## The SAS System

## The GENMOD Procedure

Model Information					
Data Set	WORK.GOOGLE_DROPNA				
Distribution	Poisson				
Link Function	Log				
Dependent Variable	Rating				

Number of Observations Read	9366	
Number of Observations Used	9366	

Class Level Information						
Class	Levels	Values				
Rating	39	1.33526419 0.470628434 1.163463261 1.224069506 1.253048642 1.547775252 0.0009995003 0.1831545431 0.3371862674 0.4061315527 0.5312163134 0.5883420662 0.6423800635 0.6936470556 0.7424134219 0.7889118025 0.8333438111 0.8758853172 0.9166906519 0.9558959865				
Free	2	01				

Criteria For Assessing Goodness Of Fit							
Criterion	DF	Value	Value/DF				
Deviance	9362	169.2599	0.0181				
Scaled Deviance	9362	169.2599	0.0181				
Pearson Chi-Square	9362	135.5239	0.0145				
Scaled Pearson X2	9362	135.5239	0.0145				
Log Likelihood		-8615.8407					
Full Log Likelihood		-10853.2992					
AIC (smaller is better)		21714.5983					
AICC (smaller is better)		21714.6026					
BIC (smaller is better)		21743.1777					

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates										
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq		
Intercept		1	0.3985	0.0438	0.3125	0.4844	82.63	<.0001		
Installs		1	-0.0229	0.0084	-0.0393	-0.0065	7.46	0.0063		
Reviews		1	0.0282	0.0082	0.0121	0.0442	11.86	0.0006		
Free	0	1	-0.0034	0.0369	-0.0758	0.0690	0.01	0.9259		

## The GENMOD Procedure

Analysis Of Maximum Likelihood Parameter Estimates									
Parameter		DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq	
Free	1	0	0.0000	0.0000	0.0000	0.0000			
Scale		0	1.0000	0.0000	1.0000	1.0000			

**Note:** The scale parameter was held fixed.