Record Report

1

Report for Logistic Regression Model Logistic_Regression_5

2 *Basic Summary*

3 Call:

glm(formula = Y ~ X1 + X2 + X3 + X4 + X5 + X6 + X7 + X8 + X9 + X10 + X11 + X12 + X13 + X14 + X15 + X16 + X17 + X18 + X19 + X20 + X21 + X22 + X23, family = binomial("logit"), data = the.data)

4 Deviance Residuals:

5

Min	1Q	Median	3Q	Max
-3.156	-0.700	-0.547	-0.291	3.880

6 Coefficients:

7

	Estimate	Std. Error	z value	Pr(>|z|)	
(Intercept)	-6.863e-01	1.187e-01	-5.7838	7.30e-09	***
X1	-7.623e-07	1.569e-07	-4.8587	1.18e-06	***
X2	-1.087e-01	3.069e-02	-3.5408	4e-04	***
X3	-1.016e-01	2.097e-02	-4.8444	1.26e-06	***
X4	-1.544e-01	3.170e-02	-4.8687	1.12e-06	***
X5	7.420e-03	1.779e-03	4.1703	3e-05	***
X6	5.774e-01	1.769e-02	32.6324	< 2.2e-16	***
X7	8.282e-02	2.018e-02	4.1033	4e-05	***
X8	7.214e-02	2.260e-02	3.1915	0.00142	**
X9	2.389e-02	2.500e-02	0.9555	0.33931	
X10	3.401e-02	2.688e-02	1.2655	0.20569	
X11	8.038e-03	2.213e-02	0.3632	0.71645	
X12	-5.492e-06	1.136e-06	-4.8352	1.33e-06	***
X13	2.356e-06	1.504e-06	1.5663	0.11728	
X14	1.365e-06	1.323e-06	1.0320	0.30207	
X15	-1.821e-07	1.349e-06	-0.1350	0.89261	
X16	6.155e-07	1.518e-06	0.4053	0.68525	
X17	3.938e-07	1.195e-06	0.3296	0.74169	
X18	-1.363e-05	2.305e-06	-5.9131	3.35e-09	***
X19	-9.616e-06	2.095e-06	-4.5904	4.42e-06	***
X20	-2.742e-06	1.723e-06	-1.5917	0.11146	
X21	-4.023e-06	1.785e-06	-2.2542	0.02419	*
X22	-3.311e-06	1.777e-06	-1.8635	0.06239	.
X23	-2.064e-06	1.296e-06	-1.5928	0.11121	

Significance codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial taken to be 1)

8

Null deviance: 31705 on 29999 degrees of freedom
Residual deviance: 27877 on 29976 degrees of freedom
McFadden R-Squared: 0.1207, Akaike Information Criterion 27925

9 Number of Fisher Scoring iterations: 6

10 *Type II Analysis of Deviance Tests*