# Validation Dataset

### ACS (STEMI & NSTEMI)

| | threshold | auc | acc | sensitivity | specificity | ppv | npv | mcnemar p-value | chisquare | calib p-value | brier | logloss |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ACS_Raw | 0.797 | 0.920813269127874 | 0.945619335347432 | 0.972712680577849 | 0.512820512820513 | 0.9696 | 0.54054054054054 | 0.867632334778193 | 330.771623722221 | 0 | 0.139069250755287 | 0.433887698558795 |
| ACS_Calibrated | 0.377 | 0.920813269127874 | 0.945619335347432 | 0.972712680577849 | 0.512820512820513 | 0.9696 | 0.54054054054054 | 0.867632334778193 | 8.48507656396771 | 0.387574822705731 | 0.0417569880758899 | 0.14886723495668 |

### STEMI

| | threshold | auc | acc | sensitivity | specificity | ppv | npv | mcnemar p-value | chisquare | calib p-value | brier | logloss |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STEMI_Raw | 0.791 | 0.905733361593895 | 0.931506849315068 | 0.958456973293769 | 0.607142857142857 | 0.967065868263473 | 0.548387096774194 | 0.689156516779352 | 195.306125535528 | 0 | 0.154578057534247 | 0.473284203199497 |
| STEMI_Calibrated | 0.382 | 0.905733361593895 | 0.931506849315068 | 0.958456973293769 | 0.607142857142857 | 0.967065868263473 | 0.548387096774194 | 0.689156516779352 | 10.4148873217749 | 0.237104705479458 | 0.0529864508131737 | 0.186025263398235 |

### NSTEMI

| | threshold | auc | acc | sensitivity | specificity | ppv | npv | mcnemar p-value | chisquare | calib p-value | brier | logloss |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NSTEMI_Raw | 0.828 | 0.948347107438017 | 0.96969696969697 | 0.986013986013986 | 0.545454545454545 | 0.982578397212543 | 0.600000000000001 | 1 | 152.803073696499 | 0 | 0.132588434343434 | 0.4170398599915 |
| NSTEMI_Calibrated | 0.539 | 0.948347107438017 | 0.96969696969697 | 0.986013986013986 | 0.545454545454545 | 0.982578397212543 | 0.600000000000001 | 1 | 9.99609023815991 | 0.265300436844378 | 0.0307481224989084 | 0.113863811320537 |

# Testing Dataset

### ACS, STEMI, NSTEMI

| | threshold | auc | acc | sensitivity | specificity | ppv | npv | mcnemar p-value | chisquare | calib p-value | brier | logloss |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ACS_Raw_Test | 0.795 | 0.90592637540453 | 0.928733031674208 | 0.962378640776699 | 0.466666666666667 | 0.961212121212121 | 0.47457627118644 | 1 | 403.712465534869 | 0 | 0.135375679864253 | 0.422272579783646 |
| ACS_Calibrated_Test | 0.374 | 0.90592637540453 | 0.928733031674208 | 0.962378640776699 | 0.466666666666667 | 0.961212121212121 | 0.47457627118644 | 1 | 6.74672525491023 | 0.564189396596572 | 0.0485223154365064 | 0.168110777588843 |
| STEMI_Raw_Test | 0.583 | 0.874421052631581 | 0.848543689320388 | 0.856842105263158 | 0.75 | 0.976019184652278 | 0.306122448979592 | 1.08950846556959E-10 | 269.615119426053 | 0 | 0.155924842718447 | 0.476617709788164 |
| STEMI_Calibrated_Test | 0.16 | 0.874421052631581 | 0.848543689320388 | 0.856842105263158 | 0.75 | 0.976019184652278 | 0.306122448979592 | 1.08950846556959E-10 | 6.67113983877224 | 0.572493528848772 | 0.0595398717388936 | 0.204302175670797 |
| NSTEMI_Raw_Test | 0.793 | 0.952936962750717 | 0.962059620596206 | 0.98567335243553 | 0.55 | 0.974504249291785 | 0.6875 | 0.422678074170635 | 134.940459064375 | 0 | 0.106695953929539 | 0.346425040617449 |
| NSTEMI_Calibrated_Test | 0.473 | 0.952936962750717 | 0.962059620596206 | 0.98567335243553 | 0.55 | 0.974504249291785 | 0.6875 | 0.422678074170635 | 4.50833058534901 | 0.808599080536892 | 0.0339161313337111 | 0.119150172063587 |