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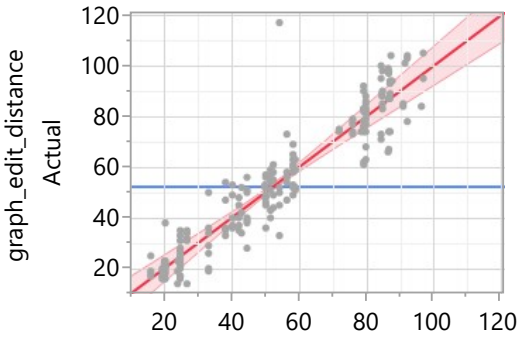
Fit Group

Response graph_edit_distance

Singularity Details

Term	Details
Intercept	= - 3*app_id[WordPress] + app_id[Open Energy ...
app_id[WordPress]	=app_id[eWeLink] - app_id[WordPress]*rag[1] + a...

Actual by Predicted Plot



RMSE=9.0328 RSq=0.89

PValue=<.0001

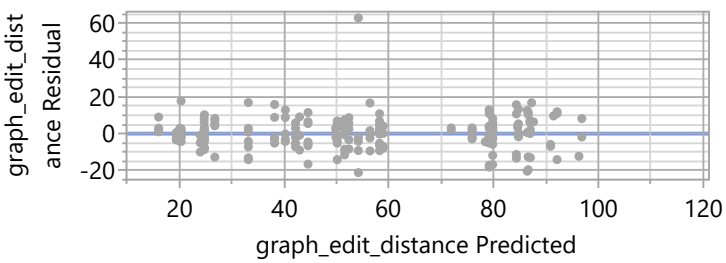
Effect Summary

Source	Logworth	PValue
app_id	46.829	0.00000
summarized	4.331	0.00005
app_id*rag	3.748	0.00018
app_id*summarized	2.013	0.00970
version*summarized	0.587	0.25869
rag*summarized	0.162	0.68897
app_id*version	0.149	0.71021
version*rag	0.146	0.71442
version	0.118	0.76160 ^
rag	.	.

Lack Of Fit

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	17	1877.218	110.425	1.4009
Pure Error	177	13951.577	78.822	**Prob > F**
Total Error	194	15828.795		0.1406
				Max RSq
				0.9055

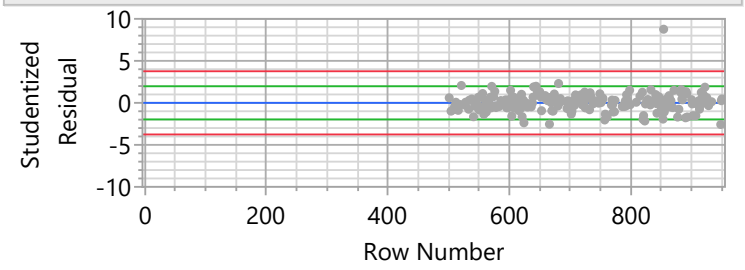
Residual by Predicted Plot



Fit Group

Response graph_edit_distance

Studentized Residuals



Externally studentized residuals with 95% simultaneous limits (Bonferroni) in red, individual limits in green.

Parameter Estimates

Term		Estimate	Std Error	t Ratio	Prob>|t|
Intercept	Biased	57.32329	1.301551	44.04	<.0001*
app_id[WordPress]	Biased	-18.49532	3.766586	-4.91	<.0001*
app_id[Open Energy Monitor]	Biased	-6.479901	1.602451	-4.04	<.0001*
app_id[JetRacer]	Biased	23.174466	1.830256	12.66	<.0001*
app_id[eWeLink]	Biased	-31.50812	1.540438	-20.45	<.0001*
version[v3]		-0.24483	1.013026	-0.24	0.8093
version[v2]		0.8610434	1.175329	0.73	0.4647
rag[1]	Biased	3.1013249	1.349637	2.30	0.0226*
summarized[1]		3.3744309	0.810051	4.17	<.0001*
app_id[WordPress]*version[v3]		2.5710394	1.847589	1.39	0.1656
app_id[WordPress]*version[v2]		-3.493675	1.887637	-1.85	0.0657
app_id[Open Energy Monitor]*version[v3]		-0.090207	1.560115	-0.06	0.9540
app_id[Open Energy Monitor]*version[v2]		-0.919259	1.758717	-0.52	0.6018
app_id[JetRacer]*version[v3]		-0.46434	1.723024	-0.27	0.7878
app_id[JetRacer]*version[v2]		1.2453461	1.978161	0.63	0.5297
app_id[eWeLink]*version[v3]		-0.866804	1.961725	-0.44	0.6591
app_id[eWeLink]*version[v2]		2.1173397	2.128973	0.99	0.3212
app_id[WordPress]*rag[1]	Biased	6.4000209	3.565325	1.80	0.0742
app_id[Open Energy Monitor]*rag[1]	Biased	-6.643339	1.720939	-3.86	0.0002*
app_id[JetRacer]*rag[1]	Zeroed	0	0	.	.
app_id[eWeLink]*rag[1]	Zeroed	0	0	.	.
app_id[WordPress]*summarized[1]		4.79869	1.350024	3.55	0.0005*
app_id[Open Energy Monitor]*summarized[1]		0.3895648	1.221912	0.32	0.7502
app_id[JetRacer]*summarized[1]		-1.332898	1.304606	-1.02	0.3082
app_id[eWeLink]*summarized[1]		-0.605232	1.460316	-0.41	0.6790
version[v3]*rag[1]		-0.815984	1.055272	-0.77	0.4403
version[v2]*rag[1]		-0.036753	1.193097	-0.03	0.9755
version[v3]*summarized[1]		-0.101696	0.862186	-0.12	0.9062
version[v2]*summarized[1]		-1.428489	0.939586	-1.52	0.1301
rag[1]*summarized[1]		0.3219669	0.803211	0.40	0.6890

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F	
app_id	4	2	32280.079	197.8147	<.0001*	LostDFs
version	2	2	44.504	0.2727	0.7616	
rag	1	0	0.000	.	.	LostDFs
summarized	1	1	1415.868	17.3531	<.0001*	
app_id*version	8	8	442.835	0.6784	0.7102	

Fit Group

Response graph_edit_distance

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F	
app_id*rag	4	2	1472.967	9.0265	0.0002*	LostDFs
app_id*summarized	4	4	1121.316	3.4358	0.0097*	
version*rag	2	2	54.972	0.3369	0.7144	
version*summarized	2	2	222.191	1.3616	0.2587	
rag*summarized	1	1	13.110	0.1607	0.6890	

Effect Details

app_id

Least Squares Means Table

Level	Least Sq Mean		Std Error	20 60 100	Mean
WordPress	0.0000	NonEstimable	.		28.891
Open Energy Monitor	50.8434		1.217		51.214
JetRacer	80.4978		1.378		80.500
eWeLink	0.0000	NonEstimable	.		22.514
BookInfo	90.6322		2.209		90.158

version

Least Squares Means Table

Level	Least Sq Mean		Std Error	20 60 100	Mean
v3	0	NonEstimable	.		54.010
v2	0	NonEstimable	.		50.600
v1	0	NonEstimable	.		51.115

rag

Least Squares Means Table

Level	Least Sq Mean		Std Error	20 60 100	Mean
1	0.0000	NonEstimable	.		66.597
0	54.2220		0.9037		45.373

summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error	20 60 100	Mean
1	0	NonEstimable	.		56.602
0	0	NonEstimable	.		48.140

app_id*version

Least Squares Means Table

Level	Least Sq Mean		Std Error	20 60 100
WordPress,v3	0.0000	NonEstimable	.	
WordPress,v2	0.0000	NonEstimable	.	
WordPress,v1	0.0000	NonEstimable	.	
Open Energy Monitor,v3	50.5084		1.551	
Open Energy Monitor,v2	50.7852		1.957	

Fit Group

Response graph_edit_distance

Effect Details

app_id*version

Least Squares Means Table

Level	Least Sq Mean		Std Error
Open Energy Monitor,v1	51.2366		2.682
JetRacer,v3	79.7886		1.824
JetRacer,v2	82.6041		2.366
JetRacer,v1	79.1005		2.853
eWeLink,v3	0.0000	NonEstimable	.
eWeLink,v2	0.0000	NonEstimable	.
eWeLink,v1	0.0000	NonEstimable	.
BookInfo,v3	89.2377		3.142
BookInfo,v2	92.5435		4.368
BookInfo,v1	90.1154		4.158

app_id*rag

Least Squares Means Table

Level	Least Sq Mean		Std Error
WordPress,1	0.0000	NonEstimable	.
WordPress,0	29.3266		1.347
Open Energy Monitor,1	47.3014		1.595
Open Energy Monitor,0	54.3854		1.757
JetRacer,1	83.5991		1.731
JetRacer,0	77.3964		2.108
eWeLink,1	0.0000	NonEstimable	.
eWeLink,0	22.7138		1.609
BookInfo,1	93.9768		3.352
BookInfo,0	87.2875		2.802

app_id*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
WordPress,1	0.0000	NonEstimable	.
WordPress,0	0.0000	NonEstimable	.
Open Energy Monitor,1	54.6074		1.536
Open Energy Monitor,0	47.0794		1.866
JetRacer,1	82.5393		1.965
JetRacer,0	78.4562		1.854
eWeLink,1	0.0000	NonEstimable	.
eWeLink,0	0.0000	NonEstimable	.
BookInfo,1	90.7565		3.219
BookInfo,0	90.5079		3.228

Fit Group

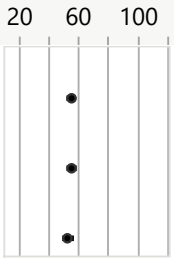
Response graph_edit_distance

Effect Details

version*rag

Least Squares Means Table

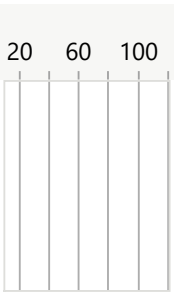
Level	Least Sq Mean		Std Error
v3,1	0.0000	NonEstimable	.
v3,0	54.7931		1.203
v2,1	0.0000	NonEstimable	.
v2,0	55.1198		1.515
v1,1	0.0000	NonEstimable	.
v1,0	52.7530		1.836



version*summarized

Least Squares Means Table

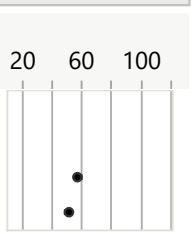
Level	Least Sq Mean		Std Error
v3,1	0	NonEstimable	.
v3,0	0	NonEstimable	.
v2,1	0	NonEstimable	.
v2,0	0	NonEstimable	.
v1,1	0	NonEstimable	.
v1,0	0	NonEstimable	.



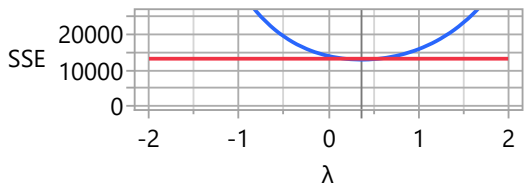
rag*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
1,1	0.0000	NonEstimable	.
1,0	0.0000	NonEstimable	.
0,1	57.2744		1.256
0,0	51.1695		1.256



Box-Cox Transformations



Best λ=0.369

Scaled Estimates

Nominal factors expanded to all levels

Term	Scaled Estimate		Std Error	t Ratio	Prob>|t|
Intercept	57.32329		1.301551	44.04	<.0001*
app_id[WordPress]	-18.49532		3.766586	-4.91	<.0001*
app_id[Open Energy Monitor]	-6.479901		1.602451	-4.04	<.0001*
app_id[JetRacer]	23.174466		1.830256	12.66	<.0001*
app_id[eWeLink]	-31.50812		1.540438	-20.45	<.0001*
app_id[BookInfo]	33.30888		2.226319	14.96	<.0001*
version[v3]	-0.24483		1.013026	-0.24	0.8093
version[v2]	0.8610434		1.175329	0.73	0.4647

Fit Group

Response graph_edit_distance

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
version[v1]	-0.616214	1.161783	-0.53	0.5964
rag[1]	3.1013249	1.349637	2.30	0.0226*
rag[0]	-3.101325	1.349637	-2.30	0.0226*
summarized[1]	3.3744309	0.810051	4.17	<.0001*
summarized[0]	-3.374431	0.810051	-4.17	<.0001*
app_id[WordPress]*version[v3]	2.5710394	1.847589	1.39	0.1656
app_id[WordPress]*version[v2]	-3.493675	1.887637	-1.85	0.0657
app_id[WordPress]*version[v1]	0.9226356	2.075142	0.44	0.6571
app_id[Open Energy Monitor]*version[v3]	-0.090207	1.560115	-0.06	0.9540
app_id[Open Energy Monitor]*version[v2]	-0.919259	1.758717	-0.52	0.6018
app_id[Open Energy Monitor]*version[v1]	1.0094656	2.021507	0.50	0.6181
app_id[JetRacer]*version[v3]	-0.46434	1.723024	-0.27	0.7878
app_id[JetRacer]*version[v2]	1.2453461	1.978161	0.63	0.5297
app_id[JetRacer]*version[v1]	-0.781006	2.176142	-0.36	0.7201
app_id[eWeLink]*version[v3]	-0.866804	1.961725	-0.44	0.6591
app_id[eWeLink]*version[v2]	2.1173397	2.128973	0.99	0.3212
app_id[eWeLink]*version[v1]	-1.250536	2.353413	-0.53	0.5958
app_id[BookInfo]*version[v3]	-1.149689	2.441974	-0.47	0.6383
app_id[BookInfo]*version[v2]	1.050248	2.892193	0.36	0.7169
app_id[BookInfo]*version[v1]	0.0994412	2.736435	0.04	0.9710
app_id[WordPress]*rag[1]	6.4000209	3.565325	1.80	0.0742
app_id[WordPress]*rag[0]	-6.400021	3.565325	-1.80	0.0742
app_id[Open Energy Monitor]*rag[1]	-6.643339	1.720939	-3.86	0.0002*
app_id[Open Energy Monitor]*rag[0]	6.6433388	1.720939	3.86	0.0002*
app_id[JetRacer]*rag[1]	0	0	0.00	1.0000
app_id[JetRacer]*rag[0]	0	0	0.00	1.0000
app_id[eWeLink]*rag[1]	0	0	0.00	1.0000
app_id[eWeLink]*rag[0]	0	0	0.00	1.0000
app_id[BookInfo]*rag[1]	0.2433179	2.513182	0.10	0.9230
app_id[BookInfo]*rag[0]	-0.243318	2.513182	-0.10	0.9230
app_id[WordPress]*summarized[1]	4.79869	1.350024	3.55	0.0005*
app_id[WordPress]*summarized[0]	-4.79869	1.350024	-3.55	0.0005*
app_id[Open Energy Monitor]*summarized[1]	0.3895648	1.221912	0.32	0.7502
app_id[Open Energy Monitor]*summarized[0]	-0.389565	1.221912	-0.32	0.7502
app_id[JetRacer]*summarized[1]	-1.332898	1.304606	-1.02	0.3082
app_id[JetRacer]*summarized[0]	1.3328975	1.304606	1.02	0.3082
app_id[eWeLink]*summarized[1]	-0.605232	1.460316	-0.41	0.6790
app_id[eWeLink]*summarized[0]	0.6052324	1.460316	0.41	0.6790
app_id[BookInfo]*summarized[1]	-3.250125	1.937165	-1.68	0.0950
app_id[BookInfo]*summarized[0]	3.2501249	1.937165	1.68	0.0950
version[v3]*rag[1]	-0.815984	1.055272	-0.77	0.4403
version[v3]*rag[0]	0.815984	1.055272	0.77	0.4403
version[v2]*rag[1]	-0.036753	1.193097	-0.03	0.9755
version[v2]*rag[0]	0.0367525	1.193097	0.03	0.9755
version[v1]*rag[1]	0.8527365	1.334878	0.64	0.5237
version[v1]*rag[0]	-0.852737	1.334878	-0.64	0.5237
version[v3]*summarized[1]	-0.101696	0.862186	-0.12	0.9062
version[v3]*summarized[0]	0.1016964	0.862186	0.12	0.9062
version[v2]*summarized[1]	-1.428489	0.939586	-1.52	0.1301

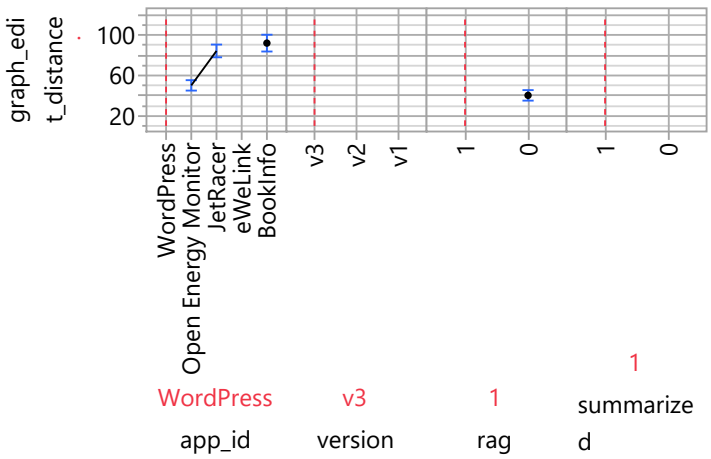
Fit Group

Response graph_edit_distance

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
version[v2]*summarized[0]	1.428489	0.939586	1.52	0.1301
version[v1]*summarized[1]	1.5301854	1.050934	1.46	0.1470
version[v1]*summarized[0]	-1.530185	1.050934	-1.46	0.1470
rag[1]*summarized[1]	0.3219669	0.803211	0.40	0.6890
rag[1]*summarized[0]	-0.321967	0.803211	-0.40	0.6890
rag[0]*summarized[1]	-0.321967	0.803211	-0.40	0.6890
rag[0]*summarized[0]	0.3219669	0.803211	0.40	0.6890

Prediction Profiler

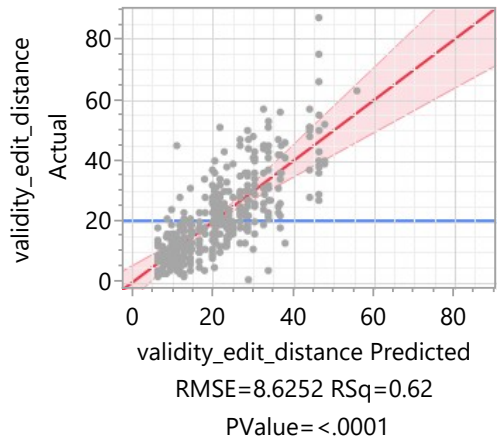


Response validity_edit_distance

Singularity Details

Term	Details
Intercept	= - 4*app_id[WordPress] + app_id[Stack4Things] ...
app_id[WordPress]	=app_id[eWeLink] - app_id[WordPress]*rag[1] + a...

Actual by Predicted Plot



Fit Group

Response validity_edit_distance

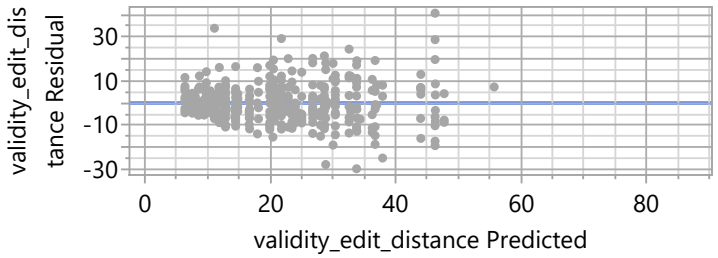
Effect Summary

Source	Logworth	PValue
app_id	26.328	0.00000
app_id*rag	24.802	0.00000
summarized	20.974	0.00000
app_id*summarized	3.055	0.00088
version	1.743	0.01808
rag*summarized	1.137	0.07301
version*summarized	1.065	0.08611
version*rag	1.016	0.09633
app_id*version	0.690	0.20400
rag	.	.

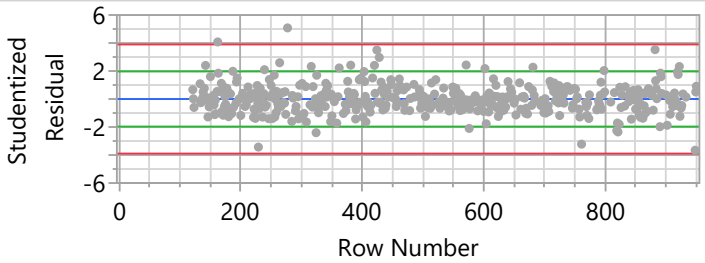
Lack Of Fit

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	22	1826.587	83.0267	1.1236
Pure Error	381	28154.510	73.8964	**Prob > F**
Total Error	403	29981.097		0.3180
				Max RSq
				0.6395

Residual by Predicted Plot



Studentized Residuals



Externally studentized residuals with 95% simultaneous limits (Bonferroni) in red, individual limits in green.

Parameter Estimates

Term		Estimate	Std Error	t Ratio	Prob>|t|
Intercept	Biased	31.269716	1.085032	28.82	<.0001*
app_id[WordPress]	Biased	19.667869	3.869768	5.08	<.0001*
app_id[Stack4Things]	Biased	10.882506	3.156268	3.45	0.0006*
app_id[Open Energy Monitor]	Biased	-16.56626	1.290985	-12.83	<.0001*
app_id[JetRacer]	Biased	-5.918786	1.500799	-3.94	<.0001*
app_id[eWeLink]	Biased	-7.017366	1.243947	-5.64	<.0001*
version[v3]		-0.130957	0.840247	-0.16	0.8762

Fit Group

Response validity_edit_distance

Parameter Estimates

Term		Estimate	Std Error	t Ratio	Prob>|t|
version[v2]		2.9084605	1.021843	2.85	0.0046*
rag[1]	Biased	9.6928684	0.994032	9.75	<.0001*
summarized[1]		5.758046	0.567405	10.15	<.0001*
app_id[WordPress]*version[v3]		3.0603786	1.391643	2.20	0.0284*
app_id[WordPress]*version[v2]		-2.373213	1.599709	-1.48	0.1387
app_id[Stack4Things]*version[v3]		-2.890049	2.959747	-0.98	0.3294
app_id[Stack4Things]*version[v2]		3.8404036	3.580132	1.07	0.2840
app_id[Open Energy Monitor]*version[v3]		-0.830317	1.196475	-0.69	0.4881
app_id[Open Energy Monitor]*version[v2]		-2.393409	1.424993	-1.68	0.0938
app_id[JetRacer]*version[v3]		-1.005292	1.352739	-0.74	0.4578
app_id[JetRacer]*version[v2]		1.4434811	1.66258	0.87	0.3858
app_id[eWeLink]*version[v3]		1.3896322	1.491873	0.93	0.3522
app_id[eWeLink]*version[v2]		-1.345009	1.721567	-0.78	0.4351
app_id[WordPress]*rag[1]	Biased	24.702596	3.723667	6.63	<.0001*
app_id[Stack4Things]*rag[1]	Biased	-7.693786	1.973075	-3.90	0.0001*
app_id[Open Energy Monitor]*rag[1]	Biased	-13.73464	1.22791	-11.19	<.0001*
app_id[JetRacer]*rag[1]	Zeroed	0	0	.	.
app_id[eWeLink]*rag[1]	Zeroed	0	0	.	.
app_id[WordPress]*summarized[1]		0.5632799	1.012934	0.56	0.5785
app_id[Stack4Things]*summarized[1]		2.4620277	1.532492	1.61	0.1089
app_id[Open Energy Monitor]*summarized[1]		-2.738272	0.820137	-3.34	0.0009*
app_id[JetRacer]*summarized[1]		-1.32853	0.954269	-1.39	0.1646
app_id[eWeLink]*summarized[1]		-2.041613	1.080248	-1.89	0.0595
version[v3]*rag[1]		-0.351987	0.715665	-0.49	0.6231
version[v2]*rag[1]		1.8799899	0.873585	2.15	0.0320*
version[v3]*summarized[1]		-0.315309	0.582005	-0.54	0.5883
version[v2]*summarized[1]		1.5260799	0.694708	2.20	0.0286*
rag[1]*summarized[1]		-0.943981	0.525171	-1.80	0.0730

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F	
app_id	5	3	10952.644	49.0744	<.0001*	LostDFs
version	2	2	603.061	4.0531	0.0181*	
rag	1	0	0.000	.	.	LostDFs
summarized	1	1	7661.367	102.9826	<.0001*	
app_id*version	10	10	1000.874	1.3454	0.2040	
app_id*rag	5	3	10240.410	45.8832	<.0001*	LostDFs
app_id*summarized	5	5	1582.416	4.2541	0.0009*	
version*rag	2	2	350.190	2.3536	0.0963	
version*summarized	2	2	367.079	2.4671	0.0861	
rag*summarized	1	1	240.363	3.2309	0.0730	

Fit Group

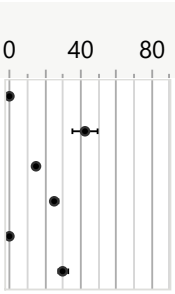
Response validity_edit_distance

Effect Details

app_id

Least Squares Means Table

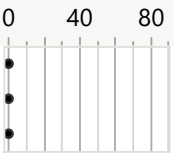
Level	Least Sq Mean		Std Error	Mean
WordPress	0.0000	NonEstimable	.	16.130
Stack4Things	42.1522		3.552	36.567
Open Energy Monitor	14.7035		0.843	14.515
JetRacer	25.3509		1.014	26.652
eWeLink	0.0000	NonEstimable	.	15.097
BookInfo	30.2218		1.547	28.000



version

Least Squares Means Table

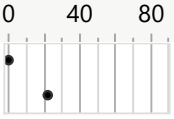
Level	Least Sq Mean		Std Error	Mean
v3	0	NonEstimable	.	21.178
v2	0	NonEstimable	.	19.774
v1	0	NonEstimable	.	18.936



rag

Least Squares Means Table

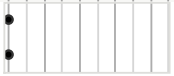
Level	Least Sq Mean		Std Error	Mean
1	0.0000	NonEstimable	.	23.979
0	21.5768		0.8012	18.546



summarized

Least Squares Means Table

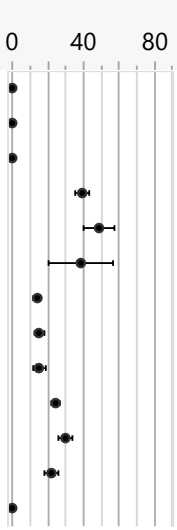
Level	Least Sq Mean		Std Error	Mean
1	0	NonEstimable	.	24.573
0	0	NonEstimable	.	16.133



app_id*version

Least Squares Means Table

Level	Least Sq Mean		Std Error
WordPress,v3	0.0000	NonEstimable	.
WordPress,v2	0.0000	NonEstimable	.
WordPress,v1	0.0000	NonEstimable	.
Stack4Things,v3	39.1312		1.880
Stack4Things,v2	48.9011		4.437
Stack4Things,v1	38.4244		9.121
Open Energy Monitor,v3	13.7422		1.020
Open Energy Monitor,v2	15.2185		1.530
Open Energy Monitor,v1	15.1497		1.738
JetRacer,v3	24.2147		1.272
JetRacer,v2	29.7029		1.946
JetRacer,v1	22.1352		1.908
eWeLink,v3	0.0000	NonEstimable	.



Fit Group

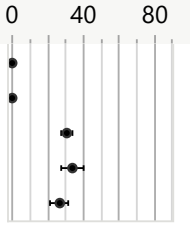
Response validity_edit_distance

Effect Details

app_id*version

Least Squares Means Table

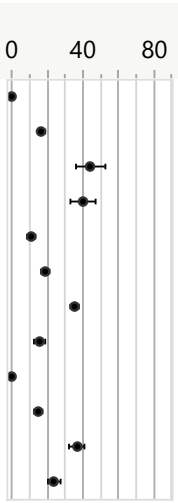
Level	Least Sq Mean		Std Error
eWeLink,v2	0.0000	NonEstimable	.
eWeLink,v1	0.0000	NonEstimable	.
BookInfo,v3	30.3664		1.670
BookInfo,v2	33.9580		3.296
BookInfo,v1	26.3409		2.768



app_id*rag

Least Squares Means Table

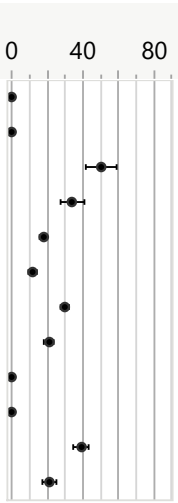
Level	Least Sq Mean		Std Error
WordPress,1	0.0000	NonEstimable	.
WordPress,0	16.5421		1.019
Stack4Things,1	44.1513		4.280
Stack4Things,0	40.1531		3.630
Open Energy Monitor,1	10.6617		1.151
Open Energy Monitor,0	18.7452		1.176
JetRacer,1	35.0438		1.236
JetRacer,0	15.6581		1.582
eWeLink,1	0.0000	NonEstimable	.
eWeLink,0	14.5595		1.168
BookInfo,1	36.6405		2.321
BookInfo,0	23.8031		1.777



app_id*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
WordPress,1	0.0000	NonEstimable	.
WordPress,0	0.0000	NonEstimable	.
Stack4Things,1	50.3723		4.459
Stack4Things,0	33.9321		3.454
Open Energy Monitor,1	17.7232		1.093
Open Energy Monitor,0	11.6837		1.225
JetRacer,1	29.7804		1.261
JetRacer,0	20.9214		1.516
eWeLink,1	0.0000	NonEstimable	.
eWeLink,0	0.0000	NonEstimable	.
BookInfo,1	39.0629		2.184
BookInfo,0	21.3806		1.928



Fit Group

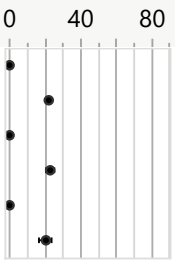
Response validity_edit_distance

Effect Details

version*rag

Least Squares Means Table

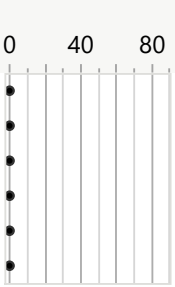
Level	Least Sq Mean		Std Error
v3,1	0.0000	NonEstimable	.
v3,0	21.7979		0.740
v2,1	0.0000	NonEstimable	.
v2,0	22.6053		1.292
v1,1	0.0000	NonEstimable	.
v1,0	20.3273		1.804



version*summarized

Least Squares Means Table

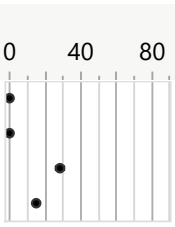
Level	Least Sq Mean		Std Error
v3,1	0	NonEstimable	.
v3,0	0	NonEstimable	.
v2,1	0	NonEstimable	.
v2,0	0	NonEstimable	.
v1,1	0	NonEstimable	.
v1,0	0	NonEstimable	.



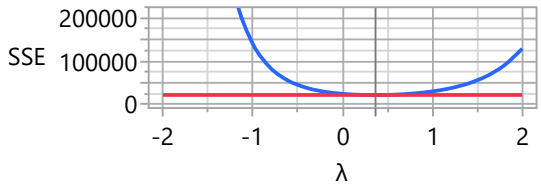
rag*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
1,1	0.0000	NonEstimable	.
1,0	0.0000	NonEstimable	.
0,1	28.2789		1.073
0,0	14.8748		0.968



Box-Cox Transformations



Best λ=0.36

Scaled Estimates

Nominal factors expanded to all levels

Term	Scaled Estimate		Std Error	t Ratio	Prob>|t|
Intercept	31.269716		1.085032	28.82	<.0001*
app_id[WordPress]	19.667869		3.869768	5.08	<.0001*
app_id[Stack4Things]	10.882506		3.156268	3.45	0.0006*
app_id[Open Energy Monitor]	-16.56626		1.290985	-12.83	<.0001*
app_id[JetRacer]	-5.918786		1.500799	-3.94	<.0001*
app_id[eWeLink]	-7.017366		1.243947	-5.64	<.0001*
app_id[BookInfo]	-1.047961		1.715876	-0.61	0.5417
version[v3]	-0.130957		0.840247	-0.16	0.8762

Fit Group

Response validity_edit_distance

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
version[v2]	2.9084605	1.021843	2.85	0.0046*
version[v1]	-2.777504	1.270514	-2.19	0.0294*
rag[1]	9.6928684	0.994032	9.75	<.0001*
rag[0]	-9.692868	0.994032	-9.75	<.0001*
summarized[1]	5.758046	0.567405	10.15	<.0001*
summarized[0]	-5.758046	0.567405	-10.15	<.0001*
app_id[WordPress]*version[v3]	3.0603786	1.391643	2.20	0.0284*
app_id[WordPress]*version[v2]	-2.373213	1.599709	-1.48	0.1387
app_id[WordPress]*version[v1]	-0.687166	1.778613	-0.39	0.6994
app_id[Stack4Things]*version[v3]	-2.890049	2.959747	-0.98	0.3294
app_id[Stack4Things]*version[v2]	3.8404036	3.580132	1.07	0.2840
app_id[Stack4Things]*version[v1]	-0.950355	5.163806	-0.18	0.8541
app_id[Open Energy Monitor]*version[v3]	-0.830317	1.196475	-0.69	0.4881
app_id[Open Energy Monitor]*version[v2]	-2.393409	1.424993	-1.68	0.0938
app_id[Open Energy Monitor]*version[v1]	3.2237259	1.696514	1.90	0.0581
app_id[JetRacer]*version[v3]	-1.005292	1.352739	-0.74	0.4578
app_id[JetRacer]*version[v2]	1.4434811	1.66258	0.87	0.3858
app_id[JetRacer]*version[v1]	-0.438189	1.858008	-0.24	0.8137
app_id[eWeLink]*version[v3]	1.3896322	1.491873	0.93	0.3522
app_id[eWeLink]*version[v2]	-1.345009	1.721567	-0.78	0.4351
app_id[eWeLink]*version[v1]	-0.044624	1.959117	-0.02	0.9818
app_id[BookInfo]*version[v3]	0.275647	1.65855	0.17	0.8681
app_id[BookInfo]*version[v2]	0.8277454	2.165015	0.38	0.7024
app_id[BookInfo]*version[v1]	-1.103392	2.173199	-0.51	0.6119
app_id[WordPress]*rag[1]	24.702596	3.723667	6.63	<.0001*
app_id[WordPress]*rag[0]	-24.7026	3.723667	-6.63	<.0001*
app_id[Stack4Things]*rag[1]	-7.693786	1.973075	-3.90	0.0001*
app_id[Stack4Things]*rag[0]	7.693786	1.973075	3.90	0.0001*
app_id[Open Energy Monitor]*rag[1]	-13.73464	1.22791	-11.19	<.0001*
app_id[Open Energy Monitor]*rag[0]	13.734641	1.22791	11.19	<.0001*
app_id[JetRacer]*rag[1]	0	0	0.00	1.0000
app_id[JetRacer]*rag[0]	0	0	0.00	1.0000
app_id[eWeLink]*rag[1]	0	0	0.00	1.0000
app_id[eWeLink]*rag[0]	0	0	0.00	1.0000
app_id[BookInfo]*rag[1]	-3.274169	1.654908	-1.98	0.0486*
app_id[BookInfo]*rag[0]	3.2741688	1.654908	1.98	0.0486*
app_id[WordPress]*summarized[1]	0.5632799	1.012934	0.56	0.5785
app_id[WordPress]*summarized[0]	-0.56328	1.012934	-0.56	0.5785
app_id[Stack4Things]*summarized[1]	2.4620277	1.532492	1.61	0.1089
app_id[Stack4Things]*summarized[0]	-2.462028	1.532492	-1.61	0.1089
app_id[Open Energy Monitor]*summarized[1]	-2.738272	0.820137	-3.34	0.0009*
app_id[Open Energy Monitor]*summarized[0]	2.7382724	0.820137	3.34	0.0009*
app_id[JetRacer]*summarized[1]	-1.32853	0.954269	-1.39	0.1646
app_id[JetRacer]*summarized[0]	1.3285296	0.954269	1.39	0.1646
app_id[eWeLink]*summarized[1]	-2.041613	1.080248	-1.89	0.0595
app_id[eWeLink]*summarized[0]	2.0416129	1.080248	1.89	0.0595
app_id[BookInfo]*summarized[1]	3.0831074	1.193305	2.58	0.0101*
app_id[BookInfo]*summarized[0]	-3.083107	1.193305	-2.58	0.0101*
version[v3]*rag[1]	-0.351987	0.715665	-0.49	0.6231

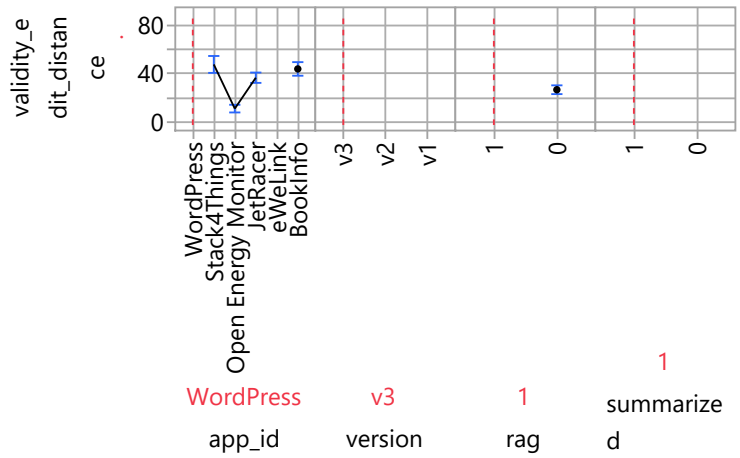
Fit Group

Response validity_edit_distance

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
version[v3]*rag[0]	0.3519868	0.715665	0.49	0.6231
version[v2]*rag[1]	1.8799899	0.873585	2.15	0.0320*
version[v2]*rag[0]	-1.87999	0.873585	-2.15	0.0320*
version[v1]*rag[1]	-1.528003	0.916247	-1.67	0.0962
version[v1]*rag[0]	1.5280031	0.916247	1.67	0.0962
version[v3]*summarized[1]	-0.315309	0.582005	-0.54	0.5883
version[v3]*summarized[0]	0.315309	0.582005	0.54	0.5883
version[v2]*summarized[1]	1.5260799	0.694708	2.20	0.0286*
version[v2]*summarized[0]	-1.52608	0.694708	-2.20	0.0286*
version[v1]*summarized[1]	-1.210771	0.71411	-1.70	0.0908
version[v1]*summarized[0]	1.2107709	0.71411	1.70	0.0908
rag[1]*summarized[1]	-0.943981	0.525171	-1.80	0.0730
rag[1]*summarized[0]	0.9439812	0.525171	1.80	0.0730
rag[0]*summarized[1]	0.9439812	0.525171	1.80	0.0730
rag[0]*summarized[0]	-0.943981	0.525171	-1.80	0.0730

Prediction Profiler



Response mean_in_tok

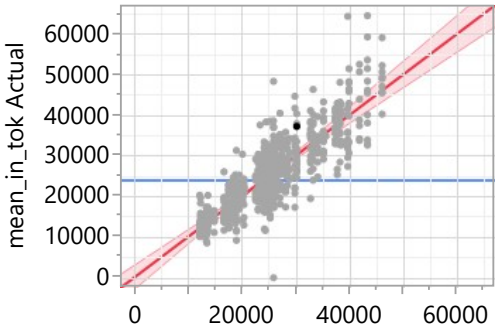
Singularity Details

Term	Details
Intercept	= - 4*app_id[WordPress] + app_id[Stack4Things] ...
app_id[WordPress]	=app_id[eWeLink] - app_id[WordPress]*rag[1] + a...

Fit Group

Response mean_in_tok

Actual by Predicted Plot



RMSE=4467.6 RSq=0.77

PValue=<.0001

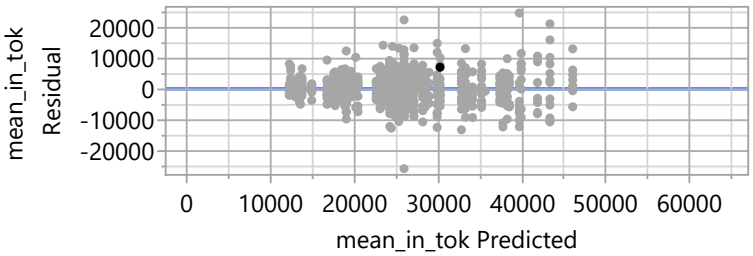
Effect Summary

Source	Logworth	PValue
summarized	109.182	0.00000
app_id	59.334	0.00000
app_id*rag	42.558	0.00000
version	33.478	0.00000
app_id*version	10.446	0.00000
app_id*summarized	9.273	0.00000
version*rag	2.316	0.00483
version*summarized	0.984	0.10364
rag*summarized	0.166	0.68259
rag	.	.

Lack Of Fit

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	27	902972000	33443407	1.7107
Pure Error	890	1.7399e+10	19549948	**Prob > F**
Total Error	917	1.8302e+10		0.0138*
				Max RSq
				0.7775

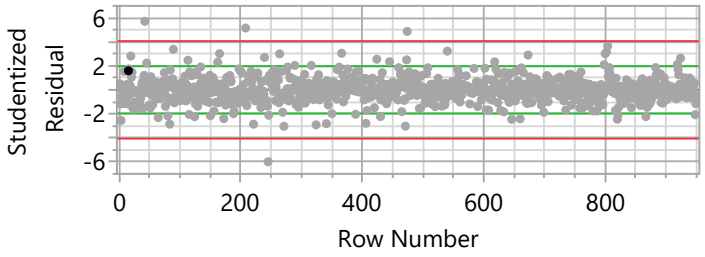
Residual by Predicted Plot



Fit Group

Response mean_in_tok

Studentized Residuals



Externally studentized residuals with 95% simultaneous limits (Bonferroni) in red, individual limits in green.

Parameter Estimates

Term		Estimate	Std Error	t Ratio	Prob>|t|
Intercept	Biased	29073.687	332.6429	87.40	<.0001*
app_id[WordPress]	Biased	8457.4755	1208.896	7.00	<.0001*
app_id[Stack4Things]	Biased	5048.405	573.1182	8.81	<.0001*
app_id[Open Energy Monitor]	Biased	-6006.728	417.941	-14.37	<.0001*
app_id[JetRacer]	Biased	-3282.052	379.87	-8.64	<.0001*
app_id[eWeLink]	Biased	-2372.27	397.9949	-5.96	<.0001*
version[v3]		3012.781	234.4214	12.85	<.0001*
version[v2]		-1063.654	256.6051	-4.15	<.0001*
rag[1]	Biased	7227.2423	317.1727	22.79	<.0001*
summarized[1]		4484.7303	174.7444	25.66	<.0001*
app_id[WordPress]*version[v3]		855.3209	512.0962	1.67	0.0952
app_id[WordPress]*version[v2]		-216.9909	564.6914	-0.38	0.7009
app_id[Stack4Things]*version[v3]		2573.6363	594.0809	4.33	<.0001*
app_id[Stack4Things]*version[v2]		-1102.502	710.6113	-1.55	0.1211
app_id[Open Energy Monitor]*version[v3]		-1500.193	407.3719	-3.68	0.0002*
app_id[Open Energy Monitor]*version[v2]		645.29286	433.4718	1.49	0.1369
app_id[JetRacer]*version[v3]		-2726.075	411.0294	-6.63	<.0001*
app_id[JetRacer]*version[v2]		1386.0076	437.2213	3.17	0.0016*
app_id[eWeLink]*version[v3]		-195.6926	535.6066	-0.37	0.7149
app_id[eWeLink]*version[v2]		-492.8252	576.8413	-0.85	0.3931
app_id[WordPress]*rag[1]	Biased	12267.385	1168.187	10.50	<.0001*
app_id[Stack4Things]*rag[1]	Biased	-5649.801	608.4397	-9.29	<.0001*
app_id[Open Energy Monitor]*rag[1]	Biased	-5602.35	437.8206	-12.80	<.0001*
app_id[JetRacer]*rag[1]	Zeroed	0	0	.	.
app_id[eWeLink]*rag[1]	Zeroed	0	0	.	.
app_id[WordPress]*summarized[1]		-1481.346	379.7426	-3.90	0.0001*
app_id[Stack4Things]*summarized[1]		-71.87685	450.6976	-0.16	0.8733
app_id[Open Energy Monitor]*summarized[1]		-836.3169	297.6736	-2.81	0.0051*
app_id[JetRacer]*summarized[1]		1531.3222	301.9931	5.07	<.0001*
app_id[eWeLink]*summarized[1]		-190.9782	392.7889	-0.49	0.6269
version[v3]*rag[1]		594.15937	233.169	2.55	0.0110*
version[v2]*rag[1]		152.50214	246.3168	0.62	0.5360
version[v3]*summarized[1]		-177.9446	200.4923	-0.89	0.3750
version[v2]*summarized[1]		453.22872	213.0489	2.13	0.0337*
rag[1]*summarized[1]		-69.96959	171.0474	-0.41	0.6826

Fit Group

Response mean_in_tok

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F	
app_id	5	3	6489055742	108.3730	<.0001*	LostDFs
version	2	2	3350874489	83.9438	<.0001*	
rag	1	0	0	.	.	LostDFs
summarized	1	1	1.3146e+10	658.6670	<.0001*	
app_id*version	10	10	1455624656	7.2931	<.0001*	
app_id*rag	5	3	4478901603	74.8016	<.0001*	LostDFs
app_id*summarized	5	5	1066623436	10.6881	<.0001*	
version*rag	2	2	214085916	5.3631	0.0048*	
version*summarized	2	2	90711859.8	2.2725	0.1036	
rag*summarized	1	1	3339834.94	0.1673	0.6826	

Effect Details

app_id

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 20000 60000	Mean
WordPress	0.0	NonEstimable	.		18106
Stack4Things	34122.1		551.0		35012
Open Energy Monitor	23067.0		303.2		23225
JetRacer	25791.6		317.0		23871
eWeLink	0.0	NonEstimable	.		19667
BookInfo	27228.9		320.3		26121

version

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 20000 60000	Mean
v3	0	NonEstimable	.		26147
v2	0	NonEstimable	.		22816
v1	0	NonEstimable	.		22044

rag

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 20000 60000	Mean
1	0.0	NonEstimable	.		30545
0	21846.4		193.8		20619

summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 20000 60000	Mean
1	0	NonEstimable	.		28427
0	0	NonEstimable	.		19890

Fit Group

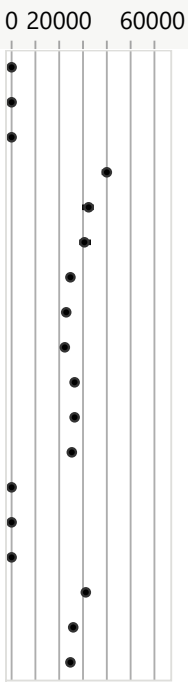
Response mean_in_tok

Effect Details

app_id*version

Least Squares Means Table

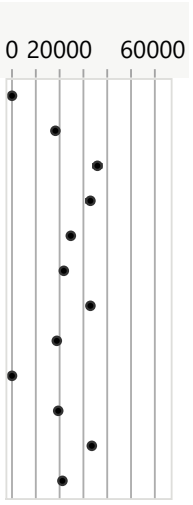
Level	Least Sq Mean		Std Error
WordPress,v3	0.0	NonEstimable	.
WordPress,v2	0.0	NonEstimable	.
WordPress,v1	0.0	NonEstimable	.
Stack4Things,v3	39708.5		697
Stack4Things,v2	31955.9		1026
Stack4Things,v1	30701.8		1089
Open Energy Monitor,v3	24579.5		479
Open Energy Monitor,v2	22648.6		550
Open Energy Monitor,v1	21972.7		542
JetRacer,v3	26078.3		517
JetRacer,v2	26114.0		566
JetRacer,v1	25182.6		538
eWeLink,v3	0.0	NonEstimable	.
eWeLink,v2	0.0	NonEstimable	.
eWeLink,v1	0.0	NonEstimable	.
BookInfo,v3	31234.6		534
BookInfo,v2	25946.2		551
BookInfo,v1	24505.7		571



app_id*rag

Least Squares Means Table

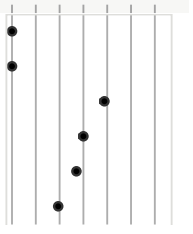
Level	Least Sq Mean		Std Error
WordPress,1	0.0	NonEstimable	.
WordPress,0	18036.5		411.0
Stack4Things,1	35699.5		816.2
Stack4Things,0	32544.7		697.0
Open Energy Monitor,1	24691.9		445.9
Open Energy Monitor,0	21442.1		408.9
JetRacer,1	33018.9		491.7
JetRacer,0	18564.4		400.6
eWeLink,1	0.0	NonEstimable	.
eWeLink,0	19474.2		425.6
BookInfo,1	33440.9		474.7
BookInfo,0	21016.8		428.2



app_id*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
WordPress,1	0.0	NonEstimable	.
WordPress,0	0.0	NonEstimable	.
Stack4Things,1	38534.9		786.8
Stack4Things,0	29709.2		720.5
Open Energy Monitor,1	26715.4		417.2
Open Energy Monitor,0	19418.5		437.6



Fit Group

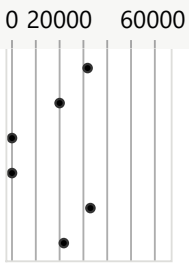
Response mean_in_tok

Effect Details

app_id*summarized

Least Squares Means Table

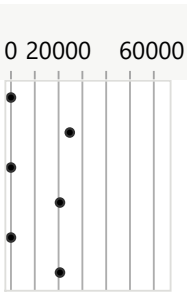
Level	Least Sq Mean		Std Error
JetRacer,1	31807.7		477.1
JetRacer,0	19775.6		414.2
eWeLink,1	0.0	NonEstimable	.
eWeLink,0	0.0	NonEstimable	.
BookInfo,1	32762.8		474.6
BookInfo,0	21694.9		429.2



version*rag

Least Squares Means Table

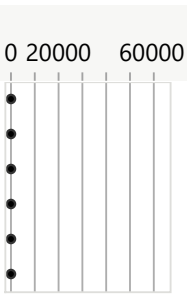
Level	Least Sq Mean		Std Error
v3,1	0.0	NonEstimable	.
v3,0	24265.1		293.6
v2,1	0.0	NonEstimable	.
v2,0	20630.3		356.5
v1,1	0.0	NonEstimable	.
v1,0	20644.0		336.9



version*summarized

Least Squares Means Table

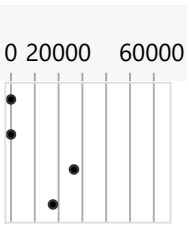
Level	Least Sq Mean		Std Error
v3,1	0	NonEstimable	.
v3,0	0	NonEstimable	.
v2,1	0	NonEstimable	.
v2,0	0	NonEstimable	.
v1,1	0	NonEstimable	.
v1,0	0	NonEstimable	.



rag*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
1,1	0.0	NonEstimable	.
1,0	0.0	NonEstimable	.
0,1	26401.1		278.9
0,0	17291.7		260.1



Scaled Estimates

Nominal factors expanded to all levels

Fit Group

Response mean_in_tok

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
Intercept	29073.687	332.6429	87.40	<.0001*
app_id[WordPress]	8457.4755	1208.896	7.00	<.0001*
app_id[Stack4Things]	5048.405	573.1182	8.81	<.0001*
app_id[Open Energy Monitor]	-6006.728	417.941	-14.37	<.0001*
app_id[JetRacer]	-3282.052	379.87	-8.64	<.0001*
app_id[eWeLink]	-2372.27	397.9949	-5.96	<.0001*
app_id[BookInfo]	-1844.83	427.5644	-4.31	<.0001*
version[v3]	3012.781	234.4214	12.85	<.0001*
version[v2]	-1063.654	256.6051	-4.15	<.0001*
version[v1]	-1949.127	261.021	-7.47	<.0001*
rag[1]	7227.2423	317.1727	22.79	<.0001*
rag[0]	-7227.242	317.1727	-22.79	<.0001*
summarized[1]	4484.7303	174.7444	25.66	<.0001*
summarized[0]	-4484.73	174.7444	-25.66	<.0001*
app_id[WordPress]*version[v3]	855.3209	512.0962	1.67	0.0952
app_id[WordPress]*version[v2]	-216.9909	564.6914	-0.38	0.7009
app_id[WordPress]*version[v1]	-638.33	549.1344	-1.16	0.2454
app_id[Stack4Things]*version[v3]	2573.6363	594.0809	4.33	<.0001*
app_id[Stack4Things]*version[v2]	-1102.502	710.6113	-1.55	0.1211
app_id[Stack4Things]*version[v1]	-1471.135	715.9294	-2.05	0.0402*
app_id[Open Energy Monitor]*version[v3]	-1500.193	407.3719	-3.68	0.0002*
app_id[Open Energy Monitor]*version[v2]	645.29286	433.4718	1.49	0.1369
app_id[Open Energy Monitor]*version[v1]	854.90021	436.429	1.96	0.0504
app_id[JetRacer]*version[v3]	-2726.075	411.0294	-6.63	<.0001*
app_id[JetRacer]*version[v2]	1386.0076	437.2213	3.17	0.0016*
app_id[JetRacer]*version[v1]	1340.0672	431.0518	3.11	0.0019*
app_id[eWeLink]*version[v3]	-195.6926	535.6066	-0.37	0.7149
app_id[eWeLink]*version[v2]	-492.8252	576.8413	-0.85	0.3931
app_id[eWeLink]*version[v1]	688.5178	566.3479	1.22	0.2244
app_id[BookInfo]*version[v3]	993.00323	423.1089	2.35	0.0191*
app_id[BookInfo]*version[v2]	-218.9827	443.2135	-0.49	0.6214
app_id[BookInfo]*version[v1]	-774.0205	447.6776	-1.73	0.0842
app_id[WordPress]*rag[1]	12267.385	1168.187	10.50	<.0001*
app_id[WordPress]*rag[0]	-12267.39	1168.187	-10.50	<.0001*
app_id[Stack4Things]*rag[1]	-5649.801	608.4397	-9.29	<.0001*
app_id[Stack4Things]*rag[0]	5649.8011	608.4397	9.29	<.0001*
app_id[Open Energy Monitor]*rag[1]	-5602.35	437.8206	-12.80	<.0001*
app_id[Open Energy Monitor]*rag[0]	5602.3499	437.8206	12.80	<.0001*
app_id[JetRacer]*rag[1]	0	0	0.00	1.0000
app_id[JetRacer]*rag[0]	0	0	0.00	1.0000
app_id[eWeLink]*rag[1]	0	0	0.00	1.0000
app_id[eWeLink]*rag[0]	0	0	0.00	1.0000
app_id[BookInfo]*rag[1]	-1015.234	448.6776	-2.26	0.0239*
app_id[BookInfo]*rag[0]	1015.2344	448.6776	2.26	0.0239*
app_id[WordPress]*summarized[1]	-1481.346	379.7426	-3.90	0.0001*
app_id[WordPress]*summarized[0]	1481.346	379.7426	3.90	0.0001*
app_id[Stack4Things]*summarized[1]	-71.87685	450.6976	-0.16	0.8733
app_id[Stack4Things]*summarized[0]	71.876845	450.6976	0.16	0.8733
app_id[Open Energy Monitor]*summarized[1]	-836.3169	297.6736	-2.81	0.0051*

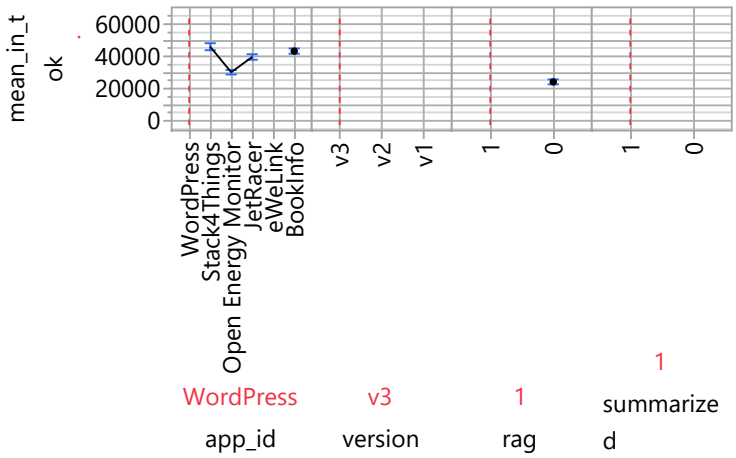
Fit Group

Response mean_in_tok

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
app_id[Open Energy Monitor]*summarized[0]	836.31691	297.6736	2.81	0.0051*
app_id[JetRacer]*summarized[1]	1531.3222	301.9931	5.07	<.0001*
app_id[JetRacer]*summarized[0]	-1531.322	301.9931	-5.07	<.0001*
app_id[eWeLink]*summarized[1]	-190.9782	392.7889	-0.49	0.6269
app_id[eWeLink]*summarized[0]	190.9782	392.7889	0.49	0.6269
app_id[BookInfo]*summarized[1]	1049.1957	309.7891	3.39	0.0007*
app_id[BookInfo]*summarized[0]	-1049.196	309.7891	-3.39	0.0007*
version[v3]*rag[1]	594.15937	233.169	2.55	0.0110*
version[v3]*rag[0]	-594.1594	233.169	-2.55	0.0110*
version[v2]*rag[1]	152.50214	246.3168	0.62	0.5360
version[v2]*rag[0]	-152.5021	246.3168	-0.62	0.5360
version[v1]*rag[1]	-746.6615	247.1363	-3.02	0.0026*
version[v1]*rag[0]	746.66151	247.1363	3.02	0.0026*
version[v3]*summarized[1]	-177.9446	200.4923	-0.89	0.3750
version[v3]*summarized[0]	177.94465	200.4923	0.89	0.3750
version[v2]*summarized[1]	453.22872	213.0489	2.13	0.0337*
version[v2]*summarized[0]	-453.2287	213.0489	-2.13	0.0337*
version[v1]*summarized[1]	-275.2841	212.2144	-1.30	0.1949
version[v1]*summarized[0]	275.28408	212.2144	1.30	0.1949
rag[1]*summarized[1]	-69.96959	171.0474	-0.41	0.6826
rag[1]*summarized[0]	69.969594	171.0474	0.41	0.6826
rag[0]*summarized[1]	69.969594	171.0474	0.41	0.6826
rag[0]*summarized[0]	-69.96959	171.0474	-0.41	0.6826

Prediction Profiler



Response mean_out_tok

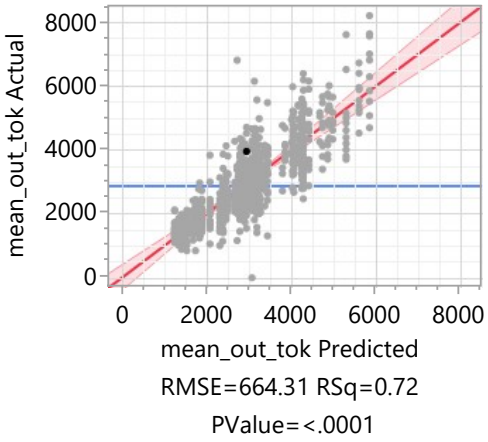
Singularity Details

Term	Details
Intercept	= - 4*app_id[WordPress] + app_id[Stack4Things] ...
app_id[WordPress]	=app_id[eWeLink] - app_id[WordPress]*rag[1] + a...

Fit Group

Response mean_out_tok

Actual by Predicted Plot



RMSE=664.31 RSq=0.72

PValue=<.0001

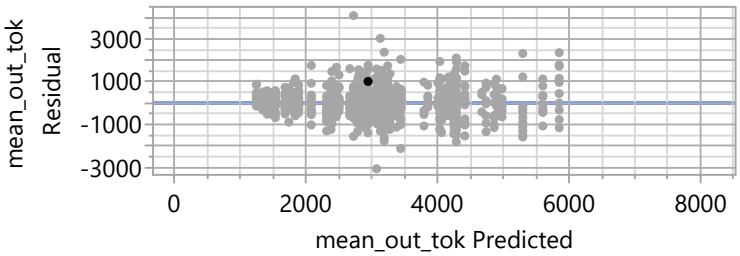
Effect Summary

Source	Logworth	PValue	
summarized	81.033	0.00000	
app_id*rag	80.383	0.00000	
app_id	66.240	0.00000	^
app_id*summarized	10.466	0.00000	
rag*summarized	2.210	0.00617	
version*summarized	1.841	0.01441	
app_id*version	1.298	0.05035	
version*rag	0.529	0.29558	
version	0.475	0.33464	^
rag	.	.	

Lack Of Fit

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	27	18246900	675811	1.5565
Pure Error	890	386436363	434198	**Prob > F**
Total Error	917	404683263		0.0357*
				Max RSq
				0.7362

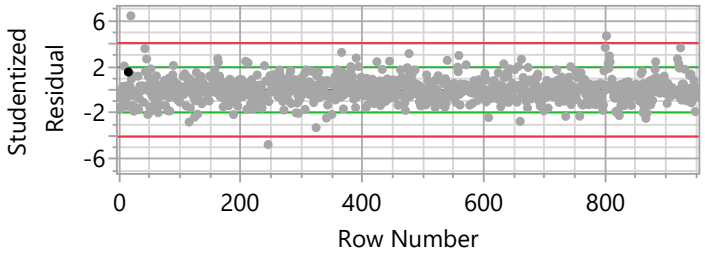
Residual by Predicted Plot



Fit Group

Response mean_out_tok

Studentized Residuals



Externally studentized residuals with 95% simultaneous limits (Bonferroni) in red, individual limits in green.

Parameter Estimates

Term		Estimate	Std Error	t Ratio	Prob>|t|
Intercept	Biased	4046.9717	49.46312	81.82	<.0001*
app_id[WordPress]	Biased	2927.2404	179.7597	16.28	<.0001*
app_id[Stack4Things]	Biased	311.42489	85.22118	3.65	0.0003*
app_id[Open Energy Monitor]	Biased	-1316.992	62.14673	-21.19	<.0001*
app_id[JetRacer]	Biased	-504.7463	56.48567	-8.94	<.0001*
app_id[eWeLink]	Biased	-431.5978	59.1808	-7.29	<.0001*
version[v3]		14.050484	34.85784	0.40	0.6870
version[v2]		-55.6061	38.15651	-1.46	0.1454
rag[1]	Biased	1344.2229	47.16274	28.50	<.0001*
summarized[1]		552.00507	25.98404	21.24	<.0001*
app_id[WordPress]*version[v3]		129.78361	76.14736	1.70	0.0886
app_id[WordPress]*version[v2]		-50.72548	83.96812	-0.60	0.5459
app_id[Stack4Things]*version[v3]		175.48701	88.33827	1.99	0.0473*
app_id[Stack4Things]*version[v2]		-139.0822	105.666	-1.32	0.1884
app_id[Open Energy Monitor]*version[v3]		-47.01002	60.57512	-0.78	0.4379
app_id[Open Energy Monitor]*version[v2]		17.268239	64.45612	0.27	0.7888
app_id[JetRacer]*version[v3]		-216.2266	61.11899	-3.54	0.0004*
app_id[JetRacer]*version[v2]		180.21388	65.01366	2.77	0.0057*
app_id[eWeLink]*version[v3]		12.305895	79.6433	0.15	0.8772
app_id[eWeLink]*version[v2]		-45.24899	85.77479	-0.53	0.5980
app_id[WordPress]*rag[1]	Biased	3430.65	173.7063	19.75	<.0001*
app_id[Stack4Things]*rag[1]	Biased	-1299.029	90.47339	-14.36	<.0001*
app_id[Open Energy Monitor]*rag[1]	Biased	-1320.819	65.10277	-20.29	<.0001*
app_id[JetRacer]*rag[1]	Zeroed	0	0	.	.
app_id[eWeLink]*rag[1]	Zeroed	0	0	.	.
app_id[WordPress]*summarized[1]		-80.30797	56.46673	-1.42	0.1553
app_id[Stack4Things]*summarized[1]		-96.14188	67.01755	-1.43	0.1517
app_id[Open Energy Monitor]*summarized[1]		-175.6378	44.26328	-3.97	<.0001*
app_id[JetRacer]*summarized[1]		214.10424	44.90557	4.77	<.0001*
app_id[eWeLink]*summarized[1]		-74.46639	58.40668	-1.27	0.2026
version[v3]*rag[1]		-18.58644	34.67162	-0.54	0.5920
version[v2]*rag[1]		56.672151	36.62667	1.55	0.1221
version[v3]*summarized[1]		-65.65003	29.81267	-2.20	0.0279*
version[v2]*summarized[1]		86.527407	31.67981	2.73	0.0064*
rag[1]*summarized[1]		-69.81669	25.4343	-2.74	0.0062*

Fit Group

Response mean_out_tok

Effect Tests

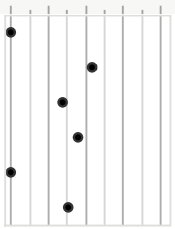
Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F	
app_id	5	3	162881474	123.0282	<.0001*	LostDFs
version	2	2	967369	1.0960	0.3346	
rag	1	0	0	.	.	LostDFs
summarized	1	1	199167619	451.3078	<.0001*	
app_id*version	10	10	8114630	1.8388	0.0503	
app_id*rag	5	3	204763447	154.6626	<.0001*	LostDFs
app_id*summarized	5	5	26295463	11.9169	<.0001*	
version*rag	2	2	1077174	1.2204	0.2956	
version*summarized	2	2	3759384	4.2593	0.0144*	
rag*summarized	1	1	3325254	7.5349	0.0062*	

Effect Details

app_id

Least Squares Means Table

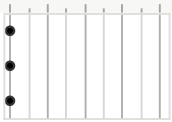
Level	Least Sq Mean		Std Error	0 4000 8000	Mean
WordPress	0.00	NonEstimable	.		2165.1
Stack4Things	4358.40		81.93		4349.4
Open Energy Monitor	2729.98		45.08		2739.3
JetRacer	3542.23		47.14		3221.9
eWeLink	0.00	NonEstimable	.		2273.1
BookInfo	3061.64		47.63		2918.0



version

Least Squares Means Table

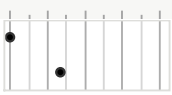
Level	Least Sq Mean		Std Error	0 4000 8000	Mean
v3	0	NonEstimable	.		2890.7
v2	0	NonEstimable	.		2840.3
v1	0	NonEstimable	.		2939.9



rag

Least Squares Means Table

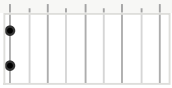
Level	Least Sq Mean		Std Error	0 4000 8000	Mean
1	0.00	NonEstimable	.		3703.1
0	2702.75		28.81		2491.8



summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 4000 8000	Mean
1	0	NonEstimable	.		3457.4
0	0	NonEstimable	.		2391.6



Fit Group

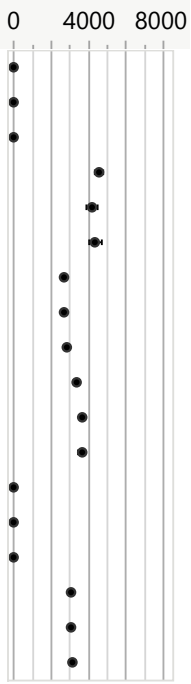
Response mean_out_tok

Effect Details

app_id*version

Least Squares Means Table

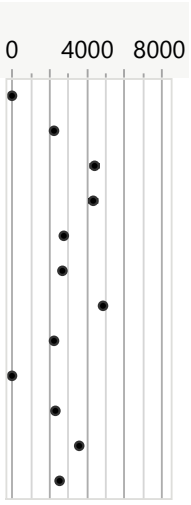
Level	Least Sq Mean		Std Error
WordPress,v3	0.00	NonEstimable	.
WordPress,v2	0.00	NonEstimable	.
WordPress,v1	0.00	NonEstimable	.
Stack4Things,v3	4547.93		103.6
Stack4Things,v2	4163.71		152.6
Stack4Things,v1	4363.55		161.9
Open Energy Monitor,v3	2697.02		71.3
Open Energy Monitor,v2	2691.64		81.7
Open Energy Monitor,v1	2801.28		80.7
JetRacer,v3	3340.05		76.9
JetRacer,v2	3666.83		84.1
JetRacer,v1	3619.79		80.0
eWeLink,v3	0.00	NonEstimable	.
eWeLink,v2	0.00	NonEstimable	.
eWeLink,v1	0.00	NonEstimable	.
BookInfo,v3	3021.35		79.4
BookInfo,v2	3043.61		81.9
BookInfo,v1	3119.96		84.9



app_id*rag

Least Squares Means Table

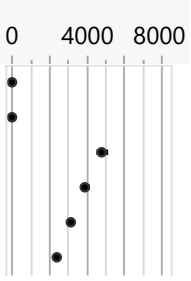
Level	Least Sq Mean		Std Error
WordPress,1	0.00	NonEstimable	.
WordPress,0	2199.34		61.1
Stack4Things,1	4403.59		121.4
Stack4Things,0	4313.20		103.6
Open Energy Monitor,1	2753.38		66.3
Open Energy Monitor,0	2706.58		60.8
JetRacer,1	4886.45		73.1
JetRacer,0	2198.00		59.6
eWeLink,1	0.00	NonEstimable	.
eWeLink,0	2271.15		63.3
BookInfo,1	3595.06		70.6
BookInfo,0	2528.22		63.7



app_id*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
WordPress,1	0.00	NonEstimable	.
WordPress,0	0.00	NonEstimable	.
Stack4Things,1	4814.26		117.0
Stack4Things,0	3902.53		107.1
Open Energy Monitor,1	3106.35		62.0
Open Energy Monitor,0	2353.61		65.1



Fit Group

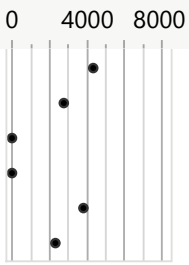
Response mean_out_tok

Effect Details

app_id*summarized

Least Squares Means Table

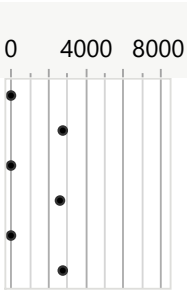
Level	Least Sq Mean		Std Error
JetRacer,1	4308.33		70.9
JetRacer,0	2776.12		61.6
eWeLink,1	0.00	NonEstimable	.
eWeLink,0	0.00	NonEstimable	.
BookInfo,1	3826.10		70.6
BookInfo,0	2297.19		63.8



version*rag

Least Squares Means Table

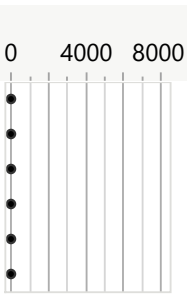
Level	Least Sq Mean		Std Error
v3,1	0.00	NonEstimable	.
v3,0	2735.39		43.66
v2,1	0.00	NonEstimable	.
v2,0	2590.47		53.01
v1,1	0.00	NonEstimable	.
v1,0	2782.39		50.09



version*summarized

Least Squares Means Table

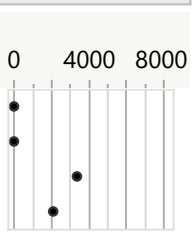
Level	Least Sq Mean		Std Error
v3,1	0	NonEstimable	.
v3,0	0	NonEstimable	.
v2,1	0	NonEstimable	.
v2,0	0	NonEstimable	.
v1,1	0	NonEstimable	.
v1,0	0	NonEstimable	.



rag*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
1,1	0.00	NonEstimable	.
1,0	0.00	NonEstimable	.
0,1	3324.57		41.48
0,0	2080.93		38.67



Scaled Estimates

Nominal factors expanded to all levels

Fit Group

Response mean_out_tok

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
Intercept	4046.9717	49.46312	81.82	<.0001*
app_id[WordPress]	2927.2404	179.7597	16.28	<.0001*
app_id[Stack4Things]	311.42489	85.22118	3.65	0.0003*
app_id[Open Energy Monitor]	-1316.992	62.14673	-21.19	<.0001*
app_id[JetRacer]	-504.7463	56.48567	-8.94	<.0001*
app_id[eWeLink]	-431.5978	59.1808	-7.29	<.0001*
app_id[BookInfo]	-985.3289	63.57771	-15.50	<.0001*
version[v3]	14.050484	34.85784	0.40	0.6870
version[v2]	-55.6061	38.15651	-1.46	0.1454
version[v1]	41.555618	38.81313	1.07	0.2846
rag[1]	1344.2229	47.16274	28.50	<.0001*
rag[0]	-1344.223	47.16274	-28.50	<.0001*
summarized[1]	552.00507	25.98404	21.24	<.0001*
summarized[0]	-552.0051	25.98404	-21.24	<.0001*
app_id[WordPress]*version[v3]	129.78361	76.14736	1.70	0.0886
app_id[WordPress]*version[v2]	-50.72548	83.96812	-0.60	0.5459
app_id[WordPress]*version[v1]	-79.05813	81.65484	-0.97	0.3332
app_id[Stack4Things]*version[v3]	175.48701	88.33827	1.99	0.0473*
app_id[Stack4Things]*version[v2]	-139.0822	105.666	-1.32	0.1884
app_id[Stack4Things]*version[v1]	-36.40484	106.4568	-0.34	0.7325
app_id[Open Energy Monitor]*version[v3]	-47.01002	60.57512	-0.78	0.4379
app_id[Open Energy Monitor]*version[v2]	17.268239	64.45612	0.27	0.7888
app_id[Open Energy Monitor]*version[v1]	29.741778	64.89585	0.46	0.6468
app_id[JetRacer]*version[v3]	-216.2266	61.11899	-3.54	0.0004*
app_id[JetRacer]*version[v2]	180.21388	65.01366	2.77	0.0057*
app_id[JetRacer]*version[v1]	36.012772	64.09626	0.56	0.5744
app_id[eWeLink]*version[v3]	12.305895	79.6433	0.15	0.8772
app_id[eWeLink]*version[v2]	-45.24899	85.77479	-0.53	0.5980
app_id[eWeLink]*version[v1]	32.943096	84.21445	0.39	0.6958
app_id[BookInfo]*version[v3]	-54.33985	62.91518	-0.86	0.3880
app_id[BookInfo]*version[v2]	37.574525	65.90468	0.57	0.5687
app_id[BookInfo]*version[v1]	16.765321	66.56848	0.25	0.8012
app_id[WordPress]*rag[1]	3430.65	173.7063	19.75	<.0001*
app_id[WordPress]*rag[0]	-3430.65	173.7063	-19.75	<.0001*
app_id[Stack4Things]*rag[1]	-1299.029	90.47339	-14.36	<.0001*
app_id[Stack4Things]*rag[0]	1299.0291	90.47339	14.36	<.0001*
app_id[Open Energy Monitor]*rag[1]	-1320.819	65.10277	-20.29	<.0001*
app_id[Open Energy Monitor]*rag[0]	1320.8186	65.10277	20.29	<.0001*
app_id[JetRacer]*rag[1]	0	0	0.00	1.0000
app_id[JetRacer]*rag[0]	0	0	0.00	1.0000
app_id[eWeLink]*rag[1]	0	0	0.00	1.0000
app_id[eWeLink]*rag[0]	0	0	0.00	1.0000
app_id[BookInfo]*rag[1]	-810.8024	66.71717	-12.15	<.0001*
app_id[BookInfo]*rag[0]	810.80238	66.71717	12.15	<.0001*
app_id[WordPress]*summarized[1]	-80.30797	56.46673	-1.42	0.1553
app_id[WordPress]*summarized[0]	80.307966	56.46673	1.42	0.1553
app_id[Stack4Things]*summarized[1]	-96.14188	67.01755	-1.43	0.1517
app_id[Stack4Things]*summarized[0]	96.141876	67.01755	1.43	0.1517
app_id[Open Energy Monitor]*summarized[1]	-175.6378	44.26328	-3.97	<.0001*

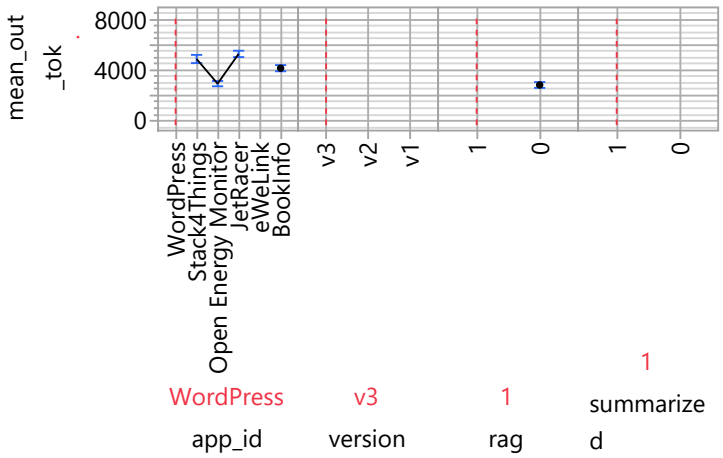
Fit Group

Response mean_out_tok

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
app_id[Open Energy Monitor]*summarized[0]	175.63782	44.26328	3.97	<.0001*
app_id[JetRacer]*summarized[1]	214.10424	44.90557	4.77	<.0001*
app_id[JetRacer]*summarized[0]	-214.1042	44.90557	-4.77	<.0001*
app_id[eWeLink]*summarized[1]	-74.46639	58.40668	-1.27	0.2026
app_id[eWeLink]*summarized[0]	74.46639	58.40668	1.27	0.2026
app_id[BookInfo]*summarized[1]	212.44981	46.06483	4.61	<.0001*
app_id[BookInfo]*summarized[0]	-212.4498	46.06483	-4.61	<.0001*
version[v3]*rag[1]	-18.58644	34.67162	-0.54	0.5920
version[v3]*rag[0]	18.586437	34.67162	0.54	0.5920
version[v2]*rag[1]	56.672151	36.62667	1.55	0.1221
version[v2]*rag[0]	-56.67215	36.62667	-1.55	0.1221
version[v1]*rag[1]	-38.08571	36.74852	-1.04	0.3003
version[v1]*rag[0]	38.085714	36.74852	1.04	0.3003
version[v3]*summarized[1]	-65.65003	29.81267	-2.20	0.0279*
version[v3]*summarized[0]	65.650031	29.81267	2.20	0.0279*
version[v2]*summarized[1]	86.527407	31.67981	2.73	0.0064*
version[v2]*summarized[0]	-86.52741	31.67981	-2.73	0.0064*
version[v1]*summarized[1]	-20.87738	31.55573	-0.66	0.5084
version[v1]*summarized[0]	20.877376	31.55573	0.66	0.5084
rag[1]*summarized[1]	-69.81669	25.4343	-2.74	0.0062*
rag[1]*summarized[0]	69.816688	25.4343	2.74	0.0062*
rag[0]*summarized[1]	69.816688	25.4343	2.74	0.0062*
rag[0]*summarized[0]	-69.81669	25.4343	-2.74	0.0062*

Prediction Profiler



Response iterations

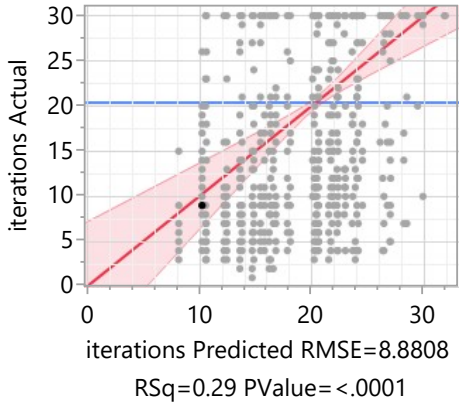
Singularity Details

Term	Details
Intercept	= - 4*app_id[WordPress] + app_id[Stack4Things] ...
app_id[WordPress]	=app_id[eWeLink] - app_id[WordPress]*rag[1] + a...

Fit Group

Response iterations

Actual by Predicted Plot



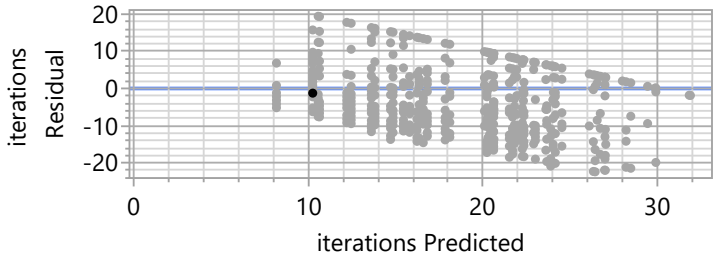
Effect Summary

Source	Logworth	PValue
app_id	20.571	0.00000
version	19.648	0.00000
app_id*rag	5.985	0.00000
app_id*version	3.185	0.00065
app_id*summarized	1.799	0.01587
version*rag	0.778	0.16657
rag*summarized	0.568	0.27021
version*summarized	0.288	0.51468
summarized	0.016	0.96412 ^
rag	.	.

Lack Of Fit

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	27	1599.674	59.2472	0.7456
Pure Error	890	70723.033	79.4641	**Prob > F**
Total Error	917	72322.707		0.8229
				Max RSq
				0.3099

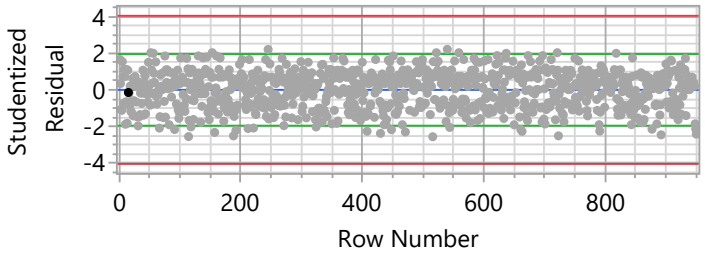
Residual by Predicted Plot



Fit Group

Response iterations

Studentized Residuals



Externally studentized residuals with 95% simultaneous limits (Bonferroni) in red, individual limits in green.

Parameter Estimates

Term		Estimate	Std Error	t Ratio	Prob>|t|
Intercept	Biased	17.497294	0.661243	26.46	<.0001*
app_id[WordPress]	Biased	-17.90446	2.403101	-7.45	<.0001*
app_id[Stack4Things]	Biased	7.9467552	1.139272	6.98	<.0001*
app_id[Open Energy Monitor]	Biased	0.7780851	0.830803	0.94	0.3492
app_id[JetRacer]	Biased	2.1148711	0.755123	2.80	0.0052*
app_id[eWeLink]	Biased	-1.624838	0.791153	-2.05	0.0403*
version[v3]		-4.54395	0.465994	-9.75	<.0001*
version[v2]		2.1300029	0.510092	4.18	<.0001*
rag[1]	Biased	-3.665435	0.630491	-5.81	<.0001*
summarized[1]		0.0156296	0.347365	0.04	0.9641
app_id[WordPress]*version[v3]		3.6467255	1.017969	3.58	0.0004*
app_id[WordPress]*version[v2]		-1.027779	1.12252	-0.92	0.3601
app_id[Stack4Things]*version[v3]		-0.339553	1.180942	-0.29	0.7738
app_id[Stack4Things]*version[v2]		-0.883058	1.412587	-0.63	0.5320
app_id[Open Energy Monitor]*version[v3]		-2.750421	0.809793	-3.40	0.0007*
app_id[Open Energy Monitor]*version[v2]		1.574621	0.861676	1.83	0.0680
app_id[JetRacer]*version[v3]		-1.162682	0.817064	-1.42	0.1551
app_id[JetRacer]*version[v2]		0.4389644	0.869129	0.51	0.6136
app_id[eWeLink]*version[v3]		-1.327011	1.064704	-1.25	0.2129
app_id[eWeLink]*version[v2]		0.4455205	1.146672	0.39	0.6977
app_id[WordPress]*rag[1]	Biased	-12.67378	2.322177	-5.46	<.0001*
app_id[Stack4Things]*rag[1]	Biased	5.3105165	1.209485	4.39	<.0001*
app_id[Open Energy Monitor]*rag[1]	Biased	3.1437465	0.87032	3.61	0.0003*
app_id[JetRacer]*rag[1]	Zeroed	0	0	.	.
app_id[eWeLink]*rag[1]	Zeroed	0	0	.	.
app_id[WordPress]*summarized[1]		0.2685419	0.75487	0.36	0.7221
app_id[Stack4Things]*summarized[1]		1.7614878	0.895918	1.97	0.0496*
app_id[Open Energy Monitor]*summarized[1]		-0.268931	0.59173	-0.45	0.6496
app_id[JetRacer]*summarized[1]		-2.125833	0.600316	-3.54	0.0004*
app_id[eWeLink]*summarized[1]		0.5385965	0.780804	0.69	0.4905
version[v3]*rag[1]		-0.04663	0.463504	-0.10	0.9199
version[v2]*rag[1]		0.8411583	0.48964	1.72	0.0862
version[v3]*summarized[1]		-0.278265	0.398548	-0.70	0.4852
version[v2]*summarized[1]		0.4823812	0.423509	1.14	0.2550
rag[1]*summarized[1]		0.3751231	0.340016	1.10	0.2702

Fit Group

Response iterations

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F	
app_id	5	3	8231.3159	34.7891	<.0001*	LostDFs
version	2	2	7499.9935	47.5473	<.0001*	
rag	1	0	0.0000	.	.	LostDFs
summarized	1	1	0.1597	0.0020	0.9641	
app_id*version	10	10	2452.6932	3.1098	0.0007*	
app_id*rag	5	3	2452.1000	10.3636	<.0001*	LostDFs
app_id*summarized	5	5	1107.5183	2.8085	0.0159*	
version*rag	2	2	283.2685	1.7958	0.1666	
version*summarized	2	2	104.8466	0.6647	0.5147	
rag*summarized	1	1	95.9962	1.2172	0.2702	

Effect Details

app_id

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 10 20 30	Mean
WordPress	0.0000	NonEstimable	.		15.846
Stack4Things	25.4440		1.095		23.600
Open Energy Monitor	18.2754		0.603		17.664
JetRacer	19.6122		0.630		20.193
eWeLink	0.0000	NonEstimable	.		19.018
BookInfo	26.1869		0.637		26.105

version

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 10 20 30	Mean
v3	0	NonEstimable	.		16.136
v2	0	NonEstimable	.		23.039
v1	0	NonEstimable	.		23.389

rag

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 10 20 30	Mean
1	0.0000	NonEstimable	.		20.358
0	21.1627		0.3852		20.465

summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error	0 10 20 30	Mean
1	0	NonEstimable	.		20.052
0	0	NonEstimable	.		20.762

Fit Group

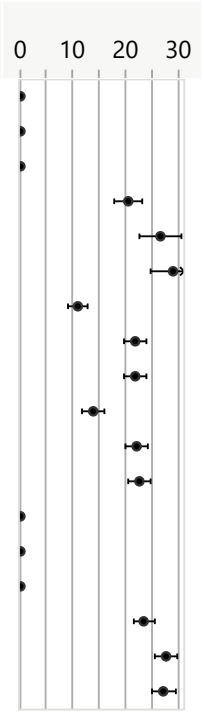
Response iterations

Effect Details

app_id*version

Least Squares Means Table

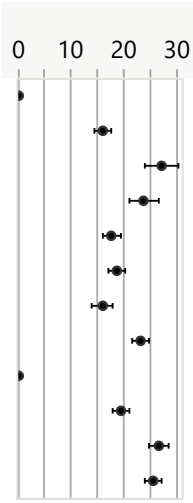
Level	Least Sq Mean		Std Error
WordPress,v3	0.0000	NonEstimable	.
WordPress,v2	0.0000	NonEstimable	.
WordPress,v1	0.0000	NonEstimable	.
Stack4Things,v3	20.5605		1.386
Stack4Things,v2	26.6910		2.040
Stack4Things,v1	29.0806		2.165
Open Energy Monitor,v3	10.9810		0.953
Open Energy Monitor,v2	21.9800		1.093
Open Energy Monitor,v1	21.8651		1.078
JetRacer,v3	13.9055		1.029
JetRacer,v2	22.1811		1.125
JetRacer,v1	22.7498		1.069
eWeLink,v3	0.0000	NonEstimable	.
eWeLink,v2	0.0000	NonEstimable	.
eWeLink,v1	0.0000	NonEstimable	.
BookInfo,v3	23.5759		1.062
BookInfo,v2	27.7686		1.095
BookInfo,v1	27.2162		1.135



app_id*rag

Least Squares Means Table

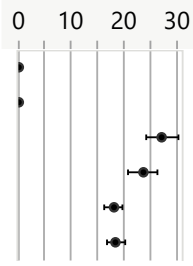
Level	Least Sq Mean		Std Error
WordPress,1	0.0000	NonEstimable	.
WordPress,0	15.9320		0.817
Stack4Things,1	27.0891		1.622
Stack4Things,0	23.7990		1.386
Open Energy Monitor,1	17.7537		0.886
Open Energy Monitor,0	18.7971		0.813
JetRacer,1	15.9467		0.977
JetRacer,0	23.2776		0.796
eWeLink,1	0.0000	NonEstimable	.
eWeLink,0	19.5379		0.846
BookInfo,1	26.7410		0.944
BookInfo,0	25.6328		0.851



app_id*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
WordPress,1	0.0000	NonEstimable	.
WordPress,0	0.0000	NonEstimable	.
Stack4Things,1	27.2212		1.564
Stack4Things,0	23.6669		1.432
Open Energy Monitor,1	18.0221		0.829
Open Energy Monitor,0	18.5287		0.870



Fit Group

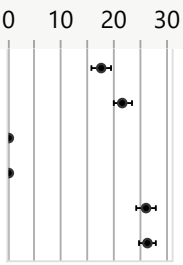
Response iterations

Effect Details

app_id*summarized

Least Squares Means Table

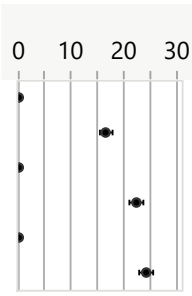
Level	Least Sq Mean		Std Error
JetRacer,1	17.5020		0.948
JetRacer,0	21.7224		0.823
eWeLink,1	0.0000	NonEstimable	.
eWeLink,0	0.0000	NonEstimable	.
BookInfo,1	26.0287		0.943
BookInfo,0	26.3451		0.853



version*rag

Least Squares Means Table

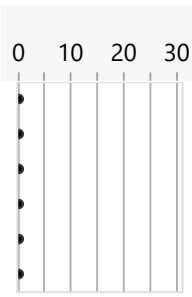
Level	Least Sq Mean		Std Error
v3,1	0.0000	NonEstimable	.
v3,0	16.6654		0.5837
v2,1	0.0000	NonEstimable	.
v2,0	22.4516		0.7086
v1,1	0.0000	NonEstimable	.
v1,0	24.3712		0.6696



version*summarized

Least Squares Means Table

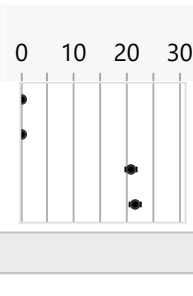
Level	Least Sq Mean		Std Error
v3,1	0	NonEstimable	.
v3,0	0	NonEstimable	.
v2,1	0	NonEstimable	.
v2,0	0	NonEstimable	.
v1,1	0	NonEstimable	.
v1,0	0	NonEstimable	.



rag*summarized

Least Squares Means Table

Level	Least Sq Mean		Std Error
1,1	0.0000	NonEstimable	.
1,0	0.0000	NonEstimable	.
0,1	20.8032		0.5545
0,0	21.5222		0.5170



Scaled Estimates

Nominal factors expanded to all levels

Fit Group

Response iterations

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
Intercept	17.497294	0.661243	26.46	<.0001*
app_id[WordPress]	-17.90446	2.403101	-7.45	<.0001*
app_id[Stack4Things]	7.9467552	1.139272	6.98	<.0001*
app_id[Open Energy Monitor]	0.7780851	0.830803	0.94	0.3492
app_id[JetRacer]	2.1148711	0.755123	2.80	0.0052*
app_id[eWeLink]	-1.624838	0.791153	-2.05	0.0403*
app_id[BookInfo]	8.6895895	0.849933	10.22	<.0001*
version[v3]	-4.54395	0.465994	-9.75	<.0001*
version[v2]	2.1300029	0.510092	4.18	<.0001*
version[v1]	2.4139467	0.51887	4.65	<.0001*
rag[1]	-3.665435	0.630491	-5.81	<.0001*
rag[0]	3.6654353	0.630491	5.81	<.0001*
summarized[1]	0.0156296	0.347365	0.04	0.9641
summarized[0]	-0.01563	0.347365	-0.04	0.9641
app_id[WordPress]*version[v3]	3.6467255	1.017969	3.58	0.0004*
app_id[WordPress]*version[v2]	-1.027779	1.12252	-0.92	0.3601
app_id[WordPress]*version[v1]	-2.618947	1.091595	-2.40	0.0166*
app_id[Stack4Things]*version[v3]	-0.339553	1.180942	-0.29	0.7738
app_id[Stack4Things]*version[v2]	-0.883058	1.412587	-0.63	0.5320
app_id[Stack4Things]*version[v1]	1.2226106	1.423158	0.86	0.3905
app_id[Open Energy Monitor]*version[v3]	-2.750421	0.809793	-3.40	0.0007*
app_id[Open Energy Monitor]*version[v2]	1.574621	0.861676	1.83	0.0680
app_id[Open Energy Monitor]*version[v1]	1.1757999	0.867554	1.36	0.1757
app_id[JetRacer]*version[v3]	-1.162682	0.817064	-1.42	0.1551
app_id[JetRacer]*version[v2]	0.4389644	0.869129	0.51	0.6136
app_id[JetRacer]*version[v1]	0.7237174	0.856865	0.84	0.3985
app_id[eWeLink]*version[v3]	-1.327011	1.064704	-1.25	0.2129
app_id[eWeLink]*version[v2]	0.4455205	1.146672	0.39	0.6977
app_id[eWeLink]*version[v1]	0.8814908	1.125813	0.78	0.4338
app_id[BookInfo]*version[v3]	1.9329412	0.841076	2.30	0.0218*
app_id[BookInfo]*version[v2]	-0.548269	0.881041	-0.62	0.5339
app_id[BookInfo]*version[v1]	-1.384672	0.889915	-1.56	0.1201
app_id[WordPress]*rag[1]	-12.67378	2.322177	-5.46	<.0001*
app_id[WordPress]*rag[0]	12.673777	2.322177	5.46	<.0001*
app_id[Stack4Things]*rag[1]	5.3105165	1.209485	4.39	<.0001*
app_id[Stack4Things]*rag[0]	-5.310517	1.209485	-4.39	<.0001*
app_id[Open Energy Monitor]*rag[1]	3.1437465	0.87032	3.61	0.0003*
app_id[Open Energy Monitor]*rag[0]	-3.143747	0.87032	-3.61	0.0003*
app_id[JetRacer]*rag[1]	0	0	0.00	1.0000
app_id[JetRacer]*rag[0]	0	0	0.00	1.0000
app_id[eWeLink]*rag[1]	0	0	0.00	1.0000
app_id[eWeLink]*rag[0]	0	0	0.00	1.0000
app_id[BookInfo]*rag[1]	4.2195136	0.891902	4.73	<.0001*
app_id[BookInfo]*rag[0]	-4.219514	0.891902	-4.73	<.0001*
app_id[WordPress]*summarized[1]	0.2685419	0.75487	0.36	0.7221
app_id[WordPress]*summarized[0]	-0.268542	0.75487	-0.36	0.7221
app_id[Stack4Things]*summarized[1]	1.7614878	0.895918	1.97	0.0496*
app_id[Stack4Things]*summarized[0]	-1.761488	0.895918	-1.97	0.0496*
app_id[Open Energy Monitor]*summarized[1]	-0.268931	0.59173	-0.45	0.6496

Fit Group

Response iterations

Scaled Estimates

Term	Scaled Estimate	Std Error	t Ratio	Prob>|t|
app_id[Open Energy Monitor]*summarized[0]	0.2689306	0.59173	0.45	0.6496
app_id[JetRacer]*summarized[1]	-2.125833	0.600316	-3.54	0.0004*
app_id[JetRacer]*summarized[0]	2.1258326	0.600316	3.54	0.0004*
app_id[eWeLink]*summarized[1]	0.5385965	0.780804	0.69	0.4905
app_id[eWeLink]*summarized[0]	-0.538597	0.780804	-0.69	0.4905
app_id[BookInfo]*summarized[1]	-0.173863	0.615813	-0.28	0.7778
app_id[BookInfo]*summarized[0]	0.1738629	0.615813	0.28	0.7778
version[v3]*rag[1]	-0.04663	0.463504	-0.10	0.9199
version[v3]*rag[0]	0.04663	0.463504	0.10	0.9199
version[v2]*rag[1]	0.8411583	0.48964	1.72	0.0862
version[v2]*rag[0]	-0.841158	0.48964	-1.72	0.0862
version[v1]*rag[1]	-0.794528	0.491269	-1.62	0.1062
version[v1]*rag[0]	0.7945283	0.491269	1.62	0.1062
version[v3]*summarized[1]	-0.278265	0.398548	-0.70	0.4852
version[v3]*summarized[0]	0.2782651	0.398548	0.70	0.4852
version[v2]*summarized[1]	0.4823812	0.423509	1.14	0.2550
version[v2]*summarized[0]	-0.482381	0.423509	-1.14	0.2550
version[v1]*summarized[1]	-0.204116	0.42185	-0.48	0.6286
version[v1]*summarized[0]	0.204116	0.42185	0.48	0.6286
rag[1]*summarized[1]	0.3751231	0.340016	1.10	0.2702
rag[1]*summarized[0]	-0.375123	0.340016	-1.10	0.2702
rag[0]*summarized[1]	-0.375123	0.340016	-1.10	0.2702
rag[0]*summarized[0]	0.3751231	0.340016	1.10	0.2702

Prediction Profiler