Predict 0 1

Actual

0 4268 2490

1 832 5936

Overall Statistics :

95% CI (0.74714,0.76165)

ACC Macro 0.7544

ARI 0.25882

AUNP 0.75431

AUNU 0.75431

Bangdiwala B 0.58422

Bennett S 0.5088

CBA 0.66802

CSI 0.52498

Chi-Squared 3724.23373

Chi-Squared DF 1

Conditional Entropy 0.74345

Cramer V 0.52473

Cross Entropy 1.04472

F1 Macro 0.75061

F1 Micro 0.7544

FNR Macro 0.24569

FNR Micro 0.2456

FPR Macro 0.24569

FPR Micro 0.2456

Gwet AC1 0.51616

Hamming Loss 0.2456

Joint Entropy 1.74345

KL Divergence 0.04472

Kappa 0.50871

Kappa 95% CI (0.4942,0.52322)

Kappa No Prevalence 0.5088

Kappa Standard Error 0.0074

Kappa Unbiased 0.50121

Krippendorff Alpha 0.50123

Lambda A 0.50843

Lambda B 0.34863

Mutual Information 0.21248

NIR 0.50037

Overall ACC 0.7544

Overall CEN 0.6942

Overall J (1.20349,0.60175)

Overall MCC 0.52473

Overall MCEN 0.52739

Overall RACC 0.50009

Overall RACCU 0.5076

P-Value None

PPV Macro 0.77067

PPV Micro 0.7544

Pearson C 0.46464

Phi-Squared 0.27534

RCI 0.21248

RR 6763.0

Reference Entropy 1.0

Response Entropy 0.95593

SOA1(Landis & Koch) Moderate

SOA2(Fleiss) Intermediate to Good

SOA3(Altman) Moderate

SOA4(Cicchetti) Fair

SOA5(Cramer) Relatively Strong

SOA6(Matthews) Moderate

Scott PI 0.50121

Standard Error 0.0037

TNR Macro 0.75431

TNR Micro 0.7544

TPR Macro 0.75431

TPR Micro 0.7544

Zero-one Loss 3322

Class Statistics :

Classes 0 1

ACC(Accuracy) 0.7544 0.7544

AGF(Adjusted F-score) 0.69788 0.81055

AGM(Adjusted geometric mean) 0.78855 0.7067

AM(Difference between automatic and manual classification) -1658 1658

AUC(Area under the ROC curve) 0.75431 0.75431

AUCI(AUC value interpretation) Good Good

AUPR(Area under the PR curve) 0.73421 0.79078

BCD(Bray-Curtis dissimilarity) 0.06129 0.06129

BM(Informedness or bookmaker informedness) 0.50862 0.50862

CEN(Confusion entropy) 0.74176 0.65709

DOR(Diagnostic odds ratio) 12.22913 12.22913

DP(Discriminant power) 0.59951 0.59951

DPI(Discriminant power interpretation) Poor Poor

ERR(Error rate) 0.2456 0.2456

F0.5(F0.5 score) 0.78577 0.73335

F1(F1 score - harmonic mean of precision and sensitivity) 0.71985 0.78136

F2(F2 score) 0.66414 0.8361

FDR(False discovery rate) 0.16314 0.29551

FN(False negative/miss/type 2 error) 2490 832

FNR(Miss rate or false negative rate) 0.36845 0.12293

FOR(False omission rate) 0.29551 0.16314

FP(False positive/type 1 error/false alarm) 832 2490

FPR(Fall-out or false positive rate) 0.12293 0.36845

G(G-measure geometric mean of precision and sensitivity) 0.72699 0.78606

GI(Gini index) 0.50862 0.50862

GM(G-mean geometric mean of specificity and sensitivity) 0.74425 0.74425

IBA(Index of balanced accuracy) 0.41791 0.68991

ICSI(Individual classification success index) 0.46841 0.58155

IS(Information score) 0.74413 0.49358

J(Jaccard index) 0.56232 0.64118

LS(Lift score) 1.67496 1.40793

MCC(Matthews correlation coefficient) 0.52473 0.52473

MCCI(Matthews correlation coefficient interpretation) Moderate Moderate

MCEN(Modified confusion entropy) 0.87713 0.82194

MK(Markedness) 0.54135 0.54135

N(Condition negative) 6768 6758

NLR(Negative likelihood ratio) 0.4201 0.19465

NLRI(Negative likelihood ratio interpretation) Poor Fair

NPV(Negative predictive value) 0.70449 0.83686

OC(Overlap coefficient) 0.83686 0.87707

OOC(Otsuka-Ochiai coefficient) 0.72699 0.78606

OP(Optimized precision) 0.59165 0.59165

P(Condition positive or support) 6758 6768

PLR(Positive likelihood ratio) 5.1374 2.38041

PLRI(Positive likelihood ratio interpretation) Fair Poor

POP(Population) 13526 13526

PPV(Precision or positive predictive value) 0.83686 0.70449

PRE(Prevalence) 0.49963 0.50037

Q(Yule Q - coefficient of colligation) 0.84882 0.84882

QI(Yule Q interpretation) Strong Strong

RACC(Random accuracy) 0.18839 0.3117

RACCU(Random accuracy unbiased) 0.19214 0.31546

TN(True negative/correct rejection) 5936 4268

TNR(Specificity or true negative rate) 0.87707 0.63155

TON(Test outcome negative) 8426 5100

TOP(Test outcome positive) 5100 8426

TP(True positive/hit) 4268 5936

TPR(Sensitivity, recall, hit rate, or true positive rate) 0.63155 0.87707

Y(Youden index) 0.50862 0.50862

dInd(Distance index) 0.38842 0.38842

sInd(Similarity index) 0.72535 0.72535