

Results for research question RQ3: Is the performance obtained with multivariable classifiers superior to the performance obtained with single-variable classifiers using only age as independent variable?

Executions	Algorithm	Sensitivity		Specificity		PPV	
		null hypothesis rejected (alpha=0.05)	single-variable is superior	null hypothesis rejected (alpha=0.05)	single-variable is superior	null hypothesis rejected (alpha=0.05)	single variable is superior
HCPA ALL: multivariable vs single-variable	LR	Yes	Yes	Yes		Yes	
	AB	Yes		Yes		Yes	
	J48	Yes	Yes	Yes		No	Yes
	MLP	No	Yes	Yes		Yes	
	RF	No	Yes	Yes		Yes	
	XGB	Yes		Yes		Yes	
HCV ALL: multivariable vs single-variable	LR	No		Yes		Yes	
	AB	No	Yes	Yes		Yes	
	J48	Yes	Yes	Yes		Yes	
	MLP	Yes	Yes	Yes		Yes	
	RF	Yes	Yes	Yes		Yes	
	XGB	Yes	Yes	Yes		Yes	
HCV CTI: multivariable vs single-variable	LR	Yes	Yes	Yes		Yes	
	AB	No		No		No	
	J48	Yes	Yes	Yes		No	Yes
	MLP	Yes	Yes	Yes		Yes	
	RF	Yes		Yes		Yes	
	XGB	Yes	Yes	Yes		Yes	