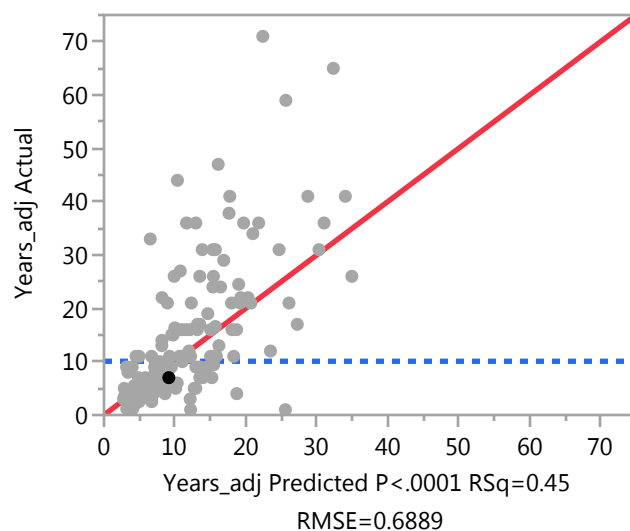


Response Log(Years_adj)**Effect Summary**

Source	LogWorth	PValue
Age	8.672	0.00000
OwnRent	2.669	0.00214
PoliceRatingCat	2.237	0.00579
FeelSafeDayCat	1.420	0.03798
TrashRatingCat	1.381	0.04155
Neighborhood ID*Age	0.238	0.57752
Neighborhood ID	0.078	0.83647 ^

Actual by Predicted Plot**Summary of Fit**

RSquare	0.445138
RSquare Adj	0.389652
Root Mean Square Error	0.688944
Mean of Response	2.310203
Observations (or Sum Wgts)	155

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	14	53.30965	3.80783	8.0225
Error	140	66.45021	0.47464	Prob > F
C. Total	154	119.75986		<.0001*

Response Log(Years_adj)**Lack Of Fit**

Source	DF	Sum of		F Ratio
		Squares	Mean Square	
Lack Of Fit	129	60.883291	0.471963	0.9326
Pure Error	11	5.566919	0.506084	Prob > F
Total Error	140	66.450210		0.6114
			Max RSq	
				0.9535

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	0.8946035	0.211776	4.22	<.0001*
PoliceRatingCat[Medium-High]	0.3293681	0.149828	2.20	0.0296*
PoliceRatingCat[Low-Medium]	0.2487594	0.226821	1.10	0.2746
TrashRatingCat[Medium-High]	-0.349582	0.283845	-1.23	0.2202
TrashRatingCat[Low-Medium]	1.4538311	0.570825	2.55	0.0119*
FeelSafeDayCat[Low-High]	-0.950782	0.453855	-2.09	0.0380*
OwnRent[Own]	0.2627423	0.128285	2.05	0.0424*
OwnRent[Rent]	-0.229638	0.134933	-1.70	0.0910
Age	0.0254809	0.003978	6.40	<.0001*
Neighborhood ID[1]	-0.081474	0.112742	-0.72	0.4711
Neighborhood ID[2]	0.0623573	0.090868	0.69	0.4937
Neighborhood ID[3]	-0.003515	0.104595	-0.03	0.9732
Neighborhood ID[1]*(Age-47.1097)	-0.008633	0.006681	-1.29	0.1984
Neighborhood ID[2]*(Age-47.1097)	0.0011111	0.005699	0.19	0.8457
Neighborhood ID[3]*(Age-47.1097)	-0.000347	0.006033	-0.06	0.9542

Effect Tests

Source	Nparm	DF	Sum of		Prob > F
			Squares	F Ratio	
PoliceRatingCat	2	2	5.074769	5.3459	0.0058*
TrashRatingCat	2	2	3.089107	3.2541	0.0416*
FeelSafeDayCat	1	1	2.083032	4.3886	0.0380*
OwnRent	2	2	6.098140	6.4239	0.0021*
Age	1	1	19.470467	41.0212	<.0001*
Neighborhood ID	3	3	0.405220	0.2846	0.8365
Neighborhood ID*Age	3	3	0.940914	0.6608	0.5775

Effect Details**PoliceRatingCat****Least Squares Means Table**

Level	Least		
	Sq Mean	Std Error	Mean
High	8.125436	0.12521131	9.1283
Medium	11.295083	0.16061243	11.4296
Low	14.485191	0.21819078	15.6883

* Std Errors are on transformed Y's

Response Log(Years_adj)**Effect Details****PoliceRatingCat****LSMeans Differences Tukey HSD**

Differences are on transformed Y's

 $\alpha = 0.050$ $Q = 2.36894$

		Least
Level		Sq Mean
Low	A	14.485191
Medium	A B	11.295083
High	B	8.125436

Levels not connected by same letter are significantly different.

TrashRatingCat**Least Squares Means Table**

		Least	
Level		Sq Mean	Std Error
High		8.125436	0.12521131
Medium		5.728289	0.31693676
Low		24.514091	0.52882913
			Mean
			10.4441
			4.5317
			18.3303

* Std Errors are on transformed Y's

LSMeans Differences Tukey HSD

Differences are on transformed Y's

 $\alpha = 0.050$ $Q = 2.36894$

		Least
Level		Sq Mean
Low	A	24.514091
High	A B	8.125436
Medium	B	5.728289

Levels not connected by same letter are significantly different.

FeelSafeDayCat**Least Squares Means Table**

		Least	
Level		Sq Mean	Std Error
High		8.1254363	0.12521131
Low		3.1399817	0.44570146
			Mean
			10.2424
			4.4040

* Std Errors are on transformed Y's

OwnRent**Least Squares Means Table**

		Least	
Level		Sq Mean	Std Error
Own		10.567061	0.08082621
Rent		6.458271	0.12044721
Other		7.860851	0.33306694
			Mean
			12.7672
			5.8114
			7.2332

Response Log(Years_adj)**Effect Details****OwnRent****Least Squares Means Table**

* Std Errors are on transformed Y's

LSMeans Differences Tukey HSD

Differences are on transformed Y's

$\alpha = 0.050$ $Q = 2.36894$

		Least
Level		Sq Mean
Own	A	10.567061
Other	A B	7.860851
Rent	B	6.458271

Levels not connected by same letter are significantly different.

Age**Neighborhood ID****Least Squares Means Table**

		Least	
Level		Sq Mean	Mean
1		7.4896763	9.2440
2		8.6482476	11.0346
3		8.0969221	10.8553
4		8.3114280	8.0854

* Std Errors are on transformed Y's

LSMeans Differences Tukey HSD

Differences are on transformed Y's

$\alpha = 0.050$ $Q = 2.60017$

		Least
Level		Sq Mean
2	A	8.6482476
4	A	8.3114280
3	A	8.0969221
1	A	7.4896763

Levels not connected by same letter are significantly different.

Response Log(Years_adj)**Effect Details****Neighborhood ID****Contrast****Test Detail**

1	1	-0.333	-0.333
2	-0.333	1	-0.333
3	-0.333	-0.333	1
4	-0.333	-0.333	-0.333
Estimate	-0.109	0.0831	-0.005
Std Error	0.1503	0.1212	0.1395
t Ratio	-0.723	0.6862	-0.034
Prob> t	0.4711	0.4937	0.9732
SS	0.2479	0.2235	0.0005

SS	NumDF	DenDF	F Ratio	Prob > F
0.405	3	140	0.2846	0.8365

Age 47.1096774

Neighborhood ID*Age**Power Details**

Test Neighborhood ID*Age

Power

α	σ	δ	Number	Power
0.0500	0.688944	0.077913	155	0.1865

Scaled Estimates

Nominal factors expanded to all levels

Continuous factors centered by mean, scaled by range/2

Term	Scaled			Std Error	t Ratio	Prob> t
	Estimate					
Intercept	2.0949994			0.125211	16.73	<.0001*
PoliceRatingCat[Medium-High]	0.3293681			0.149828	2.20	0.0296*
PoliceRatingCat[Low-Medium]	0.2487594			0.226821	1.10	0.2746
TrashRatingCat[Medium-High]	-0.349582			0.283845	-1.23	0.2202
TrashRatingCat[Low-Medium]	1.4538311			0.570825	2.55	0.0119*
FeelSafeDayCat[Low-High]	-0.950782			0.453855	-2.09	0.0380*
OwnRent[Own]	0.2627423			0.128285	2.05	0.0424*
OwnRent[Rent]	-0.229638			0.134933	-1.70	0.0910
OwnRent[Other]	-0.033105			0.224224	-0.15	0.8828
Age	0.8918308			0.139245	6.40	<.0001*
Neighborhood ID[1]	-0.081474			0.112742	-0.72	0.4711
Neighborhood ID[2]	0.0623573			0.090868	0.69	0.4937
Neighborhood ID[3]	-0.003515			0.104595	-0.03	0.9732
Neighborhood ID[4]	0.022632			0.120477	0.19	0.8513
Neighborhood ID[1]*(Age-47.1097)	-0.302138			0.233833	-1.29	0.1984

Response Log(Years_adj)**Scaled Estimates**

Term	Scaled Estimate	Std Error	t Ratio	Prob> t
Neighborhood ID[2]*(Age-47.1097)	0.0388891	0.199472	0.19	0.8457
Neighborhood ID[3]*(Age-47.1097)	-0.012161	0.211147	-0.06	0.9542
Neighborhood ID[4]*(Age-47.1097)	0.2754097	0.265161	1.04	0.3008

Prediction Profiler