

Machine Learning Applied to Hepatocellular Carcinoma

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Background of Hepatocellular Carcinoma (HCC)

Dataset Summary

Table 1: HCC Data Summary

	Overall (N=165)
gender	
female	32 (19.4%)
male	133 (80.6%)
symptom	
no	53 (36.1%)
yes	94 (63.9%)
N-Miss	18
alc	
no	43 (26.1%)
yes	122 (73.9%)
hepBsurfAnti	
no	132 (89.2%)
yes	16 (10.8%)
N-Miss	17
hepBeAnti	

Random Forest Model

Description

Estimated Performance

Calibration Plots

Variable Importance

Partial Dependence

XGBoost Model

Description

Estimated Performance

Calibration Plots

Variable Importance

Partial Dependence

Neural Network

Description

Estimated Performance

Calibration Plots

Variable Importance

Partial Dependence