Predict 0 1

Actual

0 5724 1034

1 645 6123

Overall Statistics :

95% CI (0.87031,0.88143)

ACC Macro 0.87587

ARI 0.56508

AUNP 0.87585

AUNU 0.87585

Bangdiwala B 0.76798

Bennett S 0.75174

CBA 0.85126

CSI 0.75297

Chi-Squared 7668.82223

Chi-Squared DF 1

Conditional Entropy 0.53555

Cramer V 0.75297

Cross Entropy 1.00239

F1 Macro 0.87576

F1 Micro 0.87587

FNR Macro 0.12415

FNR Micro 0.12413

FPR Macro 0.12415

FPR Micro 0.12413

Gwet AC1 0.75195

Hamming Loss 0.12413

Joint Entropy 1.53555

KL Divergence 0.00239

Kappa 0.75173

Kappa 95% CI (0.74061,0.76284)

Kappa No Prevalence 0.75174

Kappa Standard Error 0.00567

Kappa Unbiased 0.75152

Krippendorff Alpha 0.75153

Lambda A 0.75155

Lambda B 0.73638

Mutual Information 0.462

NIR 0.50037

Overall ACC 0.87587

Overall CEN 0.49285

Overall J (1.558,0.779)

Overall MCC 0.75297

Overall MCEN 0.38969

Overall RACC 0.50002

Overall RACCU 0.50044

P-Value None

PPV Macro 0.87713

PPV Micro 0.87587

Pearson C 0.60152

Phi-Squared 0.56697

RCI 0.462

RR 6763.0

Reference Entropy 1.0

Response Entropy 0.99755

SOA1(Landis & Koch) Substantial

SOA2(Fleiss) Excellent

SOA3(Altman) Good

SOA4(Cicchetti) Excellent

SOA5(Cramer) Strong

SOA6(Matthews) Strong

Scott PI 0.75152

Standard Error 0.00284

TNR Macro 0.87585

TNR Micro 0.87587

TPR Macro 0.87585

TPR Micro 0.87587

Zero-one Loss 1679

Class Statistics :

Classes 0 1

ACC(Accuracy) 0.87587 0.87587

AGF(Adjusted F-score) 0.86088 0.89114

AGM(Adjusted geometric mean) 0.88515 0.86592

AM(Difference between automatic and manual classification) -389 389

AUC(Area under the ROC curve) 0.87585 0.87585

AUCI(AUC value interpretation) Very Good Very Good

AUPR(Area under the PR curve) 0.87286 0.88011

BCD(Bray-Curtis dissimilarity) 0.01438 0.01438

BM(Informedness or bookmaker informedness) 0.75169 0.75169

CEN(Confusion entropy) 0.50238 0.48386

DOR(Diagnostic odds ratio) 52.55132 52.55132

DP(Discriminant power) 0.94861 0.94861

DPI(Discriminant power interpretation) Poor Poor

ERR(Error rate) 0.12413 0.12413

F0.5(F0.5 score) 0.88788 0.86493

F1(F1 score - harmonic mean of precision and sensitivity) 0.8721 0.87943

F2(F2 score) 0.85686 0.89442

FDR(False discovery rate) 0.10127 0.14447

FN(False negative/miss/type 2 error) 1034 645

FNR(Miss rate or false negative rate) 0.153 0.0953

FOR(False omission rate) 0.14447 0.10127

FP(False positive/type 1 error/false alarm) 645 1034

FPR(Fall-out or false positive rate) 0.0953 0.153

G(G-measure geometric mean of precision and sensitivity) 0.87248 0.87977

GI(Gini index) 0.75169 0.75169

GM(G-mean geometric mean of specificity and sensitivity) 0.87537 0.87537

IBA(Index of balanced accuracy) 0.72206 0.81049

ICSI(Individual classification success index) 0.74572 0.76022

IS(Information score) 0.84702 0.77382

J(Jaccard index) 0.7732 0.7848

LS(Lift score) 1.79879 1.70979

MCC(Matthews correlation coefficient) 0.75297 0.75297

MCCI(Matthews correlation coefficient interpretation) Strong Strong

MCEN(Modified confusion entropy) 0.7034 0.68373

MK(Markedness) 0.75425 0.75425

N(Condition negative) 6768 6758

NLR(Negative likelihood ratio) 0.16912 0.11252

NLRI(Negative likelihood ratio interpretation) Fair Fair

NPV(Negative predictive value) 0.85553 0.89873

OC(Overlap coefficient) 0.89873 0.9047

OOC(Otsuka-Ochiai coefficient) 0.87248 0.87977

OP(Optimized precision) 0.84293 0.84293

P(Condition positive or support) 6758 6768

PLR(Positive likelihood ratio) 8.88755 5.91291

PLRI(Positive likelihood ratio interpretation) Fair Fair

POP(Population) 13526 13526

PPV(Precision or positive predictive value) 0.89873 0.85553

PRE(Prevalence) 0.49963 0.50037

Q(Yule Q - coefficient of colligation) 0.96265 0.96265

QI(Yule Q interpretation) Strong Strong

RACC(Random accuracy) 0.23526 0.26476

RACCU(Random accuracy unbiased) 0.23547 0.26497

TN(True negative/correct rejection) 6123 5724

TNR(Specificity or true negative rate) 0.9047 0.847

TON(Test outcome negative) 7157 6369

TOP(Test outcome positive) 6369 7157

TP(True positive/hit) 5724 6123

TPR(Sensitivity, recall, hit rate, or true positive rate) 0.847 0.9047

Y(Youden index) 0.75169 0.75169

dInd(Distance index) 0.18026 0.18026

sInd(Similarity index) 0.87254 0.87254