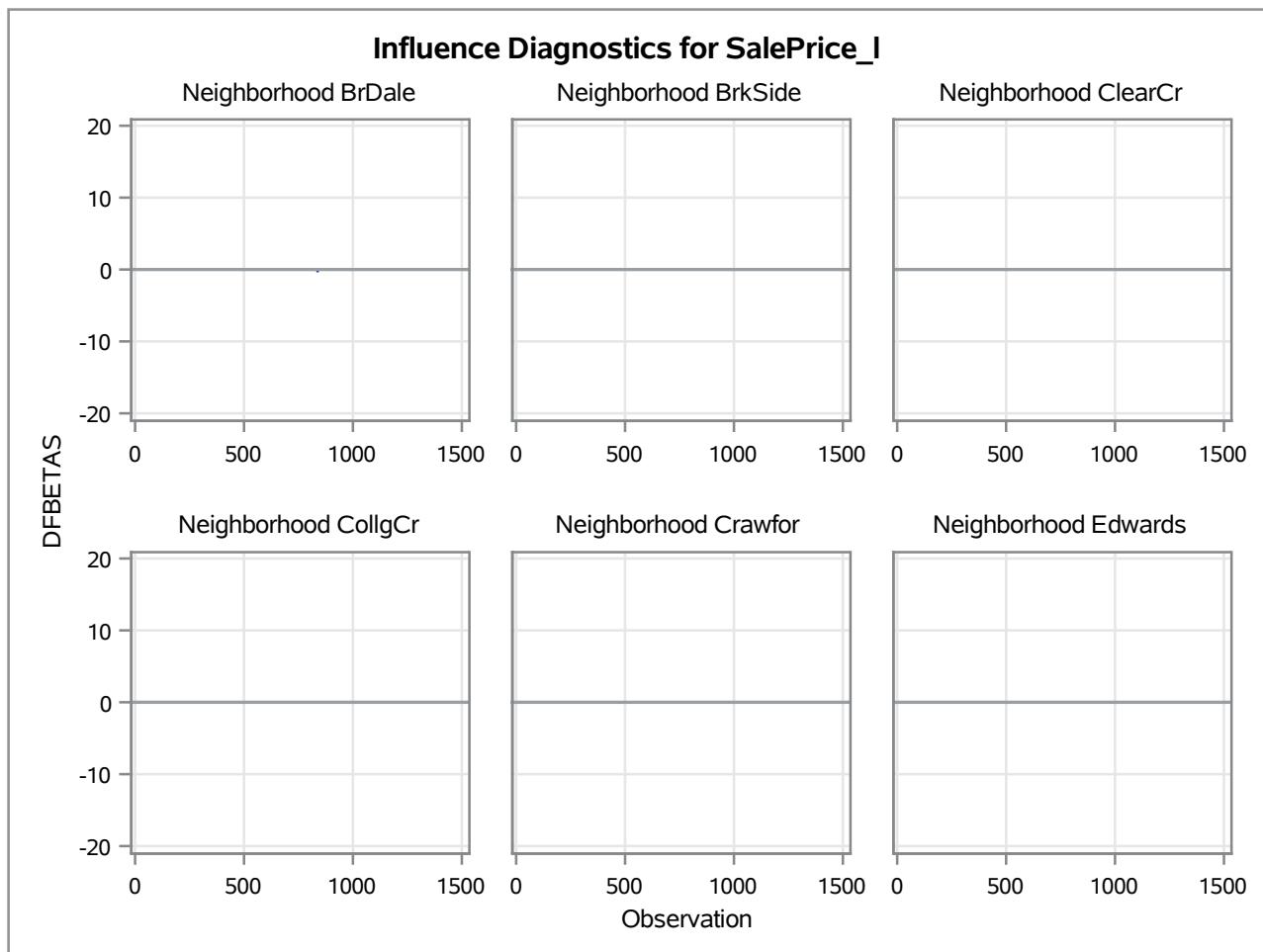
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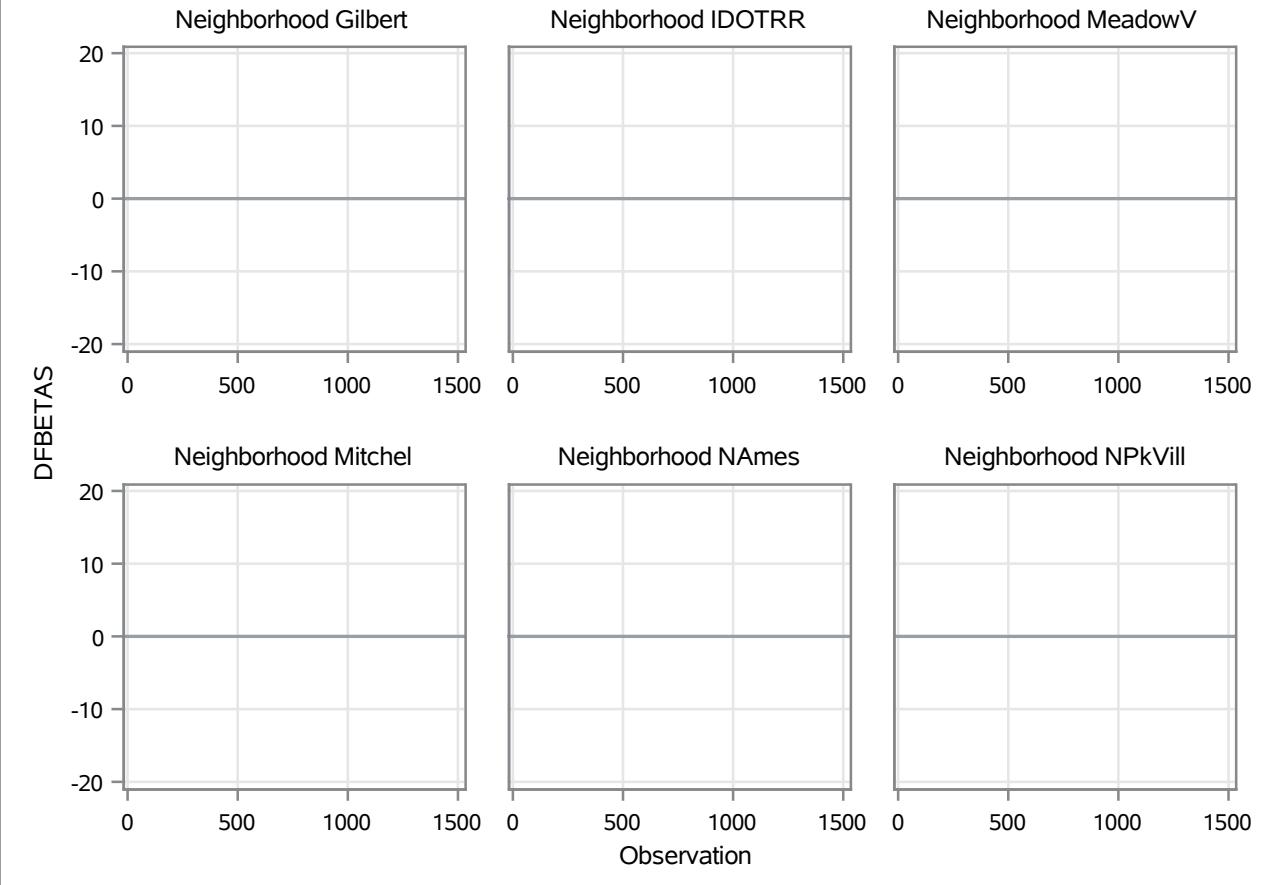
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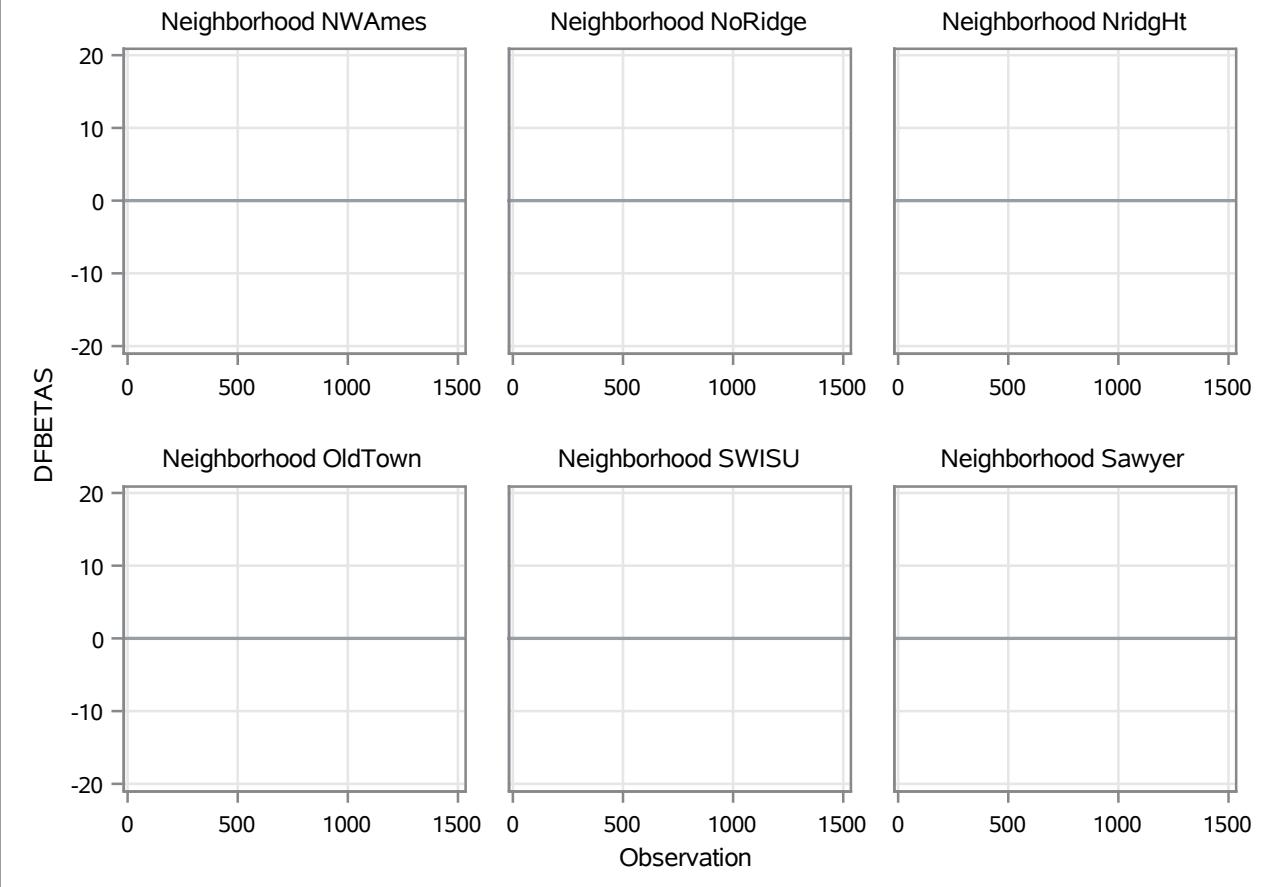
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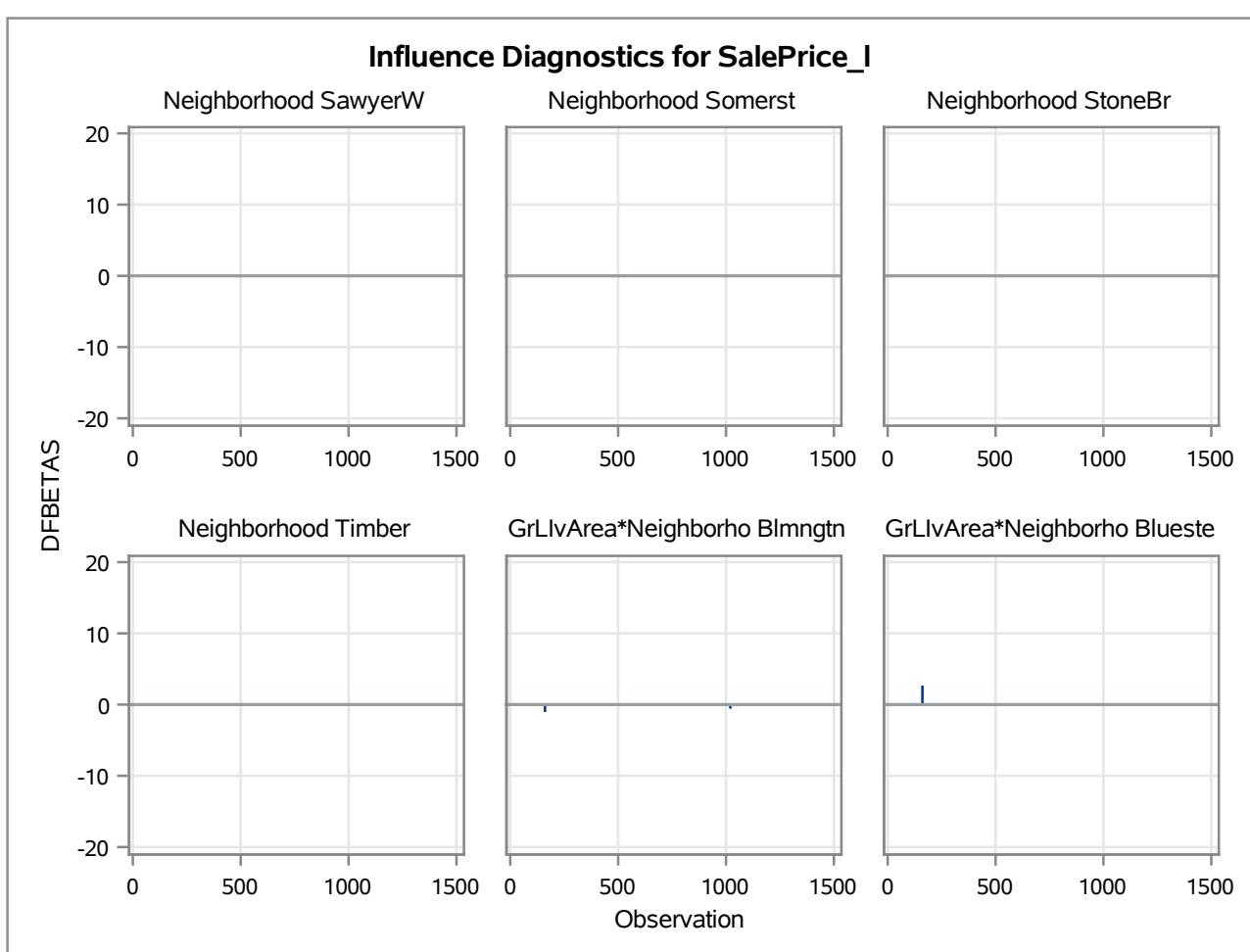
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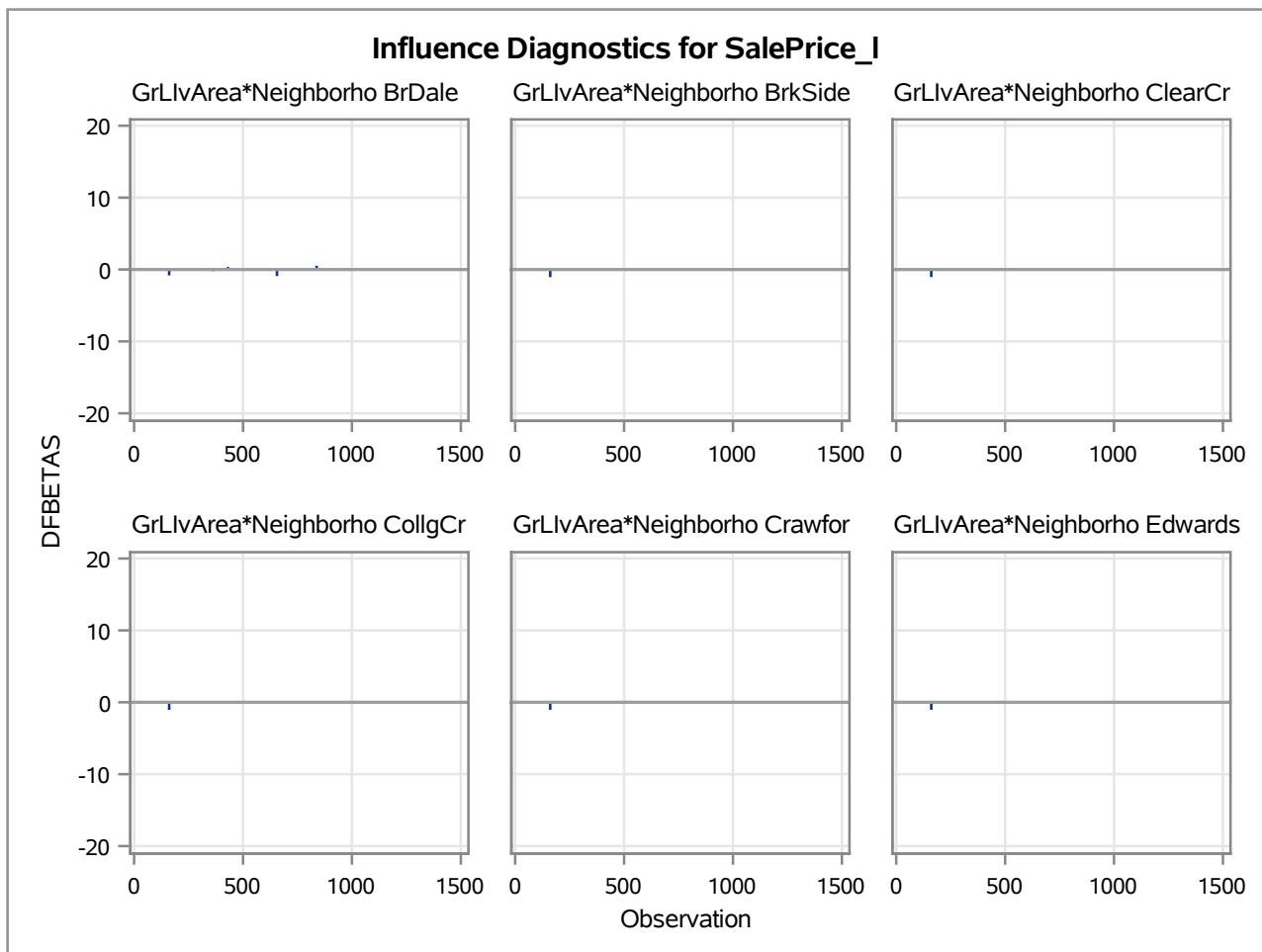
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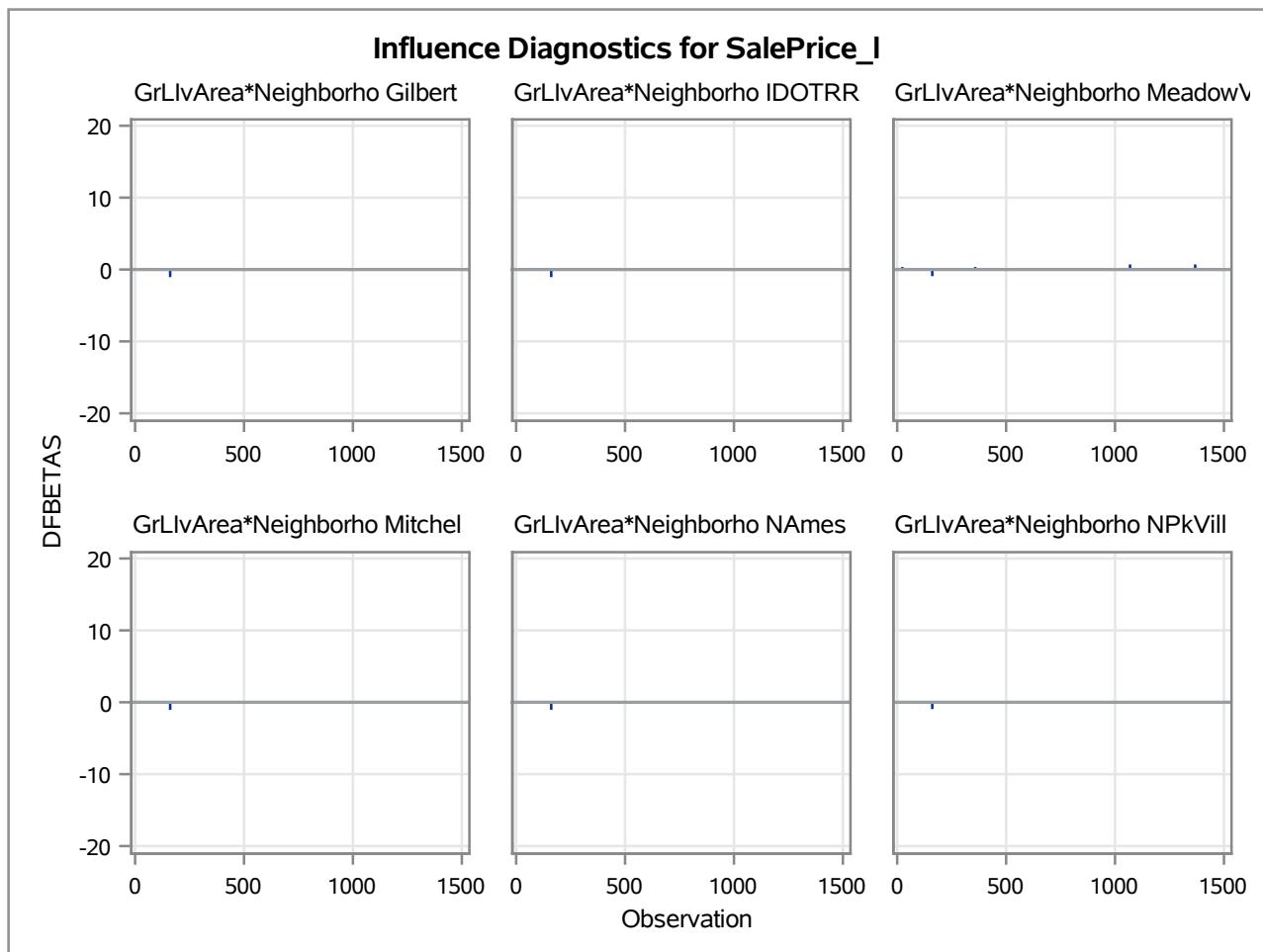
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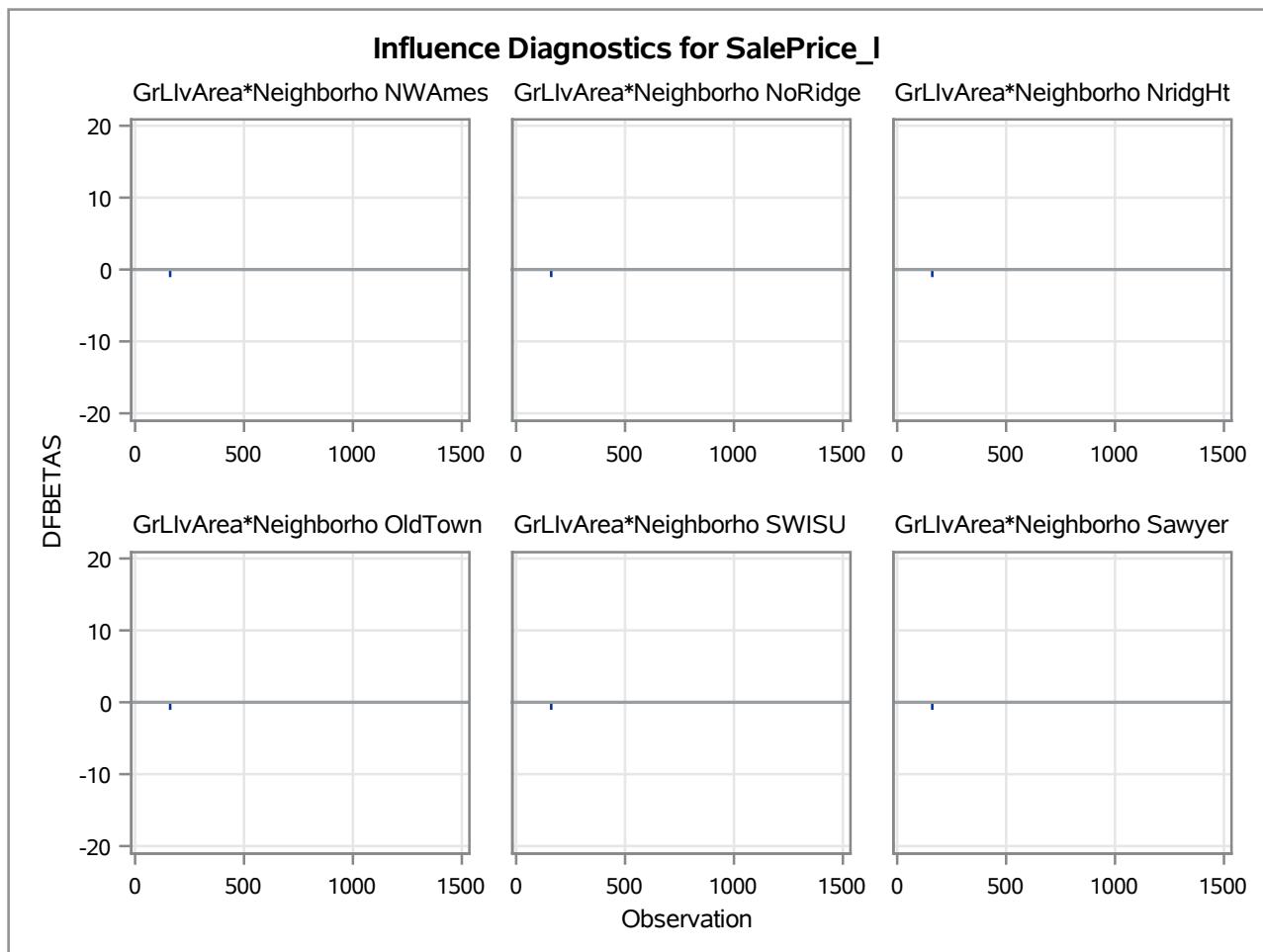
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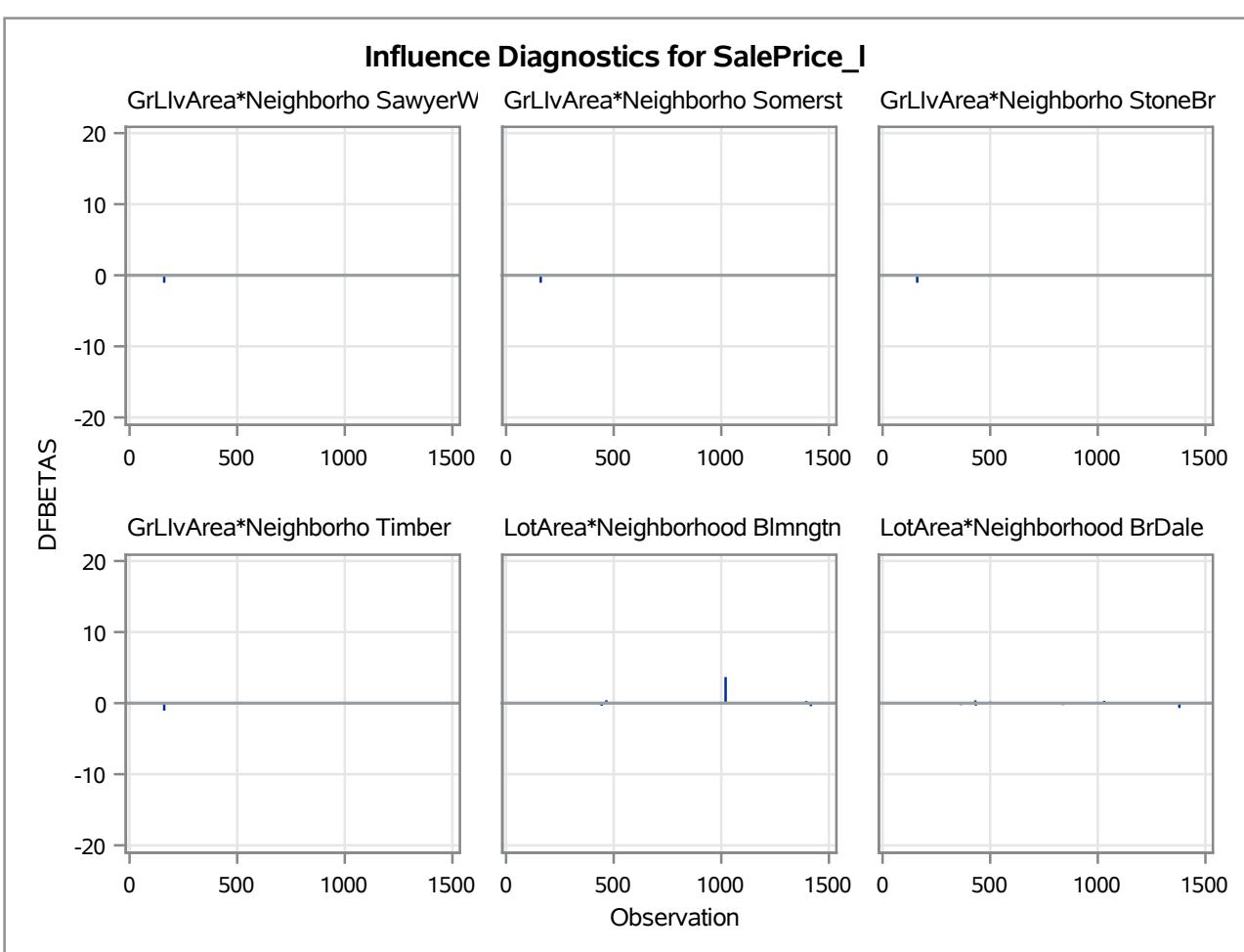
Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I****Influence Diagnostics for SalePrice_I**

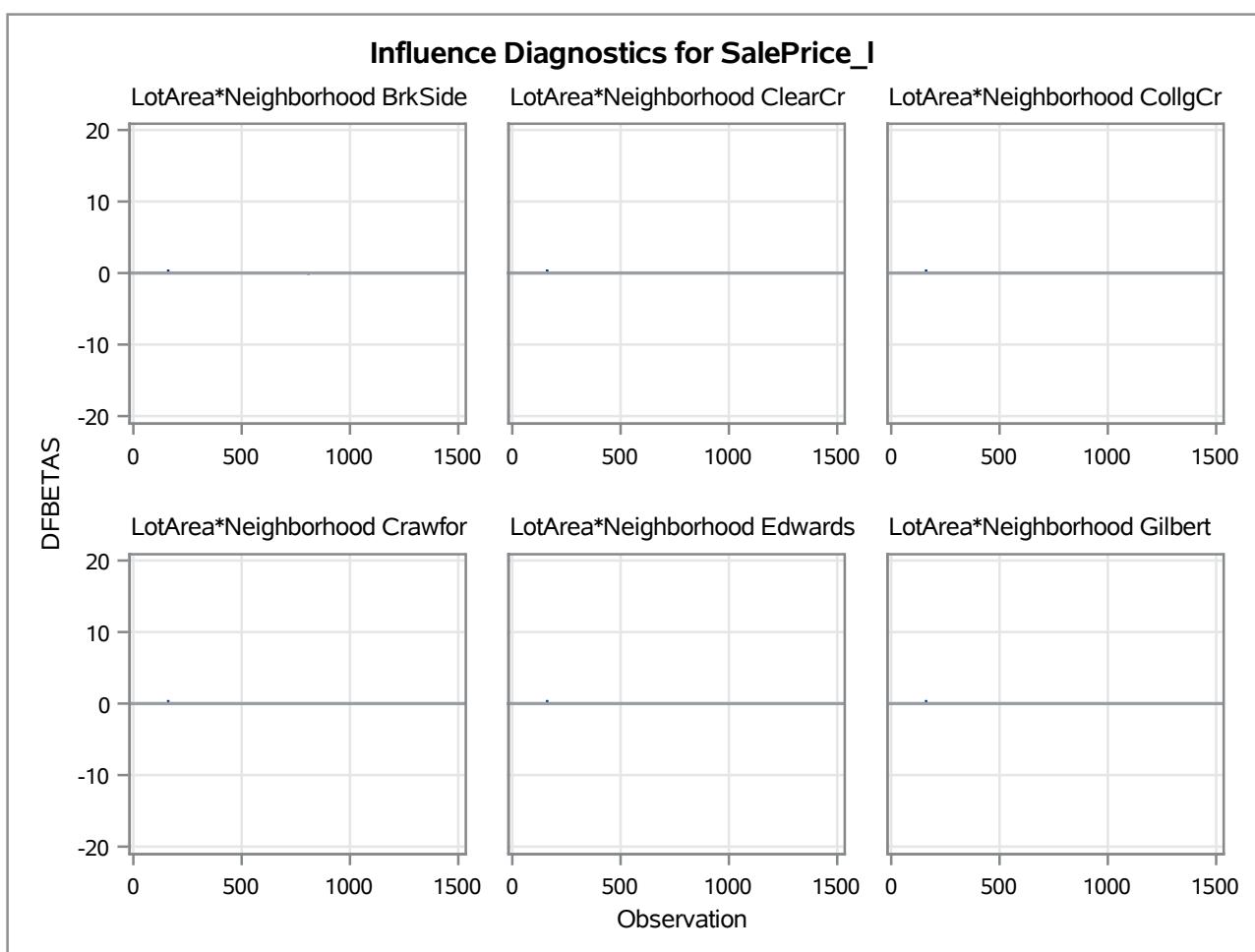
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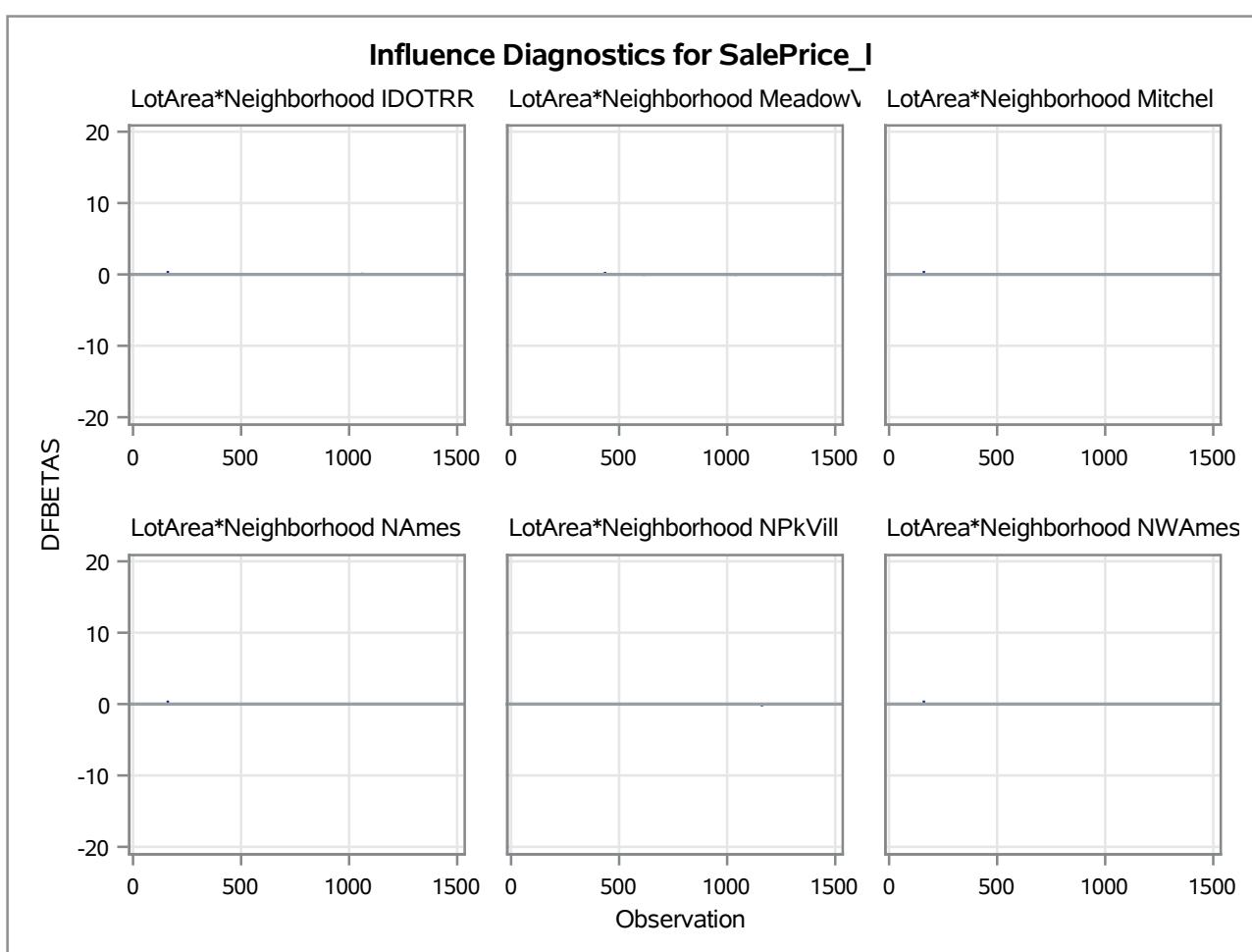
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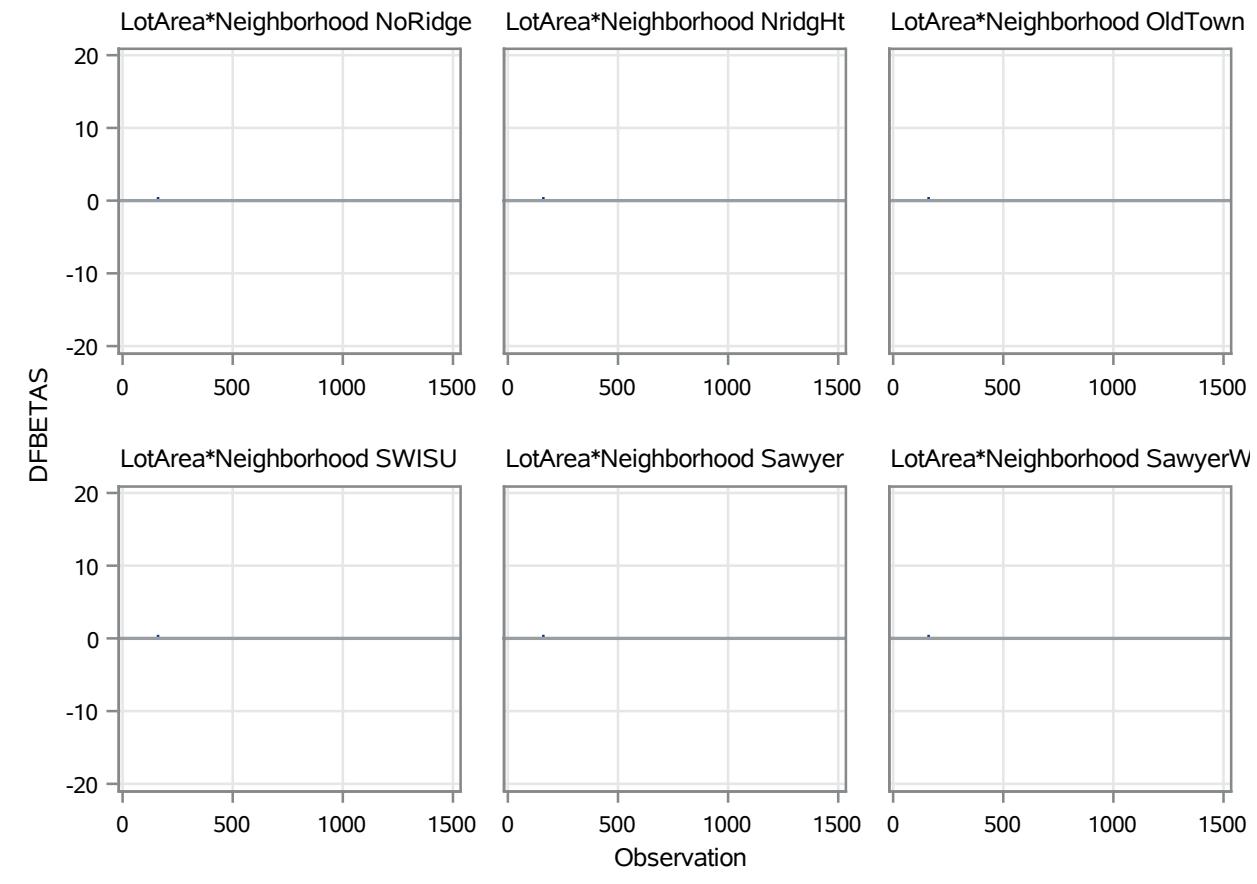
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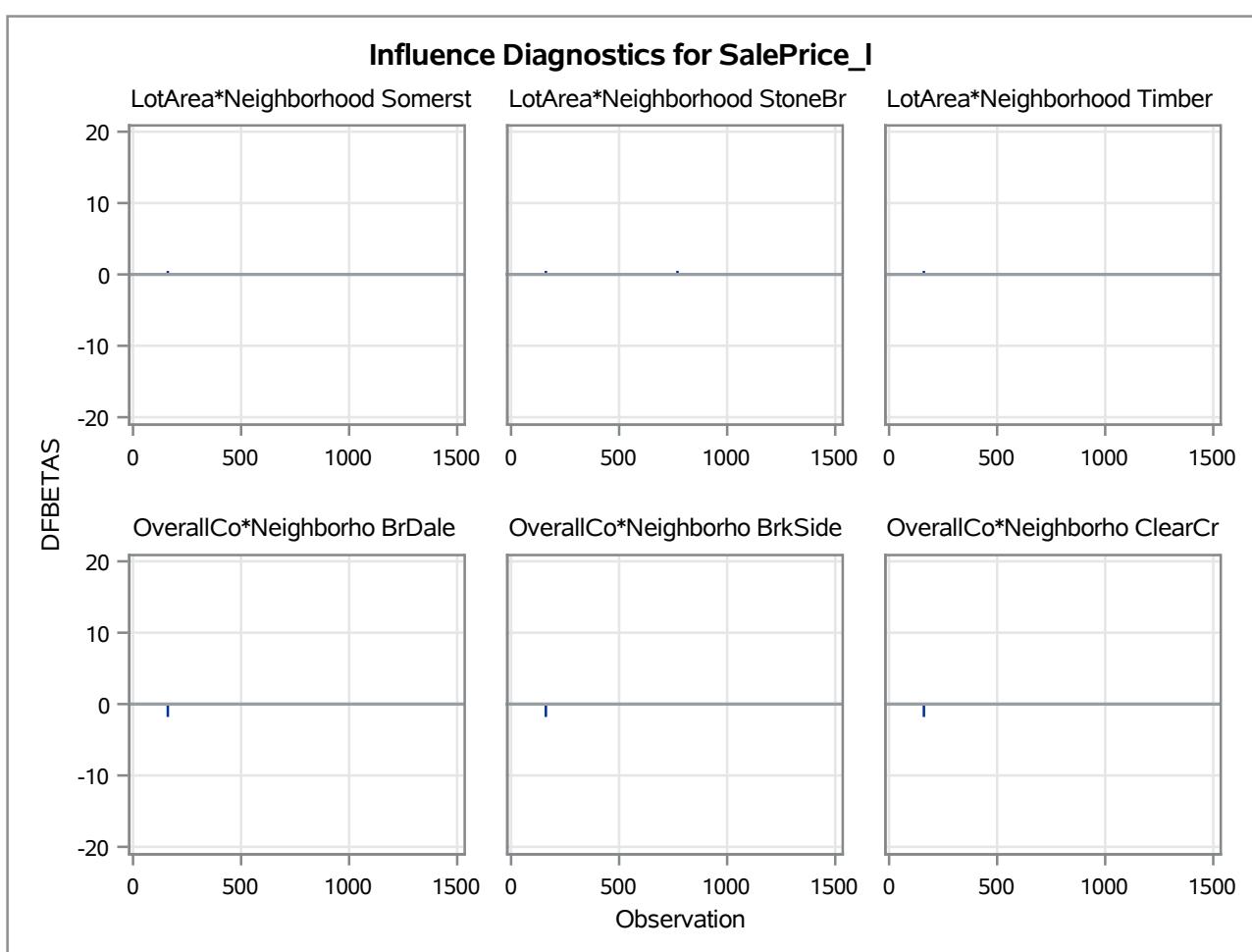
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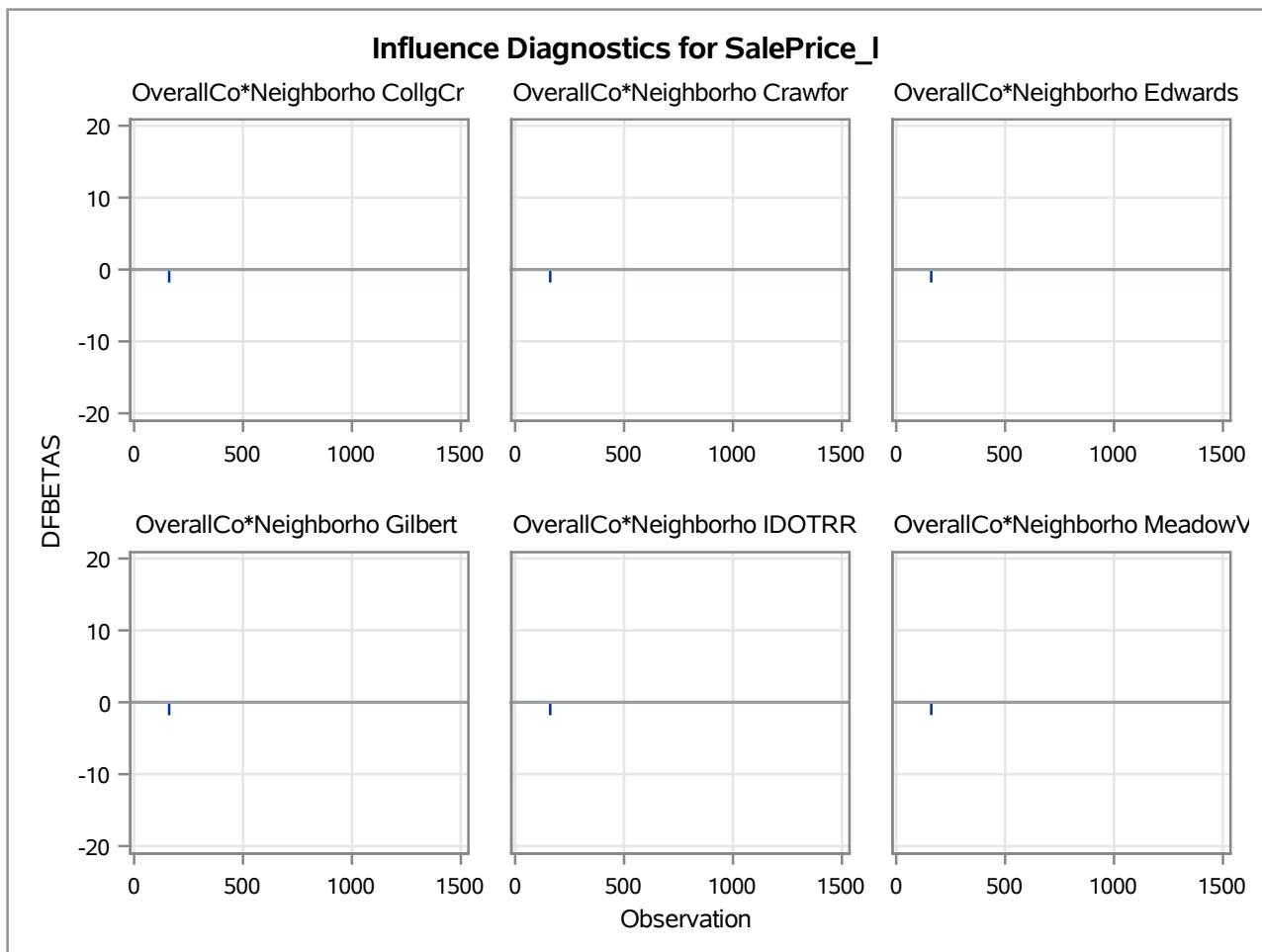
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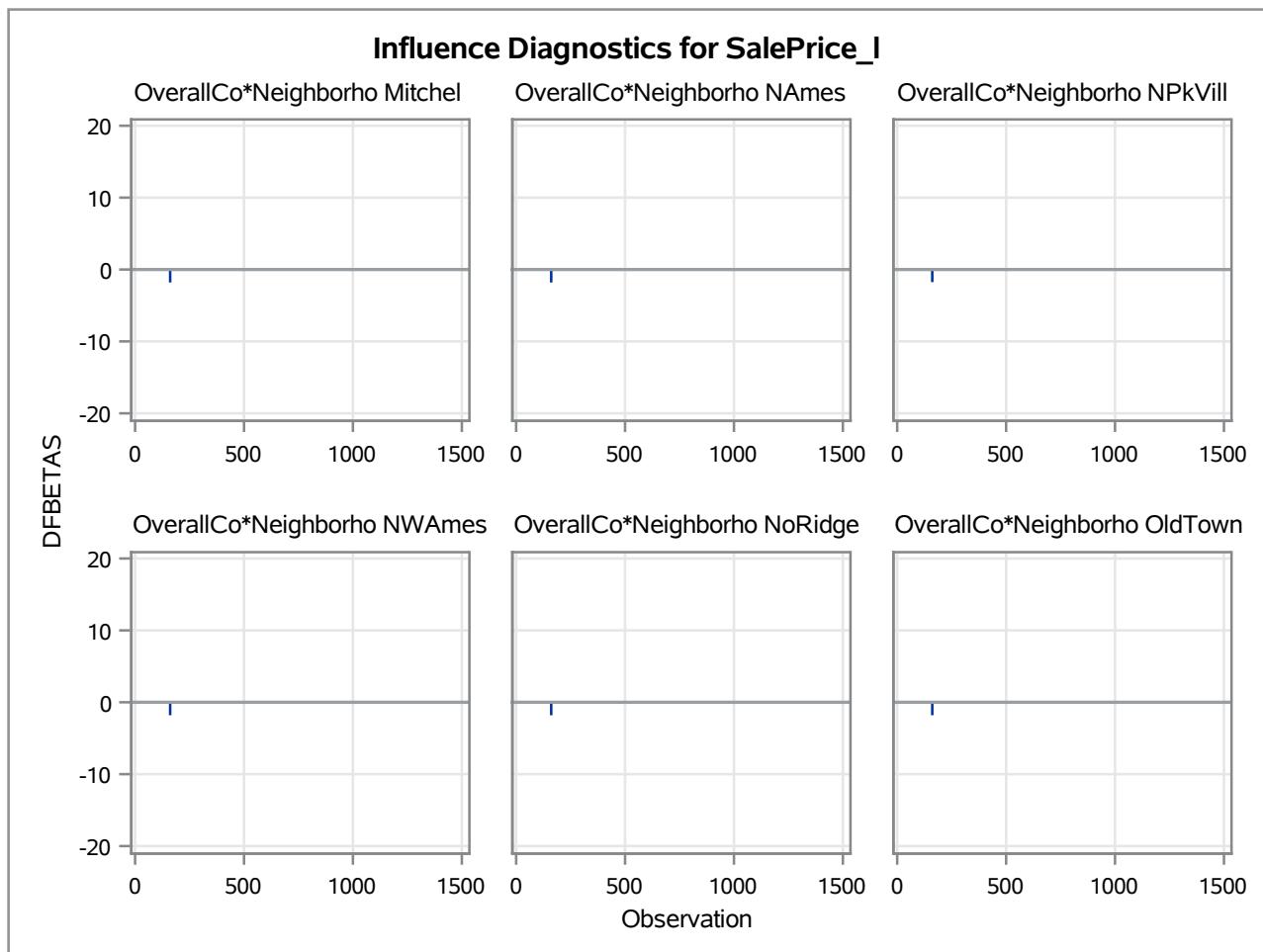
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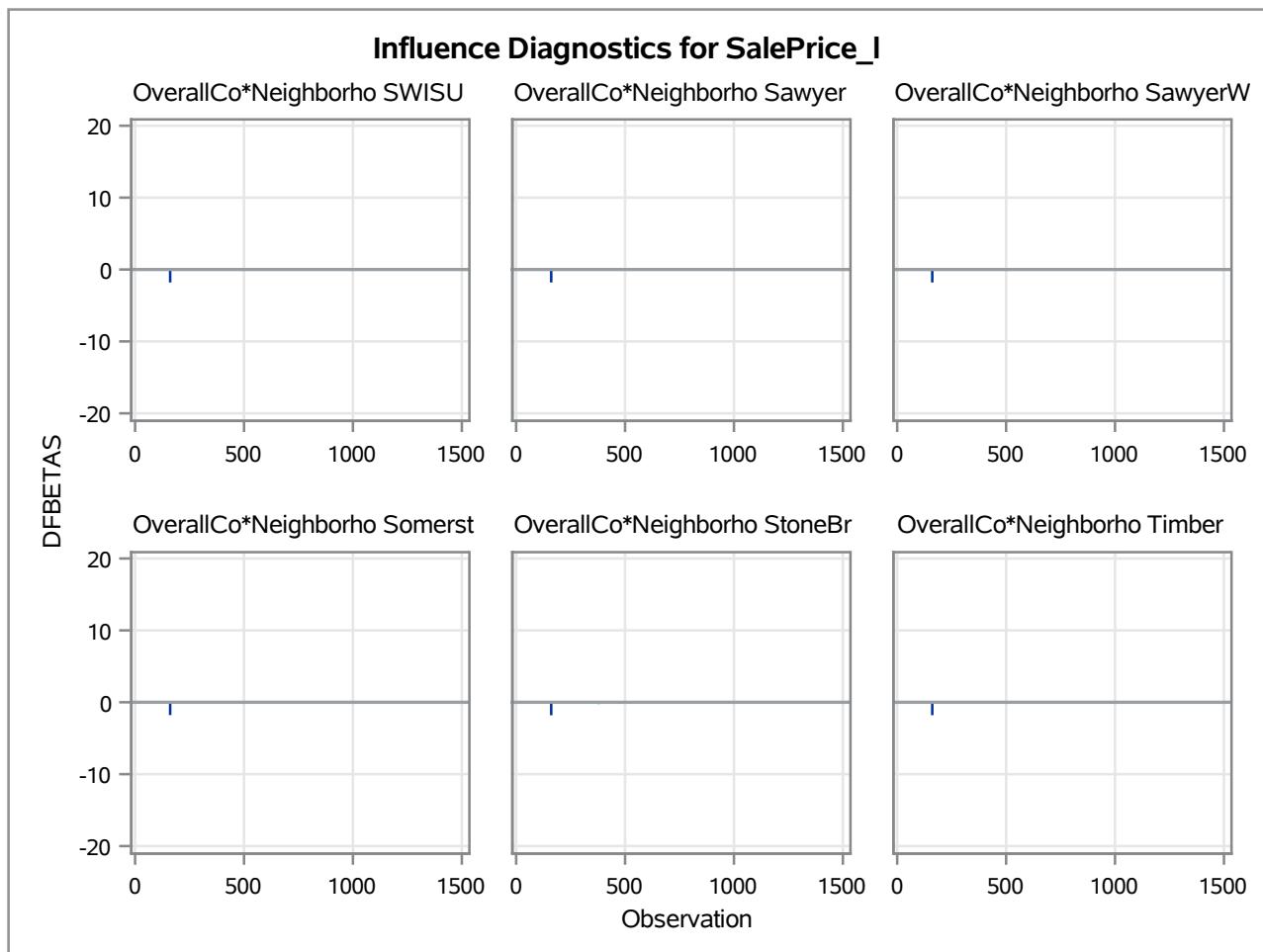
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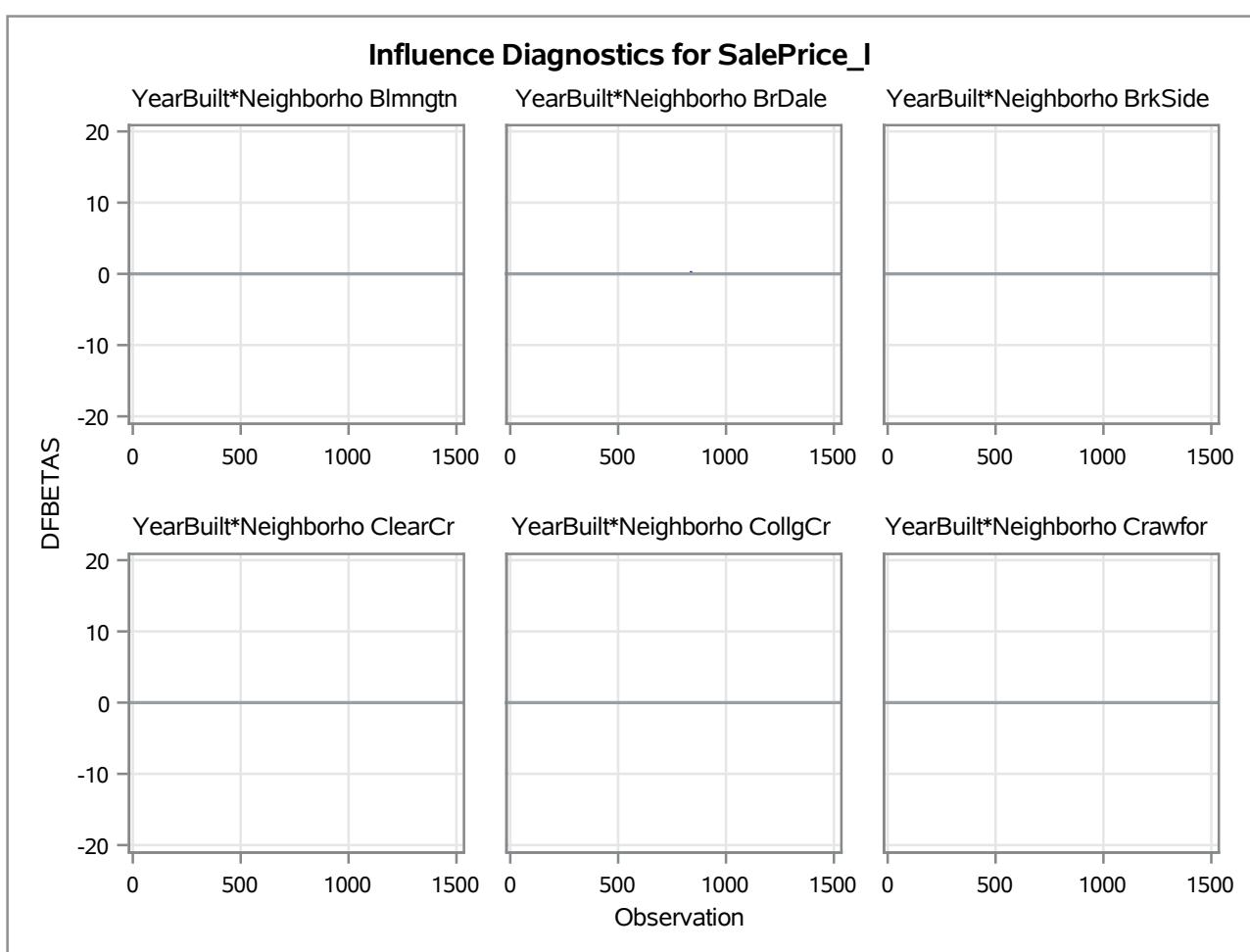
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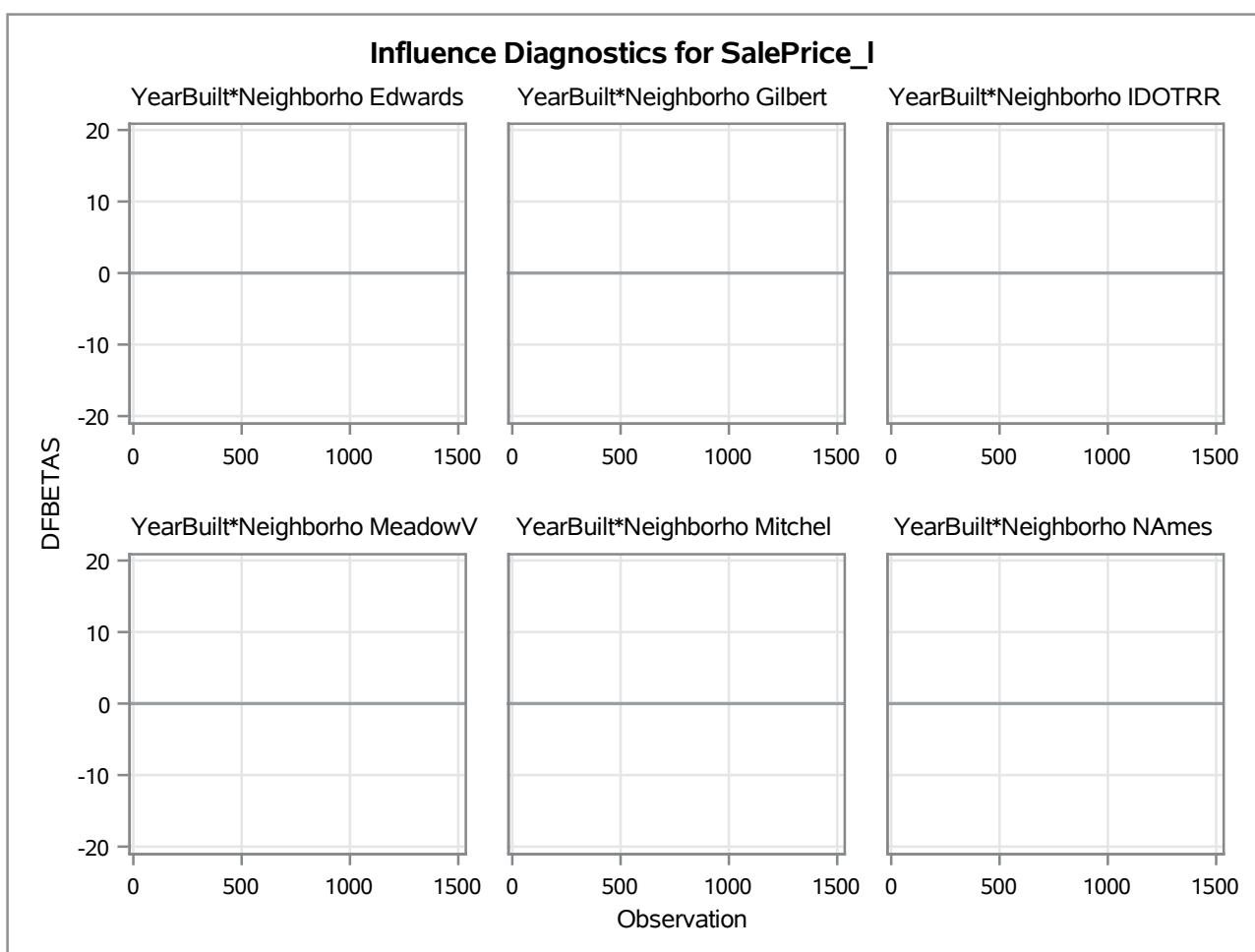
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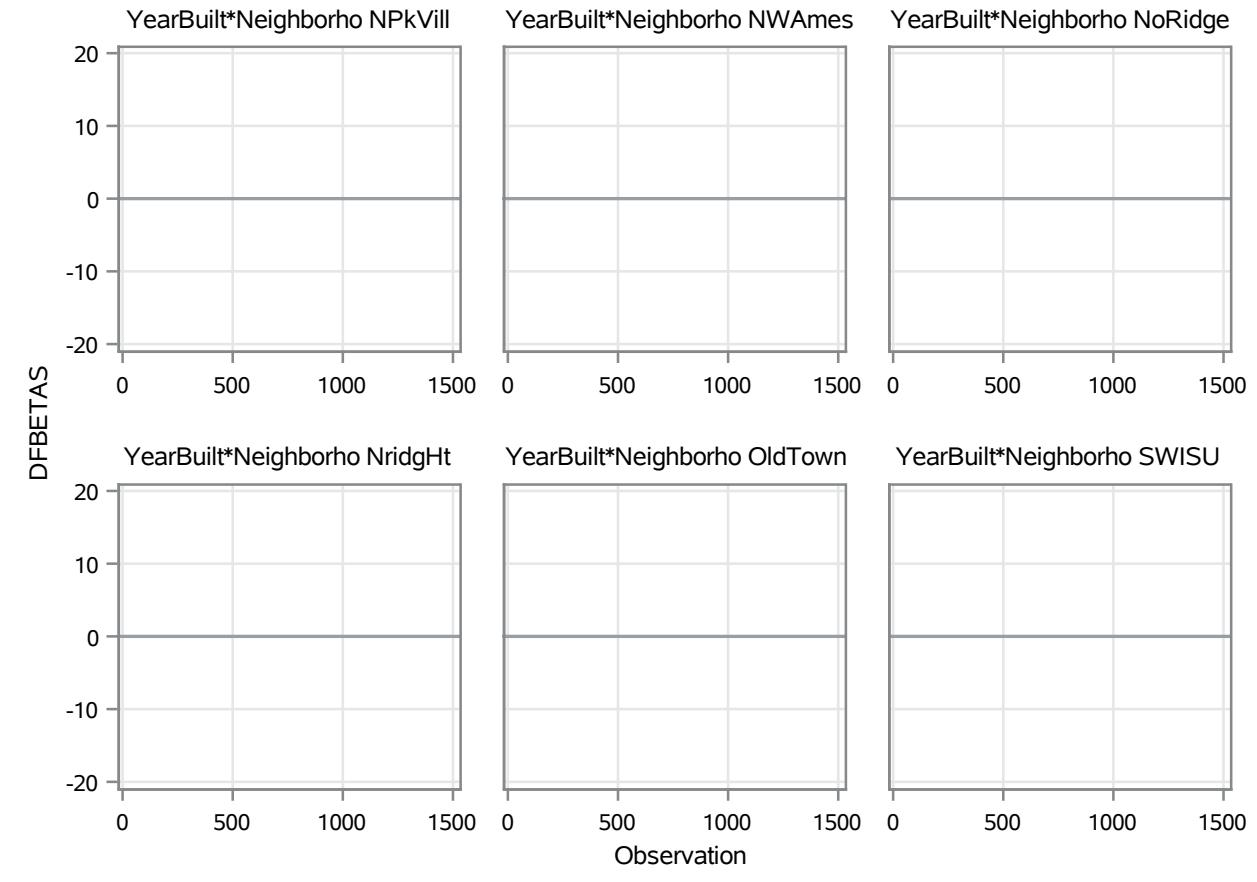
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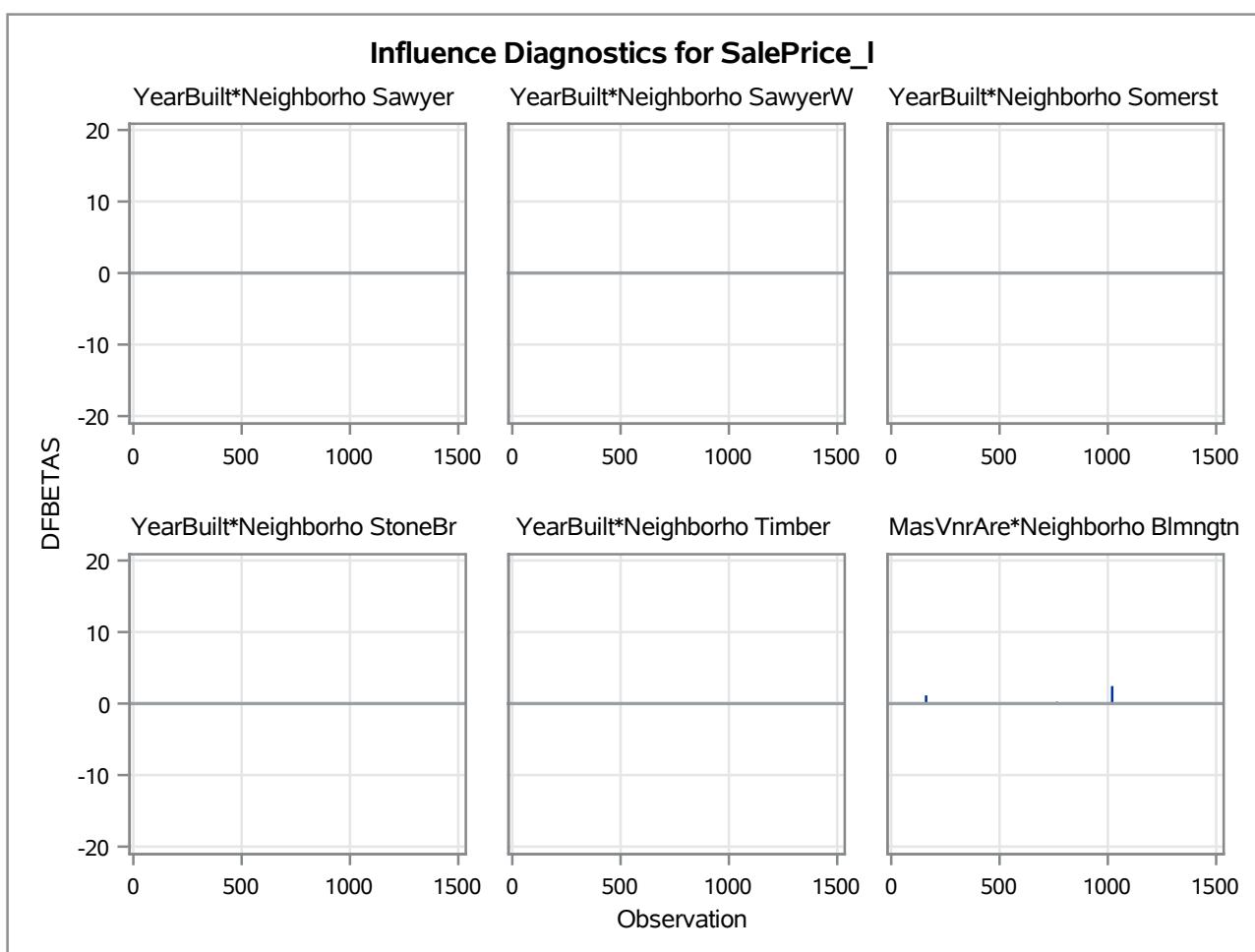
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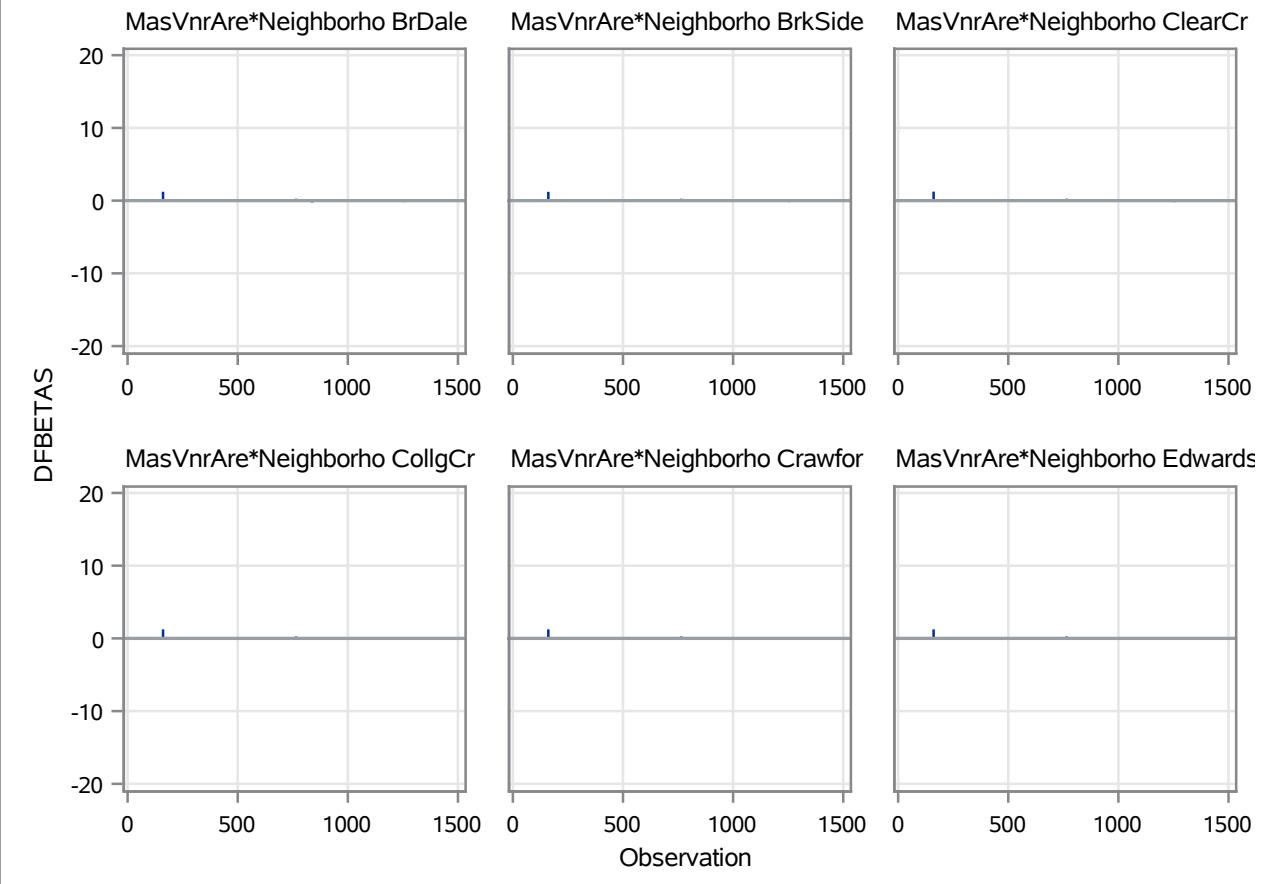
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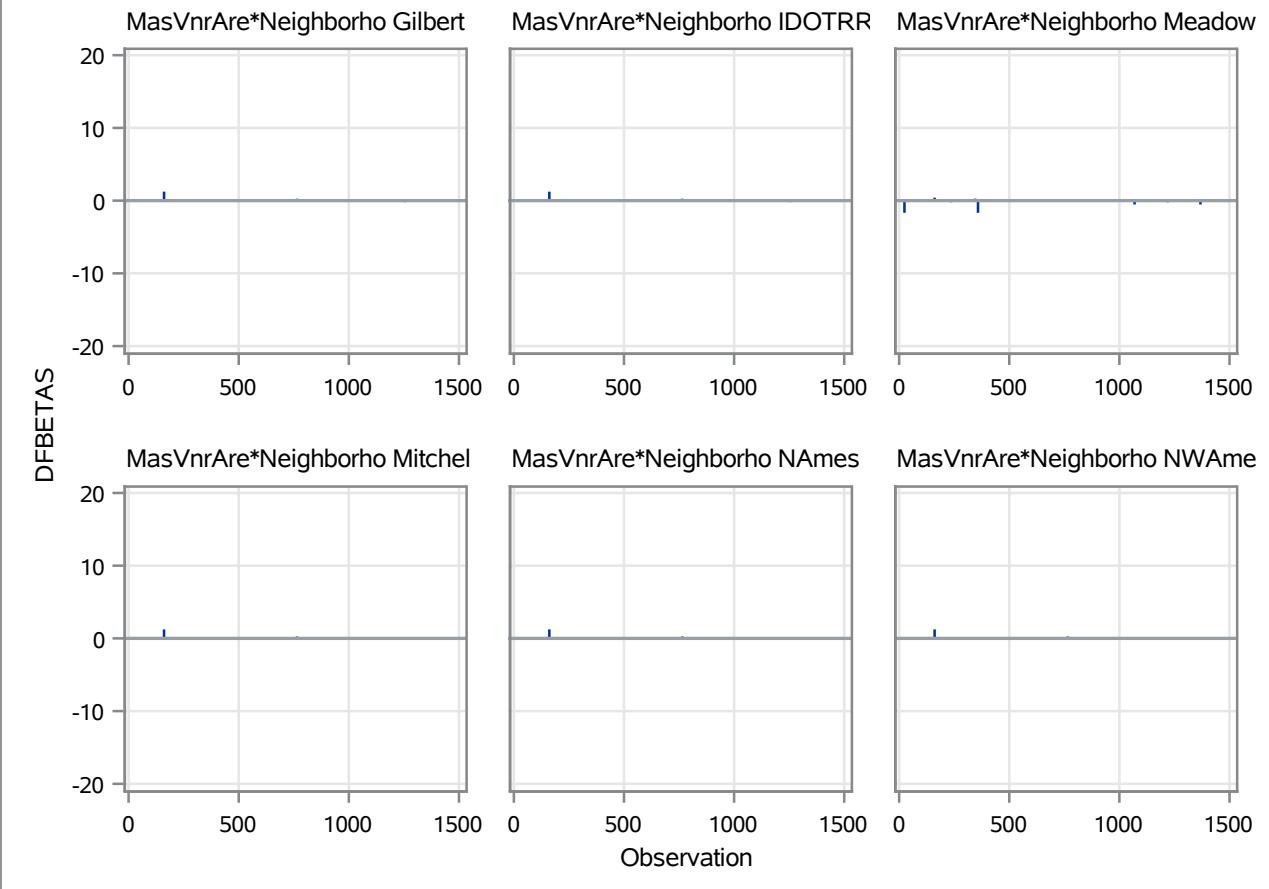
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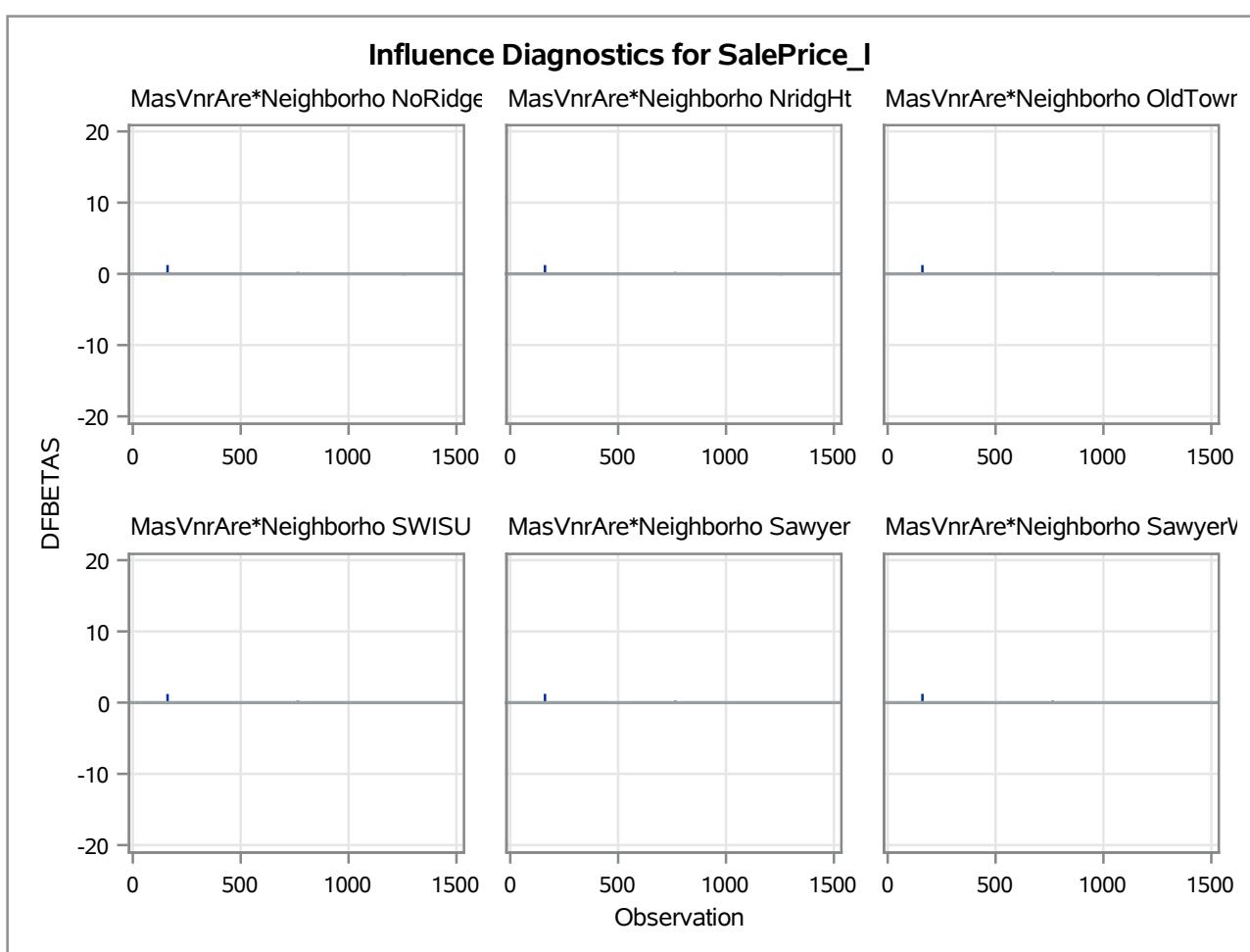
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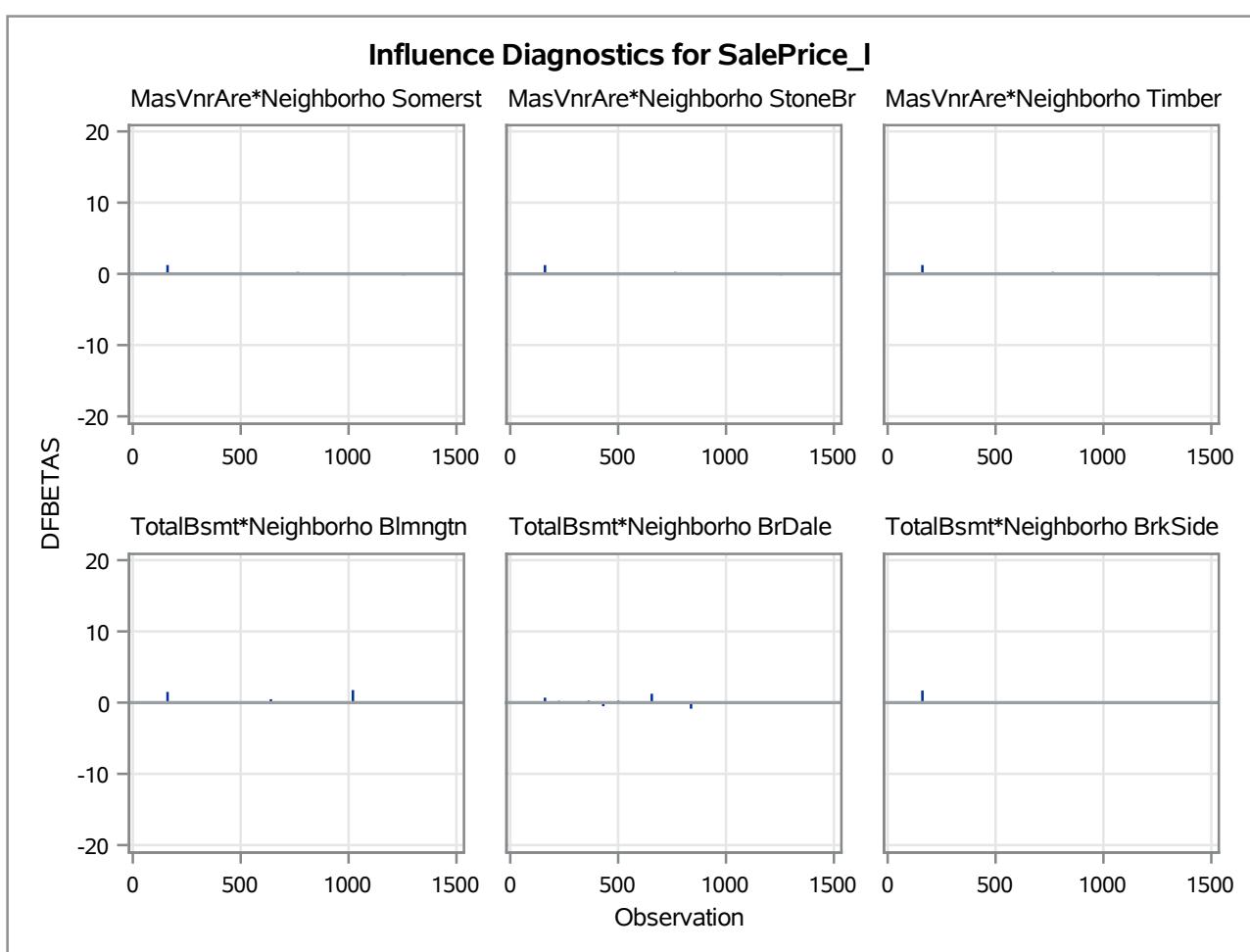
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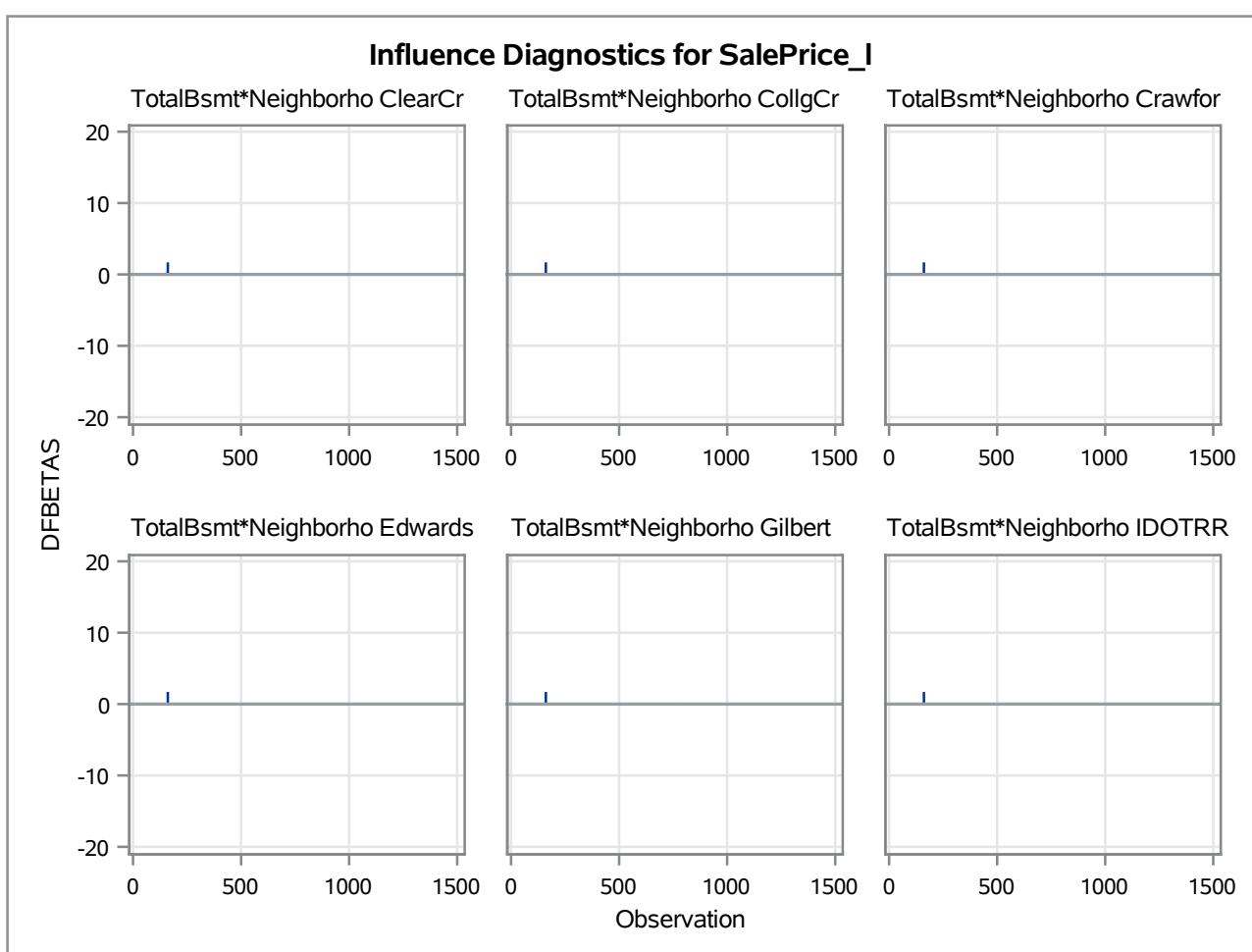
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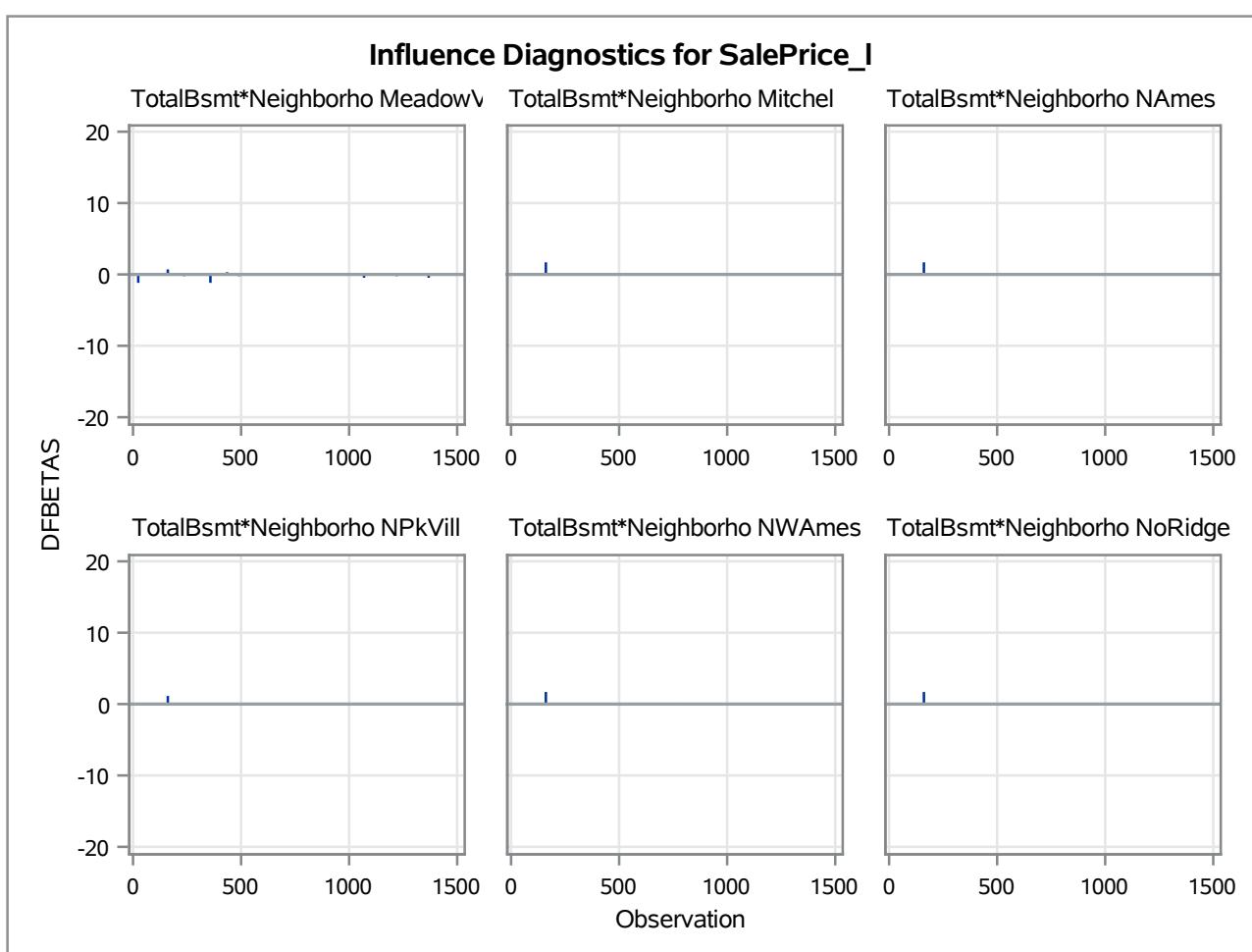
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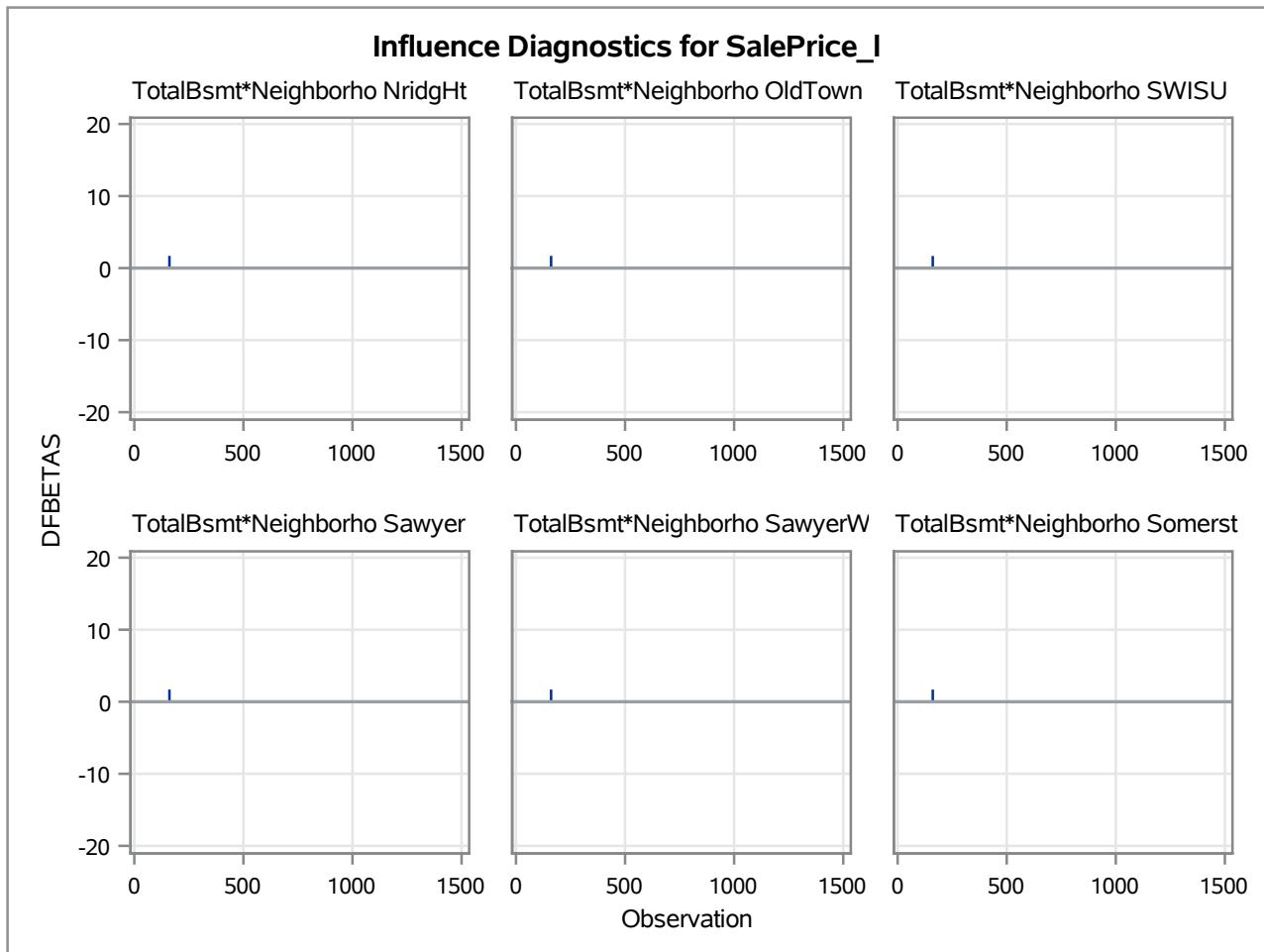
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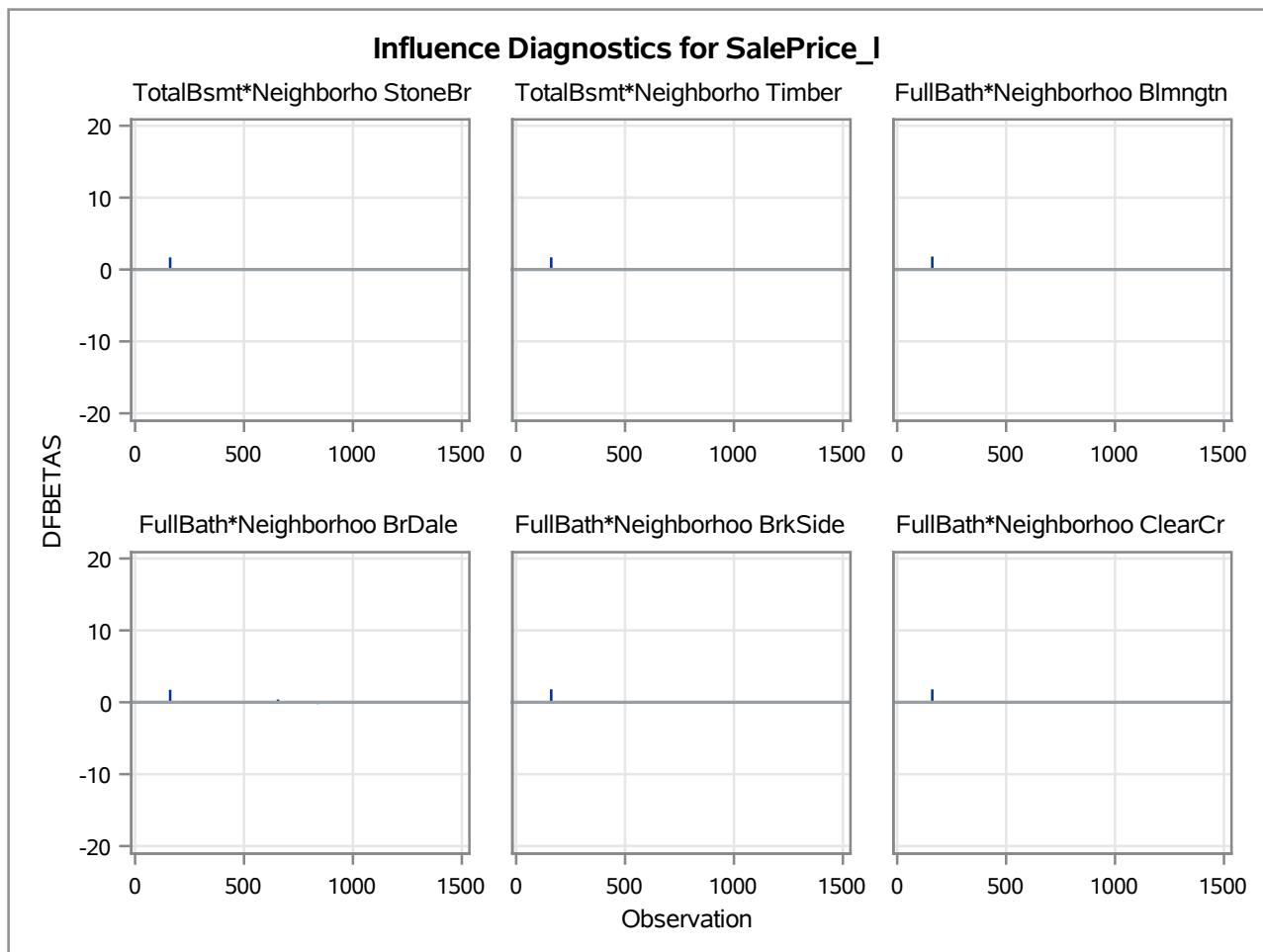
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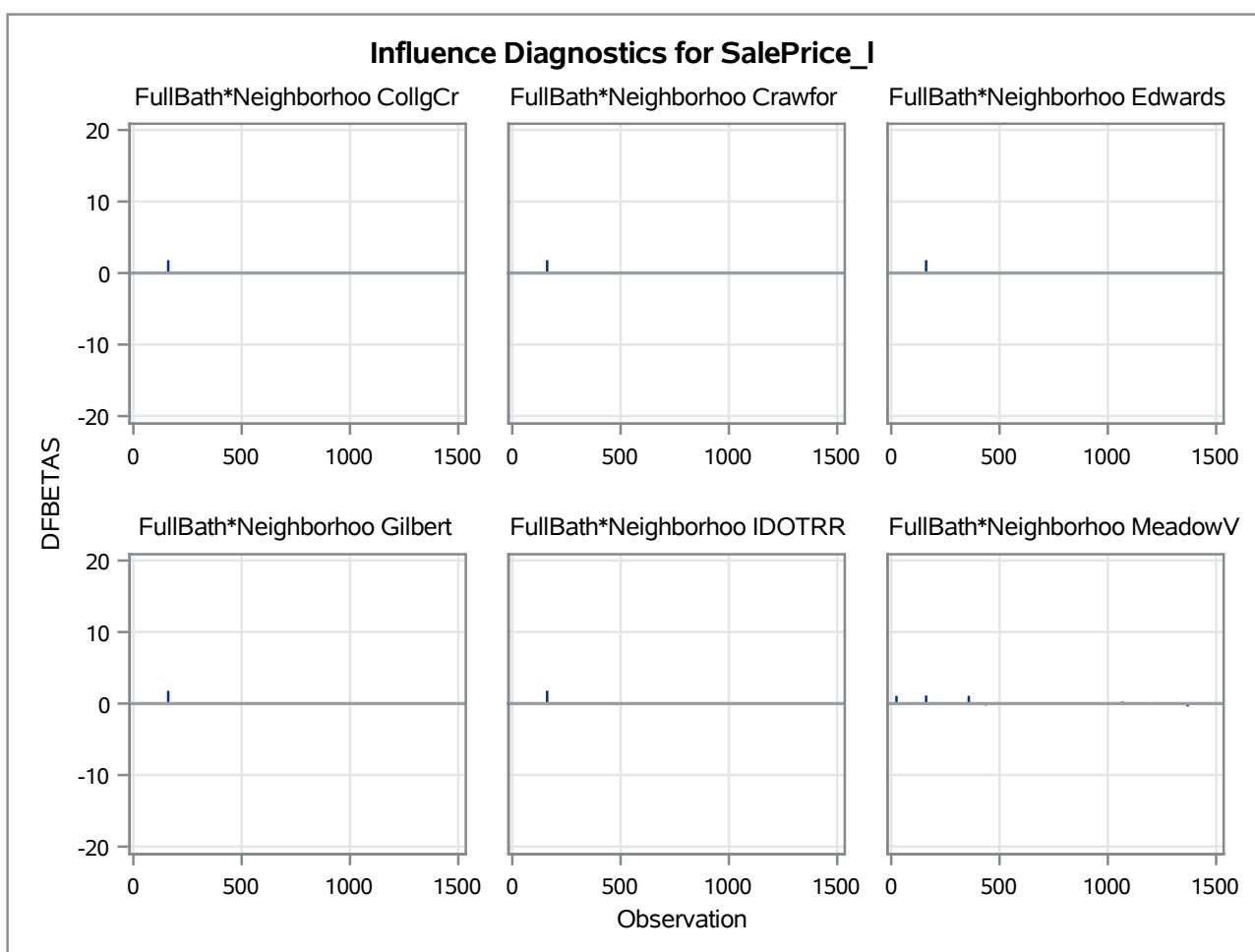
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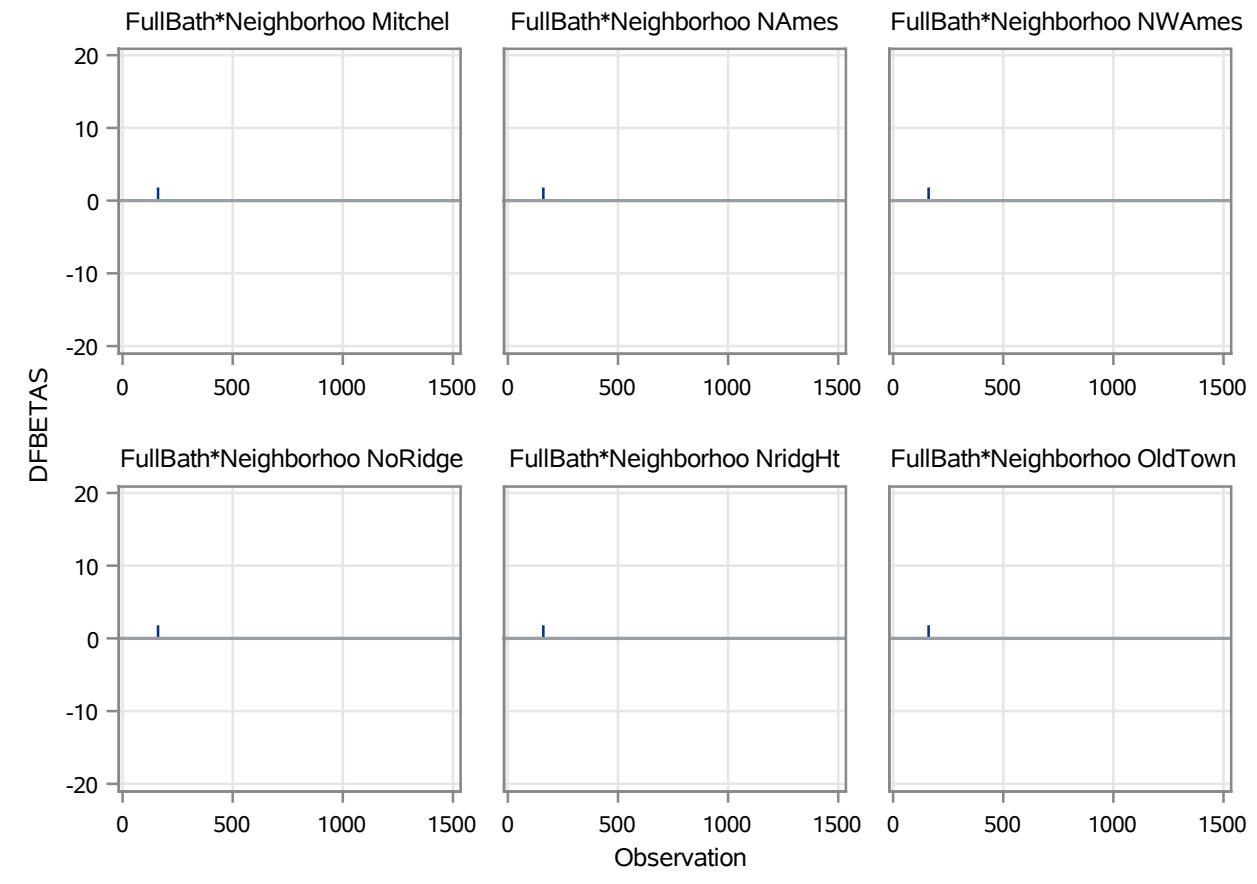
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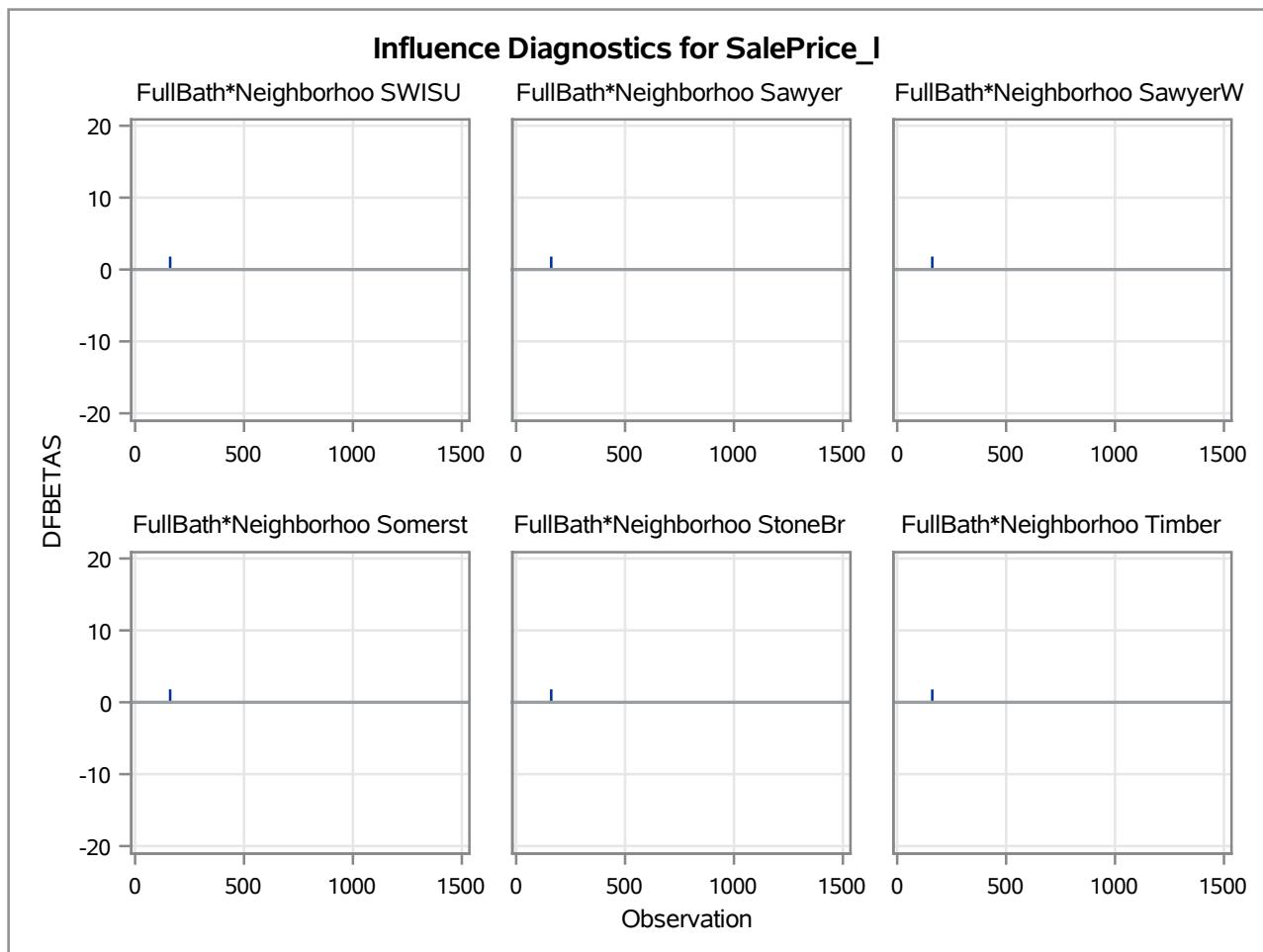
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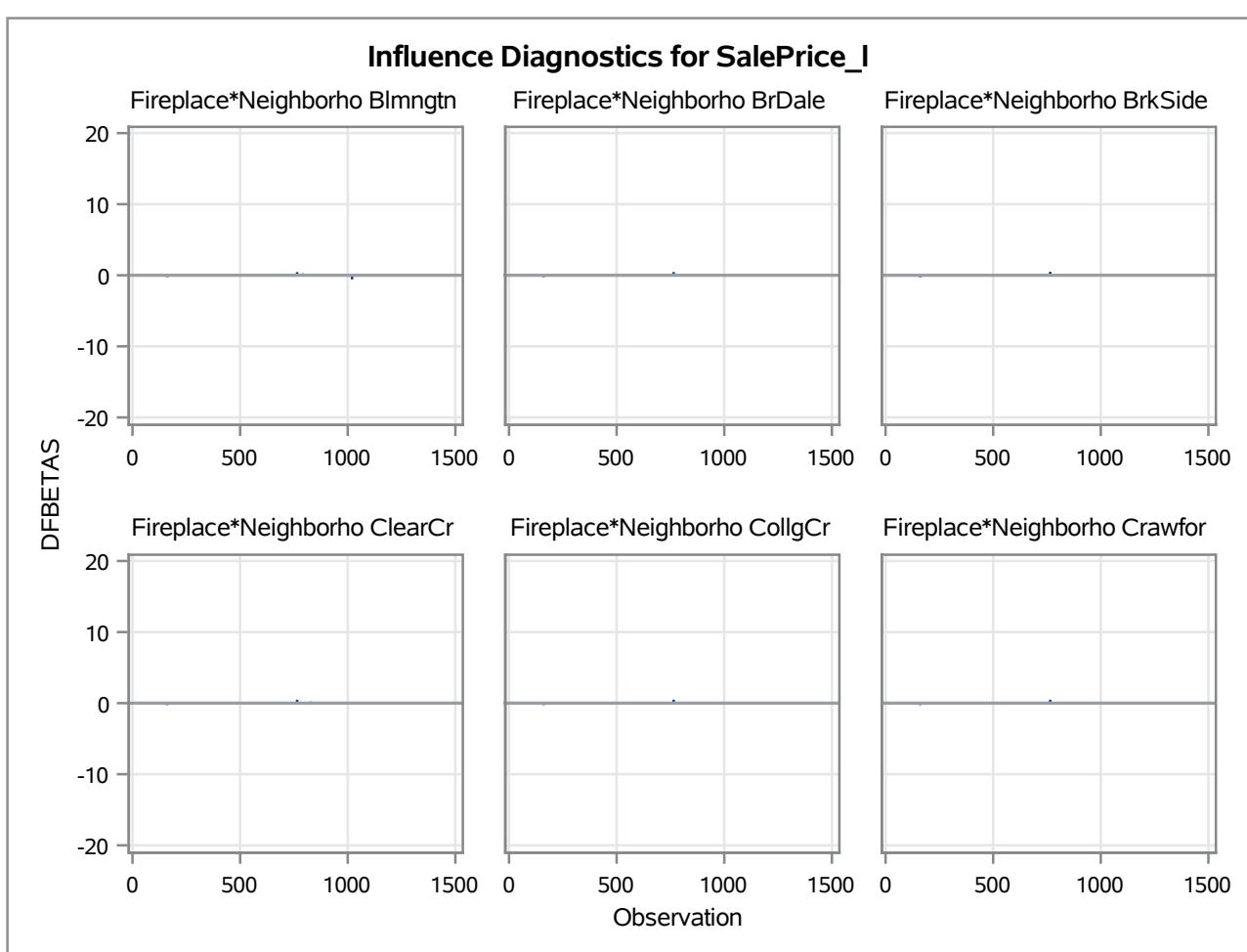
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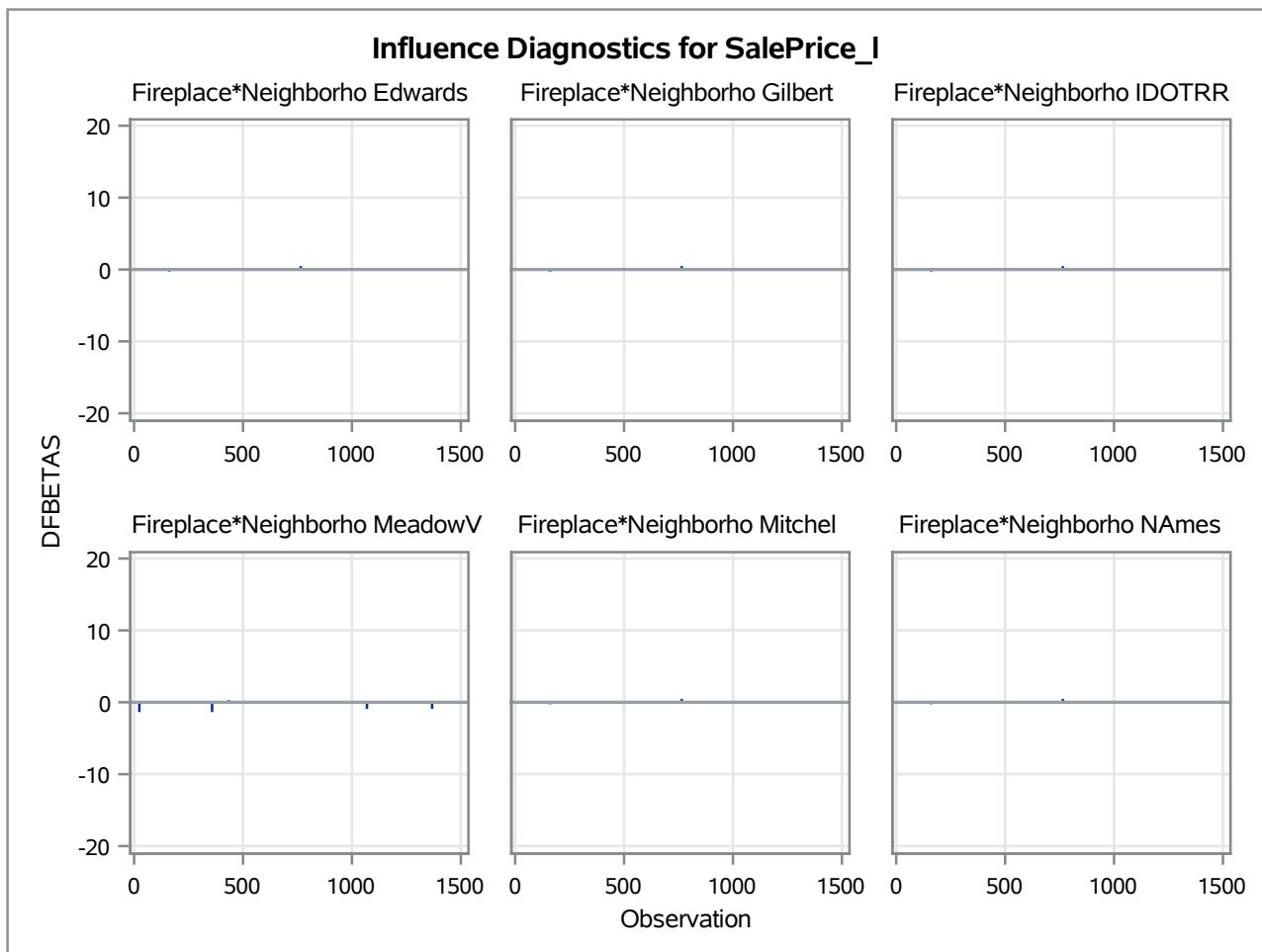
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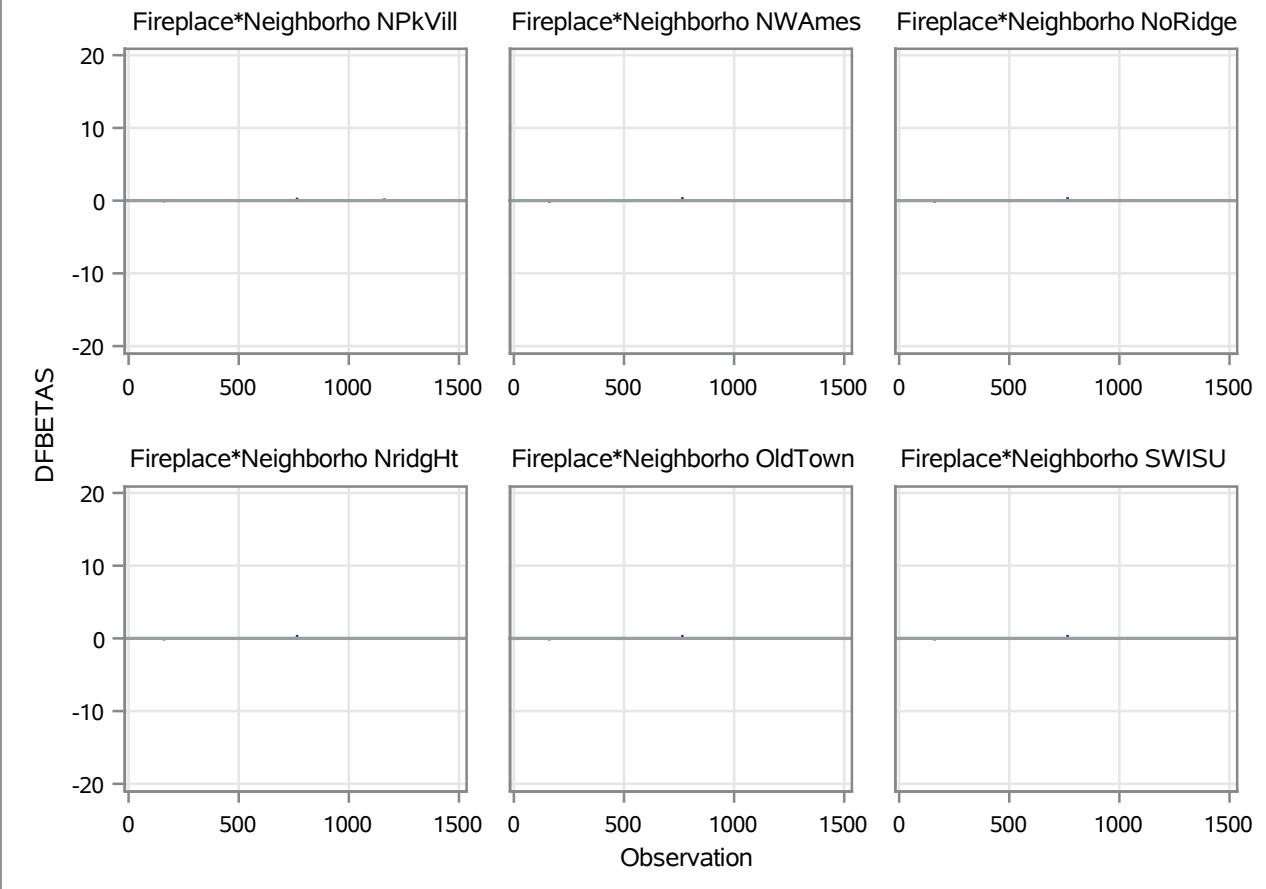
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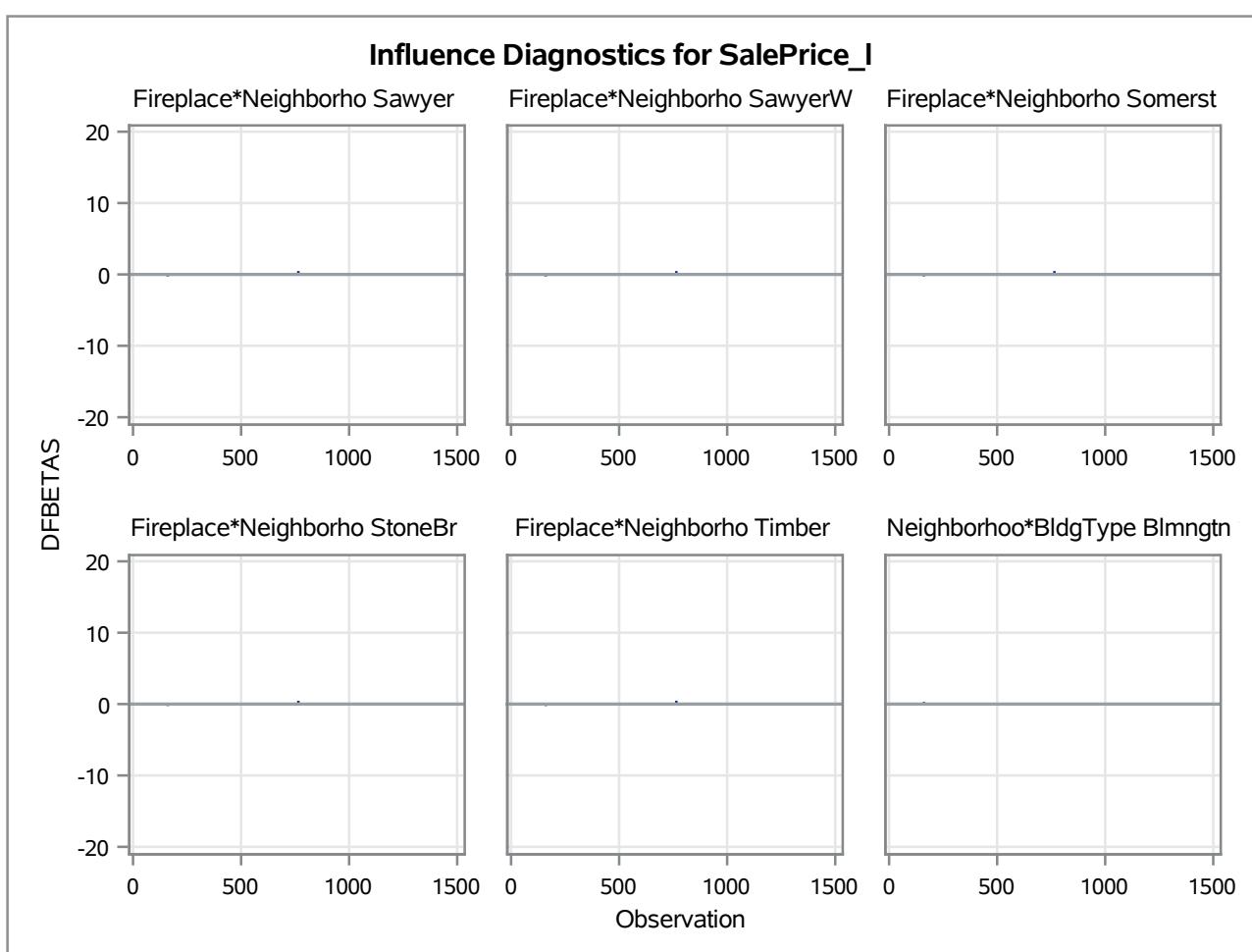
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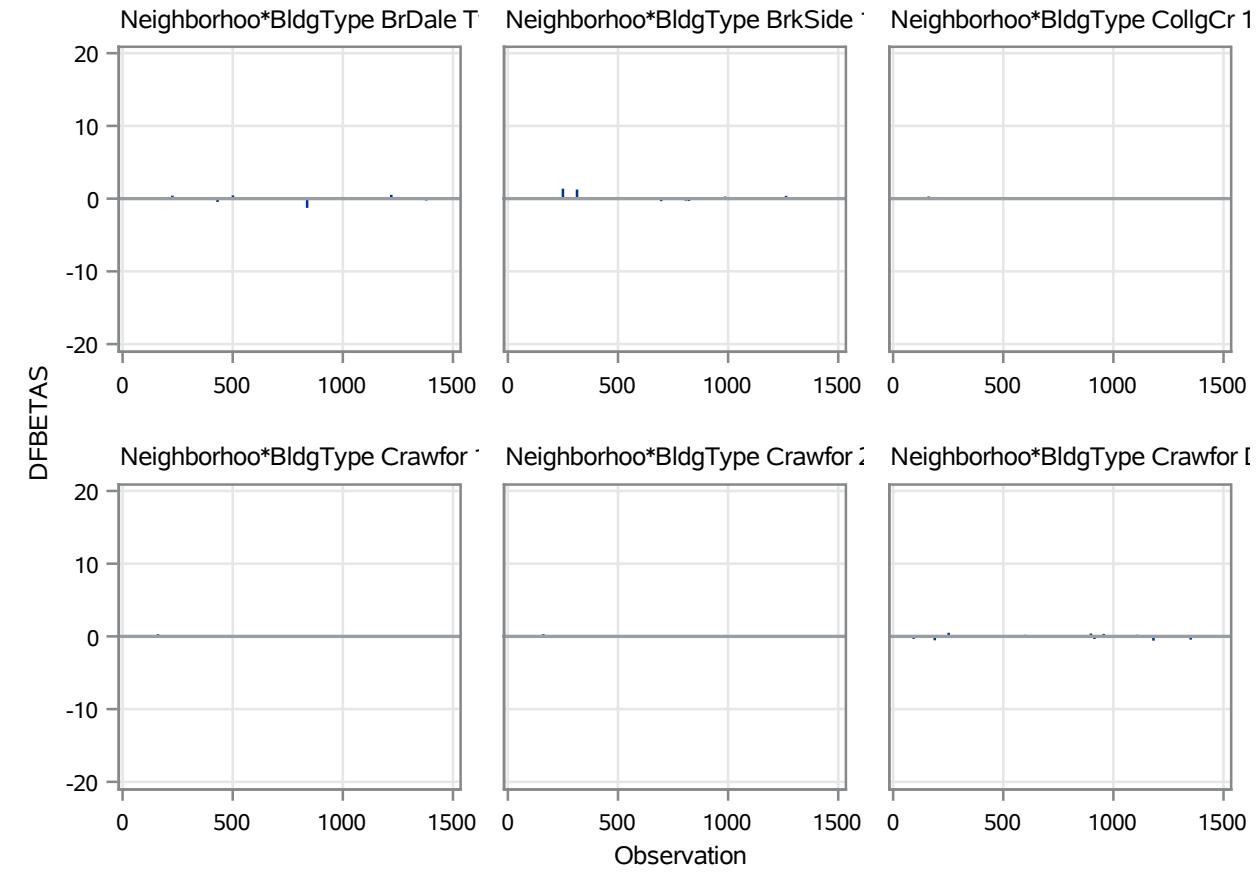
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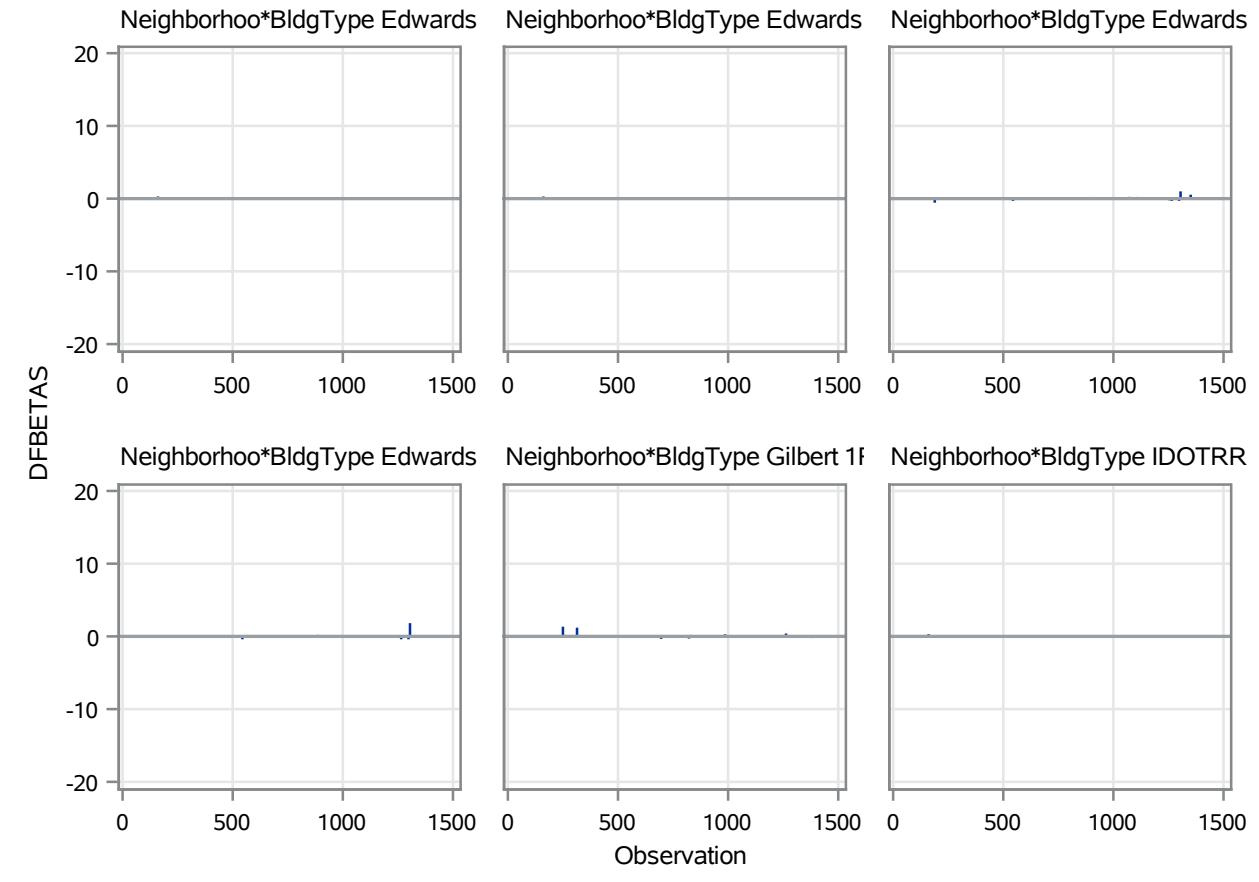
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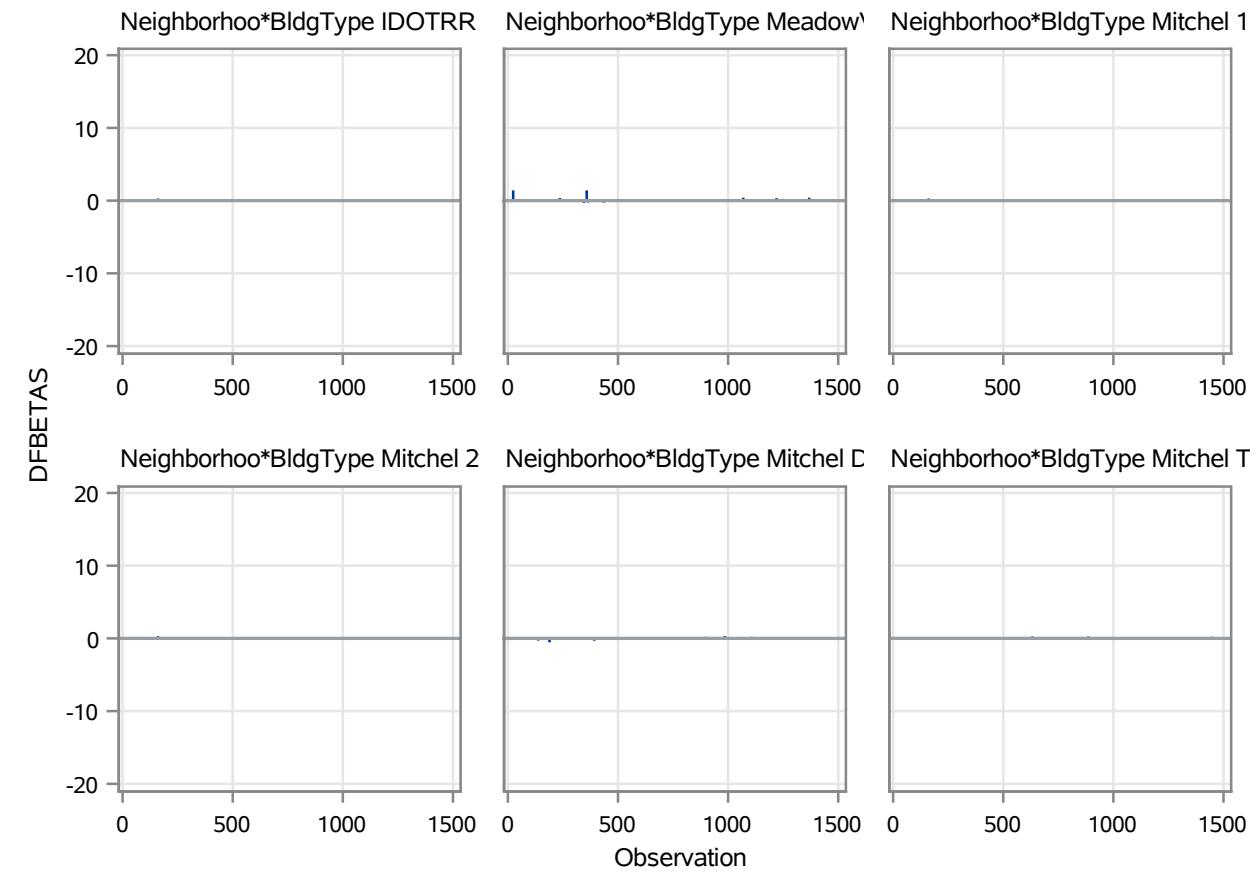
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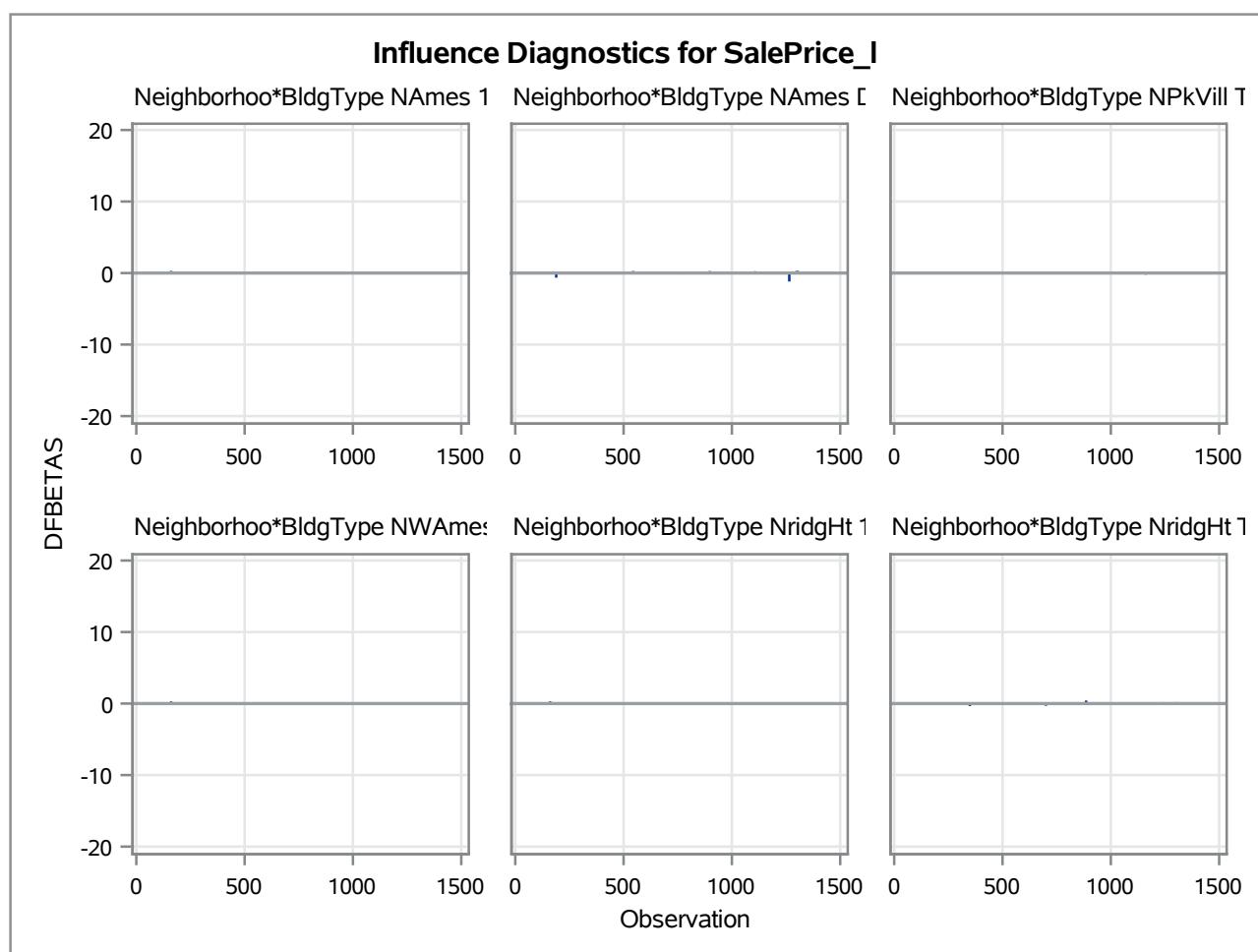
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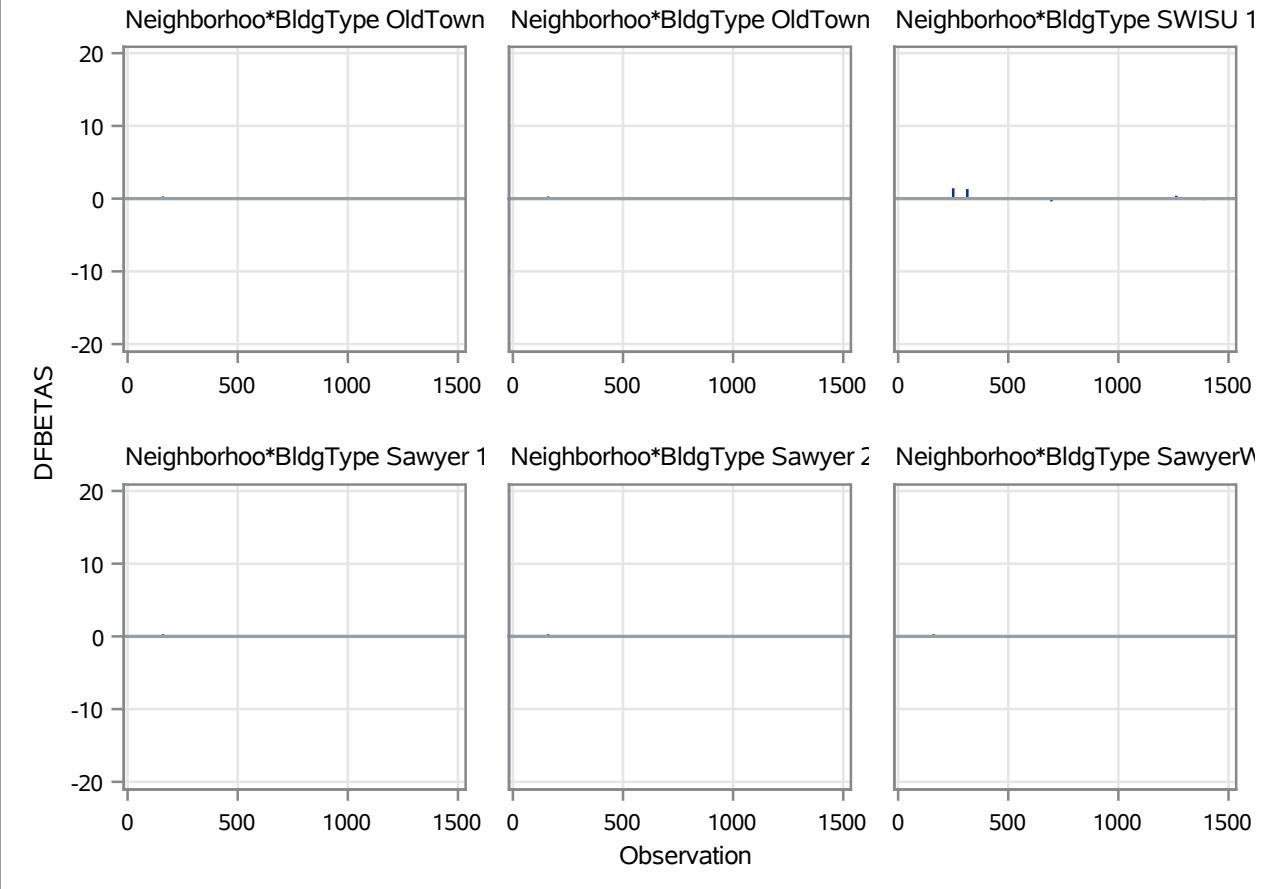
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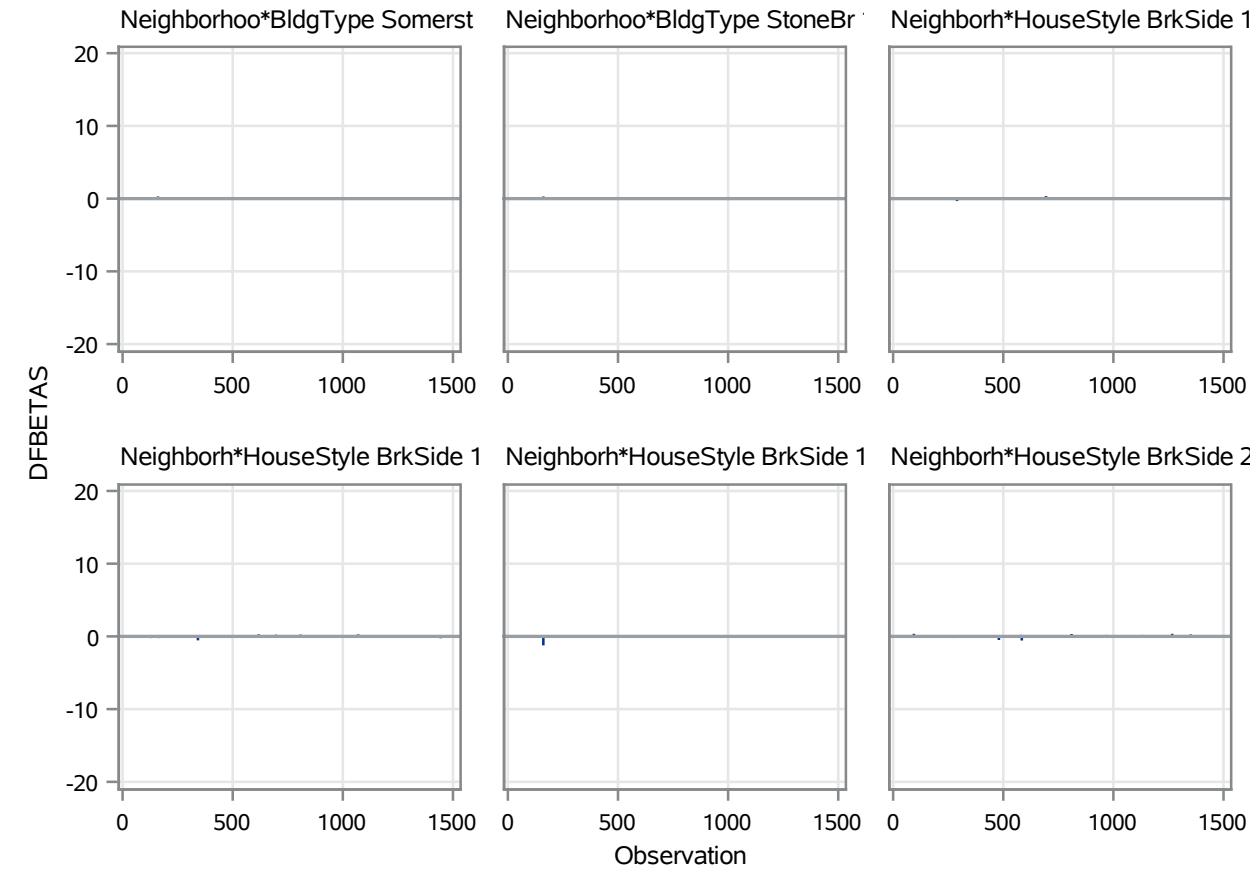
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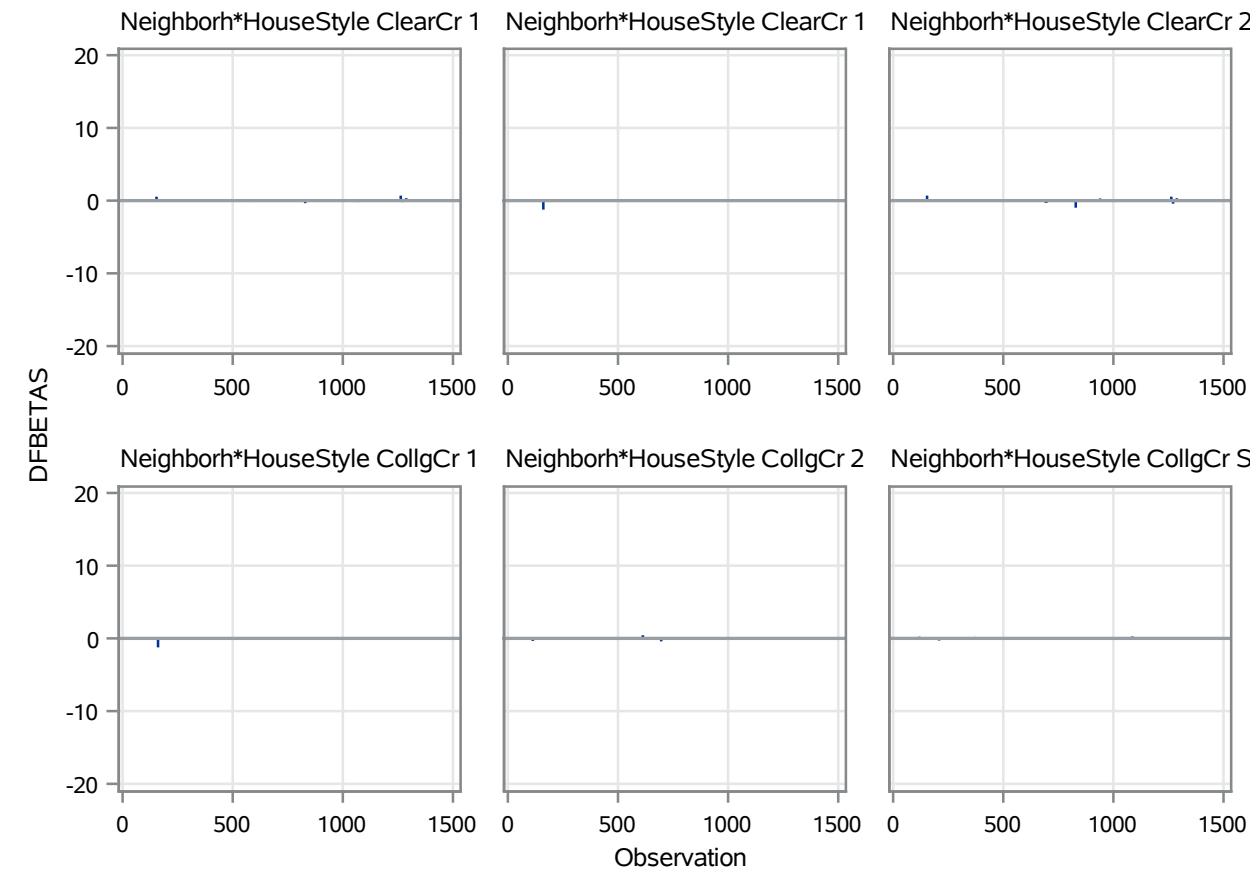
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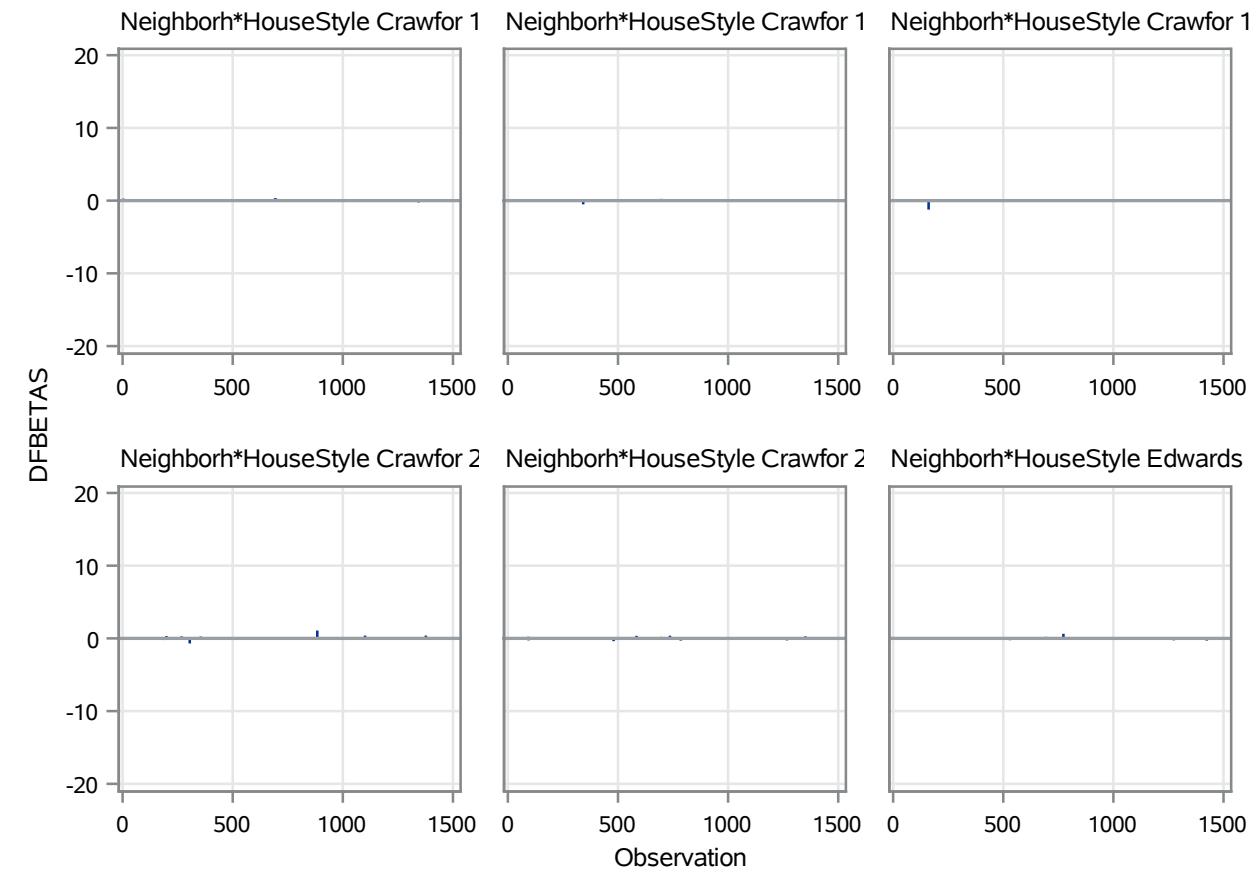
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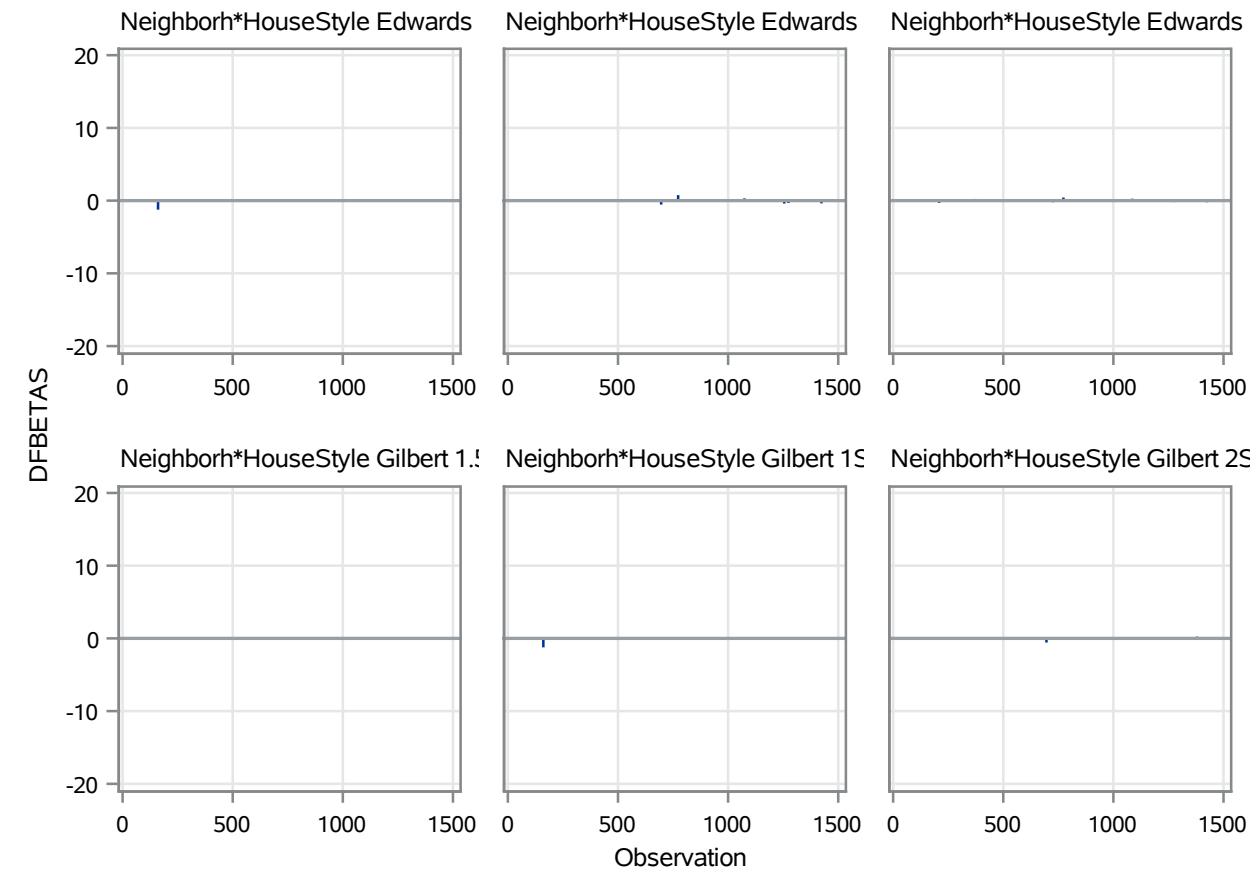
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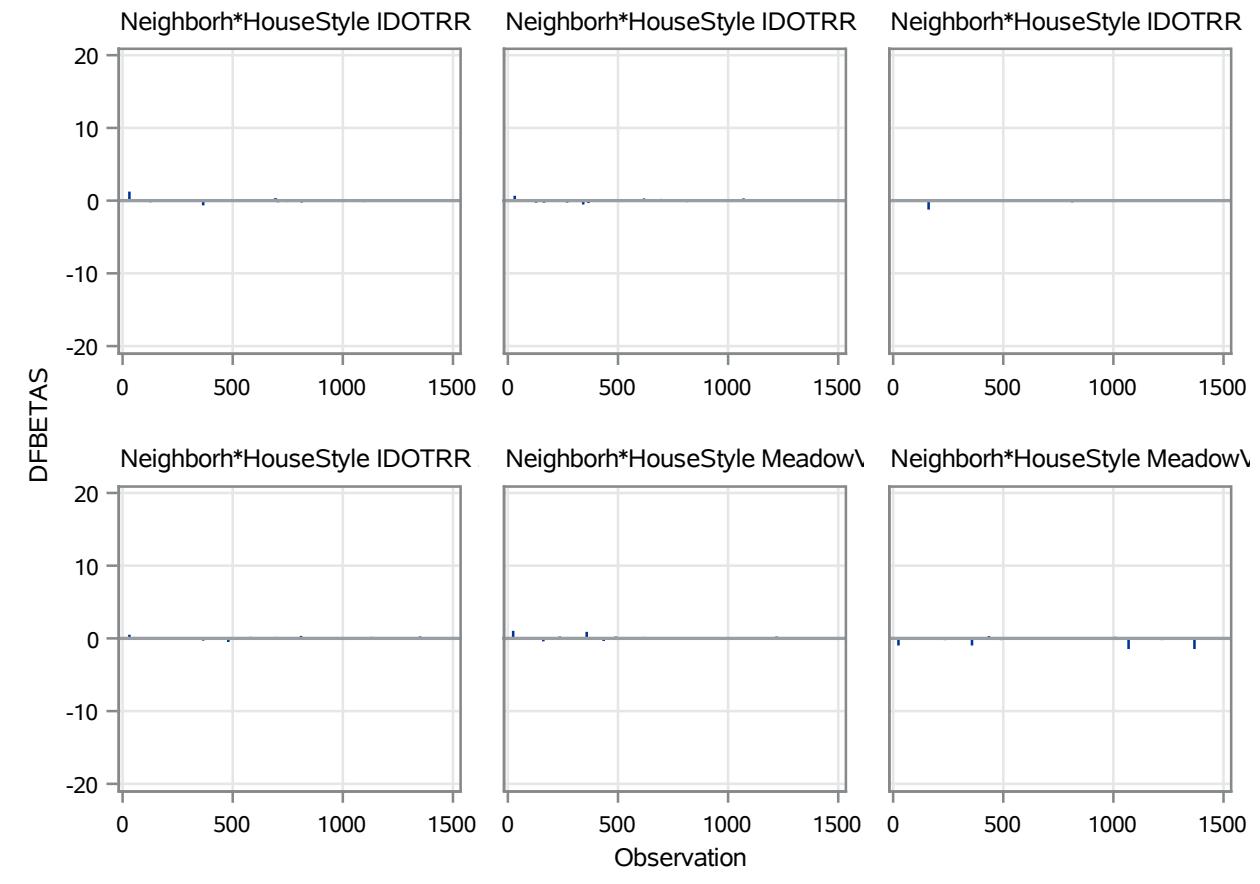
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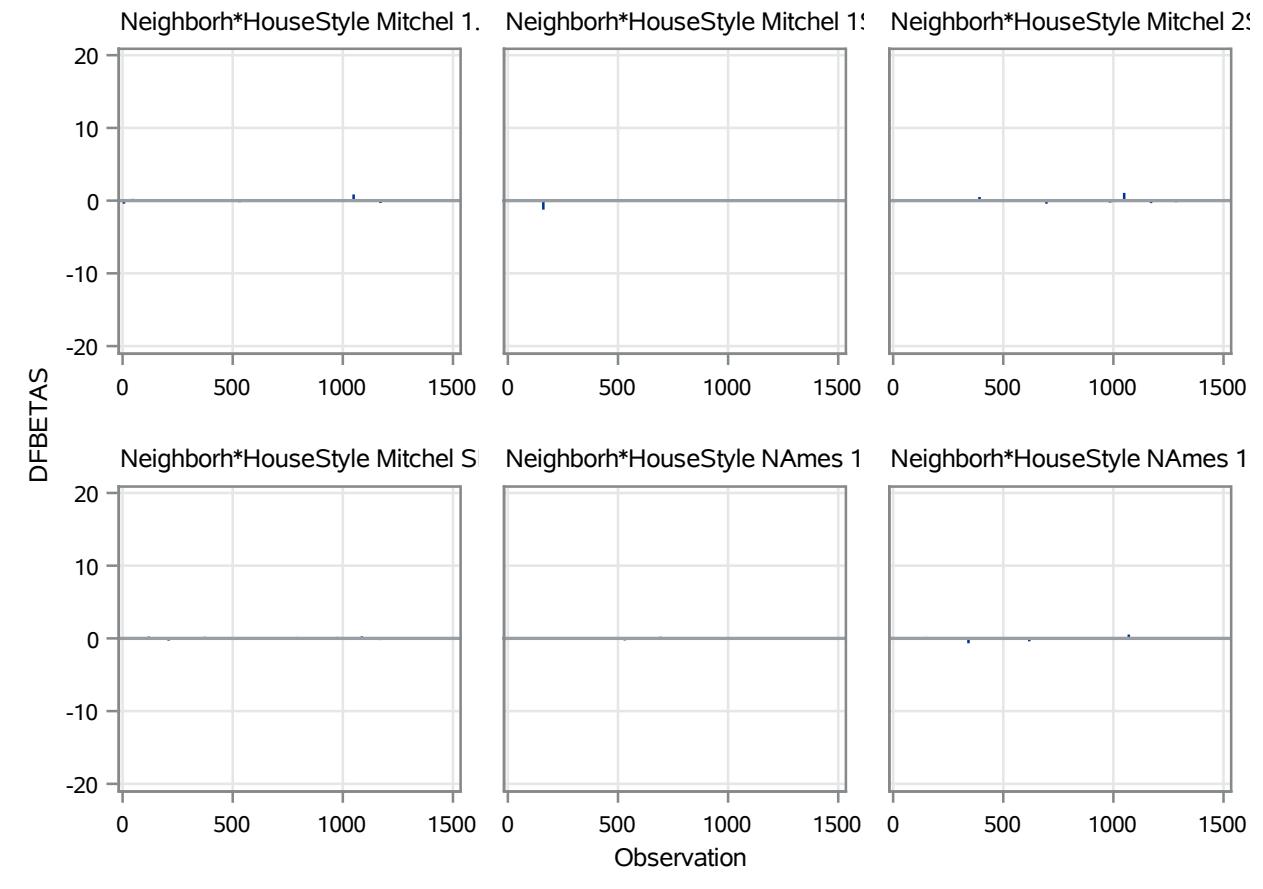
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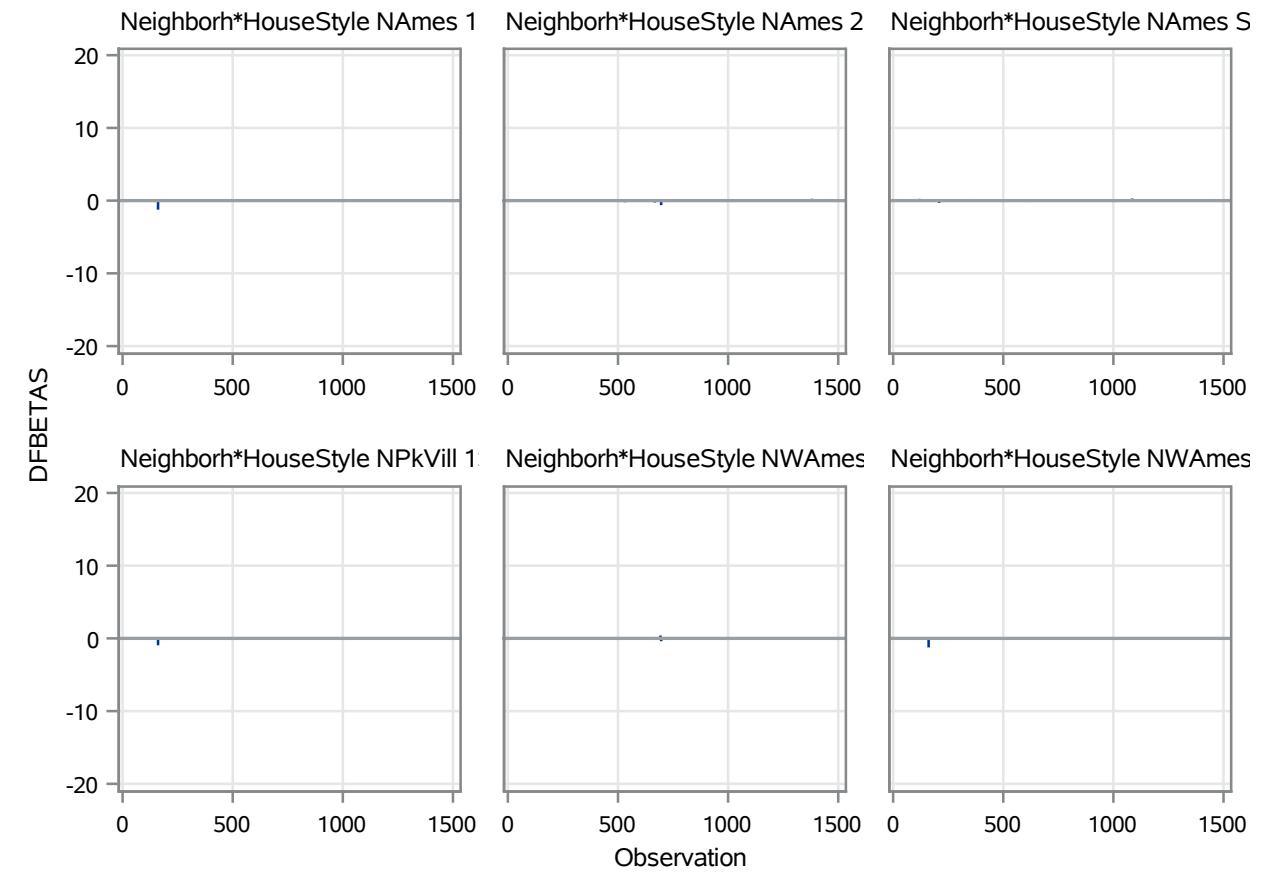
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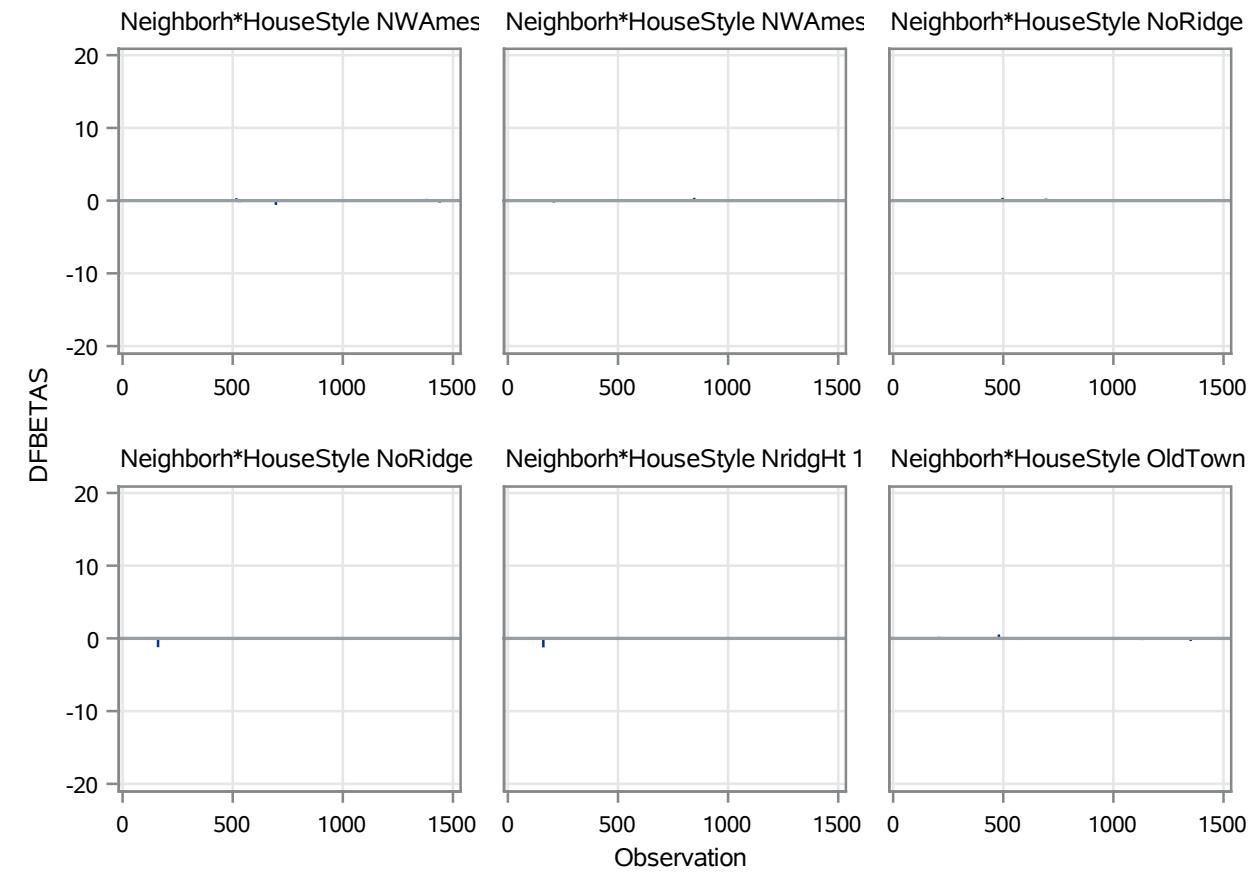
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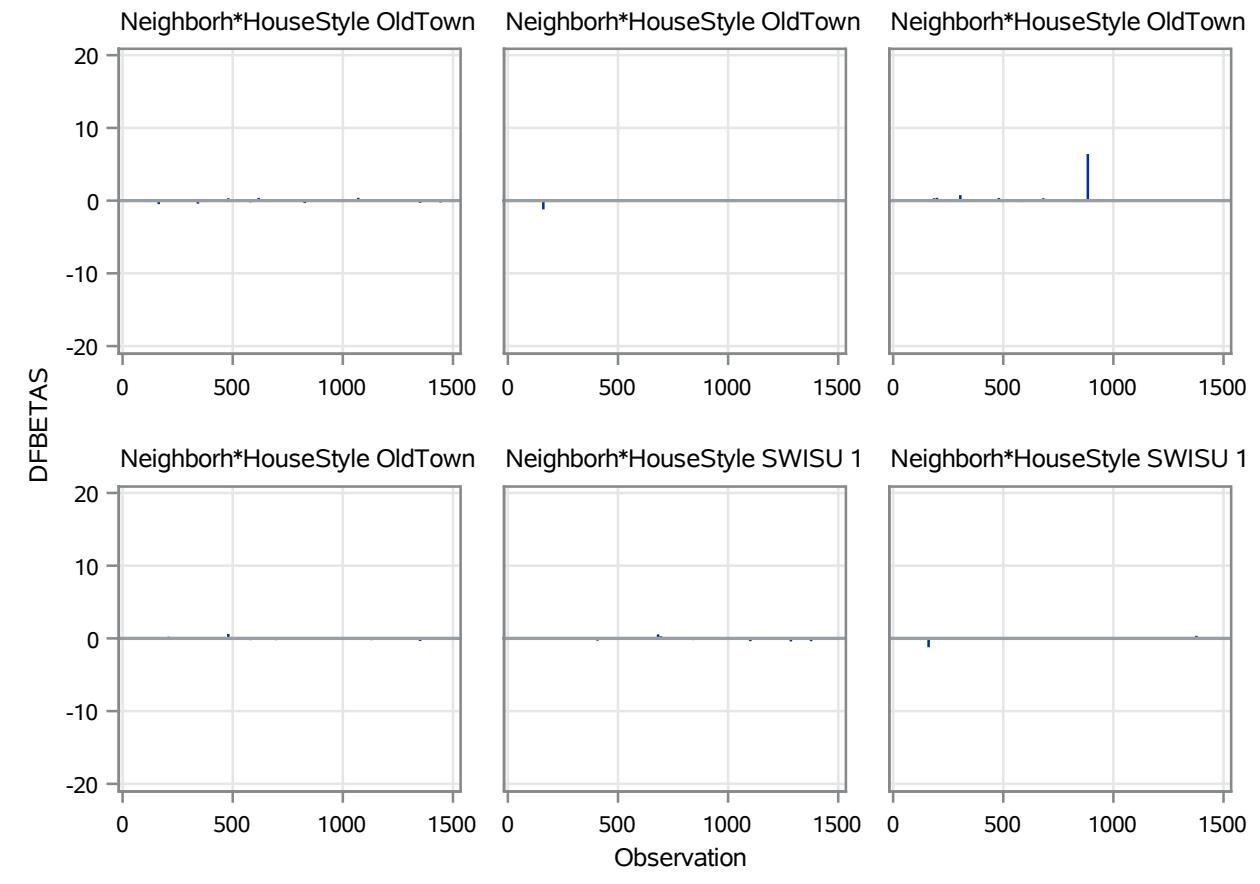
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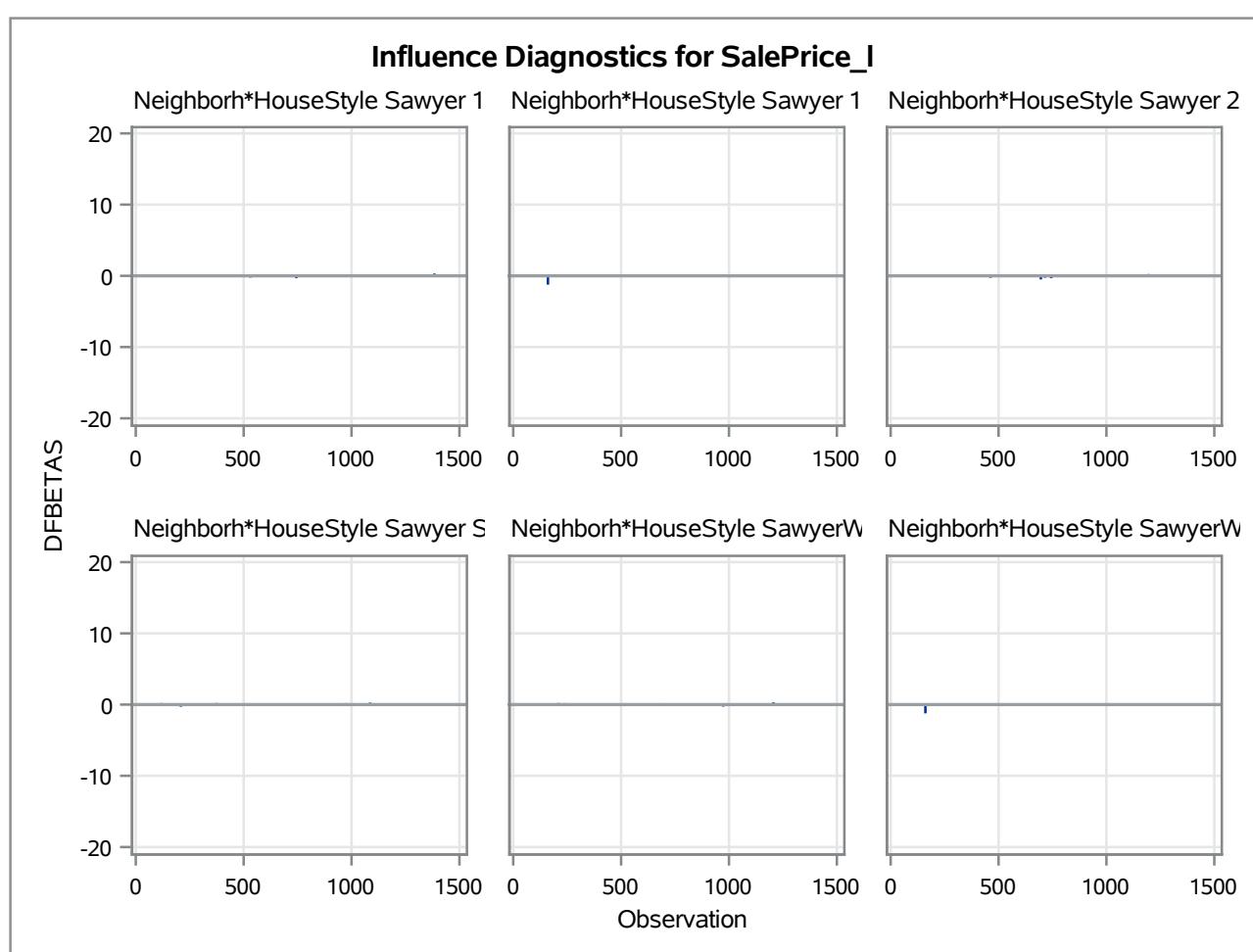
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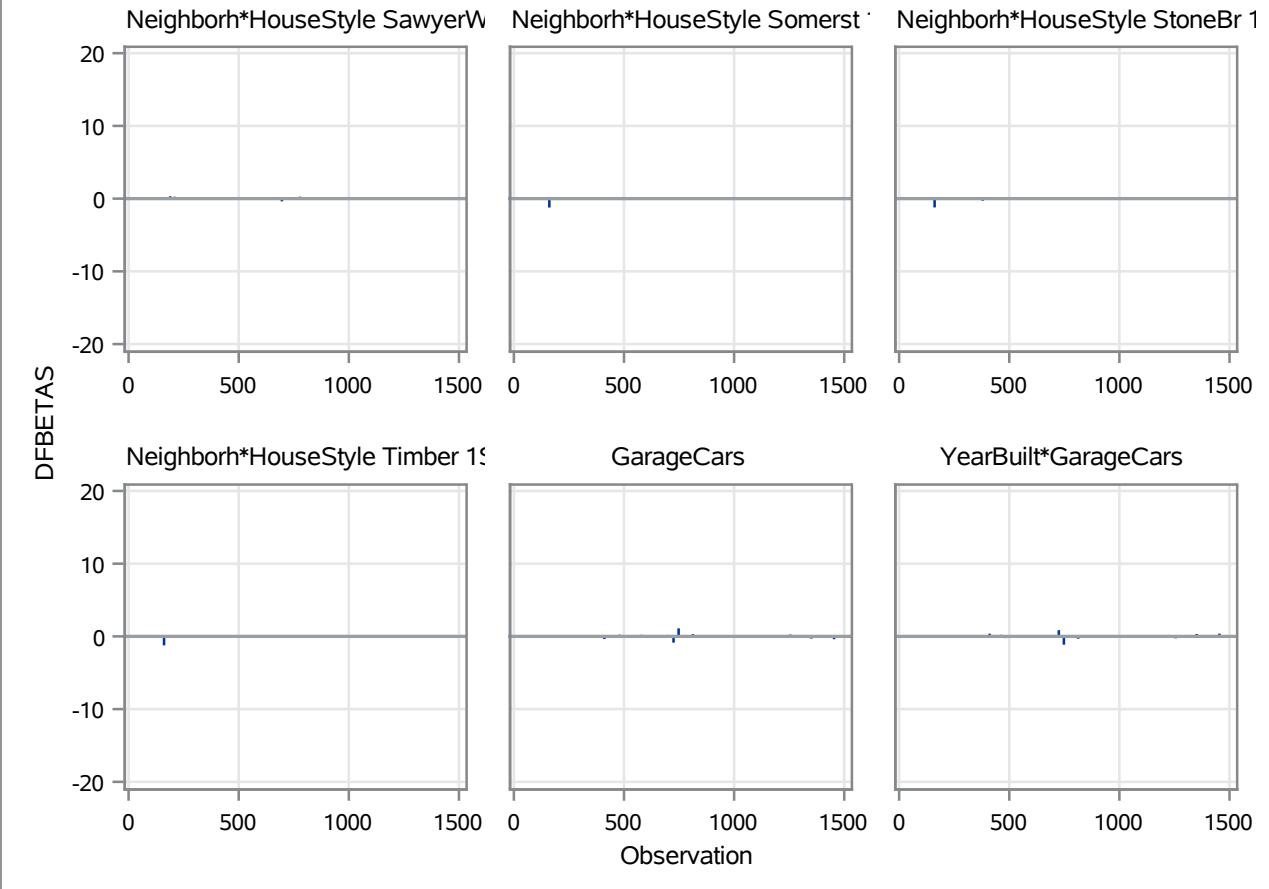
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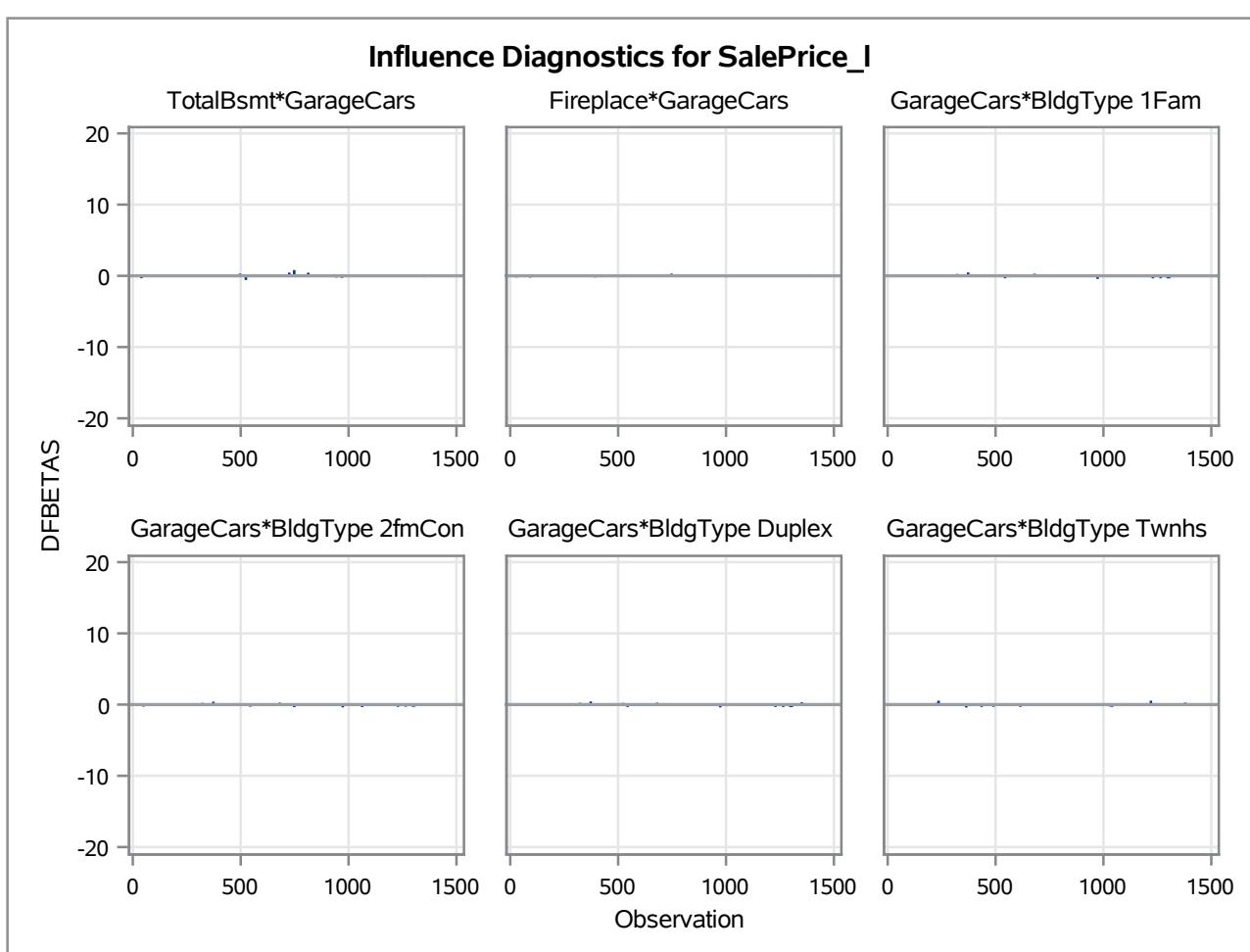
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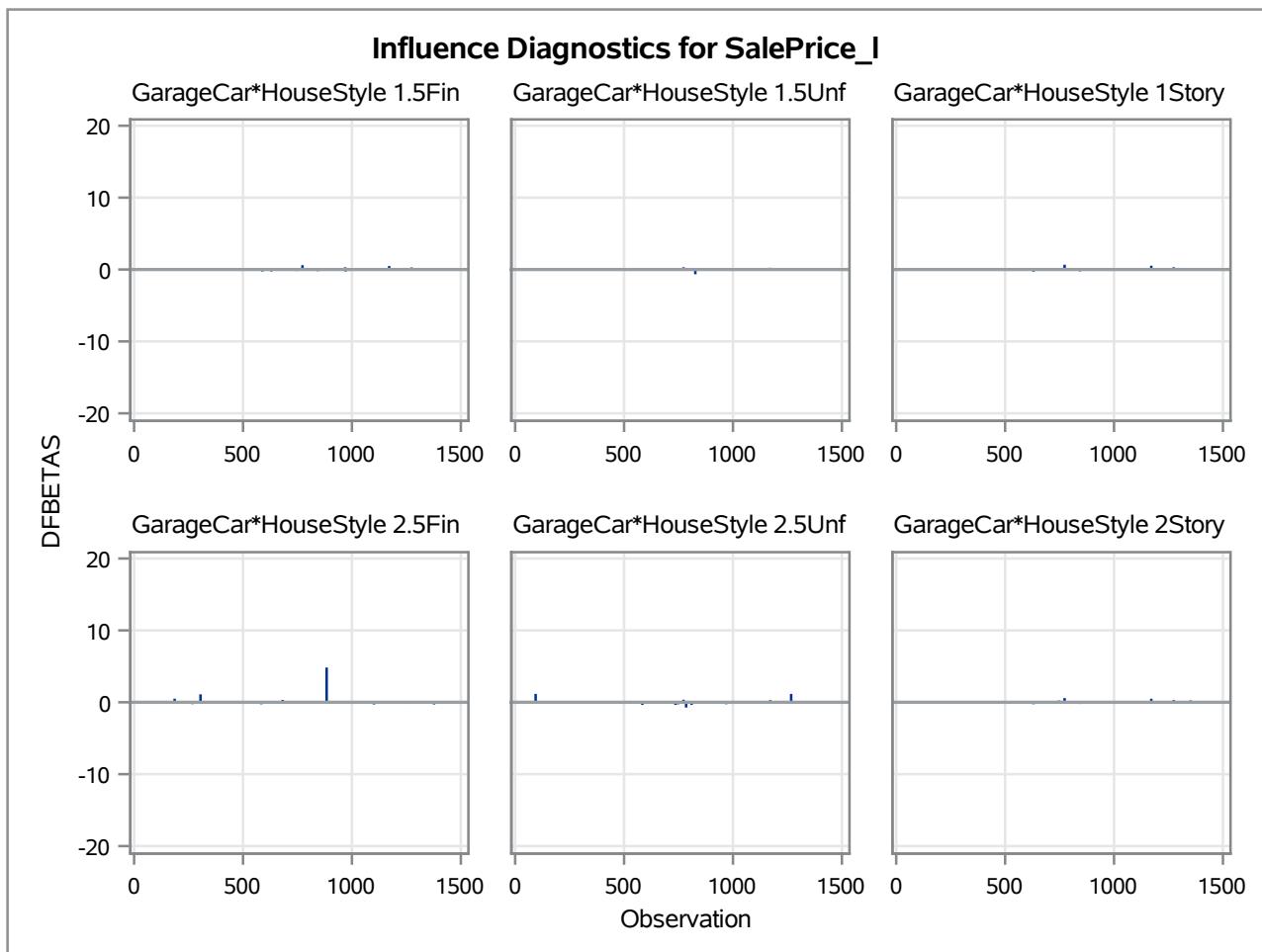
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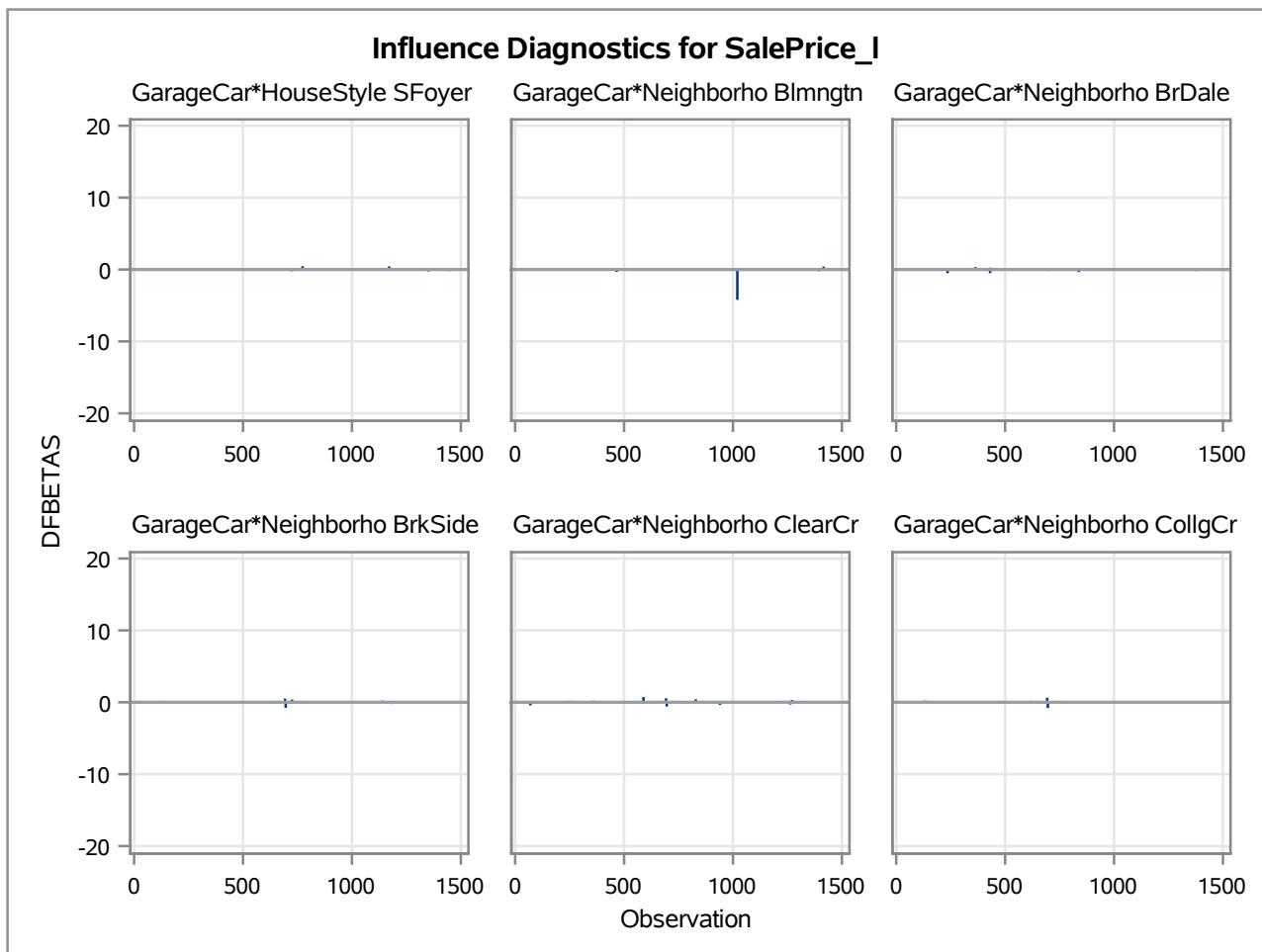
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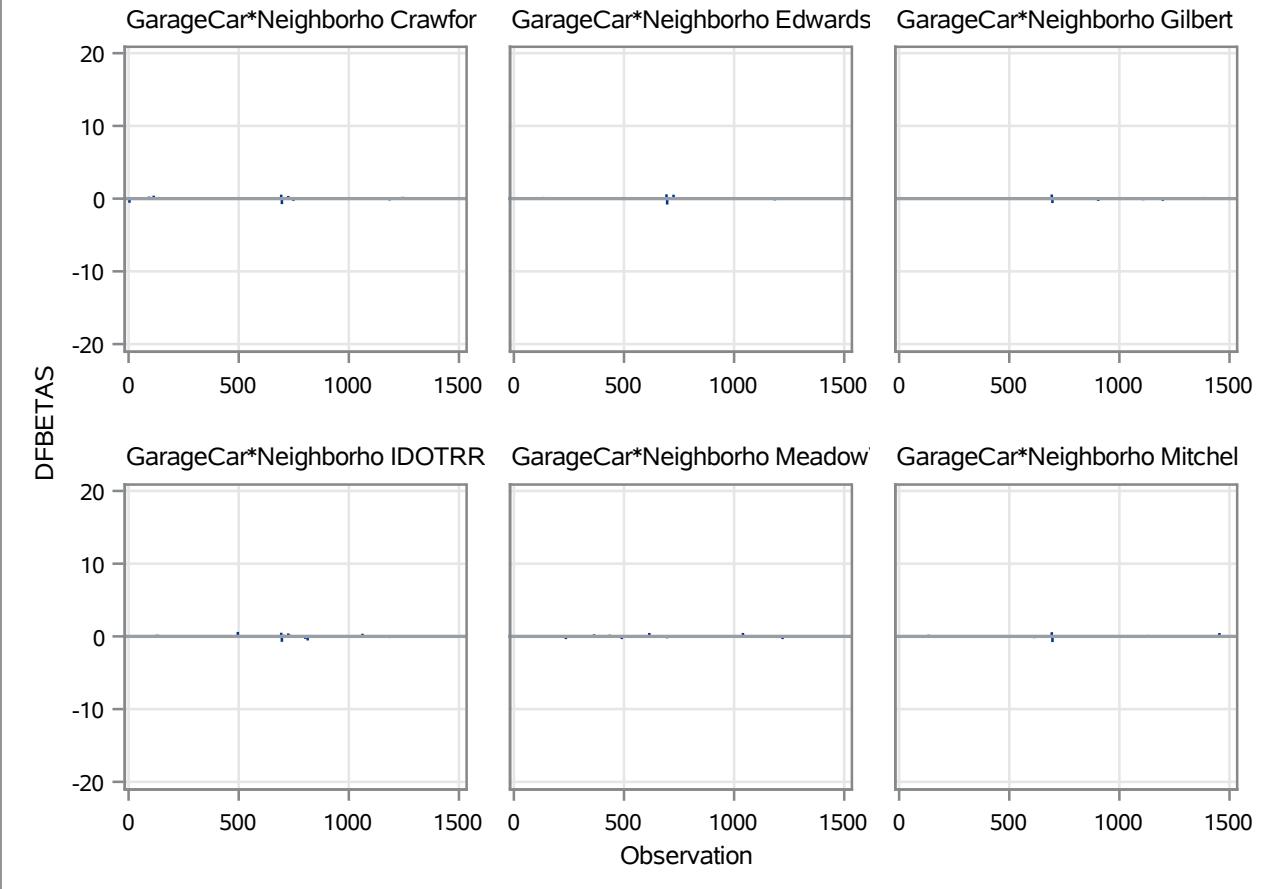
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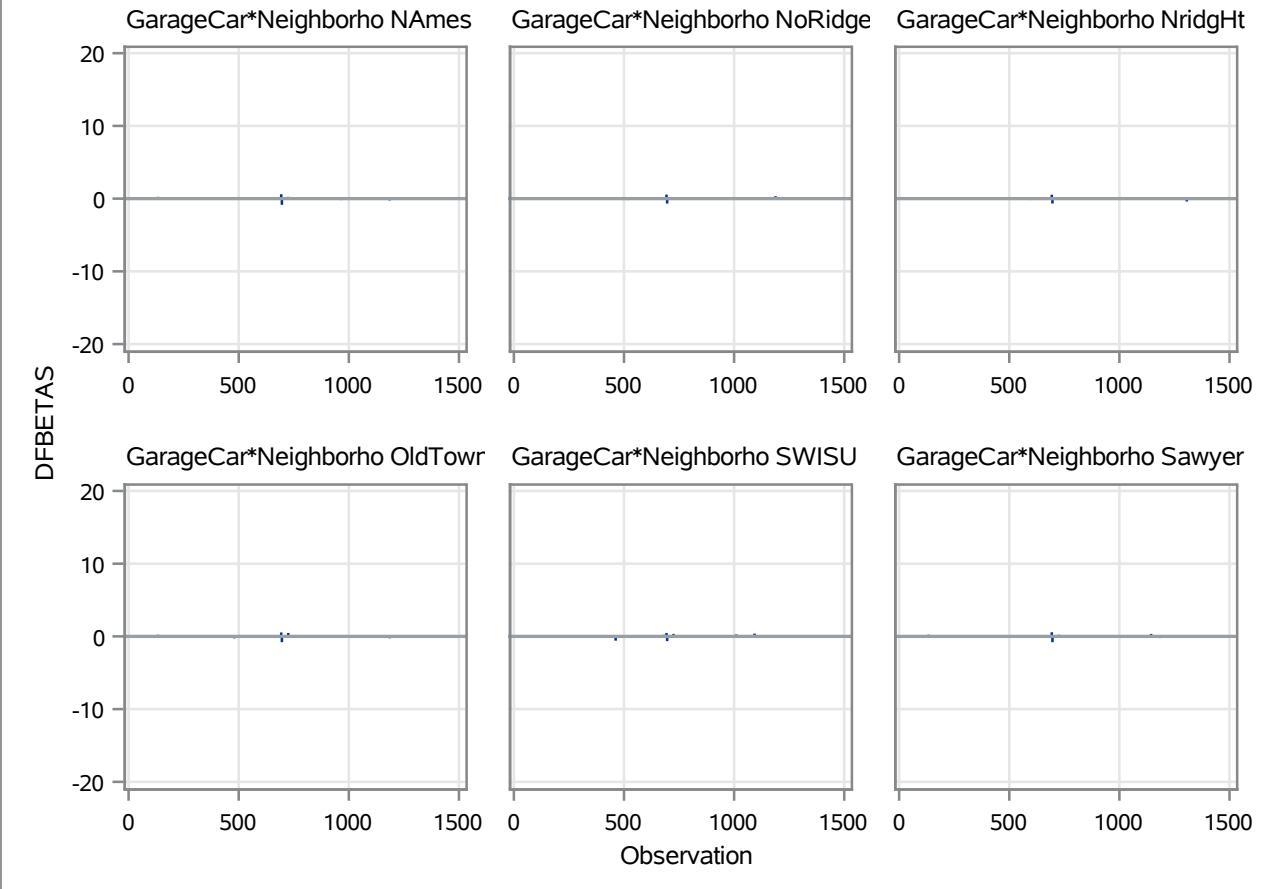
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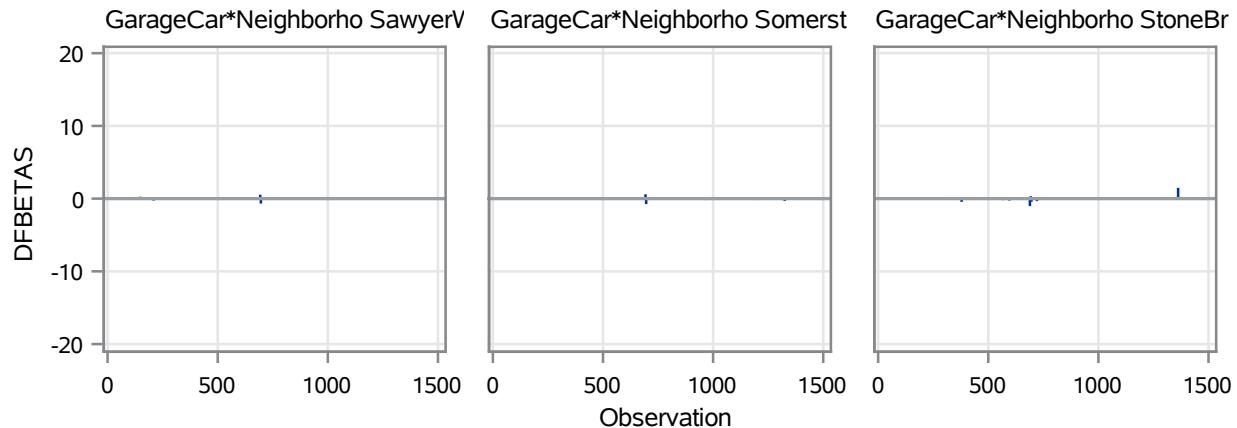
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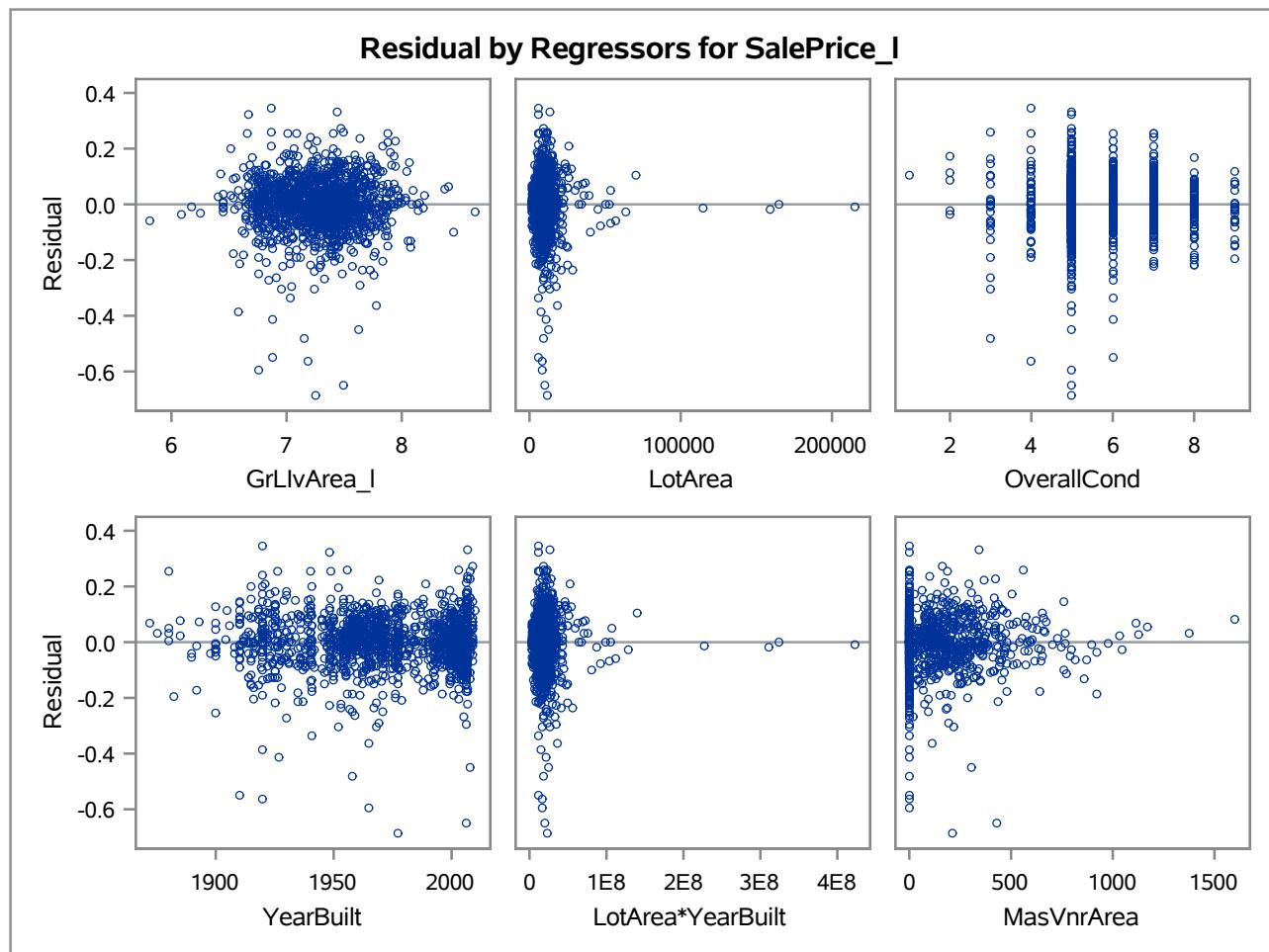
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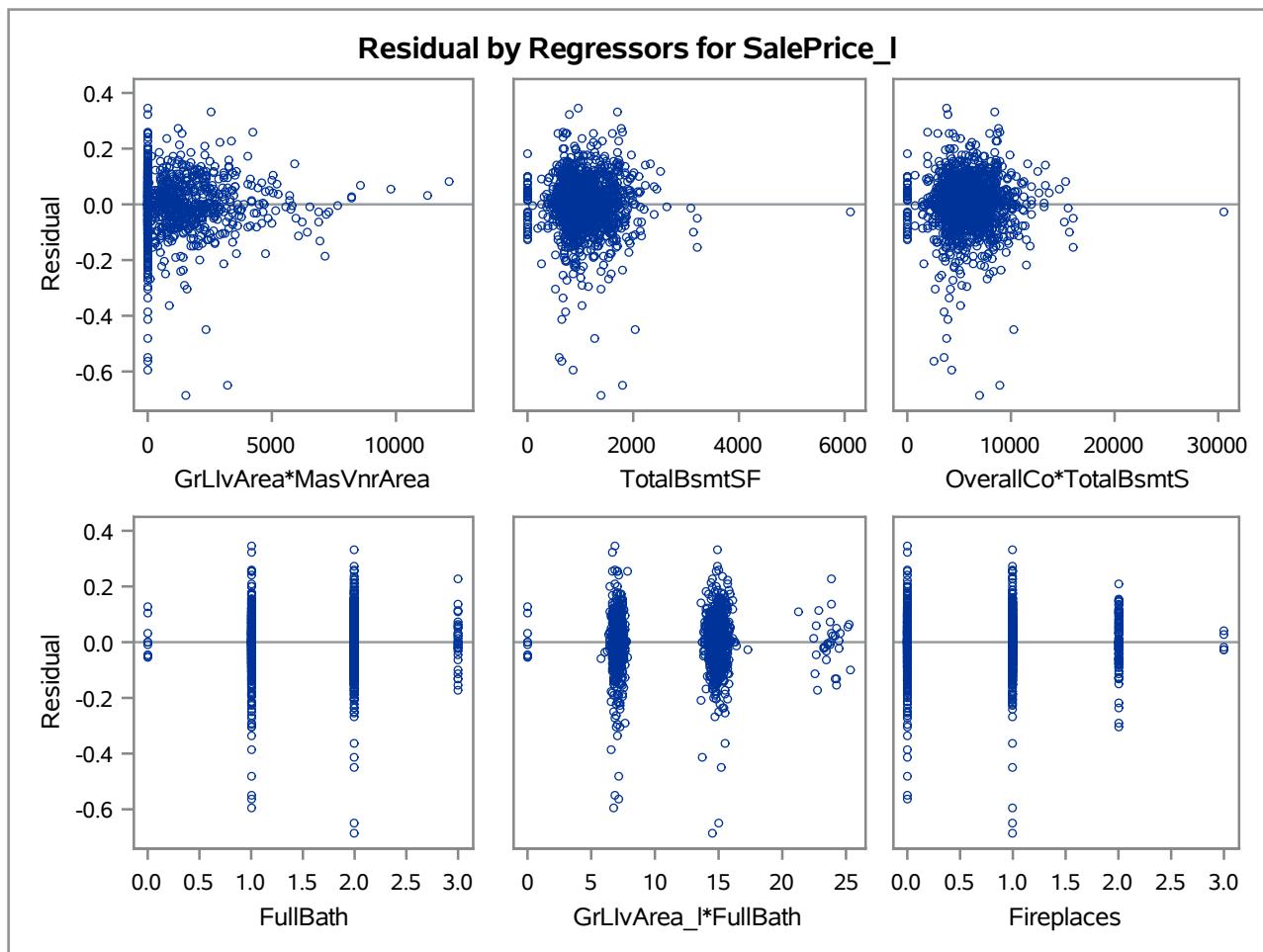
Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

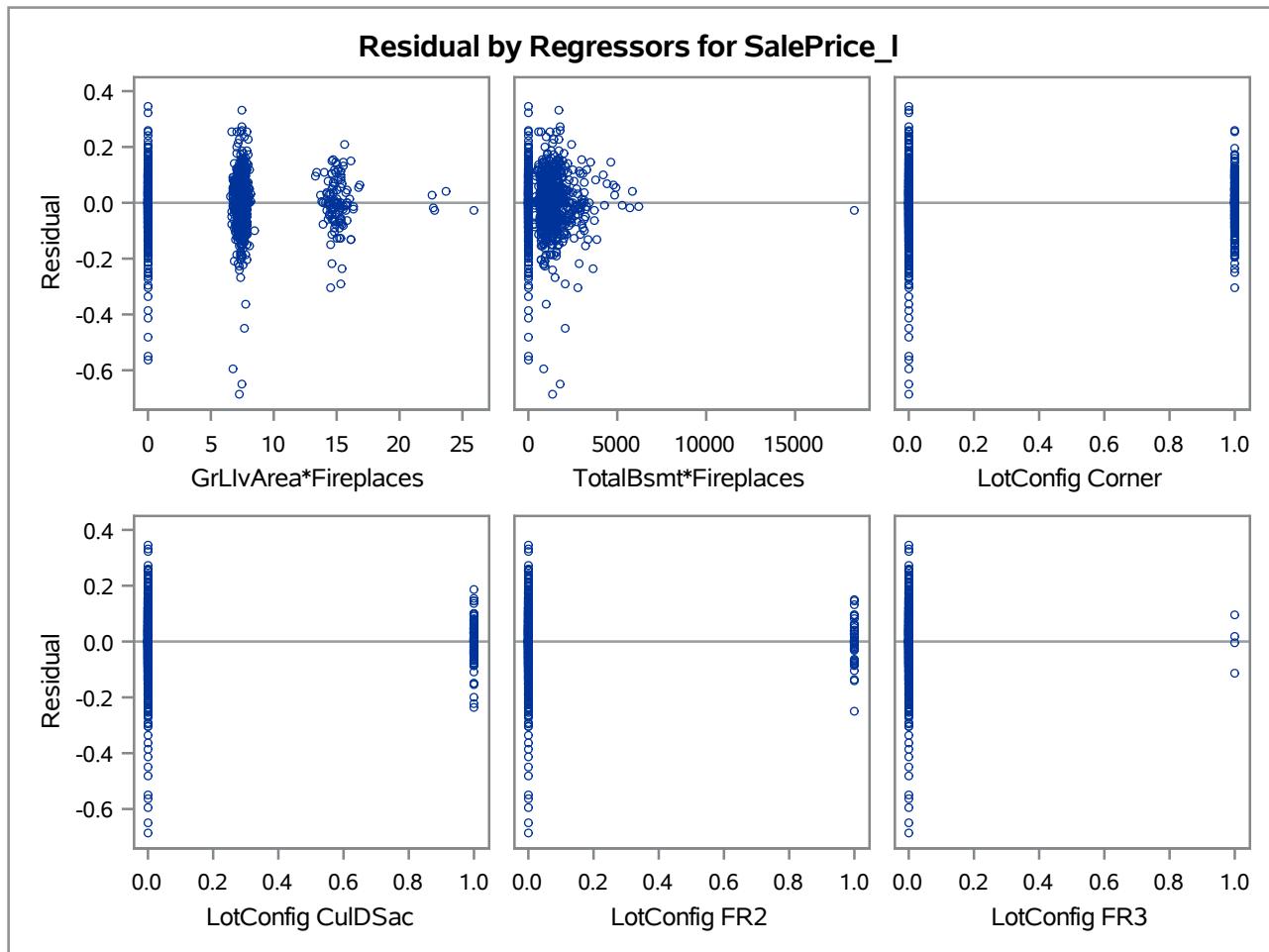


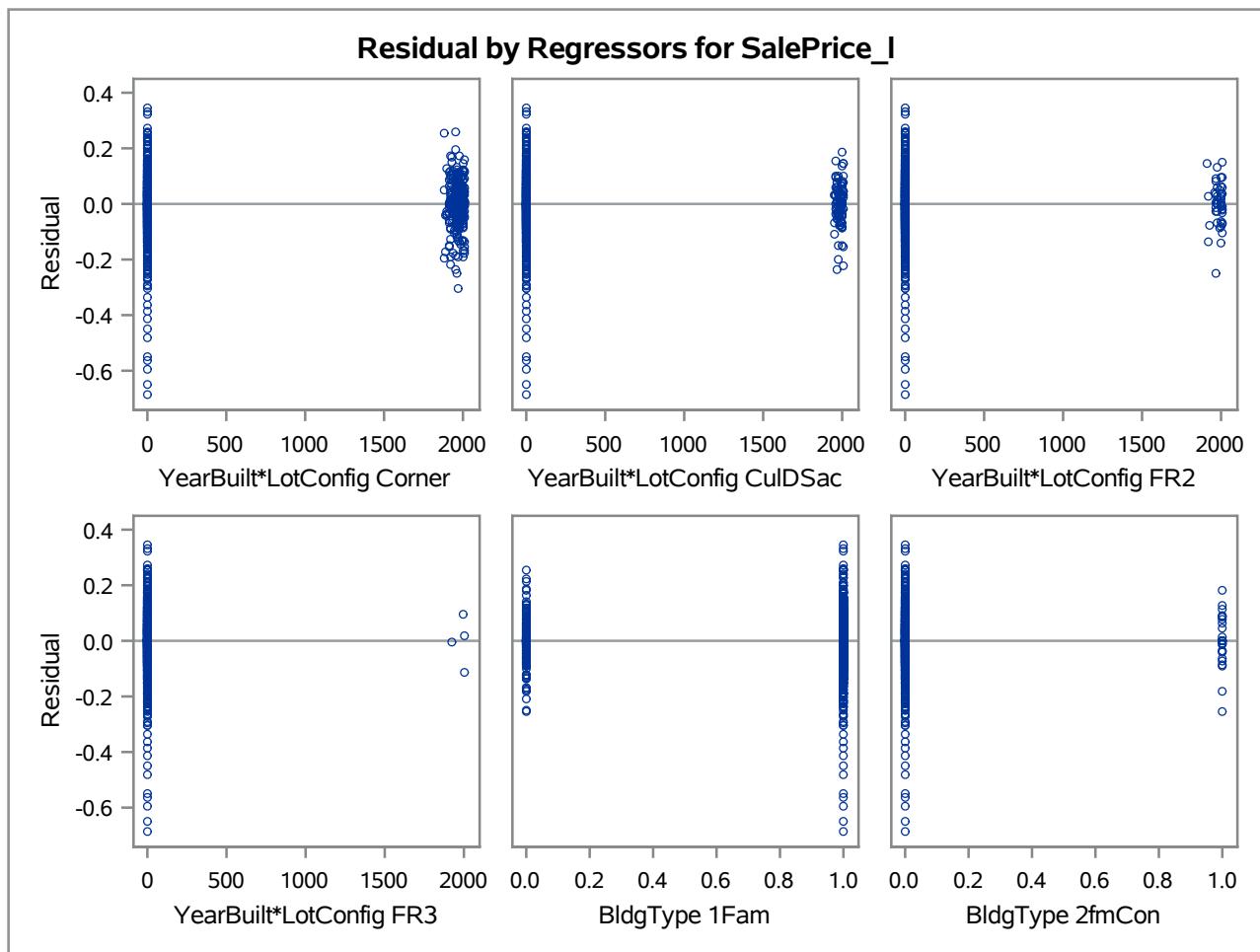
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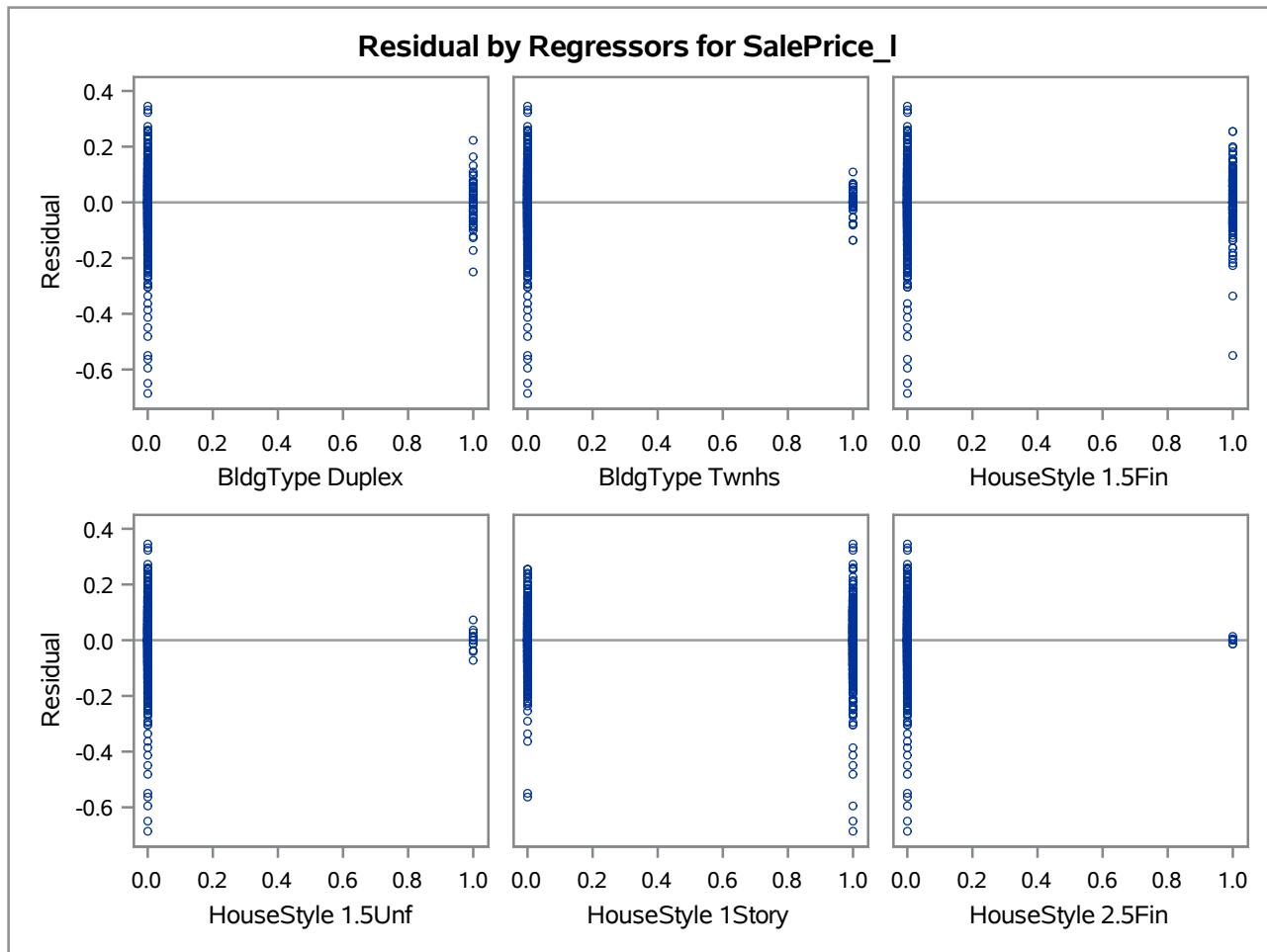
The REG Procedure

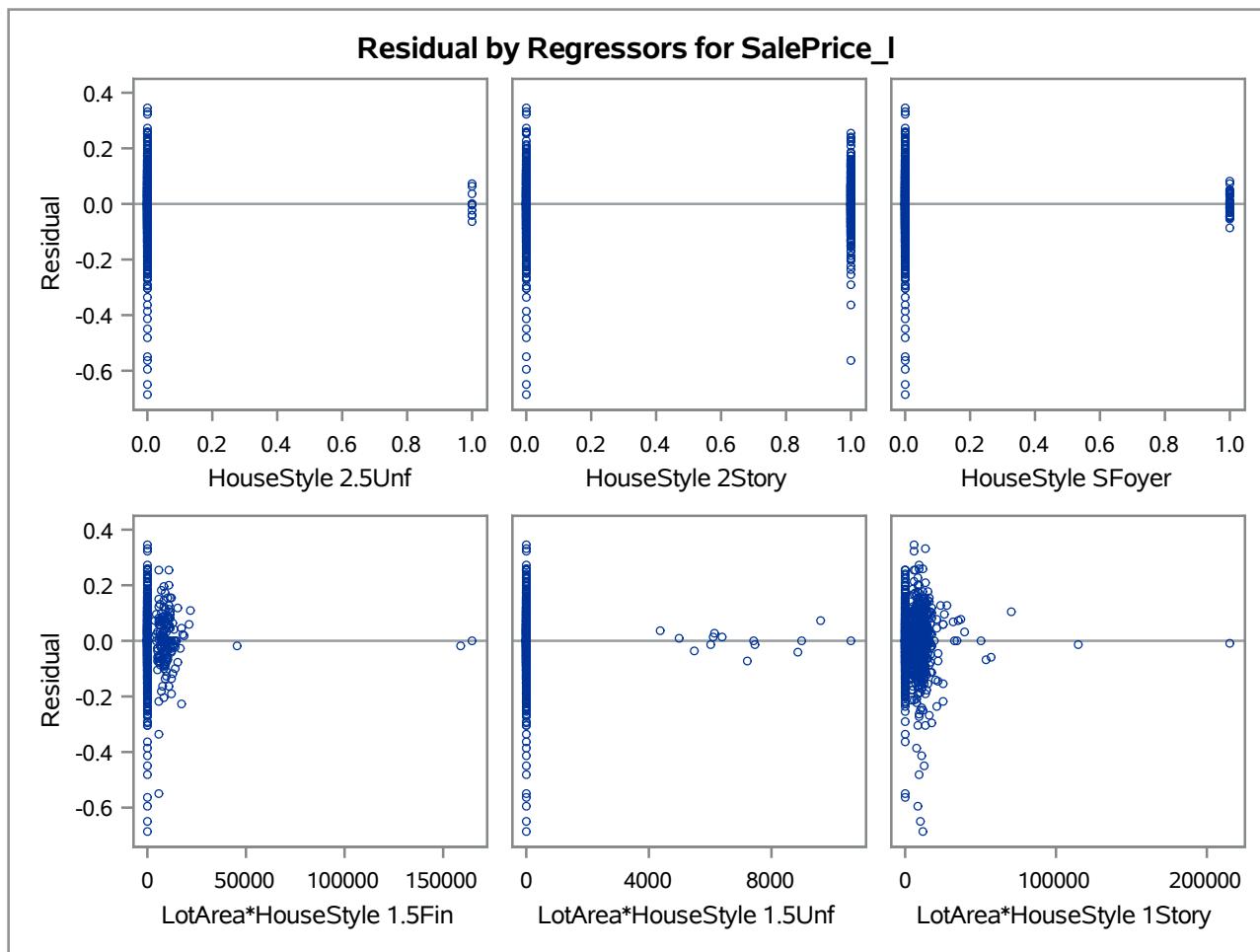
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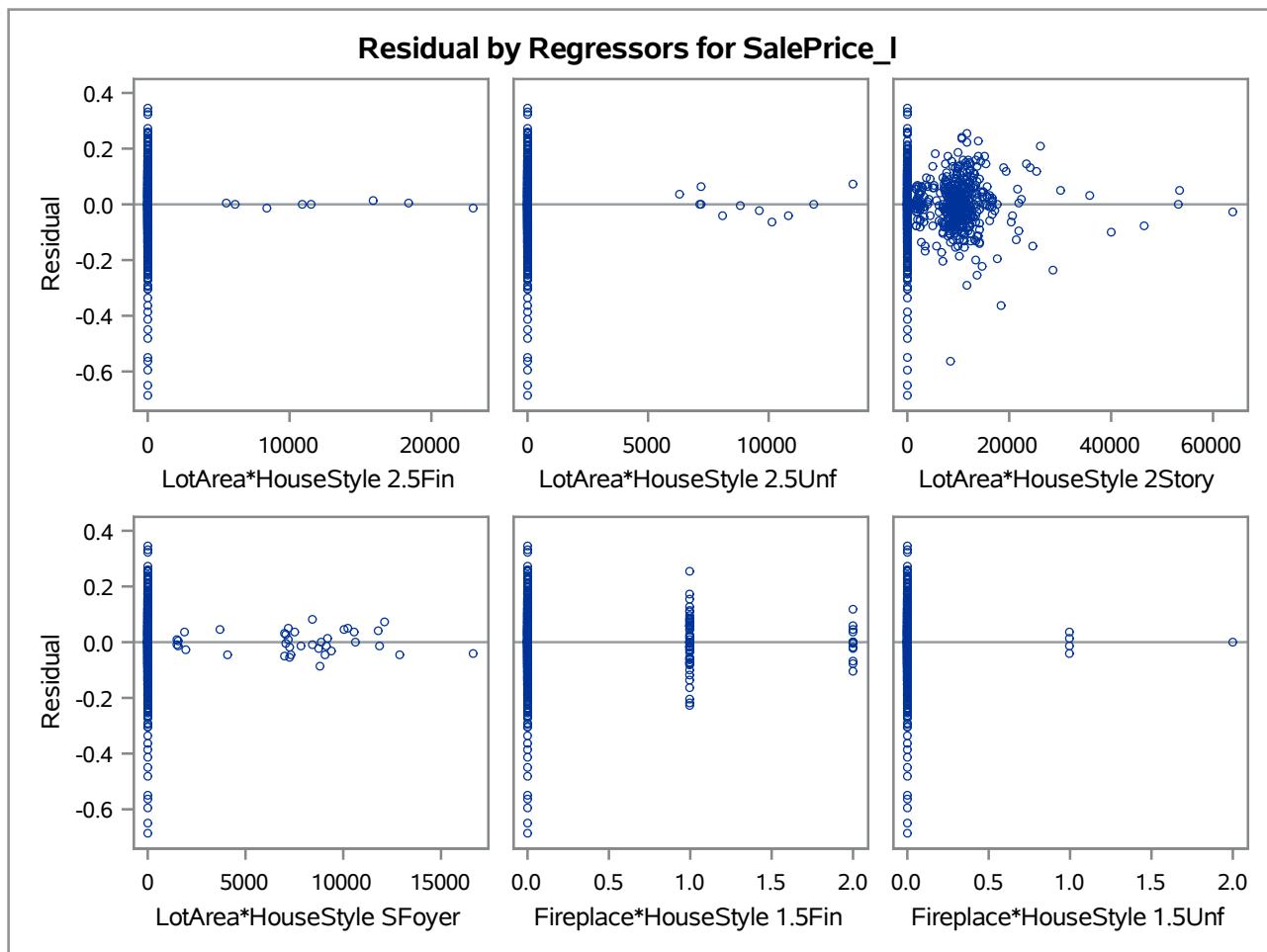
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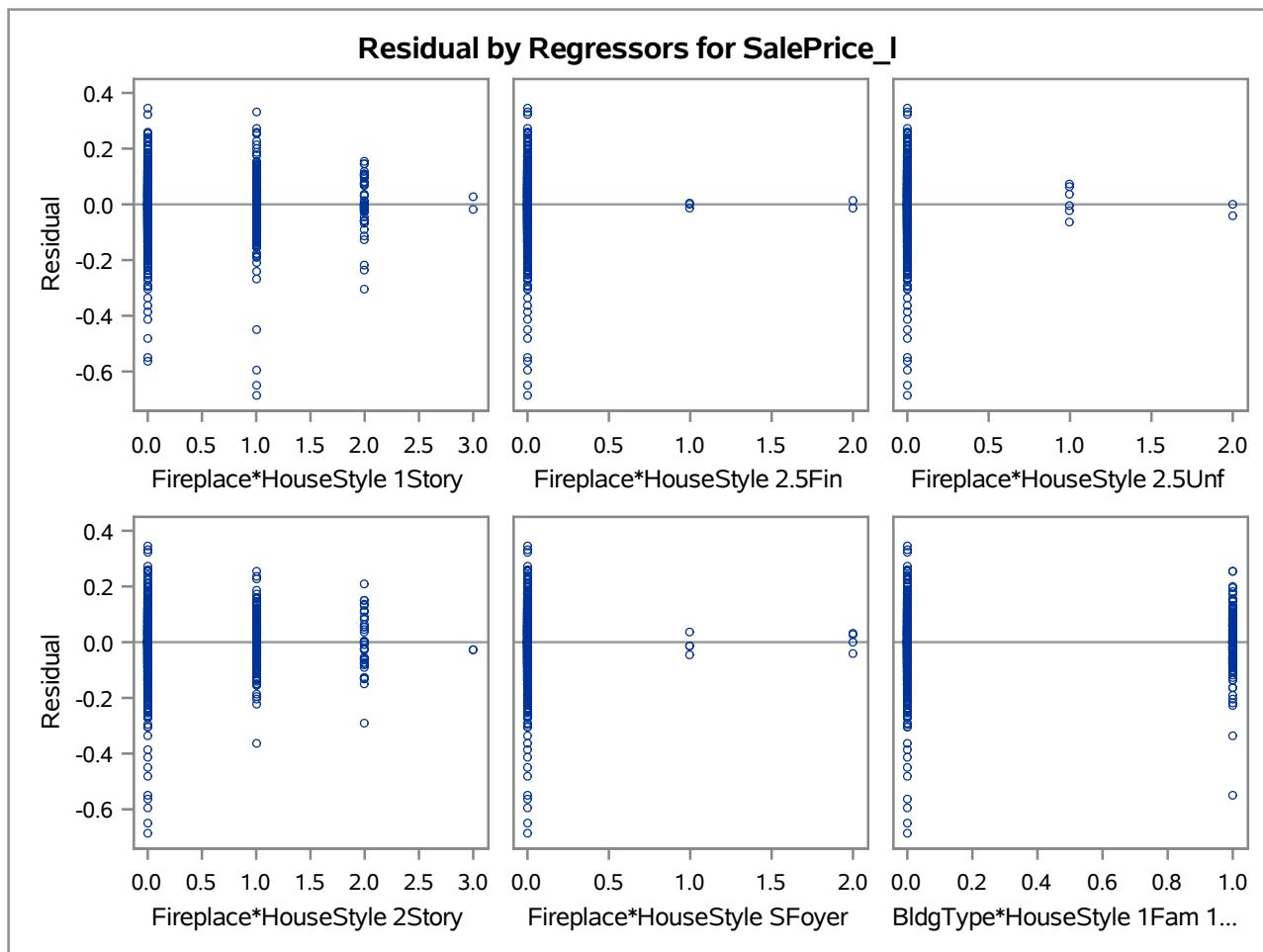
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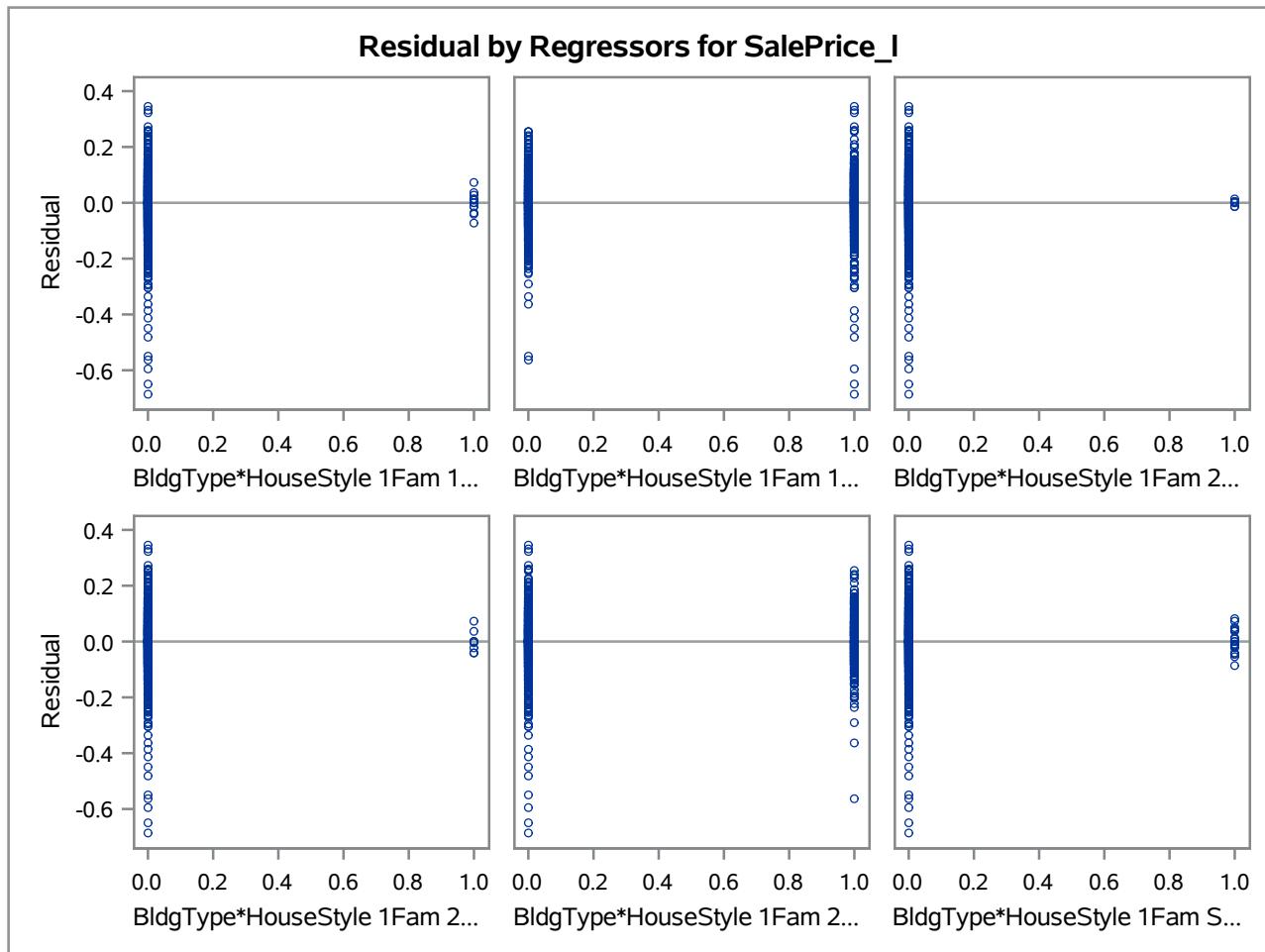
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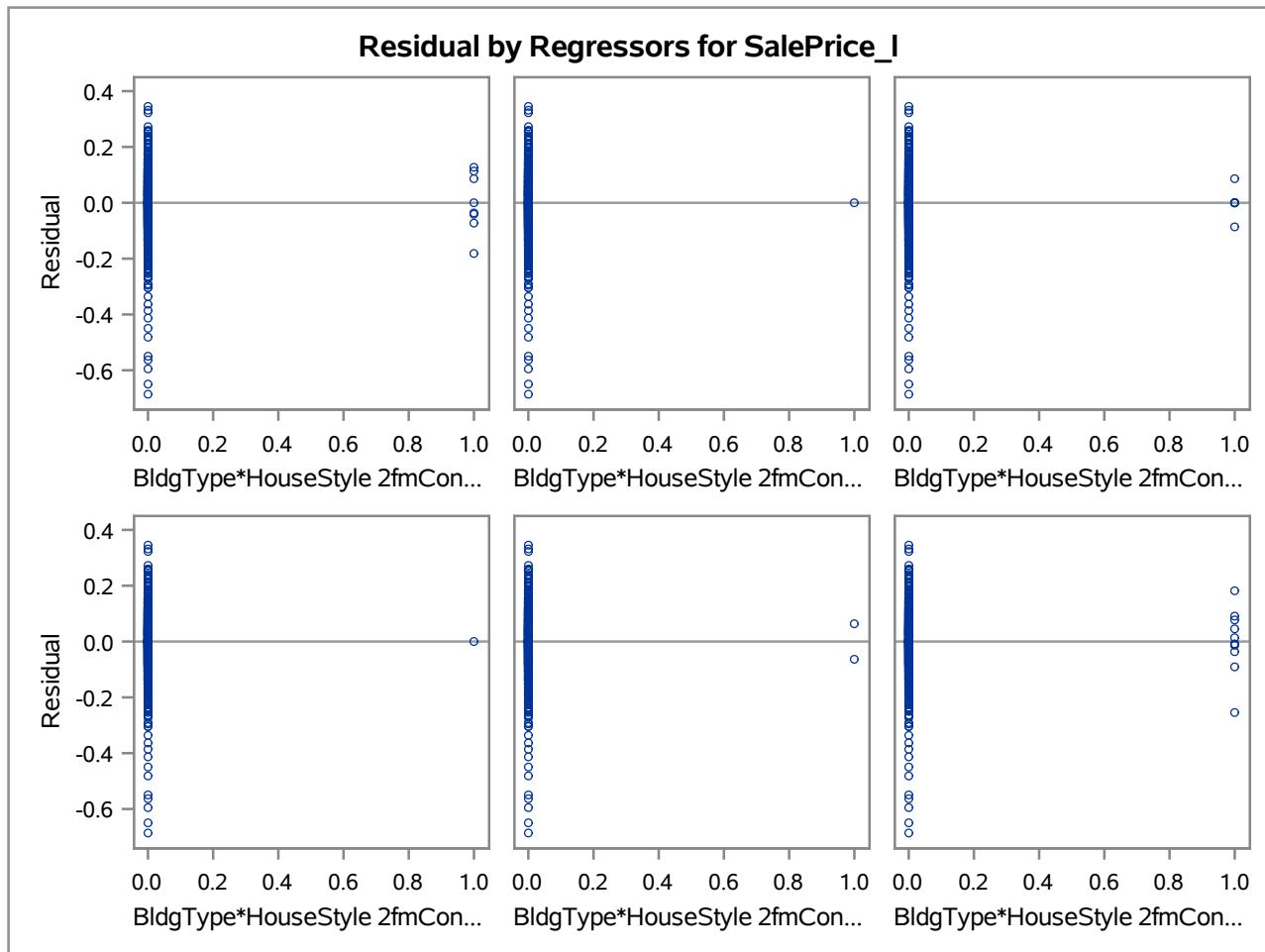
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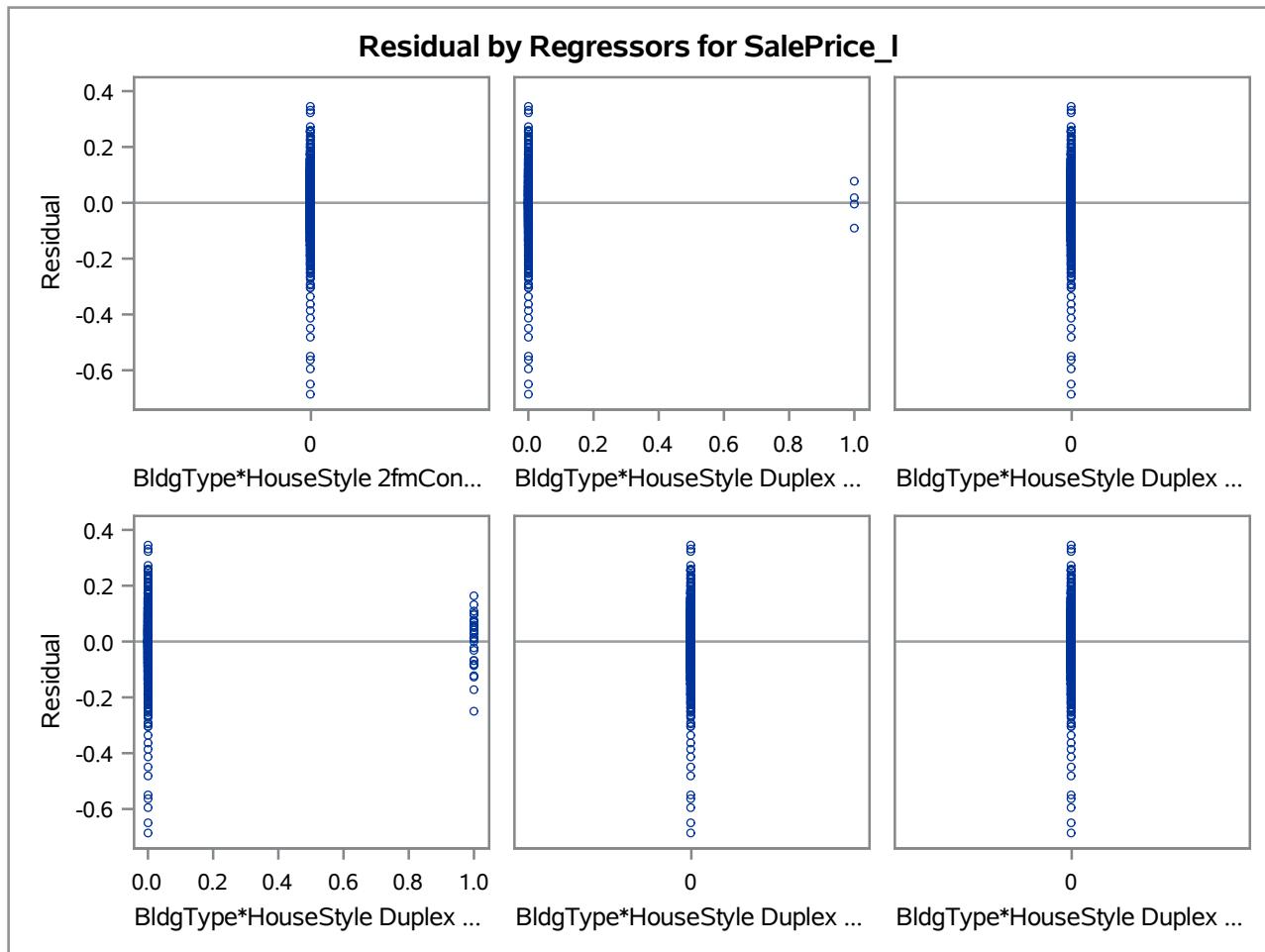
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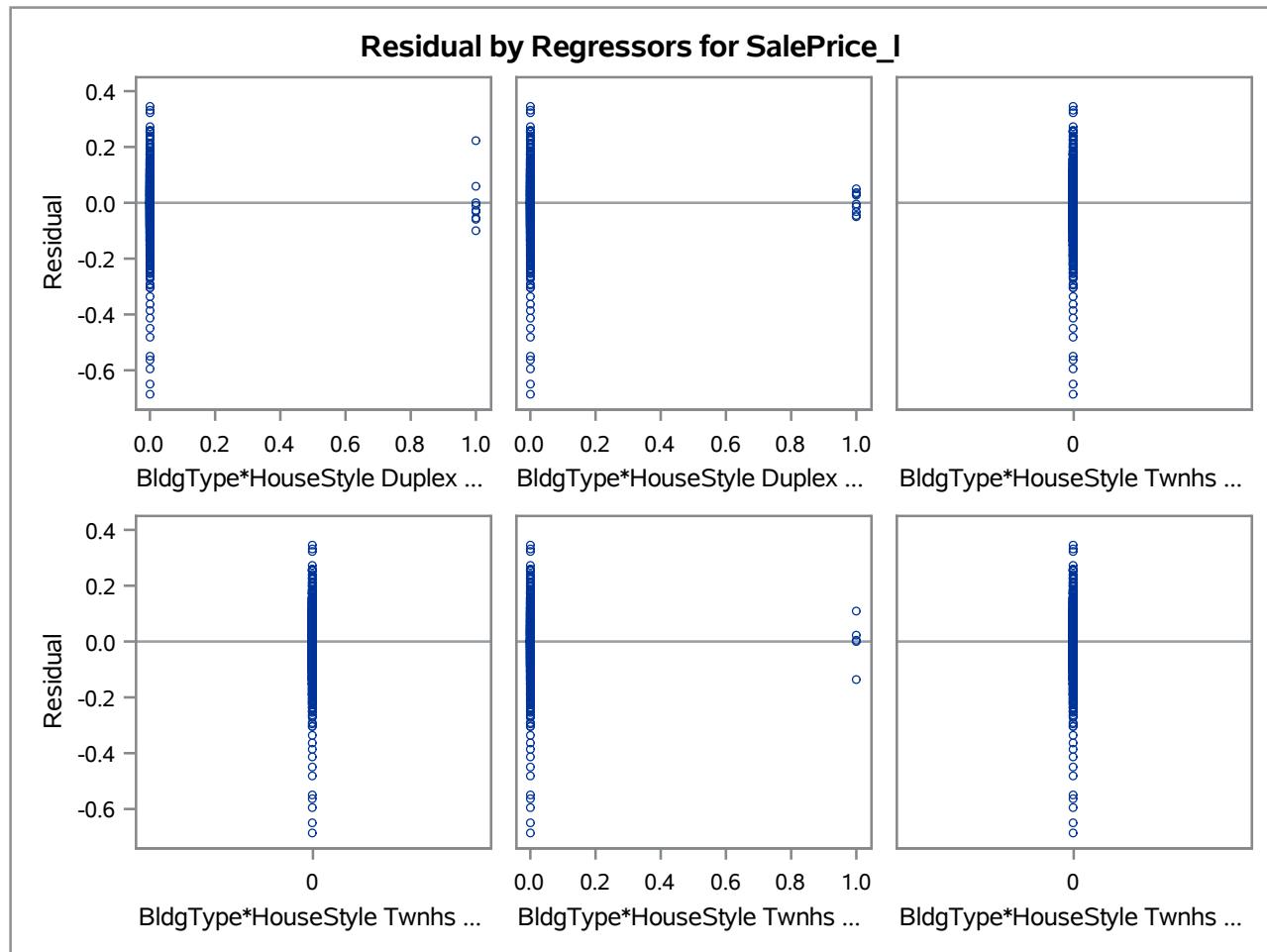


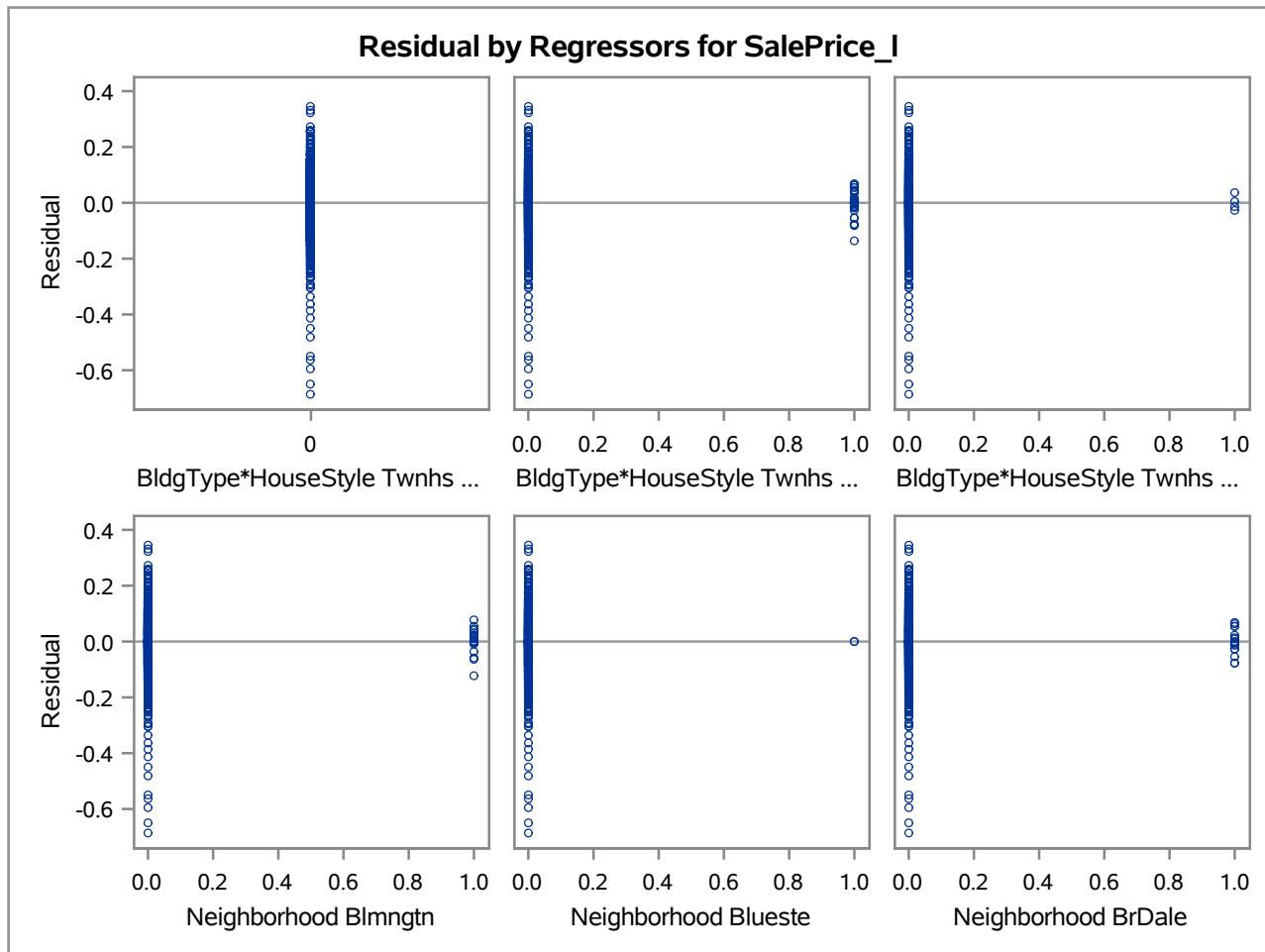
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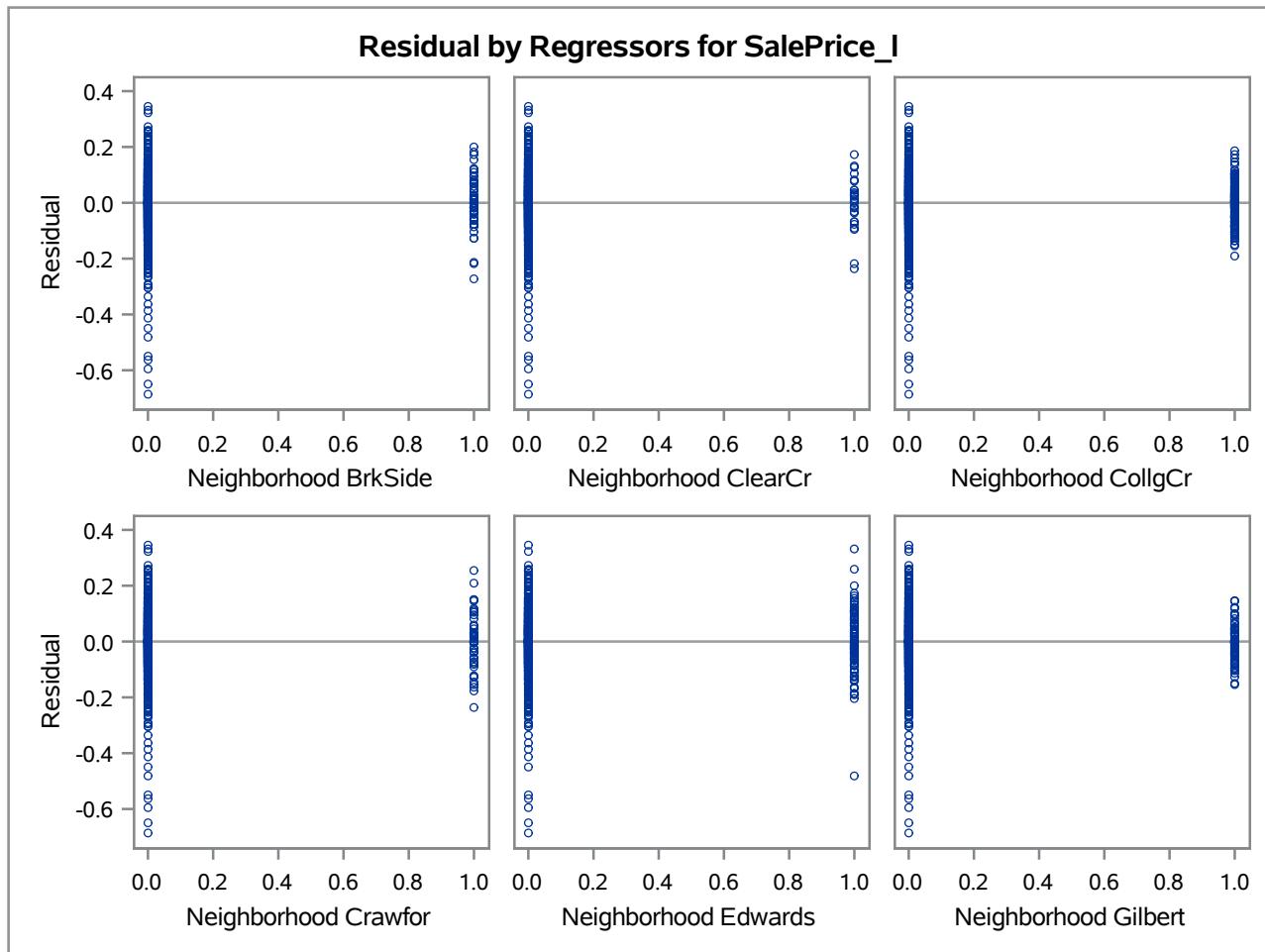
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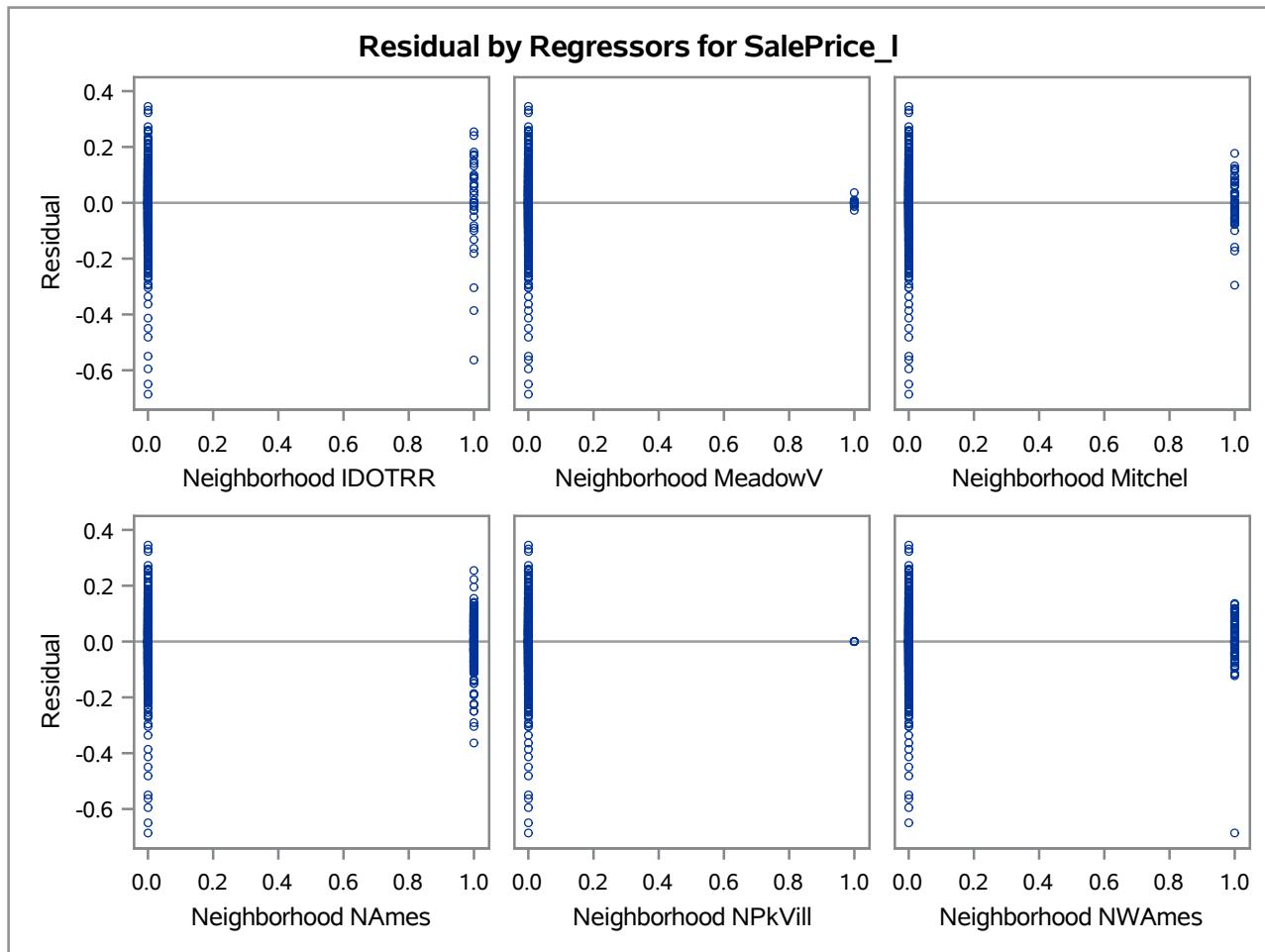
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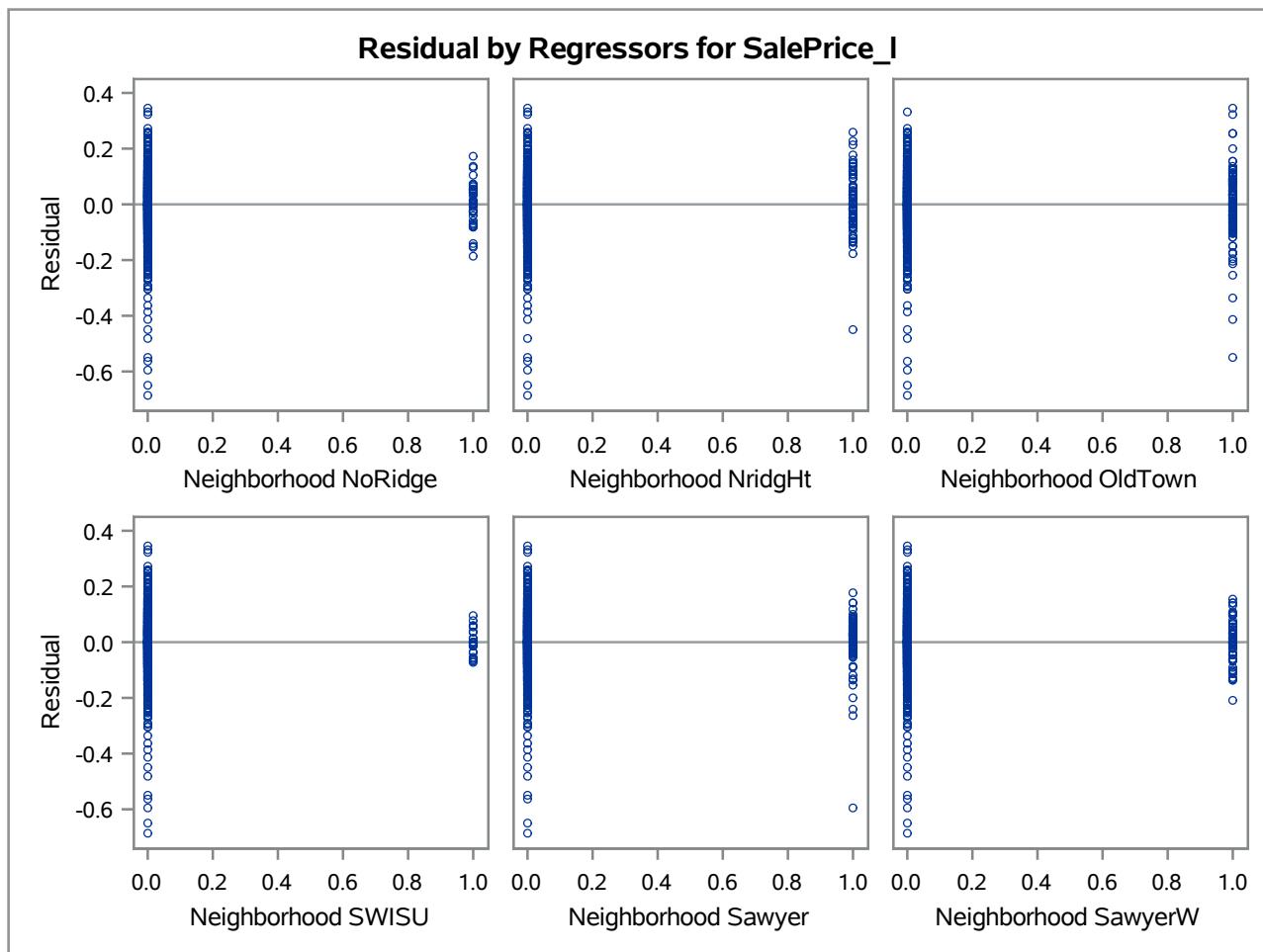
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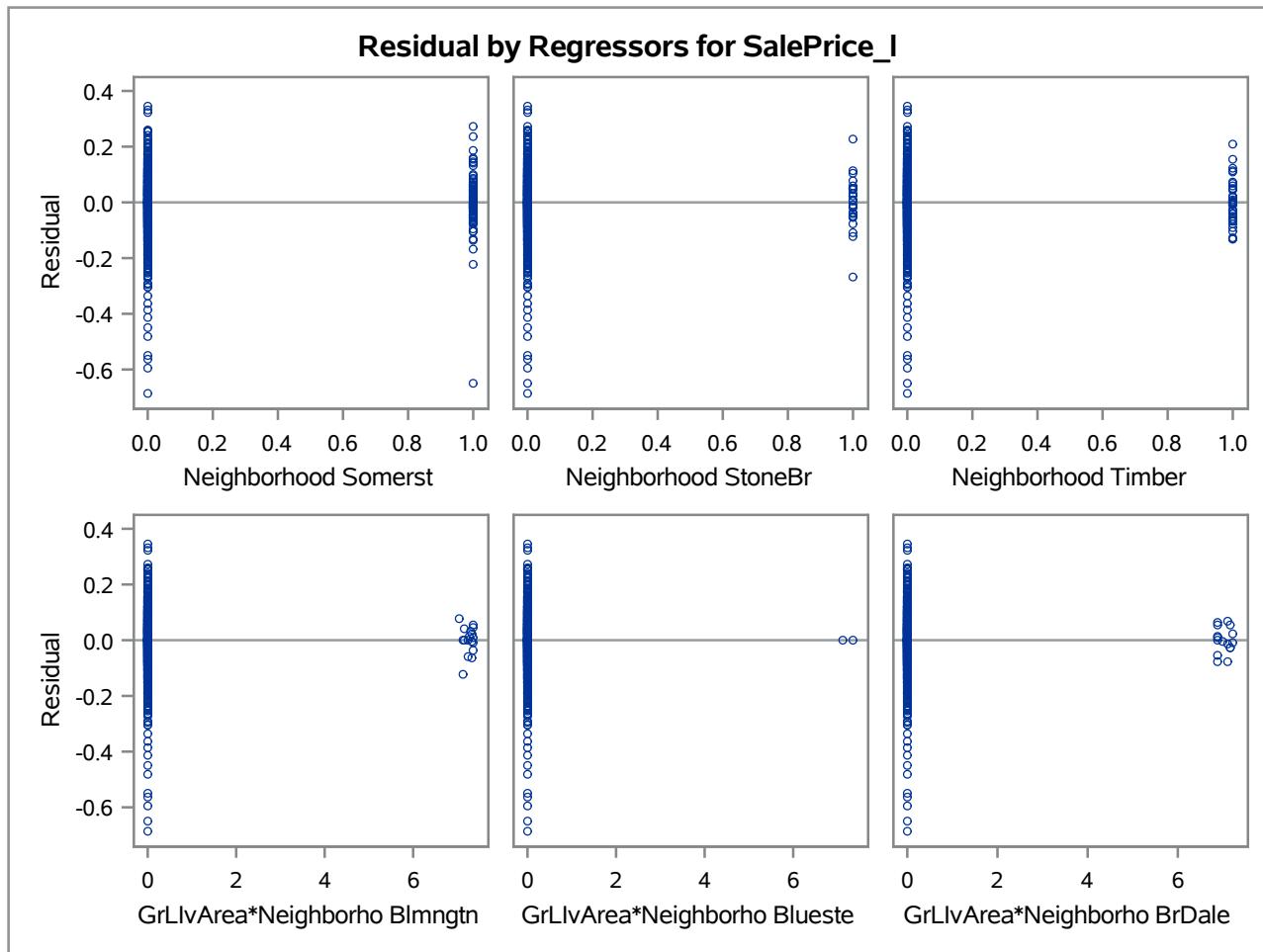
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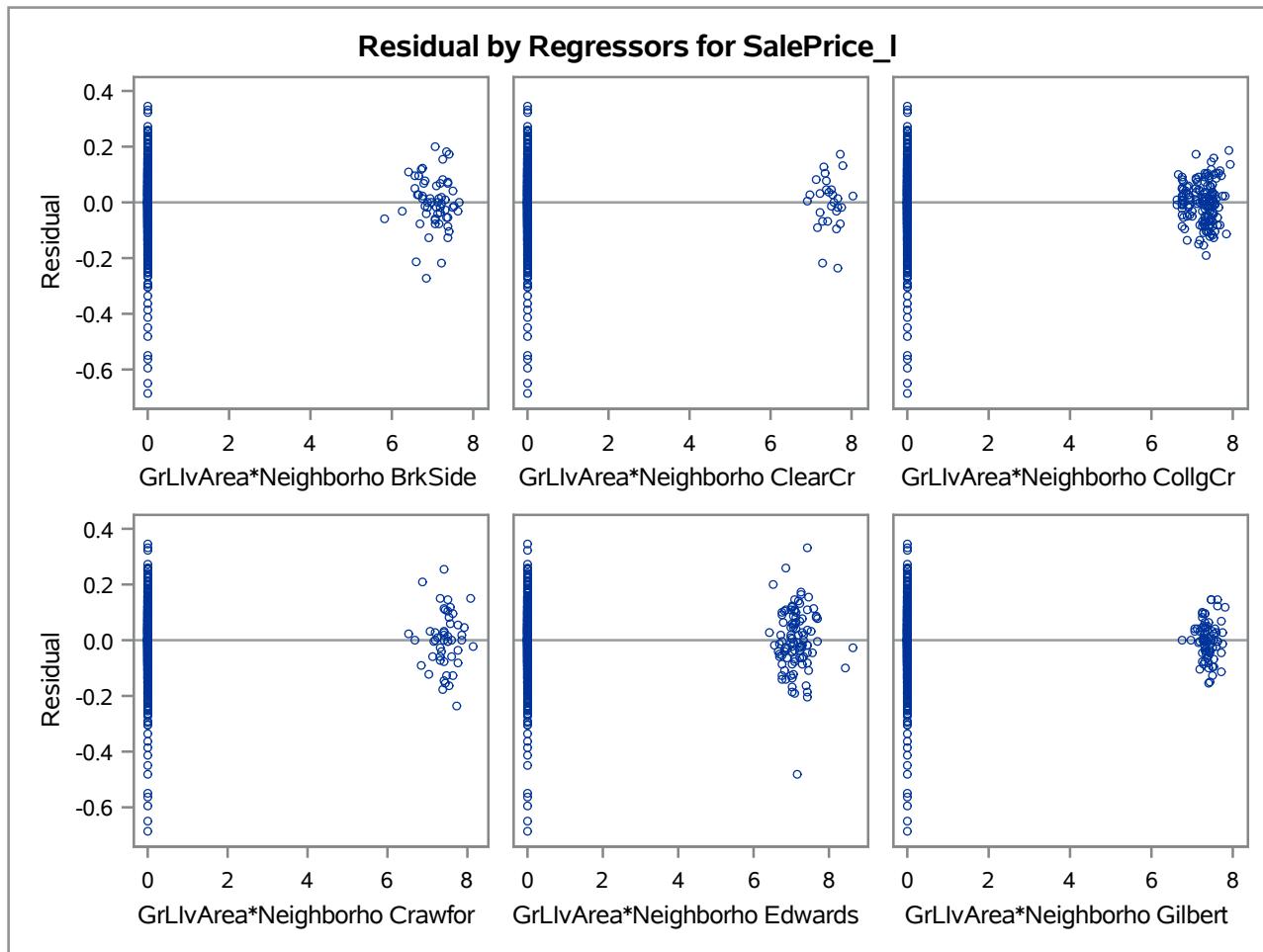
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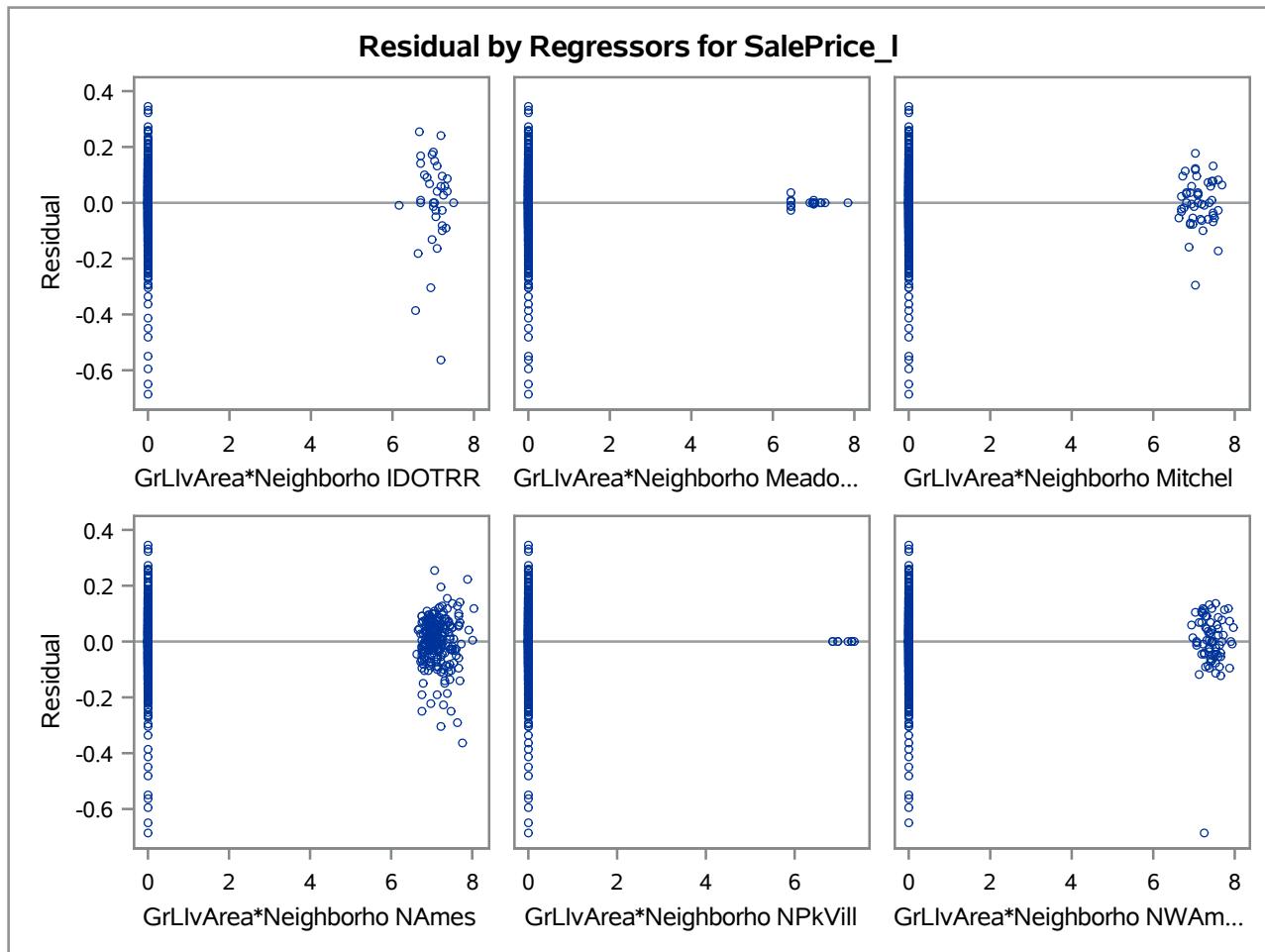
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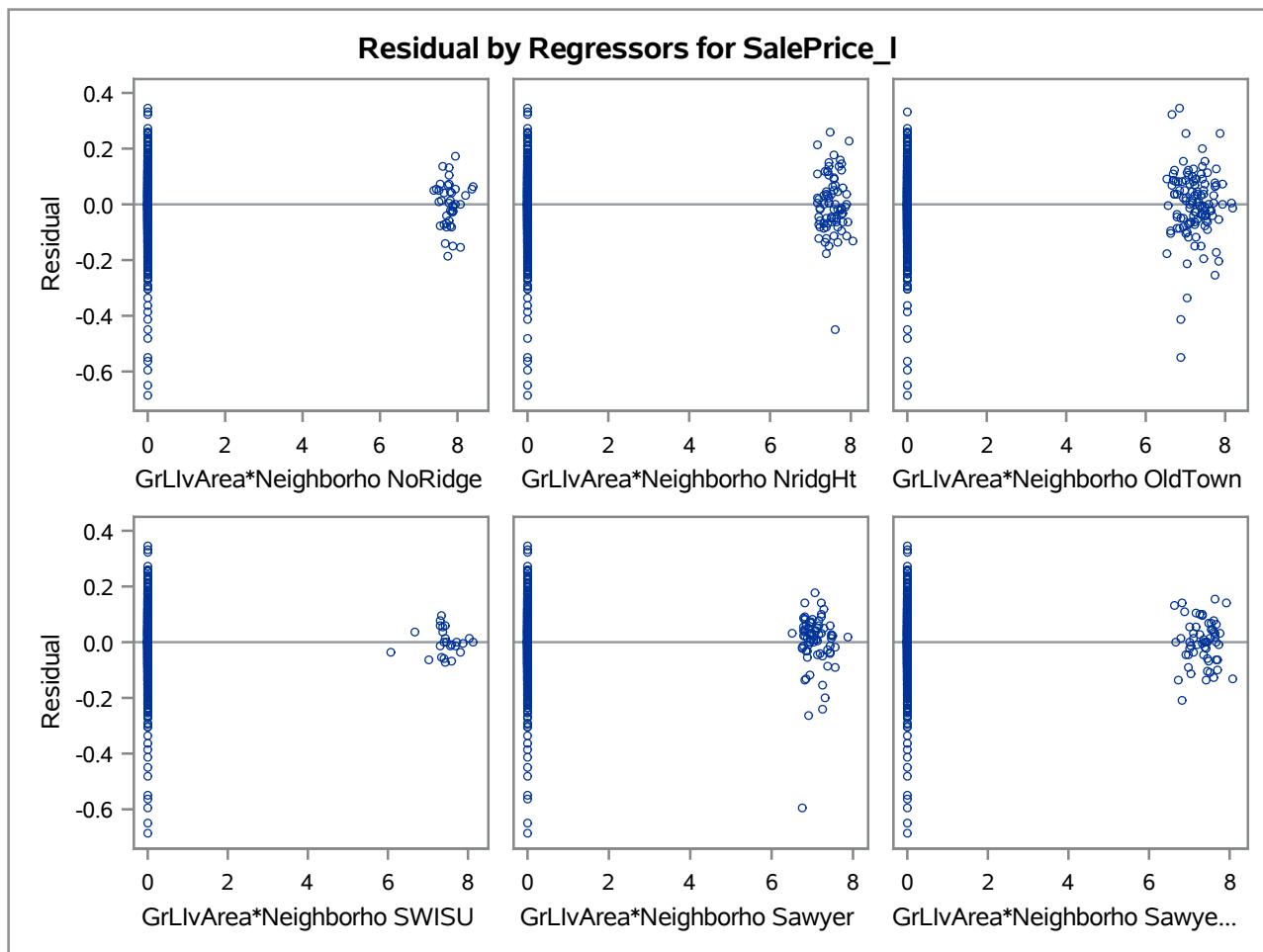
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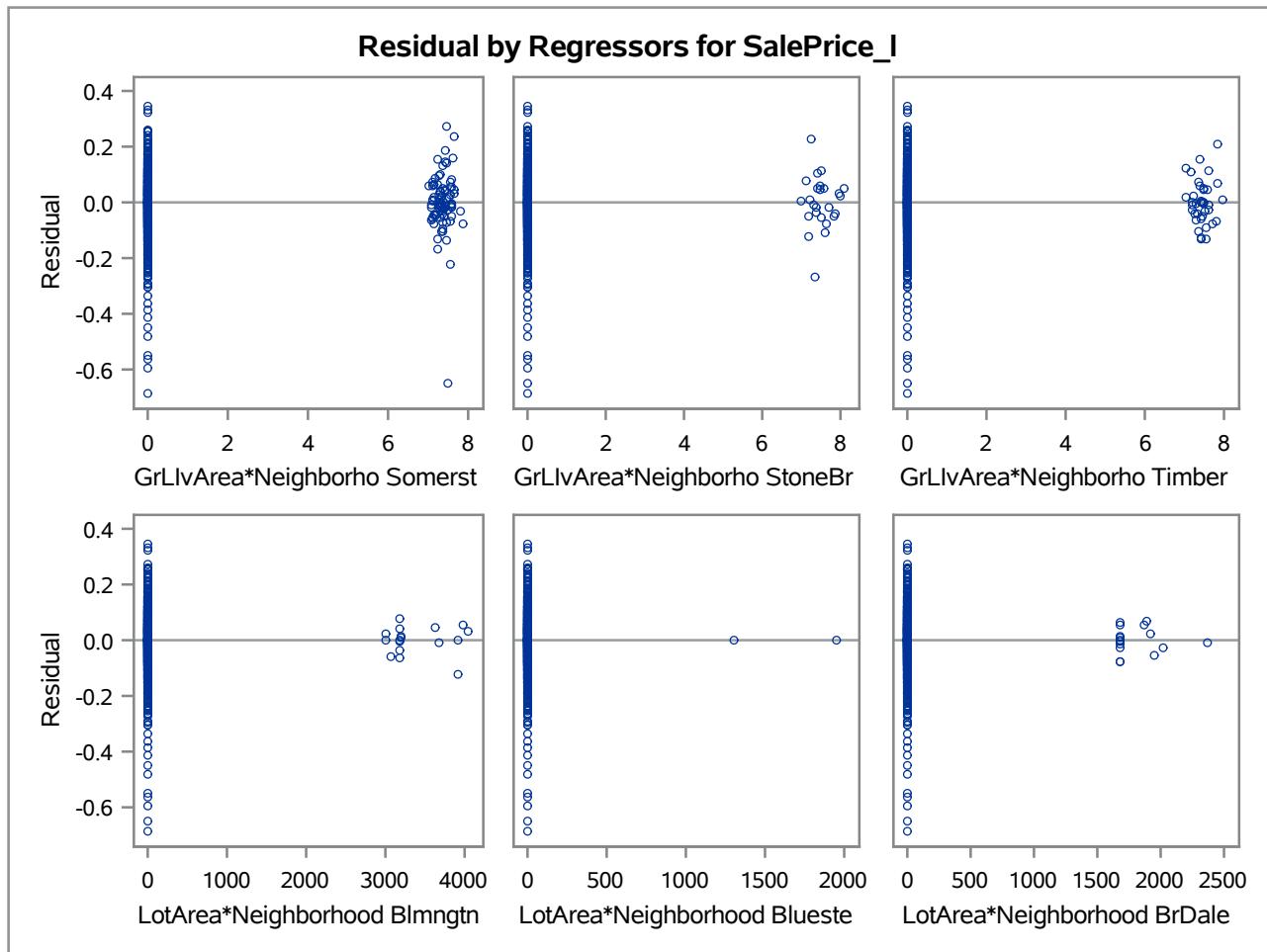
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I

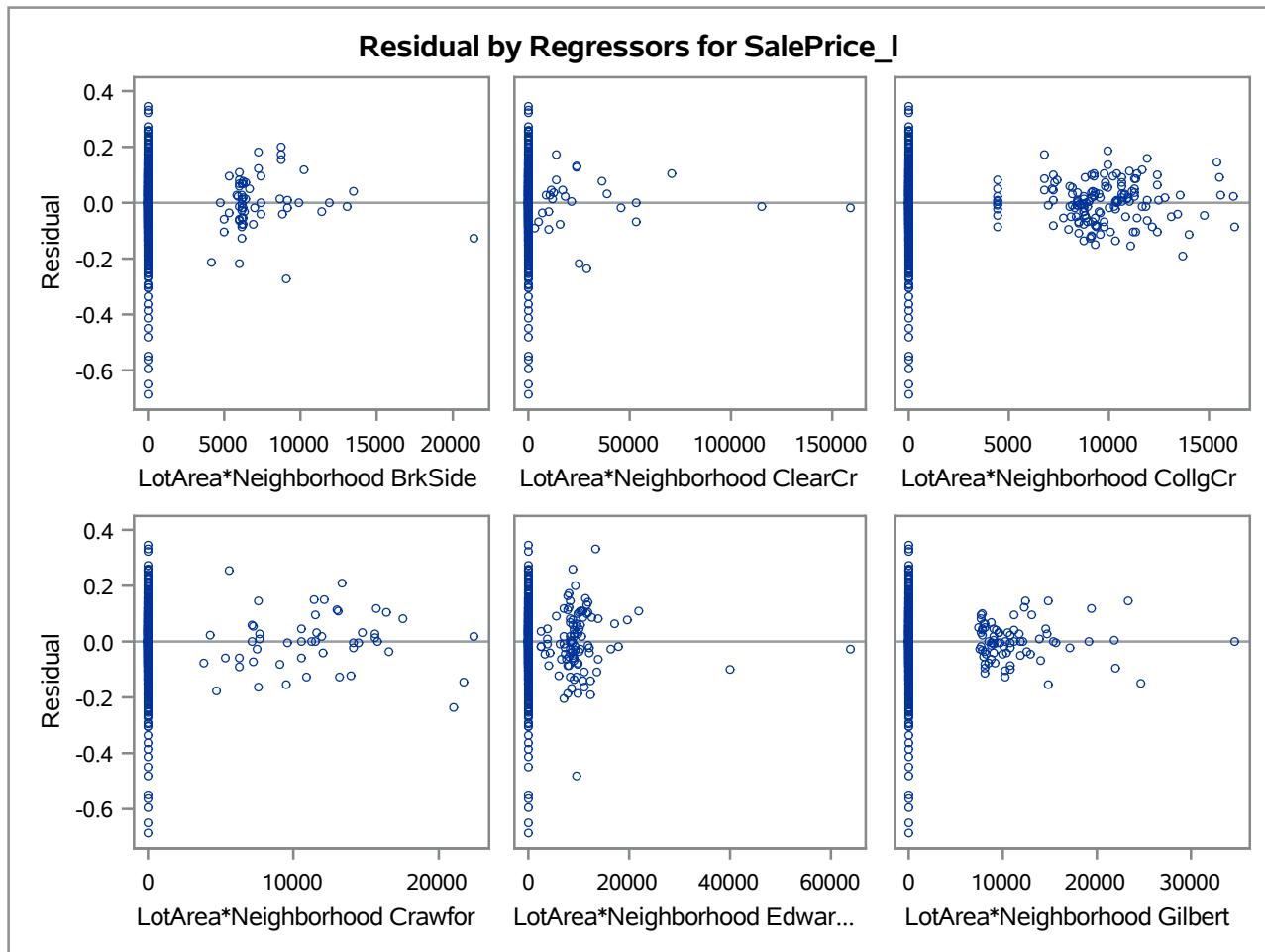


Backward Selection Multiple Linear Regression

The REG Procedure

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Dependent Variable: SalePrice_I

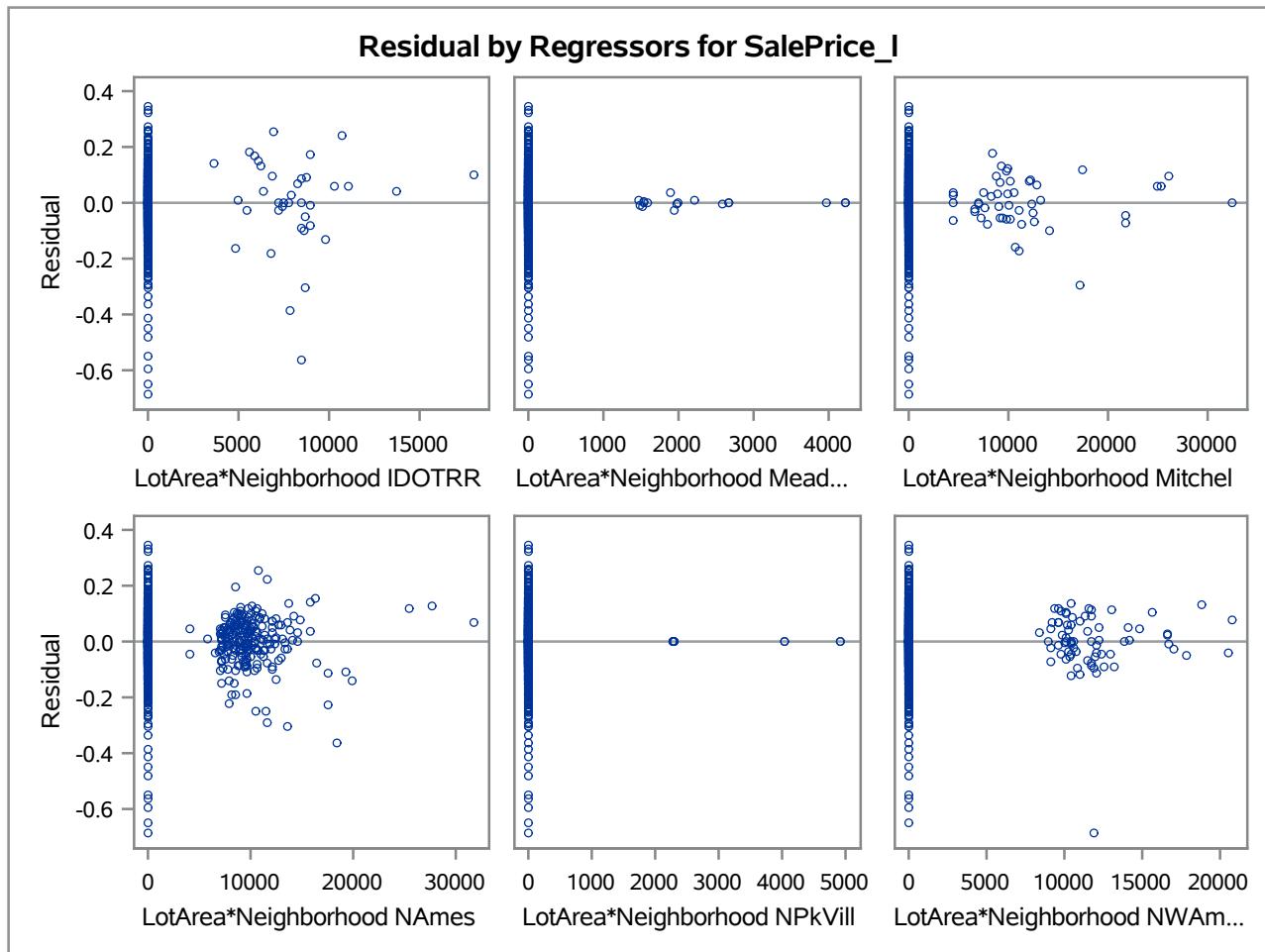


Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



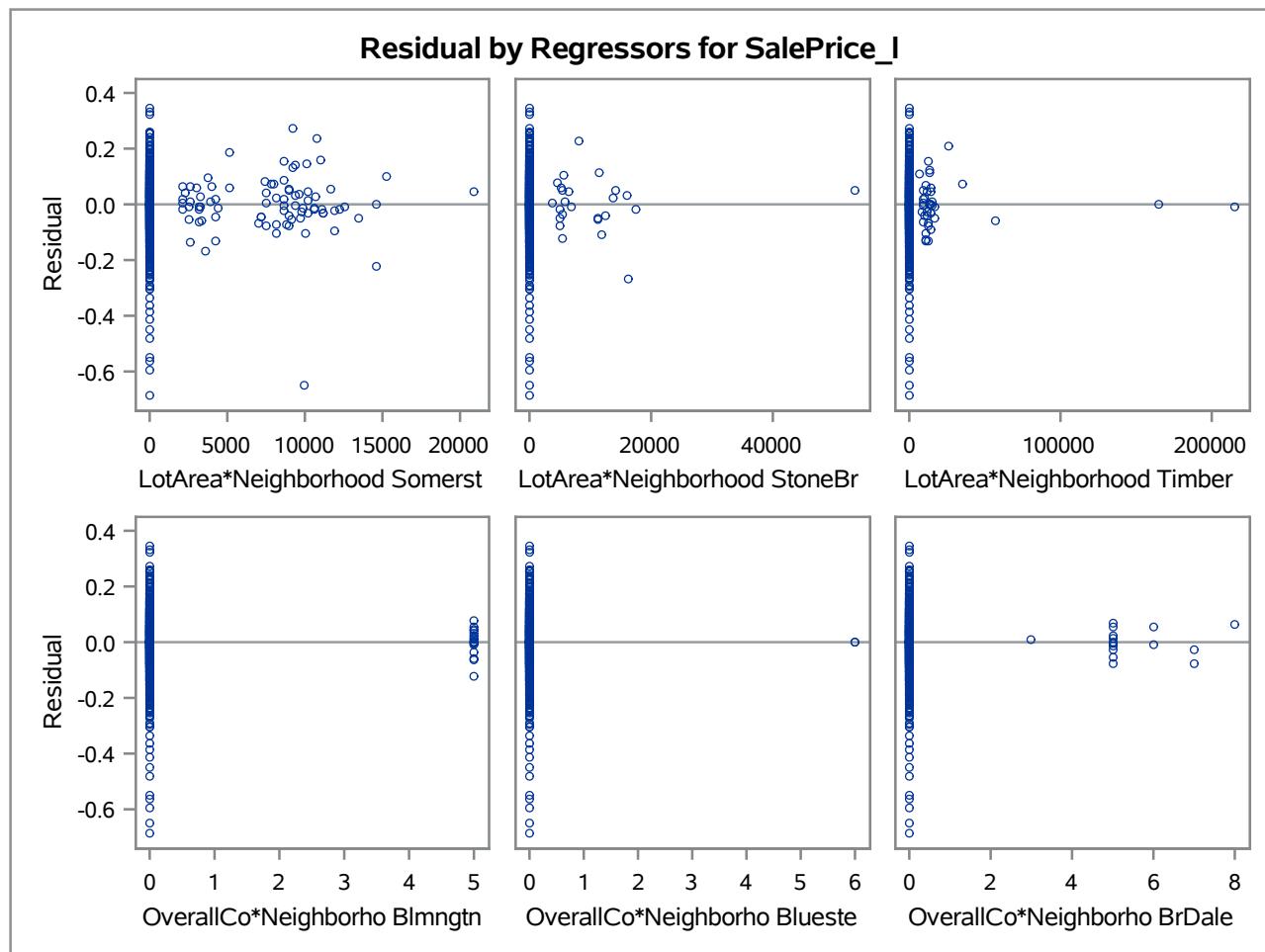
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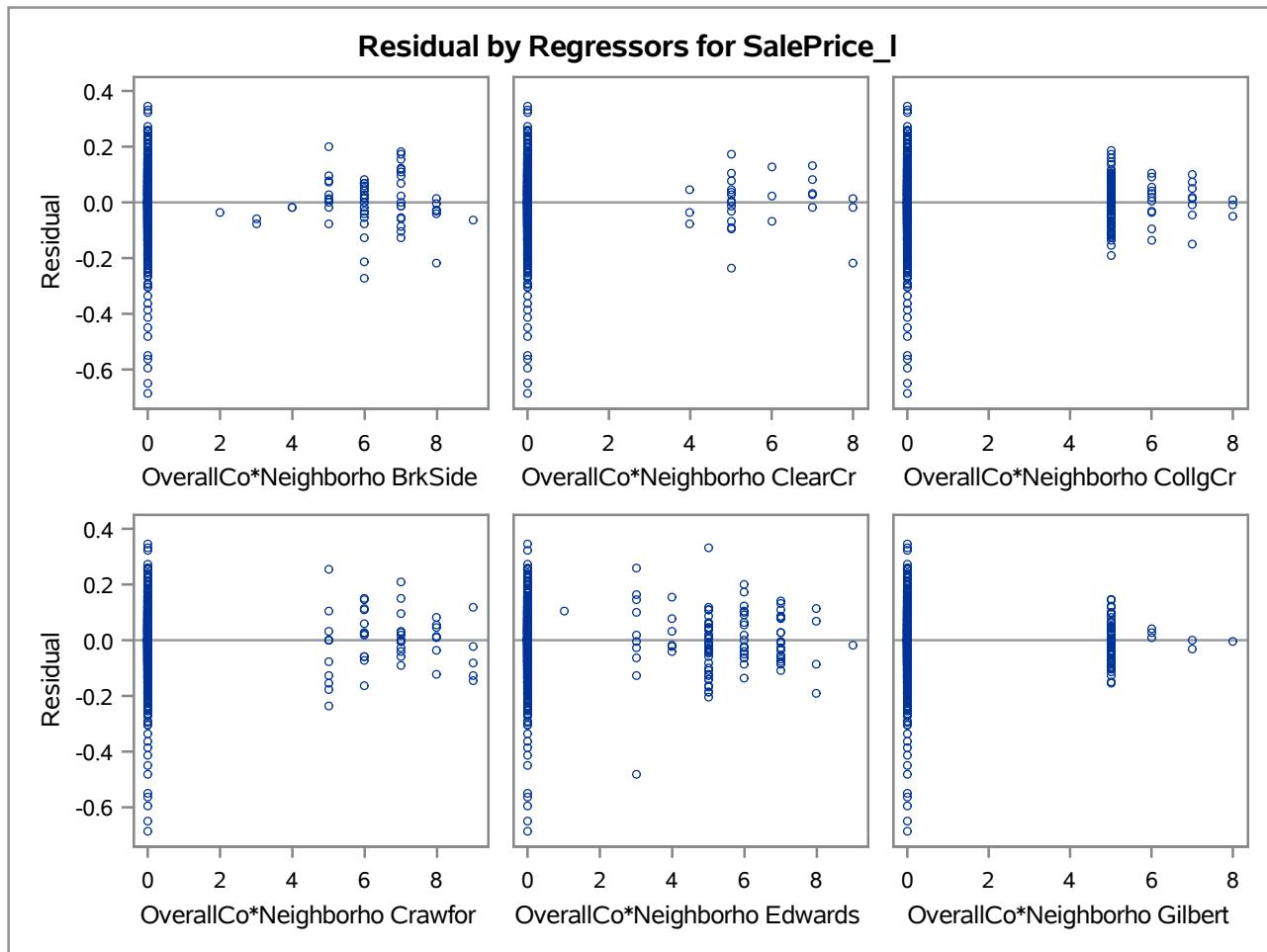
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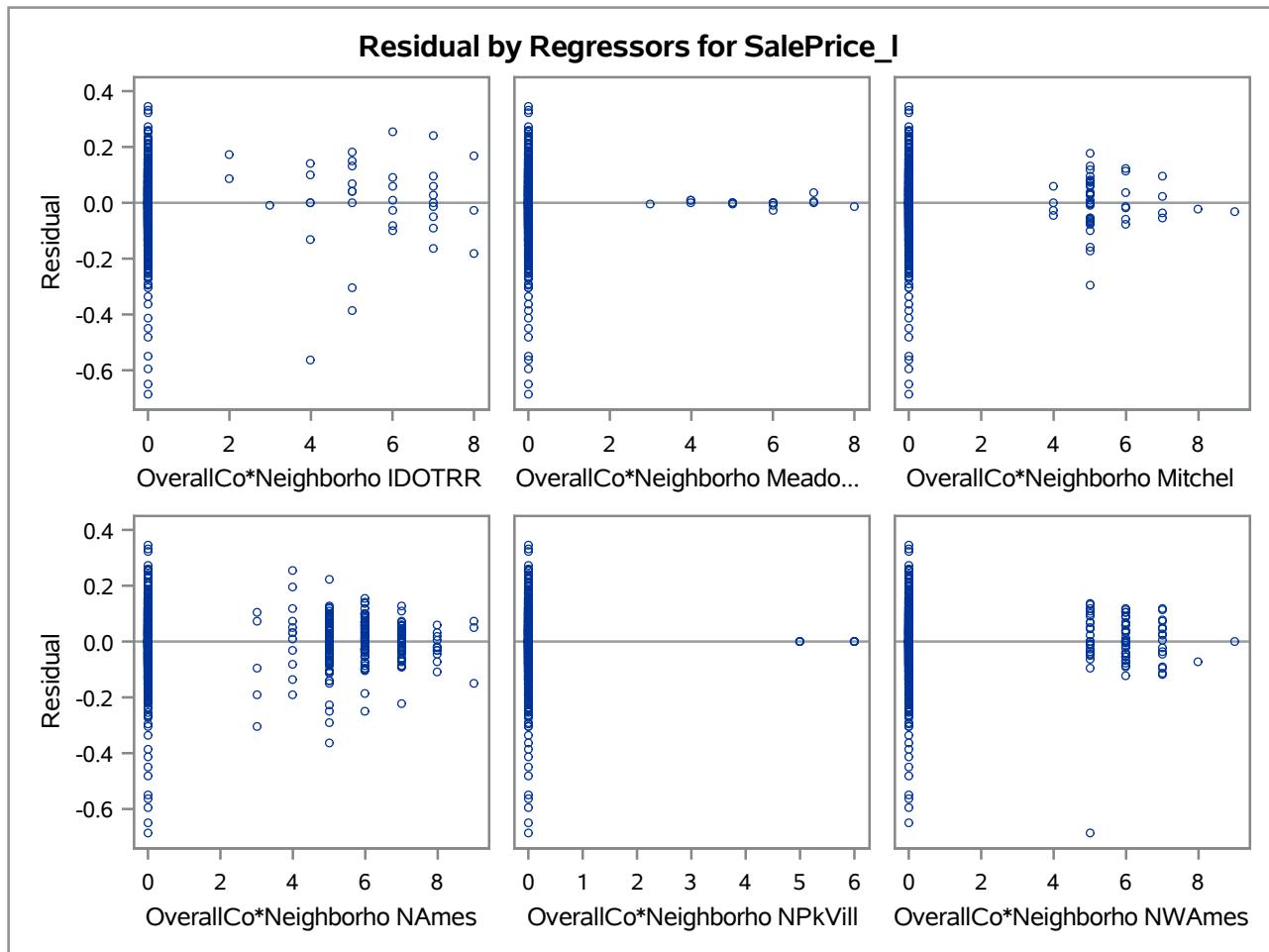


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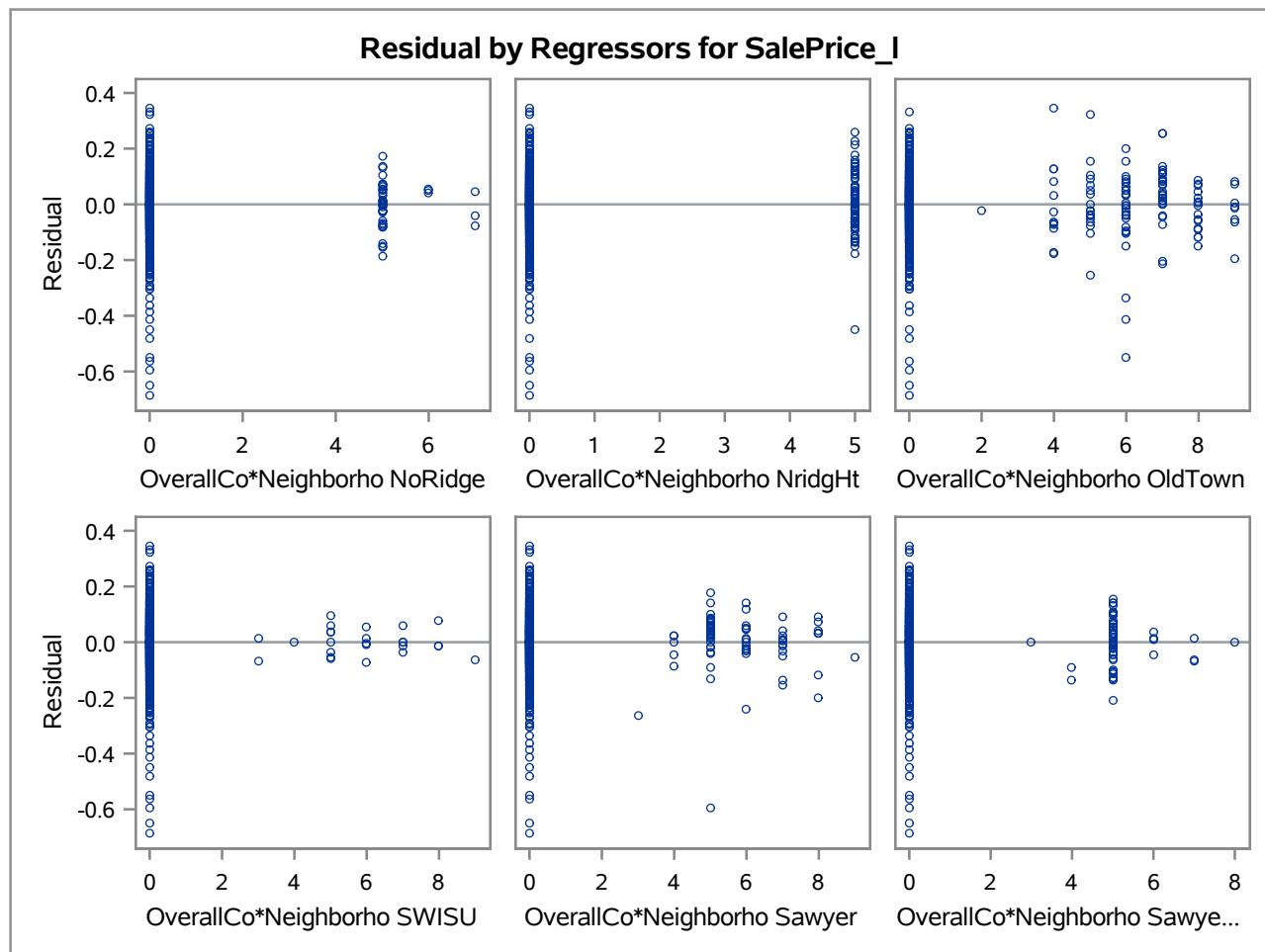


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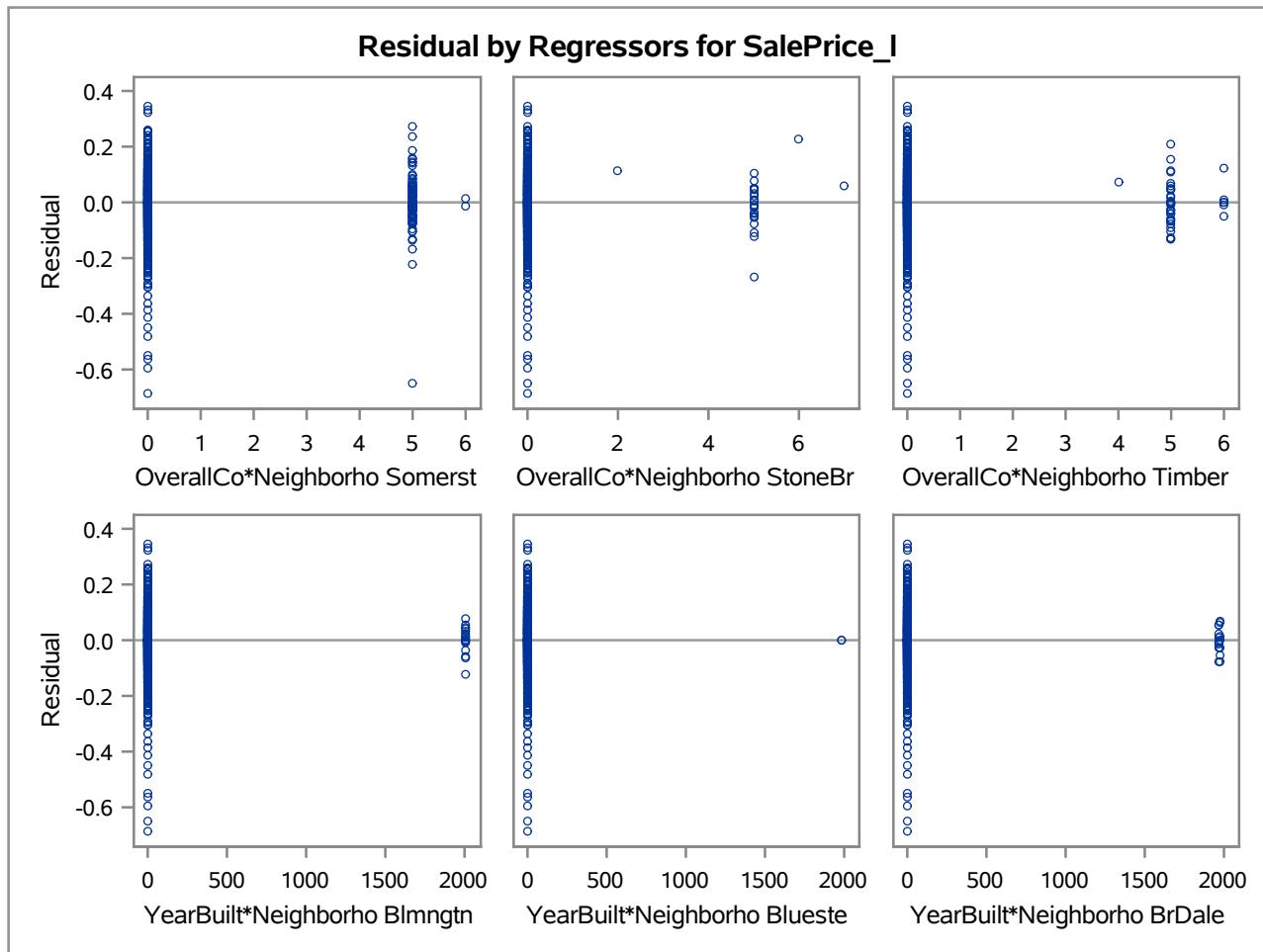


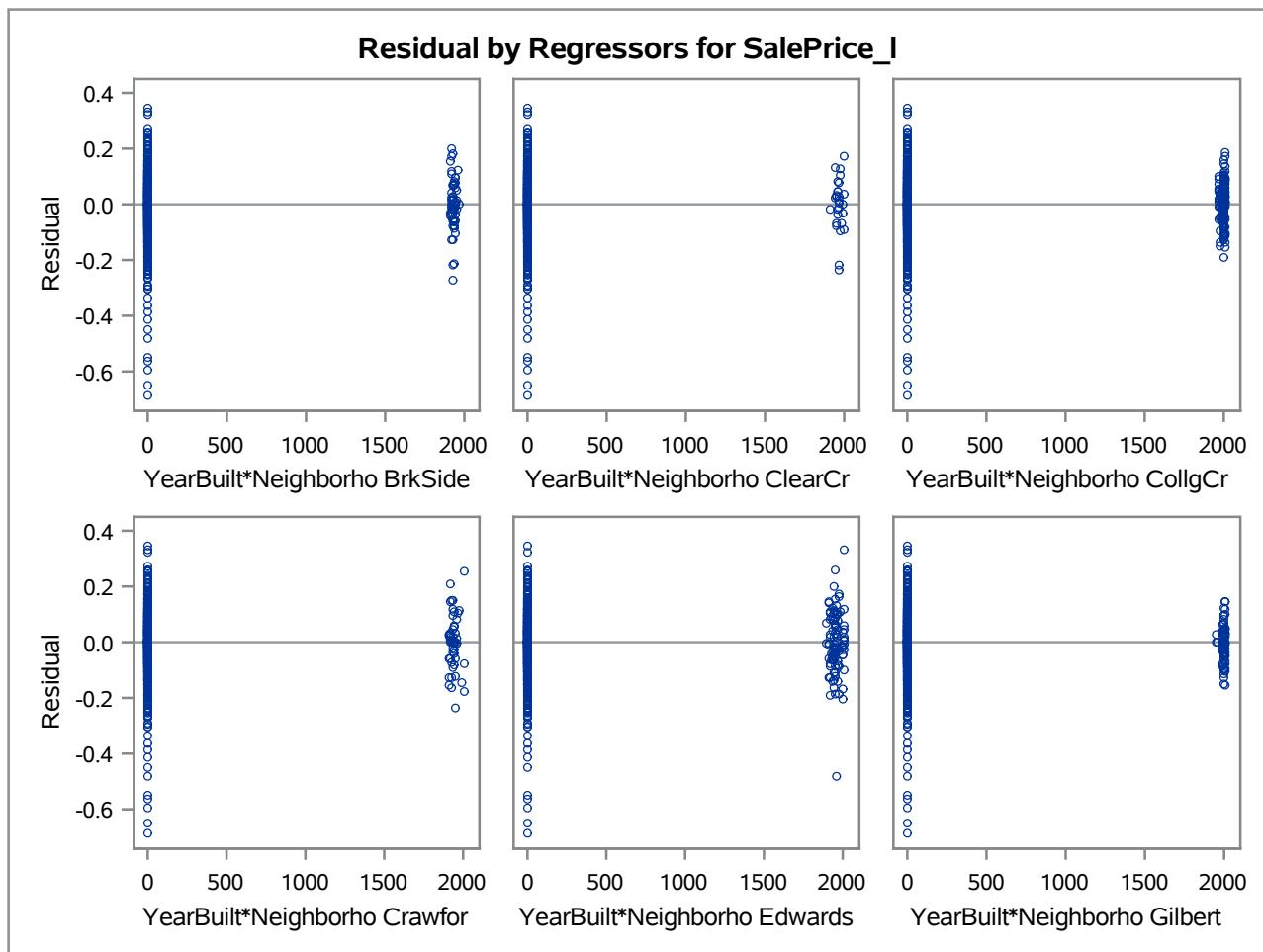
Backward Selection Multiple Linear Regression

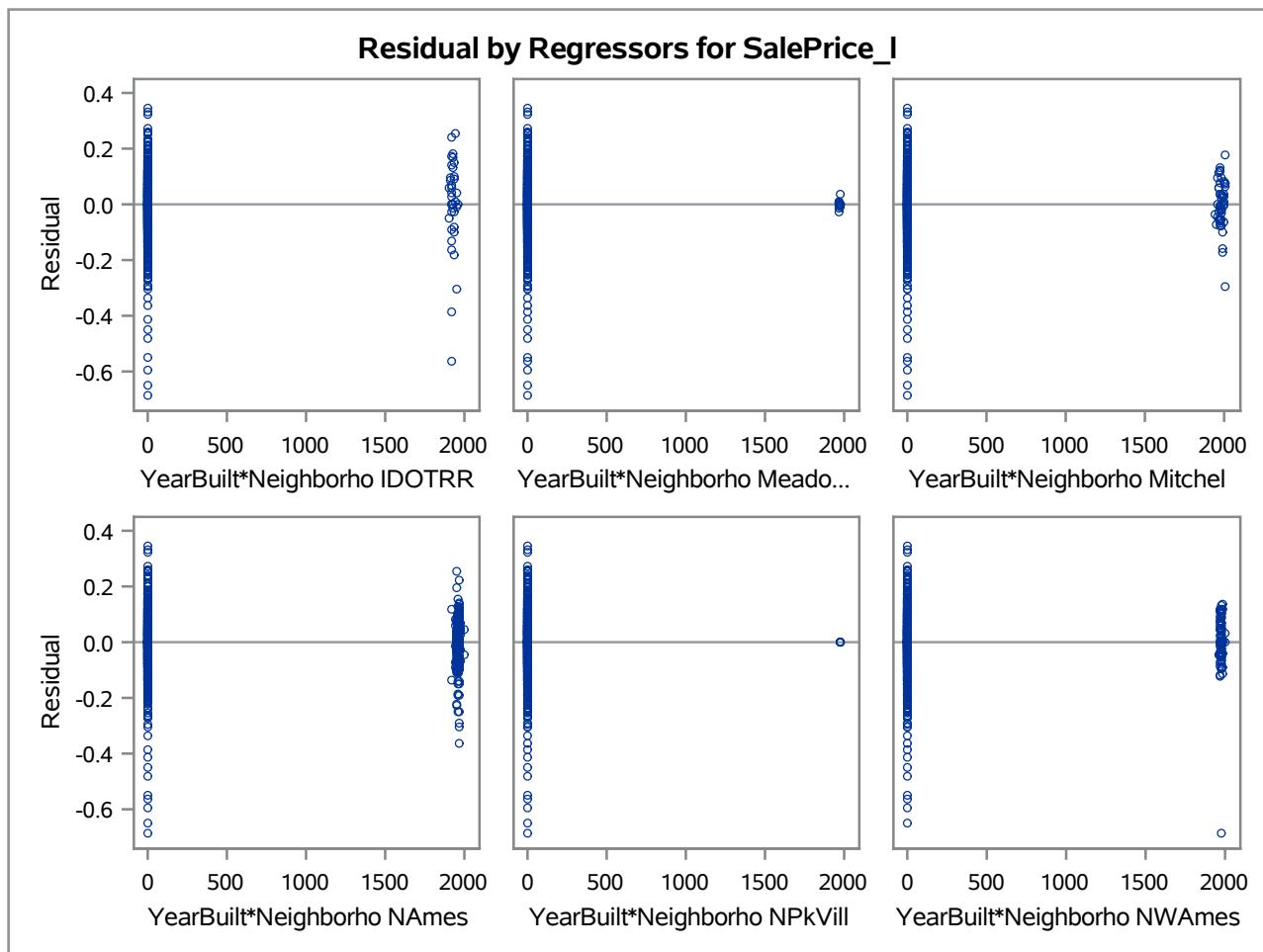
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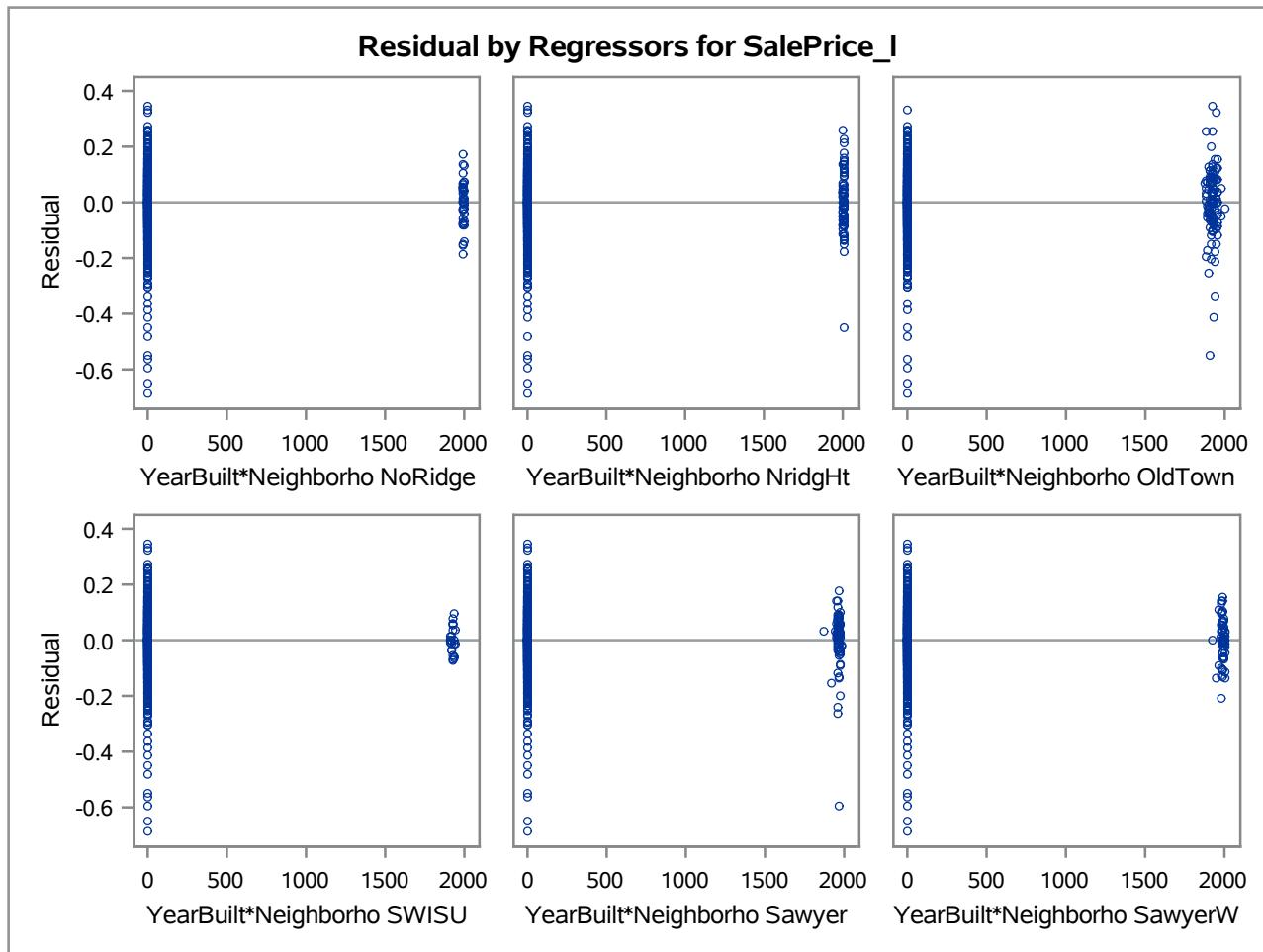
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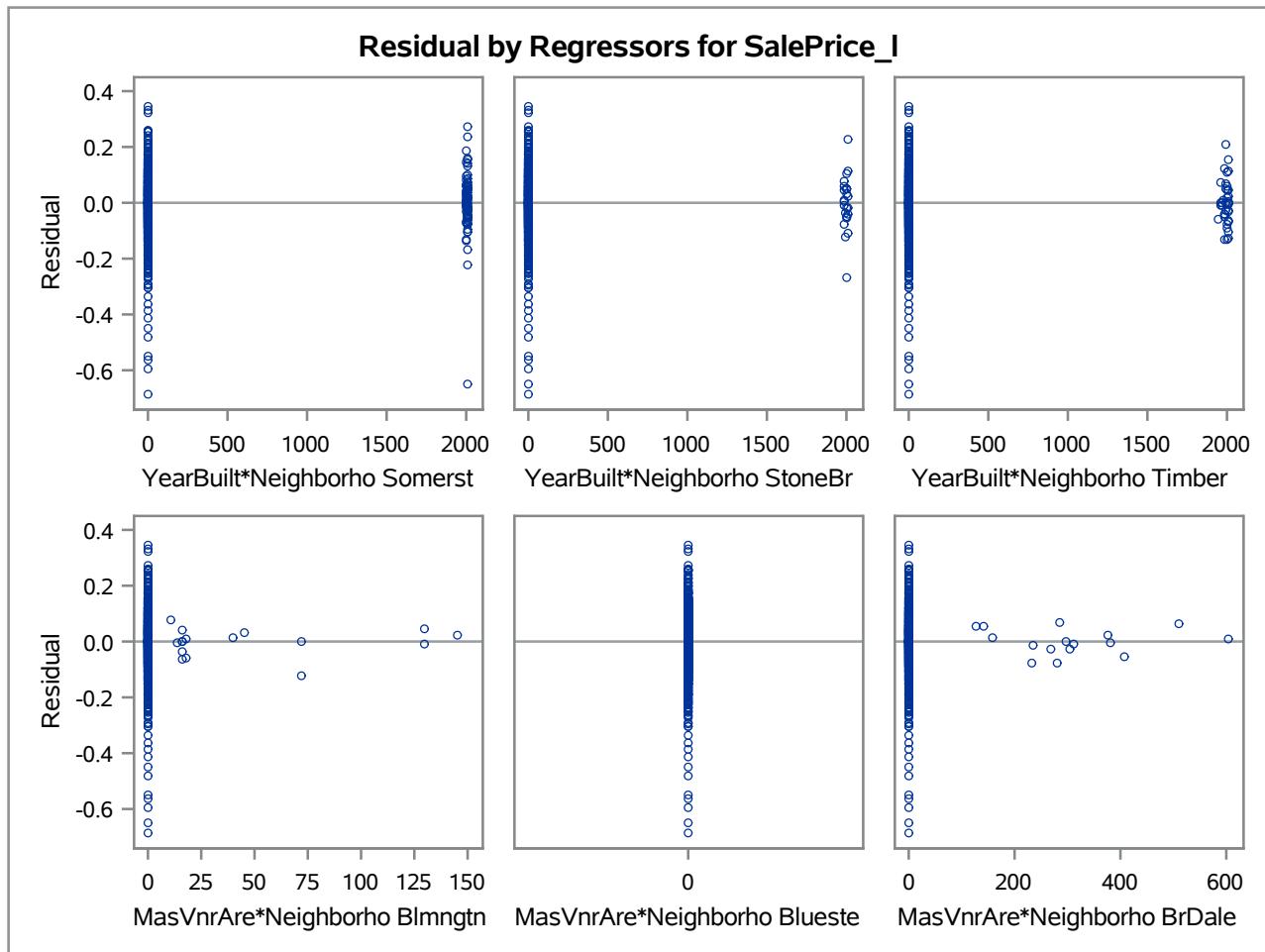
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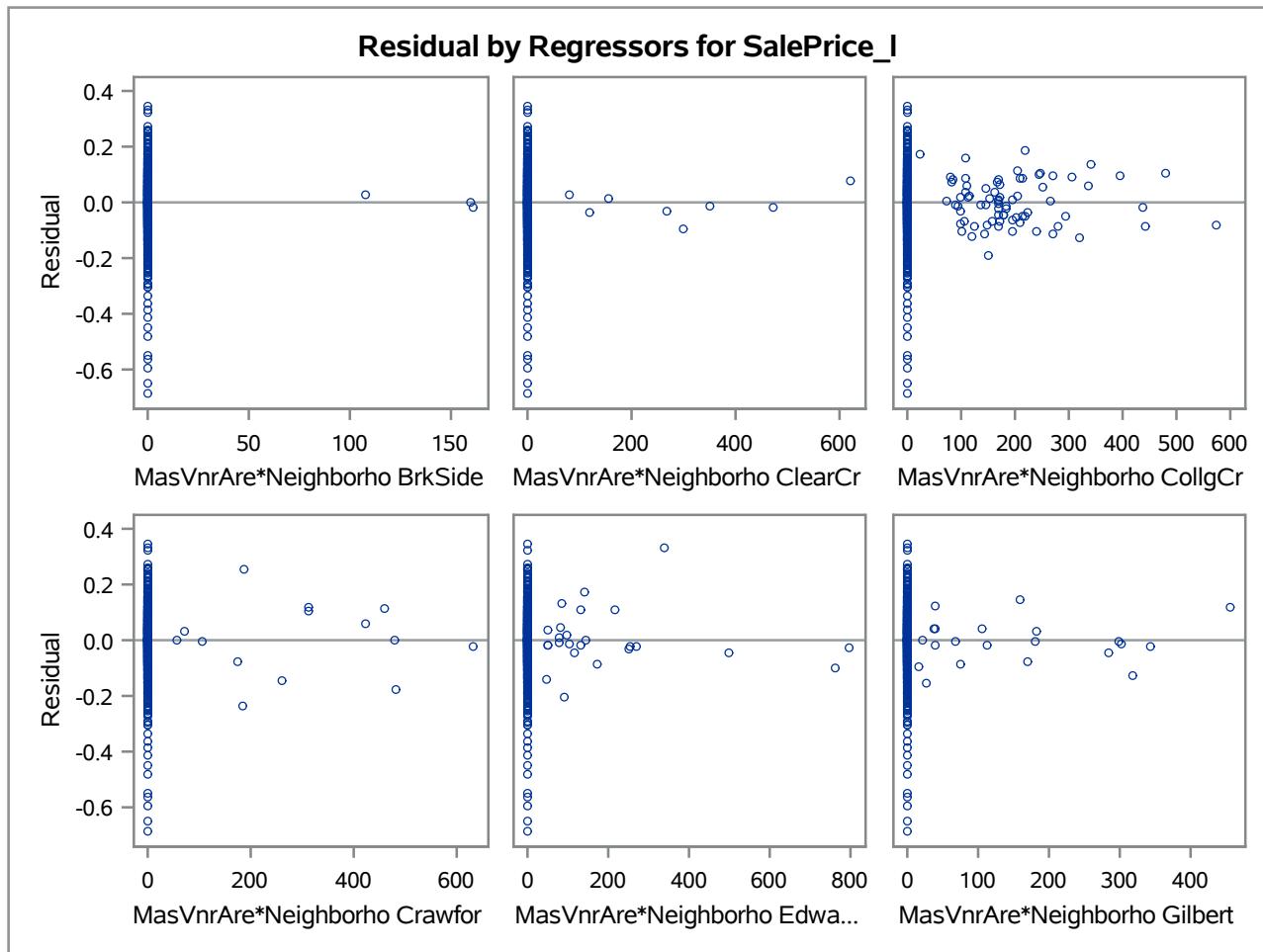
Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



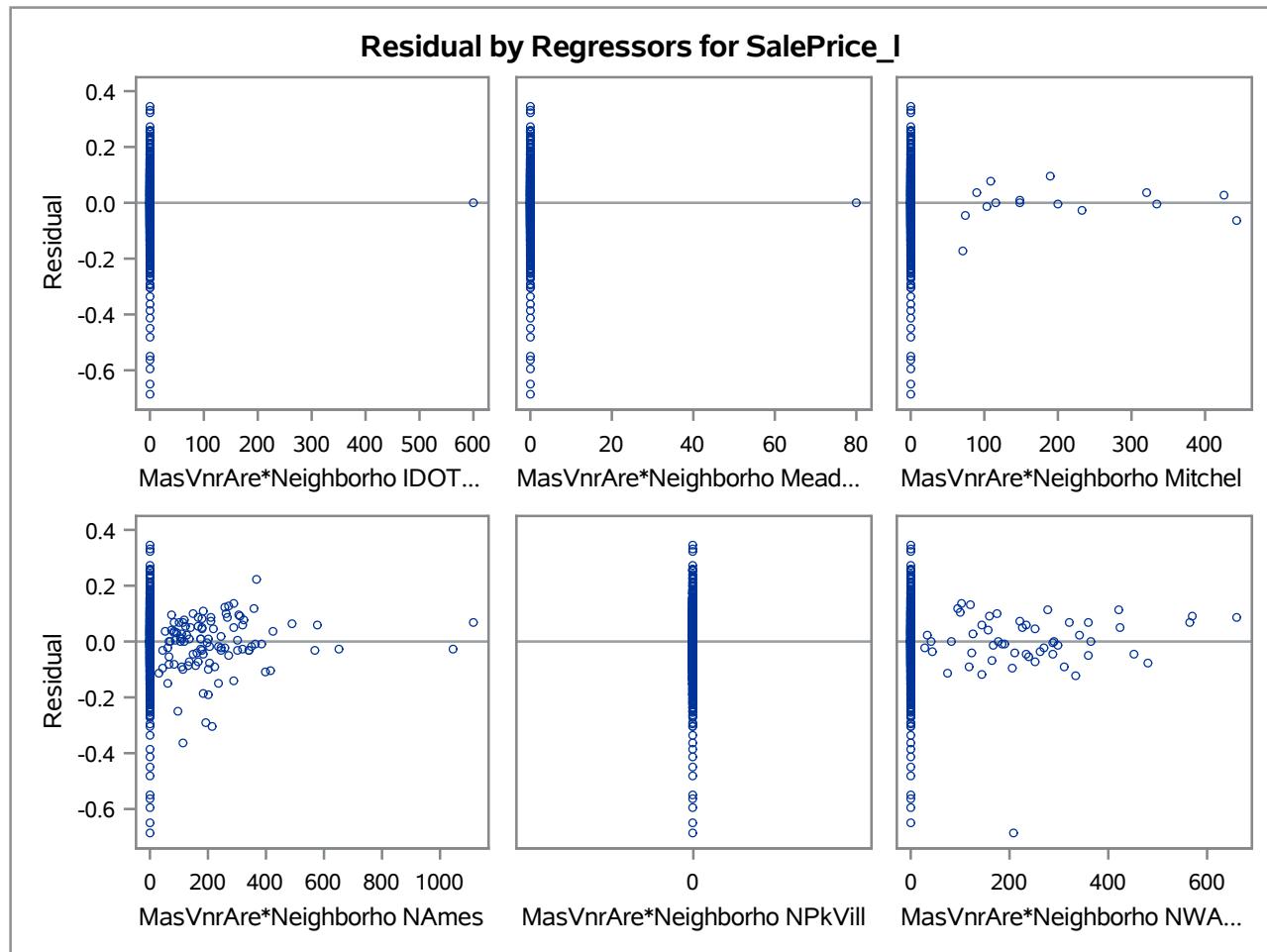
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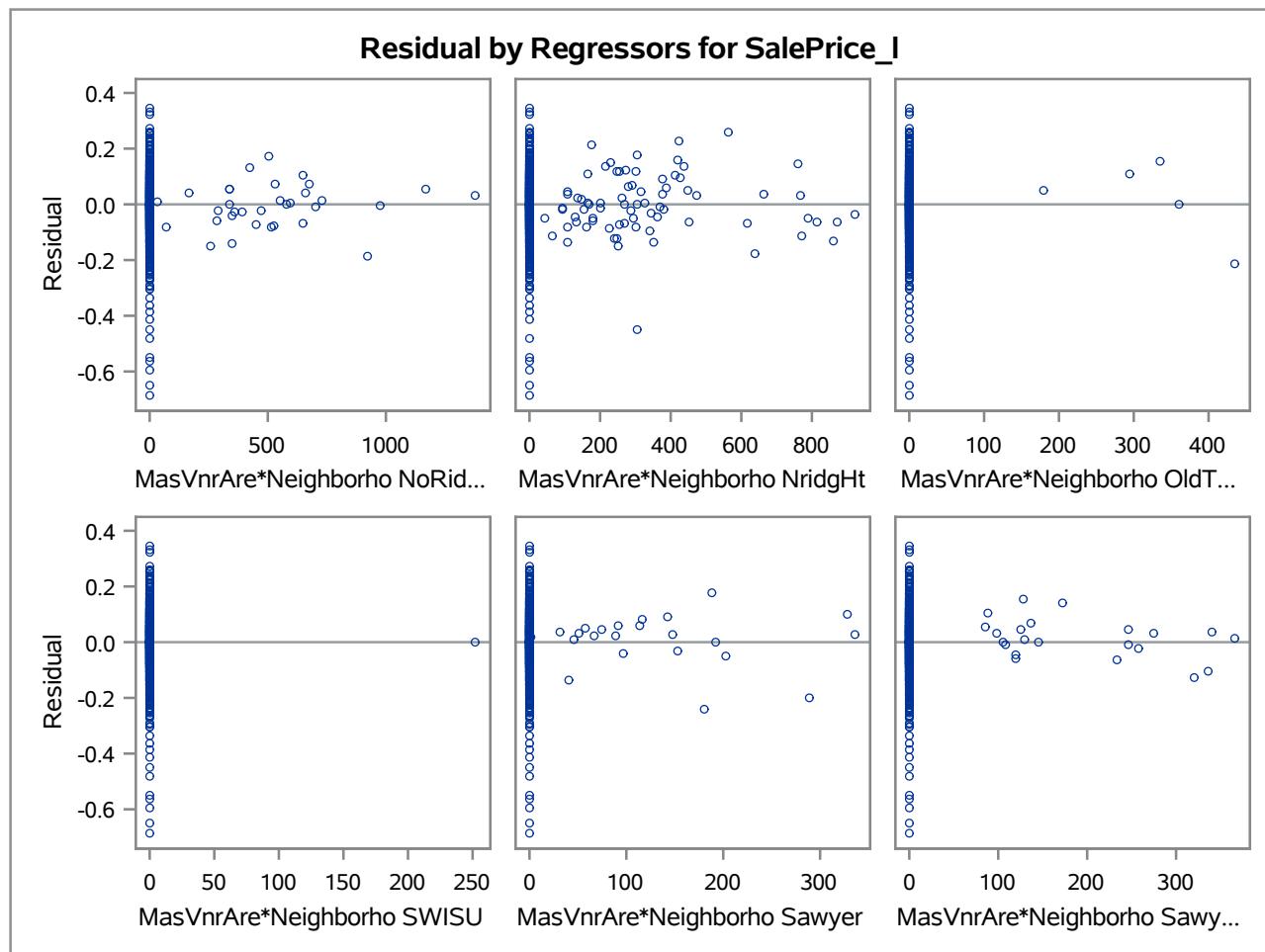
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The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



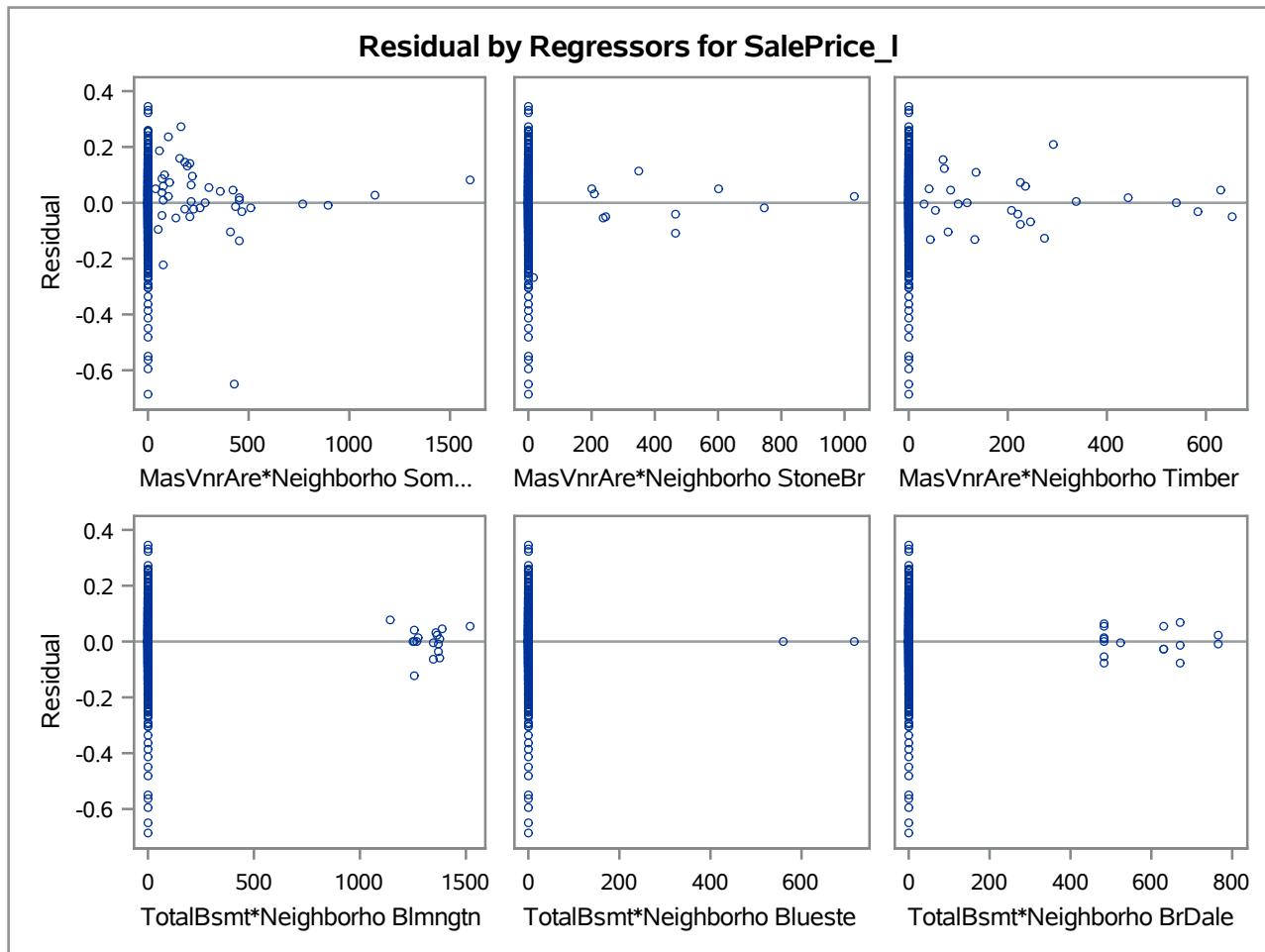
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



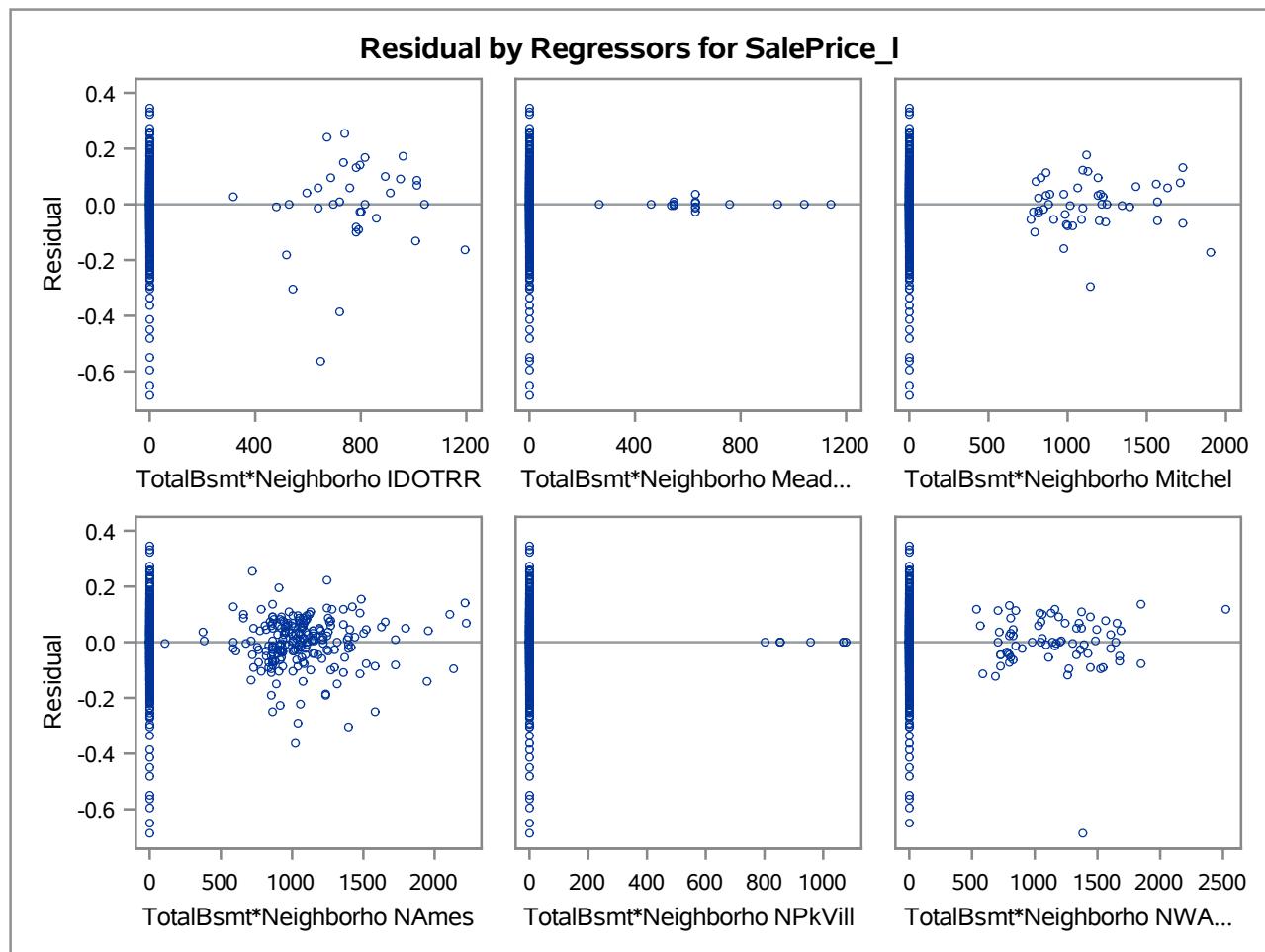
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The REG Procedure

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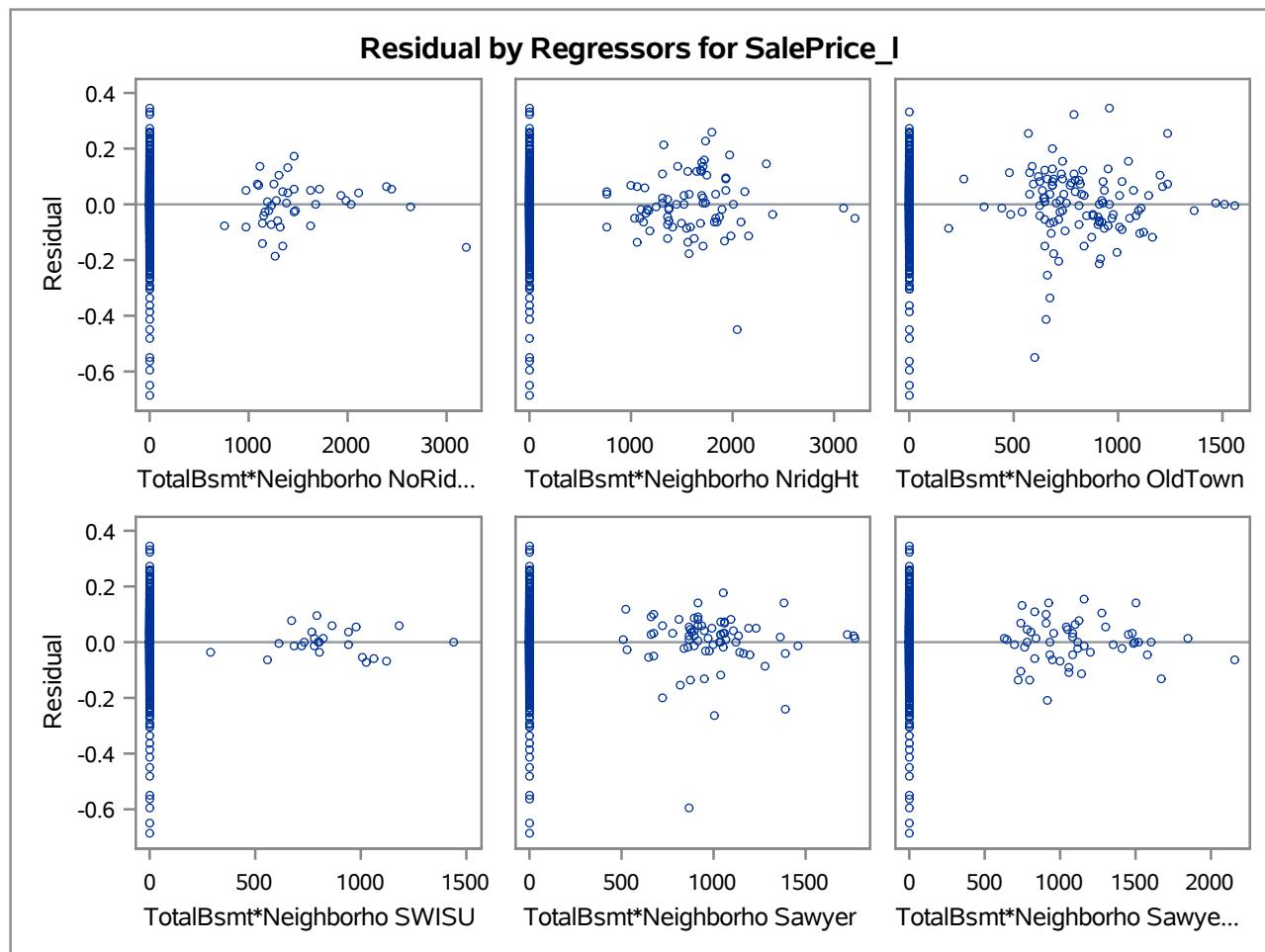
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Backward Selection Multiple Linear Regression

The REG Procedure

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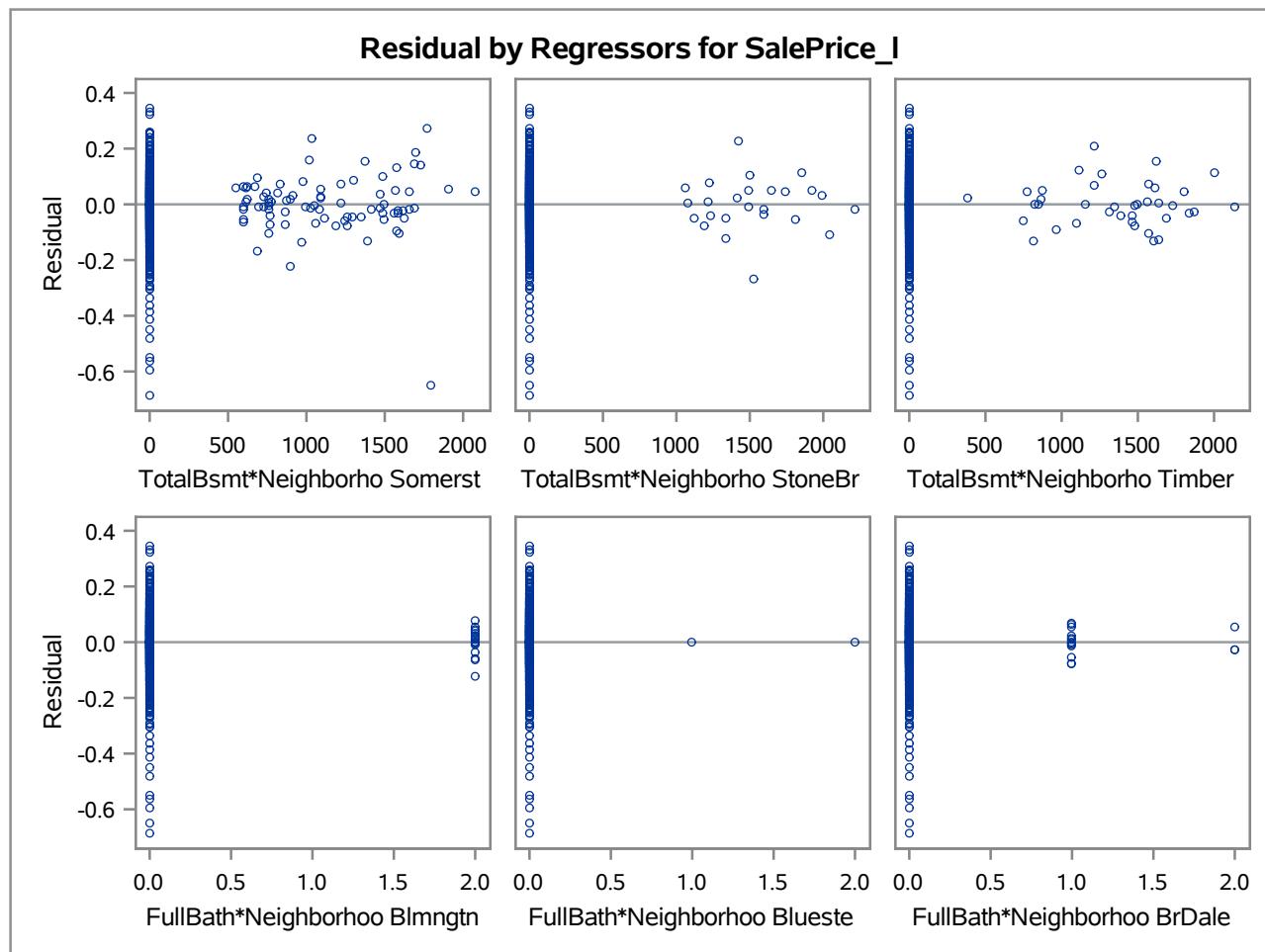


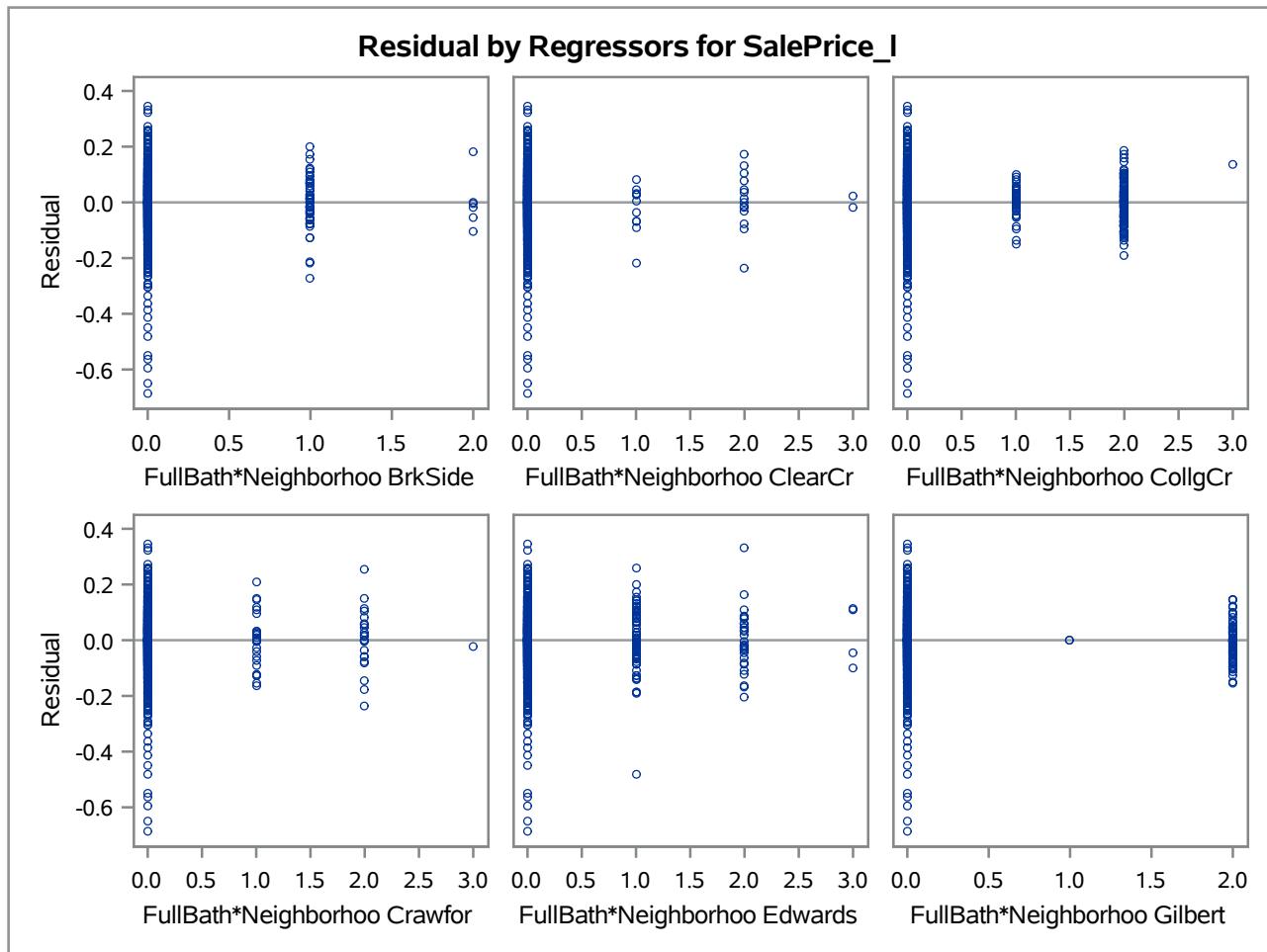
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The REG Procedure

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Dependent Variable: SalePrice_I



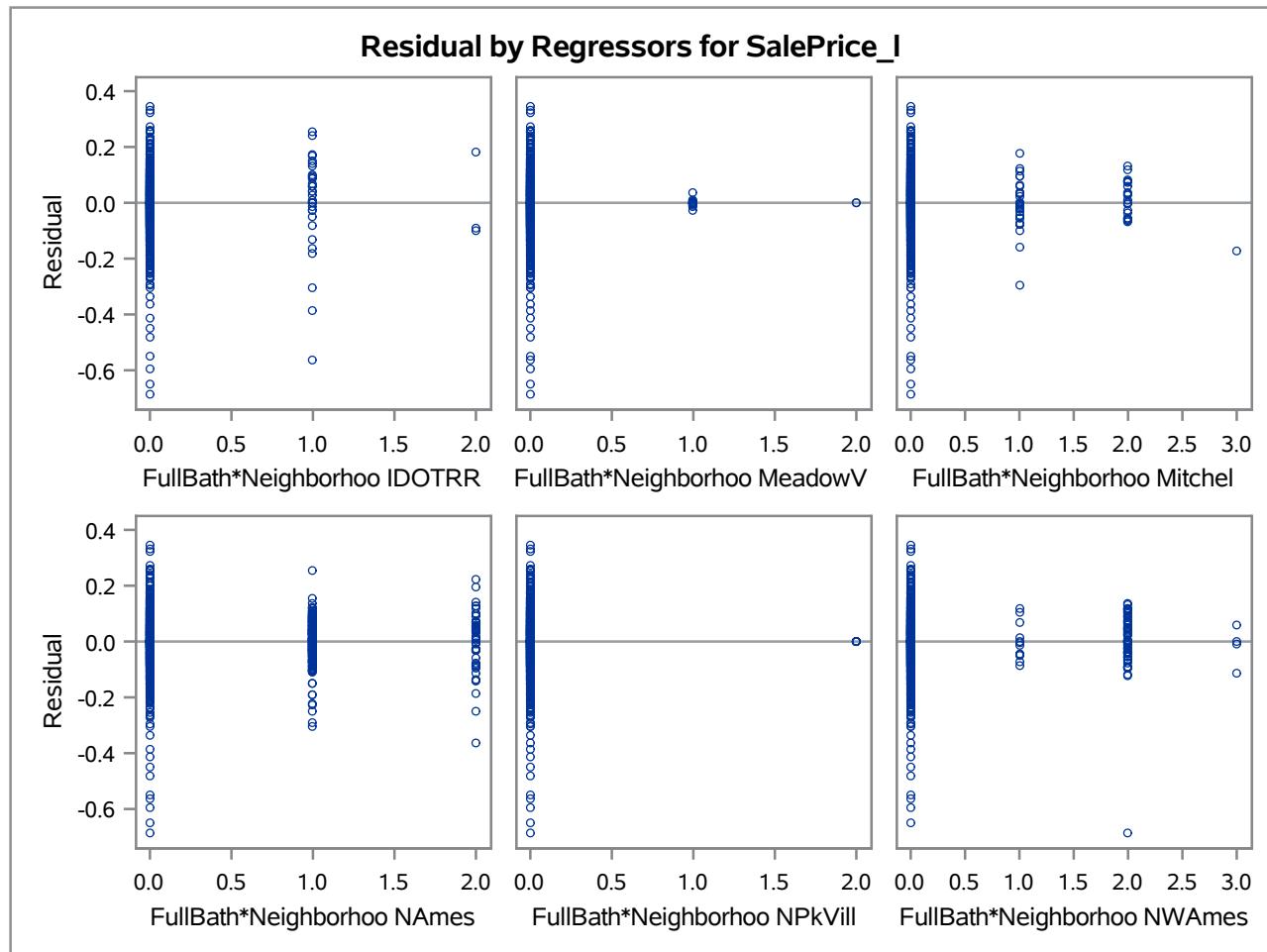
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Backward Selection Multiple Linear Regression

The REG Procedure

Model: MODEL1

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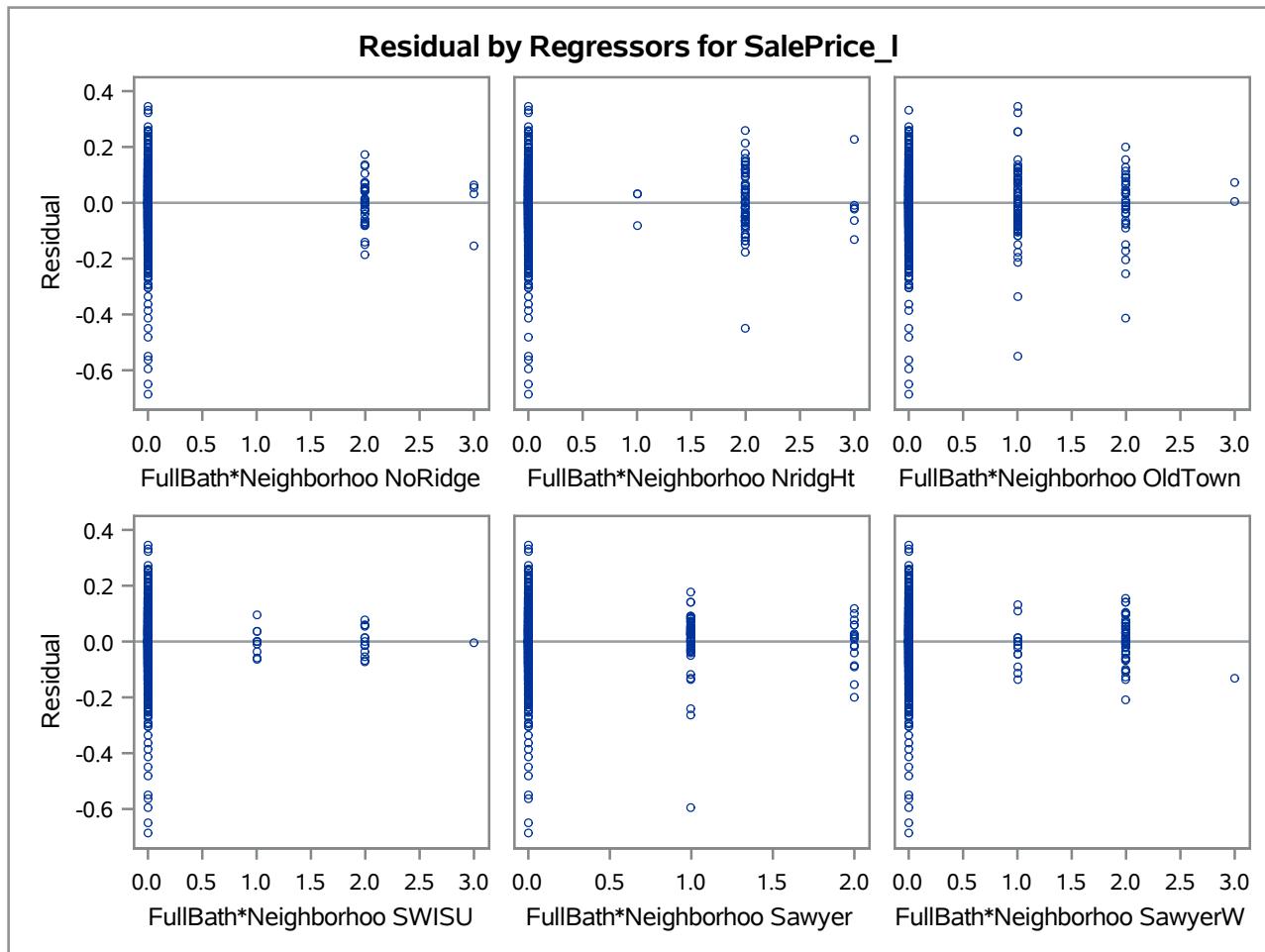


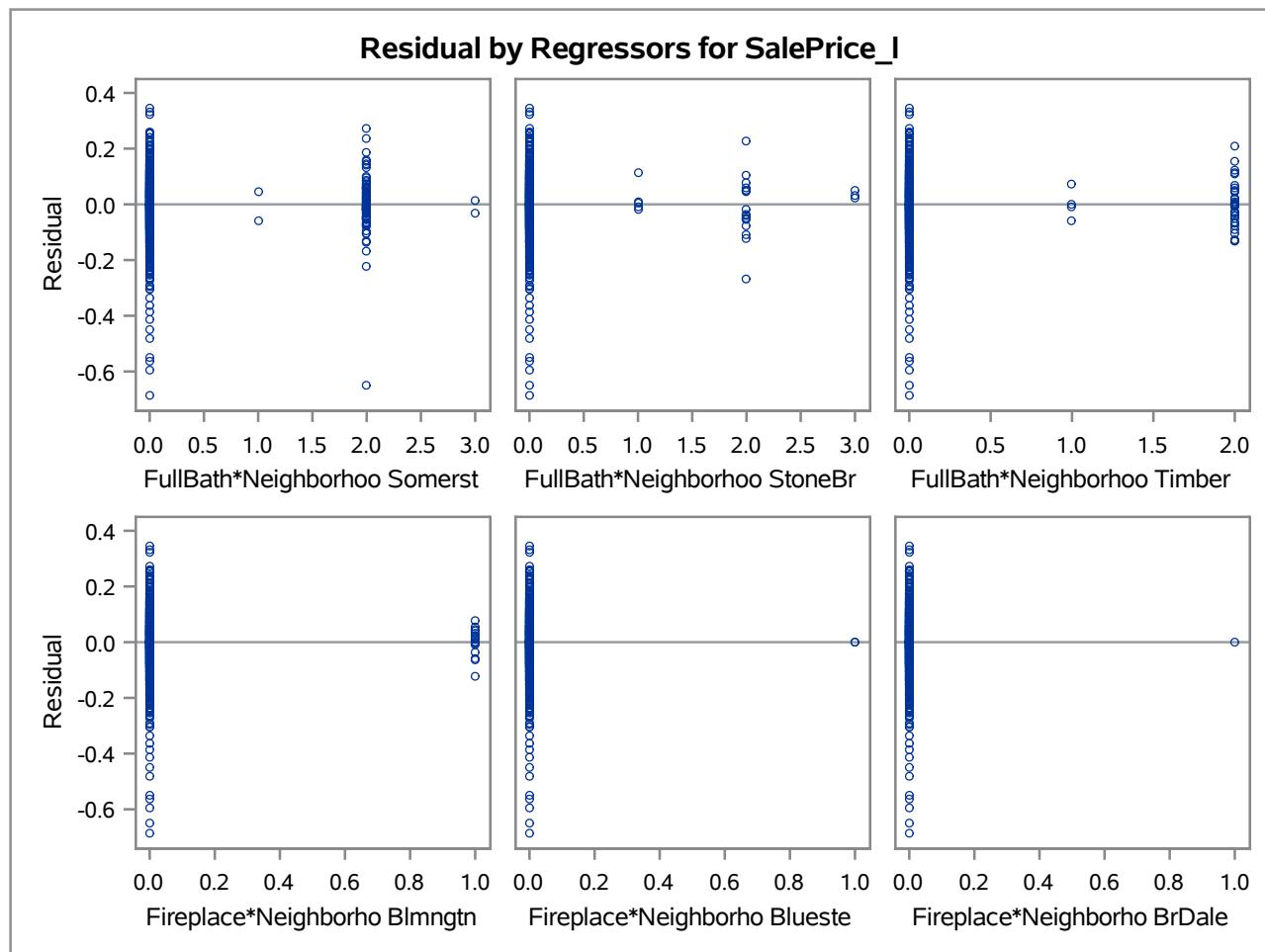
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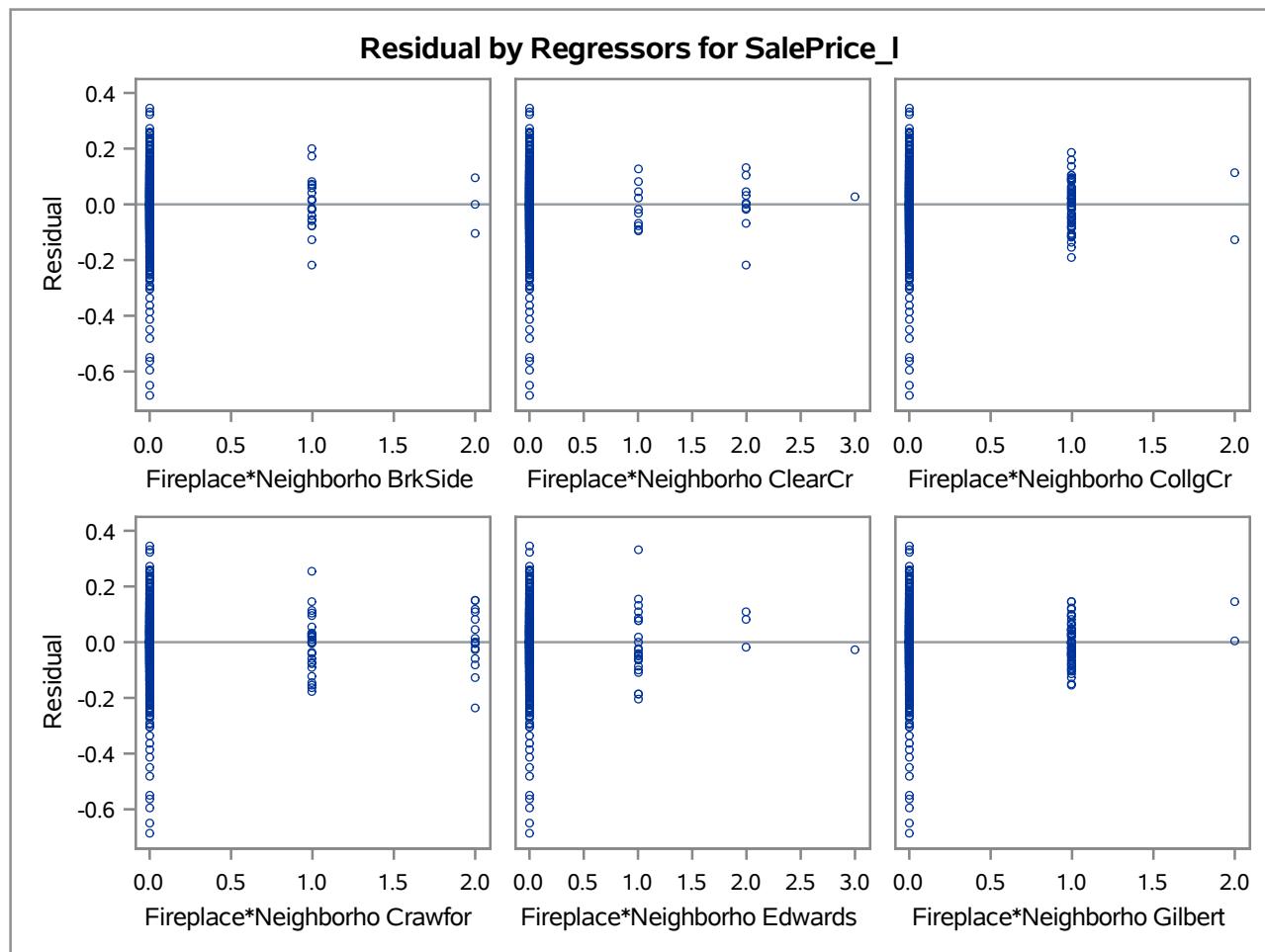
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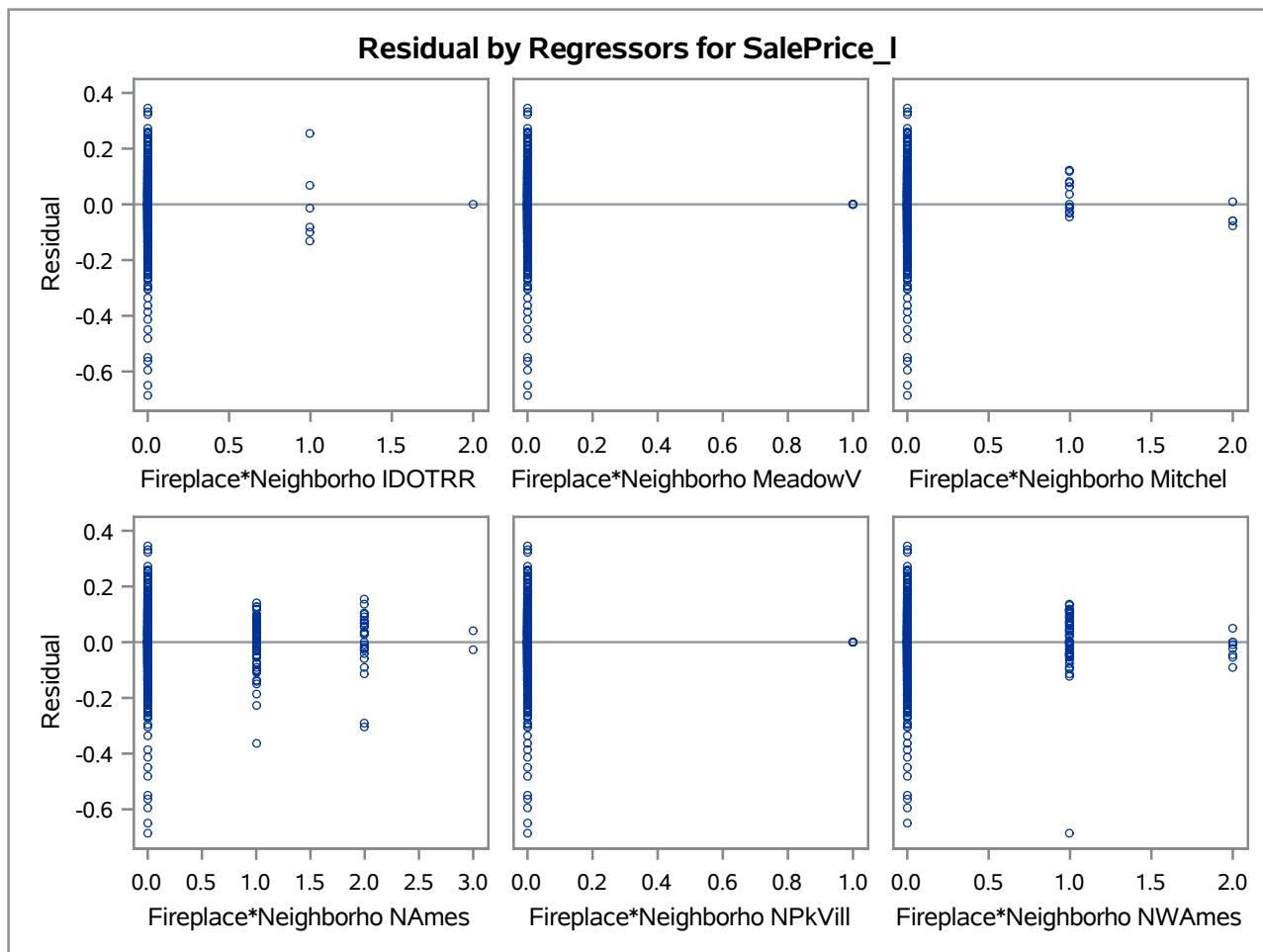
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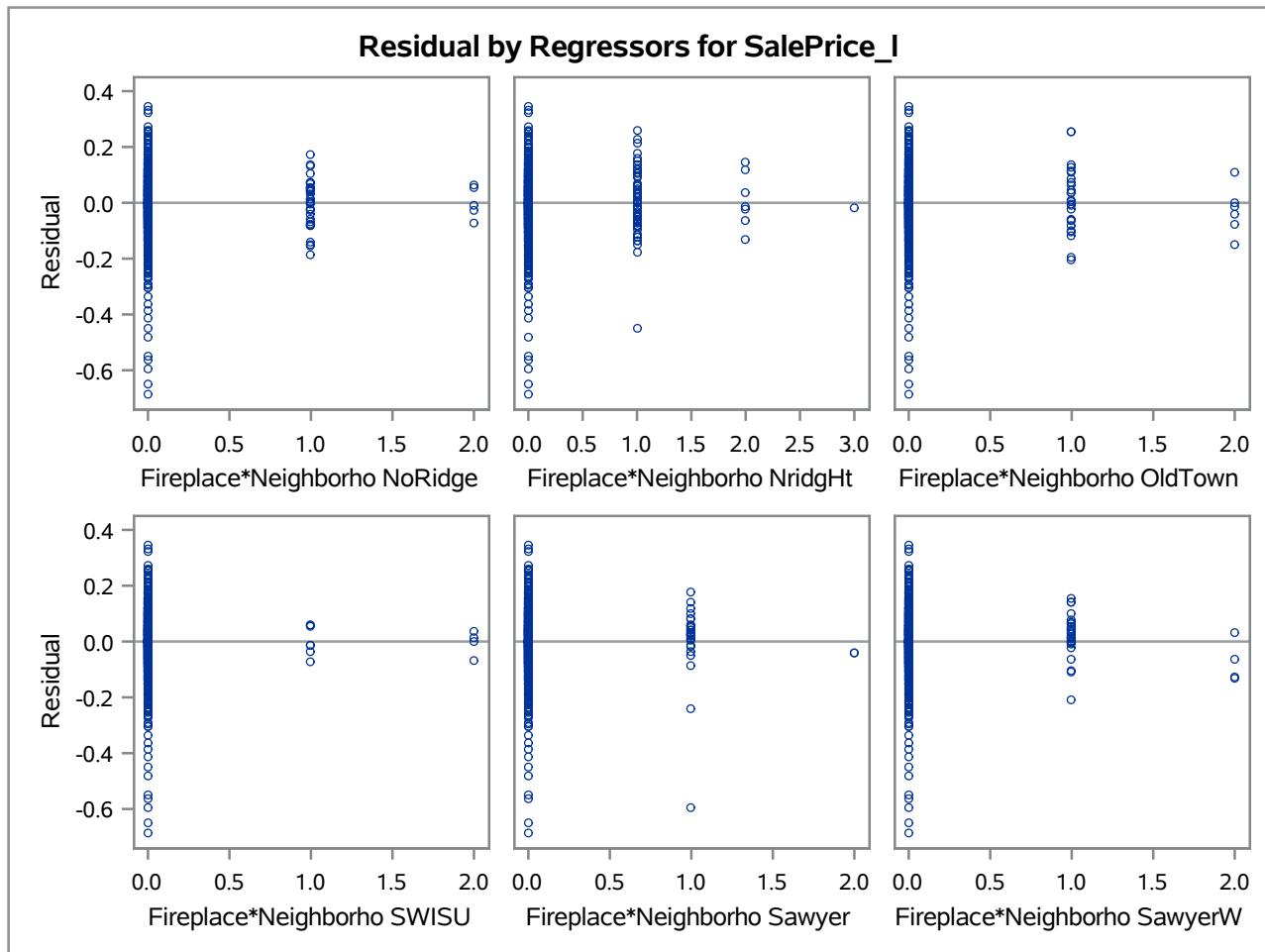
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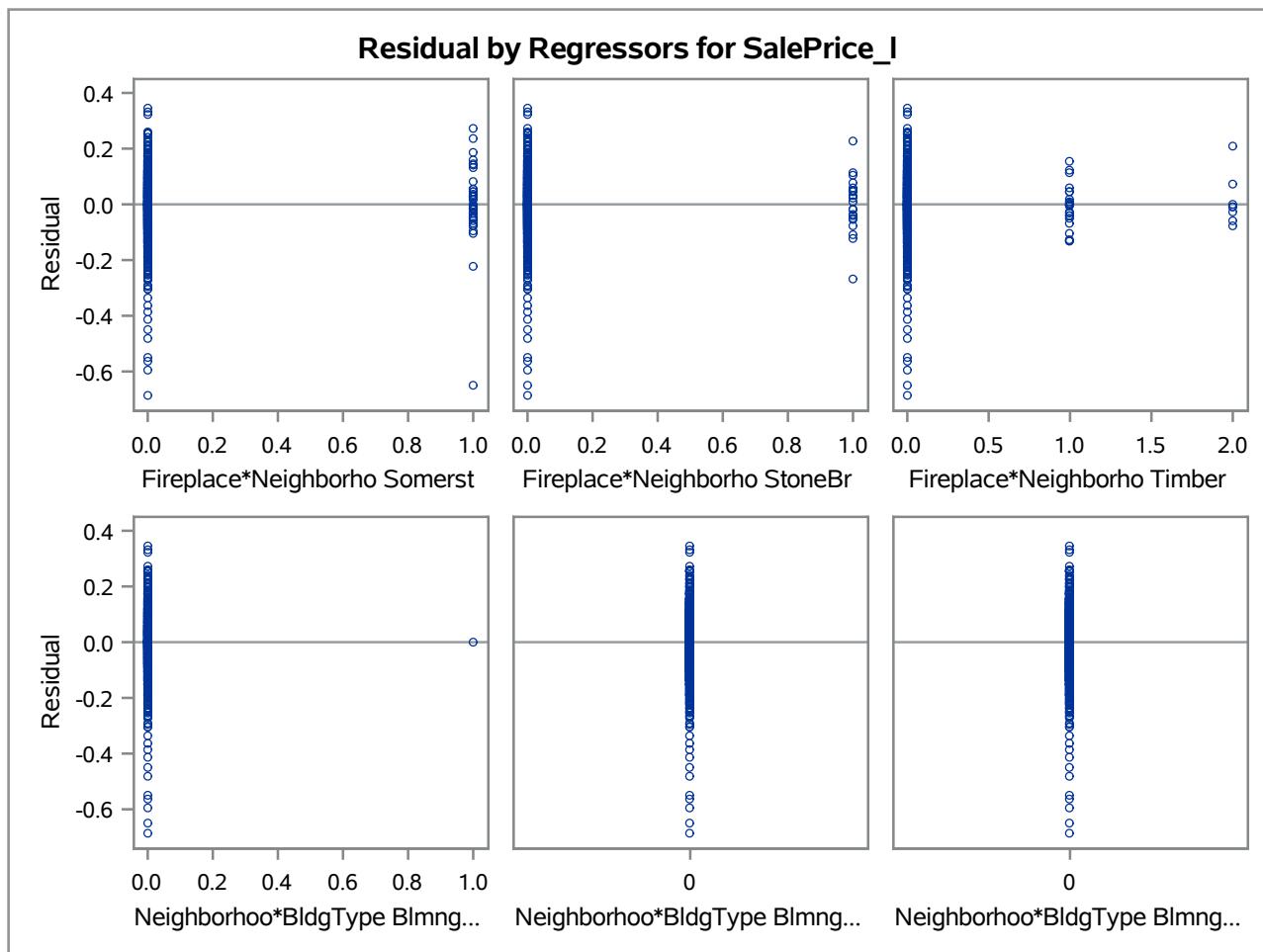


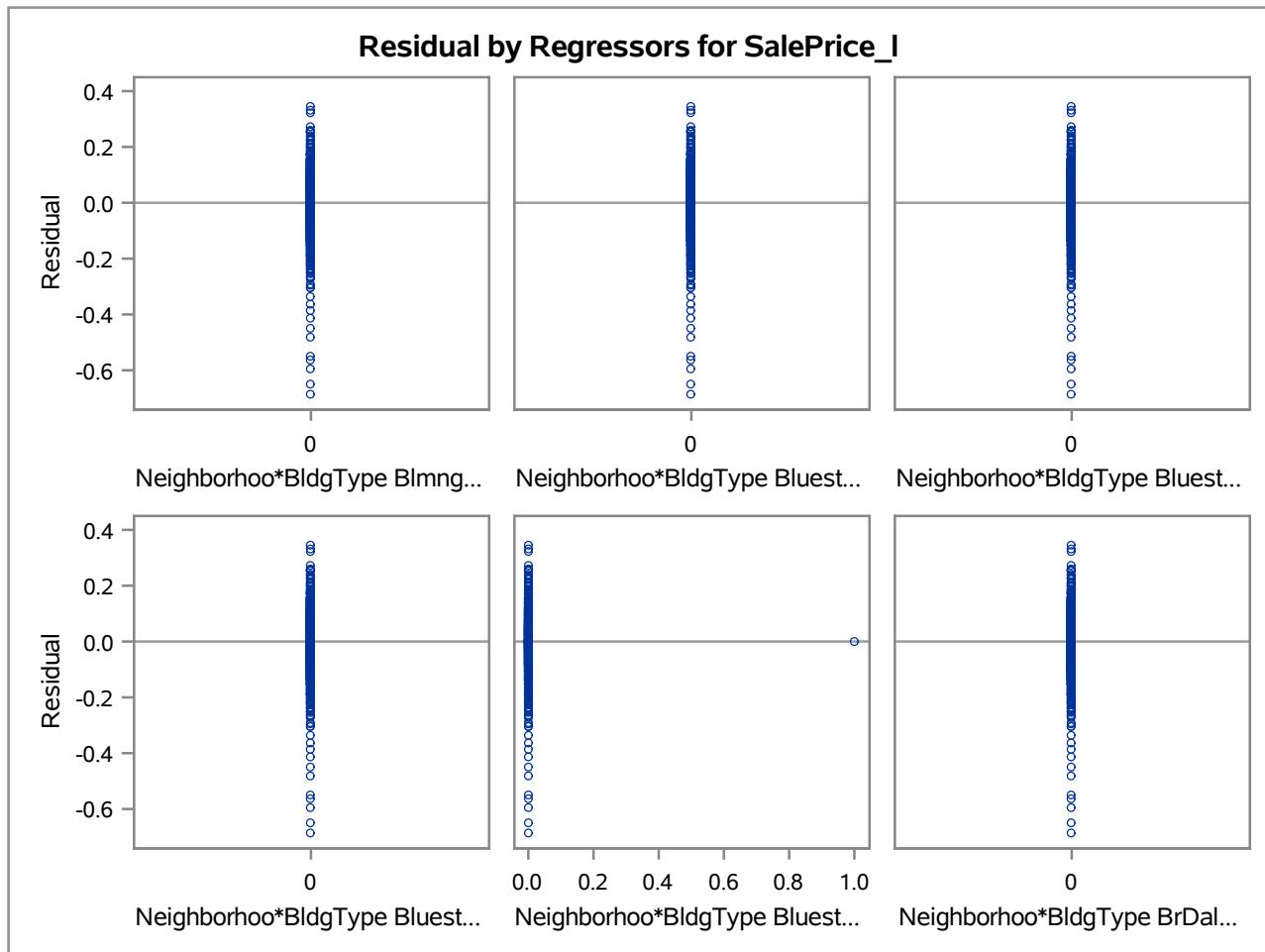
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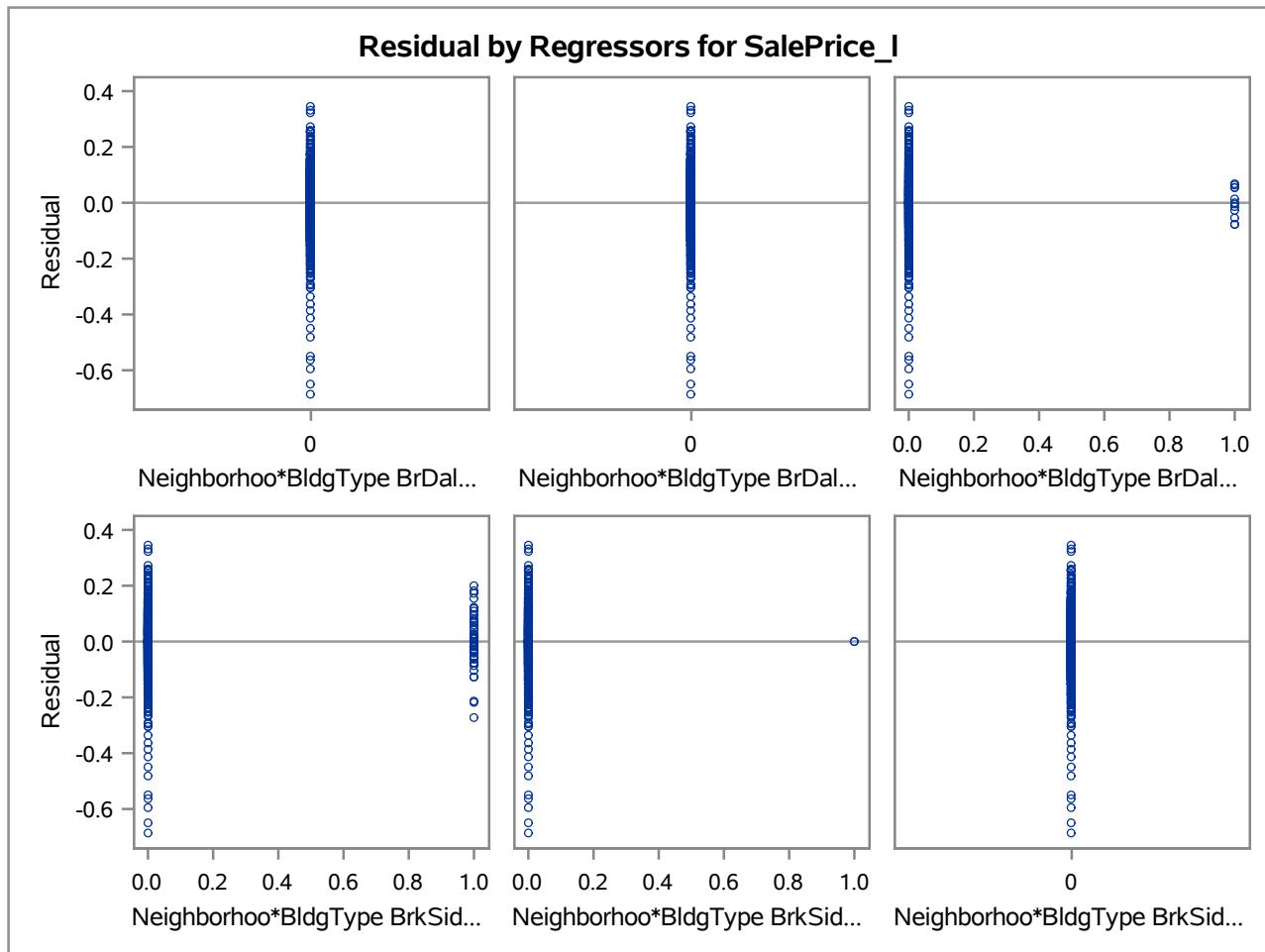
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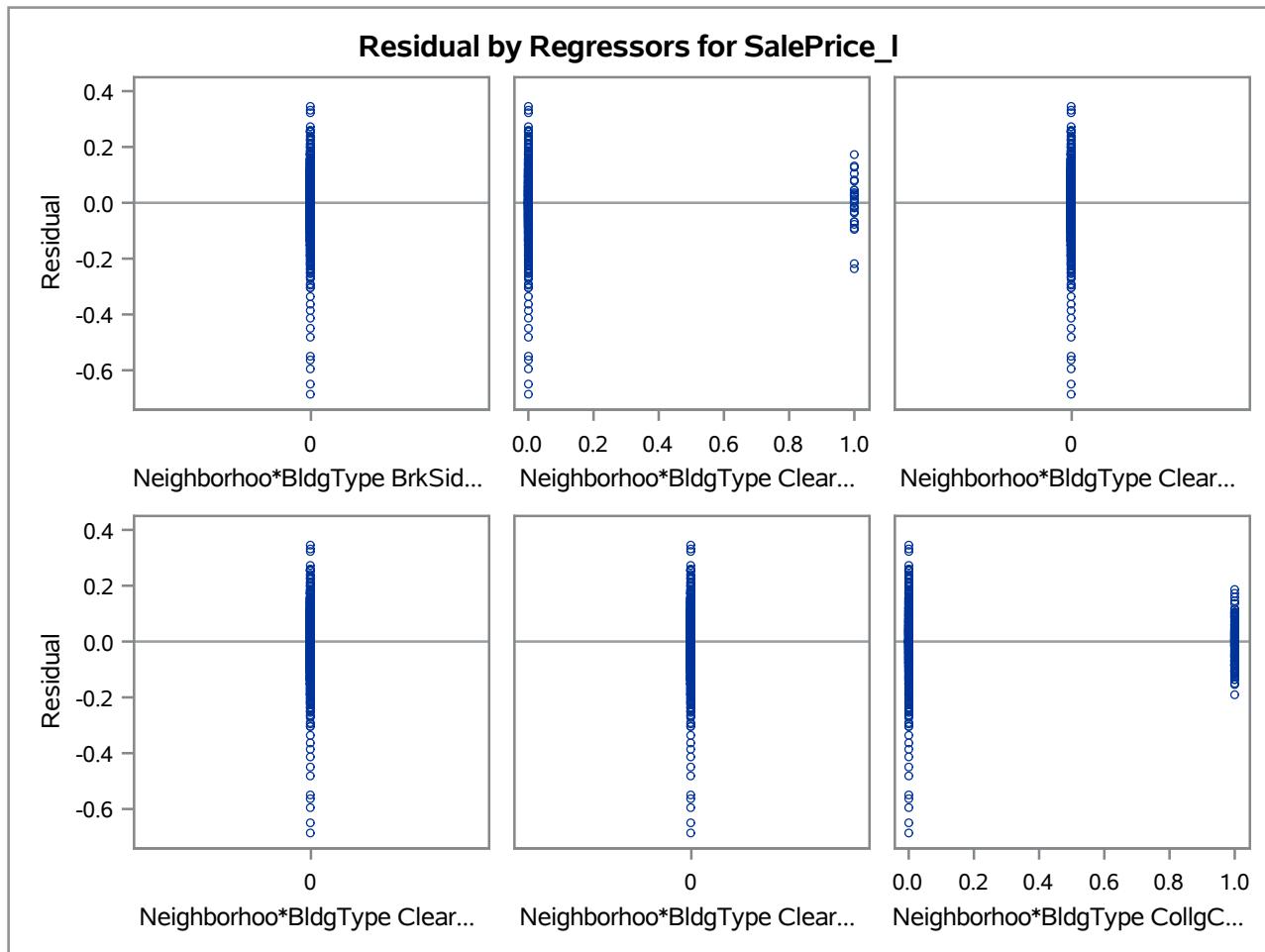
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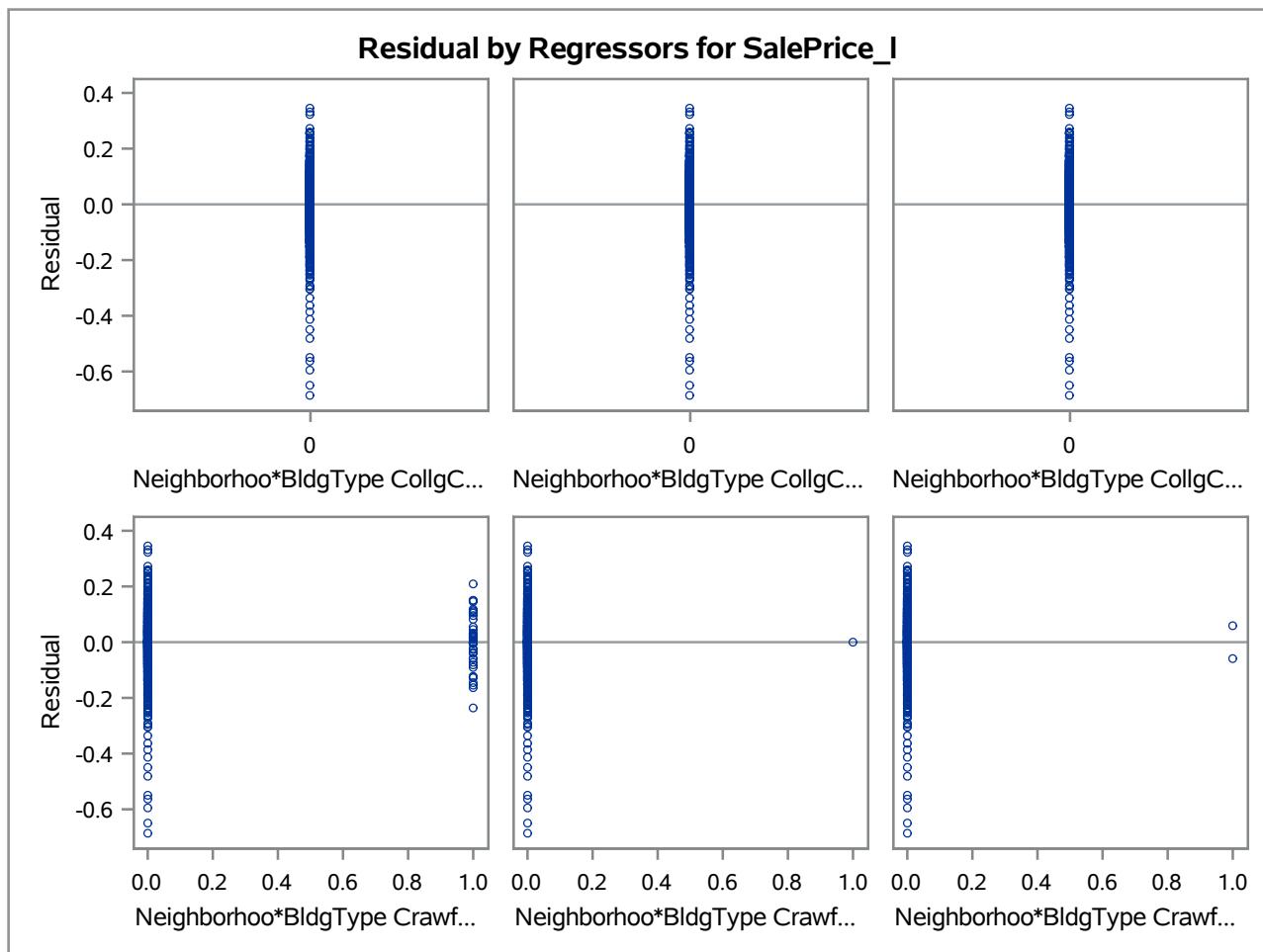
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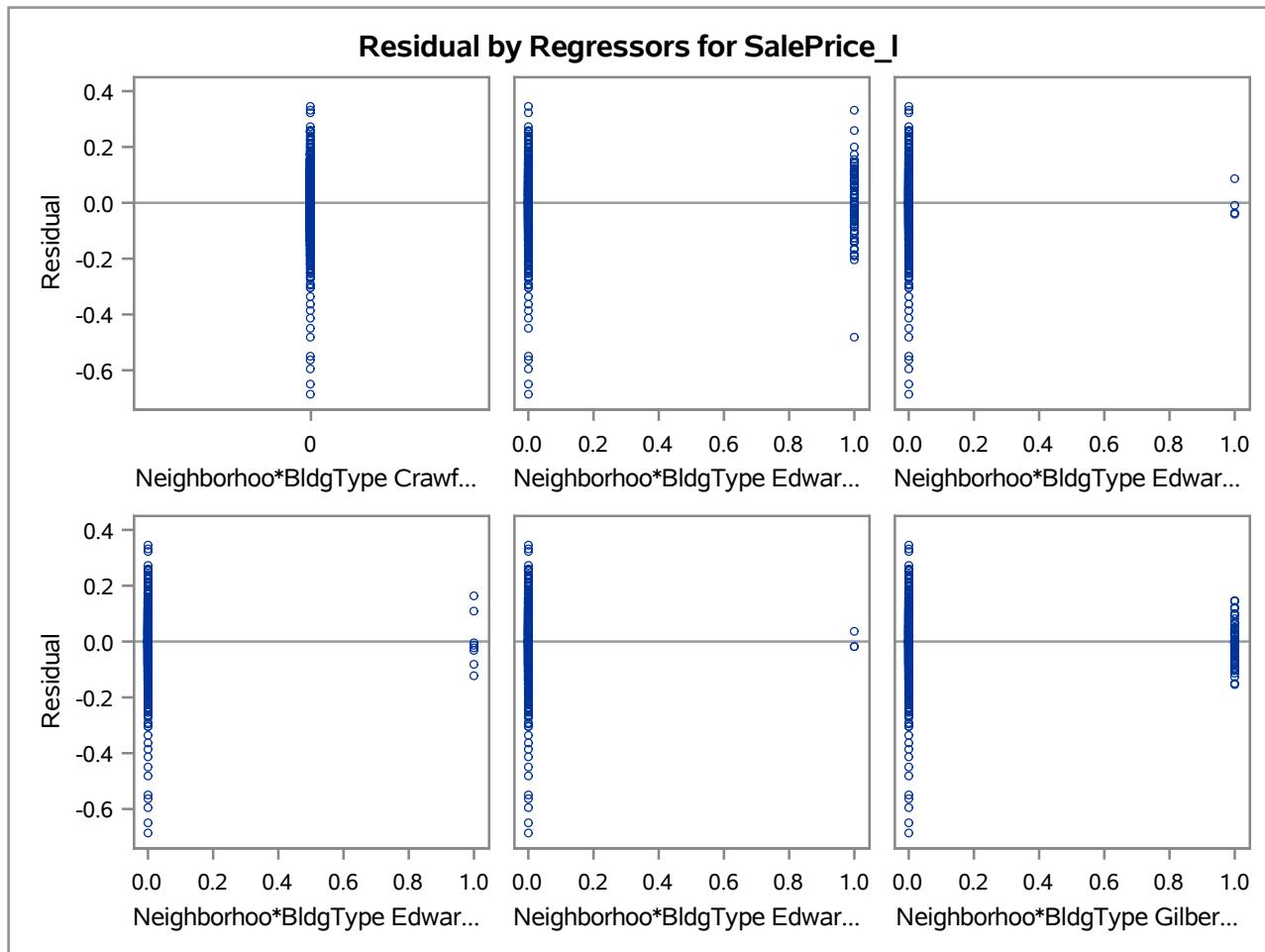
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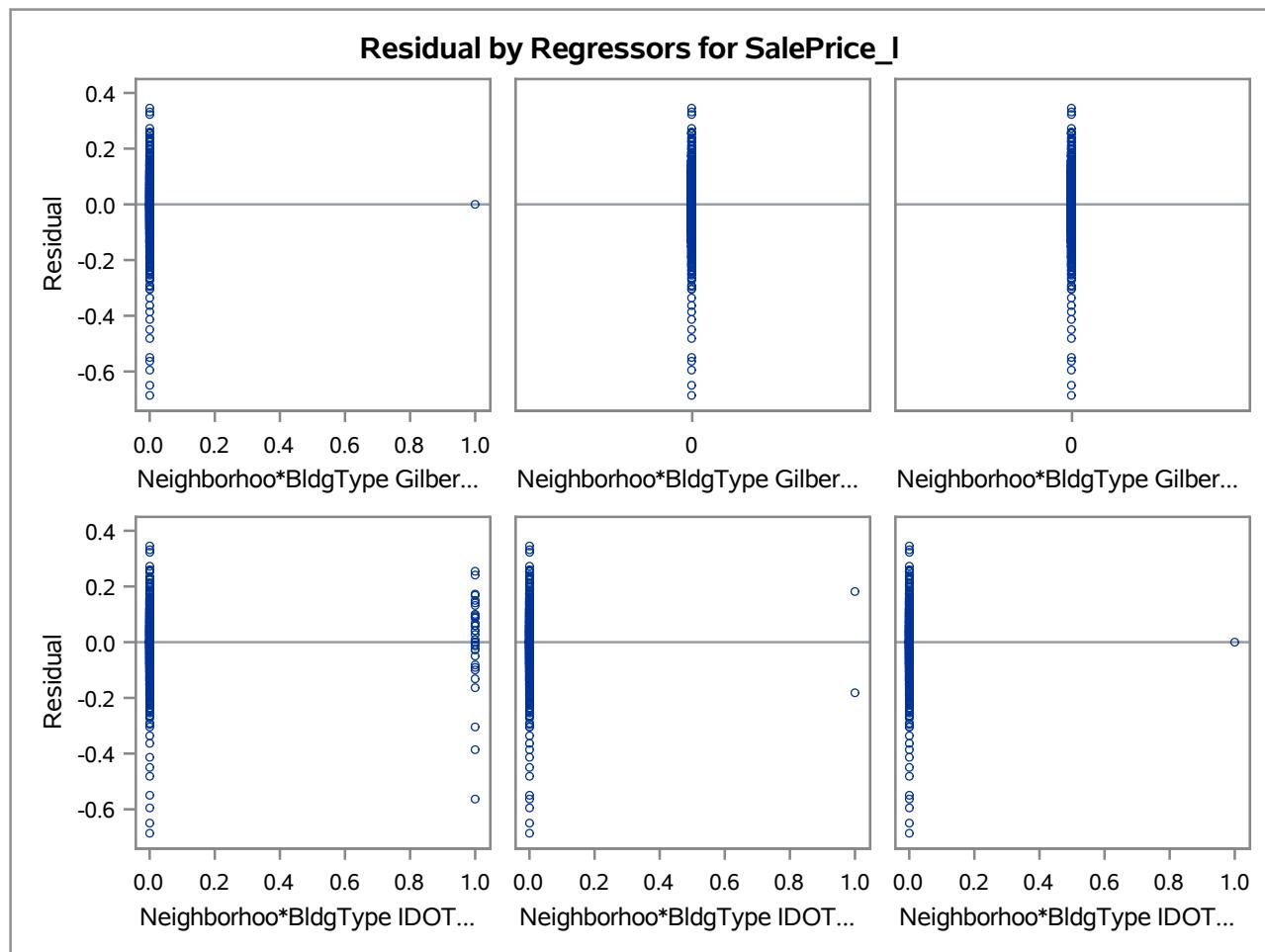
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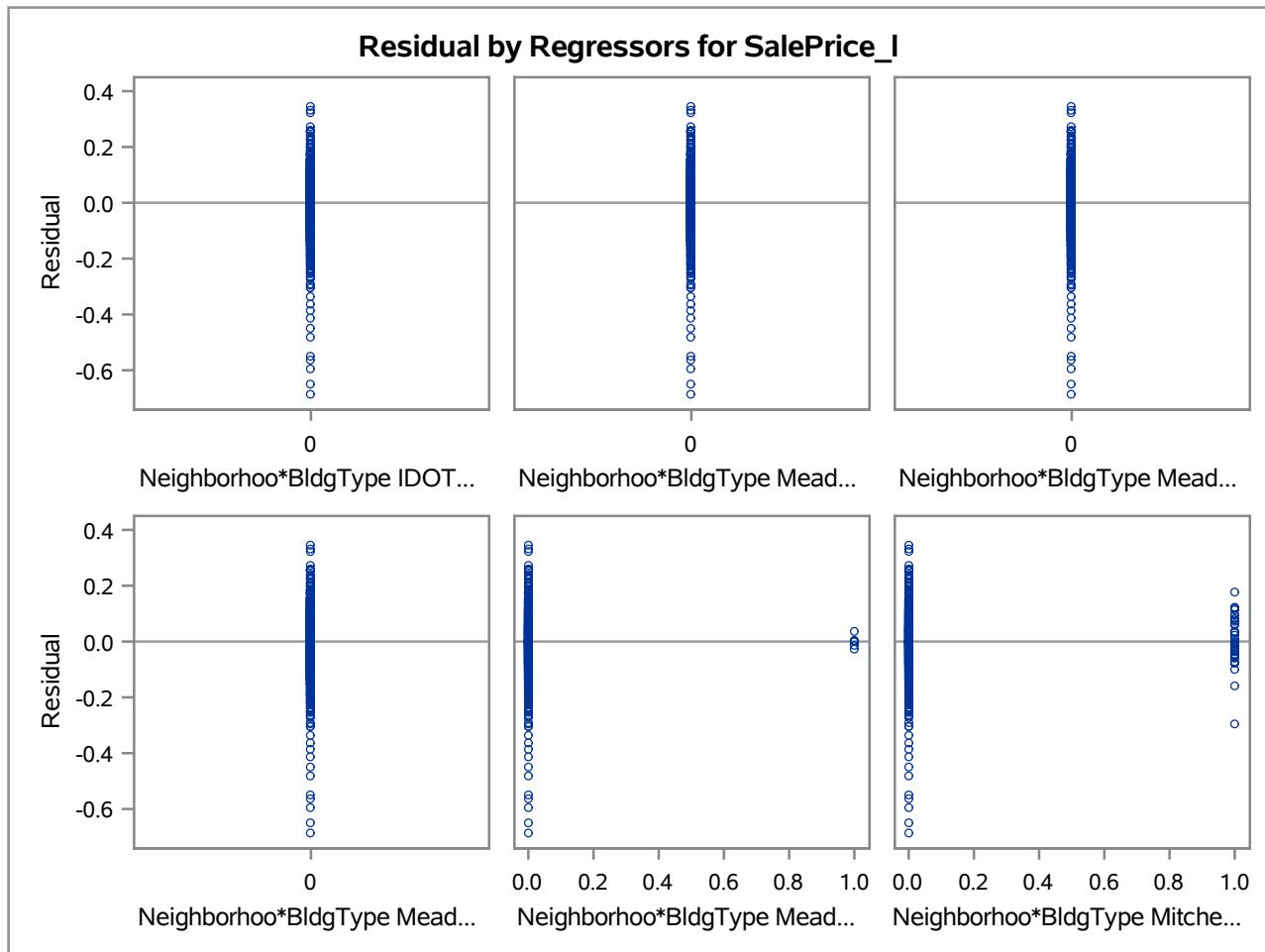
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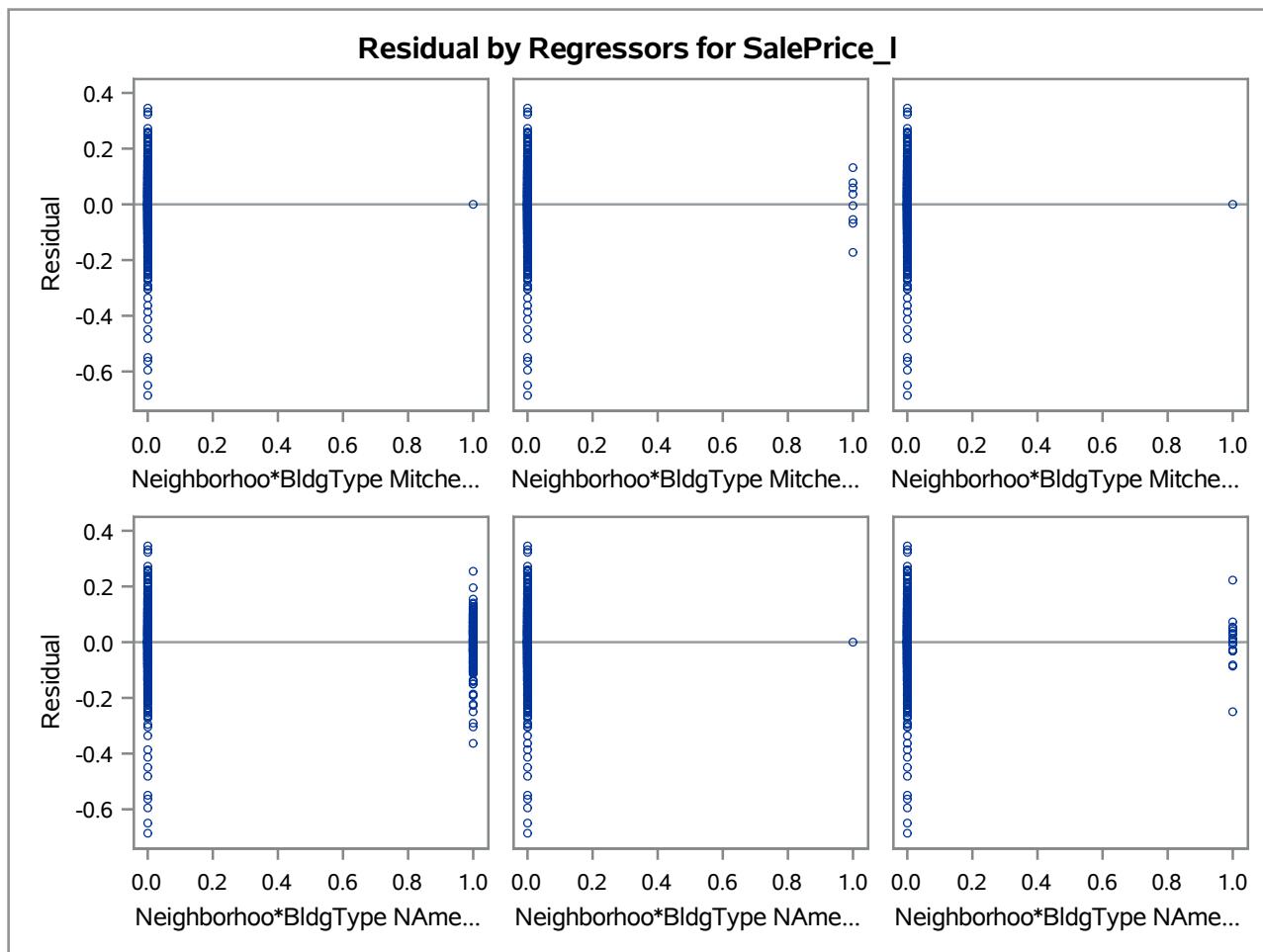
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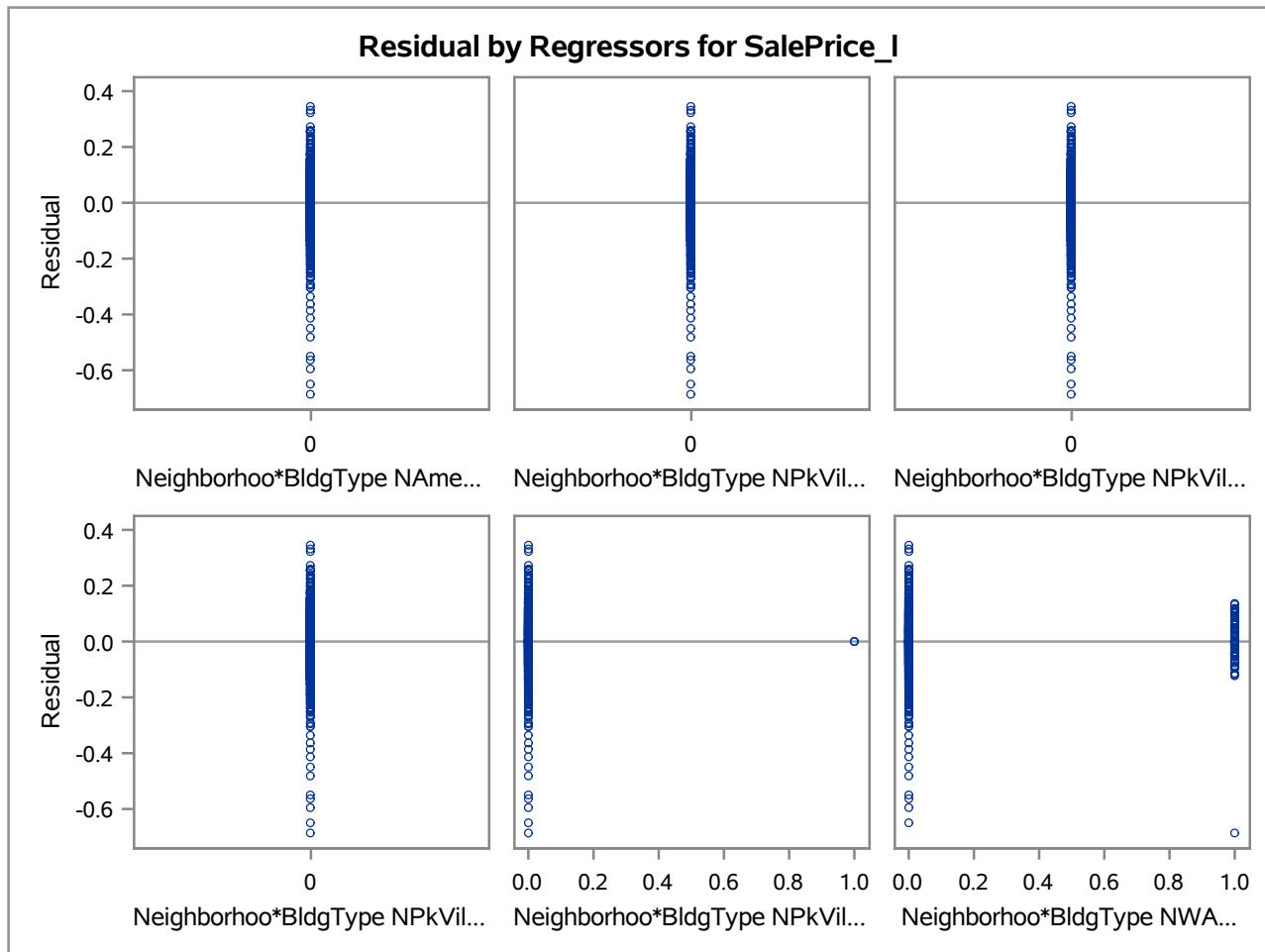
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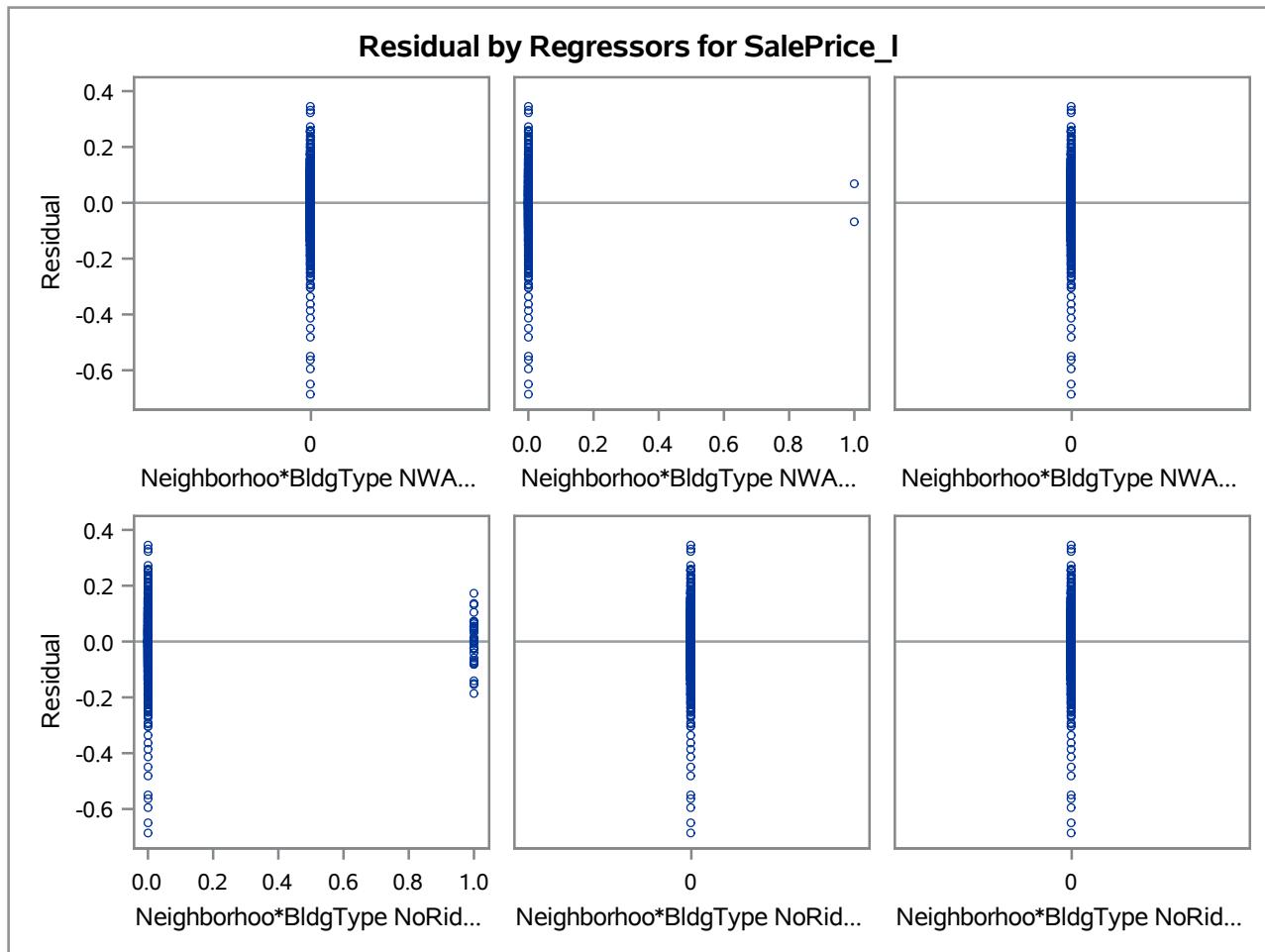
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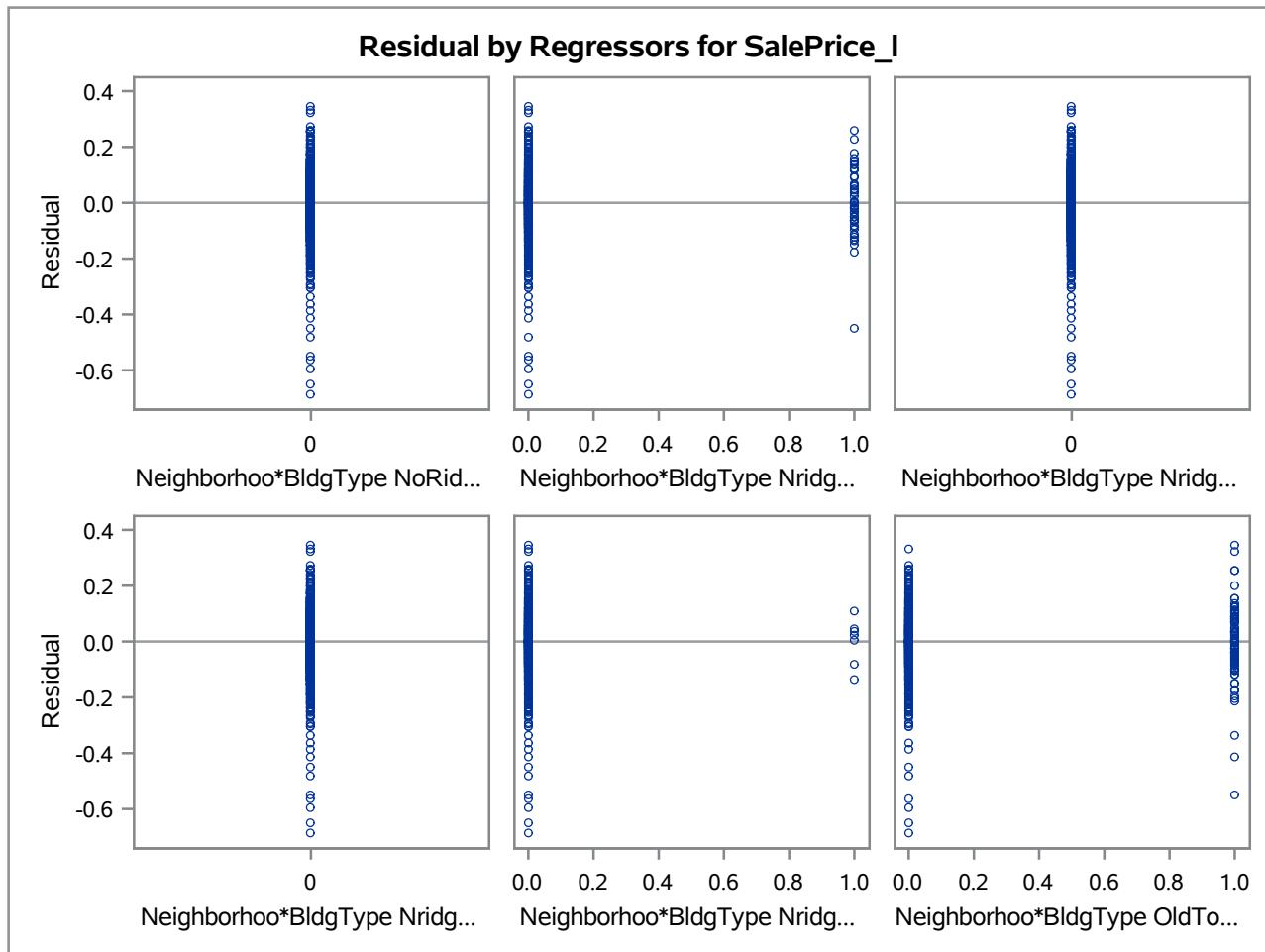
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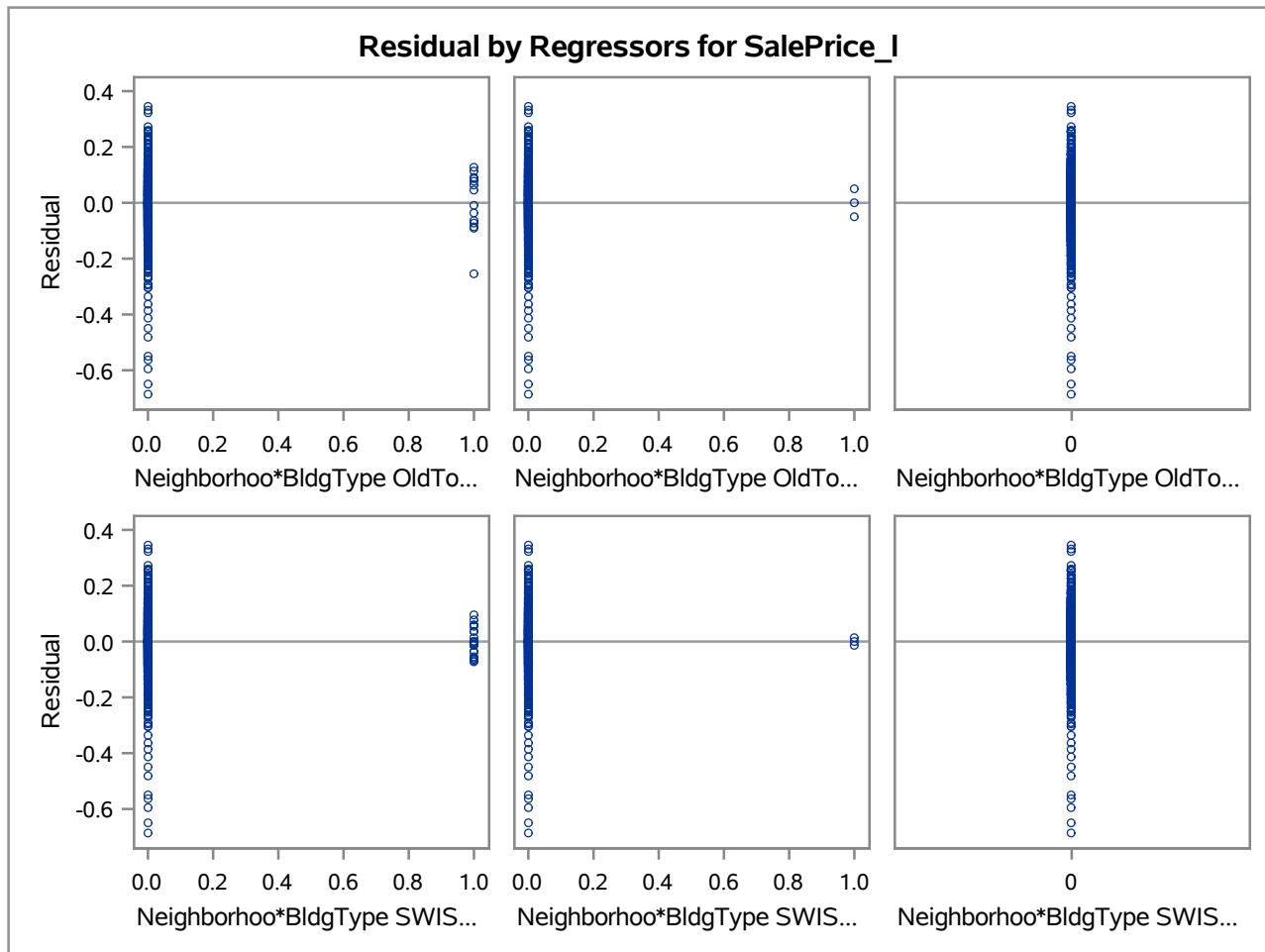
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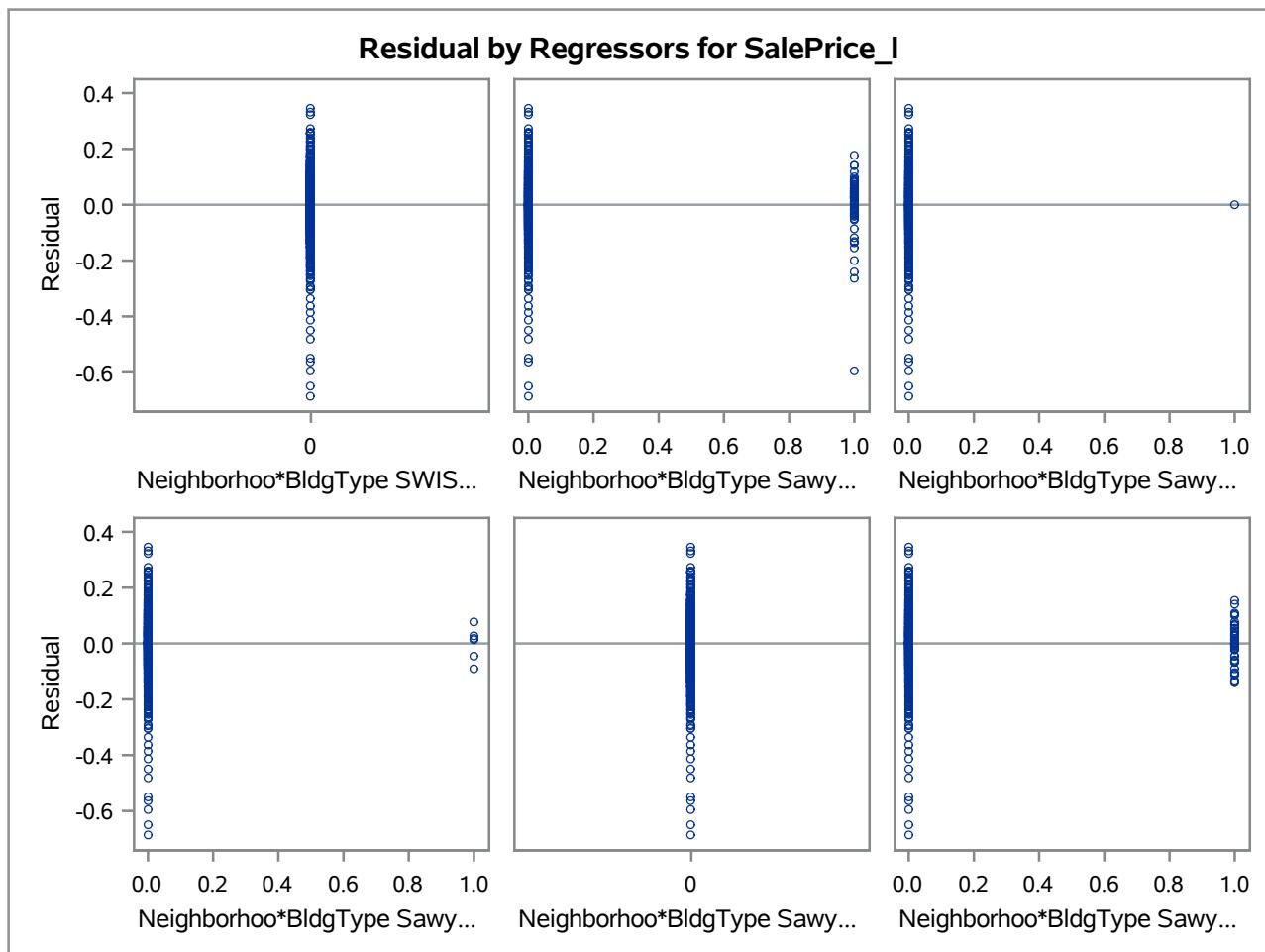
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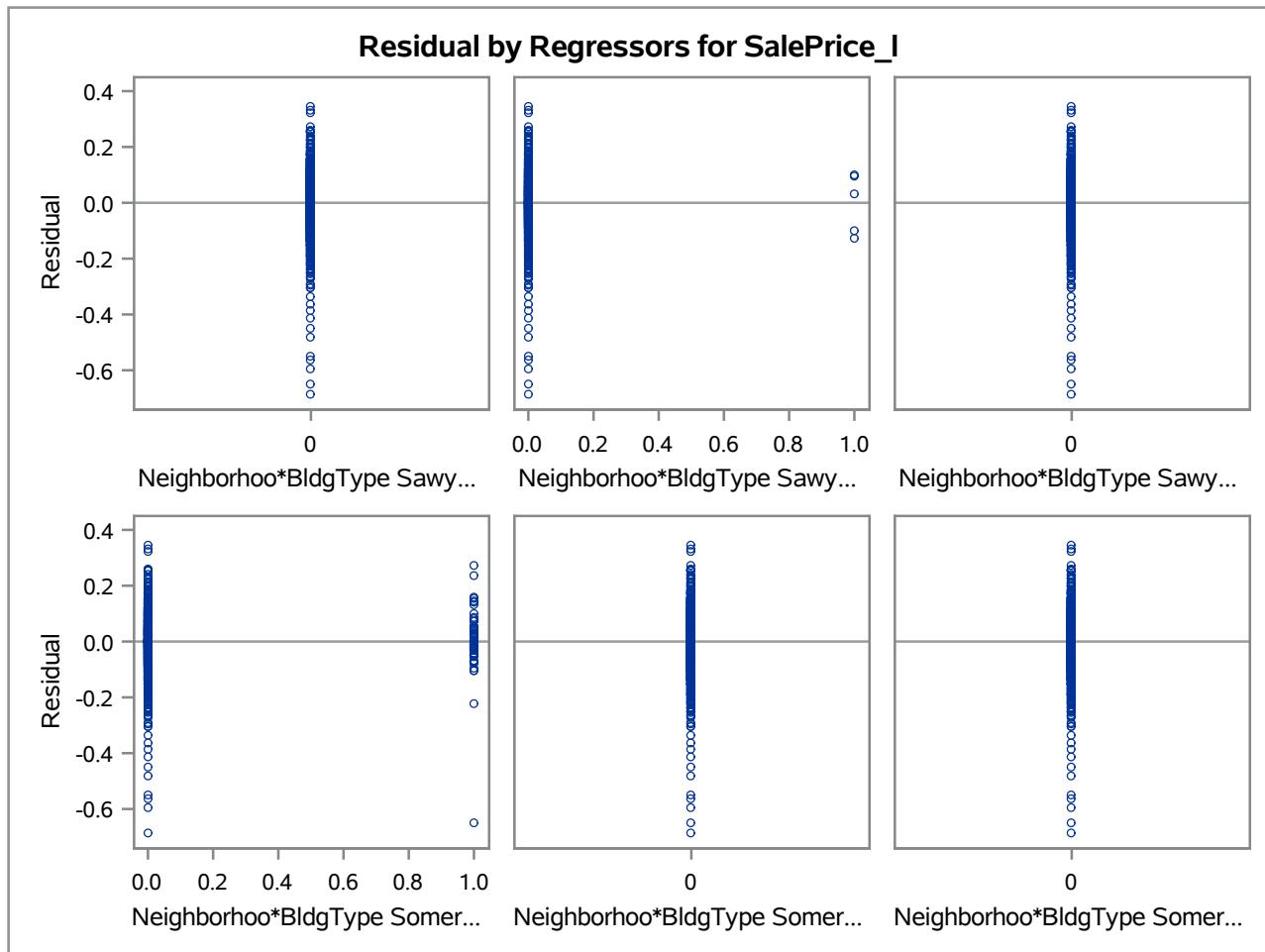
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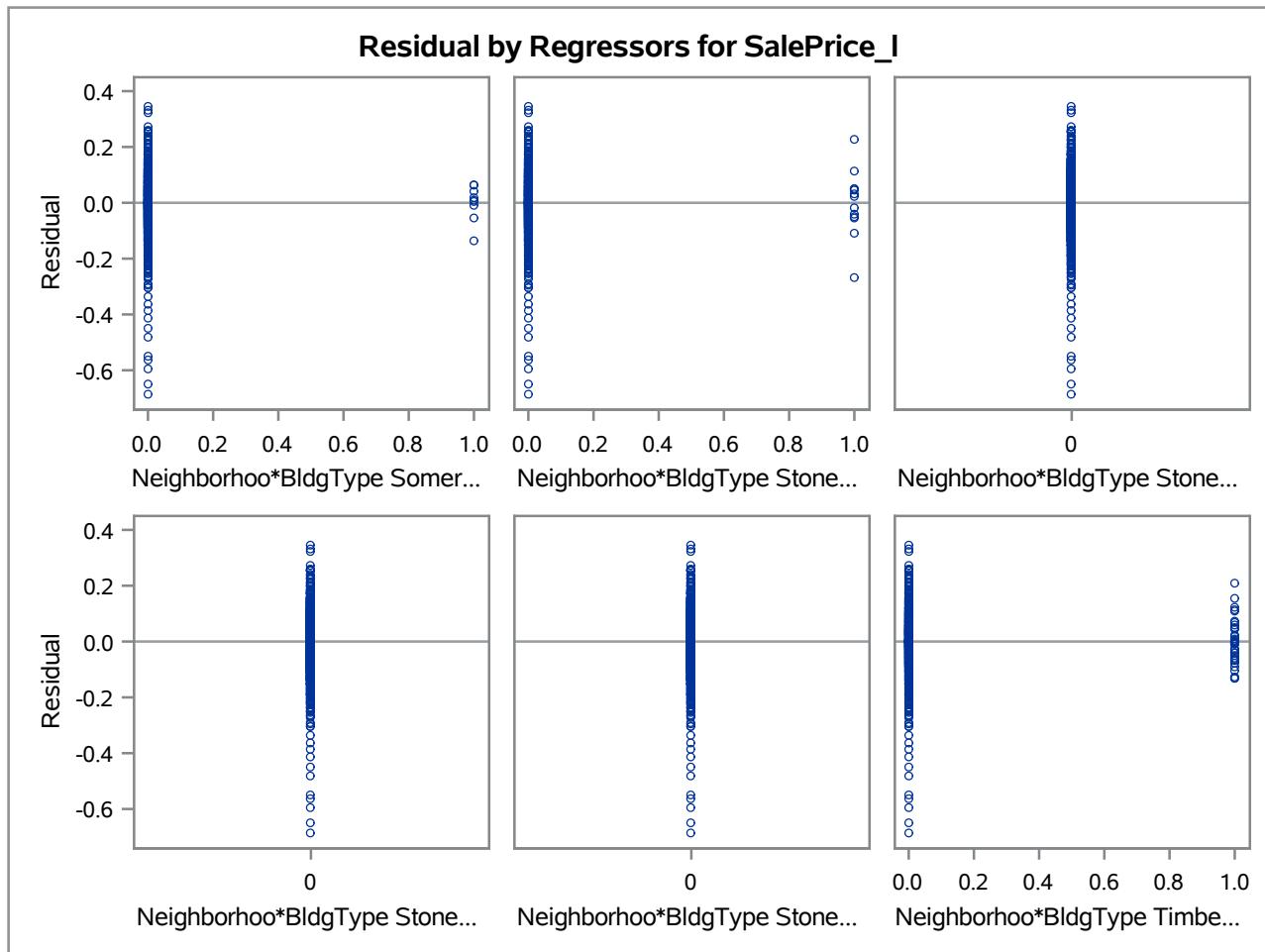
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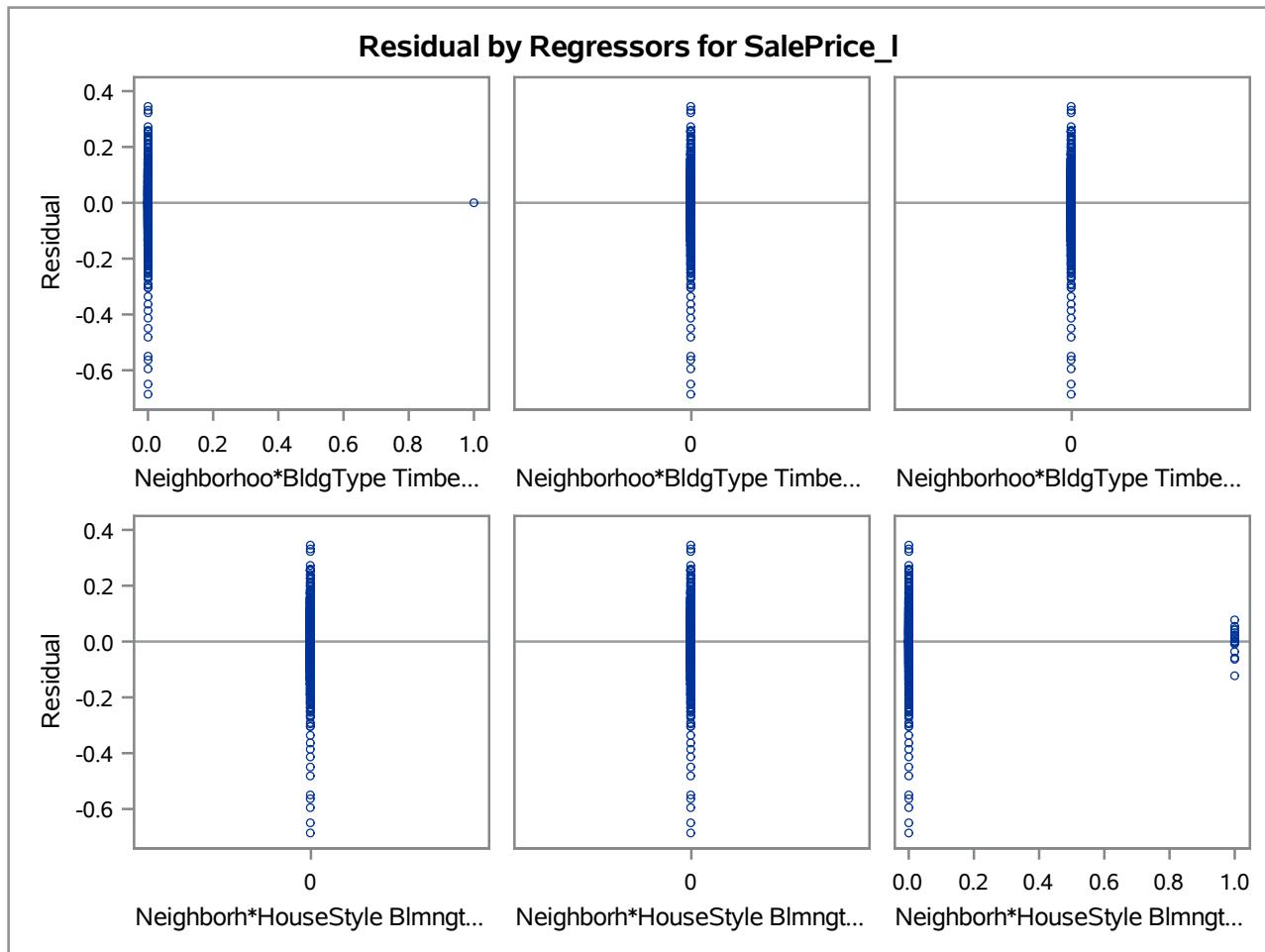
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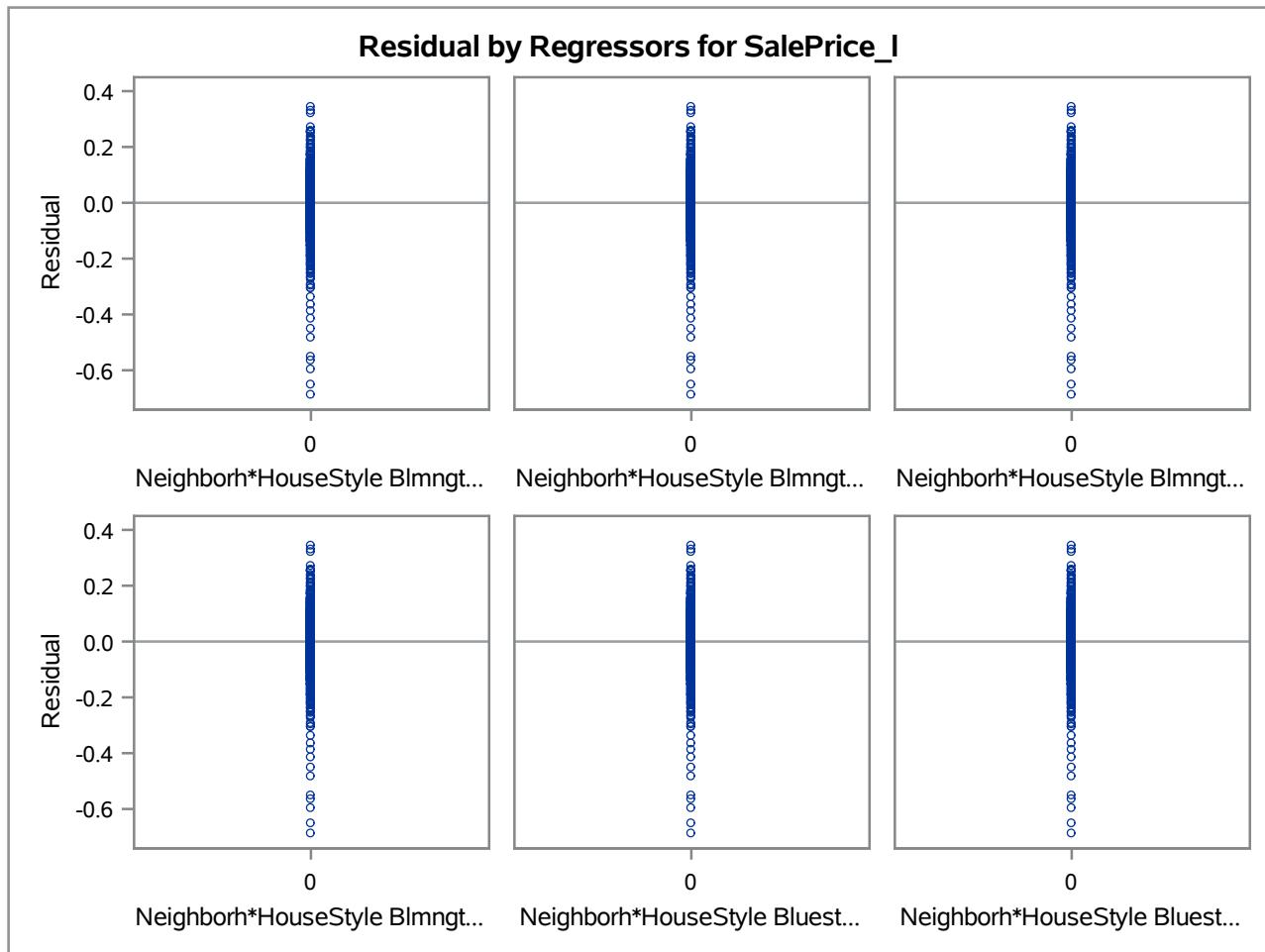
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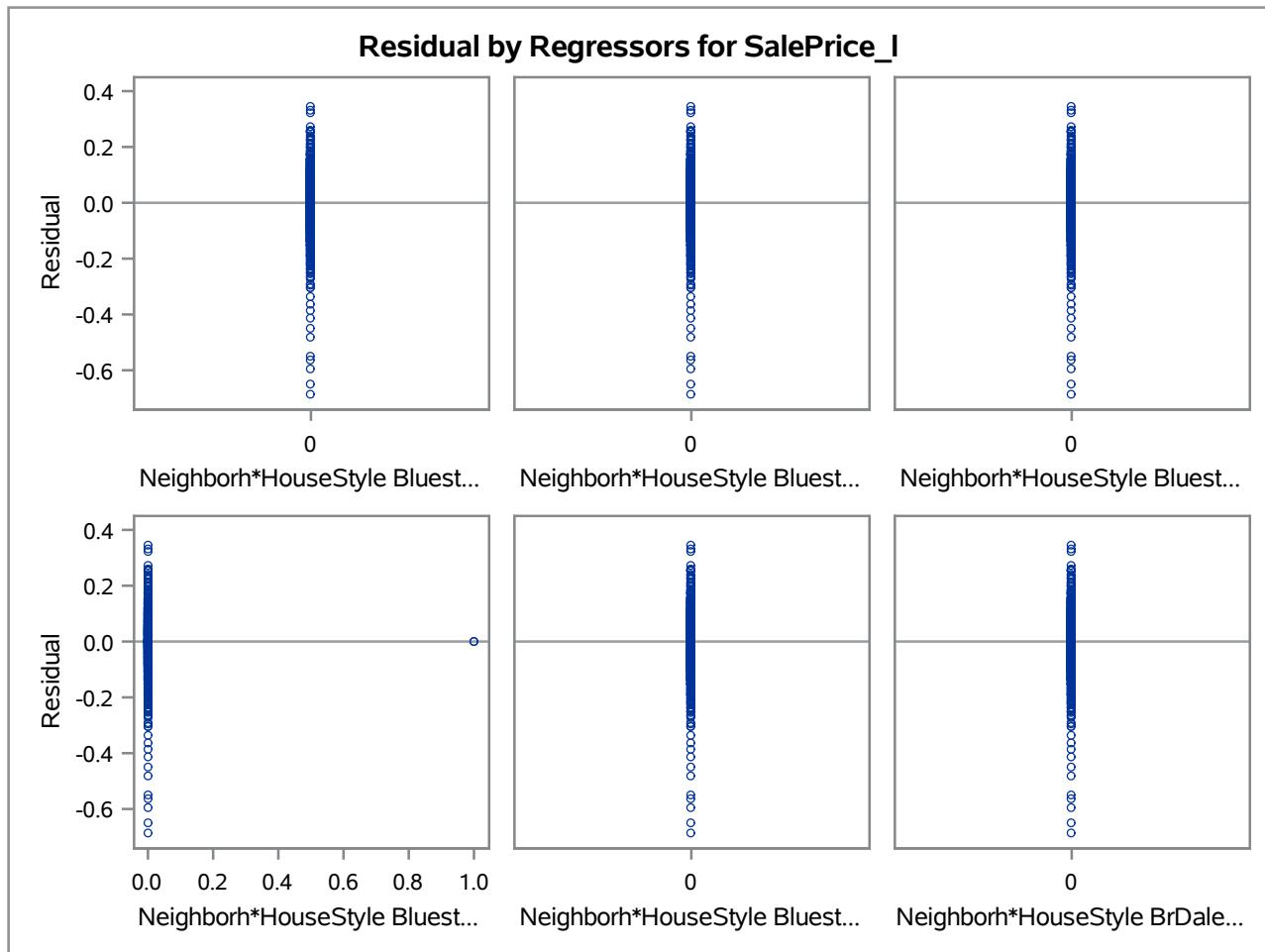
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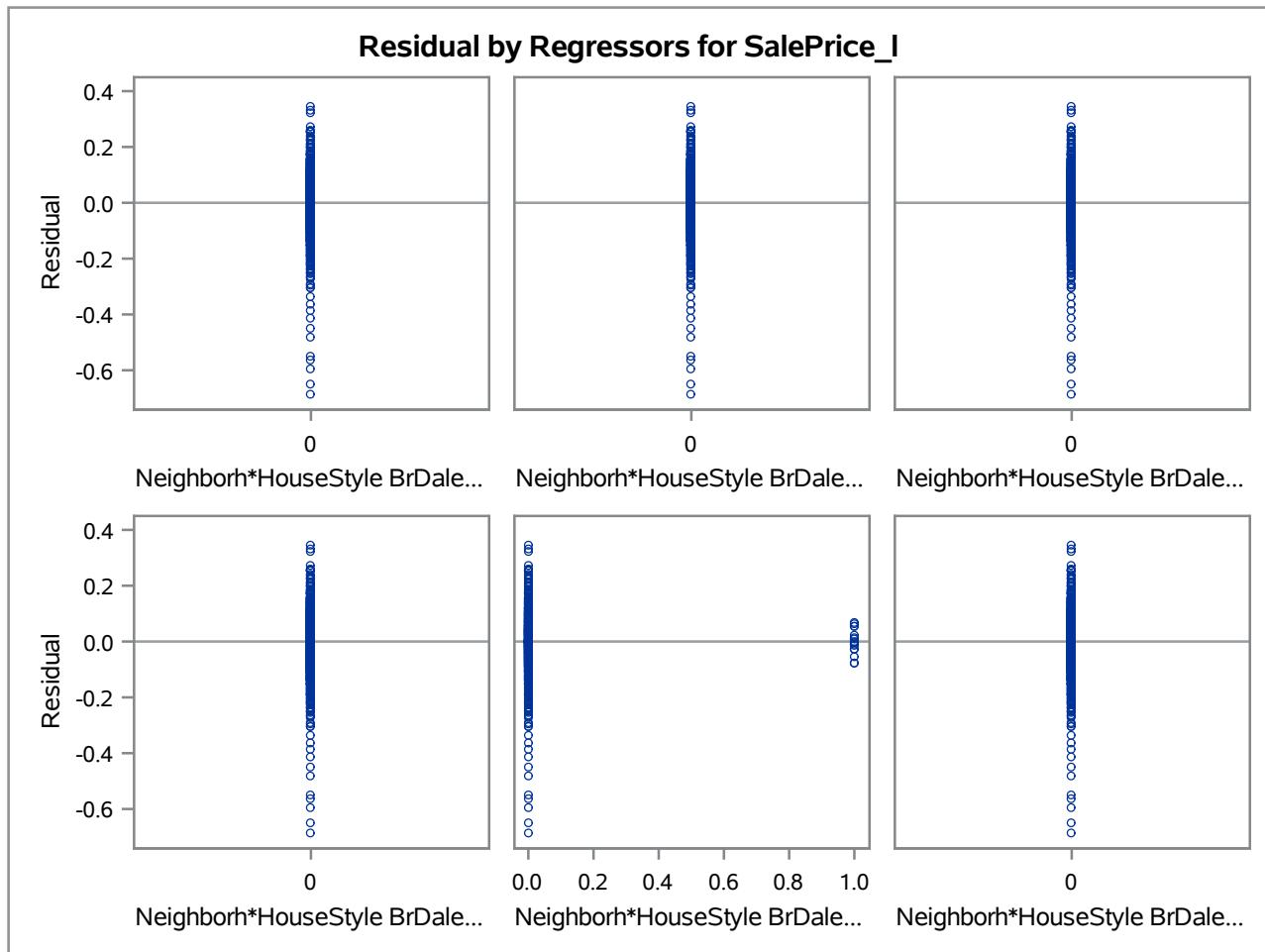
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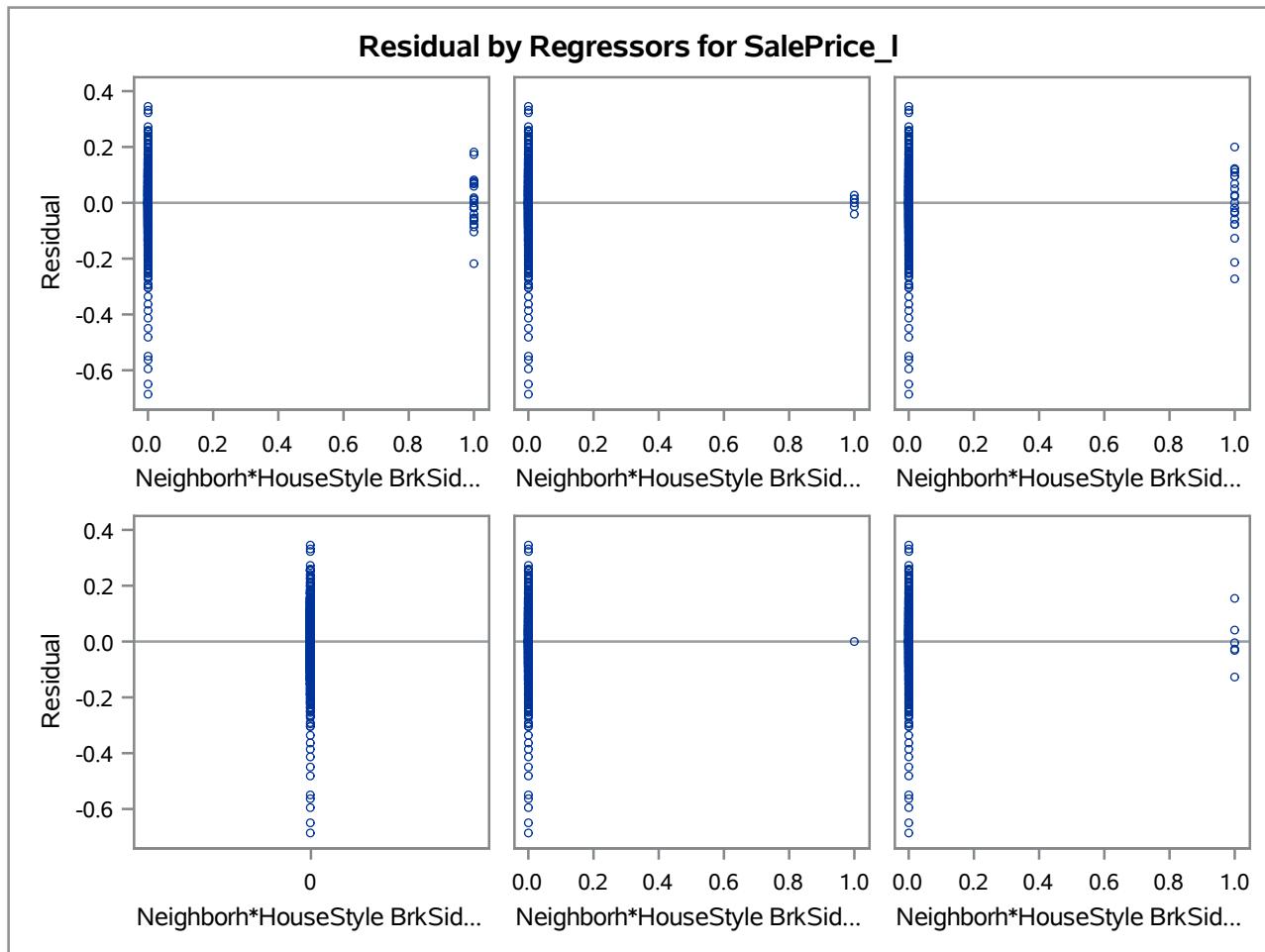
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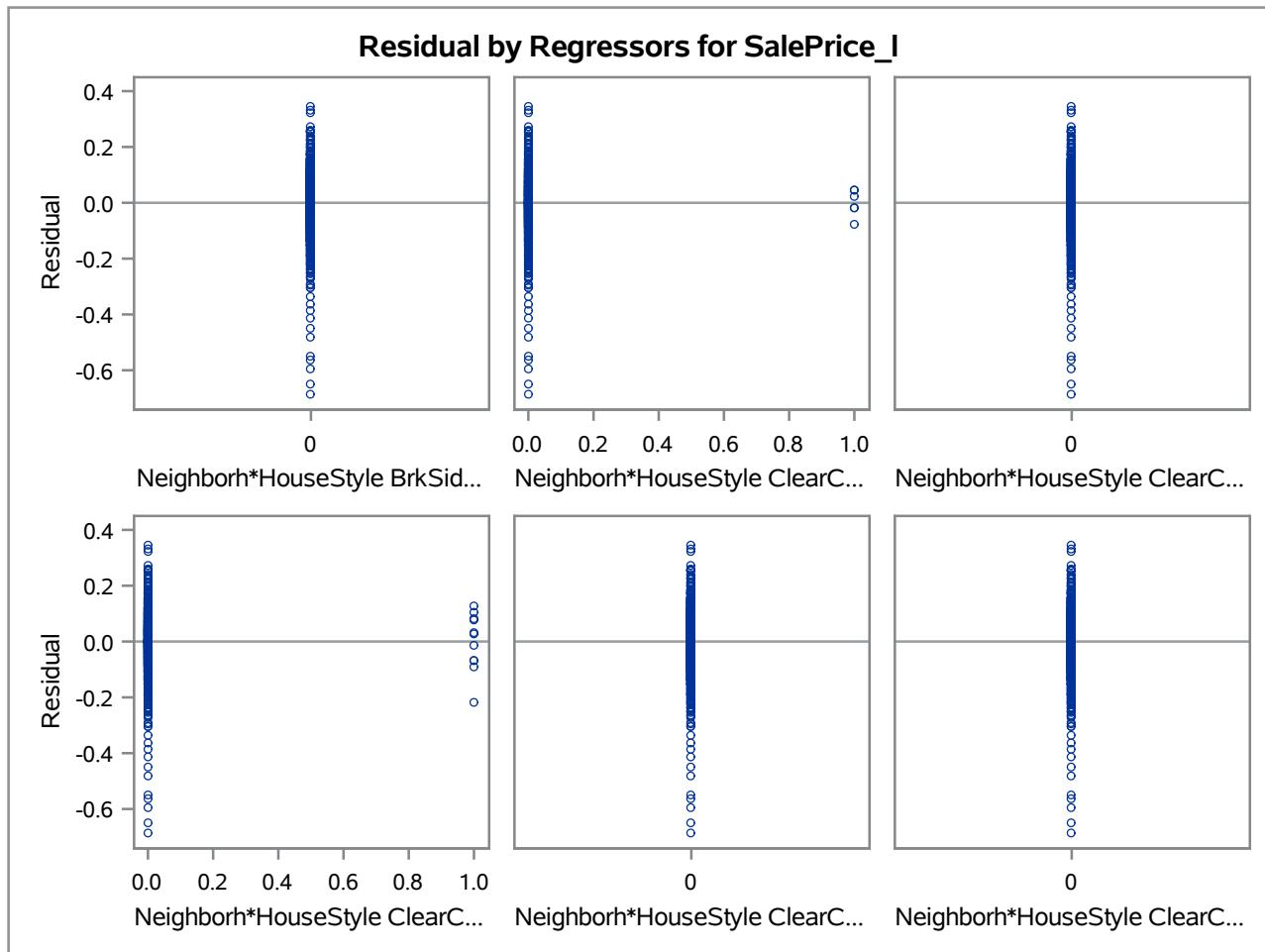
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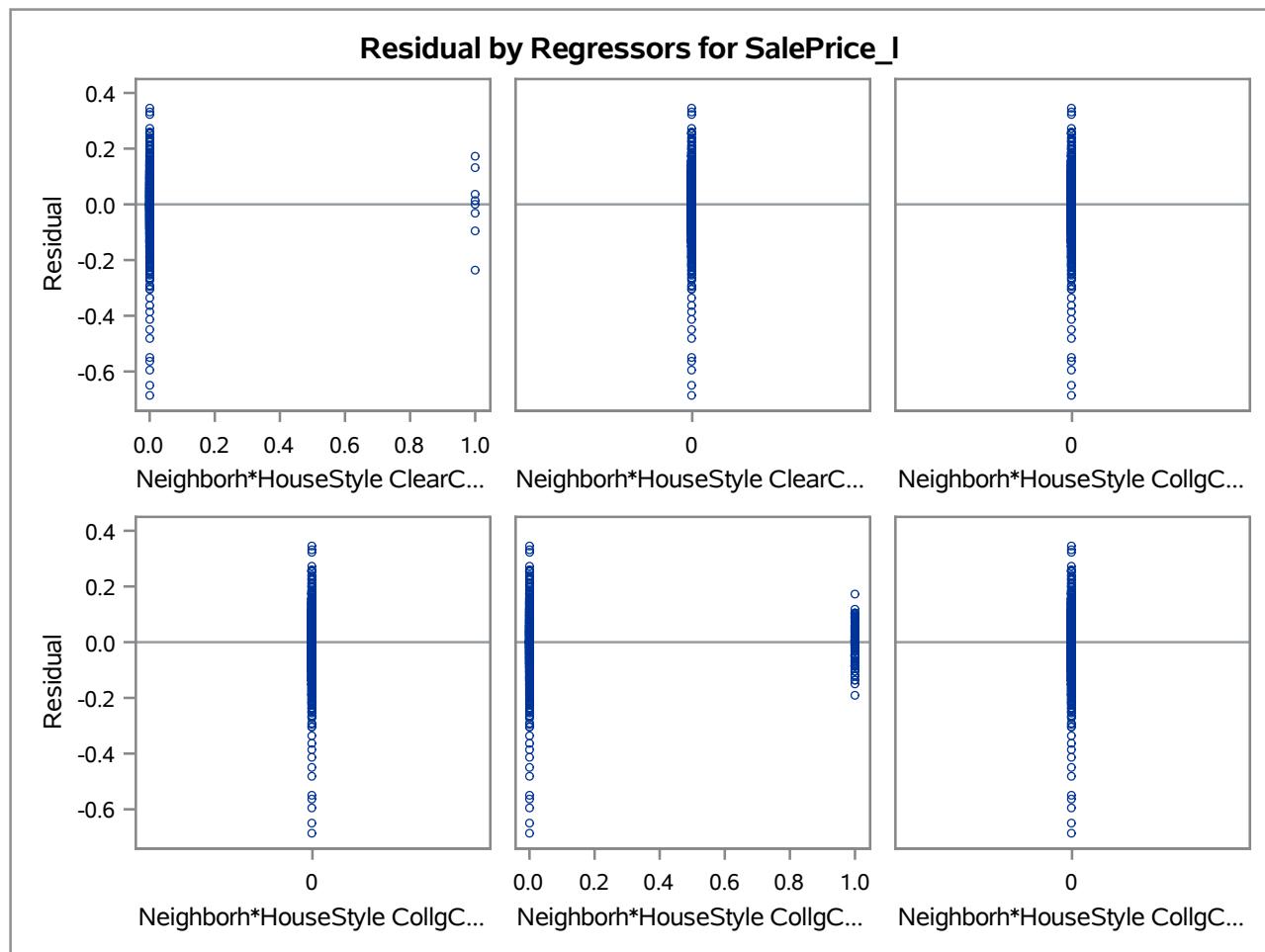
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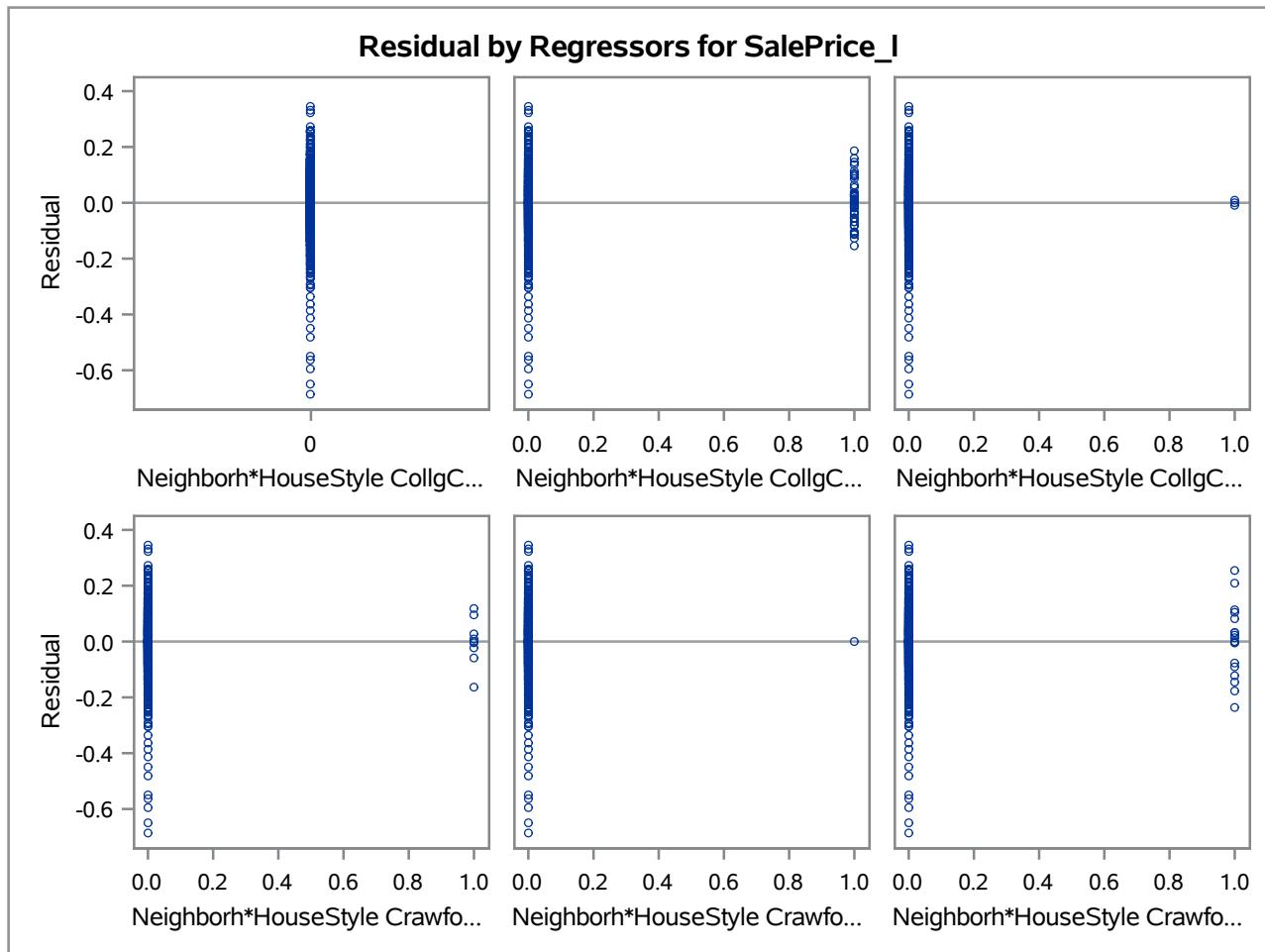
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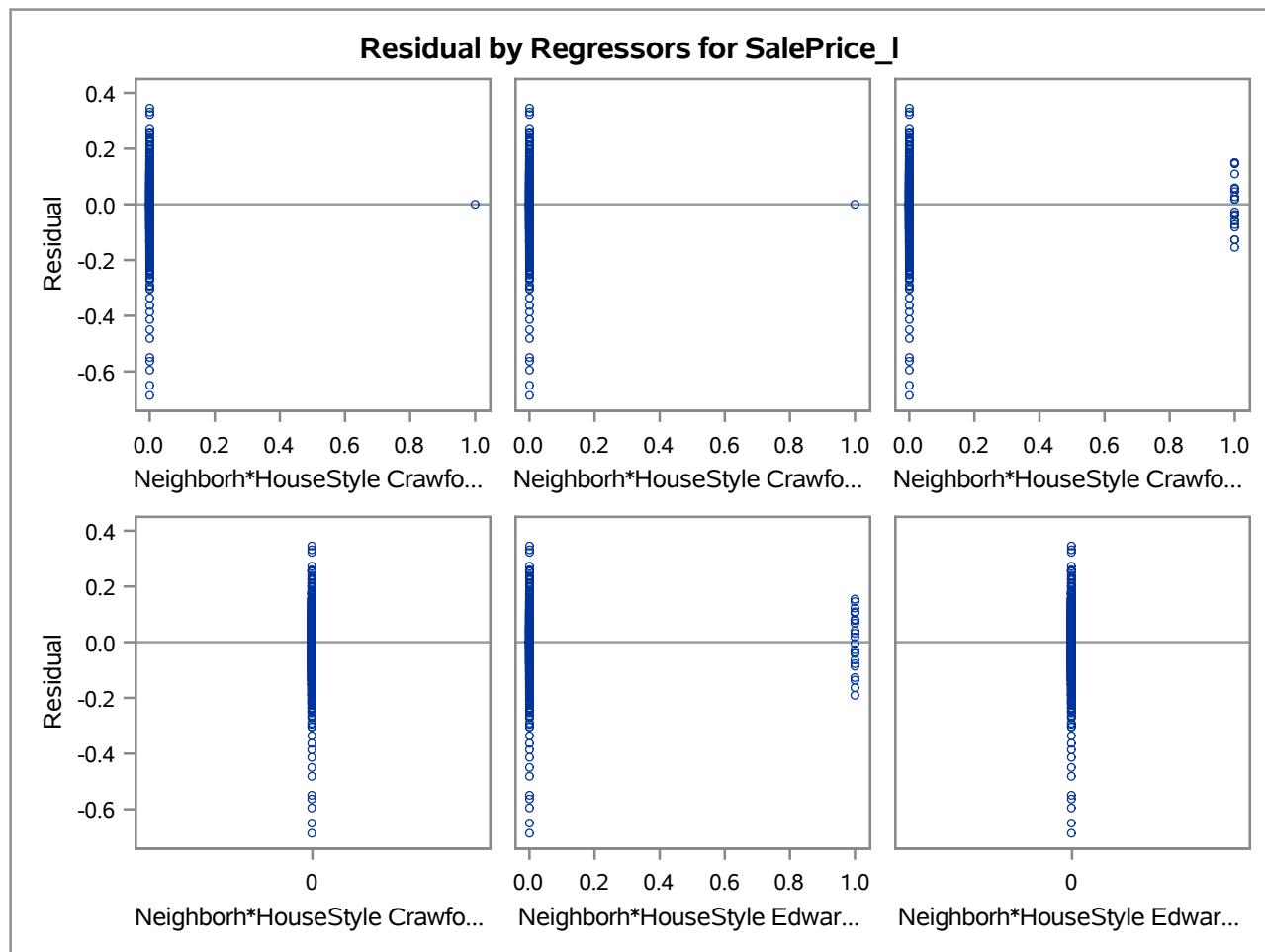
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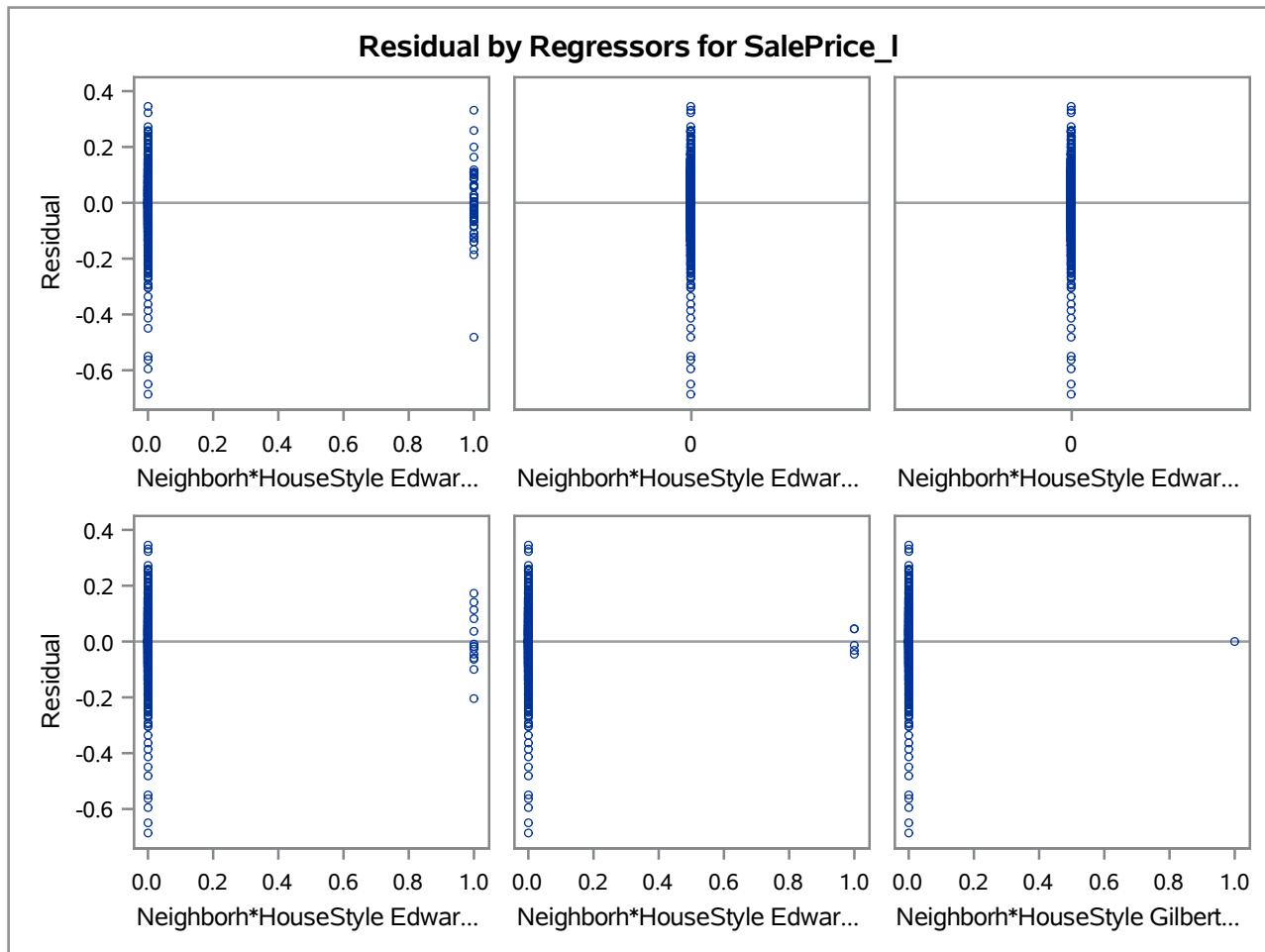
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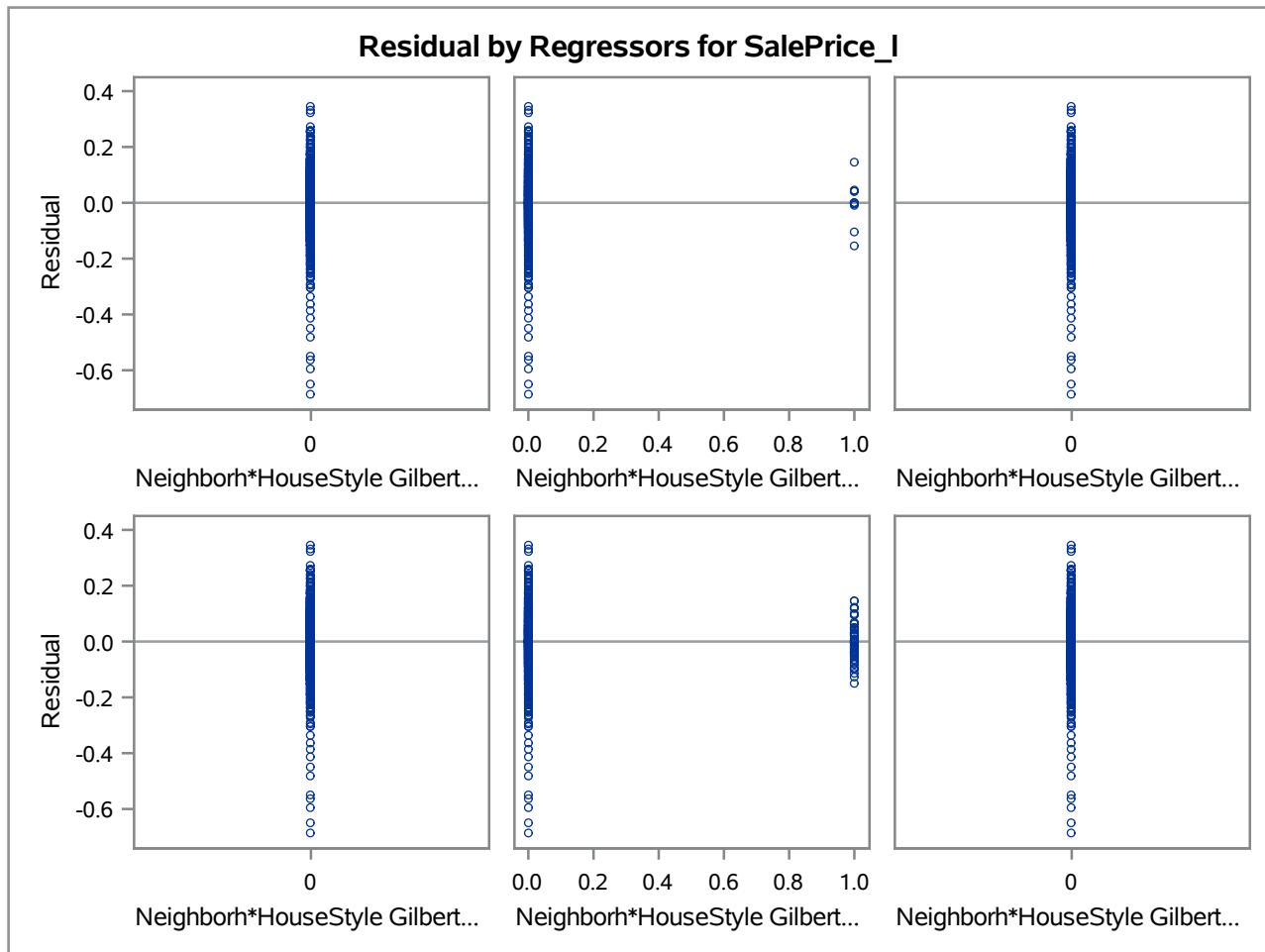
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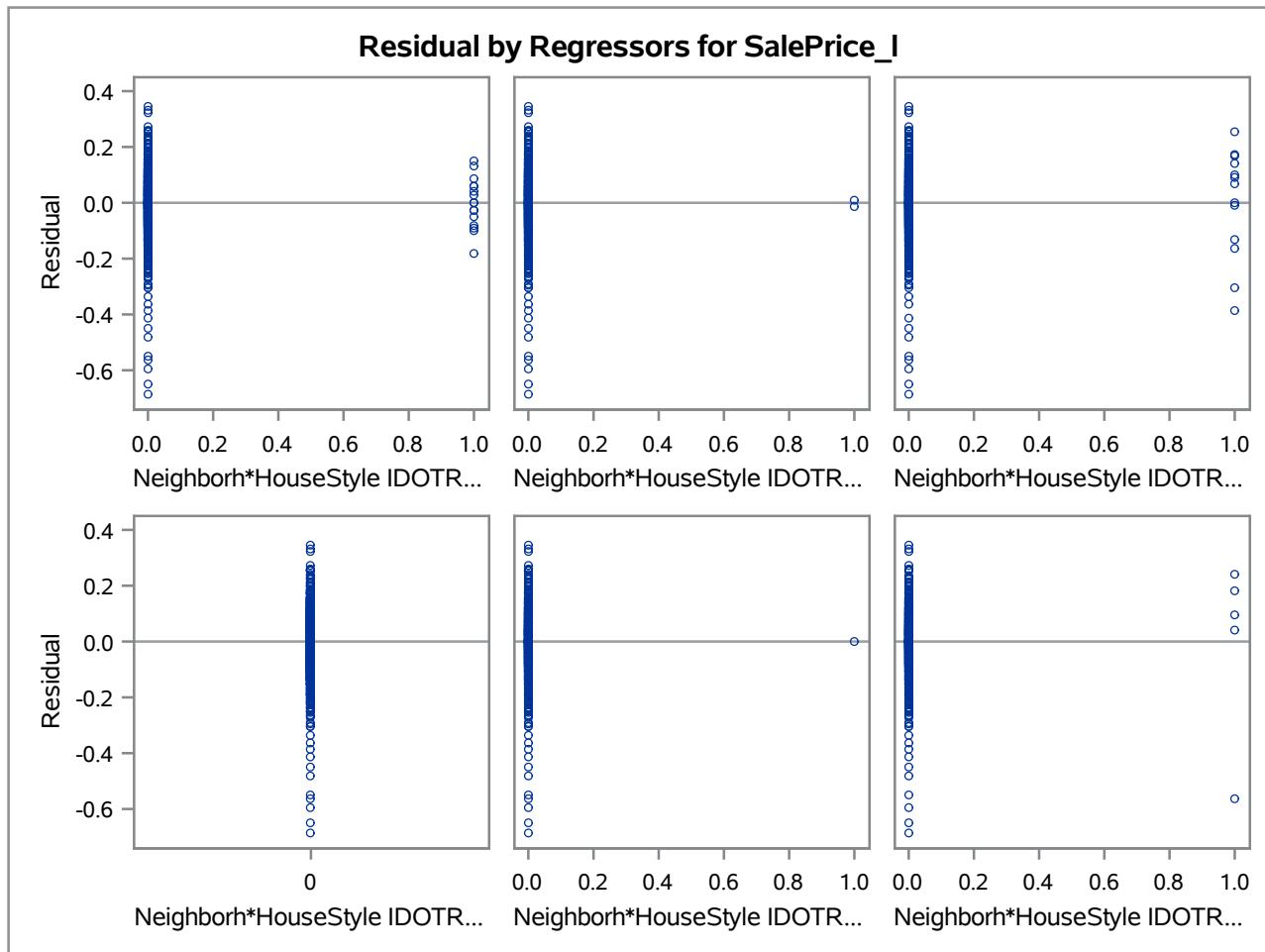
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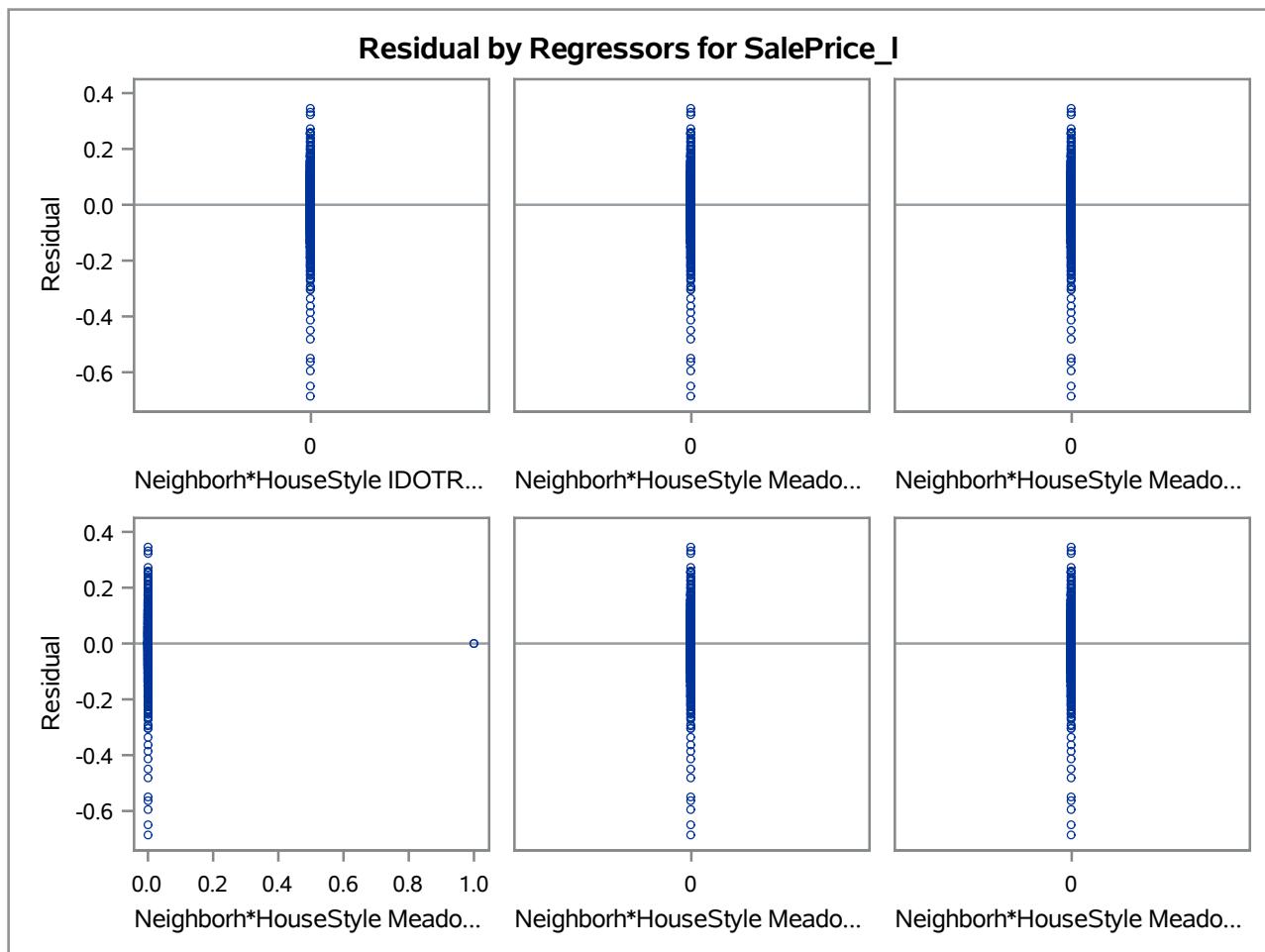
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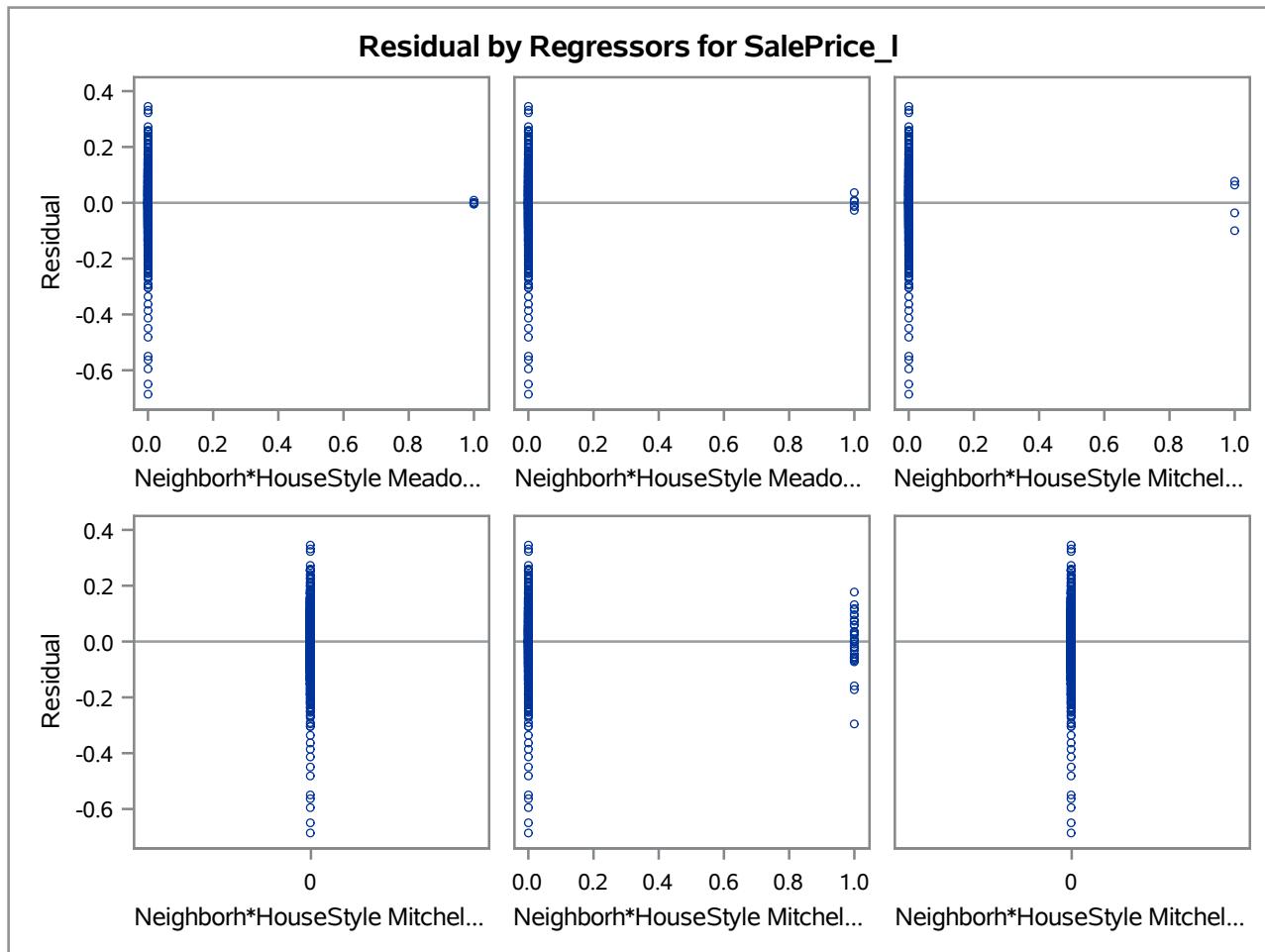
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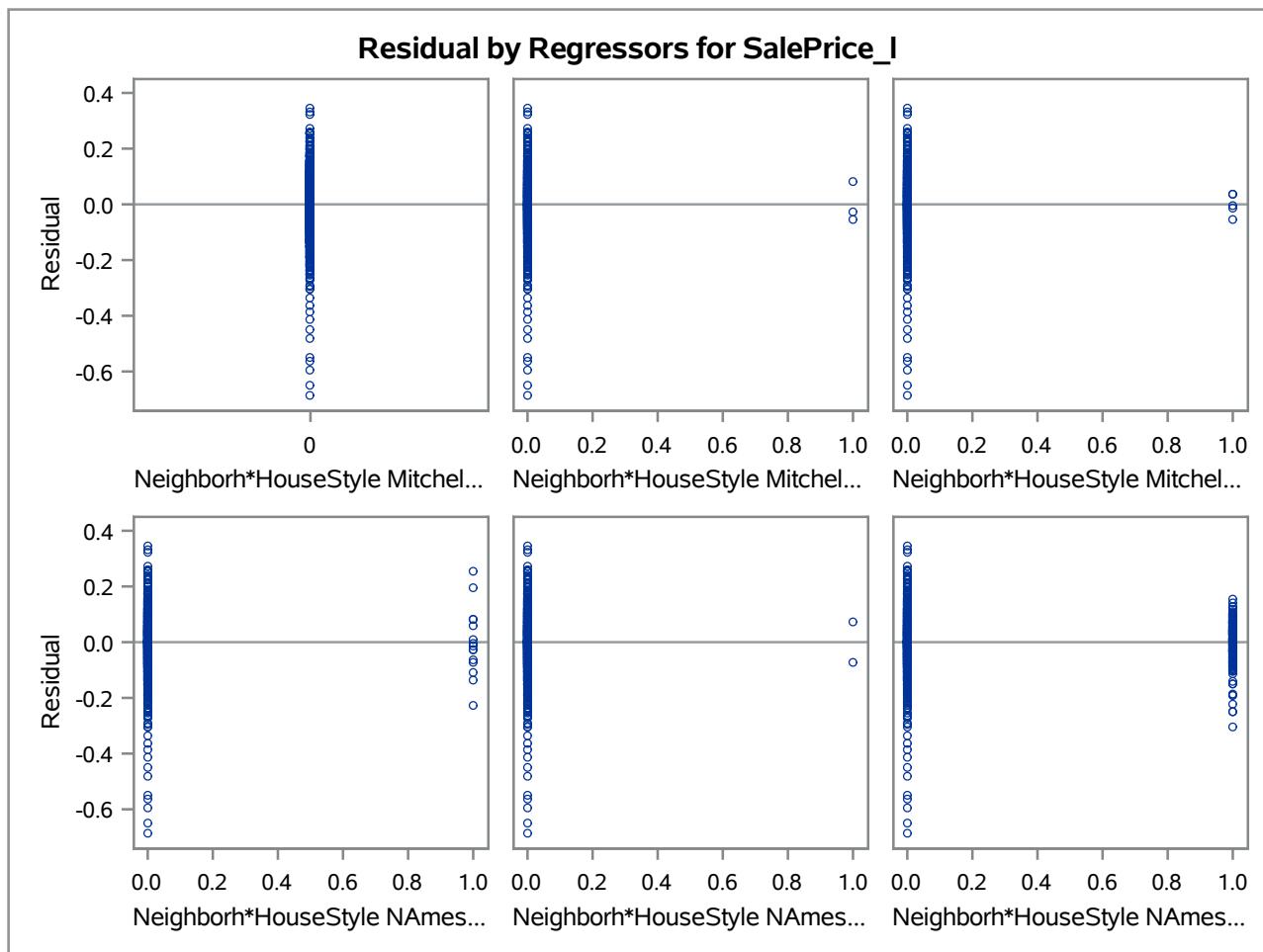
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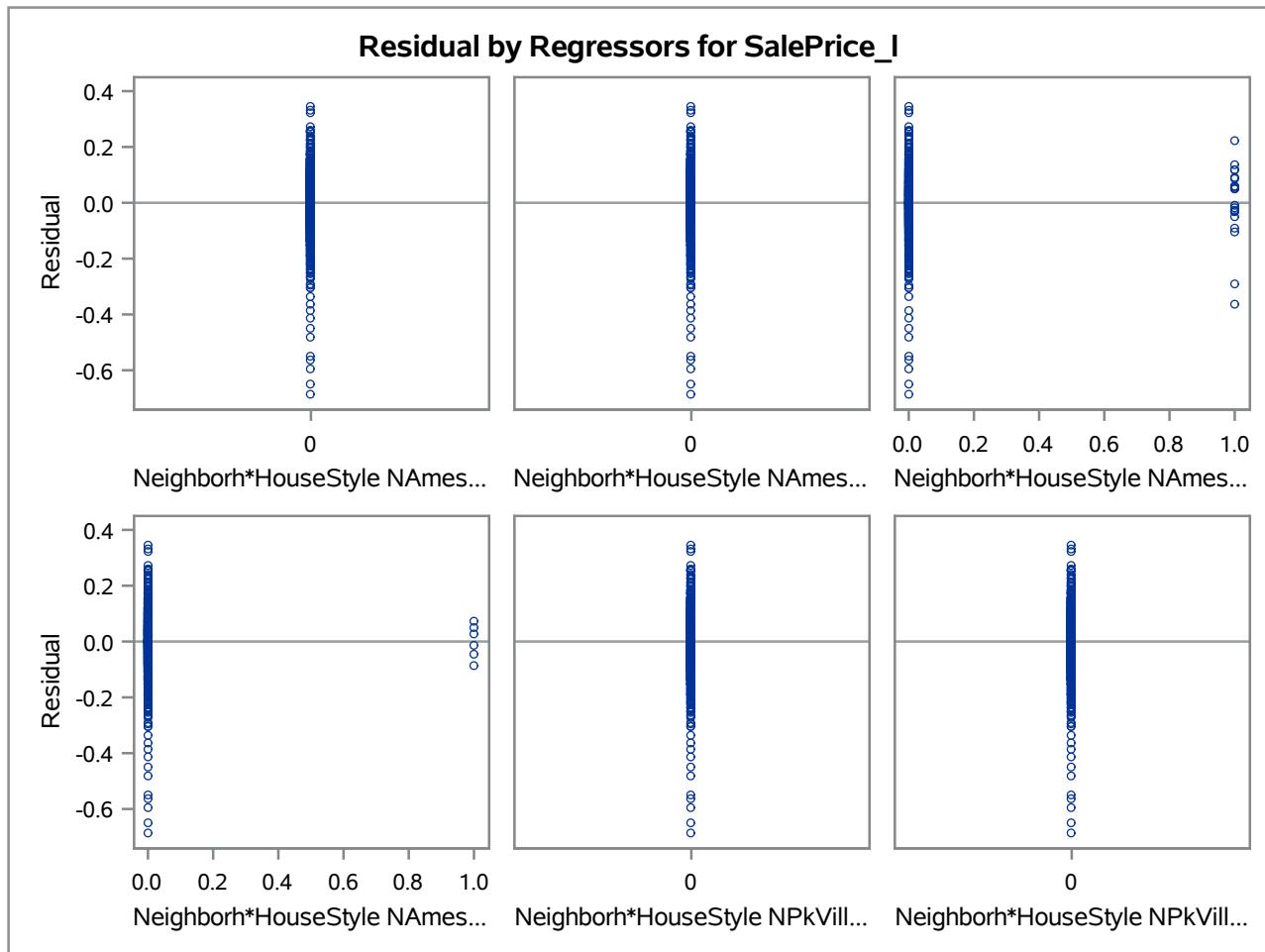
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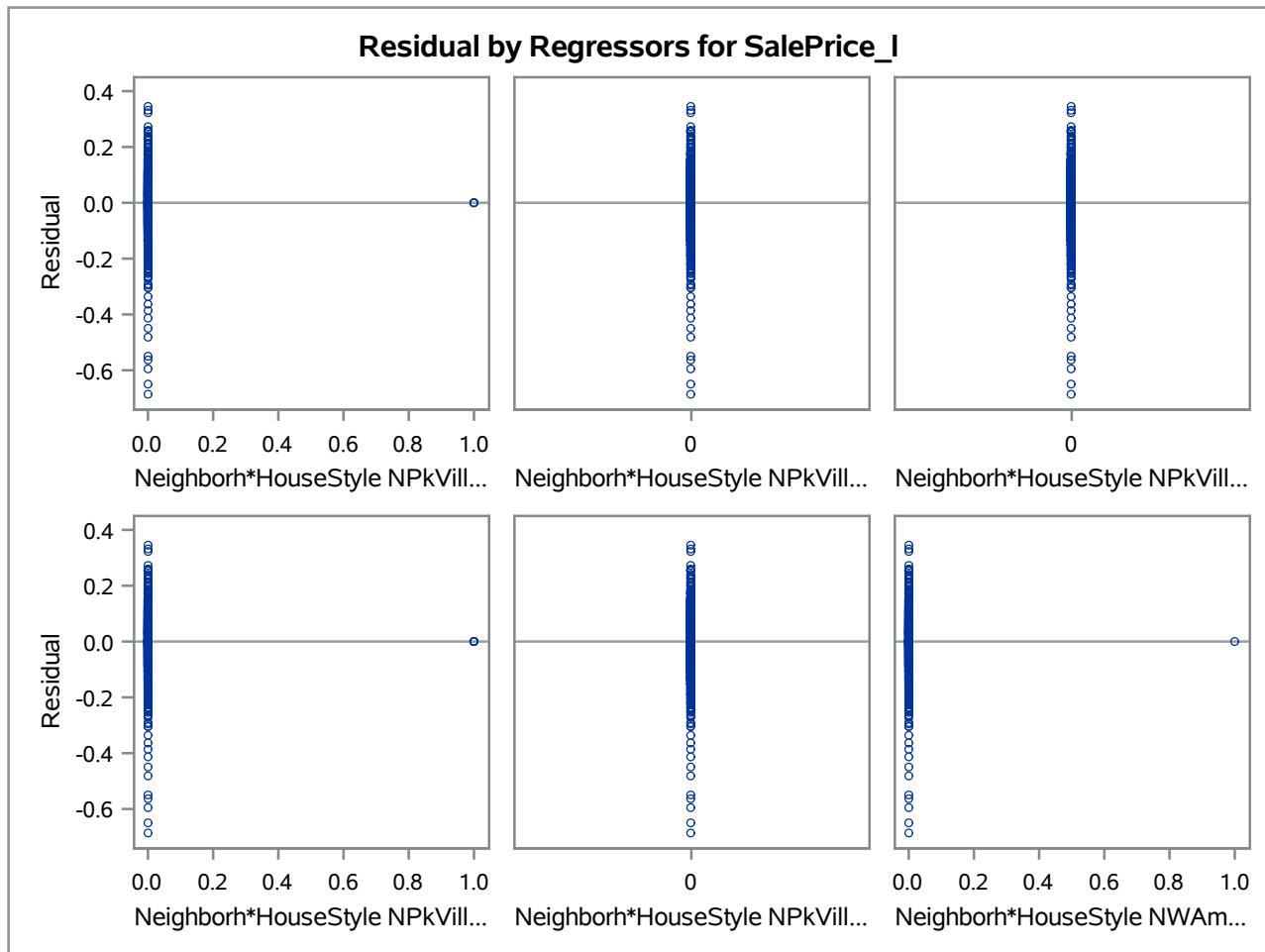
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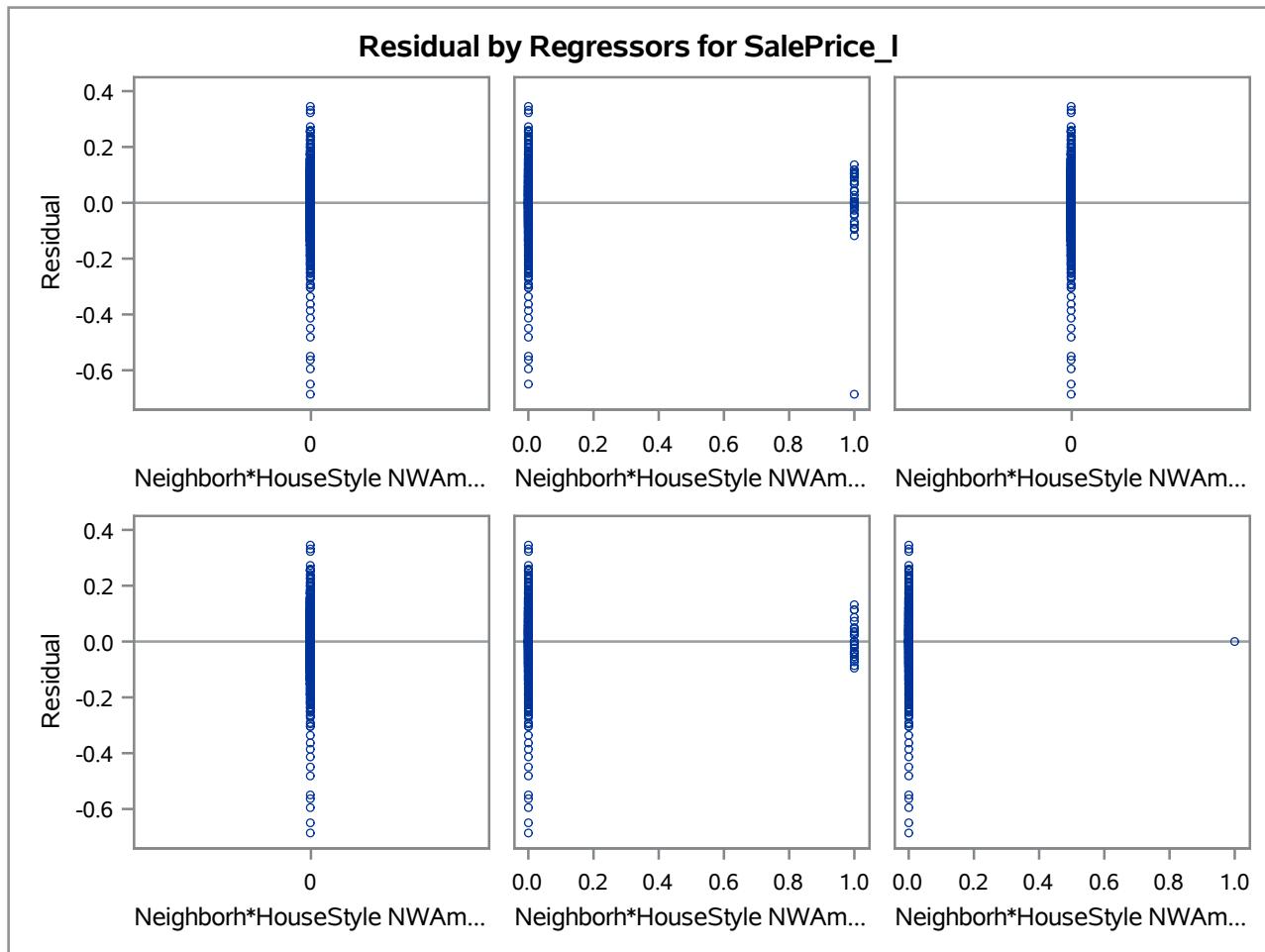
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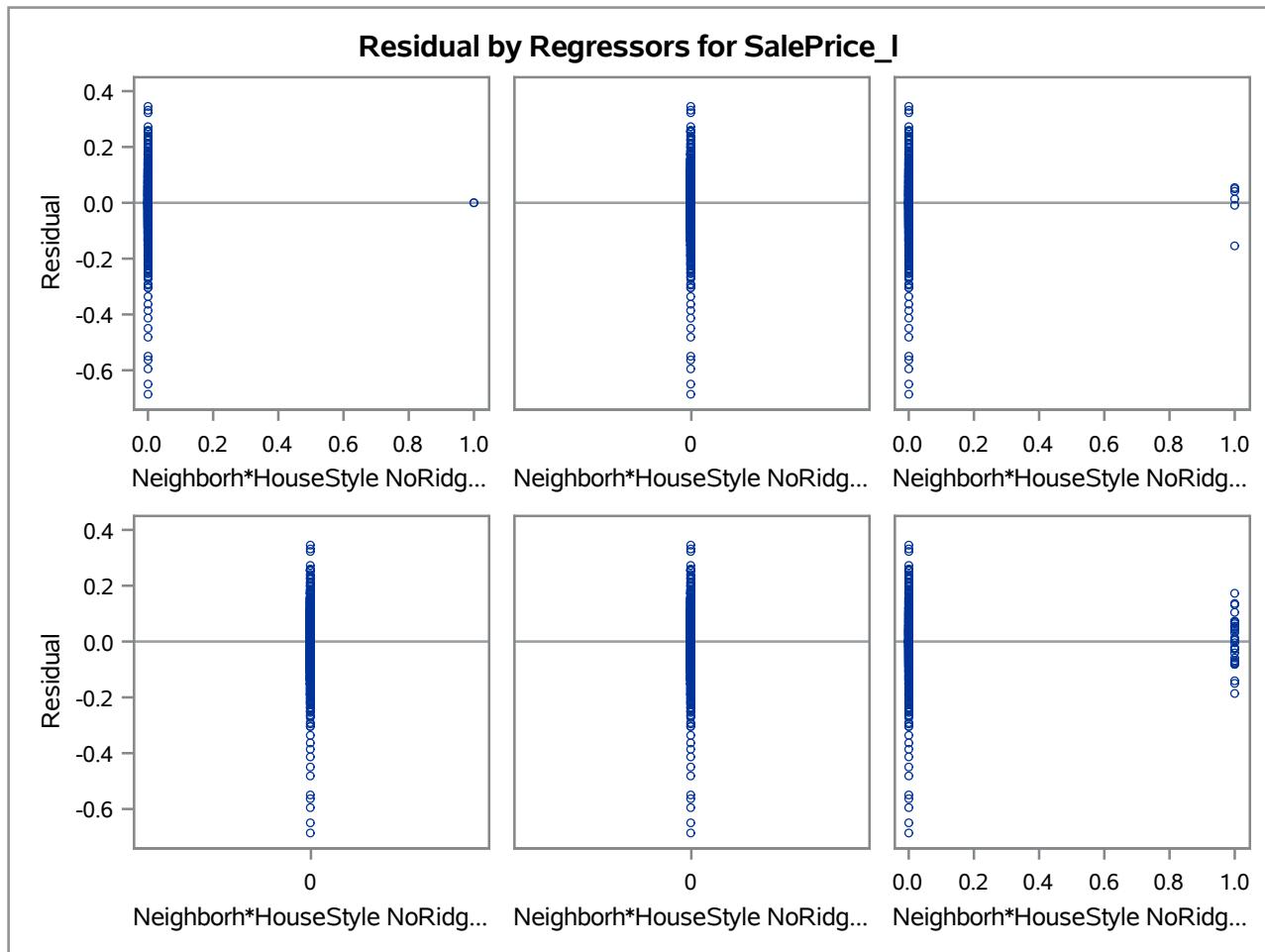
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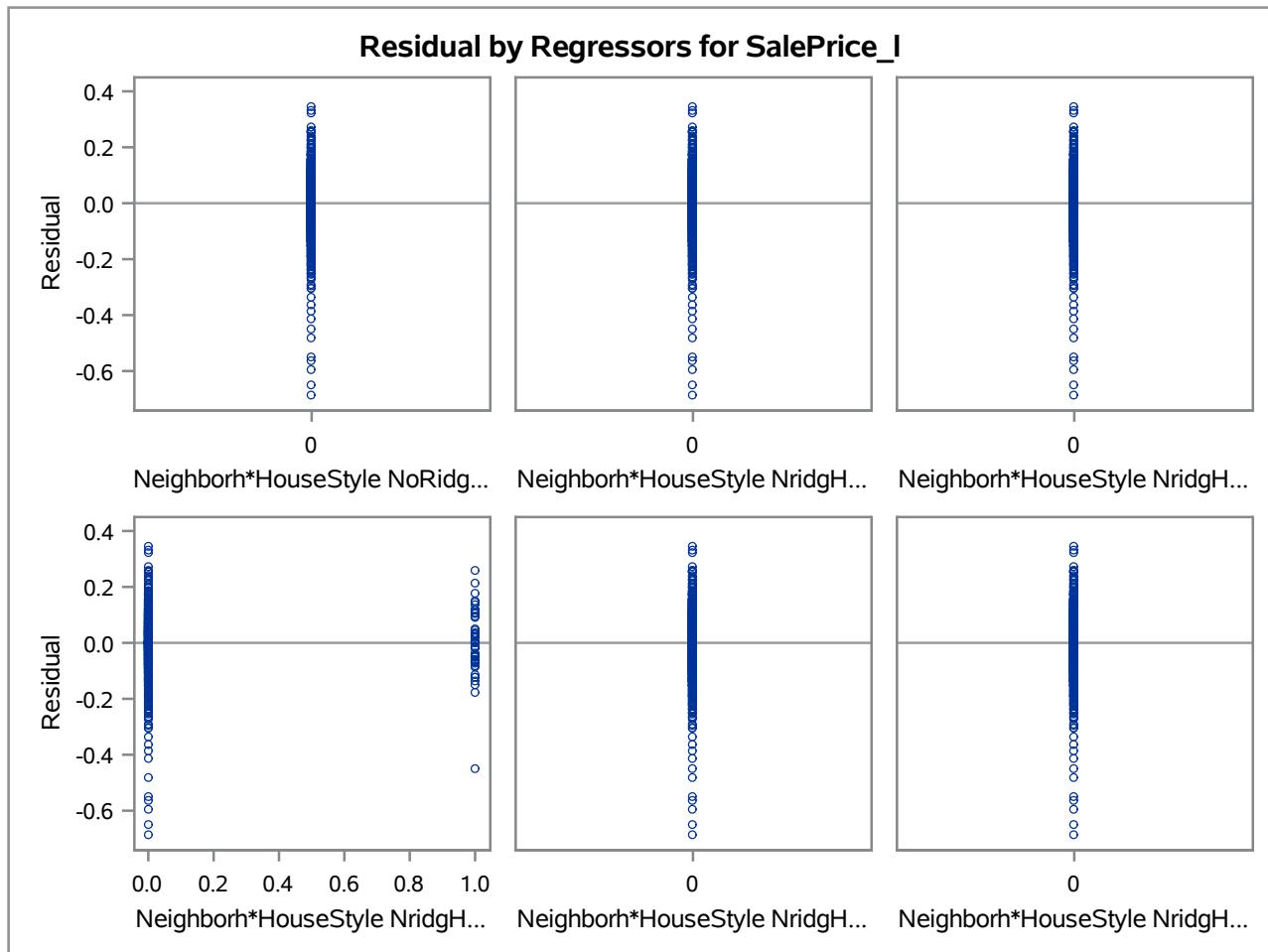
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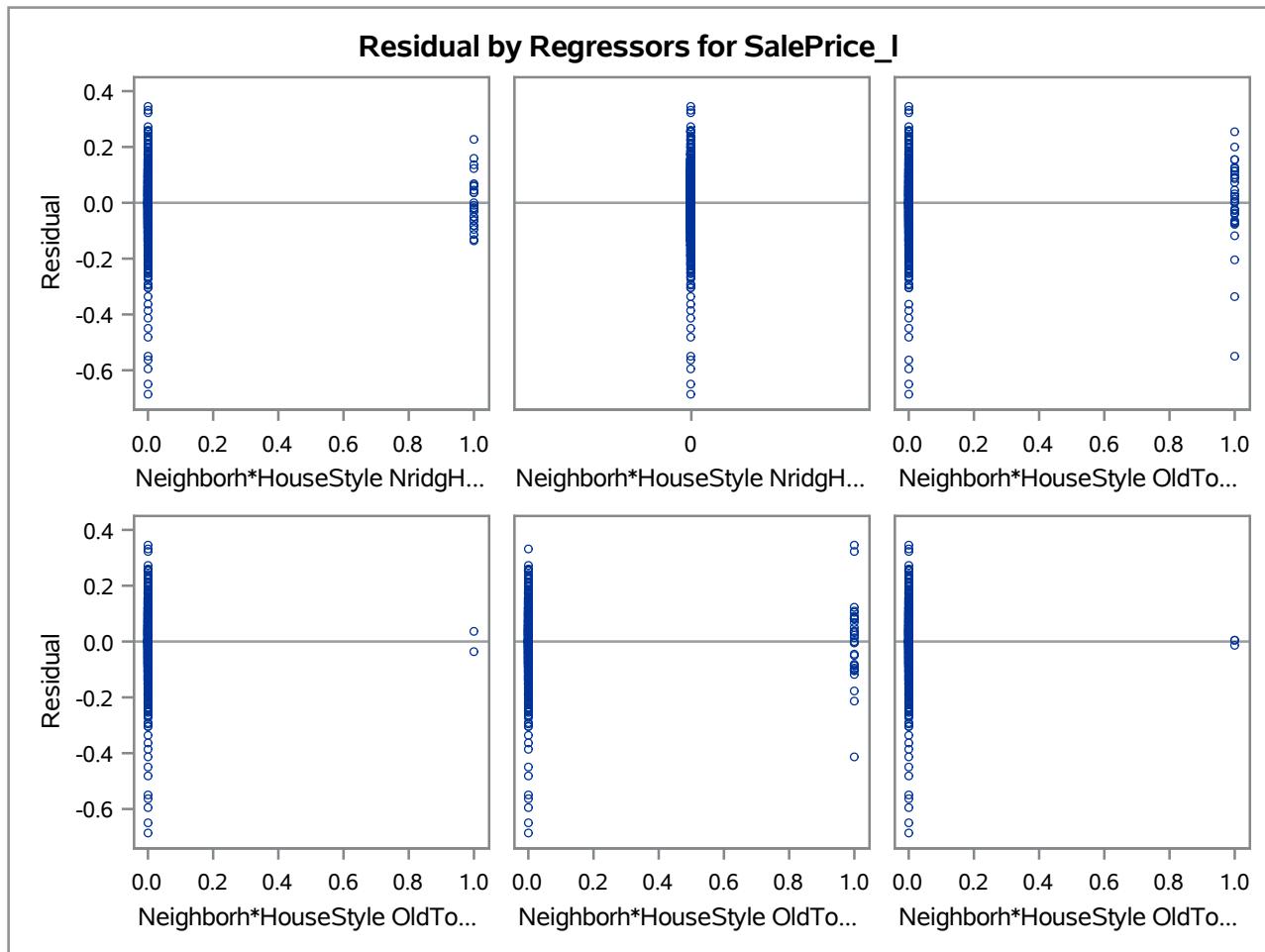
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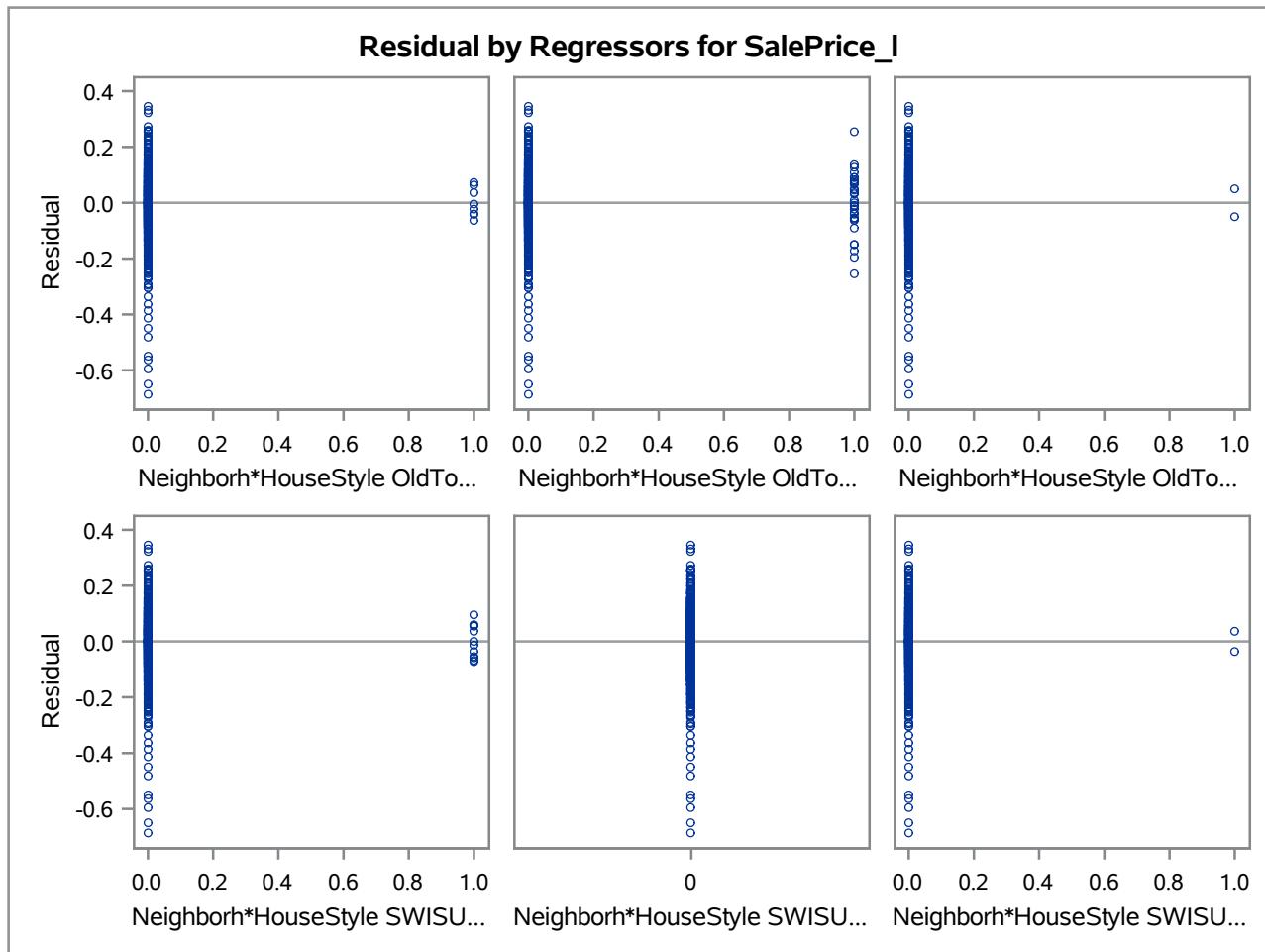
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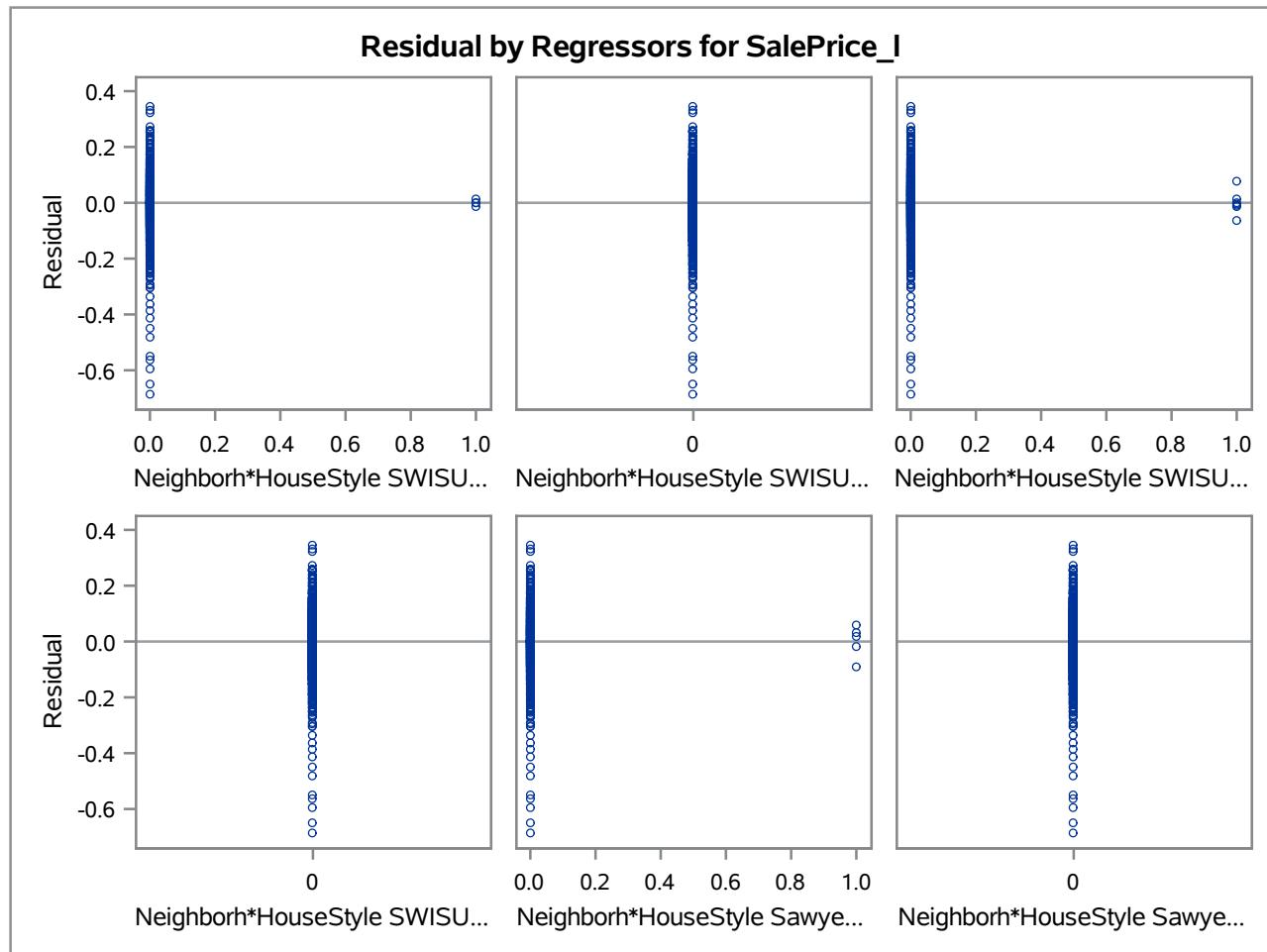
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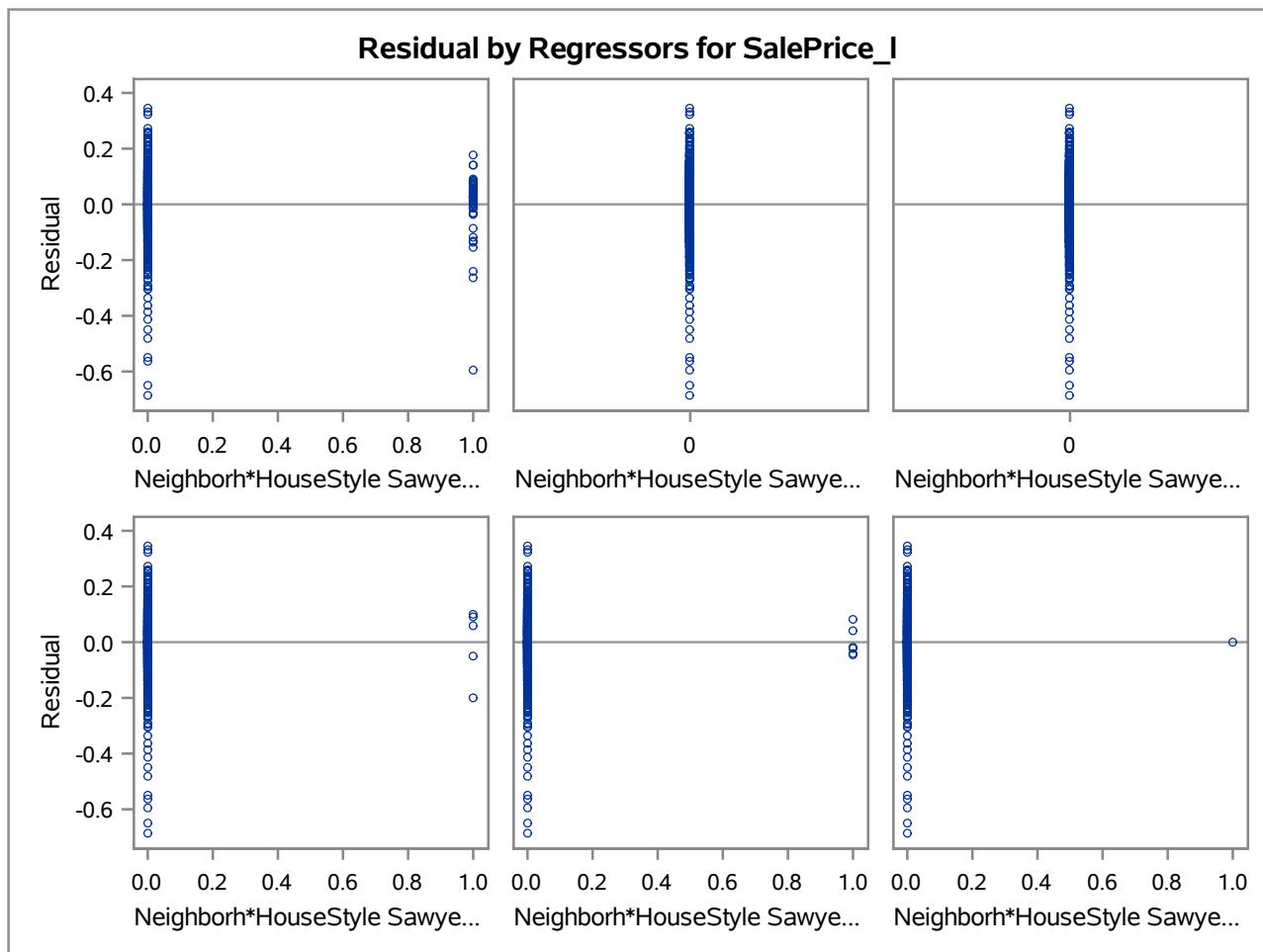
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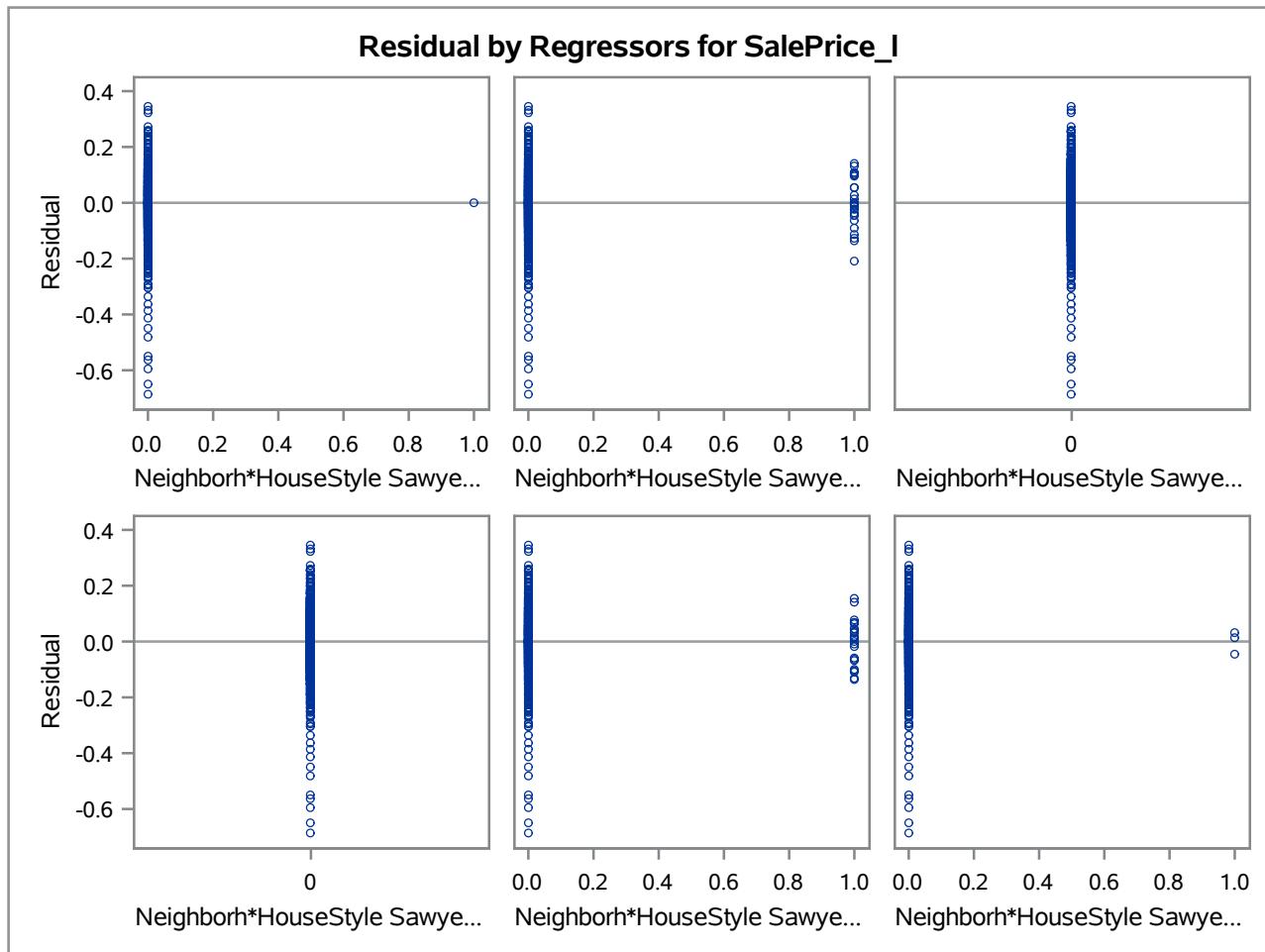
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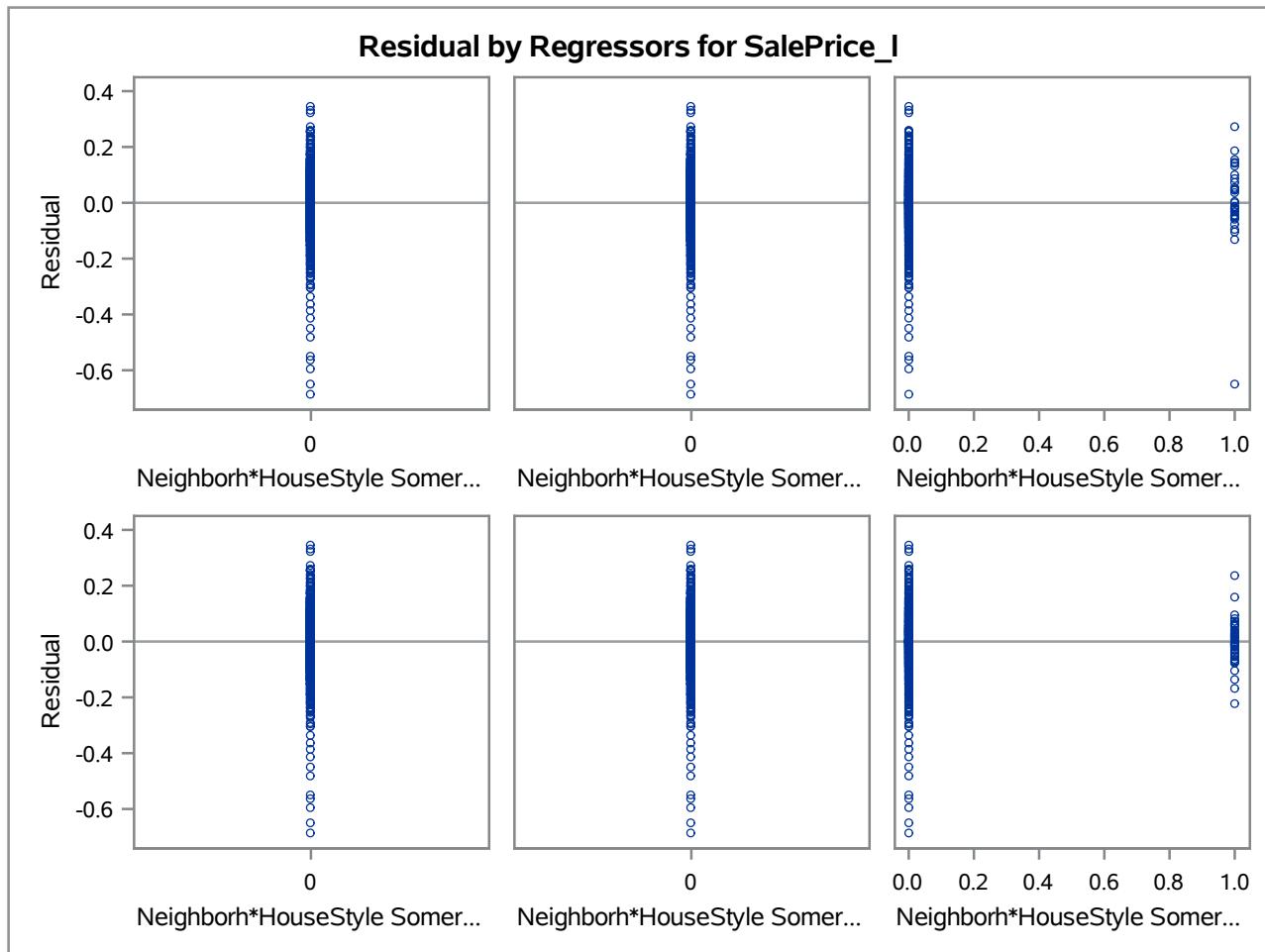
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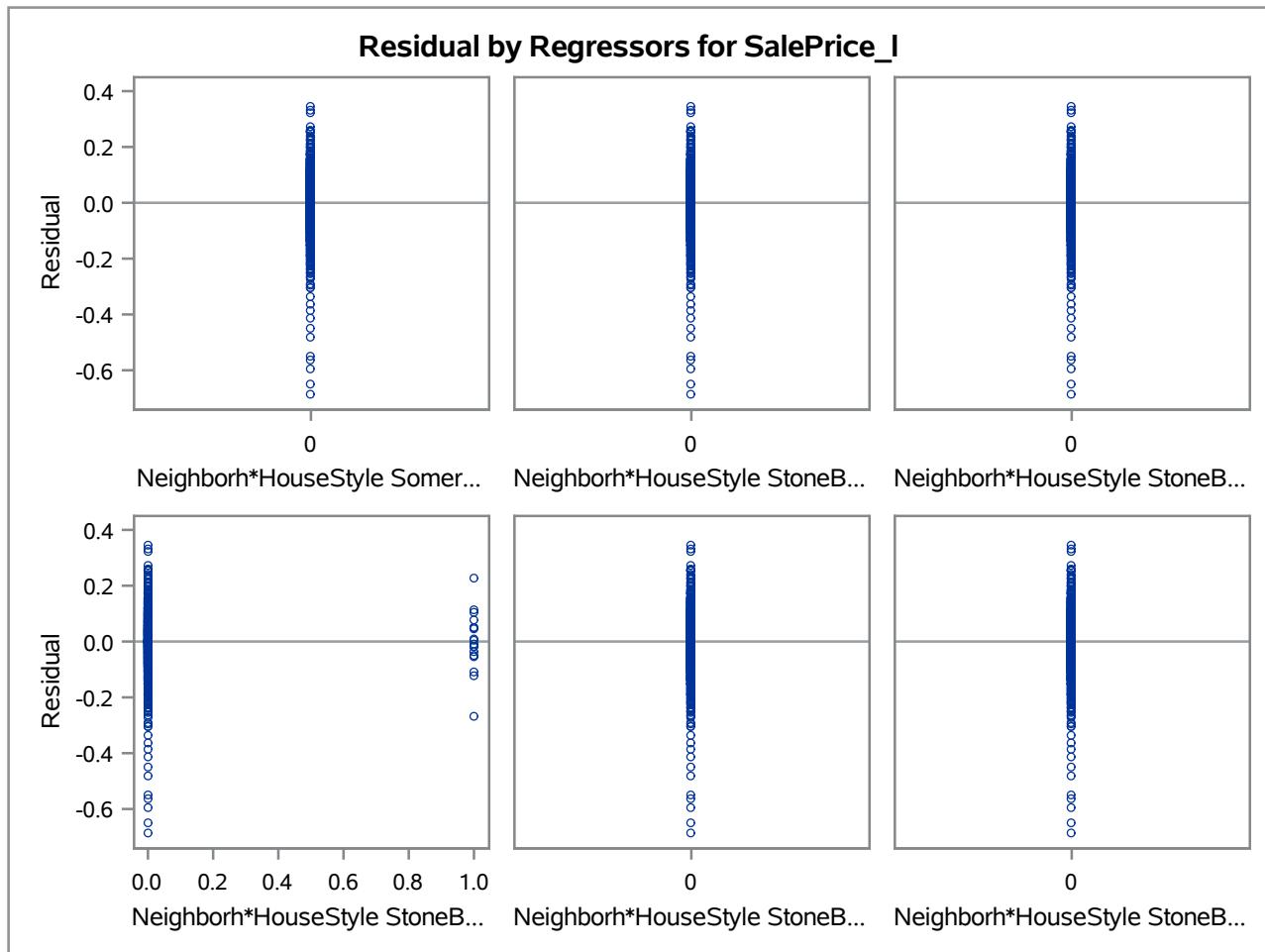
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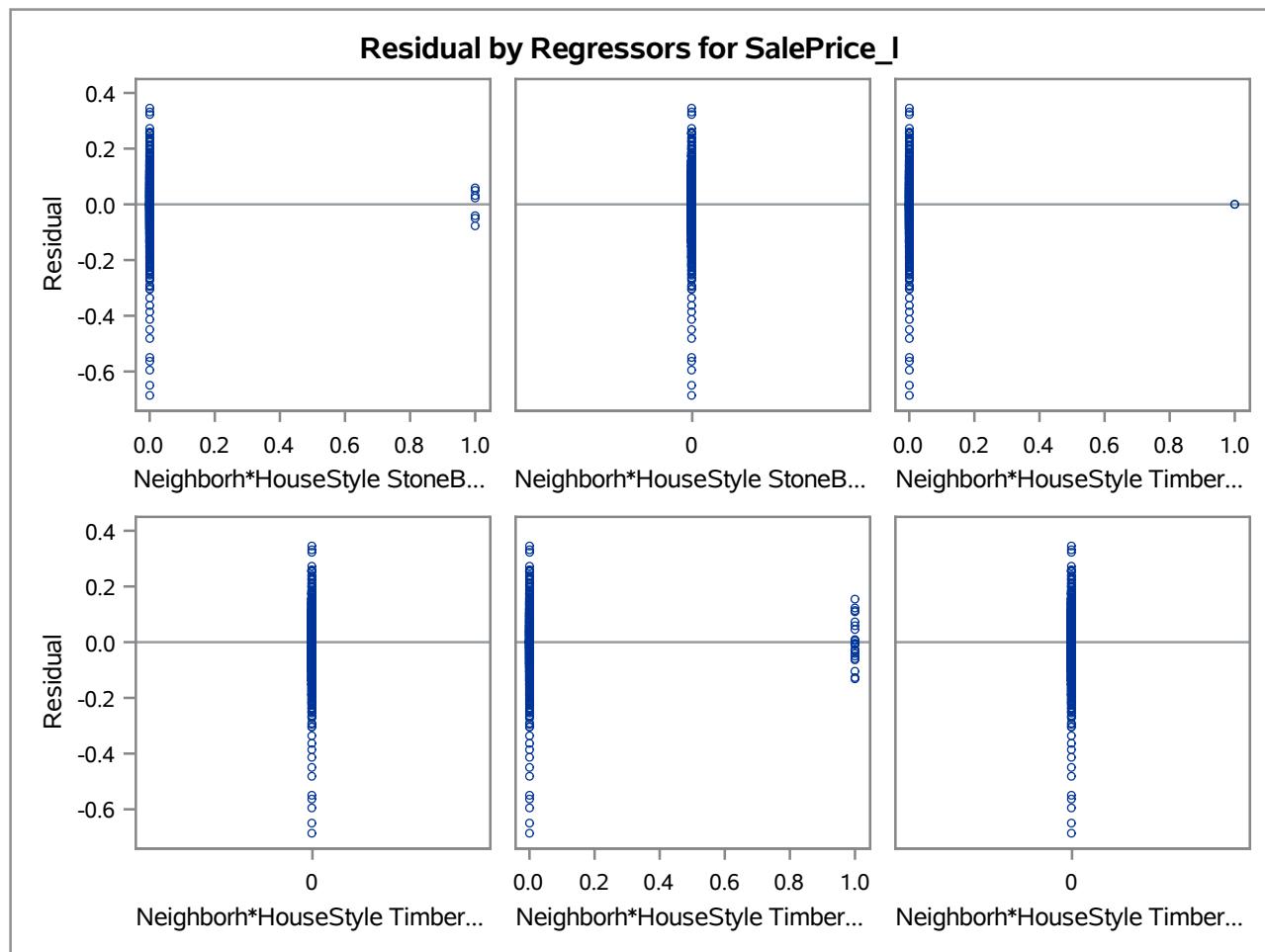
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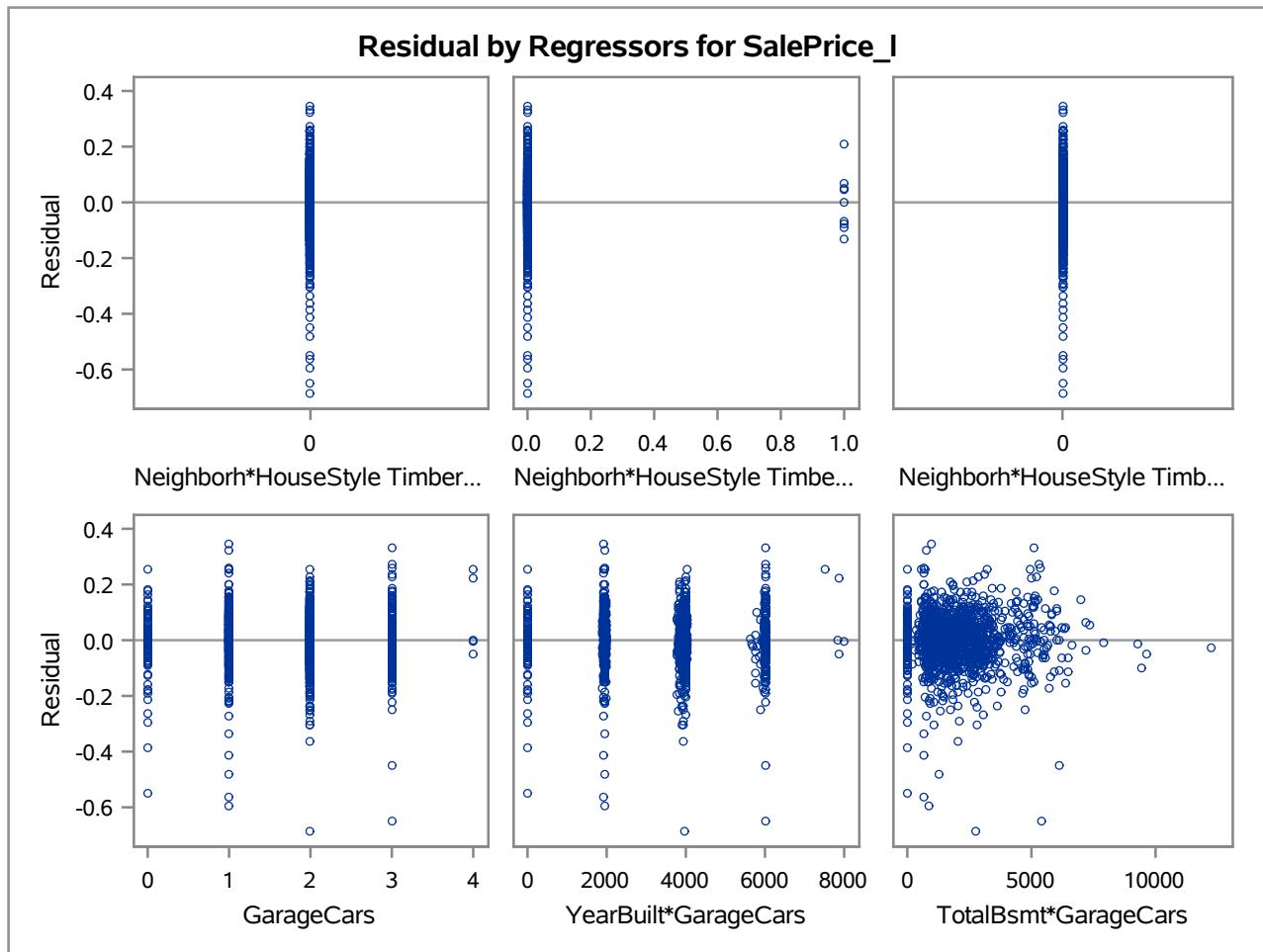
Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

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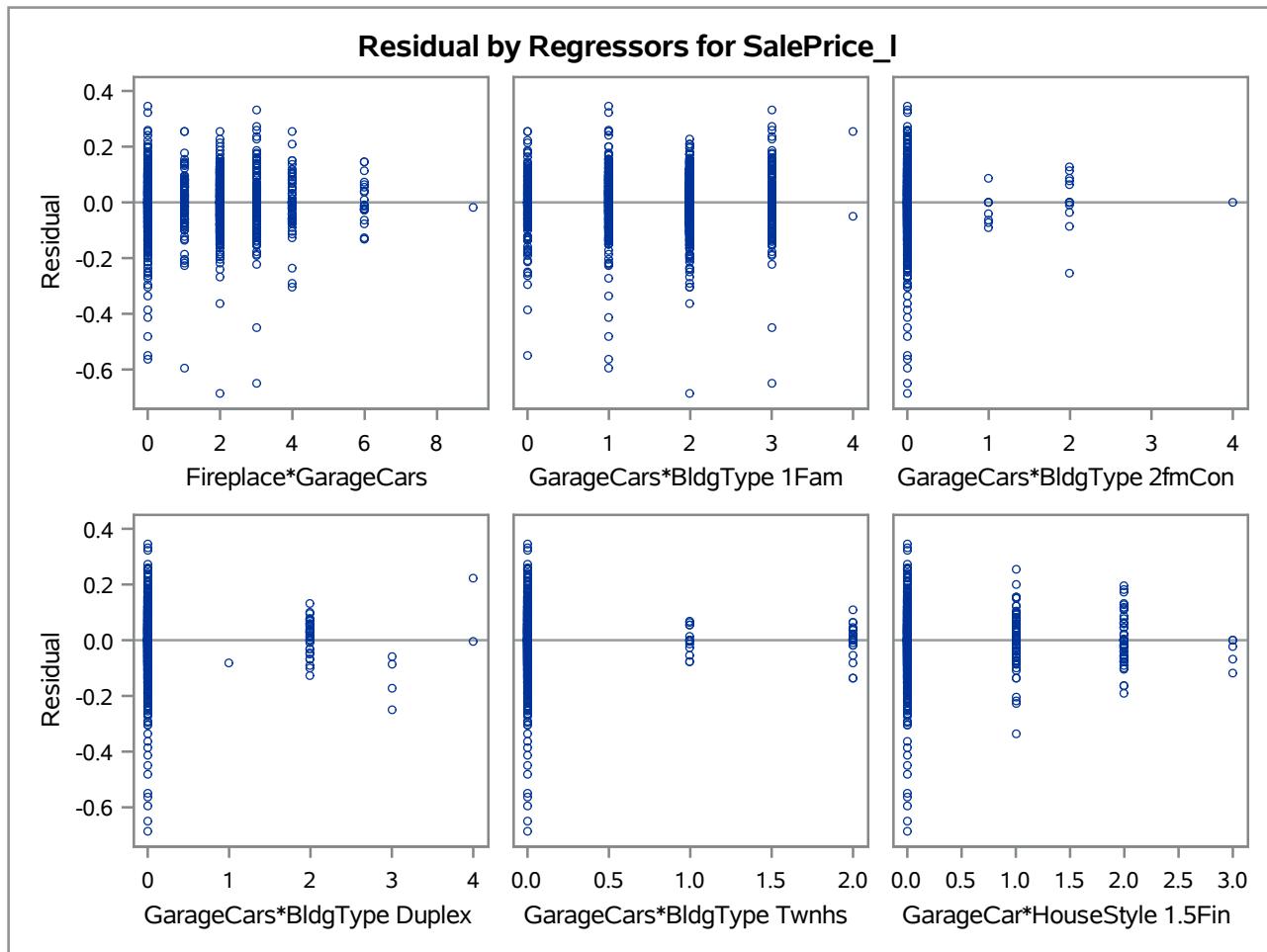
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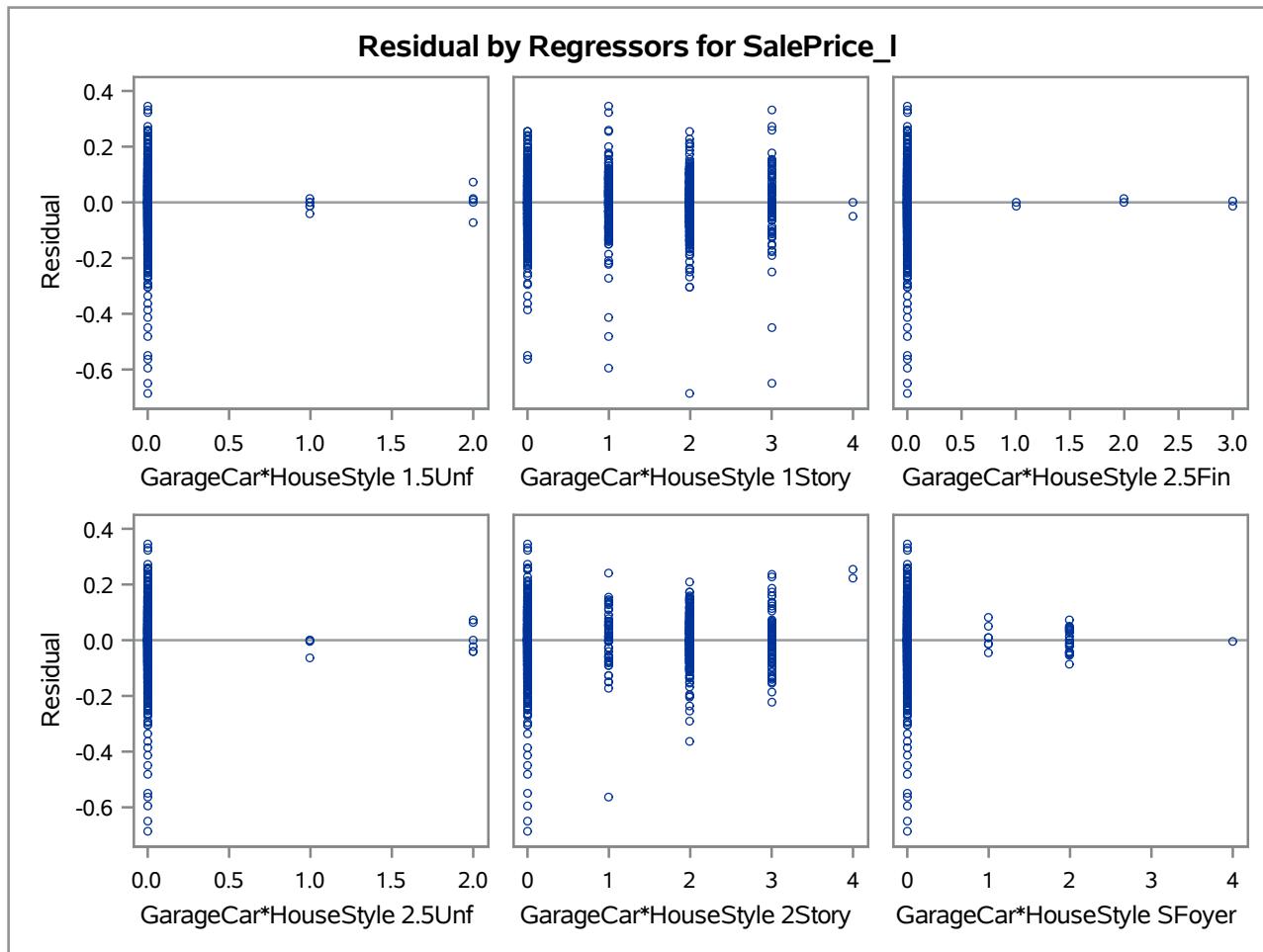
Backward Selection Multiple Linear Regression

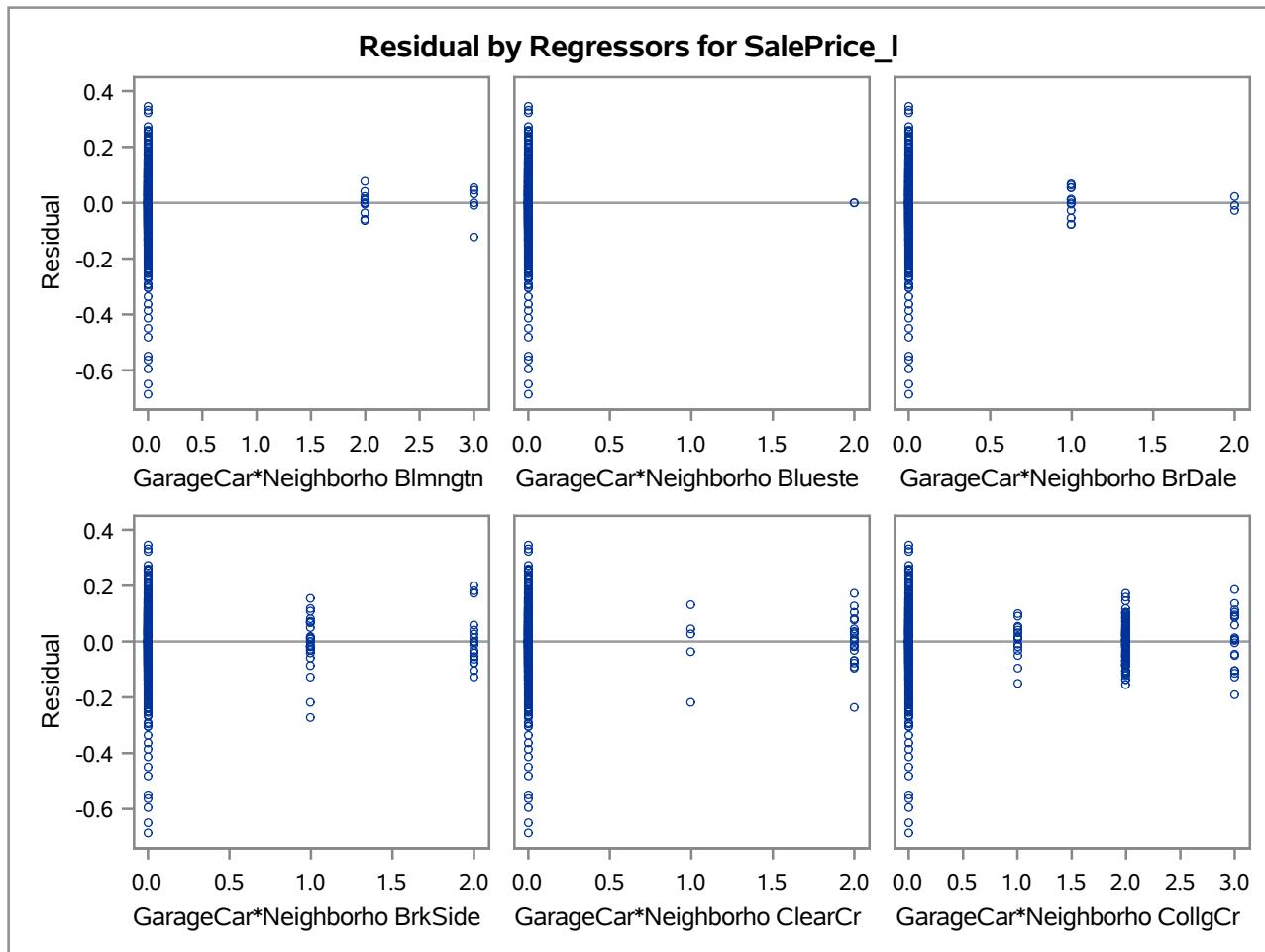
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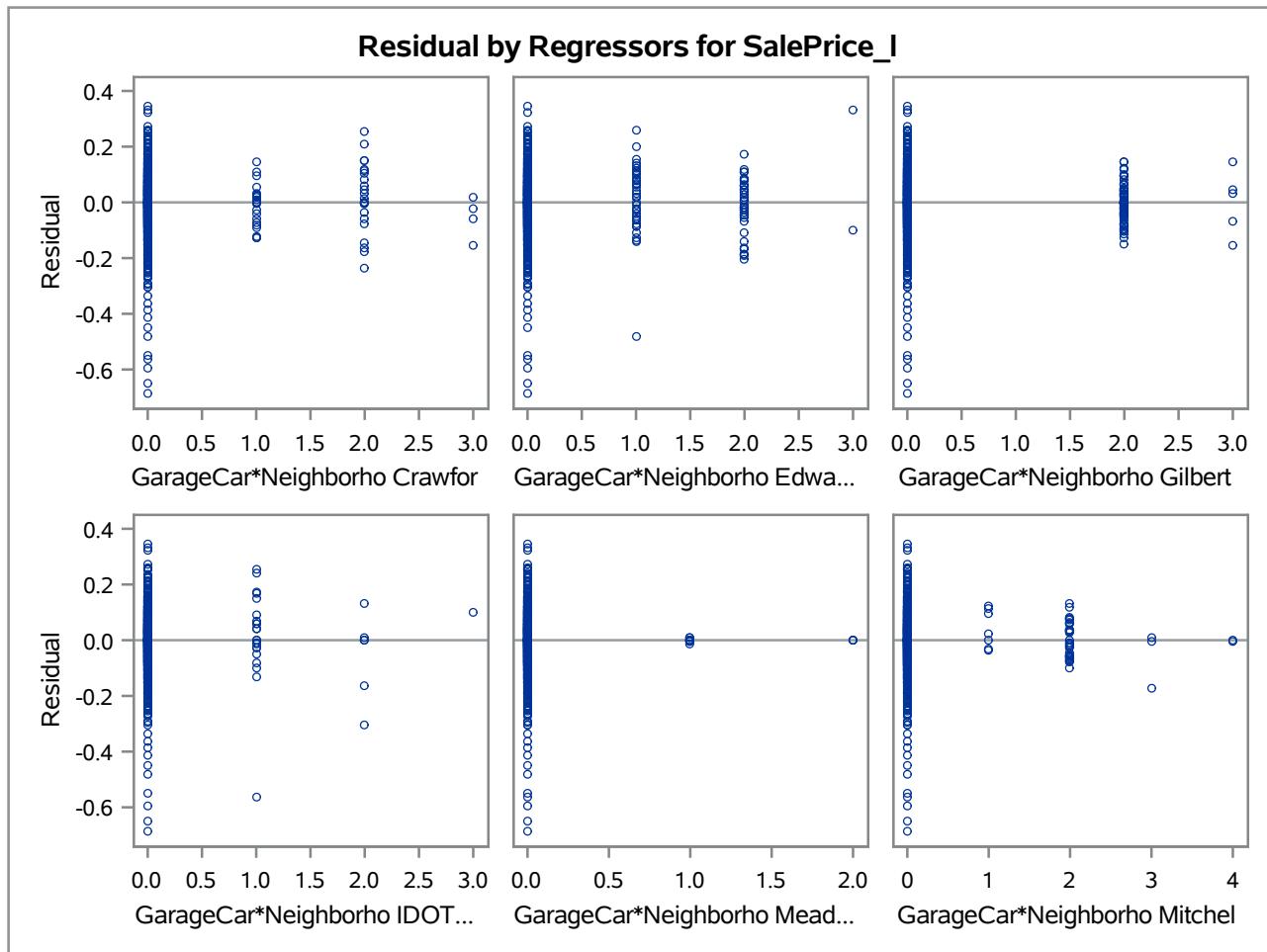
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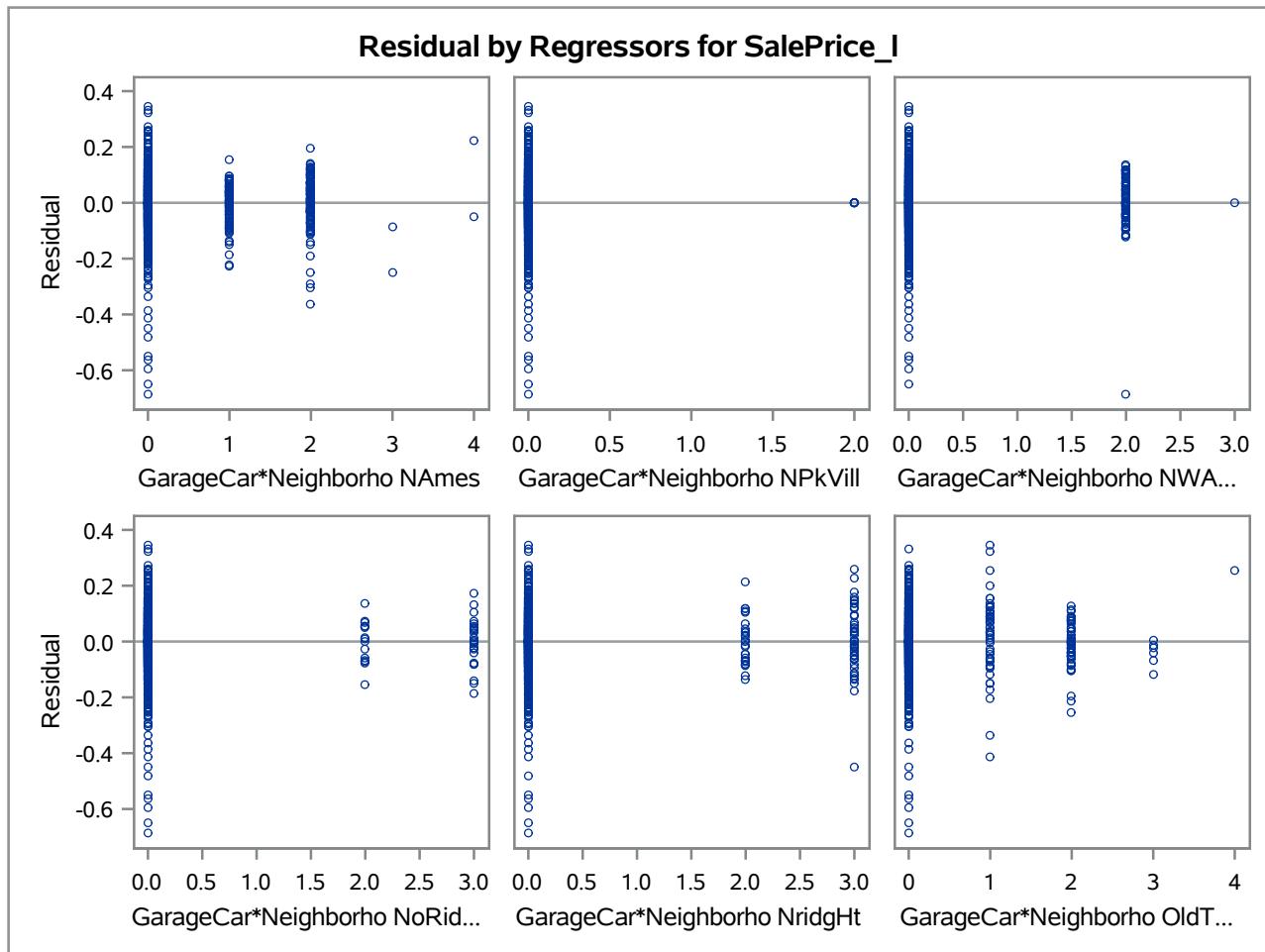
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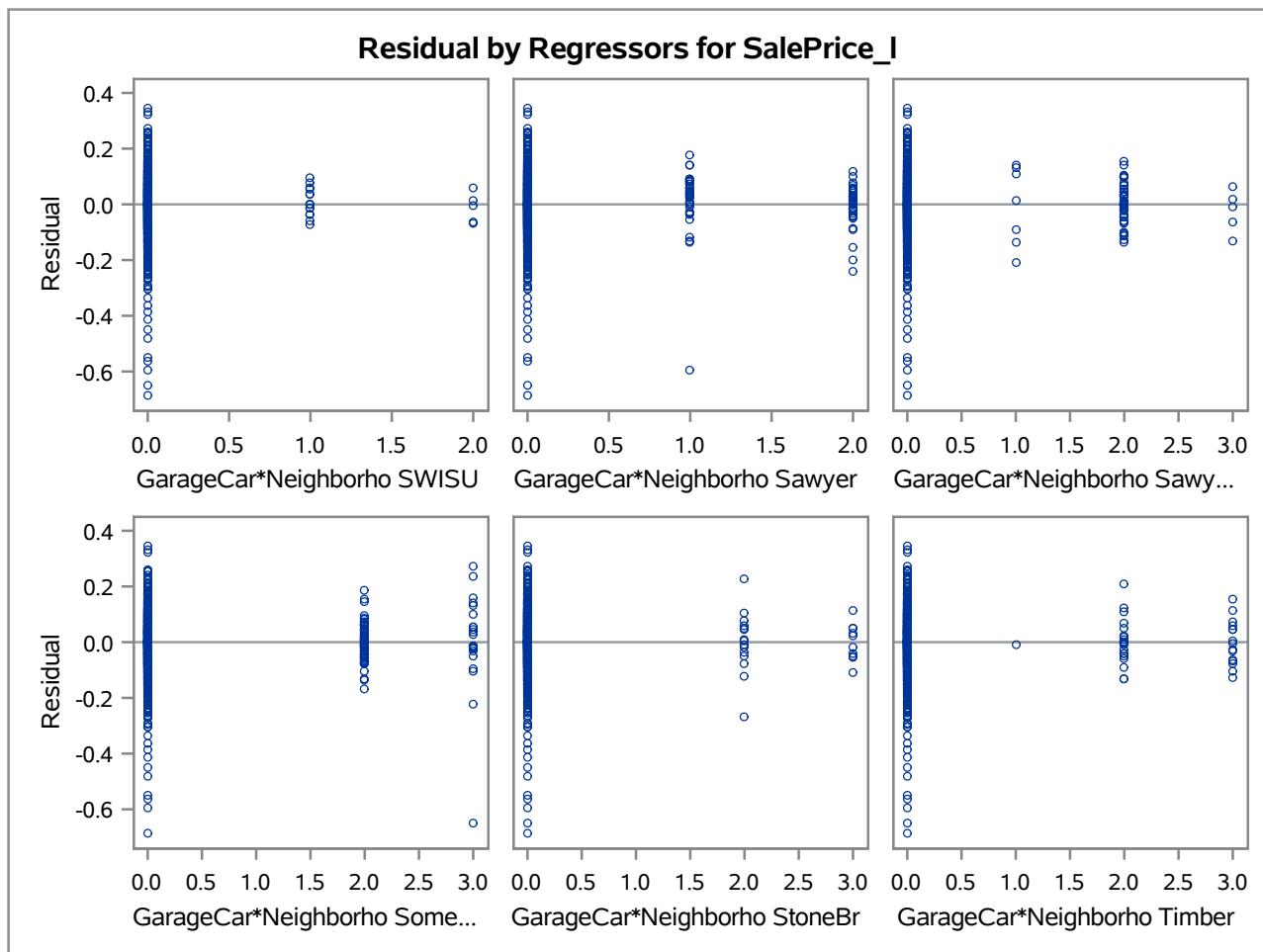
The REG Procedure

Model: MODEL1

Dependent Variable: SalePrice_I



Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

Backward Selection Multiple Linear Regression**The REG Procedure****Model: MODEL1****Dependent Variable: SalePrice_I**

The MEANS Procedure

Analysis Variable : SalePrice
Median
158440.44

The MEANS Procedure

Analysis Variable : SalePrice
Median
158440.44

The MEANS Procedure

Analysis Variable : SalePrice
Median
160286.22