Predict 0 1

Actual

0 4628 2130

1 1172 5596

Overall Statistics :

95% CI (0.74864,0.76312)

ACC Macro 0.75588

ARI 0.26184

AUNP 0.75583

AUNU 0.75583

Bangdiwala B 0.57641

Bennett S 0.51176

CBA 0.70456

CSI 0.51694

Chi-Squared 3614.19371

Chi-Squared DF 1

Conditional Entropy 0.7819

Cramer V 0.51692

Cross Entropy 1.01462

F1 Macro 0.75462

F1 Micro 0.75588

FNR Macro 0.24417

FNR Micro 0.24412

FPR Macro 0.24417

FPR Micro 0.24412

Gwet AC1 0.51424

Hamming Loss 0.24412

Joint Entropy 1.7819

KL Divergence 0.01462

Kappa 0.5117

Kappa 95% CI (0.49722,0.52618)

Kappa No Prevalence 0.51176

Kappa Standard Error 0.00739

Kappa Unbiased 0.50924

Krippendorff Alpha 0.50926

Lambda A 0.51139

Lambda B 0.43069

Mutual Information 0.20343

NIR 0.50037

Overall ACC 0.75588

Overall CEN 0.7248

Overall J (1.21251,0.60626)

Overall MCC 0.51692

Overall MCEN 0.55793

Overall RACC 0.50005

Overall RACCU 0.50256

P-Value None

PPV Macro 0.76112

PPV Micro 0.75588

Pearson C 0.4592

Phi-Squared 0.2672

RCI 0.20343

RR 6763.0

Reference Entropy 1.0

Response Entropy 0.98532

SOA1(Landis & Koch) Moderate

SOA2(Fleiss) Intermediate to Good

SOA3(Altman) Moderate

SOA4(Cicchetti) Fair

SOA5(Cramer) Relatively Strong

SOA6(Matthews) Moderate

Scott PI 0.50924

Standard Error 0.00369

TNR Macro 0.75583

TNR Micro 0.75588

TPR Macro 0.75583

TPR Micro 0.75588

Zero-one Loss 3302

Class Statistics :

Classes 0 1

ACC(Accuracy) 0.75588 0.75588

AGF(Adjusted F-score) 0.72351 0.78808

AGM(Adjusted geometric mean) 0.77728 0.72994

AM(Difference between automatic and manual classification) -958 958

AUC(Area under the ROC curve) 0.75583 0.75583

AUCI(AUC value interpretation) Good Good

AUPR(Area under the PR curve) 0.74137 0.77557

BCD(Bray-Curtis dissimilarity) 0.03541 0.03541

BM(Informedness or bookmaker informedness) 0.51165 0.51165

CEN(Confusion entropy) 0.75348 0.69996

DOR(Diagnostic odds ratio) 10.37442 10.37442

DP(Discriminant power) 0.56013 0.56013

DPI(Discriminant power interpretation) Poor Poor

ERR(Error rate) 0.24412 0.24412

F0.5(F0.5 score) 0.77241 0.74273

F1(F1 score - harmonic mean of precision and sensitivity) 0.73706 0.77218

F2(F2 score) 0.7048 0.80407

FDR(False discovery rate) 0.20207 0.27569

FN(False negative/miss/type 2 error) 2130 1172

FNR(Miss rate or false negative rate) 0.31518 0.17317

FOR(False omission rate) 0.27569 0.20207

FP(False positive/type 1 error/false alarm) 1172 2130

FPR(Fall-out or false positive rate) 0.17317 0.31518

G(G-measure geometric mean of precision and sensitivity) 0.73921 0.77387

GI(Gini index) 0.51165 0.51165

GM(G-mean geometric mean of specificity and sensitivity) 0.75248 0.75248

IBA(Index of balanced accuracy) 0.48582 0.64664

ICSI(Individual classification success index) 0.48275 0.55114

IS(Information score) 0.6754 0.53361

J(Jaccard index) 0.58361 0.62891

LS(Lift score) 1.59704 1.44754

MCC(Matthews correlation coefficient) 0.51692 0.51692

MCCI(Matthews correlation coefficient interpretation) Moderate Moderate

MCEN(Modified confusion entropy) 0.91706 0.87895

MK(Markedness) 0.52224 0.52224

N(Condition negative) 6768 6758

NLR(Negative likelihood ratio) 0.38119 0.25287

NLRI(Negative likelihood ratio interpretation) Poor Poor

NPV(Negative predictive value) 0.72431 0.79793

OC(Overlap coefficient) 0.79793 0.82683

OOC(Otsuka-Ochiai coefficient) 0.73921 0.77387

OP(Optimized precision) 0.66193 0.66193

P(Condition positive or support) 6758 6768

PLR(Positive likelihood ratio) 3.95465 2.62335

PLRI(Positive likelihood ratio interpretation) Poor Poor

POP(Population) 13526 13526

PPV(Precision or positive predictive value) 0.79793 0.72431

PRE(Prevalence) 0.49963 0.50037

Q(Yule Q - coefficient of colligation) 0.82417 0.82417

QI(Yule Q interpretation) Strong Strong

RACC(Random accuracy) 0.21424 0.28581

RACCU(Random accuracy unbiased) 0.2155 0.28706

TN(True negative/correct rejection) 5596 4628

TNR(Specificity or true negative rate) 0.82683 0.68482

TON(Test outcome negative) 7726 5800

TOP(Test outcome positive) 5800 7726

TP(True positive/hit) 4628 5596

TPR(Sensitivity, recall, hit rate, or true positive rate) 0.68482 0.82683

Y(Youden index) 0.51165 0.51165

dInd(Distance index) 0.35962 0.35962

sInd(Similarity index) 0.74571 0.74571