Predict 0 1

Actual

0 5066 1692

1 680 6088

Overall Statistics :

95% CI (0.81823,0.83104)

ACC Macro 0.82463

ARI 0.42151

AUNP 0.82458

AUNU 0.82458

Bangdiwala B 0.68565

Bennett S 0.64927

CBA 0.76607

CSI 0.65667

Chi-Squared 5831.7988

Chi-Squared DF 1

Conditional Entropy 0.64105

Cramer V 0.65662

Cross Entropy 1.01634

F1 Macro 0.82363

F1 Micro 0.82463

FNR Macro 0.17542

FNR Micro 0.17537

FPR Macro 0.17542

FPR Micro 0.17537

Gwet AC1 0.65126

Hamming Loss 0.17537

Joint Entropy 1.64105

KL Divergence 0.01634

Kappa 0.64923

Kappa 95% CI (0.63641,0.66205)

Kappa No Prevalence 0.64927

Kappa Standard Error 0.00654

Kappa Unbiased 0.64725

Krippendorff Alpha 0.64727

Lambda A 0.64901

Lambda B 0.58719

Mutual Information 0.34257

NIR 0.50037

Overall ACC 0.82463

Overall CEN 0.5913

Overall J (1.40072,0.70036)

Overall MCC 0.65662

Overall MCEN 0.45702

Overall RACC 0.50006

Overall RACCU 0.50285

P-Value None

PPV Macro 0.83209

PPV Micro 0.82463

Pearson C 0.54887

Phi-Squared 0.43115

RCI 0.34257

RR 6763.0

Reference Entropy 1.0

Response Entropy 0.98363

SOA1(Landis & Koch) Substantial

SOA2(Fleiss) Intermediate to Good

SOA3(Altman) Good

SOA4(Cicchetti) Good

SOA5(Cramer) Strong

SOA6(Matthews) Moderate

Scott PI 0.64725

Standard Error 0.00327

TNR Macro 0.82458

TNR Micro 0.82463

TPR Macro 0.82458

TPR Micro 0.82463

Zero-one Loss 2372

Class Statistics :

Classes 0 1

ACC(Accuracy) 0.82463 0.82463

AGF(Adjusted F-score) 0.78795 0.86246

AGM(Adjusted geometric mean) 0.8473 0.79733

AM(Difference between automatic and manual classification) -1012 1012

AUC(Area under the ROC curve) 0.82458 0.82458

AUCI(AUC value interpretation) Very Good Very Good

AUPR(Area under the PR curve) 0.81564 0.84102

BCD(Bray-Curtis dissimilarity) 0.03741 0.03741

BM(Informedness or bookmaker informedness) 0.64916 0.64916

CEN(Confusion entropy) 0.61891 0.56757

DOR(Diagnostic odds ratio) 26.80591 26.80591

DP(Discriminant power) 0.78742 0.78742

DPI(Discriminant power interpretation) Poor Poor

ERR(Error rate) 0.17537 0.17537

F0.5(F0.5 score) 0.85166 0.80342

F1(F1 score - harmonic mean of precision and sensitivity) 0.8103 0.83695

F2(F2 score) 0.77277 0.87341

FDR(False discovery rate) 0.11834 0.21748

FN(False negative/miss/type 2 error) 1692 680

FNR(Miss rate or false negative rate) 0.25037 0.10047

FOR(False omission rate) 0.21748 0.11834

FP(False positive/type 1 error/false alarm) 680 1692

FPR(Fall-out or false positive rate) 0.10047 0.25037

G(G-measure geometric mean of precision and sensitivity) 0.81297 0.83899

GI(Gini index) 0.64916 0.64916

GM(G-mean geometric mean of specificity and sensitivity) 0.82117 0.82117

IBA(Index of balanced accuracy) 0.57324 0.77539

ICSI(Individual classification success index) 0.63129 0.68205

IS(Information score) 0.81936 0.64513

J(Jaccard index) 0.6811 0.71962

LS(Lift score) 1.76462 1.56388

MCC(Matthews correlation coefficient) 0.65662 0.65662

MCCI(Matthews correlation coefficient interpretation) Moderate Moderate

MCEN(Modified confusion entropy) 0.80147 0.75673

MK(Markedness) 0.66418 0.66418

N(Condition negative) 6768 6758

NLR(Negative likelihood ratio) 0.27834 0.13403

NLRI(Negative likelihood ratio interpretation) Poor Fair

NPV(Negative predictive value) 0.78252 0.88166

OC(Overlap coefficient) 0.88166 0.89953

OOC(Otsuka-Ochiai coefficient) 0.81297 0.83899

OP(Optimized precision) 0.73374 0.73374

P(Condition positive or support) 6758 6768

PLR(Positive likelihood ratio) 7.46102 3.59279

PLRI(Positive likelihood ratio interpretation) Fair Poor

POP(Population) 13526 13526

PPV(Precision or positive predictive value) 0.88166 0.78252

PRE(Prevalence) 0.49963 0.50037

Q(Yule Q - coefficient of colligation) 0.92807 0.92807

QI(Yule Q interpretation) Strong Strong

RACC(Random accuracy) 0.21225 0.28781

RACCU(Random accuracy unbiased) 0.21365 0.28921

TN(True negative/correct rejection) 6088 5066

TNR(Specificity or true negative rate) 0.89953 0.74963

TON(Test outcome negative) 7780 5746

TOP(Test outcome positive) 5746 7780

TP(True positive/hit) 5066 6088

TPR(Sensitivity, recall, hit rate, or true positive rate) 0.74963 0.89953

Y(Youden index) 0.64916 0.64916

dInd(Distance index) 0.26978 0.26978

sInd(Similarity index) 0.80924 0.80924