

Backward Selection Results | 2 Interaction Limit 5 fold CV

The GLMSELECT Procedure

Data Set	WORK.WORKING
Dependent Variable	SalePrice
Selection Method	Backward
Select Criterion	SBC
Stop Criterion	SBC
Choose Criterion	Cross Validation
Cross Validation Method	Split
Cross Validation Fold	10
Effect Hierarchy Enforced	Single

Number of Observations Read	2919
Number of Observations Used	2919
Number of Observations Used for Training	1460
Number of Observations Used for Testing	1459

Class Level Information

Class	Levels	Values
Neighborhood	25	Blmngtn Blueste BrDale BrkSide ClearCr CollgCr Crawfor Gilbert IDOTRR MeadowV Mitchel NAMES NPkVill NWAmes NoRidge NridgHt OldTown SWISU Sawyer SawyerW Somerst StoneBr Timber Veenker Edwards
OverallQual	10	1 2 3 4 5 6 7 8 9 10
OverallCond	9	1 2 3 4 5 6 7 8 9
MSZoning	6	C FV NA RH RL RM

Dimensions

Number of Effects	16
Number of Parameters	552

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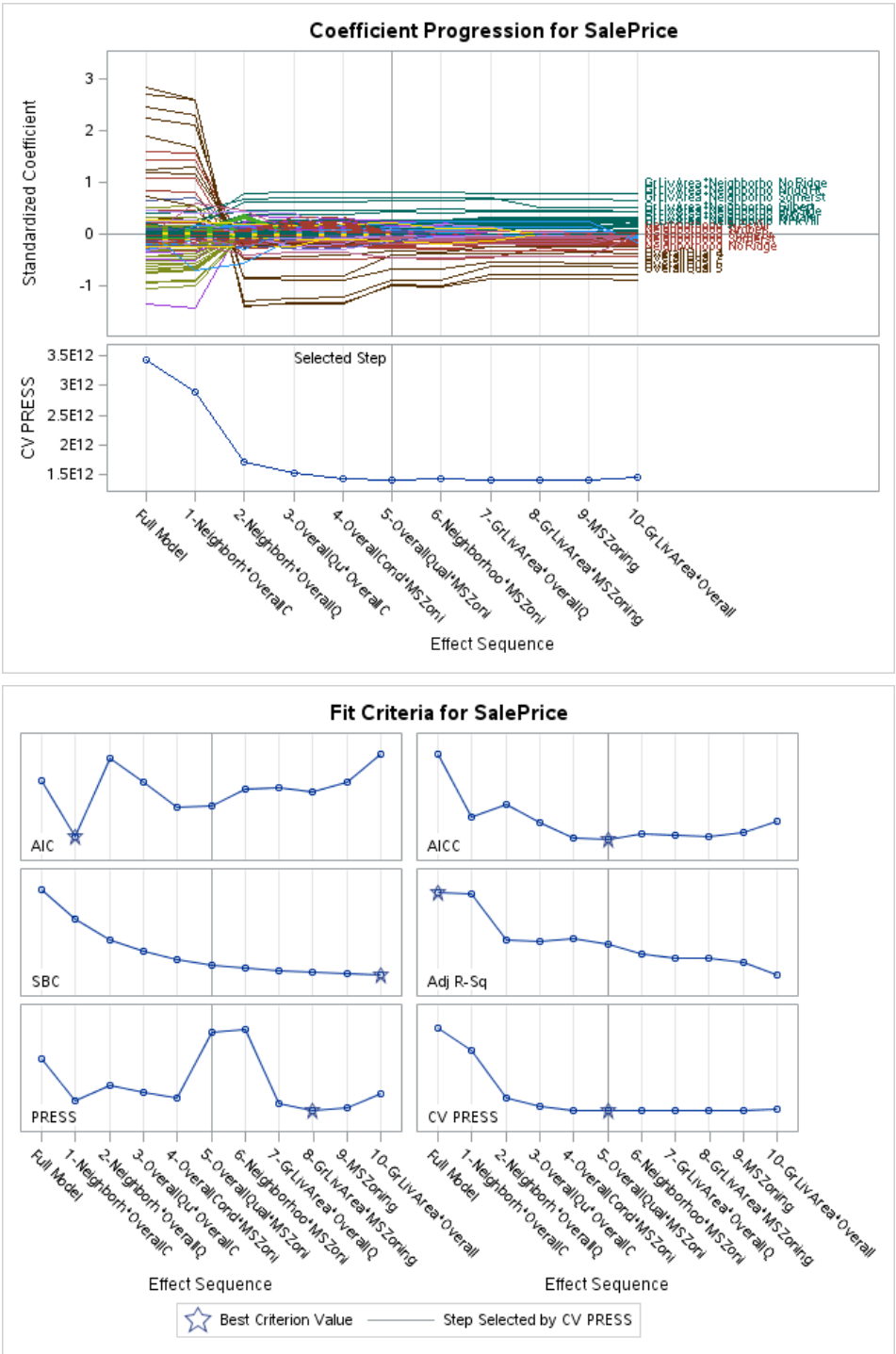
Backward Selection Summary

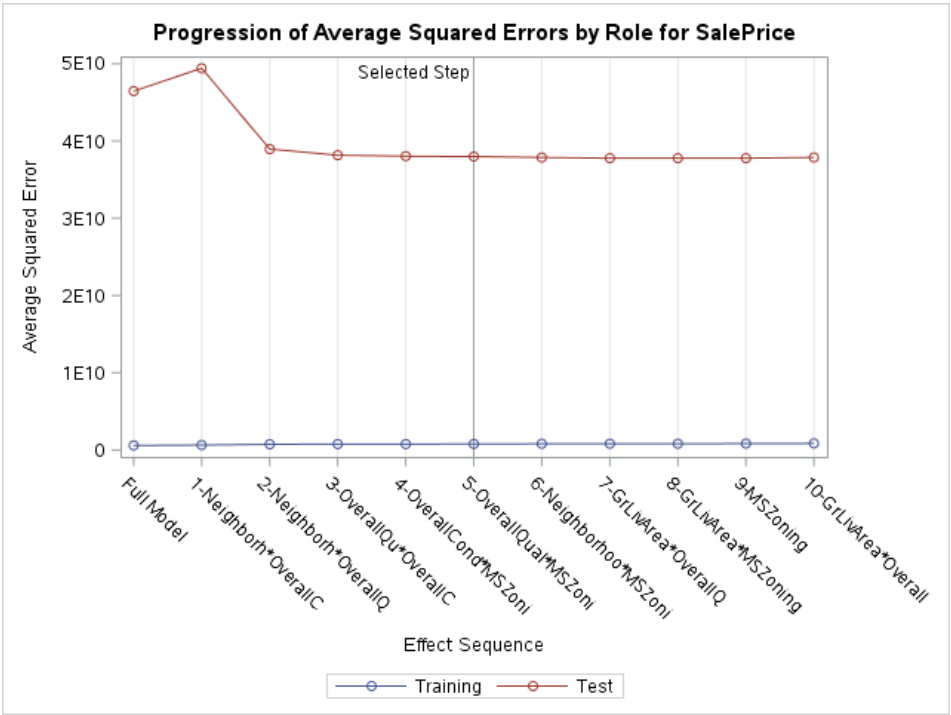
Step	Effect Removed	Number Effects In	Number Parmns In	Model R-Square	SBC	PRESS	ASE	Test ASE	CV PRESS
0		16	313	0.9051	31787.7630	1.48941E12	598777523	4.64526E10	3.41807E12
1	Neighborh*OverallCon	15	238	0.8985	31338.7349	1.41255E12	640101830	4.94196E10	2.8845E12
2	Neighborh*OverallQua	14	166	0.8821	31032.6764	1.43979E12	743461704	3.89564E10	1.72791E12
3	OverallQu*OverallCon	13	136	0.8790	30851.6588	1.42634E12	762840387	3.81649E10	1.53166E12
4	OverallCond*MSZoning	12	120	0.8784	30743.4155	1.41561E12	767208263	3.80319E10	1.4302E12
5	OverallQual*MSZoning	11	103	0.8754	30654.6570	1.53565E12	785879902	3.79778E10	1.41262E12*
6	Neighborhood*MSZoning	10	90	0.8718	30601.0091	1.54067E12	808302103	3.78593E10	1.43541E12
7	GrLivArea*OverallQua	9	82	0.8703	30560.3135	1.40662E12	818101621	3.77722E10	1.42268E12
8	GrLivArea*MSZoning	8	78	0.8699	30535.8901	1.39334E12*	820751463	3.7766E10	1.41995E12
9	MSZoning	7	74	0.8684	30523.3746	1.40007E12	830153198	3.77695E10	1.4238E12
10	GrLivArea*OverallCon	6	67	0.8646	30513.3098*	1.42379E12	853760216	3.78647E10	1.45092E12
* Optimal Value of Criterion									

Selection stopped at a local minimum of the SBC criterion.

Stop Details

Candidate For	Effect	Candidate SBC	Compare SBC
Removal	OverallCond	30523.7195	> 30513.3098





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The GLMSELECT Procedure
Selected Model

The selected model, based on Cross Validation, is the model at Step 5.

Effects:	Intercept GrLivArea Neighborhood GrLivArea*Neighborhood OverallQual GrLivArea*OverallQual OverallCond GrLivArea*OverallCond MSZoning GrLivArea*MSZoning Neighborhood*MSZoning
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Note: The p-values for parameters and effects are not adjusted for the fact that the terms in the model have been selected and so are generally liberal.

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	102	8.060527E12	79024771355	93.46	<.0001
Error	1357	1.147385E12	845530329		
Corrected Total	1459	9.207911E12			

Root MSE	29078
Dependent Mean	180921
R-Square	0.8754
Adj R-Sq	0.8660
AIC	31572
AICC	31588
PRESS	1.535652E12
SBC	30655
ASE (Train)	785879902
ASE (Test)	37977768195
CV PRESS	1.412619E12

Cross Validation Details			
Index	Observations		CV PRESS
	Fitted	Left Out	
1	1314	146	1.09896E11
2	1314	146	1.24742E11
3	1314	146	1.34413E11
4	1314	146	1.76329E11
5	1314	146	1.47648E11
6	1314	146	1.2198E11
7	1314	146	1.17851E11
8	1314	146	1.2194E11

9	1314	146	2.70485E11
10	1314	146	8.73332E10
Total			1.41262E12

Parameter Estimates																
Parameter	DF	Estimate	Standard Error	t Value	Pr > t	Cross Validation Estimates										
						1	2	3	4	5	6	7	8	9	10	
Intercept	1	303314	35095	8.64	<.0001	301291.31	309866.25	319203.57	312590.07	322192.56	297863.51	307528.98	314864.25	303511.46	314397.49	
GrLivArea	1	6.092785	16.682477	0.37	0.7150	-3.23	-3.55	-7.82	-1.13	-7.39	-5.48	-4.58	-6.78	7.52	-5.56	
Neighborhood Blmngtn	1	-139882	81518	-1.72	0.0864	-158868.49	-148212.89	-146929.57	-148927.84	-143261.09	-164226.56	-168502.94	-153246.86	-134710.60	-101415.31	
Neighborhood Blueste	1	-125957	177991	-0.71	0.4793	-121962.90	-121814.97	-127897.63	-117336.57	-127724.14	-126377.92	10809.07	-126485.16	-107771.02	-18445.77	
Neighborhood BrDale	1	-131793	60914	-2.16	0.0307	-116826.17	-123185.91	-119722.95	-124023.45	-119892.58	-134440.39	-128523.61	-139289.28	-100053.03	-134982.19	
Neighborhood BrkSide	1	-82569	21371	-3.86	0.0001	-91947.30	-92677.02	-96856.13	-93381.74	-104248.25	-94654.76	-97084.83	-93856.21	-78817.92	-96572.35	
Neighborhood ClearCr	1	34798	24662	1.41	0.1585	8350.89	10471.97	10660.86	-15634.97	7036.39	18258.98	7049.63	1278.52	56395.30	818.18	
Neighborhood CollgCr	1	-59494	18933	-3.14	0.0017	-59952.17	-63061.06	-46892.37	-57700.17	-63797.03	-62134.68	-63329.73	-65473.28	-50231.47	-61384.16	
Neighborhood Crawfor	1	31420	26752	1.17	0.2404	-69982.21	-69779.91	-70428.46	-58153.55	-62602.74	-69262.43	-66865.80	-64115.31	-41902.91	-69907.42	
Neighborhood Gilbert	1	-47999	21319	-2.25	0.0245	-58364.38	-61738.61	-67443.19	-53356.08	-59594.31	-67526.56	-63662.64	-70567.51	-54284.78	-52012.51	
Neighborhood IDOTRR	1	-85434	34164	-2.50	0.0125	-85516.83	-85571.34	-89482.37	-80950.83	-82459.79	-64190.91	-81686.13	-88571.07	-82339.91	-85946.03	
Neighborhood MeadowV	1	-70253	29892	-2.35	0.0189	-61322.39	-63694.48	-67314.61	-58802.10	-65881.45	-64261.48	-64400.34	-65964.64	-59877.80	-67548.44	
Neighborhood Mitchel	1	-24838	23985	-1.04	0.3006	-47422.47	-39688.75	-47419.86	-43358.75	-51724.05	-46891.87	-42118.93	-49818.32	-31580.38	-47191.03	
Neighborhood NAmes	1	-30819	11596	-2.66	0.0080	-42792.47	-42612.16	-44783.63	-39353.67	-50116.66	-48045.17	-50509.83	-49005.02	-33165.59	-48181.88	
Neighborhood NPkVill	1	-18754	56423	-0.33	0.7397	-33889.69	-37316.45	-40172.07	-29471.84	-39392.08	-42805.79	-34053.27	-39141.49	-22165.10	-39016.08	
Neighborhood NWAmes	1	-22603	18165	-1.24	0.2136	-54201.31	-44301.06	-52700.97	-46544.06	-61404.00	-65287.18	-51836.45	-61889.43	-38310.51	-56886.94	
Neighborhood NoRidge	1	-224040	23536	-9.52	<.0001	-212041.82	-176946.55	-189570.43	-195408.43	-210278.63	-219134.92	-216857.67	-225189.97	-197090.44	-205473.70	
Neighborhood NridgHt	1	-102643	35741	-2.87	0.0041	-105846.40	-107438.43	-112658.11	-76167.35	-110967.19	-121163.78	-106920.30	-125690.87	-84157.26	-114377.35	
Neighborhood OldTown	1	-68548	23086	-2.97	0.0030	-70079.90	-68689.62	-74870.22	-66416.47	-71091.38	-64676.44	-73974.29	-71178.66	-54855.48	-77446.19	
Neighborhood SWISU	1	-54174	24662	-2.20	0.0282	-65169.81	-73222.63	-78115.91	-65819.38	-77629.64	-82617.32	-60046.70	-73741.08	-58798.61	-75048.09	
Neighborhood Sawyer	1	-79598	32200	-2.47	0.0136	-41706.96	-42735.14	-43177.95	-35399.51	-46972.10	-42045.44	-49656.31	-43885.58	-31337.79	-44136.17	
Neighborhood SawyerW	1	-56332	17176	-3.28	0.0011	-74150.63	-69922.32	-72268.53	-61826.14	-77040.81	-74427.35	-78905.59	-79318.81	-55469.00	-76079.44	
Neighborhood Somerst	1	-160620	61496	-2.61	0.0091	-104306.56	-102177.34	-115555.48	-94683.70	-100411.35	-118695.47	-106588.50	-121167.20	-87527.21	-97833.87	
Neighborhood StoneBr	1	-158276	24841	-6.37	<.0001	-125822.13	-144788.41	-144155.97	-131060.05	-132092.08	-147100.66	-142253.56	-125386.20	-176968.18	-121832.82	
Neighborhood Timber	1	-59641	24654	-2.42	0.0157	-66964.65	-56331.53	-55805.02	-48191.54	-90189.91	-68850.59	-63060.17	-68382.87	-49158.85	-65356.72	
Neighborhood Veenker	1	-60924	47382	-1.29	0.1987	-76020.31	-78912.35	-80537.23	-64896.94	-95158.24	-97766.88	-79347.12	-87145.80	-77870.82	-122517.69	
Neighborhood Edwards	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GrLivArea*Neighborhood Blmngtn	1	118.720030	53.255720	2.23	0.0260	136.84	129.44	127.33	131.14	124.21	141.88	144.29	132.57	117.56	90.78	
GrLivArea*Neighborhood Blueste	1	87.650003	126.729210	0.69	0.4893	85.80	86.12	90.39	83.70	89.96	88.05	0.00	89.34	75.05	0.00	
GrLivArea*Neighborhood BrDale	1	87.991891	51.037004	1.72	0.0849	78.25	84.08	79.07	85.47	79.25	91.33	87.10	96.54	64.29	94.22	
GrLivArea*Neighborhood BrkSide	1	54.706454	13.595808	4.02	<.0001	71.31	72.12	75.65	72.76	80.78	72.92	72.92	71.40	59.47	72.80	
GrLivArea*Neighborhood ClearCr	1	18.512489	14.182268	1.31	0.1920	37.13	36.32	38.15	52.40	38.55	30.20	36.75	40.93	10.99	43.33	
GrLivArea*Neighborhood CollgCr	1	70.010583	9.357704	7.48	<.0001	72.38	74.02	61.45	71.26	75.25	72.41	73.44	76.13	63.38	71.64	
GrLivArea*Neighborhood Crawfor	1	54.036002	11.044936	4.89	<.0001	72.35	70.33	74.07	67.39	69.96	73.35	70.79	71.97	52.34	72.24	
GrLivArea*Neighborhood Gilbert	1	55.695978	13.320949	4.18	<.0001	64.00	66.77	69.30	61.59	66.08	69.13	66.63	70.87	58.37	59.06	
GrLivArea*Neighborhood IDOTRR	1	54.938609	25.681797	2.14	0.0326	54.13	52.61	56.78	51.21	49.15	36.20	47.52	57.37	50.17	52.94	
GrLivArea*Neighborhood MeadowV	1	43.997830	22.138476	1.99	0.0471	38.52	40.37	43.06	36.50	41.46	41.06	40.58	39.78	39.34	41.87	
GrLivArea*Neighborhood Mitchel	1	43.840668	13.253190	3.31	0.0010	54.29	49.22	54.97	54.70	58.28	54.03	49.80	58.11	41.25	54.00	
GrLivArea*Neighborhood NAmes	1	33.253119	8.438059	3.94	<.0001	42.85	44.13	45.59	42.62	48.65	47.12	48.98	49.05	35.70	46.65	
GrLivArea*Neighborhood NPkVill	1	18.457088	44.150093	0.42	0.6760	31.02	34.32	35.48	29.38	34.61	37.69	30.54	35.25	21.74	33.86	
GrLivArea*Neighborhood NWAmes	1	32.806409	11.169828	2.94	0.0034	56.10	50.49	56.63	53.10	60.28	61.84	54.67	61.07	44.15	56.99	
GrLivArea*Neighborhood NoRidge	1	149.389270	9.512785	15.70	<.0001	145.07	129.82	137.93	138.99	144.85	150.80	146.71	151.03	132.49	142.19	
GrLivArea*Neighborhood NridgHt	1	116.559773	12.850644	9.07	<.0001	114.25	116.19	116.64	94.80	117.80	123.44	115.53	124.42	98.42	117.97	
GrLivArea*Neighborhood OldTown	1	37.111022	14.514883	2.56	0.0107	40.99	40.32	46.18	39.37	40.72	36.78	44.05	42.29	28.35	45.59	
GrLivArea*Neighborhood	1	30.485246	14.157250	2.15	0.0315	40.85	45.77	50.81	43.62	50.53	52.88	41.20	47.58	34.92	47.07	

SWISU															
GrLivArea*Neighborhood Sawyer	1	43.212305	12.812884	3.37	0.0008	42.58	43.33	44.28	39.29	46.48	41.91	49.85	44.98	32.96	43.72
GrLivArea*Neighborhood SawyerW	1	61.897807	10.860616	5.70	<.0001	74.01	71.93	73.75	67.85	77.32	73.76	76.03	79.09	58.27	74.19
GrLivArea*Neighborhood Somerst	1	142.902465	36.686061	3.90	0.0001	102.79	101.09	108.62	96.53	99.11	111.91	103.00	112.77	89.71	96.70
GrLivArea*Neighborhood StoneBr	1	143.585781	13.313797	10.78	<.0001	130.22	137.60	138.85	129.65	134.05	141.57	137.84	131.02	145.84	123.02
GrLivArea*Neighborhood Timber	1	75.980173	14.436824	5.26	<.0001	84.18	77.03	74.25	69.01	98.69	81.67	80.07	82.00	68.94	80.51
GrLivArea*Neighborhood Veenker	1	84.155843	30.378064	2.77	0.0057	98.74	100.87	101.81	89.32	109.94	110.79	96.68	105.96	97.80	131.96
GrLivArea*Neighborhood Edwards	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OverallQual 1	1	-159907	64976	-2.46	0.0140	-144843.37	-147367.51	-155198.00	-250568.03	-155580.20	-139578.72	-145118.84	-154066.72	-161163.01	-151056.96
OverallQual 2	1	-209953	78004	-2.69	0.0072	-156411.30	-160495.27	-170191.44	-173373.50	-175269.80	-157057.42	-179590.32	-167244.22	-173314.76	-166135.63
OverallQual 3	1	-236362	37599	-6.29	<.0001	-161040.81	-172189.28	-181995.66	-182681.01	-186495.91	-167278.53	-170247.45	-176952.56	-182163.82	-177455.76
OverallQual 4	1	-203325	28624	-7.10	<.0001	-158583.51	-161223.11	-172973.35	-172224.68	-175167.96	-155779.87	-163459.94	-168183.34	-174956.23	-166265.18
OverallQual 5	1	-180589	27817	-6.49	<.0001	-148882.76	-153528.69	-164672.46	-163353.73	-167187.93	-147164.49	-156205.01	-159757.99	-167571.89	-158391.42
OverallQual 6	1	-180177	28289	-6.37	<.0001	-136380.51	-141048.52	-151388.18	-151986.34	-155164.80	-133909.68	-142188.16	-145495.21	-155952.21	-145163.01
OverallQual 7	1	-172841	28851	-5.99	<.0001	-117666.52	-120027.45	-130518.37	-132476.54	-134828.06	-114030.62	-123090.66	-125196.34	-135778.74	-124143.86
OverallQual 8	1	-100892	29130	-3.46	0.0005	-86000.75	-89452.97	-96968.59	-99198.35	-103808.91	-83955.09	-92227.38	-96106.61	-106135.10	-93706.63
OverallQual 9	1	-56901	40791	-1.39	0.1633	-19832.60	-27577.05	-34880.11	-28500.56	-44417.11	-24090.84	-30520.38	-31575.29	-55383.12	-29157.34
OverallQual 10	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 1	1	-87.772895	83.079594	-1.06	0.2909	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 2	1	34.215657	117.822105	0.29	0.7716	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 3	1	42.739528	25.027480	1.71	0.0879	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 4	1	20.623998	12.906371	1.60	0.1103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 5	1	9.873137	10.684525	0.92	0.3556	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 6	1	17.473526	10.972469	1.59	0.1115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 7	1	24.447283	11.093116	2.20	0.0277	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 8	1	0.366901	10.958614	0.03	0.9733	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 9	1	9.807353	17.500928	0.56	0.5753	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallQual 10	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OverallCond 1	0	0	.	.	.	-92526.71	-98285.97	-95932.70	0.00	-98933.10	0.00	-97267.07	-93672.60	-88146.71	-97313.98
OverallCond 2	1	-98723	73054	-1.35	0.1768	-37904.30	-41333.12	-36392.25	-40215.11	-33535.95	-31829.40	-31398.57	-38624.01	-51922.63	-37150.13
OverallCond 3	1	-847.154934	23463	-0.04	0.9712	-47939.22	-53423.27	-50504.38	-47228.07	-47576.26	-46855.64	-48850.55	-49226.53	-46603.73	-49927.12
OverallCond 4	1	24471	20464	1.20	0.2320	-36881.41	-42305.59	-32951.46	-37624.49	-34607.52	-32195.19	-34078.69	-35188.78	-33408.64	-36612.27
OverallCond 5	1	35501	16277	2.18	0.0294	-26798.50	-31379.15	-22851.48	-27682.41	-23624.15	-21395.45	-23929.98	-26787.85	-21987.11	-26771.26
OverallCond 6	1	25342	16836	1.51	0.1325	-20424.96	-24479.82	-17394.82	-20744.24	-16780.69	-15052.97	-18018.69	-20360.94	-17265.29	-19955.05
OverallCond 7	1	13146	16899	0.78	0.4368	-12985.14	-17597.43	-10869.43	-15938.26	-9525.12	-9112.89	-10707.80	-11998.46	-10044.78	-13434.10
OverallCond 8	1	23122	18603	1.24	0.2141	-14816.16	-16364.82	-11044.02	-16572.17	-9701.97	-8783.67	-10784.43	-13904.53	-9022.01	-12519.23
OverallCond 9	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 1	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 2	1	39.240674	47.033068	0.83	0.4042	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 3	1	-30.861716	14.399682	-2.14	0.0323	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 4	1	-39.789296	11.884142	-3.35	0.0008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 5	1	-41.306159	8.986791	-4.60	<.0001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 6	1	-28.647507	9.380240	-3.05	0.0023	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 7	1	-15.792325	9.470970	-1.67	0.0957	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 8	1	-21.782174	10.815247	-2.01	0.0442	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*OverallCond 9	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MSZoning C	1	1156.991046	104106	0.01	0.9911	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MSZoning FV	1	40979	66809	0.61	0.5397	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MSZoning NA	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MSZoning RH	1	-23006	35835	-0.64	0.5210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MSZoning RL	1	-26753	21427	-1.25	0.2120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MSZoning RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*MSZoning C	1	-8.978172	43.428961	-0.21	0.8362	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*MSZoning FV	1	-31.590955	40.049582	-0.79	0.4304	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*MSZoning NA	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*MSZoning RH	1	-9.719300	21.928483	-0.44	0.6577	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GrLivArea*MSZoning RL	1	20.115447	13.269238	1.52	0.1298	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GrLivArea*MSZoning RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Blmngtn RL	1	6521.333276	31924	0.20	0.8382	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Blmngtn RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Blueste RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning BrDale RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning BrkSide RL	1	18660	13751	1.36	0.1750	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning BrkSide RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning ClearCr RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning CollgCr RL	1	760.911034	16939	0.04	0.9642	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning CollgCr RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Crawfor RH	1	-81766	39302	-2.08	0.0377	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Crawfor RL	1	-82004	21074	-3.89	0.0001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Crawfor RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Gilbert RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning IDOTRR C	1	-10451	60618	-0.17	0.8631	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning IDOTRR NA	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning IDOTRR RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning MeadowV RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Mitchel NA	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Mitchel RL	1	-9949.217598	17584	-0.57	0.5716	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Mitchel RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning NAmes RH	1	39749	30104	1.32	0.1869	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning NAmes RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning NPKvIII RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning NWAmes RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning NoRidge RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning NridgHt RL	1	-9216.330206	31715	-0.29	0.7714	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning NridgHt RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning OldTown C	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning OldTown RL	1	11502	13598	0.85	0.3978	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning OldTown RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning SWISU C	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning SWISU RH	1	54518	30502	1.79	0.0741	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning SWISU RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Sawyer RL	1	37603	25013	1.50	0.1330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Sawyer RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning SawyerW RH	1	9688.589026	26467	0.37	0.7144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning SawyerW RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Somerst FV	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Somerst RL																
Neighborhood*MSZoning StoneBr RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Timber RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Veenker RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Edwards RH	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Edwards RL	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Neighborhood*MSZoning Edwards RM	0	0	.	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00