

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Run Summary Report

Item	Value	Rows	Value
Dependent Variable	sale_price	Number Processed	1815
Number Ind. Variables	7	Number Used in Estimation	1631
Weight Variable	None	Number Filtered Out	0
Robust Method	Huber's Method	Number with X's Missing	184
Tuning Constant	1.345	Number with Weight Missing	0
MAD Scale Factor	0.6745	Number with Y Missing	0
		Sum of Robust Weights	1502.592
Run Information	Value		
Iterations	12		
Max % Change in any Coef	0.001		
R ² after Robust Weighting	0.2047		
S using MAD	54230.47		
S using MSE	57957.63		
Completion Status	Normal Completion		

Descriptive Statistics

Variable	Count	Mean	Standard Deviation	Minimum	Maximum
House_Floor_area_sqm	1631	117.7569	27.758	0	309
Bedrooms	1631	2.879341	0.72306	1	5
Car_Spaces	1631	1.63206	0.859179	1	5
MinParkDist	1631	1052.568	679.7266	28.60286	3725.59
DistanceMM	1631	2073.429	694.1096	436.3154	4579.691
Closest_petrol	1631	909.9046	438.2788	26.82142	4198.331
DistToHosp	1631	1927.785	1073.749	158.9931	4976.466
sale_price	1631	89654.9	64850.5	3500	1200000

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Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Iterations - Coefficients

Robust Iteration	Max Percent Change in Coefficients	b(0)	b(1)	b(2)	b(3)
0		-34265.46	339.2848	18193.38	14571.36
1	35.989	-43686.77	320.7035	18087.24	14888.93
2	7.953	-40681.3	295.1992	17824.68	14381.35
3	3.639	-39292.05	284.4568	17789.82	14141.39
4	1.466	-38765.2	280.2872	17786.44	14051.87
5	0.575	-38574.13	278.6759	17787.36	14019.97
6	0.220	-38492.69	278.0617	17786.76	14007.4
7	0.081	-38463.55	277.8362	17786.63	14002.89
8	0.031	-38455.37	277.7503	17786.94	14001.5
9	0.013	-38451.96	277.7148	17787.06	14000.95
10	0.005	-38450.51	277.7	17787.11	14000.73
11	0.002	-38449.9	277.6939	17787.13	14000.64
12	0.001	-38449.64	277.6913	17787.14	14000.6

Robust Iterations - Residuals

Robust Iteration	Max Percent Change in Coefficients	Percentiles of Absolute Residuals			
		25th	50th	75th	100th
0		22581.05	44303.91	71890.48	1101190
1	35.989	19484.87	40822.92	69103.45	1112926
2	7.953	19413.9	40243.48	68692.91	1114674
3	3.639	19489.37	39974.93	68564.07	1115092
4	1.466	19507.43	40041.04	68620.8	1115223
5	0.575	19509.56	40050.74	68560.27	1115276
6	0.220	19504.98	40023.55	68603	1115292
7	0.081	19503.01	40030.43	68589.4	1115298
8	0.031	19501.21	40035.31	68582.47	1115302
9	0.013	19500.54	40037.44	68579.51	1115303
10	0.005	19500.29	40038.35	68578.27	1115304
11	0.002	19500.19	40038.73	68577.75	1115304
12	0.001	19500.16	40038.89	68577.53	1115305

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Regression Coefficients T-Tests Assuming Fixed Weights

Independent Variable	Regression Coefficient b(i)	Standard Error Sb(i)	Standard-ized Coefficient	T-Statistic to Test H0: $\beta(i)=0$	Prob Level	Reject H0 at 5%?
Intercept	-38449.64	8863.037	0.0000	-4.338	0.0000	Yes
House_Floor_area_sqm	277.6913	54.42985	0.1189	5.102	0.0000	Yes
Bedrooms	17787.14	2124.218	0.1983	8.373	0.0000	Yes
Car_Spaces	14000.6	1742.099	0.1855	8.037	0.0000	Yes
MinParkDist	10.62513	2.966443	0.1114	3.582	0.0004	Yes
DistanceMM	6.491302	2.446358	0.0695	2.653	0.0080	Yes
Closest_petrol	19.35447	3.97875	0.1308	4.864	0.0000	Yes
DistToHosp	-10.84884	1.922739	-0.1796	-5.642	0.0000	Yes

Regression Coefficients T-Tests Assuming Random Weights

Independent Variable	Regression Coefficient b(i)	Standard Error Sb(i)	Standard-ized Coefficient	T-Statistic to Test H0: $\beta(i)=0$	Prob Level	Reject H0 at 5%?
Intercept	-38449.64	9052.391	0.0000	-4.247	0.0000	Yes
House_Floor_area_sqm	277.6913	53.76743	0.1189	5.165	0.0000	Yes
Bedrooms	17787.14	2171.275	0.1983	8.192	0.0000	Yes
Car_Spaces	14000.6	1763.804	0.1855	7.938	0.0000	Yes
MinParkDist	10.62513	3.063503	0.1114	3.468	0.0005	Yes
DistanceMM	6.491302	2.511021	0.0695	2.585	0.0098	Yes
Closest_petrol	19.35447	4.080142	0.1308	4.744	0.0000	Yes
DistToHosp	-10.84884	1.980309	-0.1796	-5.478	0.0000	Yes

Regression Coefficients Confidence Intervals Assuming Fixed Weights

Independent Variable	Regression Coefficient b(i)	Standard Error Sb(i)	Lower 95% Conf. Limit of $\beta(i)$	Upper 95% Conf. Limit of $\beta(i)$
Intercept	-38449.64	8863.037	-55820.88	-21078.41
House_Floor_area_sqm	277.6913	54.42985	171.0108	384.3719
Bedrooms	17787.14	2124.218	13623.75	21950.53
Car_Spaces	14000.6	1742.099	10586.15	17415.05
MinParkDist	10.62513	2.966443	4.811013	16.43925
DistanceMM	6.491302	2.446358	1.696528	11.28608
Closest_petrol	19.35447	3.97875	11.55626	27.15268
DistToHosp	-10.84884	1.922739	-14.61734	-7.080345

Note: The T-Value used to calculate these confidence limits was 1.960.

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Regression Coefficients Confidence Intervals Assuming Random Weights

Independent Variable	Regression Coefficient b(i)	Standard Error Sb(i)	Lower 95% Conf. Limit of $\beta(i)$	Upper 95% Conf. Limit of $\beta(i)$
Intercept	-38449.64	9052.391	-56192	-20707.28
House_Floor_area_sqm	277.6913	53.76743	172.3091	383.0735
Bedrooms	17787.14	2171.275	13531.52	22042.76
Car_Spaces	14000.6	1763.804	10543.61	17457.59
MinParkDist	10.62513	3.063503	4.620778	16.62949
DistanceMM	6.491302	2.511021	1.569791	11.41281
Closest_petrol	19.35447	4.080142	11.35754	27.3514
DistToHosp	-10.84884	1.980309	-14.73018	-6.96751

Note: The T-Value used to calculate these confidence limits was 1.960.

Estimated Equation

sale_price =
 -38449.6408385796 + 277.69130996575 * House_Floor_area_sqm + 17787.1377423177 * Bedrooms +
 14000.6001145613 * Car_Spaces + 10.6251337197416 * MinParkDist + 6.49130208874234 * DistanceMM +
 19.3544684171763 * Closest_petrol - 10.8488440117646 * DistToHosp

Robust Residuals and Weights

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1	17000	44074.2	-27074.2	159.260	1.0000
2	130000	91395.7	38604.3	29.696	1.0000
3	155000	130042.4	24957.57	16.102	1.0000
4	72500	107999.5	-35499.49	48.965	1.0000
5	135000	152327.3	-17327.32	12.835	1.0000
6	18000	46705.44	-28705.44	159.475	1.0000
7	22000	79197.88	-57197.88	259.990	1.0000
8	17000	70053.74	-53053.74	312.081	1.0000
9	55000	33280.68	21719.32	39.490	1.0000
10	19500	43310.21	-23810.21	122.104	1.0000
11	35000	108834.5	-73834.49	210.956	0.9879
12	30000	64188.53	-34188.53	113.962	1.0000
13	92000	63048.87	28951.13	31.469	1.0000
14	45000	85004.84	-40004.84	88.900	1.0000
15	50000	91593.88	-41593.88	83.188	1.0000
16	11750	39789.16	-28039.16	238.631	1.0000
17	22000	73863.64	-51863.64	235.744	1.0000
18	55000	62623.06	-7623.059	13.860	1.0000
19	40000	104658	-64657.99	161.645	1.0000
21	45000	80136.77	-35136.77	78.082	1.0000

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Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
22	10000	180493.4	-170493.4	1704.934	0.4278
23	40000	99725.77	-59725.76	149.314	1.0000
25	44000	59265.75	-15265.75	34.695	1.0000
26	10000	54956.44	-44956.44	449.564	1.0000
27	32300	63823.45	-31523.44	97.596	1.0000
28	39000	70653.66	-31653.66	81.163	1.0000
29	41500	72819.92	-31319.93	75.470	1.0000
30	100000	70058.89	29941.11	29.941	1.0000
31	40000	67028.16	-27028.16	67.570	1.0000
32	18000	43827.95	-25827.94	143.489	1.0000
33	25000	64040.98	-39040.98	156.164	1.0000
34	73000	63535.43	9464.572	12.965	1.0000
35	90000	61517.85	28482.15	31.647	1.0000
36	60000	72717.41	-12717.42	21.196	1.0000
37	10000	74282.98	-64282.98	642.830	1.0000
38	39000	85716.51	-46716.51	119.786	1.0000
39	36000	86589.63	-50589.63	140.527	1.0000
40	38000	93704.58	-55704.58	146.591	1.0000
41	14000	37410.43	-23410.43	167.217	1.0000
45	76000	120433.7	-44433.7	58.465	1.0000
46	23000	64676.06	-41676.06	181.200	1.0000
47	30000	102252.5	-72252.54	240.842	1.0000
48	63000	123207.2	-60207.2	95.567	1.0000
49	49000	80942.5	-31942.5	65.189	1.0000
50	16500	93674.97	-77174.97	467.727	0.9451
51	25000	57273.3	-32273.29	129.093	1.0000
52	12000	66175.83	-54175.82	451.465	1.0000
53	7000	148813	-141813	2025.901	0.5143
54	8500	25065.66	-16565.66	194.890	1.0000
55	30500	119432.4	-88932.44	291.582	0.8202
56	42000	88951.64	-46951.64	111.790	1.0000
57	19500	104005.3	-84505.29	433.360	0.8631
58	8500	39633.82	-31133.82	366.280	1.0000
59	12000	86777.85	-74777.85	623.149	0.9754
60	28000	87513.45	-59513.45	212.548	1.0000
61	24000	86984.57	-62984.57	262.436	1.0000
62	20000	65540.18	-45540.18	227.701	1.0000
63	35000	108696.2	-73696.22	210.561	0.9897
64	12000	50026.84	-38026.84	316.890	1.0000
65	57000	107043.1	-50043.15	87.795	1.0000
66	17000	113414.2	-96414.2	567.142	0.7565
67	50000	109953.3	-59953.28	119.907	1.0000
68	44000	107484.8	-63484.82	144.284	1.0000
69	34000	125297.8	-91297.8	268.523	0.7989
71	30000	86533.59	-56533.59	188.445	1.0000
72	17500	48436.11	-30936.11	176.778	1.0000
73	6000	109544	-103544	1725.734	0.7044

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Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
74	23000	120858.5	-97858.49	425.472	0.7454
75	26000	111439.6	-85439.64	328.614	0.8537
76	54350	95733.21	-41383.21	76.142	1.0000
77	74000	74967.65	-967.6461	1.308	1.0000
78	112000	114051.6	-2051.558	1.832	1.0000
79	27500	90075.68	-62575.68	227.548	1.0000
80	49000	93138.84	-44138.84	90.079	1.0000
81	40000	61304.84	-21304.84	53.262	1.0000
82	83000	106973.5	-23973.54	28.884	1.0000
83	35000	90098.13	-55098.13	157.423	1.0000
84	124000	127046.5	-3046.477	2.457	1.0000
85	14000	61776.56	-47776.56	341.261	1.0000
86	15000	88592.14	-73592.14	490.614	0.9911
87	15000	40745.49	-25745.49	171.637	1.0000
88	52000	94695.52	-42695.52	82.107	1.0000
89	23000	58125.18	-35125.18	152.718	1.0000
90	7000	22989.73	-15989.73	228.425	1.0000
91	32000	45560.44	-13560.44	42.376	1.0000
92	14500	47011.55	-32511.55	224.218	1.0000
93	7000	52133.58	-45133.58	644.765	1.0000
94	37000	70483.95	-33483.94	90.497	1.0000
95	23000	52759.13	-29759.13	129.388	1.0000
96	22000	74945.9	-52945.9	240.663	1.0000
97	28000	74945.9	-46945.9	167.664	1.0000
98	62500	71030.36	-8530.36	13.649	1.0000
99	18000	79680.5	-61680.5	342.669	1.0000
100	22500	68499.3	-45999.3	204.441	1.0000
101	7000	33204.58	-26204.58	374.351	1.0000
102	9000	71527.34	-62527.34	694.748	1.0000
103	24000	47935.56	-23935.56	99.731	1.0000
106	10000	40093.8	-30093.8	300.938	1.0000
107	59700	76792.95	-17092.94	28.631	1.0000
108	43000	77986.65	-34986.65	81.364	1.0000
109	115000	142259.7	-27259.69	23.704	1.0000
110	18000	42632.03	-24632.03	136.845	1.0000
111	60000	72620.77	-12620.76	21.035	1.0000
113	180000	118387.3	61612.7	34.229	1.0000
114	180000	245379.9	-65379.91	36.322	1.0000
115	80000	132259.8	-52259.8	65.325	1.0000
116	58000	98515.75	-40515.75	69.855	1.0000
117	85000	129577.5	-44577.47	52.444	1.0000
118	75000	112598.7	-37598.73	50.132	1.0000
119	87000	118830.7	-31830.66	36.587	1.0000
120	46000	198766.3	-152766.3	332.101	0.4775
121	45000	118990.5	-73990.52	164.423	0.9858
122	25000	89238.31	-64238.31	256.953	1.0000
123	26000	89238.31	-63238.31	243.224	1.0000

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Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
124	54000	102231.1	-48231.13	89.317	1.0000
125	11000	105418.3	-94418.31	858.348	0.7725
126	54500	146008.5	-91508.54	167.906	0.7971
127	145000	174302.1	-29302.13	20.208	1.0000
128	95000	173766.6	-78766.59	82.912	0.9260
129	140000	175267.4	-35267.43	25.191	1.0000
130	130000	110352.9	19647.1	15.113	1.0000
131	112000	143149.4	-31149.42	27.812	1.0000
133	30000	73702.99	-43702.99	145.677	1.0000
134	35000	103245.1	-68245.06	194.986	1.0000
135	50000	120588.9	-70588.89	141.178	1.0000
136	87000	72106.63	14893.38	17.119	1.0000
137	16000	142723.2	-126723.1	792.020	0.5756
138	32000	110706.3	-78706.26	245.957	0.9267
139	24000	144458.7	-120458.7	501.911	0.6055
140	32000	140907	-108907	340.334	0.6697
142	10000	48355.86	-38355.86	383.559	1.0000
143	40000	60227.36	-20227.36	50.568	1.0000
144	83500	65654.84	17845.15	21.371	1.0000
145	47000	87808.46	-40808.46	86.827	1.0000
146	20000	89776.01	-69776.01	348.880	1.0000
147	30000	109607	-79606.97	265.357	0.9163
148	11500	111285.5	-99785.48	867.700	0.7310
149	25000	68224.8	-43224.8	172.899	1.0000
151	40000	103016.1	-63016.06	157.540	1.0000
152	31500	51740.2	-20240.2	64.255	1.0000
153	5000	30313.89	-25313.89	506.278	1.0000
154	66000	64762.47	1237.526	1.875	1.0000
155	30000	80420.77	-50420.77	168.069	1.0000
157	97000	107383.7	-10383.7	10.705	1.0000
158	20000	98700.21	-78700.21	393.501	0.9268
160	30000	63887.07	-33887.07	112.957	1.0000
161	50000	51308.66	-1308.656	2.617	1.0000
163	95000	99998.55	-4998.546	5.262	1.0000
164	44000	54761.73	-10761.73	24.458	1.0000
165	34000	42781.16	-8781.156	25.827	1.0000
166	87000	121022.3	-34022.27	39.106	1.0000
167	50000	85834.29	-35834.29	71.669	1.0000
168	12000	92128.45	-80128.45	667.737	0.9103
170	26500	50380.94	-23880.94	90.117	1.0000
171	67000	98369.96	-31369.96	46.821	1.0000
172	28000	55138.02	-27138.02	96.921	1.0000
173	20000	22517.47	-2517.47	12.587	1.0000
174	13000	58900.84	-45900.84	353.083	1.0000
175	13000	23557.84	-10557.84	81.214	1.0000
176	25000	61258.89	-36258.89	145.036	1.0000
177	14000	94903.76	-80903.76	577.884	0.9016

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Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
178	10000	66765.82	-56765.82	567.658	1.0000
179	10000	80868.32	-70868.32	708.683	1.0000
180	17000	74912.26	-57912.26	340.660	1.0000
181	95000	127407.3	-32407.3	34.113	1.0000
182	79400	97082.06	-17682.06	22.270	1.0000
184	62000	47725.26	14274.74	23.024	1.0000
185	63000	89259.05	-26259.05	41.681	1.0000
186	50000	74883.63	-24883.63	49.767	1.0000
187	70000	133944.7	-63944.66	91.350	1.0000
188	139000	96830.61	42169.39	30.338	1.0000
189	24000	82753.06	-58753.07	244.804	1.0000
190	39500	121555.9	-82055.91	207.736	0.8889
191	52000	114313.4	-62313.37	119.833	1.0000
192	25000	134755.7	-109755.7	439.023	0.6646
193	4000	71560.68	-67560.68	1689.017	1.0000
195	55000	56828.7	-1828.698	3.325	1.0000
196	95000	111637.2	-16637.18	17.513	1.0000
198	8000	83110.13	-75110.13	938.877	0.9711
199	35000	65706.95	-30706.96	87.734	1.0000
200	33000	79184.86	-46184.86	139.954	1.0000
201	14500	98466.76	-83966.76	579.081	0.8687
202	18000	94130.66	-76130.66	422.948	0.9581
203	30000	93373.54	-63373.54	211.245	1.0000
204	30000	86261.88	-56261.88	187.540	1.0000
205	29000	52903.67	-23903.67	82.426	1.0000
206	10000	54610.66	-44610.66	446.107	1.0000
207	25000	103163	-78162.97	312.652	0.9332
208	16000	69462.11	-53462.11	334.138	1.0000
210	55000	96468.94	-41468.94	75.398	1.0000
211	37000	103563.3	-66563.27	179.901	1.0000
212	65000	81928.23	-16928.22	26.043	1.0000
214	23000	80495.4	-57495.4	249.980	1.0000
215	10000	83441.67	-73441.67	734.417	0.9932
216	9200	49903.95	-40703.95	442.434	1.0000
217	18000	91367.16	-73367.16	407.595	0.9942
218	48000	97144.65	-49144.65	102.385	1.0000
219	45000	148413.8	-103413.8	229.808	0.7053
220	105000	162828.6	-57828.64	55.075	1.0000
221	55000	94453.73	-39453.73	71.734	1.0000
222	38000	98109.35	-60109.35	158.183	1.0000
227	54000	97718.52	-43718.52	80.960	1.0000
228	35000	48969.23	-13969.24	39.912	1.0000
229	95000	103529.3	-8529.314	8.978	1.0000
230	29000	39809.58	-10809.58	37.274	1.0000
231	22000	83119.11	-61119.11	277.814	1.0000
232	87000	79487.95	7512.043	8.635	1.0000
233	11000	78158.03	-67158.03	610.528	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
234	34000	66982.82	-32982.82	97.008	1.0000
236	100000	88973.16	11026.84	11.027	1.0000
237	35000	101130.4	-66130.38	188.944	1.0000
238	25000	94683.87	-69683.87	278.735	1.0000
239	30000	116368.3	-86368.3	287.894	0.8445
240	65000	99160.2	-34160.2	52.554	1.0000
241	145000	142510.8	2489.152	1.717	1.0000
242	28000	123287.2	-95287.2	340.311	0.7655
243	40000	119183.3	-79183.28	197.958	0.9212
244	55000	106842.8	-51842.83	94.260	1.0000
245	75000	98699.09	-23699.09	31.599	1.0000
246	52000	87231.17	-35231.18	67.752	1.0000
247	102500	109674.4	-7174.393	6.999	1.0000
248	8455	150202.2	-141747.2	1676.490	0.5146
249	40000	101047.7	-61047.66	152.619	1.0000
250	11000	44194.79	-33194.79	301.771	1.0000
251	19000	47788.93	-28788.92	151.521	1.0000
252	20000	76253.1	-56253.1	281.266	1.0000
253	18000	75674.35	-57674.36	320.413	1.0000
254	21000	65084.9	-44084.9	209.928	1.0000
255	17000	48553.87	-31553.87	185.611	1.0000
256	25000	76515.43	-51515.43	206.062	1.0000
257	10000	45979.1	-35979.1	359.791	1.0000
258	19000	87813.63	-68813.63	362.177	1.0000
259	35000	71698.32	-36698.32	104.852	1.0000
260	21775	95540.16	-73765.16	338.761	0.9888
261	10000	64350.51	-54350.51	543.505	1.0000
262	78000	61949.47	16050.53	20.578	1.0000
263	14000	46955.96	-32955.96	235.400	1.0000
264	38000	89564.41	-51564.4	135.696	1.0000
266	40000	83668.51	-43668.51	109.171	1.0000
267	22000	84080.25	-62080.25	282.183	1.0000
268	49000	91480.9	-42480.89	86.696	1.0000
269	125000	127005.9	-2005.866	1.605	1.0000
270	49000	143776.7	-94776.66	193.422	0.7696
271	75000	101714.8	-26714.82	35.620	1.0000
272	55000	103652	-48652	88.458	1.0000
273	27500	88174.86	-60674.86	220.636	1.0000
274	47000	74758.85	-27758.85	59.061	1.0000
275	39500	122655.3	-83155.34	210.520	0.8772
276	43000	58152.73	-15152.73	35.239	1.0000
278	35000	60892.18	-25892.18	73.978	1.0000
279	15000	70560.87	-55560.87	370.406	1.0000
280	25000	67029.98	-42029.98	168.120	1.0000
281	35000	82449.98	-47449.98	135.571	1.0000
282	36000	121905.6	-85905.59	238.627	0.8491
283	17000	73151.1	-56151.1	330.301	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
284	25000	110346.2	-85346.22	341.385	0.8546
285	15000	131246.6	-116246.6	774.978	0.6275
286	20000	76250.37	-56250.37	281.252	1.0000
287	26000	60916.04	-34916.04	134.292	1.0000
288	32000	50233.63	-18233.63	56.980	1.0000
289	14000	16785.7	-2785.698	19.898	1.0000
290	42000	75825.41	-33825.41	80.537	1.0000
291	53000	119248.4	-66248.4	124.997	1.0000
292	63000	121349.9	-58349.86	92.619	1.0000
293	30000	60848.97	-30848.97	102.830	1.0000
294	44000	73760.49	-29760.49	67.637	1.0000
295	10000	78685.45	-68685.45	686.855	1.0000
296	115000	86927.16	28072.84	24.411	1.0000
297	39000	62989.79	-23989.79	61.512	1.0000
298	60000	58415.18	1584.826	2.641	1.0000
300	15000	42104.81	-27104.81	180.699	1.0000
301	28000	86416.61	-58416.61	208.631	1.0000
302	24000	84864.73	-60864.73	253.603	1.0000
303	21000	107515.1	-86515.1	411.977	0.8431
305	24000	52035.07	-28035.07	116.813	1.0000
306	20000	125968.2	-105968.2	529.841	0.6883
307	44000	82679.21	-38679.21	87.907	1.0000
309	60000	56220.73	3779.264	6.299	1.0000
310	129000	116076.2	12923.84	10.018	1.0000
311	32000	140751.3	-108751.3	339.848	0.6707
312	19000	37948.79	-18948.79	99.730	1.0000
313	21500	58178.42	-36678.42	170.597	1.0000
315	127500	84747	42753	33.532	1.0000
316	18000	49225.56	-31225.56	173.475	1.0000
317	7000	59735.03	-52735.03	753.358	1.0000
318	66000	108710.5	-42710.52	64.713	1.0000
319	43000	41716.18	1283.821	2.986	1.0000
320	7500	59503.32	-52003.32	693.378	1.0000
323	85000	91699.21	-6699.213	7.881	1.0000
324	19000	71096.48	-52096.47	274.192	1.0000
325	25000	94717.5	-69717.5	278.870	1.0000
326	160000	109975	50025.03	31.266	1.0000
327	70000	106586	-36585.98	52.266	1.0000
328	48000	127232	-79231.98	165.067	0.9206
329	6750	46243.24	-39493.24	585.085	1.0000
330	86000	85426.28	573.7166	0.667	1.0000
331	47000	85417.76	-38417.75	81.740	1.0000
332	32000	69566.87	-37566.87	117.396	1.0000
333	54500	120424.5	-65924.48	120.962	1.0000
334	25000	61521.17	-36521.17	146.085	1.0000
335	20000	70658.3	-50658.3	253.292	1.0000
336	59000	73497.71	-14497.71	24.572	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
337	9000	60307.04	-51307.04	570.078	1.0000
338	23000	116035.1	-93035.1	404.500	0.7840
339	52000	106958.6	-54958.57	105.690	1.0000
341	20000	113803.4	-93803.37	469.017	0.7776
342	42000	124944.1	-82944.11	197.486	0.8794
343	10000	88152.61	-78152.61	781.526	0.9333
344	26000	70639.34	-44639.35	171.690	1.0000
346	15000	82085.3	-67085.3	447.235	1.0000
347	18000	102177.6	-84177.59	467.653	0.8665
348	42000	92703.18	-50703.18	120.722	1.0000
349	87000	101031.2	-14031.16	16.128	1.0000
350	160000	140160.4	19839.57	12.400	1.0000
351	55000	150643.9	-95643.92	173.898	0.7626
352	125000	171292.2	-46292.22	37.034	1.0000
353	114000	113733.9	266.1134	0.233	1.0000
354	250000	181060.6	68939.41	27.576	1.0000
355	28000	107482.8	-79482.78	283.867	0.9177
356	67000	63667.23	3332.768	4.974	1.0000
357	10000	128847	-118847	1188.470	0.6137
358	110000	141146.2	-31146.17	28.315	1.0000
359	30000	68913.43	-38913.43	129.711	1.0000
360	10000	116298.2	-106298.2	1062.982	0.6862
361	22000	110024.9	-88024.91	400.113	0.8286
362	21000	40639.86	-19639.86	93.523	1.0000
363	77000	78912.25	-1912.253	2.483	1.0000
364	35000	53704.64	-18704.64	53.442	1.0000
365	50000	69500.16	-19500.16	39.000	1.0000
366	35000	42064.55	-7064.546	20.184	1.0000
367	33000	111784.5	-78784.52	238.741	0.9258
368	105000	107098.7	-2098.724	1.999	1.0000
369	84000	124885.9	-40885.86	48.674	1.0000
370	165500	59499.92	106000.1	64.048	0.6881
371	33000	71017.55	-38017.55	115.205	1.0000
372	50000	34978.14	15021.86	30.044	1.0000
373	93000	89414.01	3585.994	3.856	1.0000
374	33000	81022.67	-48022.67	145.523	1.0000
375	72000	78629.76	-6629.756	9.208	1.0000
377	35000	73843.23	-38843.22	110.981	1.0000
378	44500	75417.8	-30917.79	69.478	1.0000
379	50000	92671.7	-42671.7	85.343	1.0000
380	14000	46160.74	-32160.74	229.720	1.0000
381	45000	101228.7	-56228.74	124.953	1.0000
382	25000	64812.19	-39812.19	159.249	1.0000
383	77000	89296.42	-12296.42	15.969	1.0000
384	71000	75946.71	-4946.712	6.967	1.0000
386	180000	111892.4	68107.65	37.838	1.0000
387	66500	137460.8	-70960.79	106.708	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
388	250000	174225.4	75774.56	30.310	0.9626
389	33000	155276.8	-122276.8	370.536	0.5965
390	135000	127895.8	7104.177	5.262	1.0000
392	25000	91938.6	-66938.6	267.754	1.0000
393	85000	108746.2	-23746.16	27.937	1.0000
394	45000	135240.2	-90240.15	200.534	0.8083
396	30000	66223.27	-36223.27	120.744	1.0000
397	17500	76738.7	-59238.7	338.507	1.0000
398	10000	56536.42	-46536.42	465.364	1.0000
399	68000	60597.83	7402.167	10.886	1.0000
400	74000	85584.67	-11584.67	15.655	1.0000
402	20000	64725.45	-44725.45	223.627	1.0000
404	180000	39999.04	140001	77.778	0.5210
405	110000	60637.6	49362.4	44.875	1.0000
406	82000	74063.57	7936.428	9.679	1.0000
407	100000	55667.46	44332.54	44.333	1.0000
408	142000	59028.78	82971.22	58.430	0.8791
409	46000	55561.59	-9561.589	20.786	1.0000
410	83000	56654.83	26345.17	31.741	1.0000
411	11300	40795.43	-29495.42	261.021	1.0000
412	56000	54161.01	1838.989	3.284	1.0000
414	62000	83885.77	-21885.77	35.300	1.0000
415	100000	127168.1	-27168.15	27.168	1.0000
416	89000	117711	-28710.98	32.260	1.0000
417	43500	44989.27	-1489.266	3.424	1.0000
418	121000	124939.3	-3939.277	3.256	1.0000
419	170000	94759.55	75240.45	44.259	0.9694
421	150000	86482.48	63517.51	42.345	1.0000
422	32000	72222.28	-40222.28	125.695	1.0000
423	98000	117383	-19383.02	19.779	1.0000
424	66000	54839.36	11160.64	16.910	1.0000
425	90000	58403.59	31596.41	35.107	1.0000
426	62000	57925.15	4074.852	6.572	1.0000
427	50000	66248.85	-16248.85	32.498	1.0000
428	12662	57734.3	-45072.3	355.965	1.0000
429	66000	65723.64	276.3601	0.419	1.0000
430	98000	65645.09	32354.92	33.015	1.0000
431	145000	96849.8	48150.2	33.207	1.0000
434	30000	48652.79	-18652.79	62.176	1.0000
435	130000	62262.82	67737.18	52.106	1.0000
436	150000	71418.55	78581.45	52.388	0.9282
437	65000	126148.1	-61148.1	94.074	1.0000
439	65000	94684.98	-29684.98	45.669	1.0000
440	24000	81215.34	-57215.34	238.397	1.0000
441	56000	39500.09	16499.91	29.464	1.0000
442	65000	28515.45	36484.55	56.130	1.0000
444	57000	29762.86	27237.14	47.784	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
445	58000	76015.53	-18015.53	31.061	1.0000
446	76000	44095.54	31904.46	41.980	1.0000
447	110000	85818.7	24181.3	21.983	1.0000
448	49000	70012.13	-21012.13	42.882	1.0000
449	67500	54974.59	12525.41	18.556	1.0000
450	145000	108598.7	36401.32	25.104	1.0000
451	90000	61656.68	28343.32	31.493	1.0000
452	109500	141240.8	-31740.8	28.987	1.0000
453	160000	40056.39	119943.6	74.965	0.6081
454	78000	107906.1	-29906.09	38.341	1.0000
455	65000	44998.22	20001.78	30.772	1.0000
456	30000	70723.39	-40723.39	135.745	1.0000
457	92000	114389.8	-22389.84	24.337	1.0000
458	170000	126701.7	43298.26	25.470	1.0000
459	145000	88478.98	56521.02	38.980	1.0000
460	73000	57973.16	15026.84	20.585	1.0000
462	80000	99710.27	-19710.27	24.638	1.0000
463	35000	74251.55	-39251.55	112.147	1.0000
464	132000	67085.68	64914.32	49.178	1.0000
465	120000	71162.59	48837.41	40.698	1.0000
466	22000	55405.28	-33405.28	151.842	1.0000
467	60000	79580.58	-19580.58	32.634	1.0000
468	52500	67929.38	-15429.37	29.389	1.0000
469	154000	120545.3	33454.75	21.724	1.0000
470	118000	106813.5	11186.47	9.480	1.0000
471	80500	93704.58	-13204.58	16.403	1.0000
472	90000	145055.5	-55055.51	61.173	1.0000
473	190000	142399.2	47600.84	25.053	1.0000
474	60000	94036.34	-34036.34	56.727	1.0000
475	67000	110208.2	-43208.21	64.490	1.0000
476	58000	134235	-76234.95	131.440	0.9568
477	85000	81461.71	3538.291	4.163	1.0000
478	110000	93948.53	16051.47	14.592	1.0000
479	116000	97269.71	18730.29	16.147	1.0000
480	223000	135448.6	87551.38	39.261	0.8331
481	130000	110123.6	19876.45	15.290	1.0000
482	375000	196460.2	178539.8	47.611	0.4085
483	61360	157440.1	-96080.1	156.584	0.7592
484	6325	146113.8	-139788.8	2210.099	0.5218
485	56500	146113.8	-89613.78	158.608	0.8139
486	7000	134945.4	-127945.4	1827.791	0.5701
487	90000	59136.7	30863.3	34.293	1.0000
489	128000	88321.61	39678.39	30.999	1.0000
490	25000	56500.78	-31500.78	126.003	1.0000
491	127000	122858.5	4141.531	3.261	1.0000
492	22500	90002.58	-67502.58	300.011	1.0000
493	125000	68600.72	56399.28	45.119	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
494	195000	148813	46186.96	23.686	1.0000
495	272000	147437.9	124562.1	45.795	0.5856
496	11138	40808.71	-29670.71	266.392	1.0000
497	40000	100902.2	-60902.2	152.256	1.0000
498	51500	88951.64	-37451.64	72.722	1.0000
499	52000	82875.94	-30875.94	59.377	1.0000
500	98000	83526.93	14473.07	14.768	1.0000
501	40000	86888.93	-46888.93	117.222	1.0000
502	70000	112145.6	-42145.57	60.208	1.0000
503	98000	104306	-6305.953	6.435	1.0000
504	85000	108905.1	-23905.09	28.124	1.0000
505	107500	75394.92	32105.07	29.865	1.0000
506	50000	65540.18	-15540.18	31.080	1.0000
507	60000	110588.8	-50588.79	84.315	1.0000
508	78000	80186.87	-2186.867	2.804	1.0000
509	97500	156427.6	-58927.61	60.439	1.0000
510	85000	87537.8	-2537.801	2.986	1.0000
511	88000	115335.5	-27335.52	31.063	1.0000
512	61000	116472.4	-55472.43	90.938	1.0000
513	52000	87239.23	-35239.23	67.768	1.0000
514	65000	104498.2	-39498.23	60.767	1.0000
515	56000	85805.31	-29805.31	53.224	1.0000
516	47000	88986.04	-41986.04	89.332	1.0000
517	30500	84890.44	-54390.43	178.329	1.0000
519	79900	97230.2	-17330.2	21.690	1.0000
520	70000	110551.3	-40551.34	57.930	1.0000
521	187500	162304	25196.01	13.438	1.0000
522	75000	98317.36	-23317.36	31.090	1.0000
523	115000	104267.7	10732.26	9.332	1.0000
524	210000	132758.8	77241.17	36.782	0.9443
526	28000	53897.67	-25897.67	92.492	1.0000
527	40000	60754.04	-20754.04	51.885	1.0000
528	95000	97628.29	-2628.288	2.767	1.0000
529	37000	53913.25	-16913.25	45.711	1.0000
530	135000	98761.48	36238.52	26.843	1.0000
531	40000	86666.61	-46666.61	116.667	1.0000
532	7000	82631.09	-75631.09	1080.444	0.9644
533	60000	86571.11	-26571.11	44.285	1.0000
535	160000	130154.4	29845.57	18.653	1.0000
536	120000	57784.93	62215.07	51.846	1.0000
537	44000	60399.32	-16399.32	37.271	1.0000
538	22500	70896.64	-48396.64	215.096	1.0000
539	36500	44165.53	-7665.529	21.001	1.0000
542	48000	84887.25	-36887.25	76.848	1.0000
543	190000	147836.9	42163.13	22.191	1.0000
544	128000	74743.95	53256.05	41.606	1.0000
545	27000	98381.69	-71381.69	264.377	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
547	27000	145530	-118530	439.000	0.6154
549	50000	54727.36	-4727.365	9.455	1.0000
550	70000	96667.2	-26667.2	38.096	1.0000
551	70000	82660.51	-12660.51	18.086	1.0000
552	85000	89425.98	-4425.975	5.207	1.0000
553	34000	48418.66	-14418.66	42.408	1.0000
555	65500	42932.75	22567.25	34.454	1.0000
556	58000	96734.3	-38734.31	66.783	1.0000
557	72000	86810.84	-14810.83	20.571	1.0000
558	57000	101267	-44266.96	77.661	1.0000
559	19000	61494.31	-42494.31	223.654	1.0000
560	65000	61336.2	3663.8	5.637	1.0000
562	63000	124238.1	-61238.12	97.203	1.0000
563	215000	150202.1	64797.88	30.139	1.0000
564	142000	102441.5	39558.52	27.858	1.0000
565	42000	87036.41	-45036.42	107.230	1.0000
566	73500	89238.31	-15738.31	21.413	1.0000
567	60000	92941.76	-32941.76	54.903	1.0000
568	120000	143316.2	-23316.2	19.430	1.0000
569	98000	154467.2	-56467.18	57.620	1.0000
570	90000	77724.23	12275.76	13.640	1.0000
571	72000	105418.3	-33418.31	46.414	1.0000
572	35000	114952.8	-79952.76	228.436	0.9123
573	35000	164527.6	-129527.6	370.079	0.5631
574	250000	174302.1	75697.87	30.279	0.9636
575	269000	174302.1	94697.87	35.204	0.7702
576	75000	95239.2	-20239.21	26.986	1.0000
577	122000	137160.1	-15160.07	12.426	1.0000
578	145000	112289.3	32710.71	22.559	1.0000
579	126000	127245.3	-1245.28	0.988	1.0000
580	135000	160726.8	-25726.8	19.057	1.0000
581	148000	131669.8	16330.24	11.034	1.0000
584	158000	143561.9	14438.11	9.138	1.0000
586	360000	173193.8	186806.2	51.891	0.3905
587	70000	153783.1	-83783.07	119.690	0.8706
588	38000	102489.5	-64489.46	169.709	1.0000
590	35000	76559.68	-41559.68	118.742	1.0000
591	185000	93109.63	91890.37	49.670	0.7938
592	120000	85336.66	34663.34	28.886	1.0000
594	95000	109236.9	-14236.87	14.986	1.0000
595	58000	87447.69	-29447.68	50.772	1.0000
596	72000	134591	-62591.04	86.932	1.0000
597	120000	57070.68	62929.32	52.441	1.0000
598	41000	59085.23	-18085.23	44.110	1.0000
599	55000	83143.05	-28143.05	51.169	1.0000
600	65000	93240.78	-28240.78	43.447	1.0000
601	205000	158918.6	46081.4	22.479	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
602	109000	144852	-35852.01	32.892	1.0000
603	80000	127365	-47364.95	59.206	1.0000
604	62000	118026.2	-56026.23	90.365	1.0000
605	109000	108118.3	881.6567	0.809	1.0000
606	175000	109434.3	65565.73	37.466	1.0000
607	73000	102837.7	-29837.74	40.874	1.0000
608	69000	96923.3	-27923.3	40.469	1.0000
609	79000	70295.23	8704.766	11.019	1.0000
610	23000	61213.42	-38213.42	166.145	1.0000
611	183000	109403	73597.04	40.217	0.9911
612	20000	96171.38	-76171.38	380.857	0.9576
613	68000	83147.32	-15147.32	22.275	1.0000
614	87000	88487.99	-1487.993	1.710	1.0000
615	47000	62986.04	-15986.04	34.013	1.0000
616	30000	55537.69	-25537.69	85.126	1.0000
618	69000	57197.9	11802.1	17.104	1.0000
619	25000	79022.58	-54022.57	216.090	1.0000
620	197000	132924	64076.03	32.526	1.0000
622	162000	81519.91	80480.09	49.679	0.9063
623	30000	65401.3	-35401.3	118.004	1.0000
624	59000	102659.7	-43659.68	73.999	1.0000
625	41200	70013.97	-28813.97	69.937	1.0000
626	62000	65515.95	-3515.948	5.671	1.0000
627	78500	68241.63	10258.37	13.068	1.0000
629	68000	50380.94	17619.06	25.910	1.0000
630	72000	110866.1	-38866.07	53.981	1.0000
631	75000	68679.39	6320.609	8.427	1.0000
632	34000	55758.83	-21758.83	63.997	1.0000
633	95000	72945.59	22054.41	23.215	1.0000
634	20000	77422.7	-57422.7	287.113	1.0000
635	130000	109162.8	20837.2	16.029	1.0000
637	15000	57424.41	-42424.41	282.829	1.0000
638	48000	67493.48	-19493.49	40.611	1.0000
639	72000	75580.83	-3580.827	4.973	1.0000
640	39500	67954.84	-28454.83	72.038	1.0000
641	58000	72851.05	-14851.05	25.605	1.0000
642	7024	57488.68	-50464.68	718.461	1.0000
643	72000	122563.2	-50563.24	70.227	1.0000
645	27500	59031.1	-31531.1	114.659	1.0000
646	52500	93685.79	-41185.79	78.449	1.0000
647	30000	49803.64	-19803.64	66.012	1.0000
648	72000	74883.63	-2883.632	4.005	1.0000
649	45000	103444.7	-58444.72	129.877	1.0000
650	20000	89209.06	-69209.06	346.045	1.0000
651	51000	96714.73	-45714.73	89.637	1.0000
652	39000	92564.61	-53564.61	137.345	1.0000
654	20000	100015.7	-80015.68	400.078	0.9116

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
655	32000	81463.53	-49463.53	154.574	1.0000
656	80000	84941.47	-4941.47	6.177	1.0000
657	125000	68562.37	56437.63	45.150	1.0000
658	137000	104398.2	32601.78	23.797	1.0000
659	57000	45021.41	11978.58	21.015	1.0000
662	25000	168250.2	-143250.2	573.001	0.5092
663	62500	72409.05	-9909.049	15.854	1.0000
664	120000	91811	28189	23.491	1.0000
665	42500	70374.19	-27874.19	65.586	1.0000
666	40000	73208.31	-33208.31	83.021	1.0000
667	70000	90995.45	-20995.45	29.993	1.0000
669	55000	79111.24	-24111.24	43.839	1.0000
670	78000	81536.7	-3536.702	4.534	1.0000
671	32000	79789.58	-47789.57	149.342	1.0000
672	67000	91317.52	-24317.52	36.295	1.0000
673	95000	91317.52	3682.479	3.876	1.0000
674	50000	89167.53	-39167.53	78.335	1.0000
675	35000	91296.61	-56296.61	160.847	1.0000
676	130000	165818.8	-35818.8	27.553	1.0000
677	38500	84122.57	-45622.57	118.500	1.0000
678	125000	105844.2	19155.77	15.325	1.0000
679	55000	136362.5	-81362.49	147.932	0.8965
680	58000	96854.88	-38854.88	66.991	1.0000
681	70000	82136.23	-12136.23	17.337	1.0000
682	38000	83228.95	-45228.95	119.024	1.0000
684	5000	46844.98	-41844.98	836.900	1.0000
685	70000	78704.41	-8704.406	12.435	1.0000
686	52000	102820	-50819.98	97.731	1.0000
688	80000	80793.47	-793.468	0.992	1.0000
689	72000	98287.09	-26287.09	36.510	1.0000
690	72500	85889.77	-13389.76	18.469	1.0000
691	79000	105290.9	-26290.95	33.280	1.0000
692	85000	87184.27	-2184.273	2.570	1.0000
693	22500	92864.27	-70364.27	312.730	1.0000
694	7000	38479.95	-31479.95	449.714	1.0000
696	10000	77475.84	-67475.84	674.758	1.0000
698	48000	89816.17	-41816.17	87.117	1.0000
699	133500	100910.9	32589.14	24.411	1.0000
700	83000	86910.26	-3910.256	4.711	1.0000
701	17900	60472.92	-42572.92	237.838	1.0000
702	69000	78689.13	-9689.132	14.042	1.0000
703	95000	77194.08	17805.92	18.743	1.0000
704	35000	96615.09	-61615.09	176.043	1.0000
705	53500	83402.39	-29902.39	55.892	1.0000
706	48950	57807.91	-8857.909	18.096	1.0000
707	14000	78738.81	-64738.81	462.420	1.0000
708	92000	113357.1	-21357.12	23.214	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
709	65000	78875.23	-13875.23	21.347	1.0000
711	237000	93655.98	143344	60.483	0.5088
712	72000	159325.7	-87325.71	121.286	0.8353
713	69500	77169.27	-7669.277	11.035	1.0000
714	76000	91169.88	-15169.88	19.960	1.0000
715	56000	73092.66	-17092.66	30.523	1.0000
716	63000	87844.86	-24844.86	39.436	1.0000
717	75000	60920.08	14079.92	18.773	1.0000
718	85000	134445.8	-49445.79	58.172	1.0000
719	110000	134445.8	-24445.79	22.223	1.0000
720	82000	114442.4	-32442.37	39.564	1.0000
721	63000	82654.63	-19654.63	31.198	1.0000
722	220000	96796.27	123203.7	56.002	0.5920
723	45000	98109.35	-53109.35	118.021	1.0000
724	125000	98155.3	26844.69	21.476	1.0000
725	80000	104941.9	-24941.86	31.177	1.0000
726	68000	95174.75	-27174.75	39.963	1.0000
727	69500	108847.6	-39347.65	56.615	1.0000
729	100000	85908.73	14091.27	14.091	1.0000
730	125000	74142.54	50857.46	40.686	1.0000
731	65000	72983.77	-7983.777	12.283	1.0000
733	168000	91153.67	76846.33	45.742	0.9492
734	77500	92236.07	-14736.07	19.014	1.0000
735	30000	102971.5	-72971.48	243.238	0.9996
736	130000	79217.23	50782.77	39.064	1.0000
738	93000	148467.1	-55467.14	59.642	1.0000
739	70000	134561.7	-64561.72	92.231	1.0000
740	42000	98316.01	-56316.01	134.086	1.0000
742	135000	117070.7	17929.26	13.281	1.0000
743	228000	156423.4	71576.61	31.393	1.0000
744	225000	158968.5	66031.51	29.347	1.0000
745	48000	81347.91	-33347.91	69.475	1.0000
746	59500	89133.13	-29633.13	49.804	1.0000
747	39000	85861.68	-46861.68	120.158	1.0000
749	60000	114176.2	-54176.23	90.294	1.0000
750	5000	116821.5	-111821.5	2236.431	0.6523
751	149500	79925.99	69574.01	46.538	1.0000
752	68000	97354.09	-29354.09	43.168	1.0000
753	87500	46218.61	41281.39	47.179	1.0000
754	25500	82510.59	-57010.59	223.571	1.0000
755	35000	66579.23	-31579.24	90.226	1.0000
756	15000	100298.4	-85298.41	568.656	0.8551
757	26000	87661.83	-61661.82	237.161	1.0000
758	38800	115915.9	-77115.88	198.752	0.9459
759	128000	90690.21	37309.79	29.148	1.0000
760	135000	85222.92	49777.08	36.872	1.0000
761	75000	47790.91	27209.09	36.279	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
762	7200	76795.53	-69595.53	966.605	1.0000
763	3500	128025.7	-124525.7	3557.878	0.5857
764	60000	67203.27	-7203.264	12.005	1.0000
765	55000	93702.54	-38702.54	70.368	1.0000
766	61500	61990.21	-490.2088	0.797	1.0000
767	58500	82699.93	-24199.93	41.367	1.0000
768	65000	72963.54	-7963.541	12.252	1.0000
769	56000	77874.7	-21874.71	39.062	1.0000
770	120000	101315	18685.04	15.571	1.0000
771	45000	77564.94	-32564.94	72.367	1.0000
772	68000	108692.2	-40692.16	59.841	1.0000
773	115000	137816.8	-22816.85	19.841	1.0000
775	45000	77012.18	-32012.18	71.138	1.0000
776	82000	85449.47	-3449.472	4.207	1.0000
777	63750	84089.56	-20339.56	31.905	1.0000
779	85000	71945.12	13054.88	15.359	1.0000
780	95000	39206.43	55793.57	58.730	1.0000
781	170000	102089	67910.98	39.948	1.0000
782	123000	128947.6	-5947.614	4.835	1.0000
783	60000	59273.97	726.0319	1.210	1.0000
784	85000	96377.39	-11377.39	13.385	1.0000
785	67000	55413.77	11586.23	17.293	1.0000
786	30000	48026.29	-18026.29	60.088	1.0000
787	78000	75172.55	2827.446	3.625	1.0000
788	55000	54319.4	680.6002	1.237	1.0000
790	80000	85593.41	-5593.416	6.992	1.0000
791	25000	66866.73	-41866.73	167.467	1.0000
792	56000	65134.78	-9134.782	16.312	1.0000
793	52500	78679.32	-26179.32	49.865	1.0000
795	200000	125963	74037.01	37.019	0.9852
796	30000	72216.27	-42216.27	140.721	1.0000
797	16000	37262.4	-21262.4	132.890	1.0000
798	65000	79903.79	-14903.79	22.929	1.0000
799	46000	101584.9	-55584.92	120.837	1.0000
800	187000	124072.7	62927.3	33.651	1.0000
801	52000	121027.4	-69027.41	132.745	1.0000
803	69000	57774.68	11225.32	16.269	1.0000
805	117500	69936.2	47563.8	40.480	1.0000
806	40000	84758.61	-44758.61	111.897	1.0000
807	107500	49761.37	57738.63	53.710	1.0000
809	7271	94080.45	-86809.45	1193.914	0.8402
810	178000	70167.41	107832.6	60.580	0.6764
811	80000	64348.5	15651.5	19.564	1.0000
812	35000	31792.12	3207.883	9.165	1.0000
813	46000	45551.91	448.0956	0.974	1.0000
814	37000	32108.18	4891.817	13.221	1.0000
816	35000	58640.76	-23640.76	67.545	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
817	30000	100393.9	-70393.89	234.646	1.0000
818	15000	77550.88	-62550.88	417.006	1.0000
819	50000	108694.7	-58694.68	117.389	1.0000
820	97500	108857.5	-11357.46	11.649	1.0000
821	125000	129488.8	-4488.806	3.591	1.0000
822	47000	70562.55	-23562.55	50.133	1.0000
823	66500	70779.67	-4279.674	6.436	1.0000
824	58000	98985.22	-40985.22	70.664	1.0000
825	80000	74292.45	5707.551	7.134	1.0000
826	39000	64494.19	-25494.19	65.370	1.0000
828	119000	70936.82	48063.18	40.389	1.0000
829	42000	63656.93	-21656.94	51.564	1.0000
830	77000	49656.34	27343.66	35.511	1.0000
831	64000	84864.73	-20864.72	32.601	1.0000
832	120000	90824.13	29175.88	24.313	1.0000
833	37000	77858.54	-40858.54	110.428	1.0000
834	52500	49469.84	3030.155	5.772	1.0000
835	100000	109822.8	-9822.82	9.823	1.0000
836	55000	87599.47	-32599.47	59.272	1.0000
837	69500	80074.5	-10574.5	15.215	1.0000
838	40000	65097.29	-25097.29	62.743	1.0000
839	20000	25481.35	-5481.351	27.407	1.0000
840	46000	37046.36	8953.646	19.464	1.0000
841	67000	97641.13	-30641.13	45.733	1.0000
842	50000	71848.27	-21848.27	43.697	1.0000
843	86000	59915.52	26084.49	30.331	1.0000
844	43500	39341.02	4158.976	9.561	1.0000
845	98000	74670.55	23329.45	23.806	1.0000
846	32000	58392.2	-26392.21	82.476	1.0000
847	55000	55792.73	-792.7325	1.441	1.0000
848	85000	80626.24	4373.759	5.146	1.0000
849	91000	58540.34	32459.66	35.670	1.0000
850	30000	57281.61	-27281.61	90.939	1.0000
851	64000	68351.43	-4351.431	6.799	1.0000
852	33000	63451.03	-30451.03	92.276	1.0000
853	50000	62719.42	-12719.42	25.439	1.0000
854	73000	108482	-35481.98	48.605	1.0000
855	160000	95951.99	64048.01	40.030	1.0000
856	40000	94336.64	-54336.64	135.842	1.0000
857	77000	114351.7	-37351.71	48.509	1.0000
858	150000	123782.5	26217.46	17.478	1.0000
859	56500	96809.43	-40309.43	71.344	1.0000
860	56000	67789.81	-11789.81	21.053	1.0000
861	85000	111709.1	-26709.05	31.422	1.0000
862	32000	99653.2	-67653.2	211.416	1.0000
863	58500	99653.2	-41153.2	70.347	1.0000
864	69900	94367.33	-24467.33	35.003	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
865	7500	116383.6	-108883.6	1451.782	0.6699
867	8100	100596.5	-92496.52	1141.932	0.7886
868	48000	122213.8	-74213.79	154.612	0.9828
869	74500	125260.7	-50760.66	68.135	1.0000
870	54000	97359.68	-43359.68	80.296	1.0000
871	160000	87408.24	72591.76	45.370	1.0000
872	55000	77357.95	-22357.96	40.651	1.0000
873	91350	69155.69	22194.31	24.296	1.0000
875	75000	108140.9	-33140.91	44.188	1.0000
876	75000	89535.77	-14535.77	19.381	1.0000
877	15000	74082.25	-59082.25	393.882	1.0000
878	180000	114438.2	65561.8	36.423	1.0000
879	19000	102504.7	-83504.73	439.499	0.8735
881	15000	41570.23	-26570.23	177.135	1.0000
882	135000	59194.68	75805.32	56.152	0.9622
883	230000	130640.5	99359.53	43.200	0.7341
884	89000	157222.8	-68222.76	76.655	1.0000
885	92000	132697.1	-40697.15	44.236	1.0000
886	117500	115602.7	1897.28	1.615	1.0000
887	205000	87203.87	117796.1	57.462	0.6192
888	55000	123934.2	-68934.19	125.335	1.0000
889	54000	87354.01	-33354.01	61.767	1.0000
890	150000	37351.23	112648.8	75.099	0.6475
893	50000	73931.21	-23931.21	47.862	1.0000
894	125000	128966.3	-3966.257	3.173	1.0000
895	9000	59090.69	-50090.69	556.563	1.0000
896	45000	87843.88	-42843.88	95.209	1.0000
897	35000	50393.16	-15393.16	43.980	1.0000
898	50000	75943.08	-25943.08	51.886	1.0000
899	45000	52710.73	-7710.728	17.135	1.0000
900	40000	108577.5	-68577.53	171.444	1.0000
901	42000	73790.94	-31790.94	75.693	1.0000
902	22000	70448.48	-48448.47	220.220	1.0000
903	160000	120953.8	39046.24	24.404	1.0000
904	62000	79327.33	-17327.33	27.947	1.0000
905	47500	56542.63	-9042.634	19.037	1.0000
906	85000	92187.59	-7187.583	8.456	1.0000
907	72500	107030.7	-34530.74	47.629	1.0000
908	33000	73234.66	-40234.66	121.923	1.0000
909	112500	128334.8	-15834.79	14.075	1.0000
910	140000	116770.8	23229.22	16.592	1.0000
911	113000	94452.27	18547.72	16.414	1.0000
912	210000	117365.8	92634.17	44.112	0.7874
913	49500	91323.21	-41823.21	84.491	1.0000
914	60000	124944.1	-64944.11	108.240	1.0000
915	10000	133556.2	-123556.2	1235.562	0.5903
916	70000	90529.59	-20529.59	29.328	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
917	100000	98154.17	1845.83	1.846	1.0000
918	63750	70843.45	-7093.451	11.127	1.0000
919	67000	67276.97	-276.9668	0.413	1.0000
920	95000	99325.22	-4325.217	4.553	1.0000
921	145000	100763.8	44236.2	30.508	1.0000
922	52000	67696.53	-15696.53	30.186	1.0000
923	100000	88767.77	11232.22	11.232	1.0000
924	115000	93647.14	21352.86	18.568	1.0000
925	272000	142518.7	129481.3	47.603	0.5633
926	82000	100038.7	-18038.66	21.998	1.0000
927	46500	109631	-63130.99	135.766	1.0000
928	62000	117292.7	-55292.72	89.182	1.0000
929	186000	151778	34222.04	18.399	1.0000
930	270000	112581.8	157418.2	58.303	0.4634
931	20000	85047.49	-65047.49	325.237	1.0000
932	70000	110958.9	-40958.89	58.513	1.0000
933	92500	93882.57	-1382.567	1.495	1.0000
934	340000	129671.9	210328.1	61.861	0.3468
935	185000	97059.31	87940.69	47.536	0.8294
936	270000	163789	106211	39.337	0.6868
937	95000	96314.95	-1314.956	1.384	1.0000
938	30000	68622.95	-38622.95	128.743	1.0000
939	60000	84921.86	-24921.86	41.536	1.0000
940	70000	109752.4	-39752.4	56.789	1.0000
941	80000	132921.4	-52921.43	66.152	1.0000
943	85000	72752.88	12247.12	14.408	1.0000
944	190000	26283.81	163716.2	86.166	0.4455
945	140000	103644.1	36355.89	25.968	1.0000
946	62000	62193.17	-193.1708	0.312	1.0000
947	80000	83326	-3325.999	4.157	1.0000
948	102000	77482.18	24517.82	24.037	1.0000
950	82000	86842.15	-4842.149	5.905	1.0000
951	56000	81336.23	-25336.24	45.243	1.0000
952	67000	95336.84	-28336.84	42.294	1.0000
953	67000	74560.38	-7560.383	11.284	1.0000
954	160000	78629.76	81370.24	50.856	0.8964
955	65000	87720.45	-22720.46	34.955	1.0000
956	120000	107915.5	12084.46	10.070	1.0000
957	90000	89893.91	106.0892	0.118	1.0000
958	78000	75292.52	2707.477	3.471	1.0000
959	22000	57386.35	-35386.35	160.847	1.0000
960	130000	119824	10175.99	7.828	1.0000
961	75000	91598.44	-16598.44	22.131	1.0000
962	40000	135071.4	-95071.41	237.679	0.7672
963	62500	74893.84	-12393.85	19.830	1.0000
964	85000	122512	-37511.96	44.132	1.0000
965	24000	62975.63	-38975.63	162.398	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
966	85000	107836.1	-22836.08	26.866	1.0000
967	55000	97957.22	-42957.22	78.104	1.0000
968	80000	87305.42	-7305.425	9.132	1.0000
969	39000	37326.82	1673.178	4.290	1.0000
970	20000	60381.07	-40381.07	201.905	1.0000
971	32500	109956	-77455.95	238.326	0.9417
972	64000	58413.93	5586.073	8.728	1.0000
973	30000	109992	-79991.96	266.640	0.9118
974	78500	102361.5	-23861.46	30.397	1.0000
975	115000	135232.8	-20232.74	17.594	1.0000
976	55120	96860.62	-41740.62	75.727	1.0000
978	62000	59816.73	2183.267	3.521	1.0000
979	150000	107910.2	42089.83	28.060	1.0000
980	210000	150929.4	59070.57	28.129	1.0000
981	375000	162105.1	212894.9	56.772	0.3426
982	92500	119702.6	-27202.57	29.408	1.0000
983	193500	120505.6	72994.41	37.723	0.9993
984	22500	94750.73	-72250.73	321.114	1.0000
985	4000	108043.9	-104043.9	2601.099	0.7011
986	148000	94805.48	53194.52	35.942	1.0000
987	25000	196166.8	-171166.8	684.667	0.4261
988	200000	113691.6	86308.41	43.154	0.8451
989	10000	55176.52	-45176.52	451.765	1.0000
990	28265	130294.7	-102029.7	360.975	0.7149
992	85000	118231	-33230.98	39.095	1.0000
993	70000	110896.8	-40896.76	58.424	1.0000
994	85000	114104	-29103.98	34.240	1.0000
995	118000	114104	3896.024	3.302	1.0000
996	75000	132652.8	-57652.82	76.870	1.0000
997	235000	117010.5	117989.5	50.208	0.6182
998	95000	144757.8	-49757.75	52.377	1.0000
999	36000	66223.27	-30223.27	83.954	1.0000
1000	39000	87540.68	-48540.68	124.463	1.0000
1001	52000	92200.09	-40200.09	77.308	1.0000
1002	73000	92963.07	-19963.07	27.347	1.0000
1003	107500	92110.7	15389.31	14.316	1.0000
1004	216000	154731.9	61268.08	28.365	1.0000
1005	20000	50377.57	-30377.58	151.888	1.0000
1006	25000	51857.7	-26857.7	107.431	1.0000
1007	8000	94273.96	-86273.96	1078.425	0.8454
1008	92000	110241.9	-18241.89	19.828	1.0000
1009	110000	84784.78	25215.22	22.923	1.0000
1010	27500	114021.3	-86521.28	314.623	0.8430
1011	56000	58141.25	-2141.253	3.824	1.0000
1012	55000	74493.01	-19493.01	35.442	1.0000
1013	210000	94155.9	115844.1	55.164	0.6296
1014	250000	138727.2	111272.8	44.509	0.6555

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1015	265000	121885.7	143114.3	54.005	0.5097
1017	85000	55942.71	29057.29	34.185	1.0000
1018	175000	81439.35	93560.65	53.463	0.7796
1019	100000	51559.64	48440.36	48.440	1.0000
1020	95000	102795.6	-7795.622	8.206	1.0000
1022	125000	103289.1	21710.9	17.369	1.0000
1024	250000	139088.7	110911.3	44.365	0.6576
1025	90000	41890.47	48109.53	53.455	1.0000
1026	90000	43955.24	46044.76	51.161	1.0000
1027	325000	100901.1	224098.9	68.954	0.3255
1028	270000	79756.99	190243	70.460	0.3834
1029	150000	129162.1	20837.89	13.892	1.0000
1030	100000	48477.25	51522.75	51.523	1.0000
1031	110000	112762.9	-2762.883	2.512	1.0000
1032	330000	152438.2	177561.8	53.807	0.4108
1033	45000	92405.83	-47405.82	105.346	1.0000
1035	145000	81626.82	63373.18	43.706	1.0000
1036	130000	90881.28	39118.72	30.091	1.0000
1037	90000	86355.4	3644.604	4.050	1.0000
1039	75000	55190.68	19809.32	26.412	1.0000
1040	85000	92539.24	-7539.241	8.870	1.0000
1041	160000	91605.52	68394.48	42.747	1.0000
1042	210000	99111.2	110888.8	52.804	0.6578
1044	108000	86173.19	21826.81	20.210	1.0000
1045	45000	105746.9	-60746.86	134.993	1.0000
1046	265000	129215	135785	51.240	0.5372
1047	35000	65348.79	-30348.79	86.711	1.0000
1048	90000	88076.88	1923.121	2.137	1.0000
1049	55000	58807.77	-3807.771	6.923	1.0000
1050	83000	69803.68	13196.32	15.899	1.0000
1051	85000	95258.01	-10258.01	12.068	1.0000
1052	175000	80427.18	94572.82	54.042	0.7713
1054	60000	55458.65	4541.346	7.569	1.0000
1055	85000	64015.77	20984.23	24.687	1.0000
1057	210000	110563.6	99436.41	47.351	0.7335
1058	95000	86078.52	8921.479	9.391	1.0000
1059	310000	137744.7	172255.3	55.566	0.4234
1061	120000	95019.73	24980.27	20.817	1.0000
1062	135000	59629.99	75370.01	55.830	0.9678
1063	85000	102974.9	-17974.89	21.147	1.0000
1064	215000	116784.3	98215.69	45.682	0.7427
1065	225000	139755.6	85244.38	37.886	0.8557
1066	95000	89865.74	5134.258	5.404	1.0000
1067	65000	91637.98	-26637.98	40.982	1.0000
1068	40000	38803.28	1196.722	2.992	1.0000
1069	50000	25870.84	24129.16	48.258	1.0000
1070	85000	45256.12	39743.88	46.758	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1071	145000	73068.87	71931.13	49.608	1.0000
1072	155000	85121.04	69878.96	45.083	1.0000
1073	228000	129697.9	98302.15	43.115	0.7420
1074	180000	112123.1	67876.93	37.709	1.0000
1075	160000	118716.9	41283.06	25.802	1.0000
1076	169000	110272	58727.98	34.750	1.0000
1077	80000	40293.21	39706.79	49.633	1.0000
1078	195000	84317.08	110682.9	56.760	0.6590
1079	180000	129343.6	50656.39	28.142	1.0000
1082	55000	66873.44	-11873.44	21.588	1.0000
1083	75000	55490.27	19509.73	26.013	1.0000
1084	78000	58569.73	19430.27	24.911	1.0000
1085	55000	82069.37	-27069.37	49.217	1.0000
1086	90000	60682.3	29317.7	32.575	1.0000
1087	80000	42641.31	37358.69	46.698	1.0000
1089	95000	83231.46	11768.54	12.388	1.0000
1090	60000	75264.89	-15264.89	25.441	1.0000
1091	163000	103360.6	59639.41	36.589	1.0000
1092	195000	116784.9	78215.08	40.110	0.9326
1093	130000	55322.82	74677.18	57.444	0.9767
1094	190000	129975.5	60024.48	31.592	1.0000
1095	112500	113235.5	-735.5444	0.654	1.0000
1096	97000	81536.7	15463.3	15.942	1.0000
1097	103000	78285.3	24714.7	23.995	1.0000
1098	82000	130933.4	-48933.4	59.675	1.0000
1099	142500	112346.2	30153.84	21.161	1.0000
1100	170000	157510.4	12489.64	7.347	1.0000
1101	252000	152613.9	99386.1	39.439	0.7339
1102	169000	101901	67099.05	39.704	1.0000
1103	145000	115470.5	29529.53	20.365	1.0000
1104	52500	81144.05	-28644.05	54.560	1.0000
1105	25000	119762.2	-94762.16	379.049	0.7697
1106	30000	44546.59	-14546.58	48.489	1.0000
1107	320000	103480	216520	67.662	0.3369
1108	100000	83840.45	16159.55	16.160	1.0000
1109	100000	94003.23	5996.775	5.997	1.0000
1110	130000	83095.12	46904.88	36.081	1.0000
1111	40000	74625.95	-34625.95	86.565	1.0000
1112	100000	60896.4	39103.6	39.104	1.0000
1113	108000	97862.56	10137.43	9.387	1.0000
1114	165000	100306.8	64693.19	39.208	1.0000
1115	95000	109095.5	-14095.54	14.837	1.0000
1116	180000	71127.96	108872	60.484	0.6700
1117	128000	72184.48	55815.52	43.606	1.0000
1118	245000	85908.73	159091.3	64.935	0.4585
1119	80000	72264.87	7735.136	9.669	1.0000
1121	180000	83128.38	96871.63	53.818	0.7530

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1122	76000	83269.89	-7269.891	9.566	1.0000
1123	387500	162740.6	224759.4	58.002	0.3245
1124	155000	56462.67	98537.33	63.572	0.7402
1125	80000	43591.31	36408.69	45.511	1.0000
1126	55000	72213.68	-17213.68	31.298	1.0000
1127	75000	74305.63	694.371	0.926	1.0000
1128	110000	108458.5	1541.484	1.401	1.0000
1129	50000	86974.58	-36974.58	73.949	1.0000
1130	177000	95827.46	81172.54	45.860	0.8986
1131	122000	104191.5	17808.5	14.597	1.0000
1132	102500	85760.7	16739.3	16.331	1.0000
1133	89000	87057.66	1942.338	2.182	1.0000
1134	35000	113568.2	-78568.2	224.481	0.9284
1135	135000	140965.4	-5965.359	4.419	1.0000
1136	50000	60817.46	-10817.46	21.635	1.0000
1137	100000	93458.44	6541.56	6.542	1.0000
1138	370000	103020.1	266979.8	72.157	0.2732
1139	280000	100854.9	179145.1	63.980	0.4072
1140	330000	47800.59	282199.4	85.515	0.2585
1141	70000	31624.09	38375.91	54.823	1.0000
1142	68000	60074.64	7925.363	11.655	1.0000
1143	25000	70691.91	-45691.91	182.768	1.0000
1144	96000	89819.13	6180.864	6.438	1.0000
1145	150000	74218.33	75781.67	50.521	0.9625
1146	180000	119409.6	60590.39	33.661	1.0000
1147	230000	120762.8	109237.2	47.494	0.6677
1148	525000	102128.5	422871.5	80.547	0.1725
1150	35000	35720.44	-720.4373	2.058	1.0000
1151	70000	64842.98	5157.015	7.367	1.0000
1152	280000	123275.5	156724.5	55.973	0.4654
1153	170000	76464.24	93535.76	55.021	0.7798
1154	30000	93592.45	-63592.45	211.975	1.0000
1155	50000	69641.91	-19641.9	39.284	1.0000
1156	110000	118207.1	-8207.114	7.461	1.0000
1157	86000	107245.1	-21245.13	24.704	1.0000
1158	130000	130997.9	-997.9363	0.768	1.0000
1159	130000	97353.34	32646.66	25.113	1.0000
1160	68000	55410.94	12589.06	18.513	1.0000
1161	65000	52381.21	12618.79	19.414	1.0000
1162	260000	137685.5	122314.5	47.044	0.5963
1163	70000	92549.2	-22549.21	32.213	1.0000
1165	37000	82645.58	-45645.57	123.366	1.0000
1166	60000	43073.51	16926.49	28.211	1.0000
1168	130000	64802.61	65197.39	50.152	1.0000
1169	130000	117363.8	12636.22	9.720	1.0000
1170	127000	81401.96	45598.04	35.904	1.0000
1171	90000	85695.91	4304.095	4.782	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1172	410000	131351.8	278648.2	67.963	0.2618
1173	105000	107244.2	-2244.204	2.137	1.0000
1174	56000	105806	-49805.98	88.939	1.0000
1175	185000	119427.8	65572.17	35.444	1.0000
1176	160000	95405.6	64594.4	40.371	1.0000
1177	80000	117247.9	-37247.88	46.560	1.0000
1178	110000	69895.09	40104.9	36.459	1.0000
1179	55000	111932.8	-56932.78	103.514	1.0000
1180	65500	84902.48	-19402.49	29.622	1.0000
1181	235000	94499.11	140500.9	59.788	0.5191
1182	149000	63418.4	85581.59	57.437	0.8523
1183	155000	108684	46315.96	29.881	1.0000
1184	200000	109254.8	90745.2	45.373	0.8038
1185	310000	155287	154713	49.907	0.4715
1186	165000	99828.65	65171.35	39.498	1.0000
1187	145000	88342.43	56657.57	39.074	1.0000
1188	150000	110325.6	39674.39	26.450	1.0000
1189	100000	65997.91	34002.09	34.002	1.0000
1190	55000	35146.5	19853.5	36.097	1.0000
1191	34000	74244.08	-40244.08	118.365	1.0000
1192	40000	73437.56	-33437.56	83.594	1.0000
1193	70500	146327.8	-75827.82	107.557	0.9619
1194	80000	76138.05	3861.952	4.827	1.0000
1195	173000	75774.85	97225.15	56.200	0.7502
1196	58000	86797.48	-28797.49	49.651	1.0000
1197	365000	107965.9	257034.1	70.420	0.2838
1198	197000	146336.1	50663.91	25.718	1.0000
1199	107000	109744.7	-2744.739	2.565	1.0000
1200	265000	128290.9	136709.1	51.588	0.5335
1202	205000	140633.8	64366.15	31.398	1.0000
1203	95000	105981.5	-10981.45	11.559	1.0000
1204	12500	23954.11	-11454.11	91.633	1.0000
1205	275000	70053.74	204946.3	74.526	0.3559
1206	70000	66137.84	3862.159	5.517	1.0000
1207	29000	66058.56	-37058.56	127.788	1.0000
1210	140000	73471.37	66528.63	47.520	1.0000
1211	330000	118141.4	211858.6	64.200	0.3443
1212	45000	38392.76	6607.236	14.683	1.0000
1213	95000	69857.73	25142.27	26.466	1.0000
1215	65000	97009.45	-32009.44	49.245	1.0000
1216	235000	85905.98	149094	63.444	0.4892
1217	115000	41222.3	73777.7	64.155	0.9886
1218	110000	39422.27	70577.73	64.162	1.0000
1219	230000	106282.7	123717.3	53.790	0.5896
1220	65000	56025.22	8974.777	13.807	1.0000
1221	80000	76015.53	3984.472	4.981	1.0000
1222	65000	59265.75	5734.254	8.822	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1223	140000	83523.09	56476.91	40.341	1.0000
1225	102500	82942.3	19557.71	19.081	1.0000
1226	400000	78462.57	321537.4	80.384	0.2268
1227	155000	115106.9	39893.14	25.738	1.0000
1228	160000	75094.36	84905.64	53.066	0.8591
1229	70000	64419.31	5580.689	7.972	1.0000
1230	20000	47745.13	-27745.13	138.726	1.0000
1231	249000	109291.6	139708.4	56.108	0.5221
1233	257000	105296	151704	59.029	0.4808
1234	180000	102451.4	77548.55	43.083	0.9406
1235	190000	145055.5	44944.49	23.655	1.0000
1236	255000	113486.4	141513.6	55.496	0.5154
1237	100000	80576.24	19423.75	19.424	1.0000
1239	32000	46647.29	-14647.29	45.773	1.0000
1240	210000	164833.9	45166.13	21.508	1.0000
1241	320000	147233	172767	53.990	0.4222
1242	325000	147233	177767	54.698	0.4103
1243	72000	146863.5	-74863.48	103.977	0.9743
1244	100000	131631.5	-31631.46	31.631	1.0000
1245	149995	99481.34	50513.66	33.677	1.0000
1246	165000	115424.9	49575.12	30.046	1.0000
1247	35000	56500.78	-21500.78	61.431	1.0000
1248	78000	74899.83	3100.174	3.975	1.0000
1249	90000	36782.12	53217.88	59.131	1.0000
1250	230000	78430.35	151569.7	65.900	0.4812
1251	89000	86888.93	2111.072	2.372	1.0000
1252	48000	78815.51	-30815.51	64.199	1.0000
1253	90000	61837.05	28162.95	31.292	1.0000
1254	178000	95065.56	82934.44	46.592	0.8795
1255	190000	115580.5	74419.48	39.168	0.9801
1256	53333	81799.42	-28466.42	53.375	1.0000
1257	95000	121488.5	-26488.53	27.883	1.0000
1258	45000	88181.68	-43181.68	95.959	1.0000
1259	65000	90277.84	-25277.84	38.889	1.0000
1260	86000	87899.38	-1899.374	2.209	1.0000
1261	159000	81221.53	77778.47	48.917	0.9378
1262	120000	75884.7	44115.3	36.763	1.0000
1263	19000	68746.45	-49746.45	261.823	1.0000
1264	55000	97230.2	-42230.2	76.782	1.0000
1265	115000	129122.9	-14122.93	12.281	1.0000
1266	235000	71670.31	163329.7	69.502	0.4466
1269	115000	94979.55	20020.45	17.409	1.0000
1270	225000	117928.8	107071.2	47.587	0.6812
1271	255000	100241.3	154758.7	60.690	0.4713
1272	30000	95216.94	-65216.94	217.390	1.0000
1274	125000	82781.98	42218.02	33.774	1.0000
1275	62500	67527.05	-5027.046	8.043	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1276	25000	35935.08	-10935.08	43.740	1.0000
1277	83000	70483.95	12516.06	15.080	1.0000
1278	185000	98795.04	86204.96	46.597	0.8461
1280	105000	45563.41	59436.59	56.606	1.0000
1281	197500	120884.6	76615.44	38.793	0.9520
1282	78000	72112.95	5887.052	7.548	1.0000
1283	100000	77369.03	22630.97	22.631	1.0000
1284	25000	42632.03	-17632.03	70.528	1.0000
1285	40000	39798.51	201.4917	0.504	1.0000
1286	27000	7816.011	19183.99	71.052	1.0000
1287	20000	109110.5	-89110.54	445.553	0.8185
1290	249000	142853.7	106146.3	42.629	0.6872
1291	165000	148351.5	16648.47	10.090	1.0000
1292	310000	125512.5	184487.5	59.512	0.3954
1293	148000	70003.19	77996.81	52.701	0.9352
1294	200000	68947.63	131052.4	65.526	0.5566
1297	90000	79118.78	10881.22	12.090	1.0000
1298	235000	131056.8	103943.2	44.231	0.7017
1299	160000	146849.4	13150.58	8.219	1.0000
1300	208000	130989.3	77010.73	37.024	0.9471
1301	155000	129886	25114.04	16.203	1.0000
1302	173000	136007	36993.04	21.383	1.0000
1303	145000	120395.7	24604.31	16.968	1.0000
1304	95000	84261.03	10738.97	11.304	1.0000
1305	55000	71112.86	-16112.86	29.296	1.0000
1306	105000	103245.1	1754.94	1.671	1.0000
1307	170000	108739.1	61260.87	36.036	1.0000
1308	90000	93223.22	-3223.222	3.581	1.0000
1309	38000	90048.51	-52048.5	136.970	1.0000
1310	60000	118498.4	-58498.45	97.497	1.0000
1311	125000	102345.8	22654.21	18.123	1.0000
1312	95000	87447.69	7552.316	7.950	1.0000
1313	125000	58654.44	66345.56	53.076	1.0000
1314	155000	82310.08	72689.92	46.897	1.0000
1315	120000	164729	-44729	37.274	1.0000
1316	189000	112123.1	76876.93	40.676	0.9488
1317	135000	105201.1	29798.86	22.073	1.0000
1318	215000	123544	91456.05	42.538	0.7975
1319	170000	114253.7	55746.34	32.792	1.0000
1320	160000	119679.7	40320.26	25.200	1.0000
1321	255000	103511.4	151488.6	59.407	0.4815
1322	90000	69529.08	20470.92	22.745	1.0000
1323	55000	96450.92	-41450.92	75.365	1.0000
1324	152500	71213.32	81286.68	53.303	0.8973
1325	245000	146116.9	98883.12	40.360	0.7376
1326	99000	54690.82	44309.18	44.757	1.0000
1327	130000	74669.35	55330.64	42.562	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1328	50000	68016.66	-18016.67	36.033	1.0000
1329	10000	26749.85	-16749.85	167.499	1.0000
1330	79000	65515.95	13484.05	17.068	1.0000
1331	40000	53853.08	-13853.08	34.633	1.0000
1332	22000	110394.1	-88394.09	401.791	0.8252
1333	44000	45479.18	-1479.178	3.362	1.0000
1334	100000	119690.1	-19690.06	19.690	1.0000
1335	130000	87556.45	42443.56	32.649	1.0000
1336	145000	105983.4	39016.64	26.908	1.0000
1338	42000	56559.79	-14559.79	34.666	1.0000
1340	27000	97048.89	-70048.89	259.440	1.0000
1341	235000	163967.9	71032.09	30.226	1.0000
1342	230000	173228.8	56771.23	24.683	1.0000
1343	140000	104854	35145.98	25.104	1.0000
1344	48750	67279.15	-18529.15	38.009	1.0000
1346	85000	82891.48	2108.517	2.481	1.0000
1347	70000	68102.66	1897.339	2.710	1.0000
1350	99000	95620.84	3379.162	3.413	1.0000
1351	60000	79506.6	-19506.6	32.511	1.0000
1352	180000	119252.2	60747.83	33.749	1.0000
1353	180000	136362.5	43637.51	24.243	1.0000
1354	155000	114961.1	40038.89	25.832	1.0000
1355	60000	97664.81	-37664.81	62.775	1.0000
1356	91000	95634.34	-4634.345	5.093	1.0000
1357	55000	77006.93	-22006.93	40.013	1.0000
1358	115000	70575.09	44424.91	38.630	1.0000
1359	192000	110909.2	81090.76	42.235	0.8995
1360	97500	82908.04	14591.96	14.966	1.0000
1361	50000	82612.97	-32612.97	65.226	1.0000
1362	270000	129898.3	140101.7	51.890	0.5206
1363	50000	92356.84	-42356.84	84.714	1.0000
1364	250000	84589.3	165410.7	66.164	0.4410
1365	155000	137155.5	17844.5	11.513	1.0000
1367	192000	84250.47	107749.5	56.120	0.6769
1368	250000	151425.4	98574.58	39.430	0.7400
1369	288000	151425.4	136574.6	47.422	0.5341
1373	60000	51865.6	8134.397	13.557	1.0000
1374	140000	73853.95	66146.05	47.247	1.0000
1376	127000	95071.88	31928.12	25.140	1.0000
1377	292000	157472.9	134527.1	46.071	0.5422
1378	325000	110658.7	214341.3	65.951	0.3403
1379	225000	89133.13	135866.9	60.385	0.5369
1380	150000	74729.19	75270.81	50.181	0.9690
1381	116480	128426.9	-11946.9	10.257	1.0000
1382	325000	122899.1	202100.9	62.185	0.3609
1383	171000	141587.6	29412.43	17.200	1.0000
1385	152000	139672	12327.96	8.110	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1386	130000	97354.09	32645.91	25.112	1.0000
1387	150000	103030.5	46969.53	31.313	1.0000
1388	88000	84806.11	3193.893	3.629	1.0000
1389	35000	61495.2	-26495.2	75.701	1.0000
1390	76000	122331.4	-46331.44	60.962	1.0000
1393	40000	90750.68	-50750.68	126.877	1.0000
1394	49000	44738.6	4261.397	8.697	1.0000
1395	150000	93171.81	56828.19	37.885	1.0000
1396	230000	170163.2	59836.78	26.016	1.0000
1398	300000	90895.21	209104.8	69.702	0.3488
1399	35000	79462.39	-44462.39	127.035	1.0000
1400	132000	163712.5	-31712.47	24.025	1.0000
1401	88000	58591.65	29408.35	33.419	1.0000
1402	82000	37424.39	44575.61	54.361	1.0000
1403	325000	86233.77	238766.2	73.467	0.3055
1404	50000	63525.18	-13525.18	27.050	1.0000
1405	175000	84817.12	90182.88	51.533	0.8088
1406	250000	78620.3	171379.7	68.552	0.4256
1407	200000	111763	88237.03	44.119	0.8266
1408	177500	114477.8	63022.22	35.505	1.0000
1409	30000	74366.76	-44366.75	147.889	1.0000
1410	35000	72806.58	-37806.57	108.019	1.0000
1411	235000	119418.3	115581.7	49.184	0.6311
1412	105000	245802.4	-140802.4	134.098	0.5180
1413	63000	50852.54	12147.46	19.282	1.0000
1414	130000	85928.37	44071.64	33.901	1.0000
1415	20000	29486.57	-9486.573	47.433	1.0000
1416	40000	125981.4	-85981.43	214.954	0.8483
1417	100000	78473.36	21526.64	21.527	1.0000
1418	110000	60968.57	49031.43	44.574	1.0000
1419	140000	189814.7	-49814.68	35.582	1.0000
1420	120000	121422.9	-1422.872	1.186	1.0000
1421	80000	86302.72	-6302.722	7.878	1.0000
1424	189000	122998.4	66001.59	34.921	1.0000
1425	110000	60136.51	49863.49	45.330	1.0000
1426	100000	71904.39	28095.61	28.096	1.0000
1427	13000	46571.88	-33571.88	258.245	1.0000
1428	95000	58392.2	36607.8	38.535	1.0000
1429	190000	109014.5	80985.5	42.624	0.9007
1430	197500	101796.2	95703.8	48.458	0.7621
1431	18950	44736.46	-25786.46	136.076	1.0000
1432	85000	165315.4	-80315.42	94.489	0.9082
1433	98000	150476.6	-52476.64	53.548	1.0000
1434	127500	73511.79	53988.21	42.344	1.0000
1435	75000	43541.53	31458.47	41.945	1.0000
1437	125000	92337.87	32662.13	26.130	1.0000
1438	60000	81315.21	-21315.21	35.525	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1439	60000	91390.63	-31390.63	52.318	1.0000
1440	80000	100145.2	-20145.23	25.182	1.0000
1441	40000	57490.98	-17490.98	43.727	1.0000
1442	142000	109661.4	32338.6	22.774	1.0000
1443	255000	111321.3	143678.8	56.345	0.5077
1444	160000	130800.6	29199.36	18.250	1.0000
1445	800000	41407.54	758592.4	94.824	0.0962
1446	315000	151634.2	163365.8	51.862	0.4465
1447	240000	131566.7	108433.3	45.181	0.6727
1448	195000	132697.1	62302.85	31.950	1.0000
1449	320000	119645.9	200354.1	62.611	0.3641
1450	275000	125241.8	149758.2	54.458	0.4871
1451	120000	112593.3	7406.658	6.172	1.0000
1452	92000	78936.38	13063.62	14.200	1.0000
1453	162000	115933	46066.99	28.436	1.0000
1454	180000	113169	66830.98	37.128	1.0000
1455	42000	90667.63	-48667.62	115.875	1.0000
1456	120000	70497.87	49502.13	41.252	1.0000
1457	80000	69711.17	10288.83	12.861	1.0000
1458	85000	73646.1	11353.9	13.358	1.0000
1459	115000	89114.38	25885.62	22.509	1.0000
1460	34000	121321.7	-87321.69	256.828	0.8353
1461	160000	115294.6	44705.35	27.941	1.0000
1462	329000	117878.7	211121.3	64.171	0.3455
1463	80000	79344.9	655.1014	0.819	1.0000
1464	80000	52852.21	27147.79	33.935	1.0000
1466	63700	75708.02	-12008.03	18.851	1.0000
1467	155000	115148.4	39851.57	25.711	1.0000
1468	285000	79698.2	205301.8	72.036	0.3553
1469	110000	124266.7	-14266.74	12.970	1.0000
1470	185000	137918.2	47081.81	25.450	1.0000
1471	75000	126272	-51272.05	68.363	1.0000
1472	580000	128331.8	451668.2	77.874	0.1615
1473	75000	101749.6	-26749.62	35.666	1.0000
1474	360000	146604	213396	59.277	0.3418
1475	139000	55893.91	83106.09	59.789	0.8777
1476	220000	113800.4	106199.6	48.273	0.6868
1477	125000	75576.58	49423.42	39.539	1.0000
1478	50000	86807.02	-36807.02	73.614	1.0000
1479	170000	84836.8	85163.2	50.096	0.8565
1480	90500	81336.23	9163.763	10.126	1.0000
1481	23000	86469.17	-63469.17	275.953	1.0000
1482	35000	76514.23	-41514.23	118.612	1.0000
1483	78000	94332.91	-16332.92	20.940	1.0000
1484	75000	62479.25	12520.75	16.694	1.0000
1485	165000	71405.31	93594.69	56.724	0.7793
1487	115000	75714.23	39285.77	34.162	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1488	64000	65773.54	-1773.541	2.771	1.0000
1489	310000	117012.1	192987.9	62.254	0.3780
1490	240000	79801.2	160198.8	66.749	0.4553
1491	70000	54031.7	15968.3	22.812	1.0000
1492	110000	103947.9	6052.087	5.502	1.0000
1493	115000	117833.1	-2833.134	2.464	1.0000
1494	210000	136421.4	73578.56	35.037	0.9913
1495	220000	100040.7	119959.3	54.527	0.6080
1496	90000	53883.27	36116.73	40.130	1.0000
1497	300000	136918.6	163081.4	54.360	0.4473
1498	145000	154985.9	-9985.889	6.887	1.0000
1499	32000	72521.31	-40521.32	126.629	1.0000
1500	40000	75367.6	-35367.6	88.419	1.0000
1501	93000	75023.38	17976.61	19.330	1.0000
1502	100000	97689.7	2310.308	2.310	1.0000
1503	149000	141196	7804.019	5.238	1.0000
1504	185000	83342.98	101657	54.950	0.7175
1505	330000	67528.38	262471.6	79.537	0.2779
1506	85000	48415.77	36584.23	43.040	1.0000
1507	315000	132725.6	182274.4	57.865	0.4002
1508	150000	137550.6	12449.37	8.300	1.0000
1511	225000	103430.7	121569.3	54.031	0.6000
1512	765000	81205.03	683795	89.385	0.1067
1513	205000	137579	67420.98	32.888	1.0000
1514	70000	82870.32	-12870.32	18.386	1.0000
1515	292000	120510.9	171489.1	58.729	0.4253
1516	95000	79596.96	15403.04	16.214	1.0000
1517	150000	60719.17	89280.84	59.521	0.8170
1518	133000	150467	-17466.96	13.133	1.0000
1519	140000	74832.09	65167.91	46.549	1.0000
1520	40000	103092.3	-63092.34	157.731	1.0000
1522	110000	77459.8	32540.19	29.582	1.0000
1523	54000	84689.26	-30689.26	56.832	1.0000
1525	47000	44406.03	2593.967	5.519	1.0000
1526	118000	70446.05	47553.95	40.300	1.0000
1527	23000	45625.19	-22625.19	98.370	1.0000
1528	250000	109925.8	140074.2	56.030	0.5207
1529	74000	88487.99	-14487.99	19.578	1.0000
1530	190000	62709.8	127290.2	66.995	0.5730
1531	30500	65908.39	-35408.39	116.093	1.0000
1532	205500	55735.93	149764.1	72.878	0.4870
1533	260000	45437.69	214562.3	82.524	0.3399
1534	98000	91861.34	6138.656	6.264	1.0000
1535	185000	66742.65	118257.4	63.923	0.6168
1536	120000	60792.38	59207.63	49.340	1.0000
1537	440000	132580.1	307419.9	69.868	0.2373
1538	140000	142360.7	-2360.679	1.686	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1539	170000	89821.6	80178.4	47.164	0.9097
1540	160000	115836.9	44163.06	27.602	1.0000
1541	150000	186773.6	-36773.63	24.516	1.0000
1542	185000	135473.1	49526.87	26.771	1.0000
1545	91000	41210.92	49789.08	54.713	1.0000
1546	255000	74427.34	180572.7	70.813	0.4039
1547	50000	87719.16	-37719.15	75.438	1.0000
1548	475000	137249.9	337750.1	71.105	0.2160
1549	120000	68493.75	51506.25	42.922	1.0000
1550	140000	67357.09	72642.91	51.888	1.0000
1551	300000	119420.7	180579.3	60.193	0.4039
1552	130000	98631.52	31368.49	24.130	1.0000
1553	117500	60683.79	56816.21	48.354	1.0000
1554	265000	114087.2	150912.8	56.948	0.4833
1555	45000	88996.3	-43996.3	97.770	1.0000
1556	60000	125698.2	-65698.22	109.497	1.0000
1557	63000	91417.01	-28417.01	45.106	1.0000
1558	75000	90862.03	-15862.03	21.149	1.0000
1560	190000	104236	85764.05	45.139	0.8505
1561	83500	74722.39	8777.606	10.512	1.0000
1562	340000	90353.46	249646.5	73.425	0.2922
1563	73000	58149.8	14850.2	20.343	1.0000
1564	93000	96905.92	-3905.919	4.200	1.0000
1565	100000	107907.8	-7907.802	7.908	1.0000
1566	390000	170543.3	219456.7	56.271	0.3324
1567	40000	7694.213	32305.79	80.764	1.0000
1568	455000	147895.2	307104.8	67.496	0.2375
1569	145000	108496.9	36503.12	25.175	1.0000
1570	180000	125377.8	54622.25	30.346	1.0000
1571	210000	116692.2	93307.77	44.432	0.7817
1572	1200000	84695.54	1115305	92.942	0.0654
1573	270000	91451.52	178548.5	66.129	0.4085
1574	40000	96767.98	-56767.98	141.920	1.0000
1576	126000	97274.96	28725.04	22.798	1.0000
1577	89000	56661.8	32338.2	36.335	1.0000
1578	175000	86670.59	88329.41	50.474	0.8258
1579	188000	73012.58	114987.4	61.164	0.6343
1580	80000	70008.46	9991.536	12.489	1.0000
1581	220000	100425.7	119574.3	54.352	0.6100
1582	30000	70720.77	-40720.77	135.736	1.0000
1583	315000	85611.02	229389	72.822	0.3180
1584	150000	101591.5	48408.5	32.272	1.0000
1585	77000	135152.7	-58152.73	75.523	1.0000
1586	249400	121411.2	127988.8	51.319	0.5699
1587	90000	26863.18	63136.82	70.152	1.0000
1588	295000	116185.8	178814.2	60.615	0.4079
1590	345000	96013.3	248986.7	72.170	0.2929

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1591	45500	46954.33	-1454.333	3.196	1.0000
1592	50365	110236	-59871	118.874	1.0000
1593	70000	88865.37	-18865.37	26.951	1.0000
1594	150000	99062.47	50937.53	33.958	1.0000
1595	48000	69069.49	-21069.49	43.895	1.0000
1596	355000	80021.41	274978.6	77.459	0.2653
1597	100000	66769.07	33230.93	33.231	1.0000
1598	95000	86327.73	8672.263	9.129	1.0000
1600	35000	113722.4	-78722.42	224.921	0.9265
1601	210000	81201.84	128798.2	61.332	0.5663
1602	330000	123151.9	206848.1	62.681	0.3526
1604	32500	75350.49	-42850.5	131.848	1.0000
1605	60000	68859.36	-8859.361	14.766	1.0000
1606	75000	61787.52	13212.48	17.617	1.0000
1608	205000	74389.36	130610.6	63.713	0.5585
1609	37000	57924.09	-20924.08	56.552	1.0000
1610	180000	89019.7	90980.3	50.545	0.8017
1611	350000	89292.75	260707.3	74.488	0.2798
1612	35000	138044	-103044	294.411	0.7079
1613	80000	59625.41	20374.59	25.468	1.0000
1614	78000	74472.97	3527.033	4.522	1.0000
1615	40000	70554.84	-30554.84	76.387	1.0000
1616	650000	69485.68	580514.3	89.310	0.1256
1618	335000	98694.99	236305	70.539	0.3087
1620	106500	107988.5	-1488.454	1.398	1.0000
1621	115000	88921.52	26078.48	22.677	1.0000
1622	183000	92536.2	90463.8	49.434	0.8063
1623	129500	44353.09	85146.91	65.751	0.8566
1624	210000	135584.5	74415.54	35.436	0.9802
1626	65000	43566.31	21433.69	32.975	1.0000
1627	44000	89623.95	-45623.95	103.691	1.0000
1628	116000	109271.9	6728.102	5.800	1.0000
1629	270000	46053.22	223946.8	82.943	0.3257
1630	335000	161617.2	173382.8	51.756	0.4207
1632	240000	171275.8	68724.15	28.635	1.0000
1633	55000	102768.4	-47768.38	86.852	1.0000
1634	175000	126444.9	48555.12	27.746	1.0000
1635	170000	155828.4	14171.58	8.336	1.0000
1636	95000	81539.34	13460.66	14.169	1.0000
1637	360000	93371.48	266628.5	74.063	0.2736
1638	259000	86655.45	172344.5	66.542	0.4232
1640	250000	70137.52	179862.5	71.945	0.4055
1641	120000	107875.2	12124.75	10.104	1.0000
1642	45000	82140.22	-37140.22	82.534	1.0000
1643	210000	128983.4	81016.55	38.579	0.9003
1645	95000	60948.83	34051.17	35.843	1.0000
1646	140000	87385.36	52614.64	37.582	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1647	41000	82180.9	-41180.9	100.441	1.0000
1648	136000	94805.48	41194.52	30.290	1.0000
1649	237500	153111.3	84388.75	35.532	0.8643
1650	58000	99793.05	-41793.06	72.057	1.0000
1652	220000	110611.4	109388.6	49.722	0.6668
1653	48000	89525.38	-41525.38	86.511	1.0000
1654	75000	69471.75	5528.253	7.371	1.0000
1655	385000	157141.9	227858.1	59.184	0.3201
1656	160000	143839.3	16160.73	10.100	1.0000
1657	83000	110013.5	-27013.52	32.546	1.0000
1658	630000	115597.7	514402.3	81.651	0.1418
1659	248000	122161.9	125838.1	50.741	0.5796
1660	80000	47779.22	32220.78	40.276	1.0000
1661	148000	120709.3	27290.74	18.440	1.0000
1662	190000	97694.47	92305.53	48.582	0.7902
1663	52175	70919.29	-18744.29	35.926	1.0000
1665	70000	121416.9	-51416.92	73.453	1.0000
1666	200000	81144.05	118855.9	59.428	0.6137
1667	295000	94009.23	200990.8	68.132	0.3629
1668	307500	118733.7	188766.3	61.387	0.3864
1669	75000	80996.41	-5996.416	7.995	1.0000
1671	117000	50075.1	66924.9	57.201	1.0000
1672	355000	144295.3	210704.7	59.353	0.3462
1673	140000	83722.14	56277.86	40.198	1.0000
1674	288500	135368.8	153131.2	53.078	0.4763
1675	315000	140630.9	174369.1	55.355	0.4183
1676	29000	57382.01	-28382.01	97.869	1.0000
1678	52000	56149.91	-4149.913	7.981	1.0000
1679	165000	69974.73	95025.27	57.591	0.7676
1680	240000	157706.6	82293.45	34.289	0.8863
1681	92000	56267.09	35732.91	38.840	1.0000
1682	138000	26687.37	111312.6	80.661	0.6553
1683	157500	92017.98	65482.02	41.576	1.0000
1684	60000	60303.19	-303.1859	0.505	1.0000
1685	35000	82554.09	-47554.09	135.869	1.0000
1686	215000	145694.9	69305.09	32.235	1.0000
1687	220000	135579.8	84420.22	38.373	0.8640
1688	160000	68010.79	91989.21	57.493	0.7929
1689	100000	111078	-11077.95	11.078	1.0000
1690	258000	86327.16	171672.8	66.540	0.4249
1691	428000	113414.9	314585.1	73.501	0.2319
1692	325000	128913.1	196086.9	60.334	0.3720
1693	37000	38935.67	-1935.672	5.232	1.0000
1694	94000	75292.52	18707.48	19.902	1.0000
1695	100000	94055.16	5944.834	5.945	1.0000
1696	50000	63121.96	-13121.96	26.244	1.0000
1697	185000	115712.2	69287.8	37.453	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1698	135000	109540.8	25459.23	18.859	1.0000
1699	230000	92942.83	137057.2	59.590	0.5322
1700	130000	107593.2	22406.81	17.236	1.0000
1701	65000	106177.3	-41177.34	63.350	1.0000
1702	60000	80488.12	-20488.12	34.147	1.0000
1703	85000	40015.08	44984.92	52.923	1.0000
1704	15000	80564.83	-65564.83	437.099	1.0000
1705	165000	83575.95	81424.05	49.348	0.8958
1706	180000	86238.5	93761.5	52.090	0.7779
1707	187000	116770.3	70229.75	37.556	1.0000
1708	90000	77261.57	12738.43	14.154	1.0000
1709	285000	60119.6	224880.4	78.905	0.3244
1710	80000	24611.66	55388.34	69.235	1.0000
1711	90000	69510.78	20489.22	22.766	1.0000
1712	205000	81315.21	123684.8	60.334	0.5897
1713	49000	83648.45	-34648.45	70.711	1.0000
1715	42500	84919.85	-42419.86	99.811	1.0000
1716	83000	93293.73	-10293.73	12.402	1.0000
1717	228000	105298.8	122701.2	53.816	0.5945
1719	95000	99664.99	-4664.994	4.911	1.0000
1720	230000	87408.24	142591.8	61.996	0.5115
1722	62000	72073.82	-10073.82	16.248	1.0000
1723	195000	71312.76	123687.2	63.429	0.5897
1724	54000	62986.04	-8986.037	16.641	1.0000
1725	35000	75398.83	-40398.83	115.425	1.0000
1726	372200	108276.1	263923.9	70.909	0.2764
1727	100000	110809.6	-10809.57	10.810	1.0000
1728	345000	172334.1	172665.9	50.048	0.4224
1729	205000	107035.5	97964.55	47.788	0.7446
1730	110000	58557.69	51442.31	46.766	1.0000
1731	84000	49079.59	34920.41	41.572	1.0000
1732	260000	110247.4	149752.6	57.597	0.4871
1733	255000	139864.8	115135.2	45.151	0.6335
1734	105000	97526.95	7473.043	7.117	1.0000
1735	115000	82377.57	32622.43	28.367	1.0000
1737	15000	131264.4	-116264.4	775.096	0.6274
1738	145000	44196.4	100803.6	69.520	0.7236
1739	110000	84398.44	25601.56	23.274	1.0000
1740	100000	93903.16	6096.845	6.097	1.0000
1741	64000	52099.85	11900.15	18.594	1.0000
1742	285000	112510.5	172489.5	60.523	0.4229
1743	80000	65663.43	14336.57	17.921	1.0000
1744	55000	108561.5	-53561.48	97.385	1.0000
1745	50000	66583.05	-16583.05	33.166	1.0000
1747	135000	96621.52	38378.48	28.429	1.0000
1748	160000	92466.55	67533.45	42.208	1.0000
1749	45000	70740.95	-25740.95	57.202	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1750	260000	124497.6	135502.4	52.116	0.5383
1751	80050	139430.7	-59380.69	74.179	1.0000
1752	205000	121716.8	83283.23	40.626	0.8758
1753	244000	89718.52	154281.5	63.230	0.4728
1754	287000	132079.6	154920.4	53.979	0.4708
1755	175000	115689.6	59310.41	33.892	1.0000
1756	58000	131822.6	-73822.55	127.280	0.9880
1757	135000	131123	3877.035	2.872	1.0000
1758	120000	113347.2	6652.838	5.544	1.0000
1759	270000	87152.93	182847.1	67.721	0.3989
1760	107000	81923.13	25076.87	23.436	1.0000
1761	110000	61964.96	48035.04	43.668	1.0000
1762	30000	74778.44	-44778.44	149.261	1.0000
1763	182000	132920.7	49079.34	26.967	1.0000
1764	107000	43174.97	63825.03	59.650	1.0000
1765	80000	121167.4	-41167.39	51.459	1.0000
1766	70000	87571.59	-17571.59	25.102	1.0000
1768	220000	95274.54	124725.5	56.693	0.5848
1770	210000	121160.5	88839.45	42.304	0.8210
1771	225000	72859.76	152140.3	67.618	0.4794
1772	65000	70964.7	-5964.702	9.176	1.0000
1773	235000	111059.9	123940.1	52.740	0.5885
1774	37500	80606.72	-43106.71	114.951	1.0000
1775	247500	143467.9	104032.1	42.033	0.7011
1776	47000	95327.1	-48327.11	102.824	1.0000
1777	260000	118611.2	141388.8	54.380	0.5159
1778	117000	107842.4	9157.649	7.827	1.0000
1779	55000	31982.5	23017.5	41.850	1.0000
1780	63000	49977	13023	20.671	1.0000
1781	55000	61456.4	-6456.398	11.739	1.0000
1782	195000	116658.7	78341.34	40.175	0.9311
1783	465000	183496.8	281503.3	60.538	0.2591
1784	140000	80336.04	59663.96	42.617	1.0000
1785	150000	98864.08	51135.92	34.091	1.0000
1786	240000	96135.92	143864.1	59.943	0.5070
1787	120000	77995.35	42004.64	35.004	1.0000
1788	175000	72137.97	102862	58.778	0.7091
1789	280000	113045.1	166954.9	59.627	0.4369
1790	49500	92802.58	-43302.58	87.480	1.0000
1791	89000	76875.24	12124.76	13.623	1.0000
1792	150000	59159.77	90840.23	60.560	0.8030
1793	170000	41868.34	128131.7	75.372	0.5693
1794	100000	114059.2	-14059.23	14.059	1.0000
1795	73500	53818.34	19681.66	26.778	1.0000
1796	150000	97823.23	52176.77	34.785	1.0000
1797	95000	122213.9	-27213.87	28.646	1.0000
1798	85000	73470.48	11529.52	13.564	1.0000

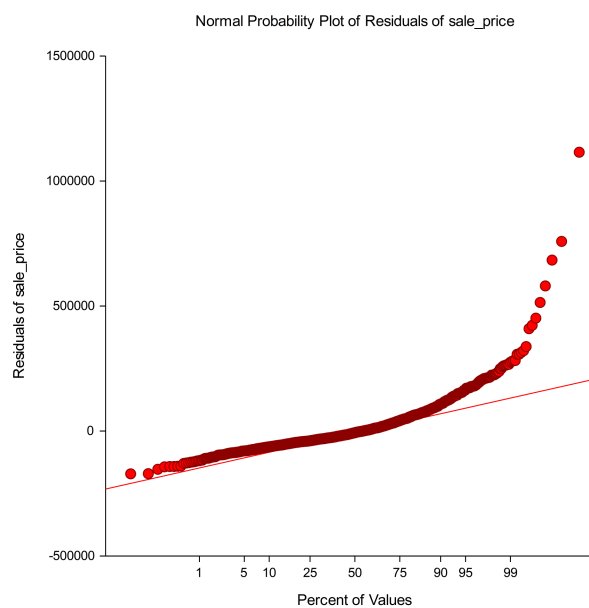
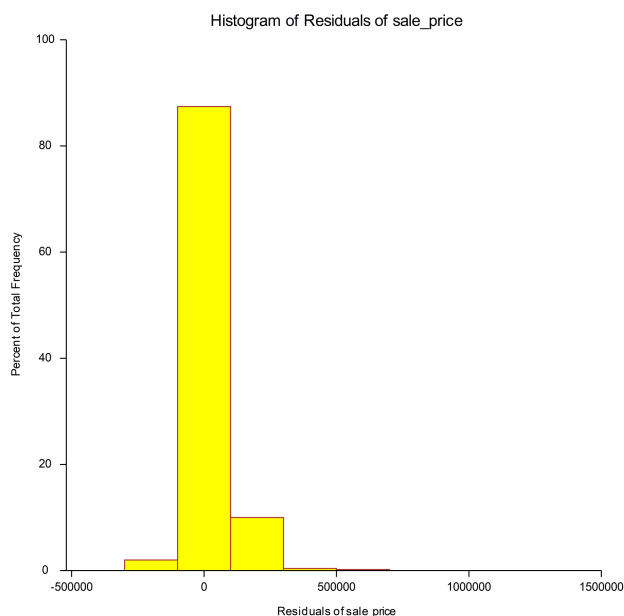
Robust Multiple Regression Report

Dataset C:\Users\Dr_la\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Robust Residuals and Weights (Continued)

Row	Actual sale_price	Predicted sale_price	Residual	Absolute Percent Error	Robust Weight
1799	80000	43452.2	36547.8	45.685	1.0000
1800	59000	78459.03	-19459.03	32.981	1.0000
1801	282500	86286.21	196213.8	69.456	0.3717
1802	50000	26217.53	23782.47	47.565	1.0000
1805	245000	118338.2	126661.8	51.699	0.5759
1806	175000	103103.4	71896.59	41.084	1.0000
1808	500000	90609.16	409390.8	81.878	0.1782
1809	320000	87840.88	232159.1	72.550	0.3142
1810	215000	105201.1	109798.9	51.069	0.6643
1812	122200	52393.36	69806.63	57.125	1.0000
1813	104000	95401.54	8598.461	8.268	1.0000
1814	115000	101267	13733.04	11.942	1.0000
1815	84500	84189.75	310.2488	0.367	1.0000

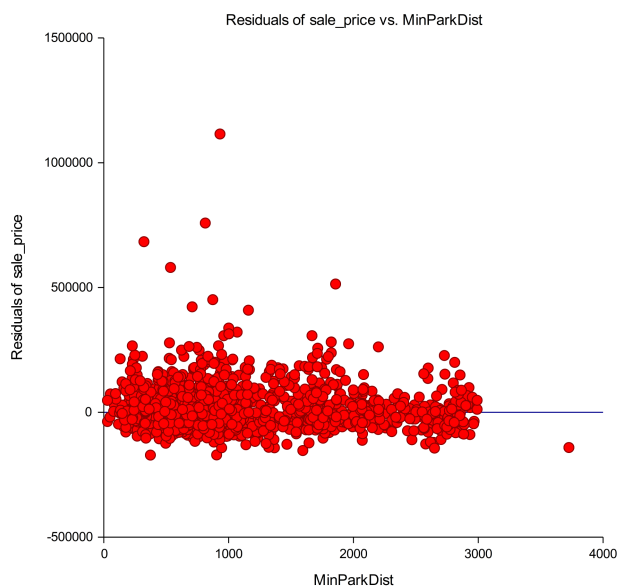
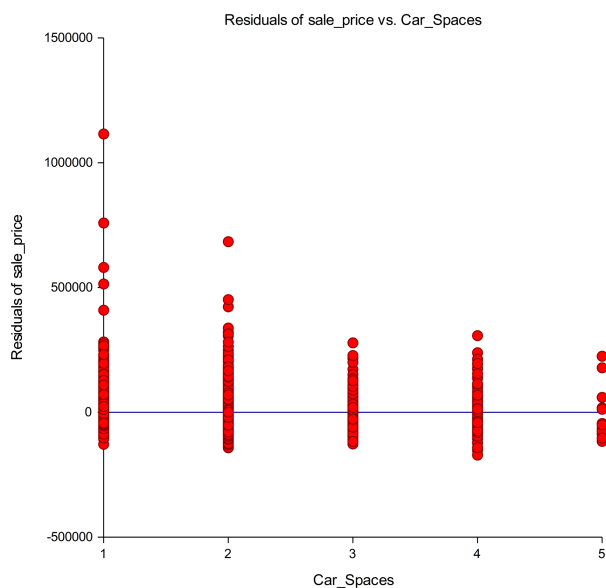
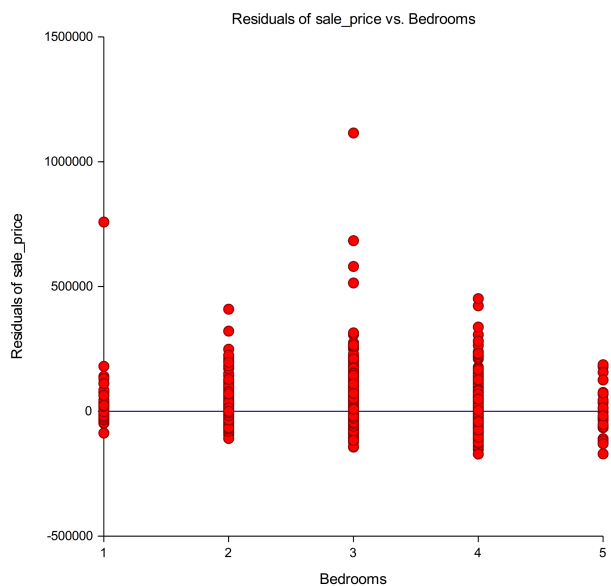
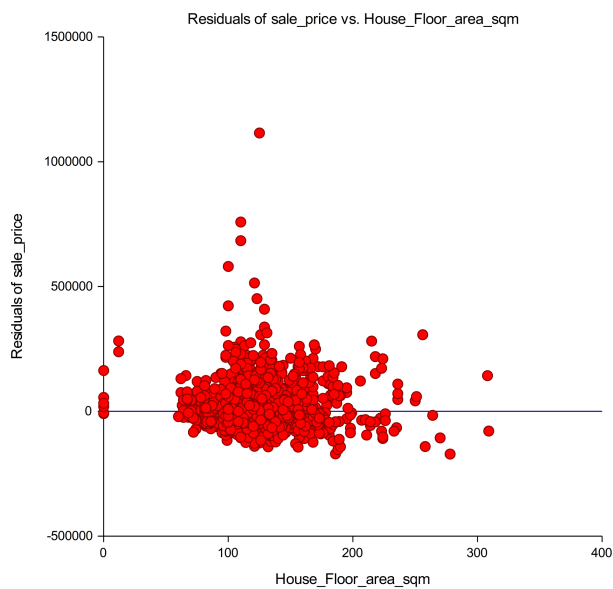
Distributional Plots of Residuals



Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
Dependent sale_price

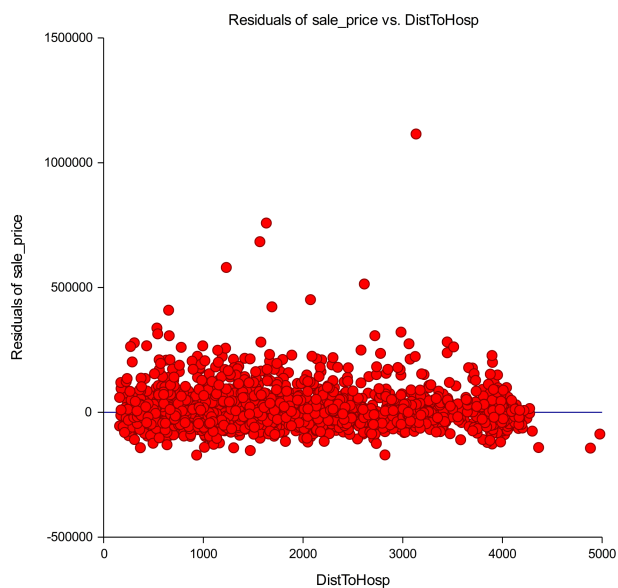
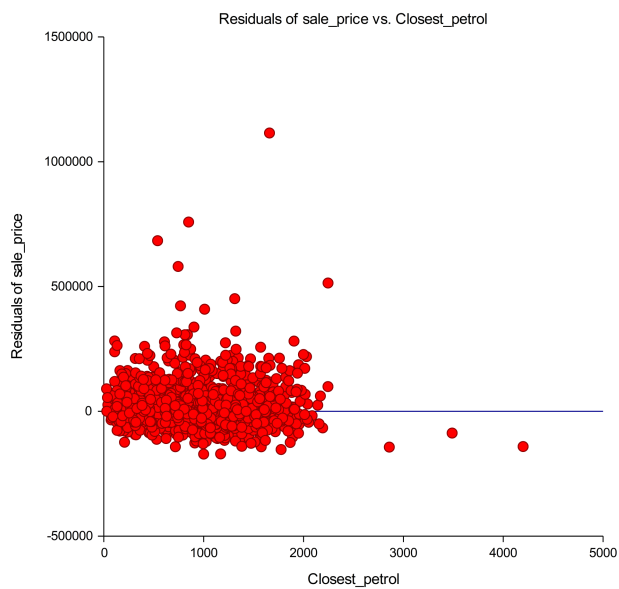
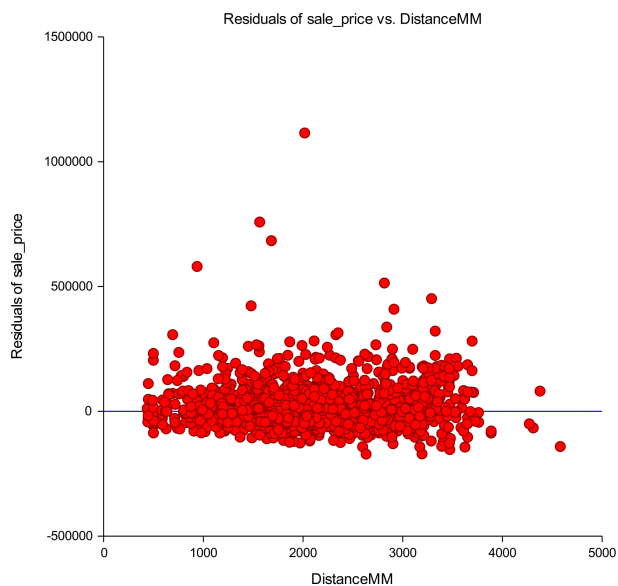
Residuals vs X Plots



Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
Dependent sale_price

Residuals vs X Plots (Continued)



Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Procedure Input Settings**Autosaved Template File**

C:\Users\Dr_Ia\Documents\NCSS 2022\Procedure Templates\Autosave\Robust Regression - Autosaved
 2022_10_11-14_20_38.t158

Variables, Model Tab

-- Variables -----
 Y: sale_price
 Numeric X's: House_Floor_area_sqm, Bedrooms, Car_Spaces,
 MinParkDist, DistanceMM, Closest_petrol,
 DistToHosp
 Categorical X's: <Empty>
 Weights: <Empty>

-- Regression Model -----
 Terms: 1-Way
 Remove Intercept: Unchecked

Robust Tab

-- Robust Regression Options -----
 .. Robust Method
 Robust Influence Function: Huber's Method
 Huber's Tuning Constant: 1.345

-- Scale Factor
 MAD Scale Factor: 0.6745

-- Stop Iterating When
 Maximum Percent Change in Beta Estimates is ≤: 0.001
 Number of Iterations is: 30

Reports Tab

-- Alphas and Confidence Levels -----
 Tests Alpha: 0.050
 Assumptions Alpha: 0.20
 Confidence Level: 95

-- Select Reports -----
 .. Summaries
 Run Summary: Checked
 Descriptive Statistics: Checked
 Correlations: Unchecked
 Iterations - Coefficients: Checked
 Iterations - Residuals: Checked

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Procedure Input Settings (Continued)**Reports Tab (Continued)**

.. Regression Coefficients	
Coef T-Tests Fixed Wts	Checked
Coef T-Tests Random Wts	Checked
Coef CI's Fixed Wts	Checked
Coef CI's Random Wts	Checked
Estimated Equation	Checked
Bootstrap CI's	Unchecked
.. ANOVA	
ANOVA Summary	Unchecked
ANOVA Detail	Unchecked
.. Assumptions	
PRESS Statistics	Unchecked
Normality Tests	Unchecked
Durbin-Watson	Unchecked
.. X Diagnostics	
R ²	Unchecked
Variable Omission	Unchecked
Sum of Squares	Unchecked
Sequential Models	Unchecked
Multicollinearity	Unchecked
.. Eigenvalues	
Eigenvalues - Centered	Unchecked
Eigenvectors - Centered	Unchecked
Eigenvalues - Uncentered	Unchecked
Eigenvectors - Uncentered	Unchecked
.. Row-by-Row Lists	
Show:	All Rows
Predicted for Means	Unchecked
Predicted for Individuals	Unchecked
Residuals	Unchecked
Regression Diagnostics	Unchecked
DFBETAS	Unchecked
Robust Residuals	Checked
Weight Cutoff:	1

Report Options Tab

-- Labels -----	
Stagger label and output if label length is ≥	40

Robust Multiple Regression Report

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Procedure Input Settings (Continued)**Report Options Tab (Continued)**

-- Decimal Places -----	
Precision:	Single
Reg Coefficients:	All
Std Error of b's:	All
Test Statistics:	3
Probabilities:	4
Percentages:	3
Means:	All
Std Deviations:	All
R ² , Correlations, Standardized Coef's:	4
Mean Squares, Sum of Squares:	All
Y's, Residuals, etc.:	All
Std Error of Y:	All
Eigenvalues:	4
Eigenvectors:	4
Diagonal of X'X Inverse:	All

Plots Tab

-- Select Plots -----	
.. Distribution of Residuals	
Histogram	Checked
Probability Plot	Checked
.. Y vs X	
Y vs X	Unchecked
.. Residual Analysis Plots	
Serial Correlation	Unchecked
Resids vs Row	Unchecked
RStudent vs Hat	Unchecked
Resids vs Yhat	Unchecked
Resids vs X	Checked
RStudent vs X	Unchecked
Partial Resids vs X	Unchecked
.. Bootstrap Histograms	
Coefficient C.I.'s	Checked

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BH MR results\BHTotalData27Aug2022.NCSS
 Dependent sale_price

Procedure Input Settings (Continued)**Storage Tab**

-- Select Items to Store with the Dataset -----	
.. Row-by-Row Items	
Predicted Y	Unchecked
Residuals	Unchecked
Standard Error of the Predicted Mean	Unchecked
Lower Confidence Limit of the Predicted Mean	Unchecked
Upper Confidence Limit of the Predicted Mean	Unchecked
Standard Error of a Predicted Individual	Unchecked
Lower Confidence Limit of a Predicted Individual	Unchecked
Upper Confidence Limit of a Predicted Individual	Unchecked
Rstudent	Unchecked
Hat Diagonals	Unchecked
CovRatio	Unchecked
Dffits	Unchecked
MSE(i)	Unchecked
Cook's D	Unchecked
Robust Weights	Unchecked
DFBETAS	Unchecked
.. Matrices	
X'X Inverse Matrix	Unchecked
VC(Betas) Matrix	Unchecked
Expanded X Matrix	Unchecked
.. Storage Options	
Storage Location:	In empty column(s) after the last column with data
Skip one or more columns before item storage	Unchecked
Rename the storage column(s) using the item name(s)	Checked
Add a Note about each stored item in the Column Info table	Checked
Overlay storage data when the Group By System is active	Unchecked