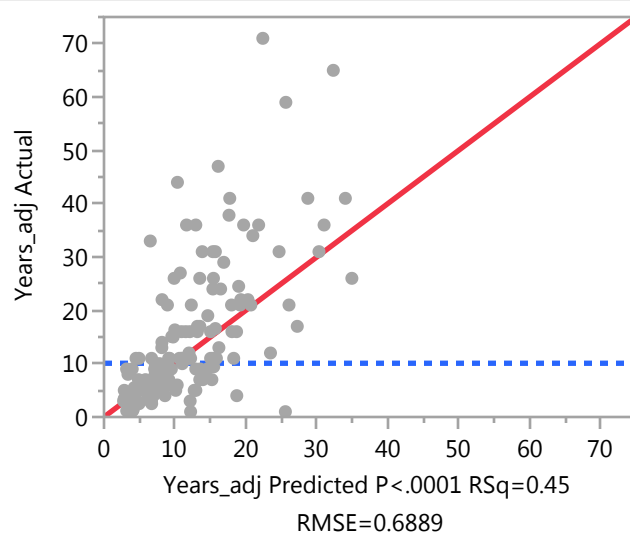


**Response Log(Years\_adj)****Effect Summary**

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	<b>Prob &gt; F</b>
C. Total	154	119.75986		<b>&lt;.0001*</b>

**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	<b>Prob &gt; F</b>
Total Error	140	66.450210		0.6114
			<b>Max RSq</b>	0.9535

**Parameter Estimates**

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	0.9732661	0.319643	3.04	0.0028*
PoliceRatingCat[High]	-0.302498	0.092552	-3.27	0.0014*
PoliceRatingCat[Medium]	0.0268696	0.108511	0.25	0.8048
TrashRatingCat[High]	-0.251555	0.202331	-1.24	0.2158
TrashRatingCat[Medium]	-0.601138	0.246362	-2.44	0.0159*
FeelSafeDayCat[High]	0.4753912	0.226928	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	6.495851	0.30590256	9.1283
Medium	9.029813	0.30867248	11.4296
Low	11.580134	0.29264643	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	11.580134
Medium	A B	9.029813
High	B	6.495851

Levels not connected by same letter are significantly different.

**TrashRatingCat****Least Squares Means Table**

		Least	
Level		Sq Mean	Std Error
High		6.835343	0.22171770
Medium		4.818797	0.31104439
Low		20.621936	0.56066400
			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	20.621936
High	A B	6.835343
Medium	B	4.818797

Levels not connected by same letter are significantly different.

**FeelSafeDayCat****Least Squares Means Table**

		Least	
Level		Sq Mean	Std Error
High		14.140646	0.22335083
Low		5.464490	0.45868238
			Mean
			10.2424
			4.4040

\* Std Errors are on transformed Y's

**OwnRent****Least Squares Means Table**

		Least	
Level		Sq Mean	Std Error
Own		11.431862	0.29005450
Rent		6.986811	0.29303654
Other		8.504178	0.38841033
			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	11.431862
Other	A B	8.504178
Rent	B	6.986811

Levels not connected by same letter are significantly different.

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

		Least	
Level		Sq Mean	Mean
1		8.1026263	9.2440
2		9.3560143	11.0346
3		8.7595686	10.8553
4		8.9916296	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	9.3560143
4	A	8.9916296
3	A	8.7595686
1	A	8.1026263

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**

$\alpha$	$\sigma$	$\delta$	Number	Power
0.0500	0.688944	0.077913	155	0.1865

**Scaled Estimates**

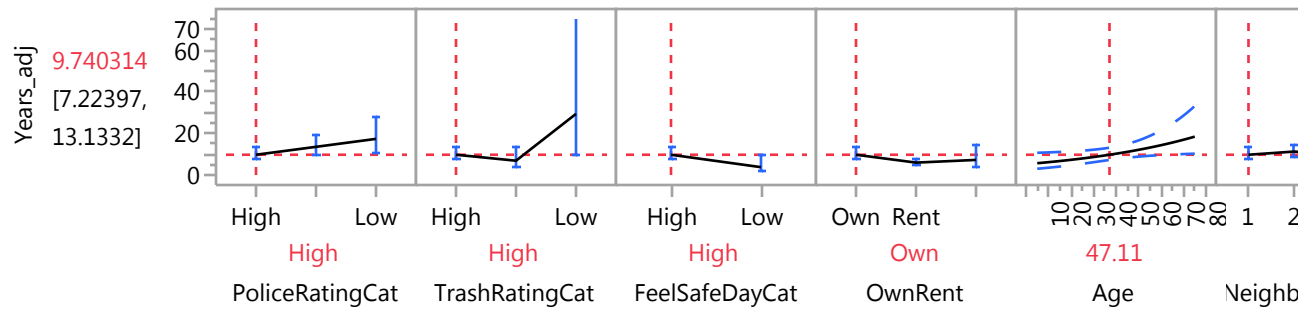
Nominal factors expanded to all levels

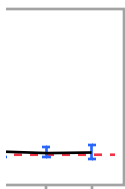
Continuous factors centered by mean, scaled by range/2

Term	Scaled			Std Error	t Ratio	Prob> t
	Estimate					
Intercept	2.1736621			0.280431	7.75	<.0001*
PoliceRatingCat[High]	-0.302498			0.092552	-3.27	0.0014*
PoliceRatingCat[Medium]	0.0268696			0.108511	0.25	0.8048
PoliceRatingCat[Low]	0.2756289			0.135027	2.04	0.0431*
TrashRatingCat[High]	-0.251555			0.202331	-1.24	0.2158
TrashRatingCat[Medium]	-0.601138			0.246362	-2.44	0.0159*
TrashRatingCat[Low]	0.8526933			0.350279	2.43	0.0162*
FeelSafeDayCat[High]	0.4753912			0.226928	2.09	0.0380*
FeelSafeDayCat[Low]	-0.475391			0.226928	-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

**Response Log(Years\_adj)****Scaled Estimates**

Term	Scaled Estimate	Std Error	t Ratio	Prob> t
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
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**



1  
Neighborhood ID