

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Run Summary Report

Item	Value	Rows	Value
Dependent Variable	Log_10_Sale_Price	Number Processed	1816
Number Ind. Variables	23	Number Used in Estimation	900
Weight Variable	None	Number Filtered Out	0
Robust Method	Huber's Method	Number with X's Missing	916
Tuning Constant	1.345	Number with Weight Missing	0
MAD Scale Factor	0.6745	Number with Y Missing	0
		Sum of Robust Weights	860.113
Run Information	Value		
Iterations	21		
Max % Change in any Coef	0.000		
R ² after Robust Weighting	0.5026		
S using MAD	0.28		
S using MSE	0.26		
Completion Status	Warnings Issued		

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Descriptive Statistics

Variable	Count	Mean	Standard Deviation	Minimum	Maximum
Block_area_sqm	900	847.654	474.966	0	7224
House_area_sqm	900	143.570	21.529	0	200
House_Floor_area_sqm	900	122.061	25.289	0	264
Bedrooms	900	2.906	0.744	1	5
Bathrooms	900	1.152	0.390	1	3
Car_Spaces	900	1.657	0.901	1	5
DistanceMM	900	2086.604	717.679	442.898021	4376.363816
DistToRailwayStation	900	1872.121	1000.968	34.29750731	4422.740784
DIST_PubPrimSch	900	1745.364	826.739	18.34186983	4352.216985
NearestHighSch	900	1452.039	670.385	161.1115651	4242.345503
Distance_to_AqCentre	900	3819.335	625.774	2333.537576	6563.688285
Distance_to_Clink	900	1757.469	715.300	31.20377581	4681.149451
Dist_to_CSUni	900	3320.576	1329.472	262.4151884	6214.538493
MinParkDist	900	1071.487	684.438	51.96188407	2966.492051
ComHealthCentre	900	2019.702	973.708	140.1193182	5697.608351
Closest_petrol	900	924.778	449.684	26.82141689	3487.565228
NearestFastFood	900	1271.037	681.298	55.31352241	3557.359195
NearestSGrocShop	900	1541.265	597.664	78.67747724	3299.31823
Dummy_2000	900	0.598	0.479	0	1
Dummy_2005	900	0.298	0.447	0	1
Dummy_2010	900	0.104	0.298	0	1
Dummy_2015	900	0.151	0.350	0	1
Dummy_2019	900	0.168	0.366	0	1
Log_10_Sale_Price	900	4.857	0.367	3.54406804435028	5.88366143515362

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Robust Iterations - Coefficients

Robust Iteration	Max Percent Change in Coefficients	b(0)	b(1)	b(2)	b(3)
0		1.77866	0.00002	-0.00008	0.00114
1	177.401	4.93403	0.00002	-0.00021	0.00127
2	3818.141	4.64191	0.00001	-0.00025	0.00127
3	3705.954	5.07960	0.00001	-0.00027	0.00127
4	161.860	4.74141	0.00001	-0.00027	0.00127
5	104.400	4.87025	0.00001	-0.00028	0.00127
6	24442.308	5.07693	0.00001	-0.00028	0.00127
7	219.939	4.62038	0.00001	-0.00028	0.00127
8	14159.371	5.07694	0.00001	-0.00028	0.00127
9	412.384	4.22090	0.00001	-0.00028	0.00127
10	459.917	2.39841	0.00001	-0.00028	0.00127
11	56.119	3.64355	0.00001	-0.00028	0.00127
12	92.500	4.54415	0.00001	-0.00028	0.00127
13	2510.541	2.71090	0.00001	-0.00028	0.00127
14	124.119	5.07695	0.00001	-0.00028	0.00127
15	194.787	4.67260	0.00001	-0.00028	0.00127
16	1256.140	3.97633	0.00001	-0.00028	0.00127
17	590.718	7.76190	0.00001	-0.00028	0.00127
18	100.000	5.07695	0.00001	-0.00028	0.00127
19	312.073	4.42914	0.00001	-0.00028	0.00127
20	344.512	5.07695	0.00001	-0.00028	0.00127
21	0.000	5.07695	0.00001	-0.00028	0.00127

Robust Iterations - Residuals

Robust Iteration	Max Percent Change in Coefficients	Percentiles of Absolute Residuals			
		25th	50th	75th	100th
0		0.093	0.193	0.336	1.416
1	177.401	0.088	0.190	0.324	1.464
2	3818.141	0.089	0.189	0.319	1.473
3	3705.954	0.089	0.189	0.319	1.475
4	161.860	0.089	0.189	0.319	1.475
5	104.400	0.089	0.189	0.319	1.475
6	24442.308	0.089	0.189	0.319	1.476
7	219.939	0.089	0.189	0.319	1.476
8	14159.371	0.089	0.189	0.319	1.476
9	412.384	0.089	0.189	0.319	1.476
10	459.917	0.089	0.189	0.319	1.476
11	56.119	0.089	0.189	0.319	1.476

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Robust Iterations - Residuals (Continued)

Robust Iteration	Max Percent Change in Coefficients	Percentiles of Absolute Residuals			
		25th	50th	75th	100th
12	92.500	0.089	0.189	0.319	1.476
13	2510.541	0.089	0.189	0.319	1.476
14	124.119	0.089	0.189	0.319	1.476
15	194.787	0.089	0.189	0.319	1.476
16	1256.140	0.089	0.189	0.319	1.476
17	590.718	0.089	0.189	0.319	1.476
18	100.000	0.089	0.189	0.319	1.476
19	312.073	0.089	0.189	0.319	1.476
20	344.512	0.089	0.189	0.319	1.476
21	0.000	0.089	0.189	0.319	1.476

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Regression Coefficients T-Tests Assuming Fixed Weights

Independent Variable	Regression Coefficient b(i)	Standard Error Sb(i)	Standardized Coefficient	T-Statistic to Test H0: $\beta(i)=0$	Prob Level	Reject H0 at 5%?
Intercept	5.07695	0.399060	0.0000	12.722	0.0000	Yes
Block_area_sqm	0.00001	0.000021	0.0186	0.680	0.4969	No
House_area_sqm	-0.00028	0.000436	-0.0162	-0.635	0.5256	No
House_Floor_area_sqm	0.00127	0.000394	0.0878	3.226	0.0013	Yes
Bedrooms	0.13582	0.013311	0.2758	10.204	0.0000	Yes
Bathrooms	-0.01277	0.024585	-0.0136	-0.519	0.6037	No
Car_Spaces	0.04133	0.010603	0.1016	3.898	0.0001	Yes
DistanceMM	-0.00001	0.000031	-0.0142	-0.237	0.8128	No
DistToRailwayStation	0.00001	0.000077	0.0261	0.125	0.9007	No
DIST_PubPrimSch	-0.00005	0.000045	-0.1204	-1.198	0.2311	No
NearestHighSch	-0.00007	0.000035	-0.1348	-2.096	0.0363	Yes
Distance_to_AqCentre	-0.00031	0.000171	-0.5341	-1.833	0.0671	No
Distance_to_Clink	0.00030	0.000111	0.5926	2.747	0.0061	Yes
Dist_to_CSUni	0.00000	0.000036	-0.0060	-0.046	0.9636	No
MinParkDist	-0.00002	0.000040	-0.0461	-0.611	0.5412	No
ComHealthCentre	0.00005	0.000044	0.1241	1.062	0.2884	No
Closest_petrol	0.00002	0.000031	0.0242	0.638	0.5238	No
NearestFastFood	-0.00009	0.000063	-0.1657	-1.418	0.1567	No
NearestSGrocShop	0.00018	0.000081	0.2950	2.241	0.0253	Yes
Dummy_2000	-0.45978	0.032788	-0.6010	-14.023	0.0000	Yes
Dummy_2005	-0.20758	0.032442	-0.2530	-6.399	0.0000	Yes
Dummy_2010	0.00000	0.000000	0.0000	0.000	1.0000	No
Dummy_2015	0.45150	0.029238	0.4305	15.443	0.0000	Yes
Dummy_2019	0.51120	0.028071	0.5098	18.211	0.0000	Yes

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Regression Coefficients T-Tests Assuming Random Weights

Independent Variable	Regression Coefficient b(i)	Standard Error Sb(i)	Standardized Coefficient	T-Statistic to Test H0: $\beta(i)=0$	Prob Level	Reject H0 at 5%?
Intercept	5.07695	1430237.461370	0.0000	0.000	1.0000	No
Block_area_sqm	0.00001	0.000023	0.0186	0.626	0.5317	No
House_area_sqm	-0.00028	0.000474	-0.0162	-0.583	0.5600	No
House_Floor_area_sqm	0.00127	0.000430	0.0878	2.958	0.0032	Yes
Bedrooms	0.13582	0.014429	0.2758	9.413	0.0000	Yes
Bathrooms	-0.01277	0.026858	-0.0136	-0.475	0.6347	No
Car_Spaces	0.04133	0.011761	0.1016	3.514	0.0005	Yes
DistanceMM	-0.00001	0.000034	-0.0142	-0.213	0.8312	No
DistToRailwayStation	0.00001	0.000083	0.0261	0.115	0.9084	No
DIST_PubPrimSch	-0.00005	0.000049	-0.1204	-1.091	0.2756	No
NearestHighSch	-0.00007	0.000039	-0.1348	-1.915	0.0559	No
Distance_to_AqCentre	-0.00031	0.000182	-0.5341	-1.715	0.0867	No
Distance_to_Clink	0.00030	0.000119	0.5926	2.560	0.0106	Yes
Dist_to_CSUni	0.00000	0.000040	-0.0060	-0.042	0.9668	No
MinParkDist	-0.00002	0.000044	-0.0461	-0.561	0.5750	No
ComHealthCentre	0.00005	0.000048	0.1241	0.971	0.3316	No
Closest_petrol	0.00002	0.000034	0.0242	0.579	0.5625	No
NearestFastFood	-0.00009	0.000069	-0.1657	-1.290	0.1974	No
NearestSGrocShop	0.00018	0.000088	0.2950	2.045	0.0411	Yes
Dummy_2000	-0.45978	1430237.461370	-0.6010	0.000	1.0000	No
Dummy_2005	-0.20758	1430237.461370	-0.2530	0.000	1.0000	No
Dummy_2010	0.00000	1430237.461370	0.0000	0.000	1.0000	No
Dummy_2015	0.45150	0.032176	0.4305	14.032	0.0000	Yes
Dummy_2019	0.51120	0.030946	0.5098	16.519	0.0000	Yes

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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	5.07695	0.399060	4.29481	5.85910
Block_area_sqm	0.00001	0.000021	-0.00003	0.00006
House_area_sqm	-0.00028	0.000436	-0.00113	0.00058
House_Floor_area_sqm	0.00127	0.000394	0.00050	0.00205
Bedrooms	0.13582	0.013311	0.10973	0.16191
Bathrooms	-0.01277	0.024585	-0.06095	0.03542
Car_Spaces	0.04133	0.010603	0.02055	0.06211
DistanceMM	-0.00001	0.000031	-0.00007	0.00005
DistToRailwayStation	0.00001	0.000077	-0.00014	0.00016
DIST_PubPrimSch	-0.00005	0.000045	-0.00014	0.00003
NearestHighSch	-0.00007	0.000035	-0.00014	0.00000
Distance_to_AqCentre	-0.00031	0.000171	-0.00065	0.00002
Distance_to_Clink	0.00030	0.000111	0.00009	0.00052
Dist_to_CSUni	0.00000	0.000036	-0.00007	0.00007
MinParkDist	-0.00002	0.000040	-0.00010	0.00005
ComHealthCentre	0.00005	0.000044	-0.00004	0.00013
Closest_petrol	0.00002	0.000031	-0.00004	0.00008
NearestFastFood	-0.00009	0.000063	-0.00021	0.00003
NearestSGrocShop	0.00018	0.000081	0.00002	0.00034
Dummy_2000	-0.45978	0.032788	-0.52404	-0.39551
Dummy_2005	-0.20758	0.032442	-0.27117	-0.14400
Dummy_2010	0.00000	0.000000		
Dummy_2015	0.45150	0.029238	0.39420	0.50881
Dummy_2019	0.51120	0.028071	0.45618	0.56622

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

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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	5.07695	1430237.461370	-2803208.83675	2803218.99065
Block_area_sqm	0.00001	0.000023	-0.00003	0.00006
House_area_sqm	-0.00028	0.000474	-0.00121	0.00065
House_Floor_area_sqm	0.00127	0.000430	0.00043	0.00212
Bedrooms	0.13582	0.014429	0.10754	0.16410
Bathrooms	-0.01277	0.026858	-0.06541	0.03987
Car_Spaces	0.04133	0.011761	0.01828	0.06438
DistanceMM	-0.00001	0.000034	-0.00007	0.00006
DistToRailwayStation	0.00001	0.000083	-0.00015	0.00017
DIST_PubPrimSch	-0.00005	0.000049	-0.00015	0.00004
NearestHighSch	-0.00007	0.000039	-0.00015	0.00000
Distance_to_AqCentre	-0.00031	0.000182	-0.00067	0.00004
Distance_to_Clink	0.00030	0.000119	0.00007	0.00054
Dist_to_CSUni	0.00000	0.000040	-0.00008	0.00008
MinParkDist	-0.00002	0.000044	-0.00011	0.00006
ComHealthCentre	0.00005	0.000048	-0.00005	0.00014
Closest_petrol	0.00002	0.000034	-0.00005	0.00009
NearestFastFood	-0.00009	0.000069	-0.00022	0.00005
NearestSGrocShop	0.00018	0.000088	0.00001	0.00035
Dummy_2000	-0.45978	1430237.461370	-2803214.37347	2803213.45392
Dummy_2005	-0.20758	1430237.461370	-2803214.12128	2803213.70611
Dummy_2010	0.00000	1430237.461370		
Dummy_2015	0.45150	0.032176	0.38844	0.51457
Dummy_2019	0.51120	0.030946	0.45055	0.57185

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Estimated Equation

Log_10_Sale_Price =

$$5.07695223650479 + 1.43456947934571E-05 * \text{Block_area_sqm} - 0.000276617649369104 * \text{House_area_sqm} + 0.00127220642159887 * \text{House_Floor_area_sqm} + 0.13582260182353 * \text{Bedrooms} - 0.0127657020483024 * \text{Bathrooms} + 0.0413300488720288 * \text{Car_Spaces} - 7.2734810202612E-06 * \text{DistanceMM} + 9.55355524717102E-06 * \text{DistToRailwayStation} - 5.33907752726858E-05 * \text{DIST_PubPrimSch} - 7.37156630976493E-05 * \text{NearestHighSch} - 0.000312913015638447 * \text{Distance_to_AqCentre} + 0.000303733778700317 * \text{Distance_to_Clink} - 1.66045511563653E-06 * \text{Dist_to_CSUni} - 2.469797412177E-05 * \text{MinParkDist} + 4.67118240359782E-05 * \text{ComHealthCentre} + 1.97312073236757E-05 * \text{Closest_petrol} - 8.91868375678558E-05 * \text{NearestFastFood} + 0.000180944529148197 * \text{NearestSGrocShop} - 0.459776722589884 * \text{Dummy_2000} - 0.20758443829714 * \text{Dummy_2005} + 0 * \text{Dummy_2010} + 0.451504969140742 * \text{Dummy_2015} + 0.511201873726261 * \text{Dummy_2019}$$

Analysis of Variance

Source	DF	R ²	Sum of Squares	Mean Square	F-Ratio	Prob Level
Intercept	1		20294.11	20294.11		
Model	23	0.5026	60.72	2.64	38.479	0.0000
Error	876	0.4974	60.10	0.07		
Total(Adjusted)	899	1.0000	120.83	0.13		

PRESS Report

Parameter	From PRESS Residuals	From Regular Residuals
Sum of Squared Residuals	83.69	60.10
Sum of Residuals	211.69	206.44
R ²	0.3073	0.5026

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Normality Tests

Test Name	Test Statistic to Test H0: Normal	Prob Level	Reject H0 at 20%?
Shapiro Wilk	0.974	0.0000	Yes
Anderson Darling	3.448	0.0000	Yes
D'Agostino Skewness	-9.247	0.0000	Yes
D'Agostino Kurtosis	6.126	0.0000	Yes
D'Agostino Omnibus	123.038	0.0000	Yes

Serial Correlation of Residuals

Lag	Serial Correlation	Lag	Serial Correlation	Lag	Serial Correlation
1	0.0423	9	0.0789	17	-0.0569
2	0.0040	10	0.0906	18	-0.0362
3	0.0047	11	0.0168	19	-0.0351
4	0.0031	12	0.0091	20	0.0124
5	0.0273	13	-0.0273	21	0.0610
6	-0.0087	14	-0.0108	22	-0.0176
7	-0.0007	15	0.0389	23	-0.0649
8	-0.0408	16	-0.0037	24	-0.0173

Above serial correlations are significant if their absolute values are greater than 0.0667.

Durbin-Watson Test For Serial Correlation

Parameter	Test Statistic to Test H0: $\rho(1) = 0$?	Reject H0 at 20%?
Durbin-Watson Value	1.914	
Prob. Level: Positive Serial Correlation	0.4791	No
Prob. Level: Negative Serial Correlation	0.5083	No

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R² Report

Independent Variable (IV)	Total R ² for this IV and IV's Above	Increase in R ² if this IV Included with IV's Above	Decrease in R ² if this IV was Removed	R ² if this IV was Fit Alone	Partial R ² if Adjusted for All Other IV's
Block_area_sqm	0.0213	0.0213	0.0003	0.0213	0.0005
House_area_sqm	0.0335	0.0122	0.0002	0.0160	0.0005
House_Floor_area_sqm	0.0779	0.0444	0.0059	0.0691	0.0117
Bedrooms	0.1771	0.0992	0.0591	0.1357	0.1062
Bathrooms	0.1771	0.0000	0.0002	0.0180	0.0003
Car_Spaces	0.1959	0.0188	0.0086	0.0696	0.0170
DistanceMM	0.2104	0.0145	0.0000	0.0451	0.0001
DistToRailwayStation	0.2124	0.0020	0.0000	0.0041	0.0000
DIST_PubPrimSch	0.2146	0.0022	0.0008	0.0130	0.0016
NearestHighSch	0.2171	0.0025	0.0025	0.0006	0.0050
Distance_to_AqCentre	0.2208	0.0036	0.0019	0.0098	0.0038
Distance_to_Clink	0.2257	0.0049	0.0043	0.0054	0.0085
Dist_to_CSUni	0.2258	0.0001	0.0000	0.0364	0.0000
MinParkDist	0.2358	0.0100	0.0002	0.0022	0.0004
ComHealthCentre	0.2368	0.0010	0.0006	0.0001	0.0013
Closest_petrol	0.2377	0.0009	0.0002	0.0433	0.0005
NearestFastFood	0.2377	0.0000	0.0011	0.0011	0.0023
NearestSGrocShop	0.2387	0.0010	0.0029	0.0366	0.0057
Dummy_2000	0.2424	0.0037	0.1117	0.0076	0.1833
Dummy_2005	0.2652	0.0229	0.0232	0.0001	0.0447
Dummy_2010	0.0000	0.0000	0.0000	0.0247	0.0000
Dummy_2015	0.3142	0.0490	0.1354	0.0494	0.2140
Dummy_2019	0.5026	0.1883	0.1883	0.0790	0.2746

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Variable Omission Report

Independent Variable	R ² When I.V. Omitted	MSE When I.V. Omitted	Mallow's Cp When I.V. Omitted	H0: $\beta(i)=0$ Prob Level	R ² of Regress. of This I.V. on Other I.V.'s
Full Model	0.5026	0.07			
Block_area_sqm	0.5023	0.07	22.462	0.4969	0.2405
House_area_sqm	0.5023	0.07	22.403	0.5256	0.1325
House_Floor_area_sqm	0.4967	0.07	32.408	0.0013	0.2326
Bedrooms	0.4434	0.08	126.114	0.0000	0.2227
Bathrooms	0.5024	0.07	22.270	0.6037	0.1707
Car_Spaces	0.4939	0.07	37.193	0.0001	0.1641
DistanceMM	0.5025	0.07	22.056	0.8128	0.8428
DistToRailwayStation	0.5026	0.07	22.016	0.9007	0.9870
DIST_PubPrimSch	0.5017	0.07	23.436	0.2311	0.9437
NearestHighSch	0.5001	0.07	26.395	0.0363	0.8627
Distance_to_AqCentre	0.5007	0.07	25.361	0.0671	0.9933
Distance_to_Clink	0.4983	0.07	29.548	0.0061	0.9878
Dist_to_CSUni	0.5026	0.07	22.002	0.9636	0.9674
MinParkDist	0.5024	0.07	22.374	0.5412	0.9002
ComHealthCentre	0.5019	0.07	23.129	0.2884	0.9584
Closest_petrol	0.5023	0.07	22.407	0.5238	0.6057
NearestFastFood	0.5014	0.07	24.009	0.1567	0.9585
NearestSGrocShop	0.4997	0.07	27.021	0.0253	0.9672
Dummy_2000	0.3909	0.08	218.635	0.0000	0.6908
Dummy_2005	0.4793	0.07	62.942	0.0000	0.6369
Dummy_2010	0.5026	0.07	22.000	1.0000	
Dummy_2015	0.3671	0.09	260.473	0.0000	0.2693
Dummy_2019	0.3142	0.09	353.647	0.0000	0.2754

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Sum of Squares and Correlations

Independent Variable	Sequential Sum of Squares	Incremental Sum of Squares	Last Sum of Squares	Simple Correlation	Partial Correlation
Block_area_sqm	2.57	2.57	0.03	0.1459	0.0230
House_area_sqm	4.05	1.47	0.03	0.1265	-0.0214
House_Floor_area_sqm	9.42	5.37	0.71	0.2629	0.1084
Bedrooms	21.40	11.98	7.14	0.3684	0.3259
Bathrooms	21.40	0.00	0.02	0.1340	-0.0175
Car_Spaces	23.67	2.27	1.04	0.2639	0.1306
DistanceMM	25.42	1.75	0.00	0.2125	-0.0080
DistToRailwayStation	25.67	0.25	0.00	0.0641	0.0042
DIST_PubPrimSch	25.93	0.26	0.10	-0.1142	-0.0405
NearestHighSch	26.24	0.31	0.30	-0.0252	-0.0707
Distance_to_AqCentre	26.67	0.44	0.23	0.0991	-0.0618
Distance_to_Clink	27.27	0.60	0.52	0.0733	0.0924
Dist_to_CSUni	27.28	0.01	0.00	0.1909	-0.0015
MinParkDist	28.50	1.21	0.03	0.0471	-0.0206
ComHealthCentre	28.62	0.12	0.08	-0.0086	0.0359
Closest_petrol	28.72	0.11	0.03	0.2081	0.0215
NearestFastFood	28.72	0.00	0.14	0.0328	-0.0478
NearestSGrocShop	28.84	0.12	0.34	0.1913	0.0755
Dummy_2000	29.29	0.44	13.49	-0.0870	-0.4282
Dummy_2005	32.05	2.76	2.81	-0.0117	-0.2113
Dummy_2010	0.00	0.00	0.00	0.1573	0.0000
Dummy_2015	37.97	5.92	16.36	0.2224	0.4626
Dummy_2019	60.72	22.75	22.75	0.2811	0.5240

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Sequential Models Report

Independent Variable	Included R ²	Included F-Ratio	Included Prob Level	Omitted R ²	Omitted F-Ratio	Omitted Prob Level
Block_area_sqm	0.0213	19.542	0.0000	0.4813	38.524	0.0000
House_area_sqm	0.0335	15.542	0.0000	0.4691	39.336	0.0000
House_Floor_area_sqm	0.0779	25.244	0.0000	0.4246	37.389	0.0000
Bedrooms	0.1771	48.163	0.0000	0.3254	30.163	0.0000
Bathrooms	0.1771	38.489	0.0000	0.3254	31.838	0.0000
Car_Spaces	0.1959	36.267	0.0000	0.3066	31.764	0.0000
DistanceMM	0.2104	33.959	0.0000	0.2921	32.155	0.0000
DistToRailwayStation	0.2124	30.044	0.0000	0.2901	34.060	0.0000
DIST_PubPrimSch	0.2146	27.022	0.0000	0.2880	36.221	0.0000
NearestHighSch	0.2171	24.658	0.0000	0.2854	38.664	0.0000
Distance_to_AqCentre	0.2208	22.869	0.0000	0.2818	41.356	0.0000
Distance_to_Clink	0.2257	21.545	0.0000	0.2769	44.325	0.0000
Dist_to_CSUni	0.2258	19.877	0.0000	0.2768	48.739	0.0000
MinParkDist	0.2358	19.509	0.0000	0.2667	52.191	0.0000
ComHealthCentre	0.2368	18.289	0.0000	0.2657	58.494	0.0000
Closest_petrol	0.2377	17.210	0.0000	0.2648	66.629	0.0000
NearestFastFood	0.2377	16.180	0.0000	0.2648	77.732	0.0000
NearestSGrocShop	0.2387	15.348	0.0000	0.2638	92.926	0.0000
Dummy_2000	0.2424	14.817	0.0000	0.2602	114.549	0.0000
Dummy_2005	0.2652	15.866	0.0000	0.2373	139.309	0.0000
Dummy_2010	0.0000	0.000	1.0000	0.5026	442.514	0.0000
Dummy_2015	0.3142	18.267	0.0000	0.1883	331.647	0.0000
Dummy_2019	0.5026	38.479	0.0000	0.0000		

Notes

1. INCLUDED variables are those listed from current row up (includes current row).
2. OMITTED variables are those listed below (but not including) this row.

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Multicollinearity Report

Independent Variable	Variance Inflation Factor	R ² Versus Other I.V.'s	Tolerance	Diagonal of X'X Inverse
Block_area_sqm	1.3167	0.2405	0.7595	6.49212214925917E-09
House_area_sqm	1.1527	0.1325	0.8675	2.76634076007362E-06
House_Floor_area_sqm	1.3030	0.2326	0.7674	2.26641777438929E-06
Bedrooms	1.2864	0.2227	0.7773	0.00258248076239575
Bathrooms	1.2058	0.1707	0.8293	0.00880904009142093
Car_Spaces	1.1963	0.1641	0.8359	0.00163868601995168
DistanceMM	6.3604	0.8428	0.1572	1.37361613447191E-08
DistToRailwayStation	76.9257	0.9870	0.0130	8.54026296111527E-08
DIST_PubPrimSch	17.7771	0.9437	0.0563	2.89311280356181E-08
NearestHighSch	7.2814	0.8627	0.1373	1.80220458504252E-08
Distance_to_AqCentre	149.4901	0.9933	0.0067	4.24637523932341E-07
Distance_to_Clink	81.9381	0.9878	0.0122	1.78135121295536E-07
Dist_to_CSUni	30.6647	0.9674	0.0326	1.9298359378117E-08
MinParkDist	10.0230	0.9002	0.0998	2.37995366193953E-08
ComHealthCentre	24.0178	0.9584	0.0416	2.8178404937089E-08
Closest_petrol	2.5364	0.6057	0.3943	1.39521246327452E-08
NearestFastFood	24.0757	0.9585	0.0415	5.76959415330323E-08
NearestSGrocShop	30.5185	0.9672	0.0328	9.50363446454663E-08
Dummy_2000	3.2346	0.6908	0.3092	0.0156687281209725
Dummy_2005	2.7541	0.6369	0.3631	0.0153399211555347
Dummy_2010	0.0000			0
Dummy_2015	1.3685	0.2693	0.7307	0.0124591103008447
Dummy_2019	1.3800	0.2754	0.7246	0.0114844396198222

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1	4.230	4.555	-0.325	7.672	1.0000
2	5.114	4.585	0.529	10.335	0.7120
3	5.190	4.811	0.379	7.305	0.9924
4	4.860	4.738	0.122	2.515	1.0000
5	5.130	4.958	0.172	3.358	1.0000
6	4.255	4.286	-0.031	0.723	1.0000
7	4.342	4.463	-0.121	2.785	1.0000
8	4.230	4.445	-0.214	5.070	1.0000
9	4.740	4.255	0.486	10.242	0.7750
10	4.290	4.350	-0.060	1.387	1.0000
11	4.544	4.643	-0.099	2.174	1.0000
12	4.477	4.484	-0.007	0.147	1.0000
13	4.964	4.524	0.439	8.850	0.8566
14	4.653	4.602	0.051	1.100	1.0000
15	4.699	4.630	0.069	1.458	1.0000
16	4.070	4.231	-0.160	3.943	1.0000
17	4.342	4.495	-0.153	3.524	1.0000
18	4.740	4.457	0.283	5.974	1.0000
19	4.602	4.572	0.030	0.652	1.0000
20	4.342	4.234	0.109	2.499	1.0000
21	4.653	4.604	0.049	1.061	1.0000
22	4.000	5.088	-1.088	27.195	0.3459
23	4.602	4.631	-0.029	0.635	1.0000
24	4.301	4.334	-0.033	0.771	1.0000
25	4.643	4.505	0.139	2.990	1.0000
26	4.000	4.488	-0.488	12.198	0.7713
27	4.509	4.532	-0.023	0.512	1.0000
28	4.591	4.464	0.127	2.760	1.0000
29	4.618	4.459	0.159	3.445	1.0000
30	5.000	4.457	0.543	10.863	0.6928
31	4.602	4.482	0.120	2.614	1.0000
32	4.255	4.328	-0.073	1.711	1.0000
33	4.398	4.451	-0.053	1.214	1.0000
34	4.863	4.452	0.411	8.452	0.9154
35	4.954	4.451	0.503	10.159	0.7476
36	4.778	4.488	0.290	6.074	1.0000
37	4.000	4.504	-0.504	12.595	0.7469
38	4.591	4.556	0.035	0.767	1.0000
39	4.556	4.562	-0.006	0.123	1.0000
40	4.580	4.607	-0.027	0.596	1.0000
41	4.146	4.197	-0.050	1.215	1.0000
42	4.875	4.585	0.291	5.959	1.0000
43	5.021	4.619	0.403	8.017	0.9348

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
44	5.161	4.573	0.589	11.407	0.6392
45	4.881	4.674	0.207	4.241	1.0000
46	4.362	4.476	-0.114	2.609	1.0000
47	4.477	4.576	-0.099	2.220	1.0000
48	4.799	4.845	-0.045	0.944	1.0000
49	4.690	4.509	0.182	3.873	1.0000
50	4.217	4.585	-0.368	8.725	1.0000
51	4.398	4.400	-0.002	0.046	1.0000
52	4.079	4.502	-0.423	10.377	0.8889
53	3.845	4.880	-1.035	26.920	0.3635
54	3.929	4.221	-0.292	7.419	1.0000
55	4.484	4.610	-0.125	2.793	1.0000
56	4.623	4.523	0.100	2.158	1.0000
57	4.290	4.569	-0.279	6.492	1.0000
58	3.929	4.233	-0.303	7.720	1.0000
59	4.079	4.614	-0.535	13.105	0.7039
60	4.447	4.626	-0.179	4.020	1.0000
61	4.380	4.551	-0.170	3.889	1.0000
62	4.301	4.388	-0.087	2.033	1.0000
63	4.544	4.638	-0.093	2.057	1.0000
64	4.079	4.289	-0.210	5.137	1.0000
65	4.756	4.649	0.106	2.239	1.0000
66	4.230	4.698	-0.467	11.043	0.8055
67	4.699	4.671	0.028	0.593	1.0000
68	4.643	4.703	-0.060	1.289	1.0000
69	4.531	4.666	-0.135	2.973	1.0000
70	4.301	4.303	-0.002	0.037	1.0000
71	4.477	4.612	-0.135	3.013	1.0000
72	4.243	4.379	-0.136	3.205	1.0000
73	3.778	4.812	-1.034	27.362	0.3640
74	4.362	4.779	-0.418	9.573	0.9012
75	4.415	4.791	-0.376	8.525	0.9998
76	4.735	4.686	0.049	1.042	1.0000
77	4.869	4.537	0.333	6.833	1.0000
78	5.049	4.746	0.303	6.009	1.0000
79	4.439	4.592	-0.153	3.438	1.0000
80	4.690	4.589	0.101	2.162	1.0000
81	4.602	4.428	0.174	3.780	1.0000
82	4.919	4.625	0.294	5.971	1.0000
83	4.544	4.571	-0.026	0.583	1.0000
84	5.093	4.785	0.309	6.058	1.0000
85	4.146	4.337	-0.191	4.596	1.0000
86	4.176	4.640	-0.464	11.118	0.8104

Robust Multiple Regression Report

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Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
87	4.176	4.217	-0.041	0.979	1.0000
88	4.716	4.580	0.136	2.888	1.0000
89	4.362	4.529	-0.167	3.829	1.0000
90	3.845	4.209	-0.364	9.460	1.0000
91	4.505	4.367	0.138	3.070	1.0000
92	4.161	4.372	-0.210	5.051	1.0000
93	3.845	4.309	-0.464	12.066	0.8111
94	4.568	4.428	0.140	3.071	1.0000
95	4.362	4.281	0.081	1.853	1.0000
96	4.342	4.461	-0.119	2.741	1.0000
97	4.447	4.461	-0.014	0.321	1.0000
98	4.796	4.456	0.340	7.090	1.0000
106	4.000	4.229	-0.229	5.720	1.0000
107	4.776	4.514	0.262	5.494	1.0000
110	4.255	4.259	-0.004	0.091	1.0000
111	4.778	4.521	0.257	5.372	1.0000
113	5.255	4.776	0.479	9.121	0.7850
116	4.763	4.660	0.103	2.164	1.0000
117	4.929	4.729	0.201	4.075	1.0000
119	4.940	4.722	0.217	4.402	1.0000
122	4.398	4.606	-0.208	4.740	1.0000
123	4.415	4.606	-0.191	4.336	1.0000
124	4.732	4.638	0.094	1.994	1.0000
125	4.041	4.588	-0.547	13.529	0.6882
126	4.736	4.809	-0.073	1.543	1.0000
127	5.161	4.965	0.196	3.804	1.0000
130	5.114	4.687	0.427	8.348	0.8814
131	5.049	4.811	0.238	4.718	1.0000
133	4.477	4.439	0.038	0.843	1.0000
134	4.544	4.554	-0.010	0.213	1.0000
135	4.699	4.713	-0.014	0.294	1.0000
136	4.940	4.465	0.475	9.614	0.7924
137	4.204	4.838	-0.634	15.084	0.5934
138	4.505	4.647	-0.141	3.140	1.0000
139	4.380	4.787	-0.407	9.296	0.9242
140	4.505	4.783	-0.278	6.166	1.0000
143	4.602	4.475	0.127	2.761	1.0000
144	4.922	4.477	0.445	9.041	0.8456
145	4.672	4.538	0.135	2.880	1.0000
147	4.477	4.665	-0.188	4.201	1.0000
148	4.061	4.677	-0.616	15.173	0.6107
149	4.398	4.507	-0.109	2.486	1.0000
151	4.602	4.560	0.042	0.912	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

Warning: Variable(Dummy_2010) has been zeroed out. Remove it to prevent errors!

Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
152	4.498	4.376	0.122	2.714	1.0000
153	3.699	4.242	-0.543	14.690	0.6925
154	4.820	4.533	0.286	5.941	1.0000
155	4.477	4.517	-0.040	0.891	1.0000
157	4.987	4.673	0.313	6.284	1.0000
160	4.477	4.488	-0.011	0.235	1.0000
161	4.699	4.382	0.317	6.748	1.0000
163	4.978	4.662	0.316	6.353	1.0000
164	4.643	4.377	0.266	5.734	1.0000
166	4.940	4.761	0.179	3.624	1.0000
167	4.699	4.625	0.074	1.583	1.0000
168	4.079	4.656	-0.577	14.139	0.6524
171	4.826	4.574	0.253	5.232	1.0000
172	4.447	4.448	0.000	0.009	1.0000
173	4.301	4.179	0.122	2.826	1.0000
176	4.398	4.455	-0.058	1.308	1.0000
180	4.230	4.526	-0.295	6.979	1.0000
181	4.978	4.853	0.125	2.510	1.0000
184	4.792	4.371	0.421	8.786	0.8937
188	5.143	4.614	0.529	10.279	0.7118
189	4.380	4.497	-0.116	2.658	1.0000
190	4.597	4.713	-0.116	2.529	1.0000
191	4.716	4.618	0.098	2.082	1.0000
192	4.398	4.832	-0.434	9.878	0.8662
198	3.903	4.486	-0.583	14.933	0.6456
200	4.519	4.404	0.114	2.526	1.0000
202	4.255	4.556	-0.301	7.062	1.0000
203	4.477	4.563	-0.086	1.921	1.0000
204	4.477	4.553	-0.076	1.698	1.0000
207	4.398	4.704	-0.306	6.967	1.0000
211	4.568	4.648	-0.080	1.744	1.0000
212	4.813	4.510	0.303	6.291	1.0000
214	4.362	4.588	-0.226	5.186	1.0000
215	4.000	4.673	-0.673	16.820	0.5593
217	4.255	4.495	-0.239	5.623	1.0000
228	4.544	4.378	0.166	3.656	1.0000
230	4.462	4.222	0.241	5.398	1.0000
232	4.940	4.517	0.422	8.546	0.8914
233	4.041	4.512	-0.470	11.638	0.8001
234	4.531	4.382	0.150	3.308	1.0000
236	5.000	4.632	0.368	7.369	1.0000
237	4.544	4.668	-0.124	2.720	1.0000
239	4.477	4.681	-0.204	4.559	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
241	5.161	4.896	0.266	5.150	1.0000
242	4.447	4.874	-0.426	9.587	0.8826
244	4.740	4.715	0.026	0.540	1.0000
246	4.716	4.635	0.081	1.712	1.0000
247	5.011	4.666	0.344	6.870	1.0000
250	4.041	4.313	-0.271	6.712	1.0000
251	4.279	4.328	-0.049	1.146	1.0000
252	4.301	4.512	-0.211	4.903	1.0000
253	4.255	4.492	-0.237	5.565	1.0000
254	4.322	4.408	-0.086	1.980	1.0000
255	4.230	4.294	-0.063	1.499	1.0000
257	4.000	4.260	-0.260	6.490	1.0000
258	4.279	4.594	-0.315	7.356	1.0000
280	4.398	4.429	-0.031	0.699	1.0000
281	4.544	4.557	-0.013	0.284	1.0000
282	4.556	4.675	-0.118	2.600	1.0000
284	4.398	4.577	-0.179	4.076	1.0000
285	4.176	4.711	-0.535	12.807	0.7036
286	4.301	4.550	-0.249	5.795	1.0000
288	4.505	4.438	0.067	1.486	1.0000
290	4.623	4.509	0.114	2.468	1.0000
292	4.799	4.711	0.088	1.843	1.0000
294	4.643	4.526	0.118	2.539	1.0000
295	4.000	4.512	-0.512	12.801	0.7349
296	5.061	4.539	0.522	10.313	0.7210
298	4.778	4.485	0.293	6.142	1.0000
300	4.176	4.249	-0.073	1.743	1.0000
303	4.322	4.625	-0.303	7.007	1.0000
305	4.380	4.370	0.010	0.223	1.0000
306	4.301	4.773	-0.472	10.966	0.7979
309	4.778	4.472	0.306	6.407	1.0000
310	5.111	4.660	0.451	8.825	0.8343
311	4.505	4.778	-0.273	6.066	1.0000
315	5.106	4.493	0.613	12.005	0.6139
317	3.845	4.385	-0.539	14.030	0.6975
318	4.820	4.707	0.112	2.330	1.0000
319	4.633	4.248	0.386	8.328	0.9751
320	3.875	4.383	-0.508	13.118	0.7403
324	4.279	4.531	-0.252	5.896	1.0000
325	4.398	4.647	-0.249	5.664	1.0000
326	5.204	4.649	0.555	10.666	0.6779
327	4.845	4.675	0.170	3.504	1.0000
329	3.829	4.329	-0.500	13.055	0.7527

Robust Multiple Regression Report

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
332	4.505	4.500	0.005	0.108	1.0000
333	4.736	4.801	-0.065	1.364	1.0000
335	4.301	4.525	-0.224	5.211	1.0000
336	4.771	4.528	0.243	5.084	1.0000
337	3.954	4.392	-0.437	11.060	0.8605
338	4.362	4.706	-0.344	7.883	1.0000
341	4.301	4.751	-0.450	10.472	0.8355
342	4.623	4.788	-0.164	3.558	1.0000
347	4.255	4.629	-0.374	8.778	1.0000
348	4.623	4.519	0.104	2.256	1.0000
349	4.940	4.612	0.327	6.623	1.0000
352	5.097	4.929	0.168	3.292	1.0000
353	5.057	4.680	0.377	7.454	0.9983
354	5.398	5.017	0.381	7.051	0.9886
356	4.826	4.370	0.457	9.460	0.8243
357	4.000	4.837	-0.837	20.935	0.4494
358	5.041	4.817	0.224	4.448	1.0000
361	4.342	4.634	-0.292	6.720	1.0000
363	4.886	4.531	0.356	7.282	1.0000
364	4.544	4.387	0.157	3.461	1.0000
365	4.699	4.502	0.197	4.196	1.0000
366	4.544	4.321	0.223	4.914	1.0000
368	5.021	4.637	0.384	7.644	0.9804
369	4.924	4.765	0.159	3.237	1.0000
371	4.519	4.485	0.033	0.736	1.0000
372	4.699	4.214	0.485	10.315	0.7764
374	4.519	4.521	-0.003	0.065	1.0000
375	4.857	4.516	0.342	7.037	1.0000
378	4.648	4.418	0.230	4.946	1.0000
380	4.146	4.229	-0.083	2.001	1.0000
381	4.653	4.724	-0.071	1.521	1.0000
382	4.398	4.476	-0.078	1.783	1.0000
383	4.886	4.626	0.260	5.322	1.0000
387	4.823	4.788	0.035	0.719	1.0000
388	5.398	5.026	0.371	6.882	1.0000
390	5.130	4.801	0.329	6.418	1.0000
392	4.398	4.596	-0.198	4.494	1.0000
393	4.929	4.680	0.250	5.064	1.0000
394	4.653	4.760	-0.107	2.305	1.0000
398	4.000	4.533	-0.533	13.334	0.7055
400	4.869	4.755	0.114	2.344	1.0000
402	4.301	4.669	-0.368	8.566	1.0000
404	5.255	4.522	0.733	13.952	0.5132

Robust Multiple Regression Report

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Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
406	4.914	4.788	0.126	2.558	1.0000
408	5.152	4.729	0.423	8.216	0.8889
410	4.919	4.734	0.185	3.763	1.0000
411	4.053	4.633	-0.580	14.317	0.6485
414	4.792	4.858	-0.066	1.374	1.0000
419	5.230	4.927	0.304	5.810	1.0000
422	4.505	4.740	-0.235	5.221	1.0000
425	4.954	4.647	0.307	6.200	1.0000
429	4.820	4.725	0.095	1.968	1.0000
431	5.161	4.904	0.257	4.980	1.0000
436	5.176	4.821	0.356	6.868	1.0000
441	4.748	4.522	0.226	4.769	1.0000
447	5.041	4.894	0.147	2.919	1.0000
450	5.161	4.955	0.206	3.996	1.0000
451	4.954	4.679	0.275	5.547	1.0000
455	4.813	4.570	0.243	5.049	1.0000
456	4.477	4.728	-0.251	5.607	1.0000
457	4.964	4.955	0.009	0.180	1.0000
458	5.230	5.020	0.211	4.030	1.0000
459	5.161	4.797	0.364	7.054	1.0000
460	4.863	4.632	0.231	4.755	1.0000
464	5.121	4.742	0.379	7.396	0.9936
465	5.079	4.755	0.325	6.391	1.0000
466	4.342	4.637	-0.295	6.783	1.0000
467	4.778	4.780	-0.002	0.041	1.0000
468	4.720	4.672	0.048	1.015	1.0000
469	5.188	5.026	0.161	3.109	1.0000
472	4.954	5.045	-0.090	1.823	1.0000
474	4.778	4.838	-0.059	1.243	1.0000
475	4.826	4.980	-0.153	3.180	1.0000
476	4.763	5.031	-0.267	5.611	1.0000
477	4.929	4.812	0.117	2.381	1.0000
478	5.041	4.871	0.170	3.374	1.0000
479	5.064	4.863	0.201	3.970	1.0000
481	5.114	5.003	0.111	2.171	1.0000
482	5.574	5.311	0.263	4.711	1.0000
483	4.788	5.103	-0.315	6.572	1.0000
484	3.801	5.096	-1.295	34.066	0.2906
485	4.752	5.096	-0.344	7.236	1.0000
486	3.845	5.075	-1.230	31.989	0.3059
487	4.954	4.708	0.246	4.964	1.0000
490	4.398	4.632	-0.235	5.332	1.0000
491	5.104	5.012	0.092	1.808	1.0000

Robust Multiple Regression Report

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Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
492	4.352	4.762	-0.410	9.409	0.9189
493	5.097	4.763	0.334	6.544	1.0000
495	5.435	5.118	0.317	5.828	1.0000
496	4.047	4.616	-0.570	14.077	0.6606
497	4.602	4.820	-0.218	4.743	1.0000
498	4.712	4.776	-0.064	1.356	1.0000
500	4.991	4.784	0.207	4.155	1.0000
502	4.845	4.893	-0.048	0.995	1.0000
503	4.991	4.935	0.056	1.120	1.0000
511	4.944	4.981	-0.036	0.729	1.0000
514	4.813	4.859	-0.046	0.964	1.0000
526	4.447	4.595	-0.148	3.326	1.0000
527	4.602	4.633	-0.030	0.662	1.0000
530	5.130	4.846	0.284	5.540	1.0000
531	4.602	4.805	-0.203	4.409	1.0000
536	5.079	4.745	0.334	6.582	1.0000
539	4.562	4.592	-0.030	0.650	1.0000
542	4.681	4.765	-0.084	1.794	1.0000
544	5.107	4.705	0.402	7.877	0.9354
545	4.431	4.795	-0.364	8.213	1.0000
547	4.431	5.118	-0.687	15.495	0.5480
549	4.699	4.698	0.001	0.024	1.0000
551	4.845	4.796	0.049	1.013	1.0000
555	4.816	4.601	0.216	4.477	1.0000
557	4.857	4.712	0.146	3.000	1.0000
560	4.813	4.655	0.158	3.285	1.0000
562	4.799	4.989	-0.190	3.950	1.0000
565	4.623	4.865	-0.242	5.224	1.0000
566	4.866	4.859	0.008	0.158	1.0000
567	4.778	4.868	-0.090	1.888	1.0000
571	4.857	4.840	0.017	0.350	1.0000
572	4.544	4.948	-0.404	8.895	0.9310
573	4.544	5.261	-0.717	15.782	0.5247
574	5.398	5.217	0.181	3.348	1.0000
575	5.430	5.217	0.213	3.914	1.0000
576	4.875	4.837	0.038	0.777	1.0000
577	5.086	5.035	0.051	1.005	1.0000
578	5.161	4.871	0.290	5.627	1.0000
580	5.130	5.088	0.043	0.833	1.0000
581	5.170	4.996	0.174	3.363	1.0000
587	4.845	5.108	-0.263	5.433	1.0000
588	4.580	4.893	-0.314	6.849	1.0000
591	5.267	4.775	0.492	9.339	0.7650

Robust Multiple Regression Report

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
595	4.763	4.744	0.020	0.414	1.0000
598	4.613	4.722	-0.109	2.371	1.0000
599	4.740	4.885	-0.145	3.057	1.0000
601	5.312	5.234	0.078	1.461	1.0000
602	5.037	5.101	-0.064	1.269	1.0000
605	5.037	4.944	0.093	1.845	1.0000
606	5.243	4.962	0.281	5.353	1.0000
609	4.898	4.757	0.141	2.869	1.0000
610	4.362	4.743	-0.382	8.752	0.9857
611	5.262	4.849	0.413	7.857	0.9101
612	4.301	4.835	-0.534	12.409	0.7051
613	4.833	4.799	0.034	0.695	1.0000
614	4.940	4.818	0.121	2.453	1.0000
619	4.398	4.708	-0.311	7.061	1.0000
620	5.294	5.101	0.193	3.651	1.0000
622	5.210	4.797	0.412	7.910	0.9132
626	4.792	4.727	0.066	1.371	1.0000
630	4.857	4.890	-0.033	0.676	1.0000
632	4.531	4.708	-0.177	3.898	1.0000
633	4.978	4.748	0.230	4.614	1.0000
634	4.301	4.740	-0.439	10.214	0.8566
635	5.114	4.859	0.255	4.984	1.0000
639	4.857	4.786	0.071	1.466	1.0000
642	3.847	4.708	-0.861	22.387	0.4370
645	4.439	4.617	-0.177	3.994	1.0000
650	4.301	4.800	-0.499	11.591	0.7548
655	4.505	4.754	-0.249	5.530	1.0000
657	5.097	4.710	0.387	7.592	0.9724
658	5.137	4.936	0.200	3.901	1.0000
662	4.398	4.929	-0.531	12.070	0.7089
663	4.796	4.715	0.081	1.679	1.0000
664	5.079	4.869	0.210	4.134	1.0000
665	4.628	4.742	-0.113	2.449	1.0000
669	4.740	4.725	0.015	0.316	1.0000
670	4.892	4.734	0.159	3.241	1.0000
671	4.505	4.730	-0.225	4.996	1.0000
676	5.114	5.159	-0.045	0.873	1.0000
678	5.097	4.809	0.288	5.643	1.0000
684	3.699	4.508	-0.809	21.872	0.4651
688	4.903	4.847	0.056	1.149	1.0000
689	4.857	4.921	-0.063	1.303	1.0000
690	4.860	4.870	-0.009	0.191	1.0000
692	4.929	4.772	0.158	3.196	1.0000

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
693	4.352	4.896	-0.544	12.489	0.6923
704	4.544	4.846	-0.302	6.640	1.0000
706	4.690	4.630	0.060	1.278	1.0000
707	4.146	4.831	-0.684	16.508	0.5498
712	4.857	4.967	-0.110	2.257	1.0000
713	4.842	4.890	-0.048	0.981	1.0000
715	4.748	4.754	-0.006	0.123	1.0000
719	5.041	5.008	0.034	0.666	1.0000
722	5.342	4.895	0.447	8.367	0.8418
724	5.097	4.915	0.182	3.568	1.0000
729	5.000	4.829	0.171	3.411	1.0000
733	5.225	4.854	0.372	7.114	1.0000
735	4.477	4.845	-0.368	8.218	1.0000
736	5.114	4.777	0.337	6.590	1.0000
738	4.968	5.046	-0.077	1.554	1.0000
739	4.845	5.068	-0.223	4.598	1.0000
740	4.623	4.866	-0.243	5.252	1.0000
743	5.358	5.225	0.133	2.481	1.0000
744	5.352	5.205	0.147	2.747	1.0000
747	4.591	4.856	-0.265	5.764	1.0000
749	4.778	4.967	-0.189	3.951	1.0000
751	5.175	4.758	0.417	8.061	0.9021
752	4.833	4.907	-0.075	1.545	1.0000
754	4.407	4.783	-0.377	8.549	0.9989
755	4.544	4.726	-0.182	4.005	1.0000
757	4.415	4.786	-0.371	8.404	1.0000
758	4.589	4.995	-0.406	8.848	0.9268
760	5.130	4.785	0.346	6.738	1.0000
761	4.875	4.481	0.394	8.090	0.9541
763	3.544	5.020	-1.476	41.633	0.2550
765	4.740	4.958	-0.217	4.583	1.0000
767	4.767	4.889	-0.122	2.559	1.0000
770	5.079	4.875	0.204	4.013	1.0000
773	5.061	5.119	-0.058	1.152	1.0000
782	5.090	4.995	0.095	1.860	1.0000
785	4.826	4.700	0.126	2.615	1.0000
786	4.477	4.665	-0.188	4.193	1.0000
787	4.892	4.743	0.149	3.052	1.0000
788	4.740	4.693	0.048	1.009	1.0000
795	5.301	5.067	0.234	4.414	1.0000
797	4.204	4.563	-0.358	8.525	1.0000
798	4.813	4.803	0.010	0.207	1.0000
799	4.663	4.894	-0.231	4.956	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
803	4.839	4.654	0.185	3.826	1.0000
805	5.070	4.776	0.294	5.807	1.0000
806	4.602	4.837	-0.235	5.107	1.0000
807	5.031	4.632	0.400	7.945	0.9413
809	3.862	4.566	-0.704	18.234	0.5344
811	4.903	4.729	0.174	3.557	1.0000
813	4.663	4.656	0.007	0.149	1.0000
817	4.477	4.784	-0.307	6.850	1.0000
818	4.176	4.718	-0.542	12.970	0.6948
819	4.699	4.843	-0.144	3.065	1.0000
820	4.989	4.841	0.148	2.972	1.0000
821	5.097	5.011	0.086	1.678	1.0000
824	4.763	4.902	-0.138	2.904	1.0000
826	4.591	4.767	-0.176	3.833	1.0000
833	4.568	4.817	-0.249	5.444	1.0000
835	5.000	4.944	0.056	1.110	1.0000
841	4.826	4.894	-0.067	1.398	1.0000
845	4.991	4.735	0.256	5.133	1.0000
852	4.519	4.651	-0.132	2.923	1.0000
853	4.699	4.656	0.042	0.904	1.0000
855	5.204	4.838	0.366	7.037	1.0000
857	4.886	4.846	0.040	0.822	1.0000
859	4.752	4.961	-0.209	4.392	1.0000
861	4.929	4.963	-0.034	0.691	1.0000
864	4.844	4.846	-0.001	0.030	1.0000
868	4.681	4.976	-0.294	6.290	1.0000
870	4.732	4.956	-0.224	4.730	1.0000
871	5.204	4.906	0.298	5.722	1.0000
875	4.875	4.897	-0.022	0.455	1.0000
877	4.176	4.700	-0.523	12.534	0.7189
878	5.255	4.927	0.328	6.250	1.0000
881	4.176	4.560	-0.384	9.192	0.9803
883	5.362	5.110	0.252	4.700	1.0000
884	4.949	5.101	-0.151	3.055	1.0000
885	4.964	5.015	-0.052	1.040	1.0000
887	5.312	4.684	0.628	11.814	0.5996
889	4.732	4.888	-0.156	3.294	1.0000
890	5.176	4.474	0.702	13.566	0.5359
895	3.954	4.696	-0.742	18.771	0.5070
898	4.699	4.783	-0.084	1.790	1.0000
902	4.342	4.694	-0.351	8.088	1.0000
903	5.204	5.014	0.190	3.651	1.0000
904	4.792	4.713	0.079	1.649	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
906	4.929	4.942	-0.013	0.256	1.0000
908	4.519	4.810	-0.292	6.457	1.0000
909	5.051	5.133	-0.082	1.625	1.0000
910	5.146	5.023	0.123	2.388	1.0000
912	5.322	5.027	0.296	5.554	1.0000
914	4.778	5.040	-0.262	5.478	1.0000
917	5.000	4.871	0.129	2.572	1.0000
918	4.804	4.703	0.102	2.123	1.0000
920	4.978	4.841	0.137	2.744	1.0000
921	5.161	4.868	0.293	5.681	1.0000
922	4.716	4.682	0.034	0.728	1.0000
923	5.000	4.834	0.166	3.314	1.0000
924	5.061	4.855	0.206	4.066	1.0000
926	4.914	4.852	0.062	1.257	1.0000
928	4.792	4.986	-0.193	4.032	1.0000
929	5.270	5.177	0.092	1.748	1.0000
930	5.431	4.921	0.510	9.396	0.7373
931	4.301	4.780	-0.479	11.138	0.7855
932	4.845	4.953	-0.108	2.235	1.0000
935	5.267	4.925	0.342	6.492	1.0000
936	5.431	5.223	0.208	3.837	1.0000
939	4.778	4.795	-0.017	0.352	1.0000
941	4.903	5.078	-0.175	3.573	1.0000
944	5.279	4.572	0.707	13.388	0.5325
951	4.748	4.774	-0.026	0.543	1.0000
952	4.826	4.815	0.011	0.223	1.0000
953	4.826	4.772	0.054	1.118	1.0000
954	5.204	4.768	0.436	8.386	0.8622
956	5.079	4.989	0.091	1.784	1.0000
957	4.954	4.774	0.180	3.632	1.0000
958	4.892	4.728	0.164	3.354	1.0000
959	4.342	4.589	-0.247	5.682	1.0000
960	5.114	4.963	0.151	2.949	1.0000
961	4.875	4.827	0.048	0.988	1.0000
965	4.380	4.617	-0.237	5.410	1.0000
966	4.929	4.914	0.016	0.315	1.0000
973	4.477	5.030	-0.552	12.338	0.6812
974	4.895	5.015	-0.120	2.446	1.0000
975	5.061	5.162	-0.101	2.005	1.0000
976	4.741	4.940	-0.199	4.193	1.0000
978	4.792	4.752	0.041	0.846	1.0000
981	5.574	5.194	0.380	6.817	0.9904
984	4.352	4.882	-0.529	12.166	0.7107

Robust Multiple Regression Report

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Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
985	3.602	4.905	-1.303	36.184	0.2887
986	5.170	4.878	0.293	5.662	1.0000
992	4.929	4.919	0.010	0.205	1.0000
996	4.875	5.004	-0.129	2.636	1.0000
998	4.978	5.042	-0.065	1.301	1.0000
1002	4.863	4.824	0.040	0.816	1.0000
1003	5.031	4.805	0.226	4.500	1.0000
1006	4.398	4.717	-0.319	7.244	1.0000
1007	3.903	4.972	-1.069	27.378	0.3521
1011	4.748	4.957	-0.209	4.407	1.0000
1014	5.398	5.082	0.316	5.852	1.0000
1018	5.243	5.051	0.192	3.670	1.0000
1019	5.000	5.017	-0.017	0.346	1.0000
1020	4.978	5.159	-0.181	3.633	1.0000
1024	5.398	5.239	0.159	2.941	1.0000
1029	5.176	5.212	-0.036	0.695	1.0000
1030	5.000	4.815	0.185	3.691	1.0000
1033	4.653	5.020	-0.367	7.884	1.0000
1039	4.875	4.942	-0.067	1.372	1.0000
1041	5.204	5.085	0.119	2.296	1.0000
1042	5.322	5.053	0.269	5.053	1.0000
1045	4.653	5.033	-0.380	8.168	0.9901
1047	4.544	4.969	-0.425	9.350	0.8856
1048	4.954	5.001	-0.047	0.943	1.0000
1049	4.740	4.806	-0.066	1.391	1.0000
1050	4.919	4.887	0.032	0.643	1.0000
1052	5.243	4.915	0.328	6.255	1.0000
1055	4.929	4.887	0.043	0.863	1.0000
1059	5.491	5.302	0.189	3.446	1.0000
1063	4.929	5.127	-0.197	4.006	1.0000
1064	5.332	5.158	0.174	3.262	1.0000
1065	5.352	5.260	0.093	1.731	1.0000
1066	4.978	5.093	-0.115	2.314	1.0000
1067	4.813	4.982	-0.169	3.517	1.0000
1068	4.602	4.649	-0.047	1.029	1.0000
1070	4.929	4.797	0.133	2.692	1.0000
1071	5.161	4.950	0.212	4.101	1.0000
1073	5.358	5.215	0.143	2.674	1.0000
1074	5.255	5.071	0.184	3.499	1.0000
1078	5.290	4.983	0.308	5.813	1.0000
1079	5.255	5.156	0.099	1.884	1.0000
1087	4.903	4.773	0.130	2.653	1.0000
1089	4.978	4.948	0.030	0.596	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1090	4.778	4.922	-0.144	3.013	1.0000
1091	5.212	5.116	0.096	1.846	1.0000
1092	5.290	5.207	0.083	1.570	1.0000
1094	5.279	5.114	0.165	3.120	1.0000
1096	4.987	4.941	0.046	0.915	1.0000
1101	5.401	5.224	0.177	3.282	1.0000
1103	5.161	5.042	0.119	2.306	1.0000
1106	4.477	4.690	-0.213	4.756	1.0000
1110	5.114	4.999	0.115	2.239	1.0000
1111	4.602	5.014	-0.412	8.947	0.9139
1112	5.000	4.925	0.075	1.505	1.0000
1114	5.217	5.141	0.077	1.474	1.0000
1115	4.978	5.162	-0.184	3.701	1.0000
1118	5.389	5.037	0.352	6.534	1.0000
1119	4.903	5.056	-0.153	3.124	1.0000
1121	5.255	4.980	0.275	5.235	1.0000
1123	5.588	5.387	0.201	3.595	1.0000
1124	5.190	4.816	0.375	7.218	1.0000
1126	4.740	4.962	-0.222	4.677	1.0000
1127	4.875	4.927	-0.052	1.057	1.0000
1128	5.041	5.190	-0.148	2.942	1.0000
1129	4.699	5.054	-0.355	7.553	1.0000
1130	5.248	4.936	0.312	5.939	1.0000
1131	5.086	5.122	-0.036	0.701	1.0000
1133	4.949	5.055	-0.106	2.143	1.0000
1135	5.130	5.221	-0.090	1.763	1.0000
1139	5.447	5.027	0.420	7.705	0.8966
1141	4.845	4.735	0.110	2.263	1.0000
1144	4.982	4.976	0.006	0.117	1.0000
1147	5.362	5.225	0.137	2.550	1.0000
1148	5.720	5.183	0.537	9.384	0.7010
1150	4.544	4.774	-0.230	5.052	1.0000
1151	4.845	4.890	-0.045	0.932	1.0000
1154	4.477	4.980	-0.503	11.226	0.7487
1157	4.934	5.165	-0.230	4.662	1.0000
1159	5.114	5.111	0.003	0.054	1.0000
1163	4.845	5.058	-0.213	4.393	1.0000
1165	4.568	4.976	-0.408	8.935	0.9219
1168	5.114	4.958	0.156	3.053	1.0000
1169	5.114	5.152	-0.038	0.741	1.0000
1172	5.613	5.259	0.353	6.295	1.0000
1174	4.748	5.091	-0.343	7.223	1.0000
1176	5.204	5.107	0.097	1.857	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1179	4.740	5.089	-0.348	7.345	1.0000
1181	5.371	5.098	0.273	5.077	1.0000
1183	5.190	5.088	0.102	1.968	1.0000
1185	5.491	5.285	0.206	3.756	1.0000
1186	5.217	5.159	0.059	1.125	1.0000
1187	5.161	5.166	-0.005	0.091	1.0000
1190	4.740	4.695	0.046	0.965	1.0000
1191	4.531	4.889	-0.358	7.897	1.0000
1192	4.602	4.988	-0.386	8.394	0.9742
1193	4.848	5.240	-0.392	8.088	0.9597
1194	4.903	4.929	-0.026	0.527	1.0000
1195	5.238	4.953	0.285	5.445	1.0000
1202	5.312	5.343	-0.031	0.591	1.0000
1203	4.978	5.176	-0.199	3.989	1.0000
1204	4.097	4.584	-0.487	11.883	0.7729
1205	5.439	4.896	0.543	9.981	0.6931
1206	4.845	4.894	-0.049	1.005	1.0000
1207	4.462	4.886	-0.423	9.488	0.8888
1212	4.653	4.810	-0.156	3.363	1.0000
1215	4.813	5.106	-0.293	6.080	1.0000
1216	5.371	5.069	0.302	5.616	1.0000
1217	5.061	4.784	0.276	5.462	1.0000
1219	5.362	5.122	0.239	4.466	1.0000
1221	4.903	4.968	-0.065	1.317	1.0000
1225	5.011	5.061	-0.051	1.009	1.0000
1226	5.602	4.972	0.630	11.255	0.5968
1227	5.190	5.149	0.041	0.796	1.0000
1228	5.204	4.934	0.270	5.191	1.0000
1230	4.301	4.778	-0.477	11.094	0.7886
1234	5.255	5.094	0.161	3.059	1.0000
1235	5.279	5.244	0.035	0.661	1.0000
1236	5.407	5.141	0.265	4.904	1.0000
1237	5.000	4.949	0.051	1.013	1.0000
1240	5.322	5.417	-0.095	1.779	1.0000
1241	5.505	5.192	0.313	5.683	1.0000
1242	5.512	5.192	0.320	5.798	1.0000
1243	4.857	5.340	-0.483	9.937	0.7796
1244	5.000	5.330	-0.330	6.604	1.0000
1247	4.544	4.832	-0.288	6.331	1.0000
1248	4.892	4.976	-0.084	1.720	1.0000
1250	5.362	4.936	0.426	7.941	0.8838
1254	5.250	5.105	0.145	2.765	1.0000
1257	4.978	5.145	-0.167	3.354	1.0000

Robust Multiple Regression Report

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Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1269	5.061	5.051	0.010	0.193	1.0000
1270	5.352	5.157	0.196	3.653	1.0000
1271	5.407	5.031	0.375	6.943	1.0000
1272	4.477	5.001	-0.523	11.692	0.7189
1276	4.398	4.659	-0.261	5.944	1.0000
1277	4.919	4.879	0.040	0.806	1.0000
1280	5.021	4.779	0.243	4.831	1.0000
1281	5.296	5.200	0.095	1.800	1.0000
1284	4.398	4.711	-0.313	7.111	1.0000
1285	4.602	4.787	-0.185	4.028	1.0000
1287	4.301	5.106	-0.805	18.718	0.4674
1290	5.396	5.217	0.179	3.320	1.0000
1292	5.491	5.198	0.293	5.341	1.0000
1302	5.238	5.219	0.019	0.371	1.0000
1303	5.161	5.177	-0.016	0.307	1.0000
1305	4.740	4.902	-0.162	3.408	1.0000
1306	5.021	5.005	0.016	0.317	1.0000
1308	4.954	5.059	-0.105	2.110	1.0000
1310	4.778	5.068	-0.290	6.064	1.0000
1311	5.097	5.001	0.096	1.880	1.0000
1313	5.097	4.927	0.170	3.328	1.0000
1315	5.079	5.327	-0.248	4.874	1.0000
1316	5.276	5.063	0.213	4.043	1.0000
1317	5.130	5.091	0.039	0.761	1.0000
1318	5.332	5.182	0.151	2.827	1.0000
1321	5.407	5.081	0.325	6.018	1.0000
1324	5.183	4.933	0.250	4.831	1.0000
1325	5.389	5.245	0.144	2.667	1.0000
1326	4.996	4.746	0.249	4.990	1.0000
1329	4.000	4.665	-0.665	16.633	0.5656
1332	4.342	5.167	-0.825	18.996	0.4562
1334	5.000	5.186	-0.186	3.713	1.0000
1336	5.161	5.161	0.001	0.011	1.0000
1338	4.623	4.778	-0.155	3.356	1.0000
1340	4.431	5.054	-0.623	14.052	0.6043
1342	5.362	5.396	-0.034	0.639	1.0000
1346	4.929	4.979	-0.050	1.016	1.0000
1351	4.778	4.852	-0.074	1.545	1.0000
1352	5.255	5.036	0.219	4.171	1.0000
1355	4.778	4.981	-0.203	4.247	1.0000
1357	4.740	4.952	-0.211	4.455	1.0000
1359	5.283	5.142	0.141	2.669	1.0000
1360	4.989	5.060	-0.071	1.416	1.0000

Robust Multiple Regression Report

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Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1361	4.699	5.051	-0.352	7.499	1.0000
1362	5.431	5.197	0.234	4.317	1.0000
1363	4.699	5.019	-0.320	6.816	1.0000
1365	5.190	5.165	0.026	0.497	1.0000
1367	5.283	4.975	0.308	5.835	1.0000
1374	5.146	4.932	0.214	4.153	1.0000
1377	5.465	5.429	0.036	0.662	1.0000
1380	5.176	4.928	0.248	4.786	1.0000
1382	5.512	5.154	0.358	6.489	1.0000
1383	5.233	5.188	0.044	0.850	1.0000
1385	5.182	5.301	-0.119	2.297	1.0000
1386	5.114	5.106	0.007	0.146	1.0000
1387	5.176	5.060	0.116	2.235	1.0000
1388	4.944	4.996	-0.052	1.043	1.0000
1389	4.544	4.907	-0.363	7.980	1.0000
1395	5.176	5.032	0.144	2.786	1.0000
1396	5.362	5.408	-0.046	0.862	1.0000
1400	5.121	5.321	-0.201	3.916	1.0000
1405	5.243	5.016	0.227	4.330	1.0000
1406	5.398	4.980	0.418	7.748	0.8997
1407	5.301	5.187	0.114	2.157	1.0000
1408	5.249	5.138	0.111	2.121	1.0000
1411	5.371	5.228	0.143	2.658	1.0000
1413	4.799	4.801	-0.002	0.041	1.0000
1414	5.114	4.998	0.116	2.270	1.0000
1416	4.602	5.239	-0.637	13.831	0.5912
1418	5.041	4.886	0.155	3.074	1.0000
1419	5.146	5.455	-0.309	6.007	1.0000
1426	5.000	5.020	-0.020	0.402	1.0000
1427	4.114	4.692	-0.578	14.043	0.6514
1430	5.296	5.066	0.230	4.340	1.0000
1431	4.278	4.755	-0.477	11.151	0.7889
1433	4.991	5.393	-0.402	8.056	0.9359
1439	4.778	5.031	-0.252	5.284	1.0000
1440	4.903	5.072	-0.169	3.453	1.0000
1441	4.602	4.760	-0.158	3.440	1.0000
1442	5.152	5.148	0.005	0.088	1.0000
1444	5.204	5.115	0.089	1.712	1.0000
1446	5.498	5.364	0.134	2.446	1.0000
1448	5.290	5.215	0.075	1.424	1.0000
1451	5.079	5.040	0.039	0.768	1.0000
1452	4.964	4.978	-0.014	0.279	1.0000
1455	4.623	5.166	-0.543	11.744	0.6930

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1457	4.903	4.885	0.018	0.362	1.0000
1458	4.929	4.907	0.022	0.456	1.0000
1461	5.204	5.189	0.015	0.282	1.0000
1469	5.041	5.172	-0.130	2.585	1.0000
1470	5.267	5.197	0.070	1.331	1.0000
1472	5.763	5.280	0.483	8.386	0.7786
1473	4.875	5.052	-0.177	3.634	1.0000
1477	5.097	5.037	0.059	1.166	1.0000
1479	5.230	4.985	0.246	4.699	1.0000
1480	4.957	4.973	-0.017	0.335	1.0000
1483	4.892	5.002	-0.110	2.243	1.0000
1485	5.217	5.004	0.214	4.093	1.0000
1487	5.061	4.943	0.117	2.318	1.0000
1489	5.491	5.055	0.437	7.951	0.8619
1490	5.380	4.955	0.425	7.903	0.8850
1491	4.845	4.813	0.032	0.668	1.0000
1496	4.954	4.850	0.104	2.096	1.0000
1498	5.161	5.299	-0.137	2.661	1.0000
1500	4.602	4.978	-0.375	8.159	1.0000
1502	5.000	5.200	-0.200	3.996	1.0000
1503	5.173	5.363	-0.189	3.660	1.0000
1504	5.267	5.116	0.151	2.867	1.0000
1505	5.519	4.975	0.543	9.842	0.6929
1507	5.498	5.264	0.234	4.262	1.0000
1512	5.884	5.034	0.850	14.441	0.4429
1514	4.845	4.913	-0.068	1.411	1.0000
1516	4.978	5.056	-0.078	1.567	1.0000
1517	5.176	4.973	0.203	3.917	1.0000
1518	5.124	5.384	-0.260	5.082	1.0000
1519	5.146	5.069	0.077	1.505	1.0000
1520	4.602	5.259	-0.657	14.274	0.5728
1522	5.041	4.965	0.076	1.512	1.0000
1528	5.398	5.181	0.217	4.022	1.0000
1529	4.869	5.077	-0.208	4.274	1.0000
1530	5.279	4.917	0.362	6.861	1.0000
1534	4.991	5.093	-0.102	2.035	1.0000
1539	5.230	5.062	0.169	3.222	1.0000
1540	5.204	5.250	-0.046	0.882	1.0000
1541	5.176	5.536	-0.359	6.945	1.0000
1542	5.267	5.227	0.040	0.754	1.0000
1546	5.407	4.973	0.433	8.011	0.8688
1547	4.699	4.997	-0.298	6.333	1.0000
1548	5.677	5.340	0.337	5.929	1.0000

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1551	5.477	5.249	0.229	4.172	1.0000
1552	5.114	5.156	-0.042	0.815	1.0000
1555	4.653	5.025	-0.372	7.990	1.0000
1556	4.778	5.175	-0.397	8.310	0.9477
1560	5.279	5.198	0.081	1.534	1.0000
1563	4.863	5.003	-0.139	2.866	1.0000
1565	5.000	5.291	-0.291	5.812	1.0000
1571	5.322	5.219	0.103	1.932	1.0000
1574	4.602	5.029	-0.427	9.270	0.8820
1578	5.243	5.016	0.227	4.334	1.0000
1579	5.274	5.050	0.224	4.253	1.0000
1580	4.903	4.948	-0.045	0.922	1.0000
1582	4.477	5.018	-0.541	12.074	0.6961
1585	4.886	5.334	-0.448	9.161	0.8406
1587	4.954	4.789	0.165	3.334	1.0000
1588	5.470	5.158	0.312	5.709	1.0000
1591	4.658	4.806	-0.148	3.179	1.0000
1592	4.702	5.205	-0.502	10.687	0.7489
1593	4.845	5.090	-0.245	5.056	1.0000
1594	5.176	5.194	-0.018	0.347	1.0000
1595	4.681	5.019	-0.338	7.211	1.0000
1597	5.000	5.024	-0.024	0.474	1.0000
1601	5.322	5.023	0.299	5.620	1.0000
1608	5.312	5.023	0.289	5.439	1.0000
1610	5.255	5.164	0.092	1.746	1.0000
1611	5.544	5.083	0.461	8.320	0.8158
1613	4.903	5.006	-0.103	2.100	1.0000
1615	4.602	4.939	-0.337	7.317	1.0000
1618	5.525	5.155	0.370	6.697	1.0000
1620	5.027	5.192	-0.165	3.277	1.0000
1621	5.061	5.024	0.036	0.720	1.0000
1622	5.262	5.085	0.178	3.376	1.0000
1623	5.112	4.816	0.296	5.793	1.0000
1626	4.813	4.892	-0.079	1.648	1.0000
1628	5.064	5.198	-0.133	2.630	1.0000
1629	5.431	4.839	0.592	10.906	0.6352
1630	5.525	5.361	0.164	2.972	1.0000
1632	5.380	5.453	-0.073	1.362	1.0000
1633	4.740	5.135	-0.394	8.317	0.9544
1634	5.243	5.351	-0.108	2.061	1.0000
1636	4.978	5.001	-0.023	0.467	1.0000
1638	5.413	5.136	0.277	5.116	1.0000
1640	5.398	4.929	0.469	8.683	0.8028

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1641	5.079	5.226	-0.147	2.898	1.0000
1642	4.653	5.016	-0.362	7.787	1.0000
1645	4.978	4.929	0.049	0.977	1.0000
1648	5.134	5.137	-0.003	0.059	1.0000
1653	4.681	5.103	-0.422	9.012	0.8920
1654	4.875	4.986	-0.111	2.277	1.0000
1655	5.585	5.316	0.269	4.824	1.0000
1656	5.204	5.314	-0.109	2.103	1.0000
1658	5.799	5.312	0.487	8.403	0.7721
1660	4.903	4.853	0.050	1.017	1.0000
1661	5.170	5.201	-0.031	0.603	1.0000
1662	5.279	5.163	0.115	2.186	1.0000
1663	4.717	5.014	-0.296	6.285	1.0000
1665	4.845	5.230	-0.385	7.951	0.9769
1666	5.301	5.044	0.257	4.856	1.0000
1667	5.470	5.086	0.383	7.010	0.9814
1668	5.488	5.221	0.266	4.856	1.0000
1674	5.460	5.253	0.207	3.795	1.0000
1675	5.498	5.306	0.193	3.504	1.0000
1679	5.217	5.025	0.193	3.695	1.0000
1683	5.197	5.081	0.117	2.244	1.0000
1685	4.544	5.045	-0.501	11.027	0.7510
1686	5.332	5.376	-0.044	0.820	1.0000
1687	5.342	5.351	-0.009	0.165	1.0000
1689	5.000	5.115	-0.115	2.293	1.0000
1692	5.512	5.201	0.311	5.635	1.0000
1693	4.568	4.737	-0.168	3.687	1.0000
1694	4.973	4.987	-0.014	0.279	1.0000
1696	4.699	4.918	-0.219	4.660	1.0000
1697	5.267	5.197	0.071	1.338	1.0000
1699	5.362	5.138	0.224	4.177	1.0000
1702	4.778	5.043	-0.265	5.540	1.0000
1703	4.929	4.738	0.191	3.876	1.0000
1704	4.176	4.974	-0.798	19.101	0.4717
1708	4.954	5.014	-0.060	1.208	1.0000
1709	5.455	4.939	0.515	9.450	0.7300
1713	4.690	4.971	-0.281	5.997	1.0000
1715	4.628	5.032	-0.404	8.720	0.9323
1717	5.358	5.245	0.113	2.114	1.0000
1719	4.978	5.116	-0.138	2.780	1.0000
1720	5.362	5.164	0.198	3.693	1.0000
1722	4.792	5.018	-0.226	4.714	1.0000
1725	4.544	4.982	-0.438	9.632	0.8597

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Robust Residuals and Weights (Continued)

Row	Actual Log_10_Sale_Price	Predicted Log_10_Sale_Price	Residual	Absolute Percent Error	Robust Weight
1727	5.000	5.220	-0.220	4.407	1.0000
1732	5.415	5.197	0.218	4.023	1.0000
1734	5.021	5.114	-0.092	1.839	1.0000
1735	5.061	5.032	0.029	0.567	1.0000
1738	5.161	4.904	0.258	4.994	1.0000
1740	5.000	5.105	-0.105	2.106	1.0000
1743	4.903	4.960	-0.057	1.153	1.0000
1745	4.699	4.872	-0.173	3.676	1.0000
1747	5.130	5.114	0.016	0.318	1.0000
1749	4.653	4.972	-0.319	6.848	1.0000
1750	5.415	5.245	0.170	3.138	1.0000
1751	4.903	5.288	-0.384	7.834	0.9796
1752	5.312	5.235	0.076	1.436	1.0000
1754	5.458	5.225	0.233	4.270	1.0000
1757	5.130	5.303	-0.172	3.362	1.0000
1758	5.079	5.205	-0.126	2.483	1.0000
1759	5.431	4.991	0.441	8.111	0.8542
1762	4.477	4.999	-0.522	11.656	0.7211
1764	5.029	4.782	0.247	4.919	1.0000
1773	5.371	5.226	0.146	2.709	1.0000
1777	5.415	5.218	0.197	3.635	1.0000
1780	4.799	4.887	-0.088	1.830	1.0000
1781	4.740	4.987	-0.247	5.209	1.0000
1785	5.176	5.106	0.070	1.349	1.0000
1786	5.380	5.128	0.253	4.696	1.0000
1787	5.079	5.012	0.067	1.324	1.0000
1790	4.695	5.104	-0.409	8.713	0.9199
1793	5.230	4.824	0.406	7.767	0.9263
1795	4.866	4.829	0.037	0.759	1.0000
1798	4.929	5.013	-0.083	1.693	1.0000
1800	4.771	5.004	-0.233	4.889	1.0000
1801	5.451	5.019	0.432	7.932	0.8703
1802	4.699	4.696	0.002	0.053	1.0000
1805	5.389	5.231	0.158	2.931	1.0000
1806	5.243	5.168	0.075	1.437	1.0000
1809	5.505	5.092	0.413	7.505	0.9107
1810	5.332	5.164	0.169	3.164	1.0000
1812	5.087	4.911	0.176	3.465	1.0000
1815	4.927	5.043	-0.116	2.360	1.0000
1816	4.859	4.873	-0.013	0.270	1.0000

Robust Multiple Regression Report

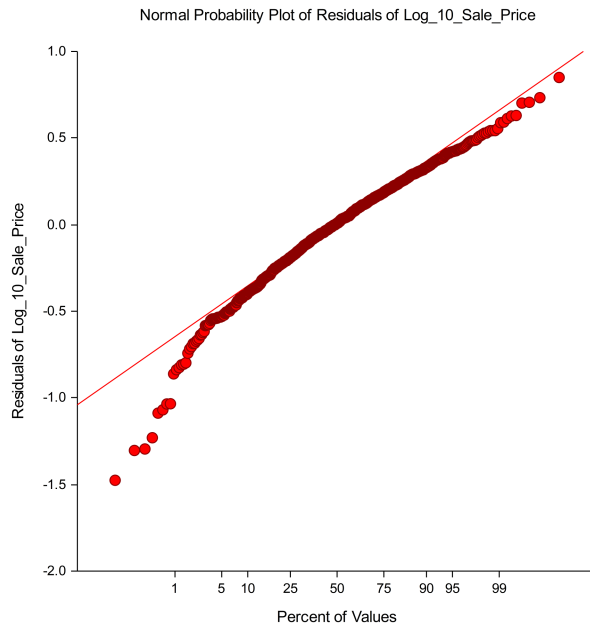
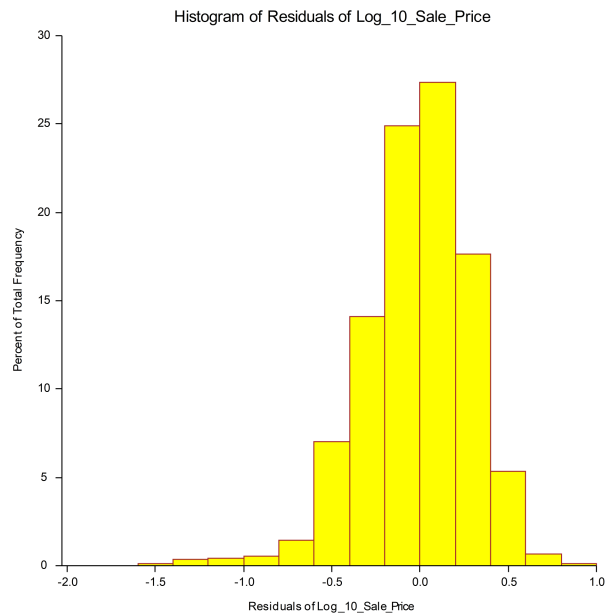
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Distributional Plots of Residuals



Robust Multiple Regression Report

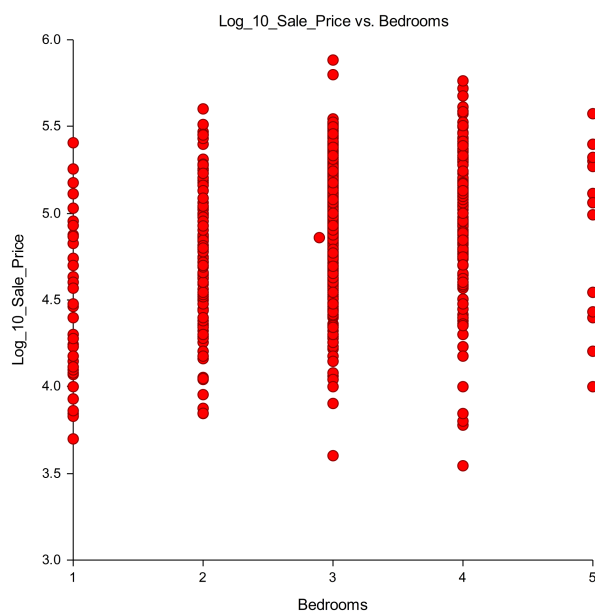
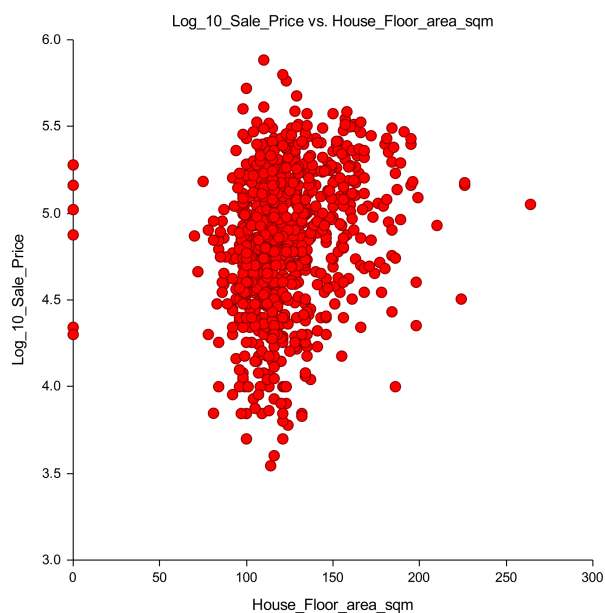
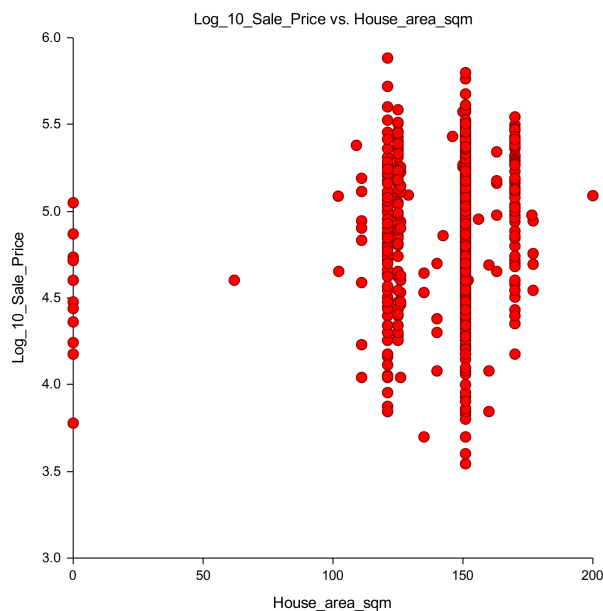
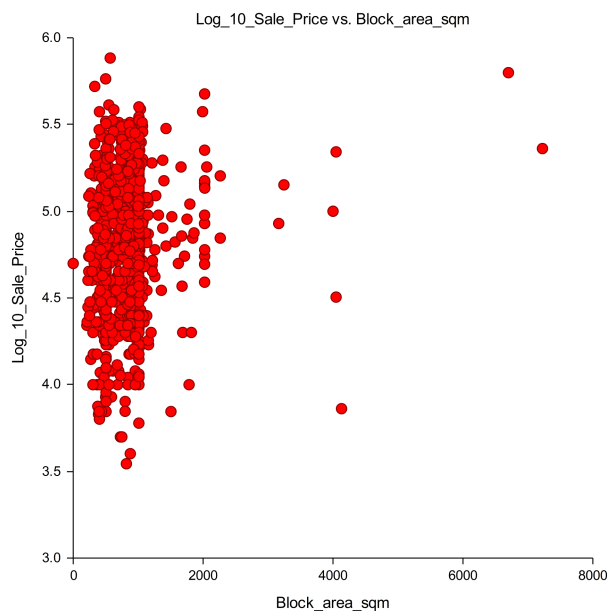
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Dependent Log_10_Sale_Price

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Y vs X Plots



Robust Multiple Regression Report

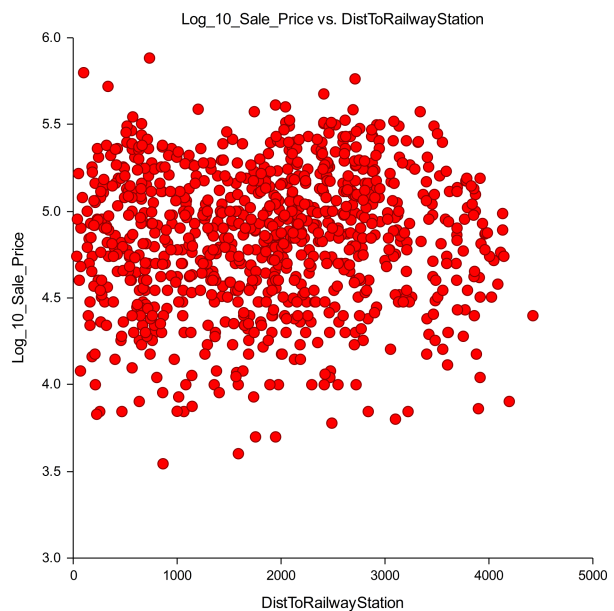
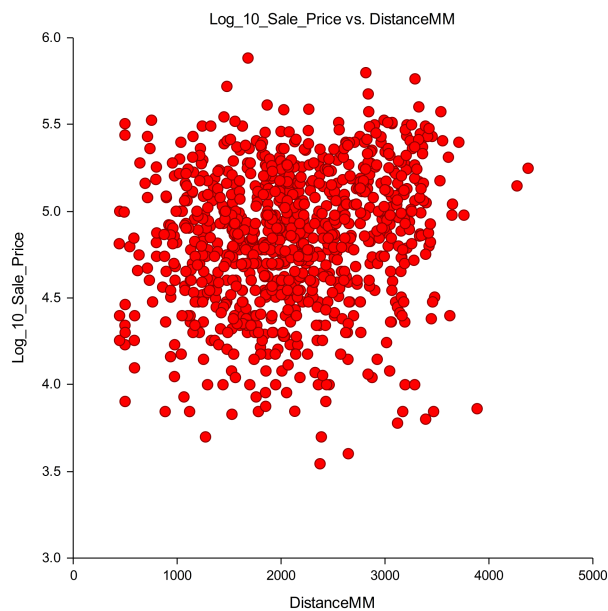
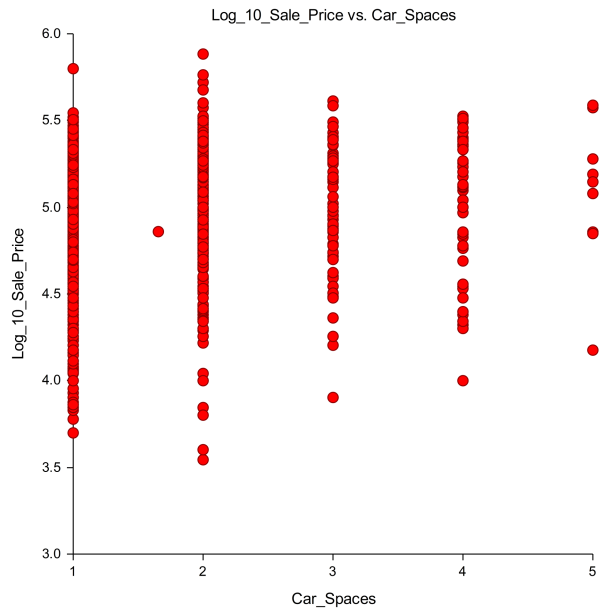
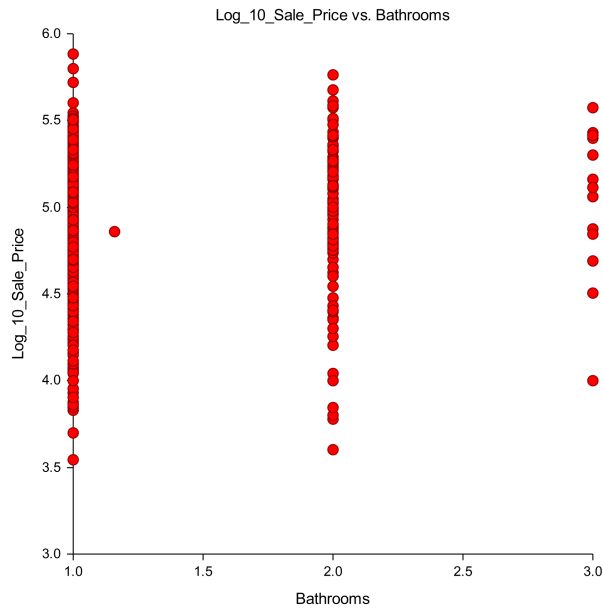
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Y vs X Plots (Continued)



Robust Multiple Regression Report

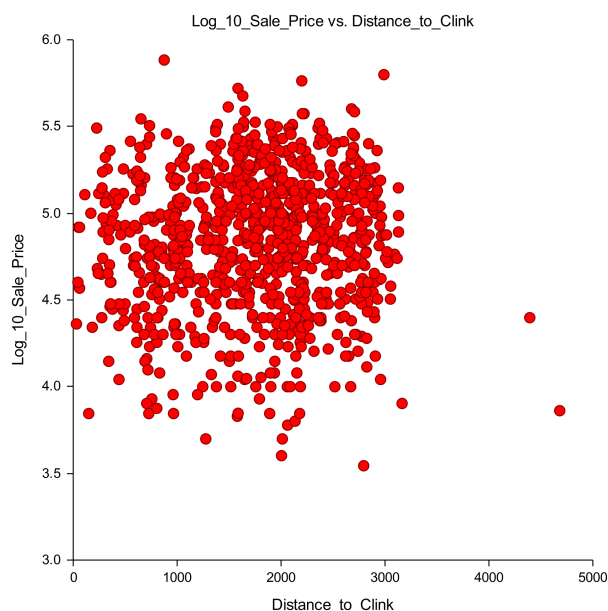
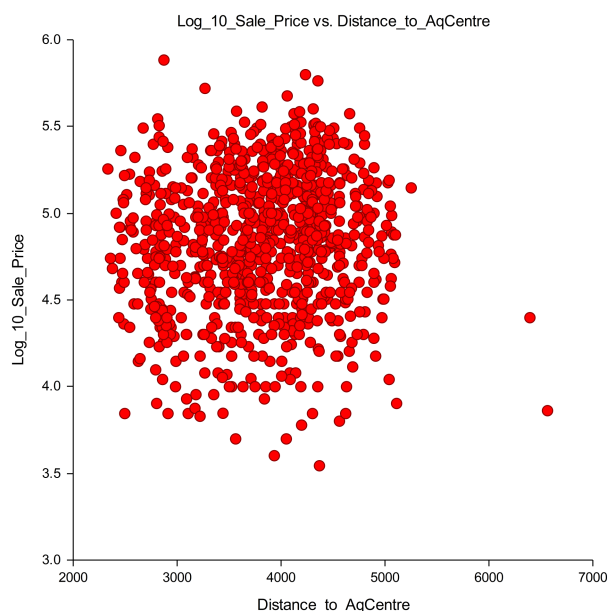
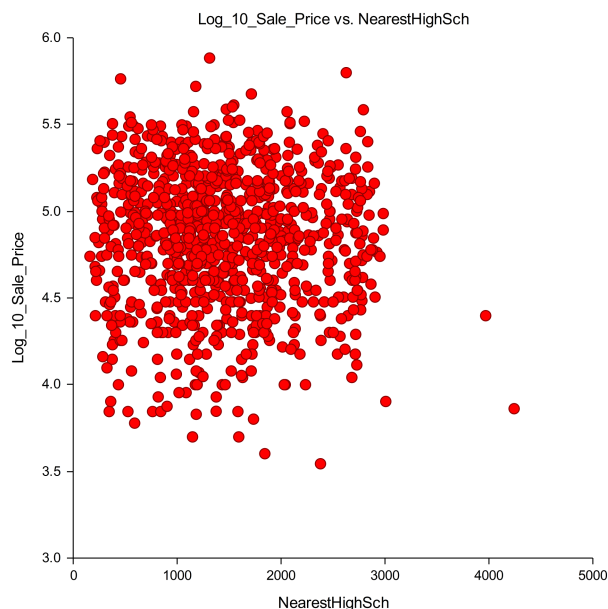
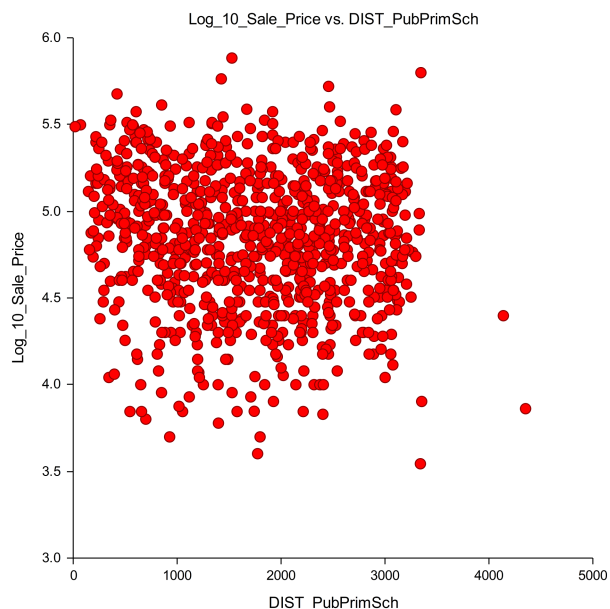
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Y vs X Plots (Continued)



Robust Multiple Regression Report

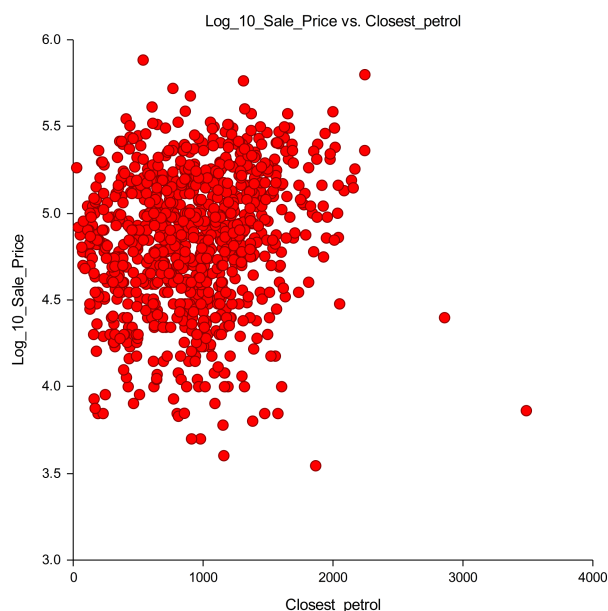
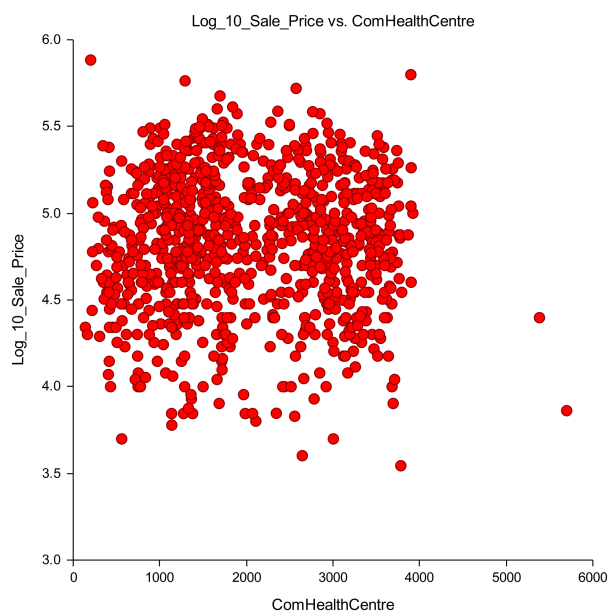
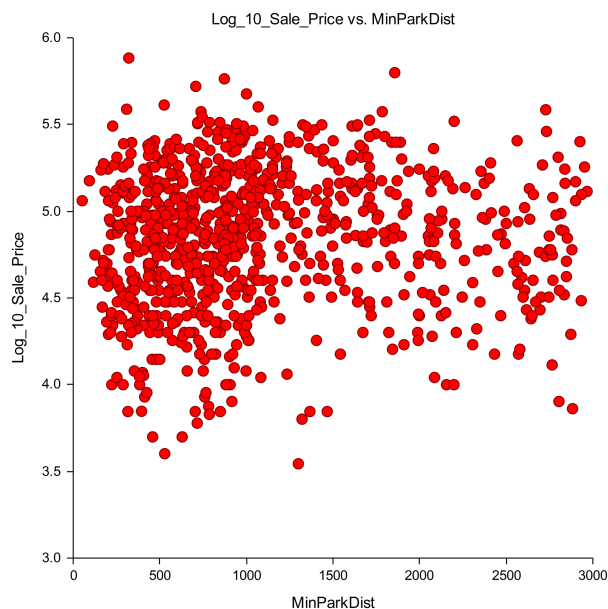
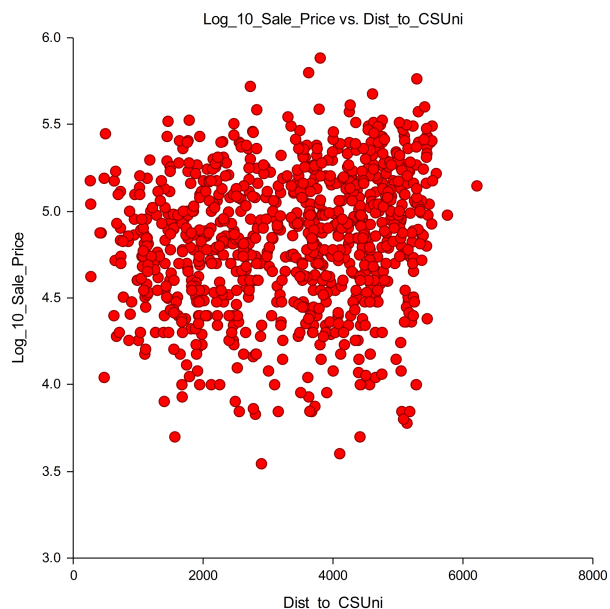
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Y vs X Plots (Continued)



Robust Multiple Regression Report

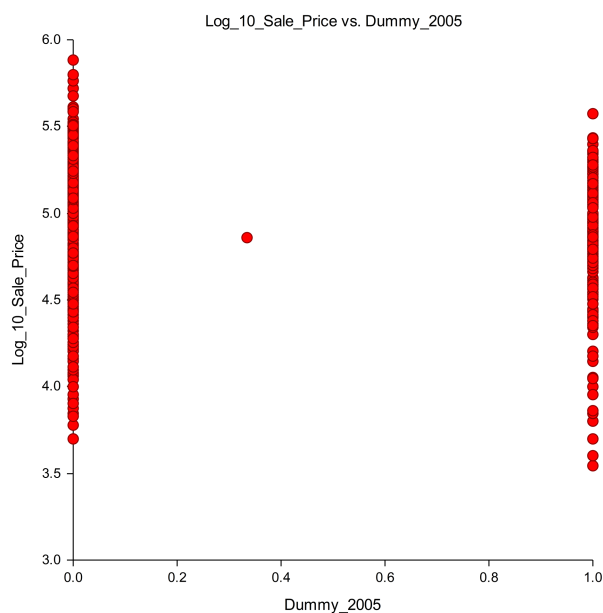
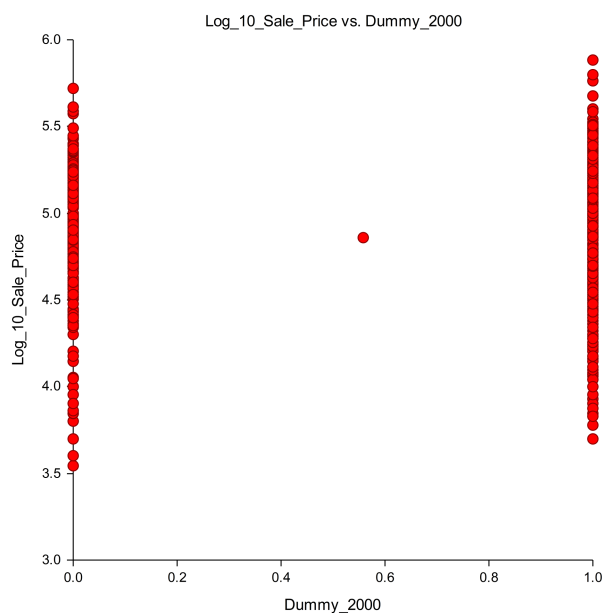
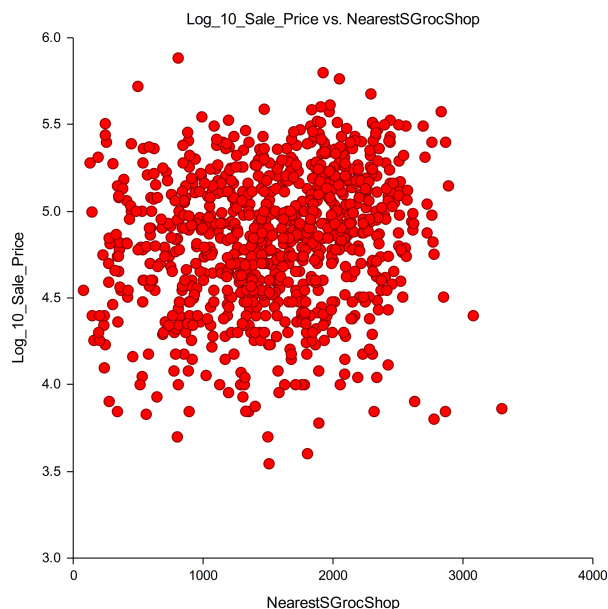
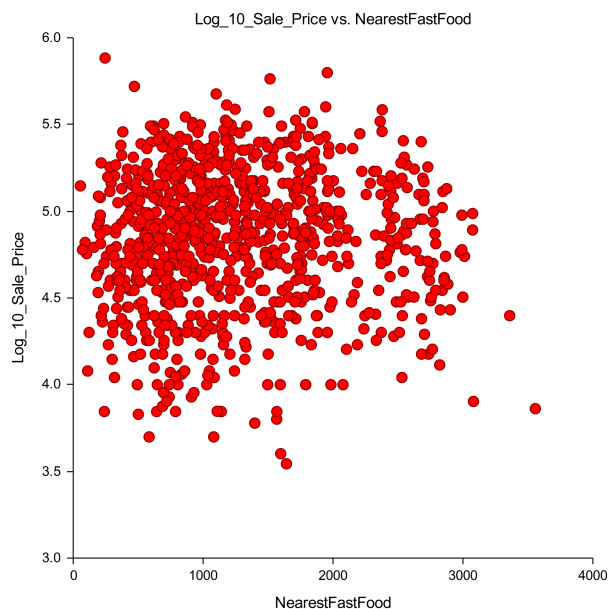
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

Warning: Variable(Dummy_2010) has been zeroed out. Remove it to prevent errors!

Y vs X Plots (Continued)



Robust Multiple Regression Report

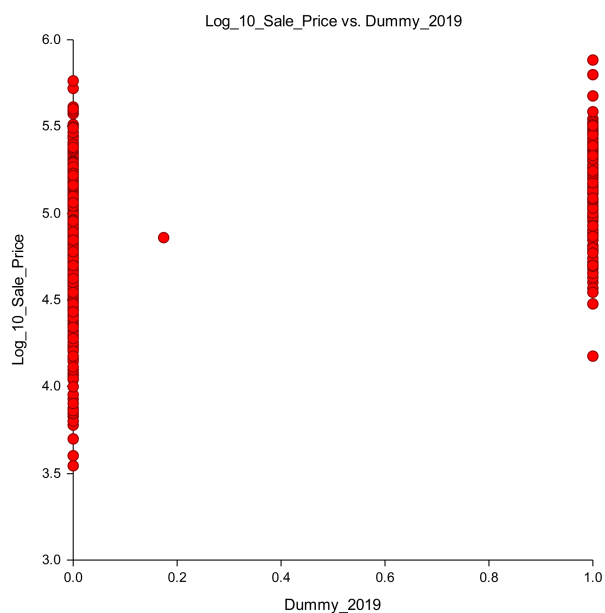
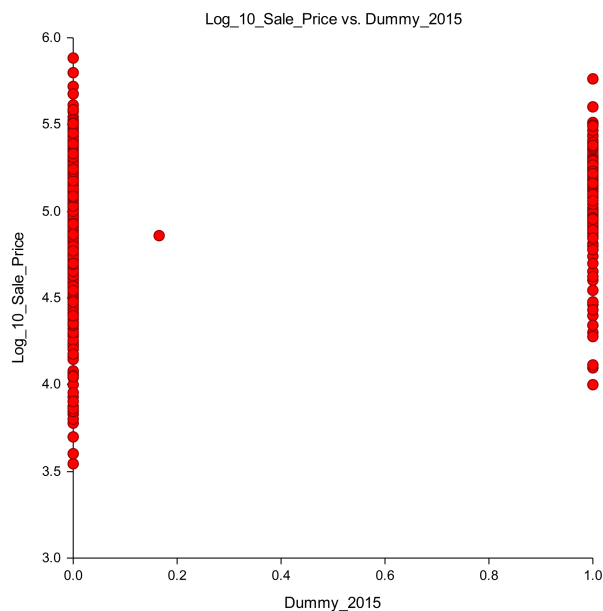
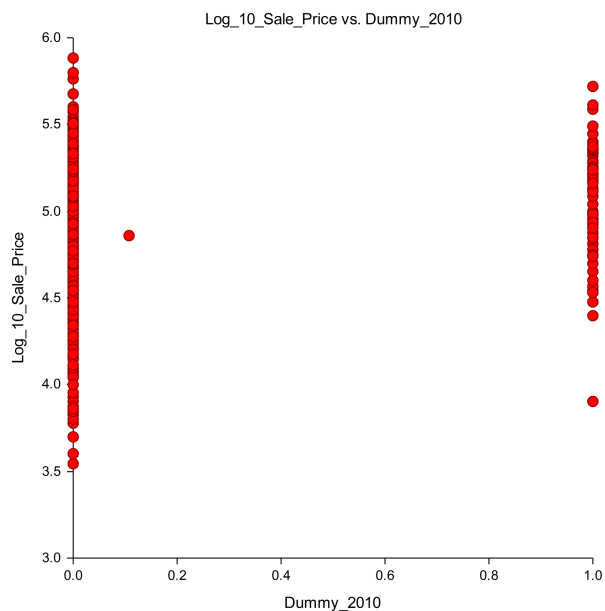
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

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Y vs X Plots (Continued)



Robust Multiple Regression Report

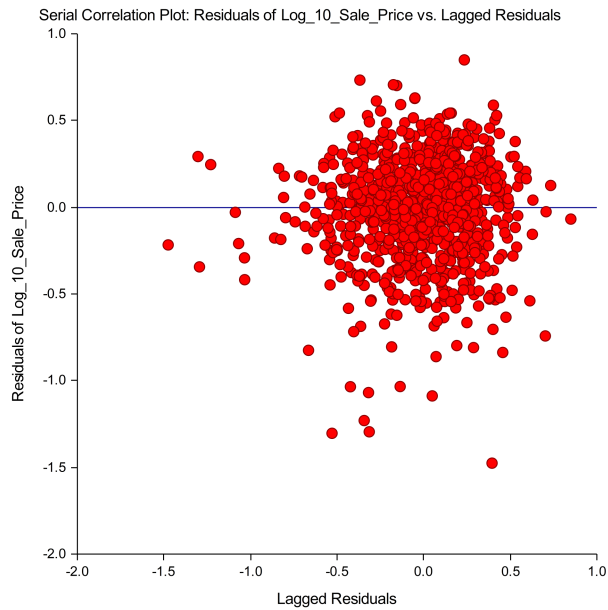
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

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Serial Correlation Plot: Residuals vs Lagged Residuals



Robust Multiple Regression Report

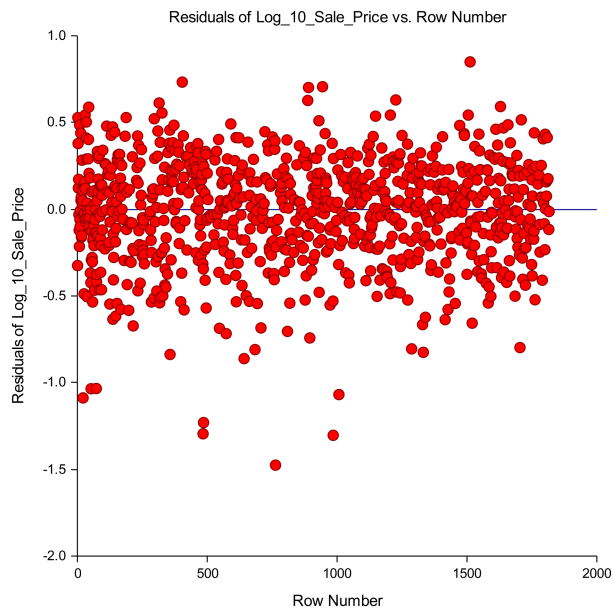
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

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Sequence Plot: Residuals vs Row



Robust Multiple Regression Report

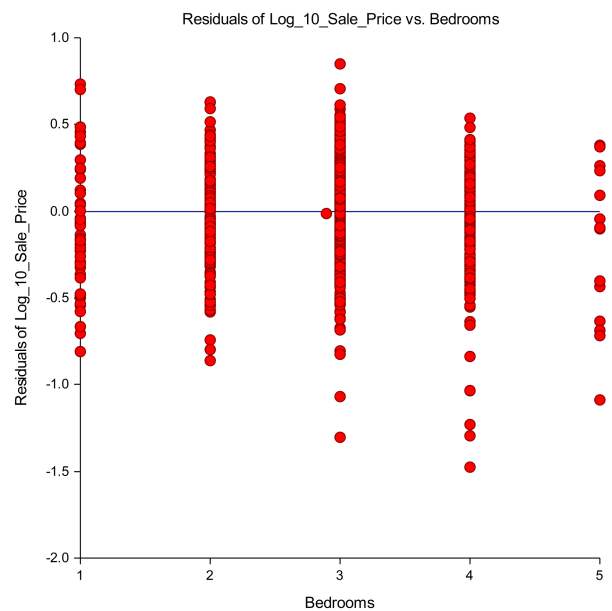
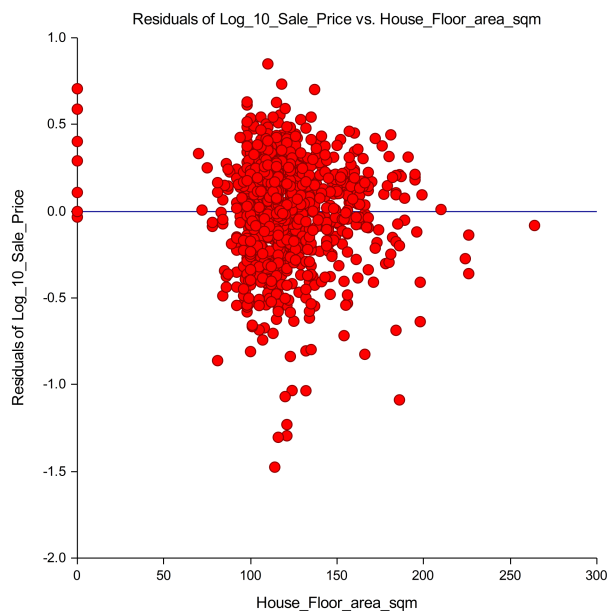
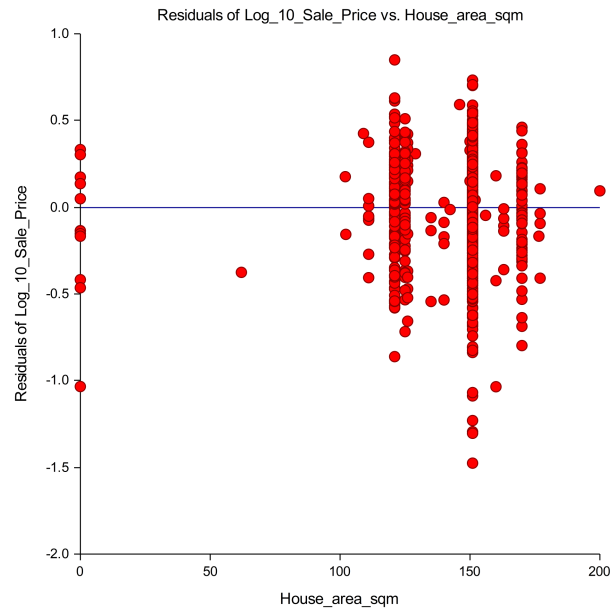
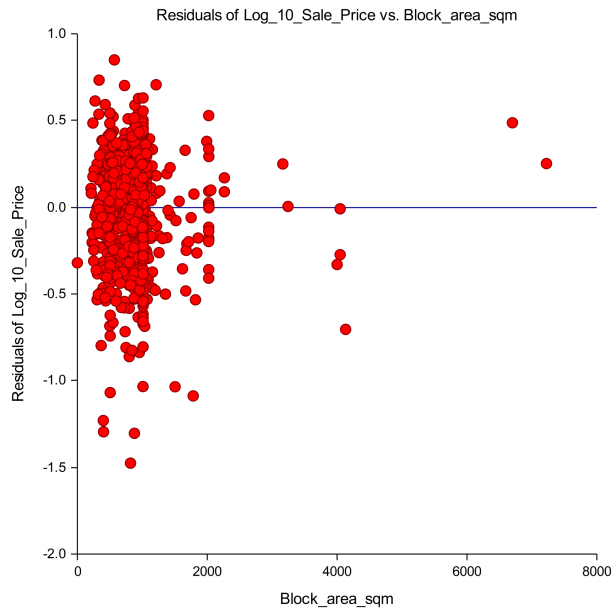
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

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Residuals vs X Plots



Robust Multiple Regression Report

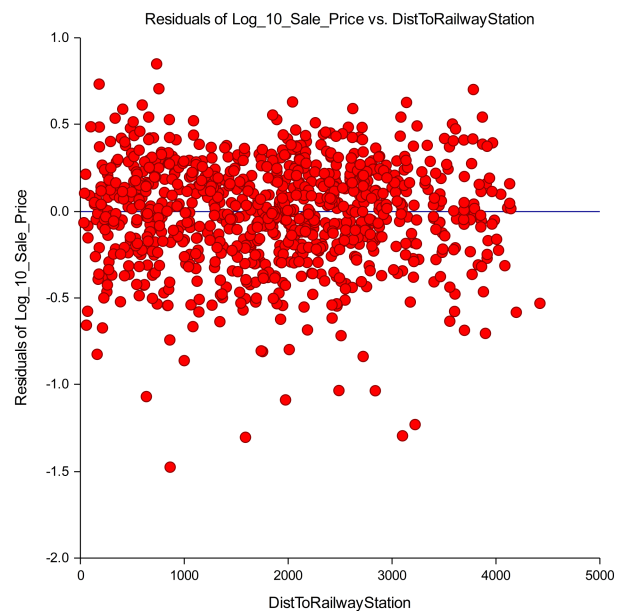
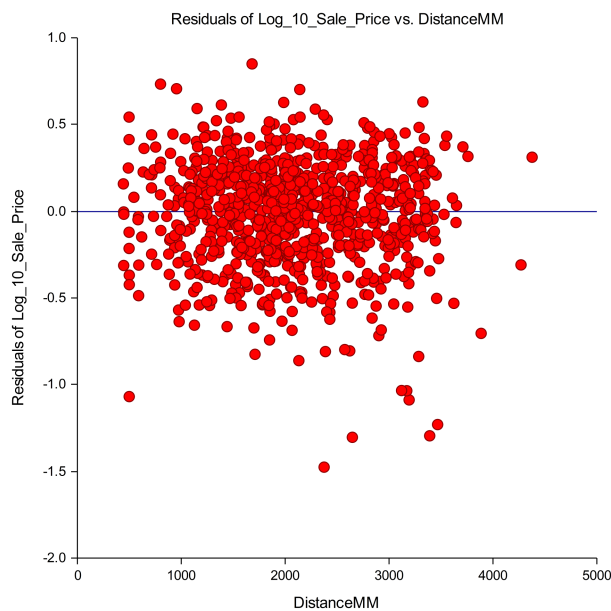
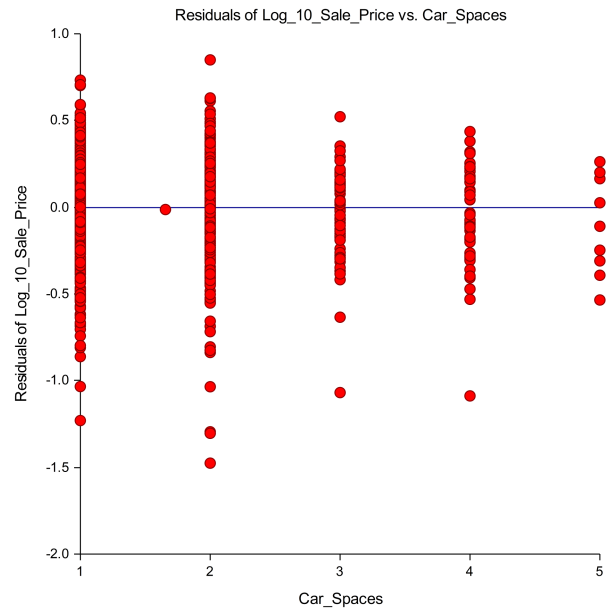
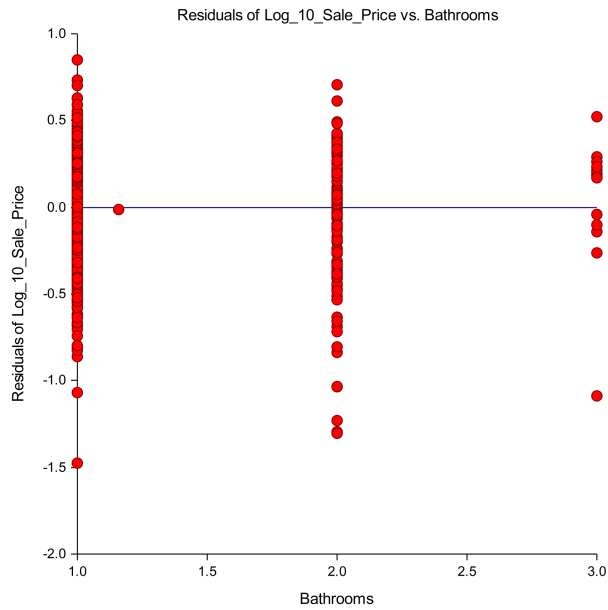
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

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Residuals vs X Plots (Continued)



Robust Multiple Regression Report

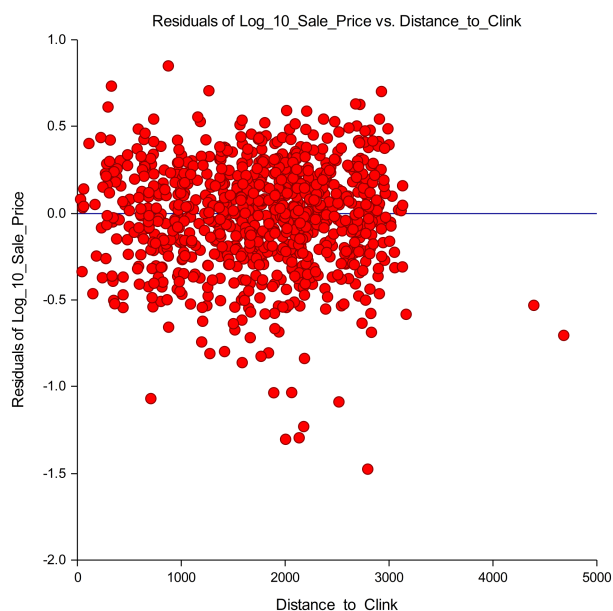
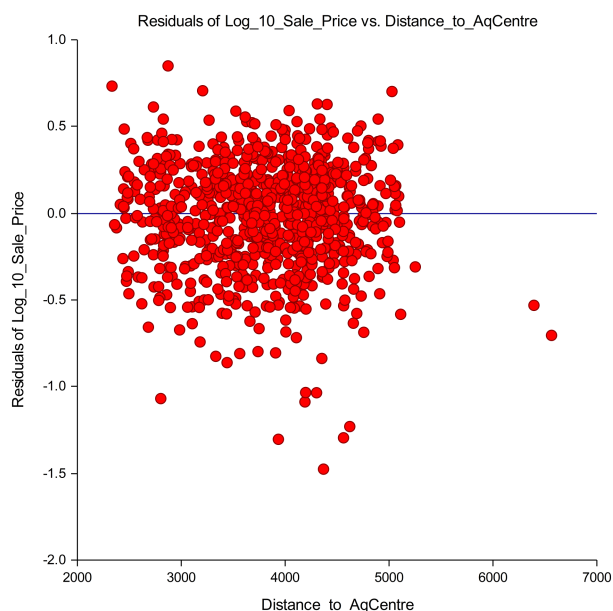
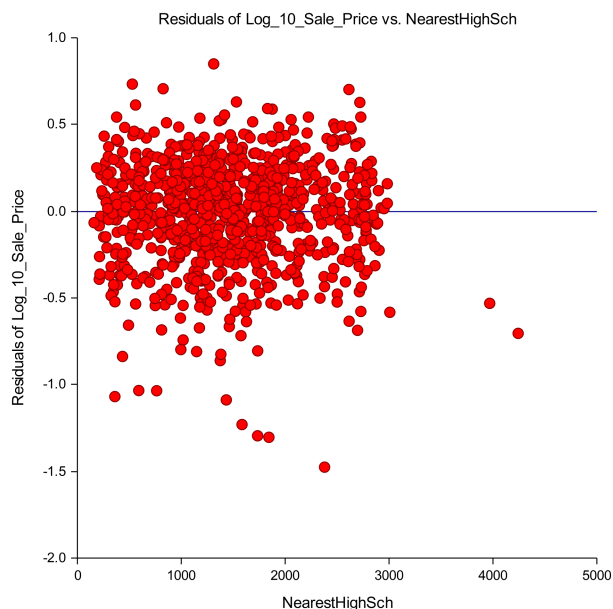
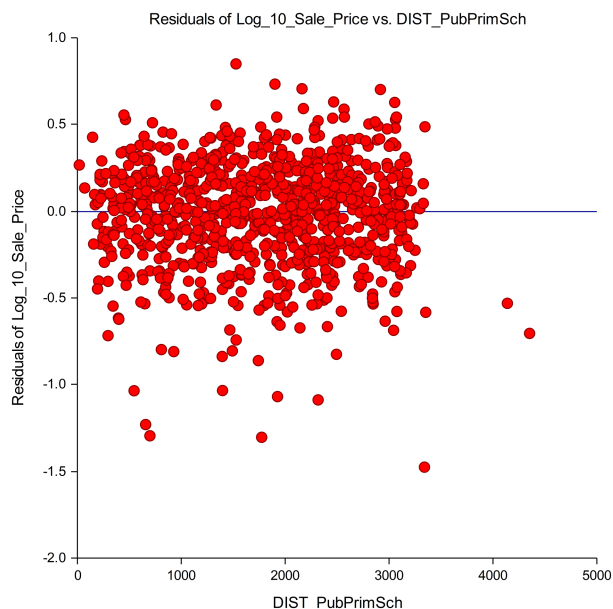
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

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Residuals vs X Plots (Continued)



Robust Multiple Regression Report

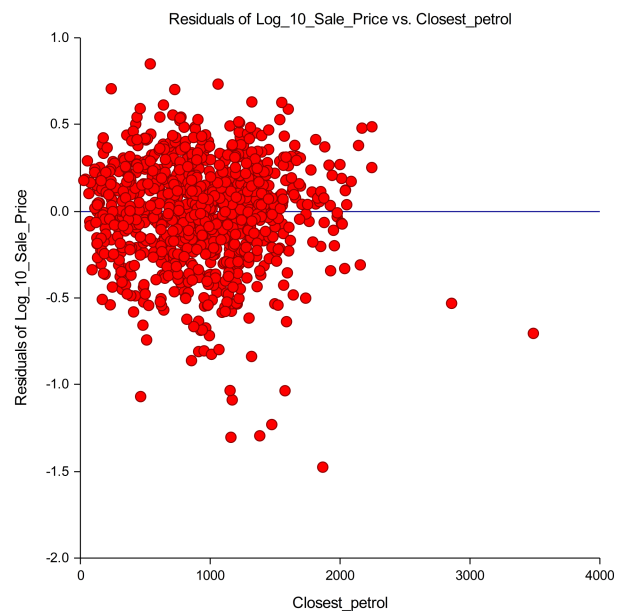
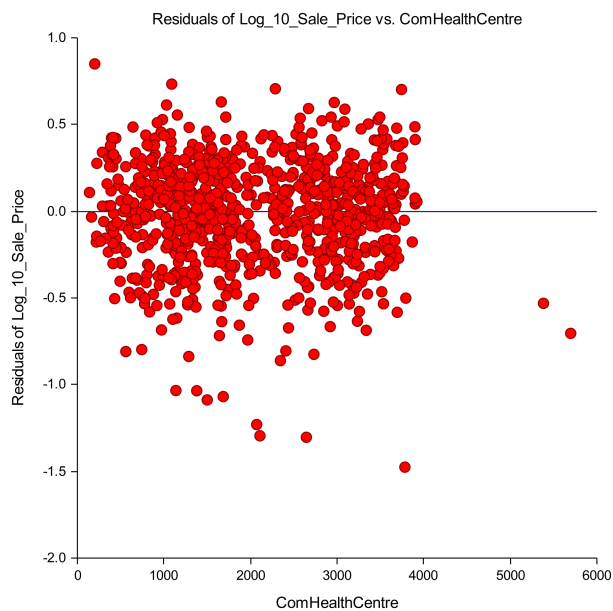
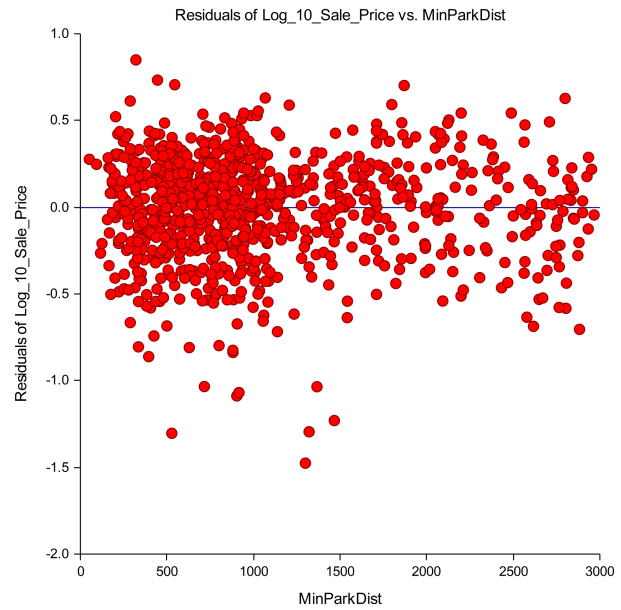
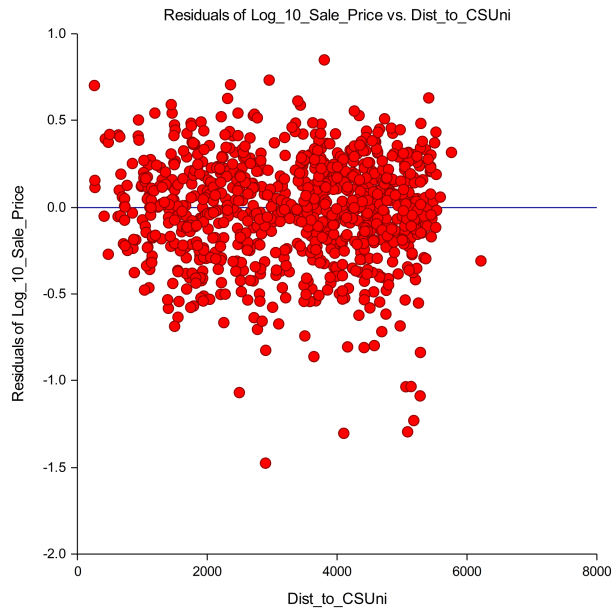
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

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Residuals vs X Plots (Continued)



Robust Multiple Regression Report

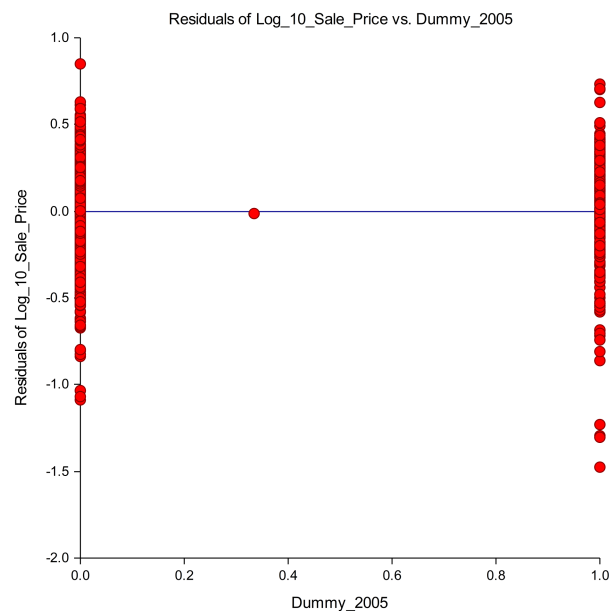
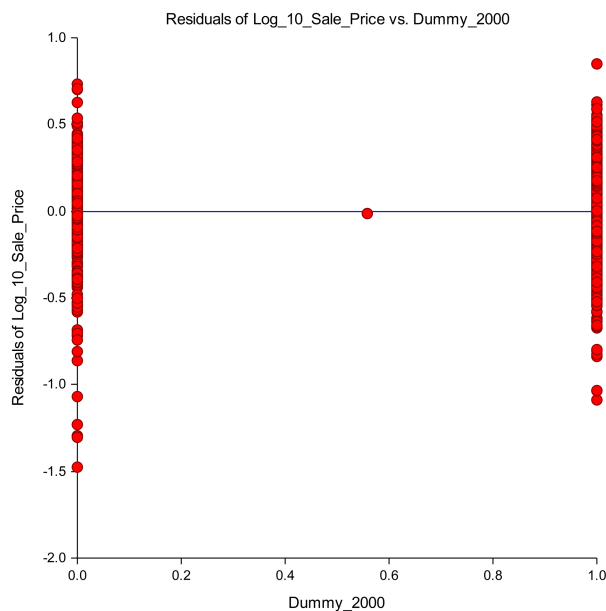
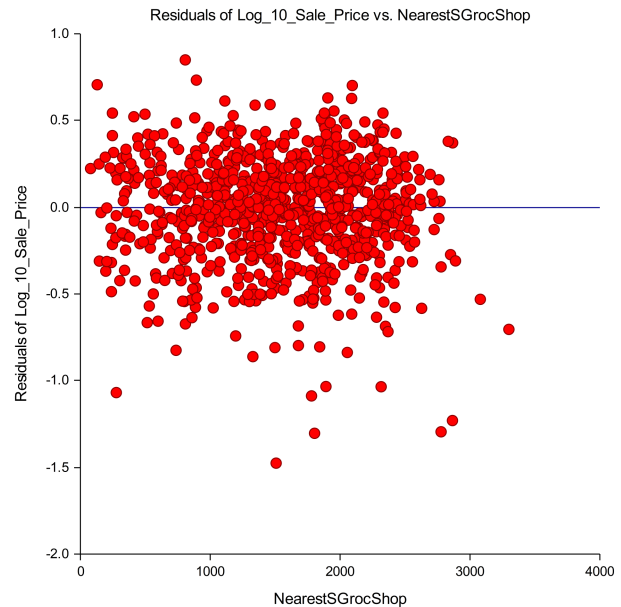
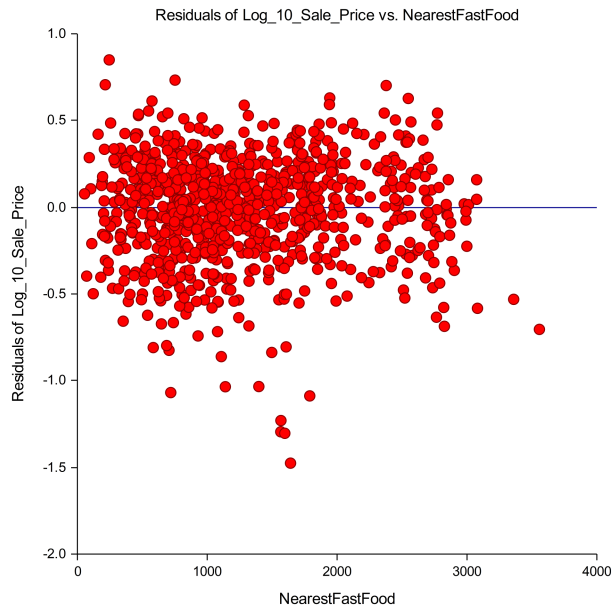
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

Warning: At least one value was reset to 0.0 because it was less than the NCSS machine zero of 1E-20. To change the machine zero, choose File > System Options (or Report Options) from the menu and select the Constants tab.

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Residuals vs X Plots (Continued)



Robust Multiple Regression Report

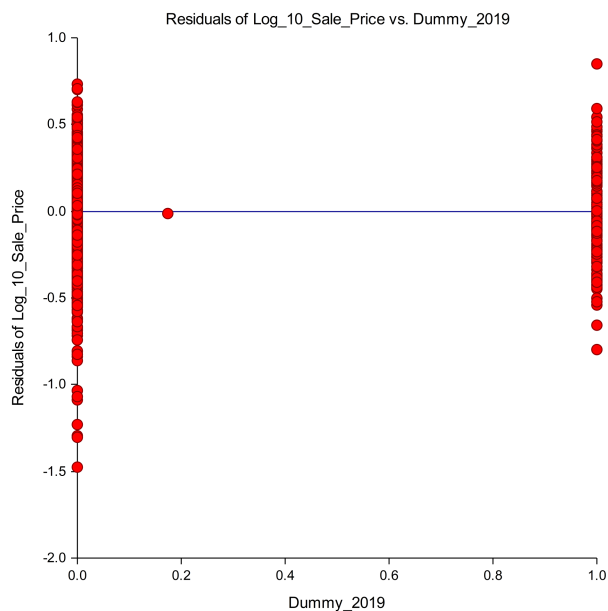
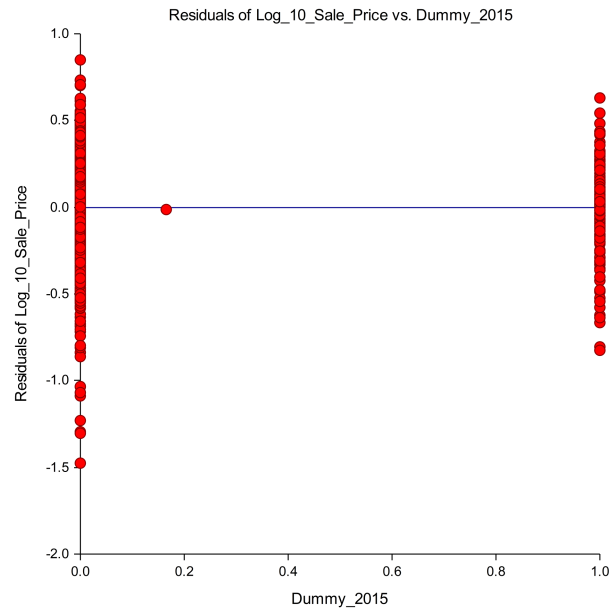
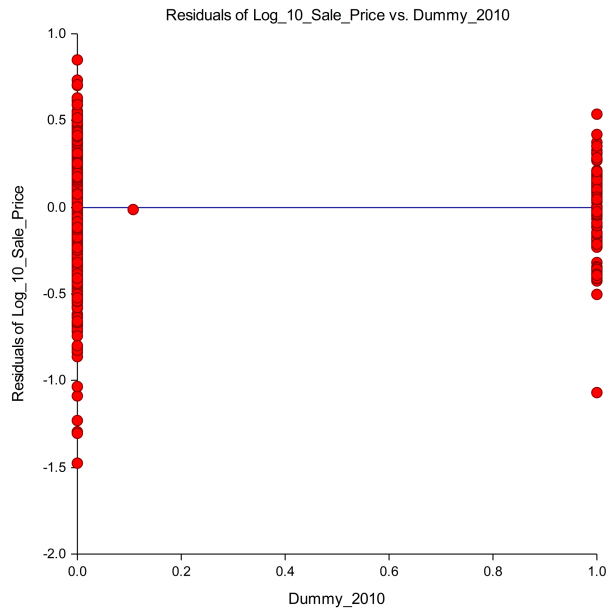
Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Residuals vs X Plots (Continued)



Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Procedure Input Settings

Autosaved Template File

C:\Users\Dr_Ia\Documents\NCSS 2022\Procedure Templates\Autosave\Robust Regression - Autosaved 2023_4_11-14_41_18.t158

Variables, Model Tab

-- Variables -----

Y:	Log_10_Sale_Price
Numeric X's:	Block_area_sqm, House_area_sqm, House_Floor_area_sqm, Bedrooms, Bathrooms, Car_Spaces, DistanceMM, DistToRailwayStation, DIST_PubPrimSch, NearestHighSch, Distance_to_AqCentre, Distance_to_Clink, Dist_to_CSUni, MinParkDist, ComHealthCentre, Closest_petrol, NearestFastFood, NearestSGrocShop, Dummy_2000, Dummy_2005, Dummy_2010, Dummy_2015, Dummy_2019
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
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-- 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

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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Procedure Input Settings (Continued)

Reports Tab (Continued)

-- Select Reports -----	
.. Summaries	
Run Summary	Checked
Descriptive Statistics	Checked
Correlations	Unchecked
Iterations - Coefficients	Checked
Iterations - Residuals	Checked
.. 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	Checked
ANOVA Detail	Unchecked
.. Assumptions	
PRESS Statistics	Checked
Normality Tests	Checked
Durbin-Watson	Checked
.. X Diagnostics	
R ²	Checked
Variable Omission	Checked
Sum of Squares	Checked
Sequential Models	Checked
Multicollinearity	Checked
.. Eigenvalues	
Eigenvalues - Centered	Unchecked
Eigenvectors - Centered	Unchecked
Eigenvalues - Uncentered	Unchecked
Eigenvectors - Uncentered	Unchecked

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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

.. 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 \geq	15
-- Decimal Places -----	
Precision:	Double
Reg Coefficients:	5
Std Error of b's:	6
Test Statistics:	3
Probabilities:	4
Percentages:	3
Means:	3
Std Deviations:	3
R ² , Correlations, Standardized Coef's:	4
Mean Squares, Sum of Squares:	2
Y's, Residuals, etc.:	3
Std Error of Y:	3
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	Checked

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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

.. Residual Analysis Plots	
Serial Correlation	Checked
Resids vs Row	Checked
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

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

Robust Multiple Regression Report

Dataset C:\Users\Dr_Ia\Desktop\BHTotalDataSaleDateAvValues313jan2023.NCSS

Dependent Log_10_Sale_Price

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

.. 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