

### Results for Claim 1:

Models	Obt. Accuracy	Rept. Accuracy
MLP	38.00	58.44
SVM	43.00	46.91
RF	26.00	46.91
DT	27.00	46.91
DNN-MLP	72.00	75.17

Table 1: Comparison of deep learning and machine learning techniques accuracies(%) for imbalanced dataset

### Results for Claim 2:

Models	Obt. Accuracy	Rept. Accuracy
MLP	58.84	58.53
SVM	65.84	49.82
RF	69.54	64.06
DT	66.67	49.82
DNN-MLP	53.29	55.87

Table 2: Comparison of deep learning and machine learning techniques accuracies(%) for balanced dataset

### Results for Ablation Study:

Removed Layer	Accuracy
1st	40.65
2nd	45.60
3rd	37.08

Table 3: The accuracies(%) of the DNN-MLP with certain hidden layers removed with the balanced dataset

### Results for Additional Experiment:

Dataset	Accuracy	ROC AUC
Imbalanced	33.33	77.24
Balanced	45.05	86.62

Table 4: The accuracy(%) and ROC AUC(%) for both the datasets using our custom DNN model.