# SGD:

# Train stats

# Accuracy:

# 0.895375

# F1 score:

# 0.7428571428571428

# precision recall f1-score support

# IDC(-) 0.87 0.96 0.91 1473

# IDC(+) 0.83 0.58 0.69 527

# avg / total 0.86 0.86 0.85 2000

# Test stats

# Accuracy:

# 0.8585

# F1 score:

# 0.6852057842046718

# Adam

Train stats

Accuracy:

0.905125

F1 score:

0.7525268992500816

precision recall f1-score support

IDC(-) 0.86 0.97 0.91 1473

IDC(+) 0.88 0.54 0.67 527

avg / total 0.86 0.86 0.85 2000

Test stats

Accuracy:

0.8595

F1 score:

0.6705744431418523

# AdaGrad

Train stats

Accuracy:

0.886875

F1 score:

0.7454289732770746

precision recall f1-score support

IDC(-) 0.89 0.94 0.91 1473

IDC(+) 0.79 0.68 0.73 527

avg / total 0.86 0.87 0.86 2000

Test stats

Accuracy:

0.868

F1 score:

0.7295081967213116

# RMSProp

Train stats

Accuracy:

0.898

F1 score:

0.737620578778135

precision recall f1-score support

IDC(-) 0.86 0.96 0.91 1473

IDC(+) 0.85 0.56 0.68 527

avg / total 0.86 0.86 0.85 2000

Test stats

Accuracy:

0.858

F1 score:

0.6765375854214123