

4.2 Logistic Regression



1. Logistic Regression



2. Evaluation Results

4.21 Logistic Regression

1. Logistic Regression - Full Model Except Mitosis

Risk Factor	β	Odds Ratio (95% CI)	P
Intercept	-11.35782	0.0003401131	4.04e-11
ClumpThickness	0.79749	3.3515995900	0.000148
SizeUniformity	0.07319	1.9660093664	0.811914
ShapeUniformity	0.23077	2.3540391528	0.469514
MarginalAdhesion	0.45577	2.1560072793	0.004255
SingleEpithelialCellSize	-0.28010	1.2529030088	0.277528
BareNuclei	0.51748	2.3503619857	0.002622
BlandChromatin	0.80232	3.8892789403	0.004672
NormalNucleoli	0.37820	2.0862806951	0.037958

Note—Beta (β) indicates regression coefficients

