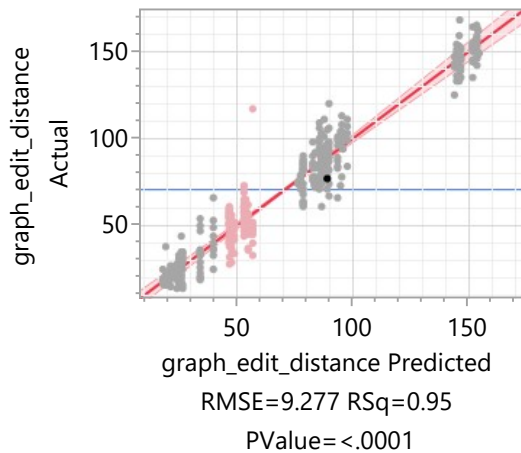


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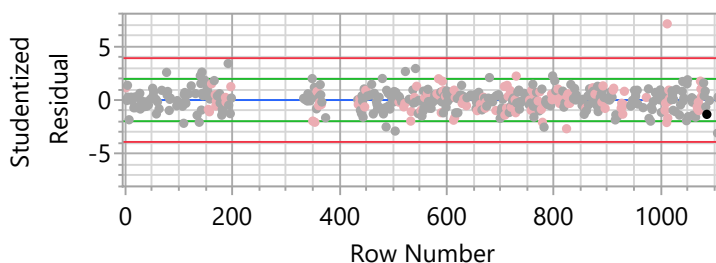
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**Fit Group****Response graph\_edit\_distance****Actual by Predicted Plot****Effect Summary**

Source	Logworth	PValue
app_id	248.198	0.00000
summarized	13.713	0.00000
app_id*summarized	1.148	0.07109
rag	0.693	0.20266
app_id*version	0.329	0.46900
version	0.127	0.74608 ^
rag*summarized	0.127	0.74622
version*rag	0.101	0.79159
version*summarized	0.031	0.93175

**Lack Of Fit**

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	28	6565.025	234.465	3.1127
Pure Error	387	29150.657	75.325	<b>Prob &gt; F</b>
Total Error	415	35715.682		<b>&lt;.0001*</b>
			<b>Max RSq</b>	
				0.9632

**Studentized Residuals**

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

**Fit Group****Response graph\_edit\_distance****Effect Tests**

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
app_id	5	5	546347.23	1269.661	<.0001*
version	2	2	50.46	0.2931	0.7461
rag	1	1	140.13	1.6283	0.2027
summarized	1	1	5423.21	63.0153	<.0001*
app_id*version	10	10	834.77	0.9700	0.4690
app_id*summarized	5	5	881.12	2.0476	0.0711
version*rag	2	2	40.25	0.2338	0.7916
version*summarized	2	2	12.17	0.0707	0.9317
rag*summarized	1	1	9.03	0.1049	0.7462

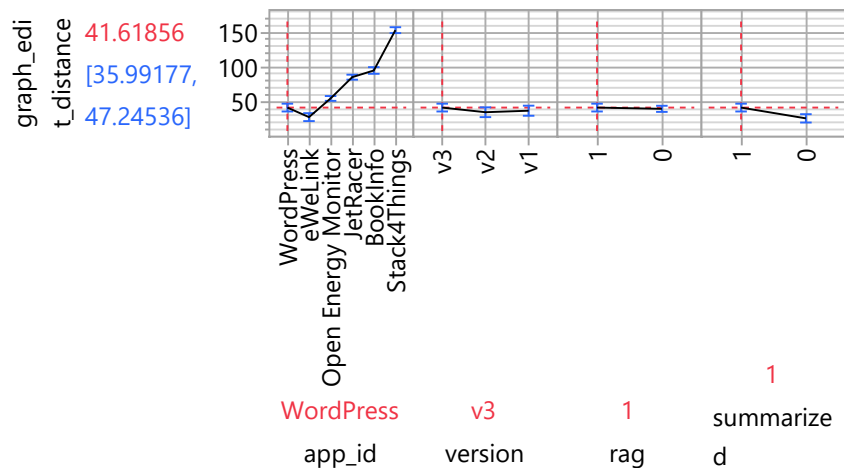
**Scaled Estimates**

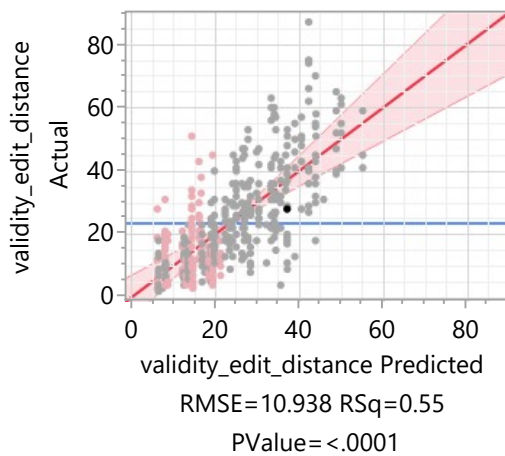
Nominal factors expanded to all levels

Term	Scaled Estimate	Std Error	t Ratio	Prob> t
rag[1]	0.747844	0.586071	1.28	0.2027
rag[0]	-0.747844	0.586071	-1.28	0.2027
summarized[1]	4.1849142	0.527186	7.94	<.0001*
summarized[0]	-4.184914	0.527186	-7.94	<.0001*
app_id[WordPress]*version[v3]	3.6749217	1.568287	2.34	0.0196*
app_id[WordPress]*version[v2]	-2.683698	1.663866	-1.61	0.1075
app_id[WordPress]*version[v1]	-0.991224	1.749302	-0.57	0.5713
app_id[eWeLink]*version[v3]	0.3584064	1.586062	0.23	0.8213
app_id[eWeLink]*version[v2]	0.2277551	1.688673	0.13	0.8928
app_id[eWeLink]*version[v1]	-0.586161	1.890673	-0.31	0.7567
app_id[Open Energy Monitor]*version[v3]	-0.400045	1.165447	-0.34	0.7316
app_id[Open Energy Monitor]*version[v2]	-1.037157	1.348487	-0.77	0.4423
app_id[Open Energy Monitor]*version[v1]	1.4372026	1.401748	1.03	0.3058
app_id[JetRacer]*version[v3]	-1.727137	1.325296	-1.30	0.1932
app_id[JetRacer]*version[v2]	2.7683517	1.575391	1.76	0.0796
app_id[JetRacer]*version[v1]	-1.041214	1.634669	-0.64	0.5245
app_id[BookInfo]*version[v3]	-1.28878	1.633532	-0.79	0.4306
app_id[BookInfo]*version[v2]	0.341893	2.050131	0.17	0.8676
app_id[BookInfo]*version[v1]	0.9468869	2.061557	0.46	0.6463
app_id[Stack4Things]*version[v3]	-0.617366	1.433146	-0.43	0.6669
app_id[Stack4Things]*version[v2]	0.3828551	1.645989	0.23	0.8162
app_id[Stack4Things]*version[v1]	0.2345105	1.943192	0.12	0.9040
app_id[WordPress]*summarized[1]	3.5508156	1.154565	3.08	0.0022*
app_id[WordPress]*summarized[0]	-3.550816	1.154565	-3.08	0.0022*
app_id[eWeLink]*summarized[1]	-1.269423	1.169728	-1.09	0.2785
app_id[eWeLink]*summarized[0]	1.2694232	1.169728	1.09	0.2785
app_id[Open Energy Monitor]*summarized[1]	-0.690705	0.878308	-0.79	0.4321
app_id[Open Energy Monitor]*summarized[0]	0.690705	0.878308	0.79	0.4321
app_id[JetRacer]*summarized[1]	-0.721766	1.001061	-0.72	0.4713
app_id[JetRacer]*summarized[0]	0.7217661	1.001061	0.72	0.4713
app_id[BookInfo]*summarized[1]	-0.445697	1.277409	-0.35	0.7273
app_id[BookInfo]*summarized[0]	0.4456975	1.277409	0.35	0.7273
app_id[Stack4Things]*summarized[1]	-0.423224	1.044618	-0.41	0.6856
app_id[Stack4Things]*summarized[0]	0.4232239	1.044618	0.41	0.6856

**Fit Group****Response graph\_edit\_distance****Scaled Estimates**

Term	Scaled Estimate	Std Error	t Ratio	Prob> t
version[v3]*rag[1]	-0.017876	0.715494	-0.02	0.9801
version[v3]*rag[0]	0.0178759	0.715494	0.02	0.9801
version[v2]*rag[1]	-0.537996	0.846616	-0.64	0.5255
version[v2]*rag[0]	0.5379956	0.846616	0.64	0.5255
version[v1]*rag[1]	0.5558714	0.906866	0.61	0.5402
version[v1]*rag[0]	-0.555871	0.906866	-0.61	0.5402
version[v3]*summarized[1]	-0.127478	0.607506	-0.21	0.8339
version[v3]*summarized[0]	0.1274784	0.607506	0.21	0.8339
version[v2]*summarized[1]	-0.146781	0.686986	-0.21	0.8309
version[v2]*summarized[0]	0.1467811	0.686986	0.21	0.8309
version[v1]*summarized[1]	0.2742594	0.731876	0.37	0.7080
version[v1]*summarized[0]	-0.274259	0.731876	-0.37	0.7080
rag[1]*summarized[1]	0.172436	0.532468	0.32	0.7462
rag[1]*summarized[0]	-0.172436	0.532468	-0.32	0.7462
rag[0]*summarized[1]	-0.172436	0.532468	-0.32	0.7462
rag[0]*summarized[0]	0.172436	0.532468	0.32	0.7462

**Prediction Profiler**

**Fit Group****Response validity\_edit\_distance****Actual by Predicted Plot****Effect Summary**

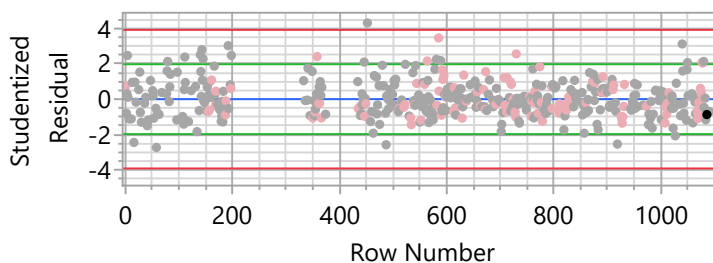
Source	Logworth	PValue
app_id	38.682	0.00000
summarized	20.170	0.00000
rag	3.244	0.00057
app_id*summarized	1.589	0.02579
version	0.720	0.19033
version*summarized	0.433	0.36860
app_id*version	0.391	0.40635
rag*summarized	0.296	0.50581
version*rag	0.221	0.60119

**Lack Of Fit**

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	28	13703.122	489.397	5.2683
Pure Error	387	35949.975	92.894	<b>Prob &gt; F</b>
Total Error	415	49653.097		<b>&lt;.0001*</b>

**Max RSq**

0.6745

**Studentized Residuals**

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

**Fit Group****Response validity\_edit\_distance****Effect Tests**

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
app_id	5	5	28947.605	48.3887	<.0001*
version	2	2	398.579	1.6657	0.1903
rag	1	1	1442.680	12.0579	0.0006*
summarized	1	1	11734.586	98.0775	<.0001*
app_id*version	10	10	1247.596	1.0427	0.4063
app_id*summarized	5	5	1544.059	2.5810	0.0258*
version*rag	2	2	121.912	0.5095	0.6012
version*summarized	2	2	239.401	1.0005	0.3686
rag*summarized	1	1	53.062	0.4435	0.5058

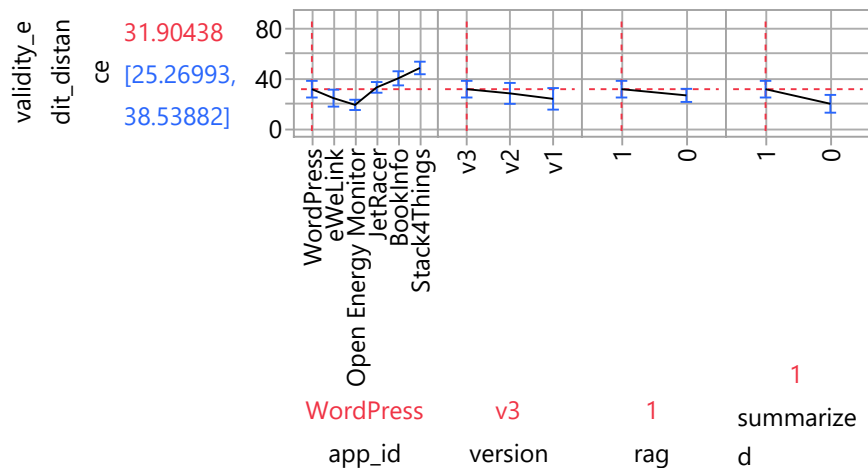
**Scaled Estimates**

Nominal factors expanded to all levels

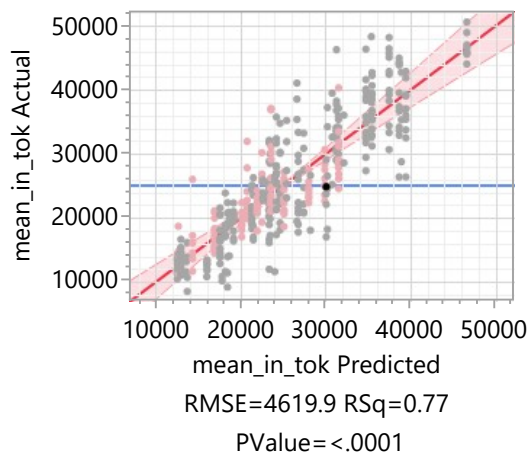
Term	Scaled Estimate		Std Error	t Ratio	Prob> t
rag[1]	2.3995505		0.691025	3.47	0.0006*
rag[0]	-2.399551		0.691025	-3.47	0.0006*
summarized[1]	6.1559084		0.621595	9.90	<.0001*
summarized[0]	-6.155908		0.621595	-9.90	<.0001*
app_id[WordPress]*version[v3]	3.4645458		1.849138	1.87	0.0617
app_id[WordPress]*version[v2]	-2.310133		1.961833	-1.18	0.2397
app_id[WordPress]*version[v1]	-1.154413		2.062569	-0.56	0.5760
app_id[eWeLink]*version[v3]	1.9895396		1.870095	1.06	0.2880
app_id[eWeLink]*version[v2]	-1.025526		1.991083	-0.52	0.6068
app_id[eWeLink]*version[v1]	-0.964013		2.229257	-0.43	0.6656
app_id[Open Energy Monitor]*version[v3]	-0.555515		1.374157	-0.40	0.6862
app_id[Open Energy Monitor]*version[v2]	-1.07105		1.589976	-0.67	0.5009
app_id[Open Energy Monitor]*version[v1]	1.6265653		1.652775	0.98	0.3256
app_id[JetRacer]*version[v3]	-3.42941		1.562631	-2.19	0.0287*
app_id[JetRacer]*version[v2]	3.0629908		1.857514	1.65	0.0999
app_id[JetRacer]*version[v1]	0.3664189		1.927407	0.19	0.8493
app_id[BookInfo]*version[v3]	-0.14527		1.926067	-0.08	0.9399
app_id[BookInfo]*version[v2]	-1.207941		2.417271	-0.50	0.6175
app_id[BookInfo]*version[v1]	1.3532109		2.430743	0.56	0.5780
app_id[Stack4Things]*version[v3]	-1.323891		1.689796	-0.78	0.4338
app_id[Stack4Things]*version[v2]	2.55166		1.940754	1.31	0.1893
app_id[Stack4Things]*version[v1]	-1.227769		2.291181	-0.54	0.5923
app_id[WordPress]*summarized[1]	0.939835		1.361325	0.69	0.4903
app_id[WordPress]*summarized[0]	-0.939835		1.361325	-0.69	0.4903
app_id[eWeLink]*summarized[1]	-2.092524		1.379204	-1.52	0.1300
app_id[eWeLink]*summarized[0]	2.0925238		1.379204	1.52	0.1300
app_id[Open Energy Monitor]*summarized[1]	-2.539248		1.035597	-2.45	0.0146*
app_id[Open Energy Monitor]*summarized[0]	2.539248		1.035597	2.45	0.0146*
app_id[JetRacer]*summarized[1]	-0.731711		1.180332	-0.62	0.5357
app_id[JetRacer]*summarized[0]	0.7317107		1.180332	0.62	0.5357
app_id[BookInfo]*summarized[1]	2.1186086		1.506169	1.41	0.1603
app_id[BookInfo]*summarized[0]	-2.118609		1.506169	-1.41	0.1603
app_id[Stack4Things]*summarized[1]	2.3050389		1.231689	1.87	0.0620
app_id[Stack4Things]*summarized[0]	-2.305039		1.231689	-1.87	0.0620

**Fit Group****Response validity\_edit\_distance****Scaled Estimates**

Term	Scaled Estimate	Std Error	t Ratio	Prob> t
version[v3]*rag[1]	0.4892395	0.843625	0.58	0.5623
version[v3]*rag[0]	-0.489239	0.843625	-0.58	0.5623
version[v2]*rag[1]	0.5828502	0.998229	0.58	0.5596
version[v2]*rag[0]	-0.58285	0.998229	-0.58	0.5596
version[v1]*rag[1]	-1.07209	1.069268	-1.00	0.3166
version[v1]*rag[0]	1.0720896	1.069268	1.00	0.3166
version[v3]*summarized[1]	-0.856402	0.716299	-1.20	0.2325
version[v3]*summarized[0]	0.8564018	0.716299	1.20	0.2325
version[v2]*summarized[1]	0.9241842	0.810012	1.14	0.2545
version[v2]*summarized[0]	-0.924184	0.810012	-1.14	0.2545
version[v1]*summarized[1]	-0.067782	0.862941	-0.08	0.9374
version[v1]*summarized[0]	0.0677824	0.862941	0.08	0.9374
rag[1]*summarized[1]	-0.418098	0.627822	-0.67	0.5058
rag[1]*summarized[0]	0.4180977	0.627822	0.67	0.5058
rag[0]*summarized[1]	0.4180977	0.627822	0.67	0.5058
rag[0]*summarized[0]	-0.418098	0.627822	-0.67	0.5058

**Prediction Profiler**



**Fit Group****Response mean\_in\_tok****Actual by Predicted Plot****Effect Summary**

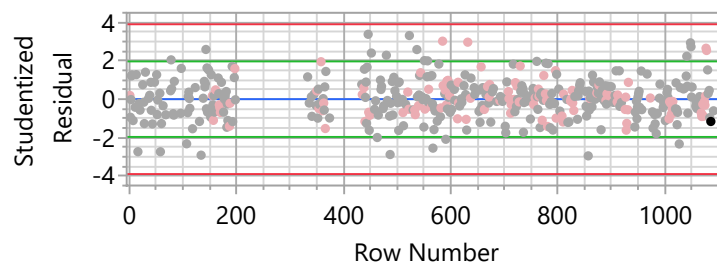
Source	Logworth	PValue
summarized	44.433	0.00000
app_id	41.604	0.00000
rag	32.315	0.00000
version	13.279	0.00000
app_id*version	5.259	0.00001
app_id*summarized	2.464	0.00343
version*summarized	0.590	0.25696
version*rag	0.077	0.83684
rag*summarized	0.072	0.84715

**Lack Of Fit**

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	28	2162935433	77247694	4.4654
Pure Error	387	6694717691	17299012	<b>Prob &gt; F</b>
Total Error	415	8857653124		<b>&lt;.0001*</b>

**Max RSq**

0.8228

**Studentized Residuals**

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

**Fit Group****Response mean\_in\_tok****Effect Tests**

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
app_id	5	5	5631630520	52.7708	<.0001*
version	2	2	1406301850	32.9441	<.0001*
rag	1	1	3660641776	171.5089	<.0001*
summarized	1	1	5453415679	255.5042	<.0001*
app_id*version	10	10	951549806	4.4582	<.0001*
app_id*summarized	5	5	383225593	3.5910	0.0034*
version*rag	2	2	7607093.97	0.1782	0.8368
version*summarized	2	2	58195568.4	1.3633	0.2570
rag*summarized	1	1	794039.585	0.0372	0.8471

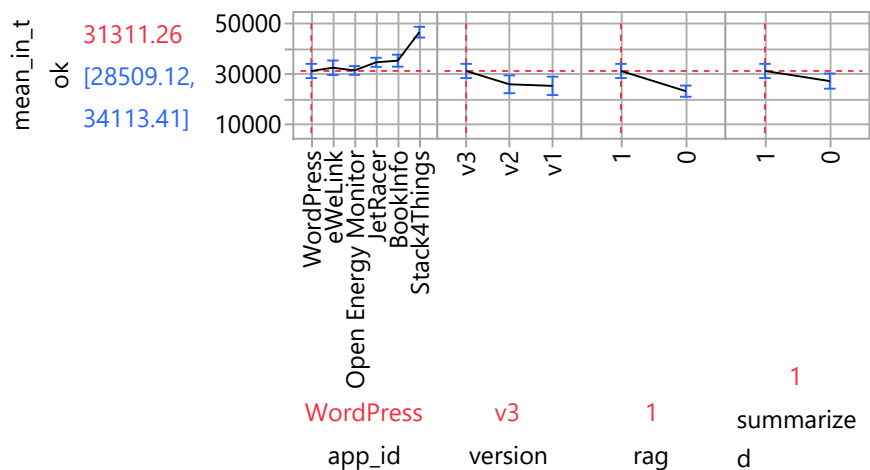
**Scaled Estimates**

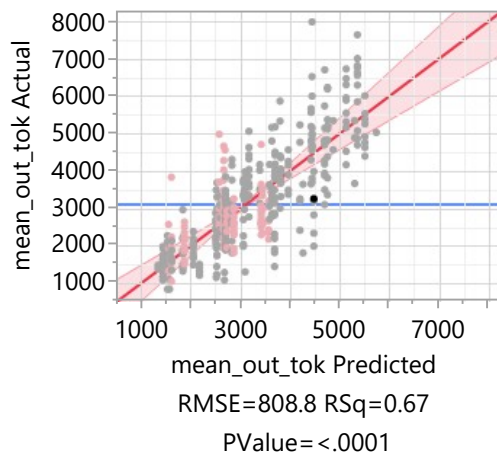
Nominal factors expanded to all levels

Term	Scaled Estimate		Std Error	t Ratio	Prob> t
rag[1]	3822.289		291.8638	13.10	<.0001*
rag[0]	-3822.289		291.8638	-13.10	<.0001*
summarized[1]	4196.5516		262.5388	15.98	<.0001*
summarized[0]	-4196.552		262.5388	-15.98	<.0001*
app_id[WordPress]*version[v3]	1302.5299		781.008	1.67	0.0961
app_id[WordPress]*version[v2]	-701.9684		828.6064	-0.85	0.3974
app_id[WordPress]*version[v1]	-600.5616		871.1533	-0.69	0.4910
app_id[eWeLink]*version[v3]	165.15545		789.8597	0.21	0.8345
app_id[eWeLink]*version[v2]	-453.8472		840.9603	-0.54	0.5897
app_id[eWeLink]*version[v1]	288.69176		941.5562	0.31	0.7593
app_id[Open Energy Monitor]*version[v3]	-693.8093		580.3934	-1.20	0.2326
app_id[Open Energy Monitor]*version[v2]	928.57207		671.5476	1.38	0.1675
app_id[Open Energy Monitor]*version[v1]	-234.7628		698.0715	-0.34	0.7368
app_id[JetRacer]*version[v3]	-3562.49		659.998	-5.40	<.0001*
app_id[JetRacer]*version[v2]	2424.547		784.5456	3.09	0.0021*
app_id[JetRacer]*version[v1]	1137.943		814.0661	1.40	0.1629
app_id[BookInfo]*version[v3]	222.73056		813.4998	0.27	0.7844
app_id[BookInfo]*version[v2]	-308.6517		1020.966	-0.30	0.7626
app_id[BookInfo]*version[v1]	85.921134		1026.656	0.08	0.9333
app_id[Stack4Things]*version[v3]	2565.8833		713.7077	3.60	0.0004*
app_id[Stack4Things]*version[v2]	-1888.652		819.7033	-2.30	0.0217*
app_id[Stack4Things]*version[v1]	-677.2315		967.7107	-0.70	0.4844
app_id[WordPress]*summarized[1]	-1649.197		574.9739	-2.87	0.0043*
app_id[WordPress]*summarized[0]	1649.1967		574.9739	2.87	0.0043*
app_id[eWeLink]*summarized[1]	-216.5822		582.5253	-0.37	0.7102
app_id[eWeLink]*summarized[0]	216.58217		582.5253	0.37	0.7102
app_id[Open Energy Monitor]*summarized[1]	-429.8113		437.398	-0.98	0.3263
app_id[Open Energy Monitor]*summarized[0]	429.8113		437.398	0.98	0.3263
app_id[JetRacer]*summarized[1]	1621.4647		498.5291	3.25	0.0012*
app_id[JetRacer]*summarized[0]	-1621.465		498.5291	-3.25	0.0012*
app_id[BookInfo]*summarized[1]	733.3885		636.1507	1.15	0.2496
app_id[BookInfo]*summarized[0]	-733.3885		636.1507	-1.15	0.2496
app_id[Stack4Things]*summarized[1]	-59.26311		520.2202	-0.11	0.9094
app_id[Stack4Things]*summarized[0]	59.263115		520.2202	0.11	0.9094

**Fit Group****Response mean\_in\_tok****Scaled Estimates**

Term	Scaled Estimate	Std Error	t Ratio	Prob> t
version[v3]*rag[1]	212.31998	356.3163	0.60	0.5516
version[v3]*rag[0]	-212.32	356.3163	-0.60	0.5516
version[v2]*rag[1]	-69.70383	421.6154	-0.17	0.8688
version[v2]*rag[0]	69.703835	421.6154	0.17	0.8688
version[v1]*rag[1]	-142.6161	451.6196	-0.32	0.7523
version[v1]*rag[0]	142.61615	451.6196	0.32	0.7523
version[v3]*summarized[1]	-496.4412	302.5383	-1.64	0.1016
version[v3]*summarized[0]	496.44115	302.5383	1.64	0.1016
version[v2]*summarized[1]	264.06582	342.1195	0.77	0.4406
version[v2]*summarized[0]	-264.0658	342.1195	-0.77	0.4406
version[v1]*summarized[1]	232.37533	364.4745	0.64	0.5241
version[v1]*summarized[0]	-232.3753	364.4745	-0.64	0.5241
rag[1]*summarized[1]	-51.14566	265.1691	-0.19	0.8471
rag[1]*summarized[0]	51.145659	265.1691	0.19	0.8471
rag[0]*summarized[1]	51.145659	265.1691	0.19	0.8471
rag[0]*summarized[0]	-51.14566	265.1691	-0.19	0.8471

**Prediction Profiler**

**Fit Group****Response mean\_out\_tok****Actual by Predicted Plot****Effect Summary**

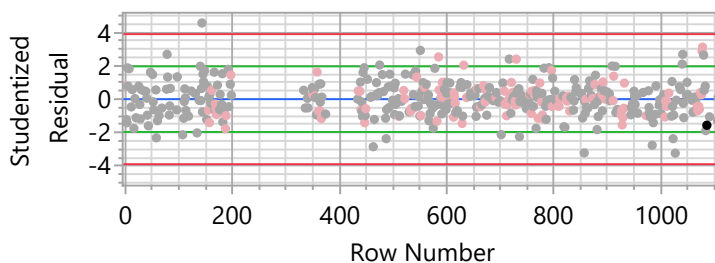
Source	Logworth	PValue
app_id	42.485	0.00000
summarized	29.406	0.00000
rag	18.204	0.00000
app_id*summarized	1.934	0.01165
app_id*version	1.583	0.02610
rag*summarized	0.712	0.19411
version*summarized	0.601	0.25039
version*rag	0.090	0.81285
version	0.006	0.98565 ^

**Lack Of Fit**

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	28	105961791	3784350	8.8486
Pure Error	387	165511546	427678	<b>Prob &gt; F</b>
Total Error	415	271473337		<b>&lt;.0001*</b>

**Max RSq**

0.8017

**Studentized Residuals**

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

**Fit Group****Response mean\_out\_tok****Effect Tests**

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
app_id	5	5	177017422	54.1211	<.0001*
version	2	2	18907	0.0145	0.9857
rag	1	1	56987980	87.1173	<.0001*
summarized	1	1	100078659	152.9898	<.0001*
app_id*version	10	10	13511807	2.0655	0.0261*
app_id*summarized	5	5	9762513	2.9848	0.0117*
version*rag	2	2	271231	0.2073	0.8128
version*summarized	2	2	1817717	1.3894	0.2504
rag*summarized	1	1	1106579	1.6916	0.1941

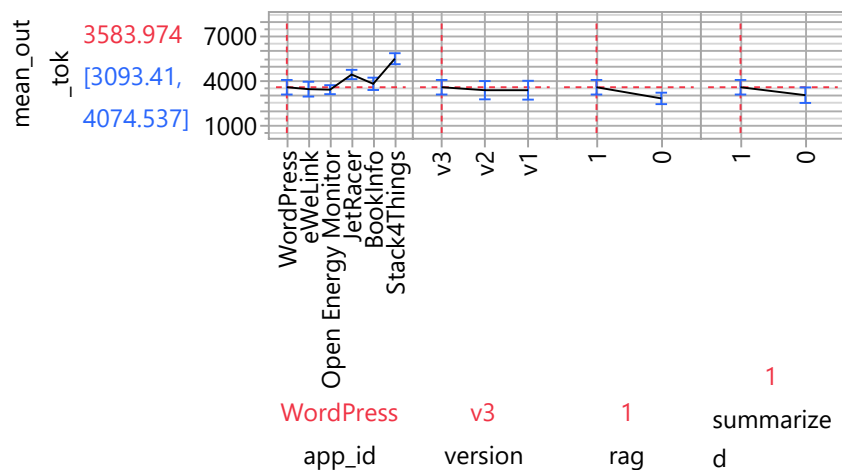
**Scaled Estimates**

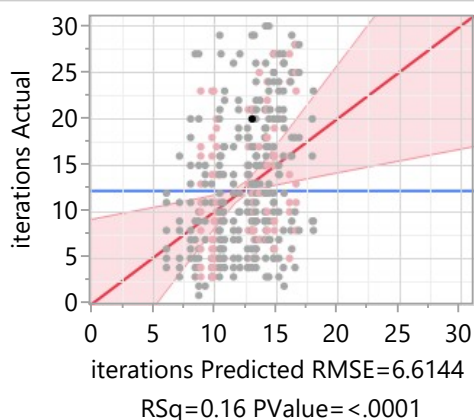
Nominal factors expanded to all levels

Term	Scaled Estimate		Std Error	t Ratio	Prob> t
rag[1]	476.91012		51.09571	9.33	<.0001*
rag[0]	-476.9101		51.09571	-9.33	<.0001*
summarized[1]	568.49808		45.96188	12.37	<.0001*
summarized[0]	-568.4981		45.96188	-12.37	<.0001*
app_id[WordPress]*version[v3]	252.2749		136.7287	1.85	0.0657
app_id[WordPress]*version[v2]	-136.1595		145.0616	-0.94	0.3485
app_id[WordPress]*version[v1]	-116.1154		152.5102	-0.76	0.4469
app_id[eWeLink]*version[v3]	73.060176		138.2784	0.53	0.5975
app_id[eWeLink]*version[v2]	-95.70356		147.2244	-0.65	0.5160
app_id[eWeLink]*version[v1]	22.64338		164.8354	0.14	0.8908
app_id[Open Energy Monitor]*version[v3]	61.202461		101.6077	0.60	0.5473
app_id[Open Energy Monitor]*version[v2]	22.332087		117.5658	0.19	0.8494
app_id[Open Energy Monitor]*version[v1]	-83.53455		122.2093	-0.68	0.4946
app_id[JetRacer]*version[v3]	-414.9691		115.5439	-3.59	0.0004*
app_id[JetRacer]*version[v2]	310.74692		137.348	2.26	0.0242*
app_id[JetRacer]*version[v1]	104.22216		142.5161	0.73	0.4650
app_id[BookInfo]*version[v3]	-82.83628		142.417	-0.58	0.5611
app_id[BookInfo]*version[v2]	182.84251		178.7375	1.02	0.3069
app_id[BookInfo]*version[v1]	-100.0062		179.7337	-0.56	0.5782
app_id[Stack4Things]*version[v3]	111.26782		124.9467	0.89	0.3737
app_id[Stack4Things]*version[v2]	-284.0585		143.503	-1.98	0.0484*
app_id[Stack4Things]*version[v1]	172.79068		169.4142	1.02	0.3084
app_id[WordPress]*summarized[1]	-154.62		100.6589	-1.54	0.1253
app_id[WordPress]*summarized[0]	154.62		100.6589	1.54	0.1253
app_id[eWeLink]*summarized[1]	-114.3094		101.9809	-1.12	0.2630
app_id[eWeLink]*summarized[0]	114.30938		101.9809	1.12	0.2630
app_id[Open Energy Monitor]*summarized[1]	-147.2999		76.57394	-1.92	0.0551
app_id[Open Energy Monitor]*summarized[0]	147.29989		76.57394	1.92	0.0551
app_id[JetRacer]*summarized[1]	211.94307		87.27599	2.43	0.0156*
app_id[JetRacer]*summarized[0]	-211.9431		87.27599	-2.43	0.0156*
app_id[BookInfo]*summarized[1]	220.33777		111.369	1.98	0.0485*
app_id[BookInfo]*summarized[0]	-220.3378		111.369	-1.98	0.0485*
app_id[Stack4Things]*summarized[1]	-16.05158		91.07339	-0.18	0.8602
app_id[Stack4Things]*summarized[0]	16.051579		91.07339	0.18	0.8602

**Fit Group****Response mean\_out\_tok****Scaled Estimates**

Term	Scaled Estimate	Std Error	t Ratio	Prob> t
version[v3]*rag[1]	-39.77309	62.37921	-0.64	0.5241
version[v3]*rag[0]	39.773093	62.37921	0.64	0.5241
version[v2]*rag[1]	22.038315	73.81093	0.30	0.7654
version[v2]*rag[0]	-22.03831	73.81093	-0.30	0.7654
version[v1]*rag[1]	17.734779	79.06368	0.22	0.8226
version[v1]*rag[0]	-17.73478	79.06368	-0.22	0.8226
version[v3]*summarized[1]	-85.61519	52.96446	-1.62	0.1068
version[v3]*summarized[0]	85.615189	52.96446	1.62	0.1068
version[v2]*summarized[1]	58.115641	59.89383	0.97	0.3325
version[v2]*summarized[0]	-58.11564	59.89383	-0.97	0.3325
version[v1]*summarized[1]	27.499548	63.80745	0.43	0.6667
version[v1]*summarized[0]	-27.49955	63.80745	-0.43	0.6667
rag[1]*summarized[1]	-60.37803	46.42236	-1.30	0.1941
rag[1]*summarized[0]	60.378026	46.42236	1.30	0.1941
rag[0]*summarized[1]	60.378026	46.42236	1.30	0.1941
rag[0]*summarized[0]	-60.37803	46.42236	-1.30	0.1941

**Prediction Profiler**

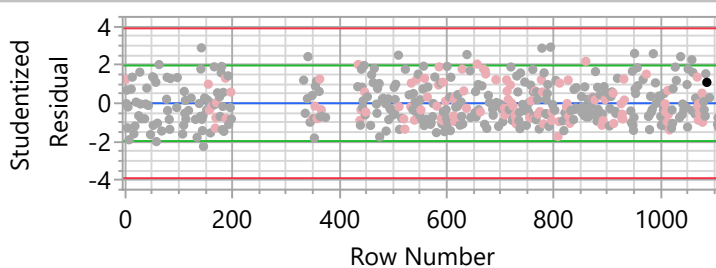
**Fit Group****Response iterations****Actual by Predicted Plot****Effect Summary**

Source	Logworth	PValue
version	4.200	0.00006
app_id	2.558	0.00277
summarized	0.800	0.15850
rag	0.394	0.40371
version*rag	0.334	0.46377
app_id*version	0.275	0.53136
app_id*summarized	0.272	0.53424
rag*summarized	0.188	0.64808
version*summarized	0.011	0.97535

**Lack Of Fit**

Source	DF	Sum of Squares	Mean Square	F Ratio
Lack Of Fit	28	1153.355	41.1912	0.9375
Pure Error	387	17002.924	43.9352	<b>Prob &gt; F</b>
Total Error	415	18156.279		0.5597

**Max RSq**  
0.2112

**Studentized Residuals**

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

**Fit Group****Response iterations****Effect Tests**

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
app_id	5	5	808.49160	3.6960	0.0028*
version	2	2	866.17721	9.8992	<.0001*
rag	1	1	30.56647	0.6987	0.4037
summarized	1	1	87.30927	1.9956	0.1585
app_id*version	10	10	394.57120	0.9019	0.5314
app_id*summarized	5	5	179.88178	0.8223	0.5342
version*rag	2	2	67.35630	0.7698	0.4638
version*summarized	2	2	2.18389	0.0250	0.9754
rag*summarized	1	1	9.12790	0.2086	0.6481

**Scaled Estimates**

Nominal factors expanded to all levels

Term	Scaled Estimate		Std Error	t Ratio	Prob> t
Intercept	12.906668		0.377403	34.20	<.0001*
app_id[WordPress]	-2.280003		0.836387	-2.73	0.0067*
app_id[eWeLink]	0.3046534		0.871156	0.35	0.7267
app_id[Open Energy Monitor]	-0.112718		0.661458	-0.17	0.8648
app_id[JetRacer]	-1.496454		0.770398	-1.94	0.0528
app_id[BookInfo]	1.2647618		0.962206	1.31	0.1894
app_id[Stack4Things]	2.3197597		0.851801	2.72	0.0067*
version[v3]	-2.083387		0.476371	-4.37	<.0001*
version[v2]	1.3695701		0.554226	2.47	0.0139*
version[v1]	0.7138173		0.571579	1.25	0.2124
rag[1]	0.349275		0.417863	0.84	0.4037
rag[0]	-0.349275		0.417863	-0.84	0.4037
summarized[1]	0.5309926		0.375879	1.41	0.1585
summarized[0]	-0.530993		0.375879	-1.41	0.1585
app_id[WordPress]*version[v3]	1.453497		1.118174	1.30	0.1944
app_id[WordPress]*version[v2]	-0.943151		1.186321	-0.80	0.4271
app_id[WordPress]*version[v1]	-0.510346		1.247236	-0.41	0.6826
app_id[eWeLink]*version[v3]	0.229703		1.130847	0.20	0.8391
app_id[eWeLink]*version[v2]	0.5706113		1.204009	0.47	0.6358
app_id[eWeLink]*version[v1]	-0.800314		1.348032	-0.59	0.5530
app_id[Open Energy Monitor]*version[v3]	-0.997821		0.830953	-1.20	0.2305
app_id[Open Energy Monitor]*version[v2]	1.1521158		0.961459	1.20	0.2315
app_id[Open Energy Monitor]*version[v1]	-0.154295		0.999434	-0.15	0.8774
app_id[JetRacer]*version[v3]	-1.876103		0.944924	-1.99	0.0478*
app_id[JetRacer]*version[v2]	0.1974094		1.123239	0.18	0.8606
app_id[JetRacer]*version[v1]	1.6786939		1.165504	1.44	0.1505
app_id[BookInfo]*version[v3]	-0.323991		1.164693	-0.28	0.7810
app_id[BookInfo]*version[v2]	-0.620691		1.461725	-0.42	0.6713
app_id[BookInfo]*version[v1]	0.9446819		1.469871	0.64	0.5208
app_id[Stack4Things]*version[v3]	1.5147153		1.02182	1.48	0.1390
app_id[Stack4Things]*version[v2]	-0.356295		1.173575	-0.30	0.7616
app_id[Stack4Things]*version[v1]	-1.15842		1.385478	-0.84	0.4036
app_id[WordPress]*summarized[1]	-1.510768		0.823194	-1.84	0.0672
app_id[WordPress]*summarized[0]	1.5107675		0.823194	1.84	0.0672



**Fit Group****Response iterations****Scaled Estimates**

Term	Scaled Estimate		Std Error	t Ratio	Prob> t
app_id[eWeLink]*summarized[1]	-0.053621		0.834005	-0.06	0.9488
app_id[eWeLink]*summarized[0]	0.0536208		0.834005	0.06	0.9488
app_id[Open Energy Monitor]*summarized[1]	-0.156417		0.626226	-0.25	0.8029
app_id[Open Energy Monitor]*summarized[0]	0.1564175		0.626226	0.25	0.8029
app_id[JetRacer]*summarized[1]	0.3708146		0.713748	0.52	0.6037
app_id[JetRacer]*summarized[0]	-0.370815		0.713748	-0.52	0.6037
app_id[BookInfo]*summarized[1]	1.0251826		0.910781	1.13	0.2610
app_id[BookInfo]*summarized[0]	-1.025183		0.910781	-1.13	0.2610
app_id[Stack4Things]*summarized[1]	0.3248087		0.744803	0.44	0.6630
app_id[Stack4Things]*summarized[0]	-0.324809		0.744803	-0.44	0.6630
version[v3]*rag[1]	0.0083619		0.51014	0.02	0.9869
version[v3]*rag[0]	-0.008362		0.51014	-0.02	0.9869
version[v2]*rag[1]	0.7022275		0.60363	1.16	0.2454
version[v2]*rag[0]	-0.702228		0.60363	-1.16	0.2454
version[v1]*rag[1]	-0.710589		0.646587	-1.10	0.2724
version[v1]*rag[0]	0.7105894		0.646587	1.10	0.2724
version[v3]*summarized[1]	-0.093689		0.433146	-0.22	0.8289
version[v3]*summarized[0]	0.0936892		0.433146	0.22	0.8289
version[v2]*summarized[1]	0.0642722		0.489815	0.13	0.8957
version[v2]*summarized[0]	-0.064272		0.489815	-0.13	0.8957
version[v1]*summarized[1]	0.029417		0.521821	0.06	0.9551
version[v1]*summarized[0]	-0.029417		0.521821	-0.06	0.9551
rag[1]*summarized[1]	-0.17341		0.379644	-0.46	0.6481
rag[1]*summarized[0]	0.1734096		0.379644	0.46	0.6481
rag[0]*summarized[1]	0.1734096		0.379644	0.46	0.6481
rag[0]*summarized[0]	-0.17341		0.379644	-0.46	0.6481

**Prediction Profiler**