

Table of Contents

Nominal Logistic Fit for converged .....2

  Effect Summary .....2

  Whole Model Test .....2

  Lack Of Fit .....2

  Parameter Estimates .....2

  Effect Likelihood Ratio Tests .....2

  Odds Ratios .....2

    Odds Ratios for app\_id .....3

    Odds Ratios for version .....3

    Odds Ratios for rag .....3

    Odds Ratios for summarized .....4

  Receiver Operating Characteristic .....4

  Prediction Profiler .....4

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

Source	Logworth	PValue
app_id	20.585	0.00000
version	18.204	0.00000
rag	2.582	0.00262
summarized	0.986	0.10337

Converged in Gradient, 4 iterations

**Whole Model Test**

Model	-LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	91.13873	9	182.2775	<.0001*
Full	453.42048			
Reduced	544.55920			

RSquare (U)	0.1674
AICc	927.125
BIC	973.511
Observations (or Sum Wgts)	786

**Lack Of Fit**

Source	DF	-LogLikelihood	ChiSquare
Lack Of Fit	50	39.96506	79.93011
Saturated	59	413.45542	Prob>ChiSq
Fitted	9	453.42048	0.0046*

**Parameter Estimates**

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept	0.14788993	0.0968589	2.33	0.1268
app_id[WordPress]	0.97558851	0.2094037	21.71	<.0001*
app_id[Stack4Things]	-0.3525625	0.2741546	1.65	0.1984
app_id[Open Energy Monitor]	0.4778704	0.162593	8.64	0.0033*
app_id[JetRacer]	-0.2352639	0.1595129	2.18	0.1402
app_id[eWeLink]	0.70052108	0.2145569	10.66	0.0011*
version[v3]	1.00592458	0.118354	72.24	<.0001*
version[v2]	-0.3251532	0.1146488	8.04	0.0046*
rag[1]	0.2834443	0.0948261	8.93	0.0028*
summarized[1]	0.13140043	0.0807783	2.65	0.1038

For log odds of 1/0

**Effect Likelihood Ratio Tests**

Source	Nparm	DF	ChiSquare	Prob>ChiSq
app_id	5	5	106.200169	<.0001*
version	2	2	83.8348005	<.0001*
rag	1	1	9.05668734	0.0026*
summarized	1	1	2.6526909	0.1034

**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	12.70178	<.0001*	6.817761	23.66396
Stack4Things	BookInfo	3.365549	0.0010*	1.635927	6.923852
Open Energy Monitor	BookInfo	7.721618	<.0001*	4.631327	12.87393
JetRacer	BookInfo	3.784409	<.0001*	2.288327	6.258611
eWeLink	BookInfo	9.647267	<.0001*	5.129564	18.14379
BookInfo	eWeLink	0.103656	<.0001*	0.055115	0.194948
WordPress	eWeLink	1.316619	0.3808	0.71172	2.435629
Stack4Things	eWeLink	0.34886	0.0084*	0.159352	0.763742
Open Energy Monitor	eWeLink	0.800394	0.4426	0.453365	1.413058
JetRacer	eWeLink	0.392278	0.0012*	0.222604	0.691282
eWeLink	JetRacer	2.549214	0.0012*	1.446588	4.492288
BookInfo	JetRacer	0.264242	<.0001*	0.15978	0.437
WordPress	JetRacer	3.356344	<.0001*	1.927269	5.845082
Stack4Things	JetRacer	0.88932	0.7400	0.444788	1.778128
Open Energy Monitor	JetRacer	2.040376	0.0017*	1.306135	3.187369
JetRacer	Open Energy Monitor	0.490106	0.0017*	0.313738	0.765617
eWeLink	Open Energy Monitor	1.249384	0.4426	0.707685	2.205728
BookInfo	Open Energy Monitor	0.129507	<.0001*	0.077676	0.215921
WordPress	Open Energy Monitor	1.644963	0.0797	0.942732	2.870278
Stack4Things	Open Energy Monitor	0.435861	0.0201*	0.216371	0.878003
Open Energy Monitor	Stack4Things	2.294312	0.0201*	1.138949	4.621688
JetRacer	Stack4Things	1.124455	0.7400	0.562389	2.248264
eWeLink	Stack4Things	2.866477	0.0084*	1.309343	6.275426
BookInfo	Stack4Things	0.297128	0.0010*	0.144428	0.611274
WordPress	Stack4Things	3.774059	0.0008*	1.737302	8.198643
Stack4Things	WordPress	0.264967	0.0008*	0.121971	0.575605
Open Energy Monitor	WordPress	0.607916	0.0797	0.348398	1.060746
JetRacer	WordPress	0.297943	<.0001*	0.171084	0.518869
eWeLink	WordPress	0.759521	0.3808	0.410572	1.405046
BookInfo	WordPress	0.078729	<.0001*	0.042258	0.146676

**Odds Ratios for version**

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald)	
				Lower	Upper
v3	v1	5.401604	<.0001*	3.609226	8.084096
v2	v1	1.427063	0.0744	0.965555	2.109157
v1	v2	0.70074	0.0744	0.474123	1.035673
v3	v2	3.785121	<.0001*	2.550417	5.617567
v2	v3	0.264192	<.0001*	0.178013	0.392093
v1	v3	0.18513	<.0001*	0.1237	0.277068

**Odds Ratios for rag**

Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald)	
				Lower	Upper
1	0	1.762774	0.0028*	1.215526	2.556401
0	1	0.567288	0.0028*	0.391175	0.822689

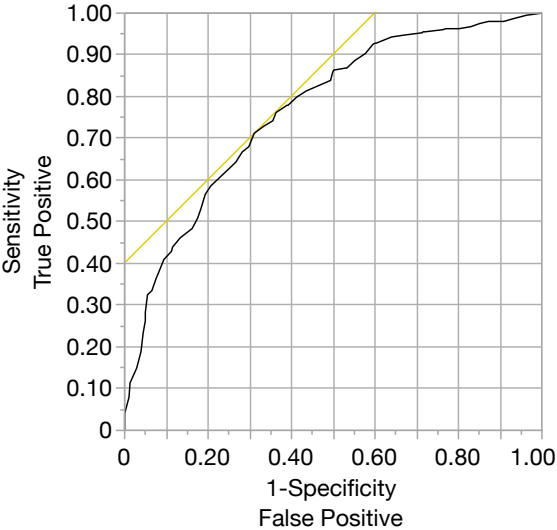
Nominal Logistic Fit for converged

Odds Ratios

Odds Ratios for summarized					
Level1	/Level2	Odds Ratio	Prob>Chisq	95% Confidence Interval (Wald)	
				Lower	Upper
1	0	1.300568	0.1038	0.94758	1.785049
0	1	0.768895	0.1038	0.560209	1.05532

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  
0.76805

Prediction Profiler

