Results for research question RQ1: Is it possible to identify, among patients with COVID-19, who is more likely to die from the disease?

Dataset	Algorithm	Sen	Spe	PPV	NPV	F1 +	ma-F1	Kappa	AUROC	AUPRC
HMV ALL	LR	**,84 [,72-,94]**	,87 [,84-,89]	,46 [,40-,53]	**,98 [,96-,99]**	,59 [,52-,65]	,76 [,72-,79]	,52 [,44-,59]	,92 [,89-,95]	,60 [,48-,69]
	J48	,54 [,41-,68]	,91 [,88-,94]	,46 [,38-,55]	,94 [,91-,96]	,50 [,41-,58]	,71 [,66-,76]	,42 [,33-,52]	,73 [,67-,79]	,44 [,31-,56]
	RF	,57 [,41-,73]	**,95 [,92-,97]**	**,60 [,50-,73]**	,94 [,92-,97]	,58 [,49-,66]	,76 [,71-,81]	,53 [,42-,62]	**,93 [,90-,95]**	**,61 [,50-,71]**
	AB	,78 [,62-,93]	,85 [,80-,91]	,41 [,32-,50]	,97 [,94-,99]	,54 [,45-,61]	,72 [,67-,77]	,45 [,36-,54]	,89 [,86-,92]	,52 [,40-,64]
	MLP	,62 [,46-,83]	,92 [,86-,95]	,51 [,41-,63]	,95 [,92-,97]	,56 [,45-,65]	,74 [,69-,79]	,49 [,38-,59]	,87 [,80-,92]	,57 [,47-,70]
	XGB	,72 [,60-,84]	,91 [,88-,94]	,52 [,44-,63]	,96 [,94-,98]	**,60 [,52-,68]**	**,80 [,74-,86]**	**,54 [,53-,55]**	,92 [,90-,94]	,60 [,50-,69]
HCPA CTI	LR	**,68 [,63-,72]**	,73 [,69-,77]	,60 [,56-,64]	,79 [,76-,82]	,64 [,60-,66]	,70 [,67-,72]	,39 [,34-,45]	,77 [,74-,79]	,65 [,60-,68]
	J48	,56 [,48-,62]	,70 [,65-,74]	,53 [,48-,57]	,73 [,69-,76]	,54 [,49-,58]	,63 [,60-,65]	,25 [,19-,31]	,62 [,58-,67]	,53 [,48-,59]
	RF	,62 [,57-,67]	**,77 [,74-,82]**	**,62 [,58-,68]**	,77 [,74-,80]	,62 [,59-,65]	,70 [,67-,72]	,40 [,34-,45]	,78 [,75-,81]	,66 [,62-,70]
	AB	,67 [,61-,75]	,71 [,63-,76]	,58 [,54-,62]	,78 [,75-,82]	,62 [,59-,66]	,69 [,66-,71]	,37 [,32-,42]	,76 [,74-,79]	,64 [,59-,69]
	MLP	,66 [,52-,83]	,69 [,54-,81]	,57 [,50-,63]	,78 [,72-,85]	,61 [,55-,66]	,67 [,64-,70]	,34 [,29-,41]	,75 [,71-,78]	,61 [,57-,67]
	XGB	**,68 [,63-,74]**	,74 [,70-,78]	,61 [,56-,65]	**,79 [,76-,83]**	**,64 [,60-,68]**	,70 [,68-,73]	,40 [,39-,41]	,78 [,75-,81]	,67 [,61-,71]
HMV CTI	LR	**,80 [,67-,89]**	,82 [,75-,88]	,66 [,55-,76]	**,90 [,84-,94]**	**,72 [,64-,80]**	**,79 [,73-,84]**	**,58 [,46-,68]**	**,87 [,83-,92]**	**,73 [,63-,84]**
	J48	,68 [,53-,81]	,80 [,70-,86]	,60 [,50-,71]	,84 [,77-,92]	,63 [,53-,73]	,73 [,67-,79]	,46 [,33-,59]	,73 [,62-,83]	,58 [,42-,72]
	RF	,75 [,65-,88]	**83 [,75-,90]**	**,67 [,56-,78]**	,88 [,82-,94]	,70 [,63-,79]	,78 [,73-,84]	,56 [,45-,68]	,87 [,81-,92]	,69 [,53-,81]
	AB	,77 [,59-,93]	,80 [,72-,88]	,64 [,52-,78]	,89 [,81-,96]	,70 [,59-,80]	,77 [,70-,84]	,54 [,39-,68]	,86 [,80-,91]	,69 [,53-,82]
	MLP	,70 [,53-,82]	,82 [,70-,89]	,64 [,51-,75]	,86 [,78-,92]	,66 [,55-,76]	,75 [,69-,82]	,50 [,37-,63]	,83 [,75-,89]	,69 [,59-,79]
	XGB	,73 [,61-,84]	**,83 [,76-,88]**	,66 [,53-,76]	,87 [,81-,92]	,69 [,58-,77]	,76 [,70-,83]	,54 [,53-,56]	,87 [,81-,92]	,71 [,57-,83]