

PREPA Ex. 5.34

Measures of Diagnostic Accuracy for the Classification Tree (Scenario 1)

	HY	BBB	A	AA
[1] Overall Accuracy	0.96	0.85	0.61	0.67
[2] Error Rate	0.04	0.15	0.39	0.33
[3] Balanced Accuracy	0.84	0.79	0.60	0.66
[4] Sensitivity	0.72	0.71	0.47	0.59
[5] Specificity	0.97	0.86	0.72	0.74
[6] Prevalence	0.02	0.06	0.46	0.46
[7] False Positive Rate	0.03	0.14	0.28	0.26
[8] False Negative Rate	0.28	0.29	0.53	0.41
[9] Positive Predictive Value	0.35	0.24	0.59	0.66
[10] Negative Predictive Value	0.99	0.98	0.62	0.68
[11] Likelihood Ratio +	22.60	5.11	1.69	2.24
[12] Likelihood Ratio -	0.29	0.33	0.74	0.55
[13] Diagnostic Odds Ratio	78.40	15.30	2.29	4.07
[14] DOR Lower 95% Conf Int.	17.73	6.15	1.53	2.70
[15] DOR Upper 95 Conf Int.	346.64	38.06	3.43	6.12