Predict 0 1

Actual

0 6496 262

1 150 6618

Overall Statistics :

95% CI (0.96664,0.97244)

ACC Macro 0.96954

ARI 0.88186

AUNP 0.96953

AUNU 0.96953

Bangdiwala B 0.94008

Bennett S 0.93908

CBA 0.96157

CSI 0.93921

Chi-Squared 11931.45041

Chi-Squared DF 1

Conditional Entropy 0.19499

Cramer V 0.93921

Cross Entropy 1.0002

F1 Macro 0.96954

F1 Micro 0.96954

FNR Macro 0.03047

FNR Micro 0.03046

FPR Macro 0.03047

FPR Micro 0.03046

Gwet AC1 0.93909

Hamming Loss 0.03046

Joint Entropy 1.19499

KL Divergence 0.0002

Kappa 0.93908

Kappa 95% CI (0.93329,0.94487)

Kappa No Prevalence 0.93908

Kappa Standard Error 0.00296

Kappa Unbiased 0.93908

Krippendorff Alpha 0.93908

Lambda A 0.93904

Lambda B 0.93801

Mutual Information 0.8048

NIR 0.50037

Overall ACC 0.96954

Overall CEN 0.18224

Overall J (1.88175,0.94088)

Overall MCC 0.93921

Overall MCEN 0.1531

Overall RACC 0.50001

Overall RACCU 0.50004

P-Value None

PPV Macro 0.96967

PPV Micro 0.96954

Pearson C 0.6846

Phi-Squared 0.88211

RCI 0.8048

RR 6763.0

Reference Entropy 1.0

Response Entropy 0.99978

SOA1(Landis & Koch) Almost Perfect

SOA2(Fleiss) Excellent

SOA3(Altman) Very Good

SOA4(Cicchetti) Excellent

SOA5(Cramer) Very Strong

SOA6(Matthews) Very Strong

Scott PI 0.93908

Standard Error 0.00148

TNR Macro 0.96953

TNR Micro 0.96954

TPR Macro 0.96953

TPR Micro 0.96954

Zero-one Loss 412

Class Statistics :

Classes 0 1

ACC(Accuracy) 0.96954 0.96954

AGF(Adjusted F-score) 0.96474 0.97438

AGM(Adjusted geometric mean) 0.97228 0.96674

AM(Difference between automatic and manual classification) -112 112

AUC(Area under the ROC curve) 0.96953 0.96953

AUCI(AUC value interpretation) Excellent Excellent

AUPR(Area under the PR curve) 0.96933 0.96988

BCD(Bray-Curtis dissimilarity) 0.00414 0.00414

BM(Informedness or bookmaker informedness) 0.93907 0.93907

CEN(Confusion entropy) 0.1835 0.181

DOR(Diagnostic odds ratio) 1093.90656 1093.90656

DP(Discriminant power) 1.67548 1.67548

DPI(Discriminant power interpretation) Limited Limited

ERR(Error rate) 0.03046 0.03046

F0.5(F0.5 score) 0.97415 0.96506

F1(F1 score - harmonic mean of precision and sensitivity) 0.96926 0.96981

F2(F2 score) 0.96443 0.97461

FDR(False discovery rate) 0.02257 0.03808

FN(False negative/miss/type 2 error) 262 150

FNR(Miss rate or false negative rate) 0.03877 0.02216

FOR(False omission rate) 0.03808 0.02257

FP(False positive/type 1 error/false alarm) 150 262

FPR(Fall-out or false positive rate) 0.02216 0.03877

G(G-measure geometric mean of precision and sensitivity) 0.9693 0.96985

GI(Gini index) 0.93907 0.93907

GM(G-mean geometric mean of specificity and sensitivity) 0.9695 0.9695

IBA(Index of balanced accuracy) 0.92432 0.95554

ICSI(Individual classification success index) 0.93866 0.93976

IS(Information score) 0.96813 0.94292

J(Jaccard index) 0.94036 0.94139

LS(Lift score) 1.95631 1.92242

MCC(Matthews correlation coefficient) 0.93921 0.93921

MCCI(Matthews correlation coefficient interpretation) Very Strong Very Strong

MCEN(Modified confusion entropy) 0.29901 0.29531

MK(Markedness) 0.93935 0.93935

N(Condition negative) 6768 6758

NLR(Negative likelihood ratio) 0.03965 0.02306

NLRI(Negative likelihood ratio interpretation) Good Good

NPV(Negative predictive value) 0.96192 0.97743

OC(Overlap coefficient) 0.97743 0.97784

OOC(Otsuka-Ochiai coefficient) 0.9693 0.96985

OP(Optimized precision) 0.96098 0.96098

P(Condition positive or support) 6758 6768

PLR(Positive likelihood ratio) 43.37075 25.22222

PLRI(Positive likelihood ratio interpretation) Good Good

POP(Population) 13526 13526

PPV(Precision or positive predictive value) 0.97743 0.96192

PRE(Prevalence) 0.49963 0.50037

Q(Yule Q - coefficient of colligation) 0.99817 0.99817

QI(Yule Q interpretation) Strong Strong

RACC(Random accuracy) 0.24549 0.25451

RACCU(Random accuracy unbiased) 0.24551 0.25453

TN(True negative/correct rejection) 6618 6496

TNR(Specificity or true negative rate) 0.97784 0.96123

TON(Test outcome negative) 6880 6646

TOP(Test outcome positive) 6646 6880

TP(True positive/hit) 6496 6618

TPR(Sensitivity, recall, hit rate, or true positive rate) 0.96123 0.97784

Y(Youden index) 0.93907 0.93907

dInd(Distance index) 0.04466 0.04466

sInd(Similarity index) 0.96842 0.96842

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