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Nominal Logistic Fit for converged

Effect Summary

Source	Logworth	PValue
app_id	20.494	0.00000
version	11.354	0.00000
rag	3.044	0.00090
app_id*summarized	1.673	0.02122
app_id*version	1.145	0.07162
version*rag	0.689	0.20471
version*summarized	0.358	0.43869
rag*summarized	0.332	0.46506
summarized	0.001	0.99660 ^

Converged in Gradient, 5 iterations

Whole Model Test

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	108.07316	29	216.1463	<.0001*
Full	436.48604			
Reduced	544.55920			

RSquare (U)	0.1985
AICc	935.436
BIC	1072.98
Observations (or Sum Wgts)	786

Lack Of Fit

Source	DF	-LogLikelihood	ChiSquare
Lack Of Fit	30	23.03062	46.06124
Saturated	59	413.45542	Prob>ChiSq
Fitted	29	436.48604	0.0307*

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept	0.14124467	0.1143886	1.52	0.2169
app_id[WordPress]	0.95649338	0.2133033	20.11	<.0001*
app_id[Stack4Things]	-0.6355826	0.3978108	2.55	0.1101
app_id[Open Energy Monitor]	0.64663456	0.2003863	10.41	0.0013*
app_id[JetRacer]	-0.1936462	0.1754053	1.22	0.2696
app_id[eWeLink]	0.74438085	0.2274779	10.71	0.0011*
version[v3]	1.00486019	0.1523846	43.48	<.0001*
version[v2]	-0.290505	0.1557966	3.48	0.0622
rag[1]	0.32621217	0.0993236	10.79	0.0010*
summarized[1]	0.00042005	0.0986322	0.00	0.9966
app_id[WordPress]*version[v3]	-0.8096629	0.2937656	7.60	0.0058*
app_id[WordPress]*version[v2]	0.13984567	0.30096	0.22	0.6422
app_id[Stack4Things]*version[v3]	0.26350484	0.4441957	0.35	0.5530
app_id[Stack4Things]*version[v2]	0.4496418	0.5281633	0.72	0.3946
app_id[Open Energy Monitor]*version[v3]	0.86129709	0.3130684	7.57	0.0059*
app_id[Open Energy Monitor]*version[v2]	-0.3888559	0.2552742	2.32	0.1277
app_id[JetRacer]*version[v3]	-0.0030811	0.2408567	0.00	0.9898
app_id[JetRacer]*version[v2]	-0.1717886	0.2412467	0.51	0.4764
app_id[eWeLink]*version[v3]	-0.1746904	0.3289429	0.28	0.5954
app_id[eWeLink]*version[v2]	0.09050403	0.3145865	0.08	0.7736
app_id[WordPress]*summarized[1]	-0.3114737	0.2061904	2.28	0.1309
app_id[Stack4Things]*summarized[1]	-0.5349031	0.2978381	3.23	0.0725
app_id[Open Energy Monitor]*summarized[1]	0.23366265	0.1808492	1.67	0.1963
app_id[JetRacer]*summarized[1]	0.48679126	0.1670643	8.49	0.0036*
app_id[eWeLink]*summarized[1]	-0.0872171	0.2200239	0.16	0.6918

Nominal Logistic Fit for converged

Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
version[v3]*rag[1]	-0.1350429	0.138735	0.95	0.3304
version[v2]*rag[1]	-0.1197178	0.1379609	0.75	0.3855
version[v3]*summarized[1]	0.12599768	0.1263405	0.99	0.3186
version[v2]*summarized[1]	-0.1429269	0.1190985	1.44	0.2301
rag[1]*summarized[1]	-0.0727541	0.099629	0.53	0.4652

For log odds of 1/0

Effect Likelihood Ratio Tests

Source	Nparm	DF	L-R ChiSquare	Prob>ChiSq
app_id	5	5	105.769105	<.0001*
version	2	2	52.2886561	<.0001*
rag	1	1	11.0167763	0.0009*
summarized	1	1	1.81363e-5	0.9966
app_id*version	10	10	17.1260849	0.0716
app_id*summarized	5	5	13.2411591	0.0212*
version*rag	2	2	3.17231026	0.2047
version*summarized	2	2	1.64794173	0.4387
rag*summarized	1	1	0.5336892	0.4651

Odds Ratios

For converged odds of 1 versus 0

Odds Ratios for app_id

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald) Lower	Upper
WordPress	BookInfo	11.87902	<.0001*	6.359613	22.18861
Stack4Things	BookInfo	2.417412	0.0852	0.88488	6.604153
Open Energy Monitor	BookInfo	8.713858	<.0001*	4.916426	15.44441
JetRacer	BookInfo	3.760808	<.0001*	2.227975	6.348222
eWeLink	BookInfo	9.608623	<.0001*	5.001889	18.45815
BookInfo	eWeLink	0.104073	<.0001*	0.054177	0.199924
WordPress	eWeLink	1.236287	0.4981	0.669264	2.28371
Stack4Things	eWeLink	0.251588	0.0090*	0.089327	0.70859
Open Energy Monitor	eWeLink	0.906879	0.7611	0.482927	1.703009
JetRacer	eWeLink	0.391399	0.0017*	0.218047	0.702571
eWeLink	JetRacer	2.554936	0.0017*	1.423343	4.586173
BookInfo	JetRacer	0.2659	<.0001*	0.157524	0.448838
WordPress	JetRacer	3.158634	<.0001*	1.817147	5.490457
Stack4Things	JetRacer	0.642791	0.3738	0.2427	1.702429
Open Energy Monitor	JetRacer	2.317017	0.0012*	1.391274	3.858743
JetRacer	Open Energy Monitor	0.431589	0.0012*	0.259152	0.718766
eWeLink	Open Energy Monitor	1.102683	0.7611	0.587196	2.070705
BookInfo	Open Energy Monitor	0.11476	<.0001*	0.064748	0.2034
WordPress	Open Energy Monitor	1.363233	0.3120	0.747601	2.485822
Stack4Things	Open Energy Monitor	0.277422	0.0120*	0.101981	0.754678
Open Energy Monitor	Stack4Things	3.604623	0.0120*	1.325069	9.805756
JetRacer	Stack4Things	1.555717	0.3738	0.587396	4.120312
eWeLink	Stack4Things	3.974756	0.0090*	1.411254	11.19478
BookInfo	Stack4Things	0.413666	0.0852	0.15142	1.130097
WordPress	Stack4Things	4.913939	0.0022*	1.775063	13.60335
Stack4Things	WordPress	0.203503	0.0022*	0.073511	0.56336
Open Energy Monitor	WordPress	0.733551	0.3120	0.402281	1.337612
JetRacer	WordPress	0.316593	<.0001*	0.182134	0.550313
eWeLink	WordPress	0.808874	0.4981	0.437884	1.494178

Nominal Logistic Fit for converged

Odds Ratios

Odds Ratios for version

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald) Lower	Upper
v3	v1	5.580149	<.0001*	3.161523	9.849069
v2	v1	1.527833	0.1512	0.85652	2.725298
v1	v2	0.654522	0.1512	0.366932	1.167515
v3	v2	3.652329	<.0001*	2.224013	5.997947
v2	v3	0.273798	<.0001*	0.166724	0.449638
v1	v3	0.179207	<.0001*	0.101532	0.316303

Odds Ratios for rag

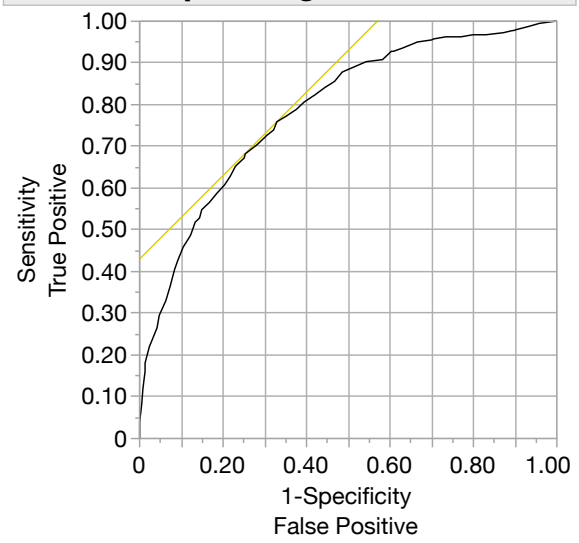
Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald) Lower	Upper
1	0	1.92019	0.0010*	1.300934	2.834217
0	1	0.520782	0.0010*	0.352831	0.768678

Odds Ratios for summarized

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald) Lower	Upper
1	0	1.00084	0.9966	0.679913	1.473251
0	1	0.99916	0.9966	0.678771	1.470777

Normal approximations used for ratio confidence limits
effects: app_id version rag summarized
Tests and confidence intervals on odds ratios are Wald based.

Receiver Operating Characteristic



Using converged='1' to be the positive level

AUC
0.78817

Nominal Logistic Fit for converged

Prediction Profiler