

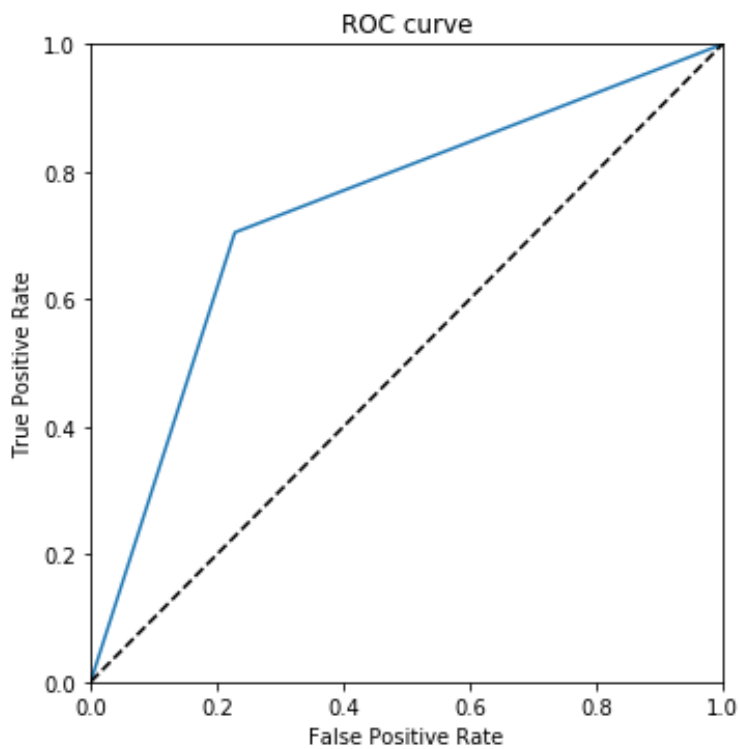
## MODELS EVALUATION

### Decision Tree

<i>Confusion Matrix</i>	<b>Benignant</b>	<b>Malignant</b>
<b>Benignant</b>	98	29
<b>Malignant</b>	36	86

<i>Target x Metrics</i>	<b>Precision</b>	<b>Recall</b>	<b>F1 score</b>
<b>Benignant</b>	0.73	0.77	0.75
<b>Malignant</b>	0.75	0.70	0.73
<b>Average</b>	0.74	0.74	0.74

### ROC Curve



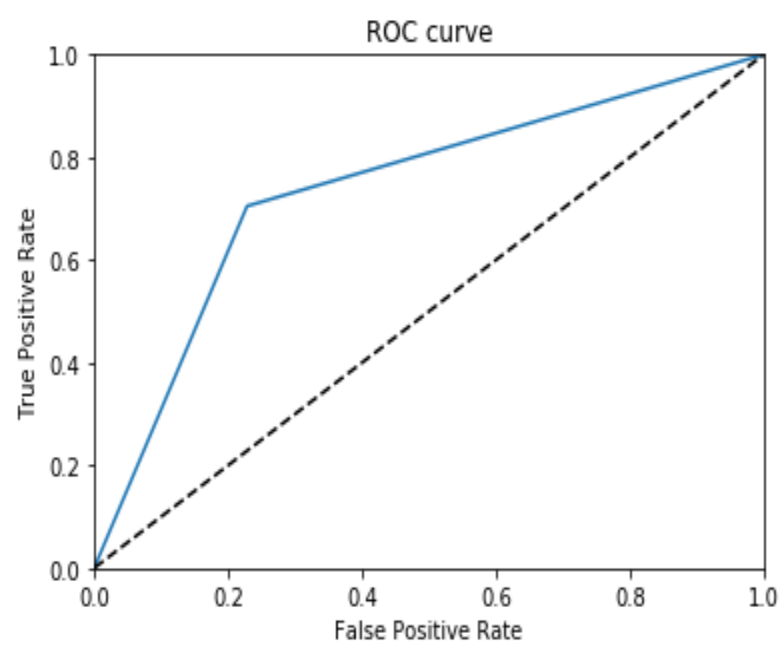
Area Under the Curve (AUC) = 0.73

# Random Forest

<i>Confusion Matrix</i>	<b>Benignant</b>	<b>Malignant</b>
<b>Benignant</b>	95	32
<b>Malignant</b>	21	101

<i>Target x Metrics</i>	<b>Precision</b>	<b>Recall</b>	<b>F1 score</b>
<b>Benignant</b>	0.82	0.75	0.78
<b>Malignant</b>	0.76	0.83	0.79
<b>Average</b>	0.79	0.79	0.79

ROC Curve



Area Under the Curve (AUC) = 0.73