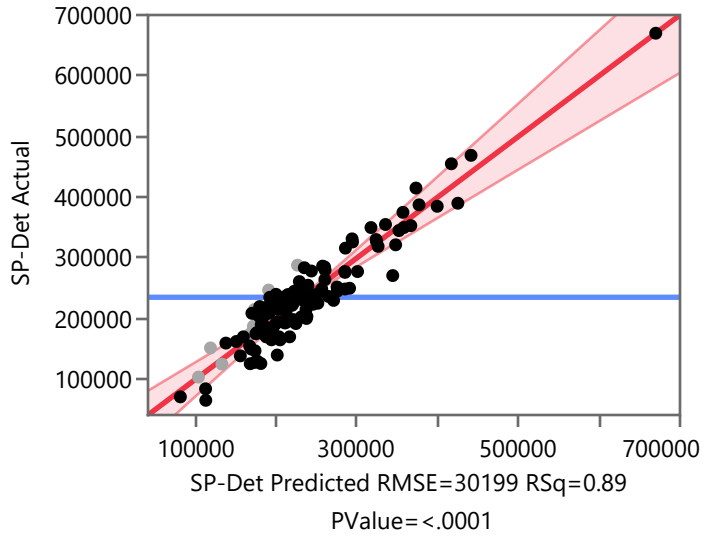
Response SP-Det

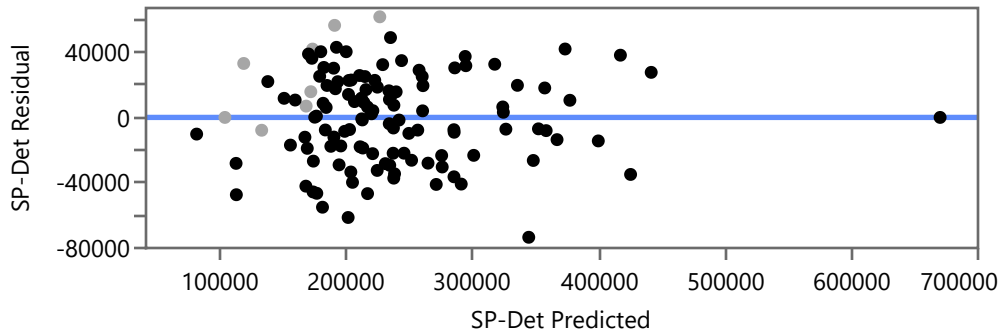
Actual by Predicted Plot



Effect Summary

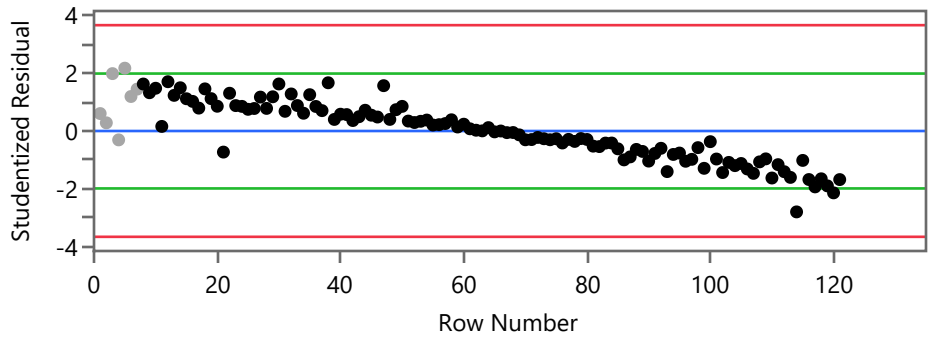
Source	Logworth	PValue
Cnd	6.804	0.00000
MainFn	6.266	0.00000
Days Prior to Assessment	5.680	0.00000
FnBsmt	3.656	0.00022
UpprFn	3.219	0.00060
Garage Area	2.529	0.00296
LnAcres	2.234	0.00583
UnfinBsmt	2.230	0.00589
Qlty	1.747	0.01792
EffAge	1.328	0.04702
TempNbhd	1.243	0.05714

Residual by Predicted Plot



Response SP-Det

Studentized Residuals



Externally studentized residuals with 95% simultaneous limits (Bonferroni) in red, individual limits in green.

Summary of Fit

RSquare	0.8928
RSquare Adj	0.870288
Root Mean Square Error	30198.8
Mean of Response	235167.8
Observations (or Sum Wgts)	122

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	21	7.5952e+11	3.617e+10	39.6588
Error	100	9.1197e+10	911967435	**Prob > F**
C. Total	121	8.5071e+11		<.0001*

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob>|t|
Intercept	109504.94	44165.7	2.48	0.0148*
LnAcres	20354.069	7223.778	2.82	0.0058*
Days Prior to Assessment	-55.42827	11.00123	-5.04	<.0001*
TempNbhd[UG]	-6732.133	7919.911	-0.85	0.3973
TempNbhd[UGR]	-19061.73	8743.187	-2.18	0.0316*
Qlty[F-F-]	13374.508	15342.35	0.87	0.3854
Qlty[F+-F]	6727.4045	7975.493	0.84	0.4010
Qlty[A-F+]	-2209.981	8973.618	-0.25	0.8060
Qlty[A+-A]	15536.432	13126.32	1.18	0.2394
Qlty[G-A+]	36643.024	22664.28	1.62	0.1091
Qlty[G+-G]	85978.702	55079.15	1.56	0.1217
Cnd[FR-PR]	58060.705	32895.8	1.76	0.0806
Cnd[AV-FR]	42463.59	10682.28	3.98	0.0001*
Cnd[GD-AV]	21603.554	6620.947	3.26	0.0015*
Cnd[VG-GD]	20010.278	18036.09	1.11	0.2699
Cnd[EX-VG]	-16828.22	27039.38	-0.62	0.5351
EffAge	-759.2329	377.5536	-2.01	0.0470*
MainFn	70.832588	13.22179	5.36	<.0001*
UpprFn	86.63817	24.45541	3.54	0.0006*

Response SP-Det

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob>|t|
UnfinBsmt	39.960598	14.19967	2.81	0.0059*
FnBsmt	69.034576	18.00851	3.83	0.0002*
Garage Area	48.825222	16.02514	3.05	0.0030*

Prediction Expression

109504.93932

+ 20354.069257 • LnAcres

+ -55.42826797 • Days Prior to Assessment

+ Match(TempNbhd, "UG" ⇒ -6732.132887, "UGR" ⇒ -19061.73008, "UGW" ⇒ 25793.862962, else ⇒ .)

+ Match(Qlty, "F-" ⇒ 0, "F" ⇒ 13374.508181, "F+" ⇒ 20101.912702, "A" ⇒ 17891.932077, "A+" ⇒ 33428.363621, "G" ⇒ 70071.38739, "G+" ⇒ 156050.08981, else ⇒ .)

+ Match(Cnd, "PR" ⇒ 0, "FR" ⇒ 58060.70511, "AV" ⇒ 100524.29472, "GD" ⇒ 122127.84887, "VG" ⇒ 142138.12732, "EX" ⇒ 125309.90365, else ⇒ .)

+ -759.2328607 • EffAge

+ 70.832587776 • MainFn

Response SP-Det

Prediction Expression

+ 86.638170291 • UpprFn

+ 39.960597505 • UnfinBsmt

+ 69.034576491 • FnBsmt

+ 48.825222213 • Garage Area

Scaled Estimates

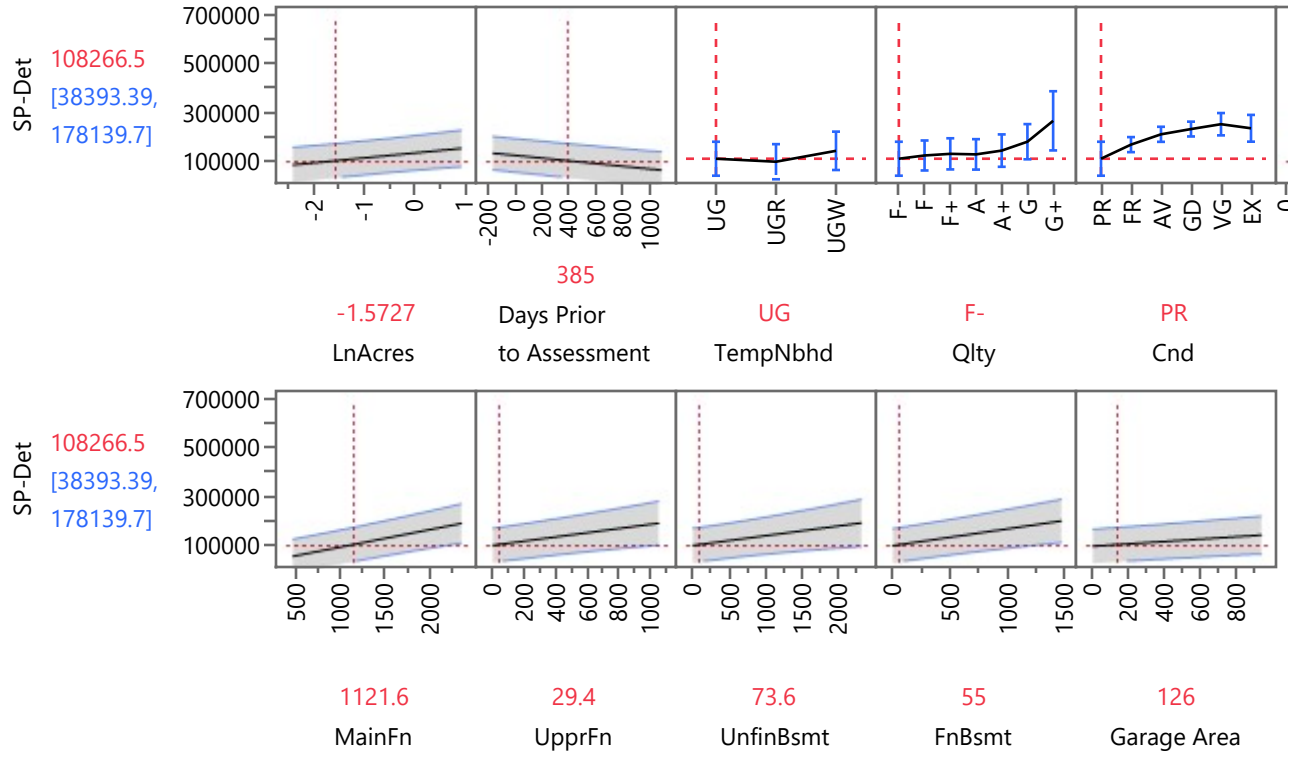
Nominal factors expanded to all levels

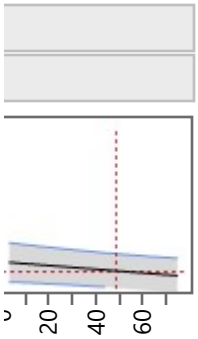
Continuous factors centered by mean, scaled by range/2

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
Intercept	115003.91	36006.45	3.19	0.0019*
LnAcres	33499.879	11889.3	2.82	0.0058*
Days Prior to Assessment	-34504.1	6848.267	-5.04	<.0001*
TempNbhd[UG]	-6732.133	7919.911	-0.85	0.3973
TempNbhd[UGR]	-19061.73	8743.187	-2.18	0.0316*
TempNbhd[UGW]	25793.863	11211.98	2.30	0.0235*
Qlty[F-F-]	13374.508	15342.35	0.87	0.3854
Qlty[F+-F]	6727.4045	7975.493	0.84	0.4010
Qlty[A-F+]	-2209.981	8973.618	-0.25	0.8060
Qlty[A+-A]	15536.432	13126.32	1.18	0.2394
Qlty[G-A+]	36643.024	22664.28	1.62	0.1091
Qlty[G+-G]	85978.702	55079.15	1.56	0.1217
Cnd[FR-PR]	58060.705	32895.8	1.76	0.0806
Cnd[AV-FR]	42463.59	10682.28	3.98	0.0001*
Cnd[GD-AV]	21603.554	6620.947	3.26	0.0015*
Cnd[VG-GD]	20010.278	18036.09	1.11	0.2699
Cnd[EX-VG]	-16828.22	27039.38	-0.62	0.5351
EffAge	-26952.77	13403.15	-2.01	0.0470*
MainFn	66759.714	12461.54	5.36	<.0001*
UpprFn	45051.849	12716.81	3.54	0.0006*
UnfinBsmt	45814.825	16279.92	2.81	0.0059*
FnBsmt	50257.172	13110.2	3.83	0.0002*
Garage Area	22679.316	7443.679	3.05	0.0030*

Response SP-Det

Prediction Profiler





47.467

EffAge