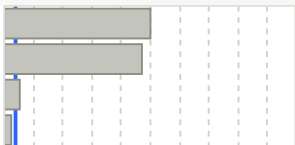


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**Nominal Logistic Fit for converged****Effect Summary**

Source	Logworth		PValue
app_id	25.072		0.00000
version	23.560		0.00000
rag	2.684		0.00207
summarized	1.235		0.05827

Converged in Gradient, 4 iterations

**Whole Model Test**

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	114.69698	9	229.394	<.0001*
Full	542.67872			
Reduced	657.37570			

RSquare (U)	0.1745
AICc	1105.59
BIC	1153.92
Observations (or Sum Wgts)	950

**Lack Of Fit**

Source	DF	-LogLikelihood	ChiSquare	Prob>ChiSq
Lack Of Fit	50	46.67249	93.34499	
Saturated	59	496.00623		
Fitted	9	542.67872	0.0002*	

**Parameter Estimates**

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq	Lower 95%	Upper 95%
Intercept	0.15927732	0.0864926	3.39	0.0655	-0.0100616	0.32926739
app_id[WordPress]	1.01213236	0.1957994	26.72	<.0001*	0.63451595	1.40355694
app_id[Stack4Things]	-0.6611386	0.2180279	9.20	0.0024*	-1.093579	-0.2367882
app_id[Open Energy Monitor]	0.63765451	0.1497785	18.12	<.0001*	0.34653454	0.93425608
app_id[JetRacer]	-0.1226303	0.1455636	0.71	0.3995	-0.4084114	0.16272603
app_id[eWeLink]	0.57267403	0.1937935	8.73	0.0031*	0.19582245	0.95681805
version[v3]	1.04736957	0.1070513	95.72	<.0001*	0.84055891	1.2605986
version[v2]	-0.4473564	0.1056553	17.93	<.0001*	-0.6556905	-0.2412204
rag[1]	0.26384992	0.0861157	9.39	0.0022*	0.09570543	0.43354706
summarized[1]	0.14010297	0.074118	3.57	0.0587	-0.0048988	0.28582789

Confidence limits are likelihood-based.

For log odds of 1/0

**Effect Likelihood Ratio Tests**

Source	Nparm	DF	ChiSquare	Prob>ChiSq
app_id	5	5	127.398627	<.0001*
version	2	2	108.496404	<.0001*
rag	1	1	9.48647127	0.0021*
summarized	1	1	3.58598466	0.0583

**Odds Ratios**

For converged odds of 1 versus 0

**Nominal Logistic Fit for converged****Odds Ratios****Odds Ratios for app\_id**

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald)	
				Lower	Upper
WordPress	BookInfo	11.5979	<.0001*	6.566236	20.48531
Stack4Things	BookInfo	2.176142	0.0096*	1.208652	3.918079
Open Energy Monitor	BookInfo	7.975278	<.0001*	5.01134	12.69223
JetRacer	BookInfo	3.728708	<.0001*	2.365925	5.876459
eWeLink	BookInfo	7.47352	<.0001*	4.251431	13.13758
BookInfo	eWeLink	0.133806	<.0001*	0.076118	0.235215
WordPress	eWeLink	1.551866	0.1353	0.871766	2.76254
Stack4Things	eWeLink	0.29118	0.0002*	0.151769	0.558651
Open Energy Monitor	eWeLink	1.067138	0.8075	0.632709	1.799853
JetRacer	eWeLink	0.498923	0.0085*	0.297144	0.837721
eWeLink	JetRacer	2.004319	0.0085*	1.193714	3.365373
BookInfo	JetRacer	0.268189	<.0001*	0.170171	0.422668
WordPress	JetRacer	3.110435	<.0001*	1.846029	5.240875
Stack4Things	JetRacer	0.583618	0.0614	0.331976	1.026009
Open Energy Monitor	JetRacer	2.138885	0.0004*	1.409515	3.245678
JetRacer	Open Energy Monitor	0.467533	0.0004*	0.308102	0.709464
eWeLink	Open Energy Monitor	0.937086	0.8075	0.555601	1.580504
BookInfo	Open Energy Monitor	0.125387	<.0001*	0.078788	0.199547
WordPress	Open Energy Monitor	1.454232	0.1631	0.859217	2.4613
Stack4Things	Open Energy Monitor	0.272861	<.0001*	0.153804	0.484078
Open Energy Monitor	Stack4Things	3.664871	<.0001*	2.065781	6.501793
JetRacer	Stack4Things	1.713449	0.0614	0.97465	3.012267
eWeLink	Stack4Things	3.434298	0.0002*	1.790028	6.588951
BookInfo	Stack4Things	0.459529	0.0096*	0.255227	0.827368
WordPress	Stack4Things	5.329572	<.0001*	2.766611	10.26683
Stack4Things	WordPress	0.187632	<.0001*	0.097401	0.361453
Open Energy Monitor	WordPress	0.687648	0.1631	0.406289	1.16385
JetRacer	WordPress	0.321498	<.0001*	0.190808	0.541703
eWeLink	WordPress	0.644385	0.1353	0.361986	1.147096
BookInfo	WordPress	0.086222	<.0001*	0.048815	0.152294

**Odds Ratios for version**

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald)	
				Lower	Upper
v3	v1	5.19337	<.0001*	3.613618	7.463735
v2	v1	1.164925	0.4032	0.814429	1.666259
v1	v2	0.858424	0.4032	0.600147	1.227854
v3	v2	4.458115	<.0001*	3.105897	6.399048
v2	v3	0.22431	<.0001*	0.156273	0.321968
v1	v3	0.192553	<.0001*	0.133981	0.276731

**Odds Ratios for rag**

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald)	
				Lower	Upper
1	0	1.695029	0.0022*	1.20941	2.375641
0	1	0.58996	0.0022*	0.420939	0.82685

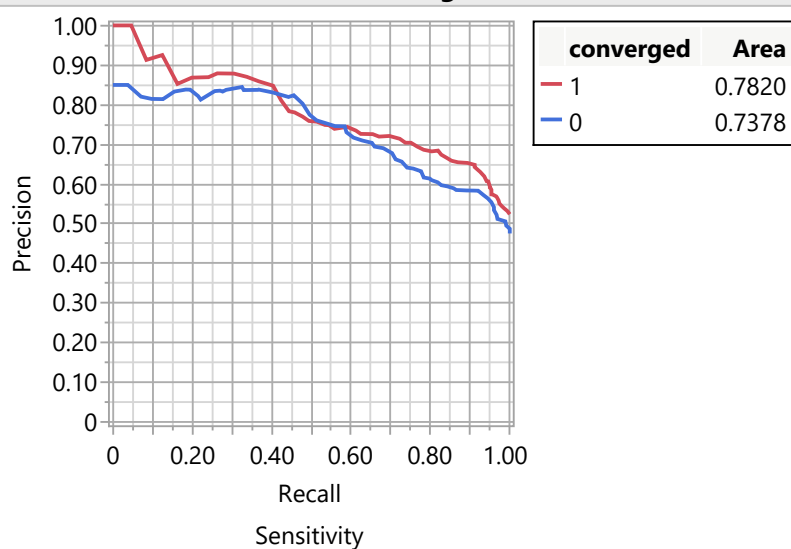
**Nominal Logistic Fit for converged****Odds Ratios****Odds Ratios for summarized**

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald)	
				Lower	Upper
1	0	1.323402	0.0587	0.989722	1.769582
0	1	0.755628	0.0587	0.565105	1.010385

Normal approximations used for ratio confidence limits effects:

app\_id version rag summarized

Tests and confidence intervals on odds ratios are Wald based.

**Precision-Recall Curve on Training Data****Prediction Profiler**