Table 1: Statistical Scores for the models generated (Figure 1)

	Precision	Recall	F1 Score
Logistic Regression	0.7024	0.6144	0.6537
Neural Network	0.6900	0.6114	0.6484

Table 2: P-value (confidence intervals) for each variable in the logistic regression model(Figure

2)

Variable	P-value
Statin	0.133
Pulmonary Edema	0.003
Raised Cardiothoracic Ratio	0.106
Hypercholesterolemia	0.514
Heart Rate	0.071
Hypertension	0.180
Pleural Effusion	0.603
Diastolic Blood Pressure	0.596
Pro-BNP	0.969
RV Dysfunction TAPSE (%)	0.694
TRJV	0.218
Diastolic Dysfunction	0.192
RVEF	0.929
Chronic Kidney Disease	0.350
Age	0.891
Creatinine	0.458
BUN	0.070
ACEi or ARB	0.006

MRA	0.001
Sinus Rhythm	0.001
Diuretic	0.003
BMI	0.154
Gender	0.533
eGFR	0.006

Table 3: Confusion matrix of Logistic Regression

		Predicted		
		No	Yes	Total
Actual	No	283	53	336
	Yes	75	118	193
	Total	358	171	529

Commented [AA1]:

Table 4: Confusion matrix of Neural Network

		Predicted		
		No	Yes	Total
Actual	No	286	50	336
	Yes	75	118	193
	Total	361	168	529

Commented [AA2]:

Table 5: Statistical Scores for Borderline PEFF when compared to expert opinion (Figure 3)

	Precision	Recall	F1 Score
Logistic Regression	0.6757	0.5434	0.6024
Neural Network	0.6325	0.5362	0.5804

Table 6: Comparison of statistical scores for the PEFF score, Logistic Regression model, and Neural Network model (Figure 4)

	Precision	Recall	F1 Score
Logistic Regression	0.7024	0.6144	0.6537
Neural Network	0.6622	0.6057	0.6327
PEFF score	0.7619	0.5818	0.6598