Fit and error measures							
Model	Accuracy	F1	AUC	Accuracy_Creditworthy	Accuracy_Non-Creditworthy		
dt_model	0.7467	0.8304	0.7035	0.8857	0.4222		
fm_model	0.7933	0.8681	0.7368	0.9714	0.3778		
boost_model	0.7867	0.8632	0.7515	0.9619	0.3778		
lr_model	0.7600	0.8364	0.7306	0.8762	0.4889		

Model: model names in the current comparison.

Performance Diagnostic Plots

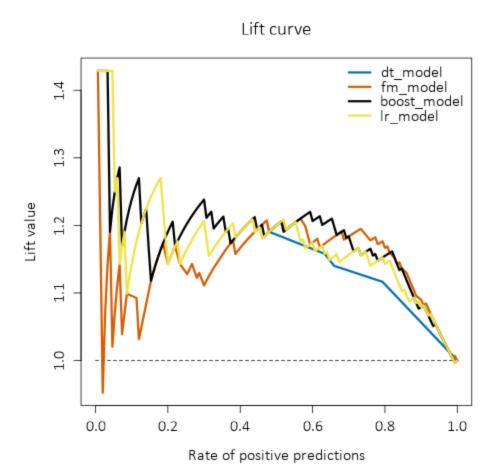
Accuracy: overall accuracy, number of correct predictions of all classes divided by total sample number.

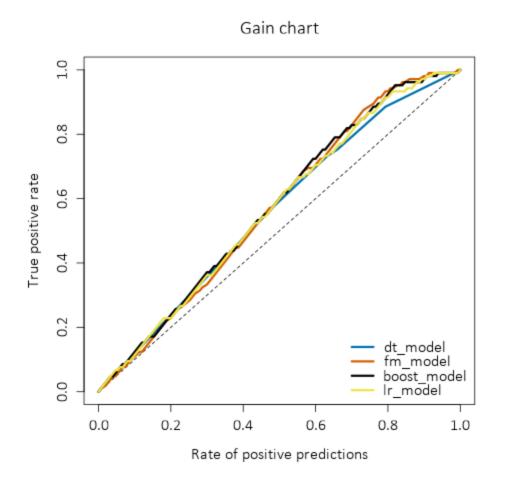
Accuracy_[class name]: accuracy of Class [class name] is defined as the number of cases that are correctly predicted to be Class [class name] divided by the total number of cases that actually belong to Class [class name], this measure is also known as recall.

AUC: area under the ROC curve, only available for two-class classification.

F1: F1 score, 2 * precision * recall / (precision + recall). The precision measure is the percentage of actual members of a class that were predicted to be in that class divided by the total number of cases predicted to be in that class. In situations where there are three or more classes, average precision and average recall values across classes are used to calculate the F1 score.

Confusion matrix of boost_model		
	Actual_Creditworthy	Actual_Non-Creditworthy
Predicted_Creditworthy	101	28
Predicted_Non-Creditworthy	4	17
Confusion matrix of dt_model		
	Actual_Creditworthy	Actual_Non-Creditworthy
Predicted_Creditworthy	93	26
Predicted_Non-Creditworthy	12	19
Confusion matrix of fm_model		
	Actual_Creditworthy	Actual_Non-Creditworthy
Predicted_Creditworthy	102	28
Predicted_Non-Creditworthy	3	17
Confusion matrix of Ir_model		
	Actual_Creditworthy	Actual_Non-Creditworthy
Predicted_Creditworthy	92	23
Predicted Non-Creditworthy	13	22





Precision and recall curve

