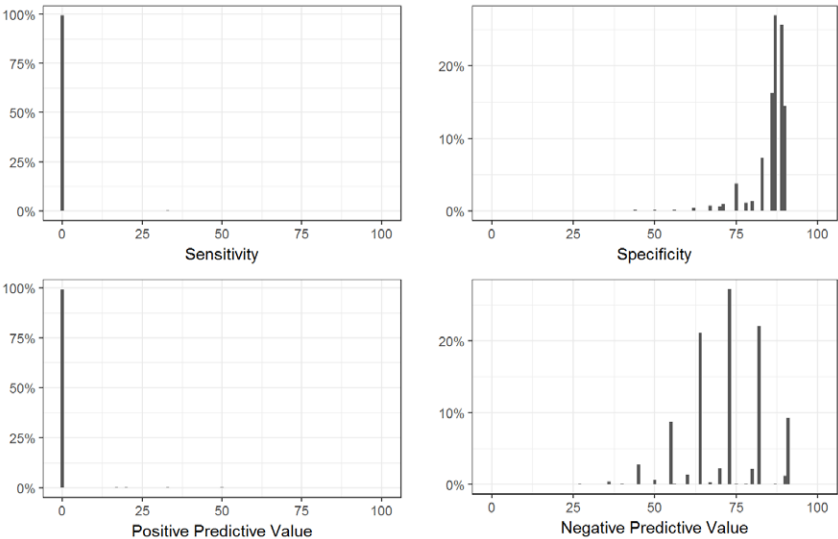
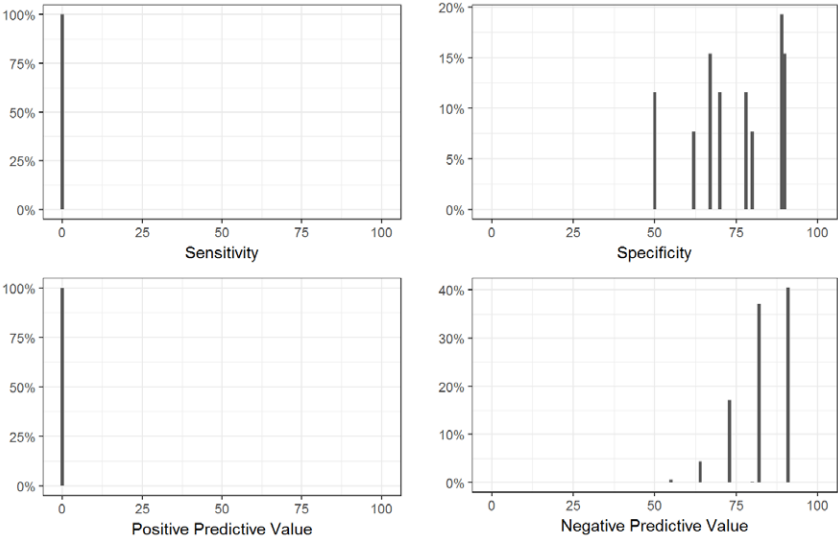


Supplemental Materials

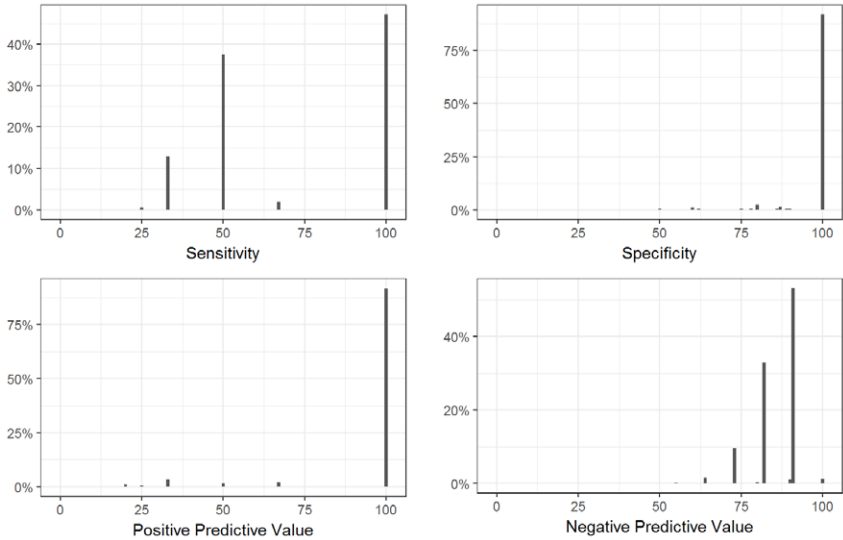
1 ACUTE KIDNEY INJURY



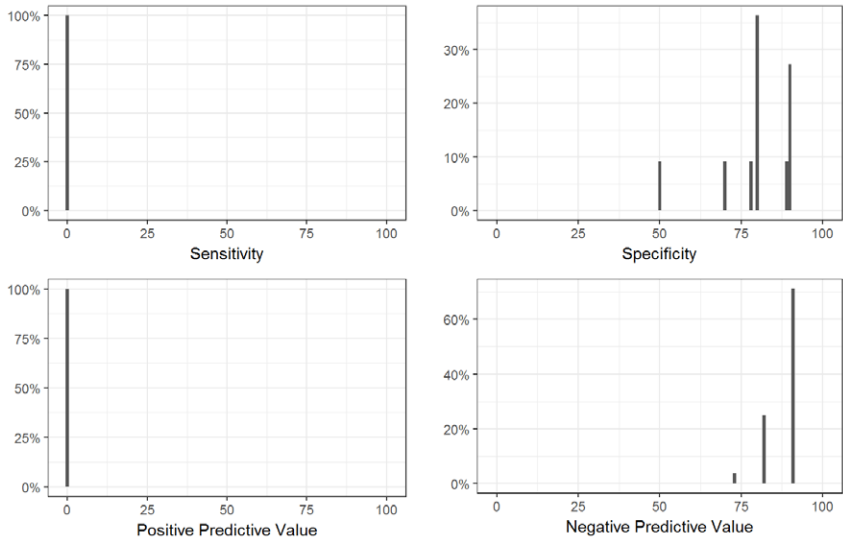
2 AGGRESSION



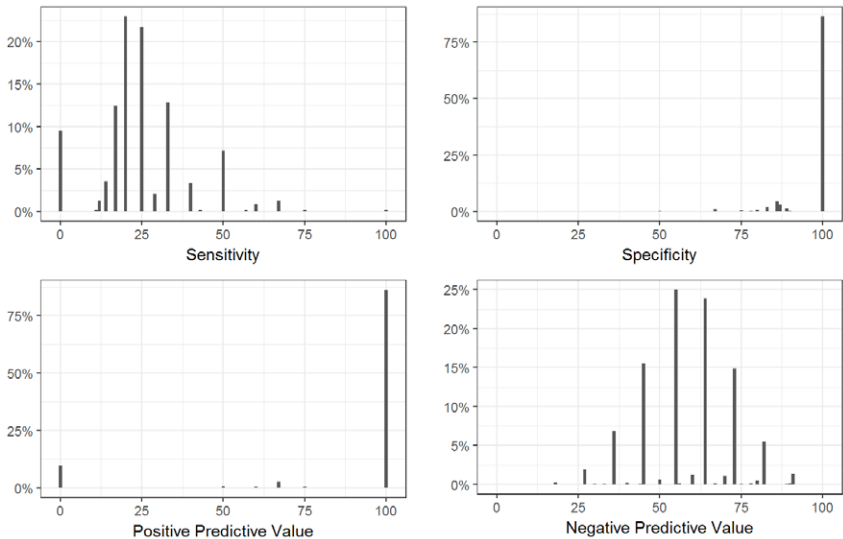
3 AGRANULOCYTOSIS



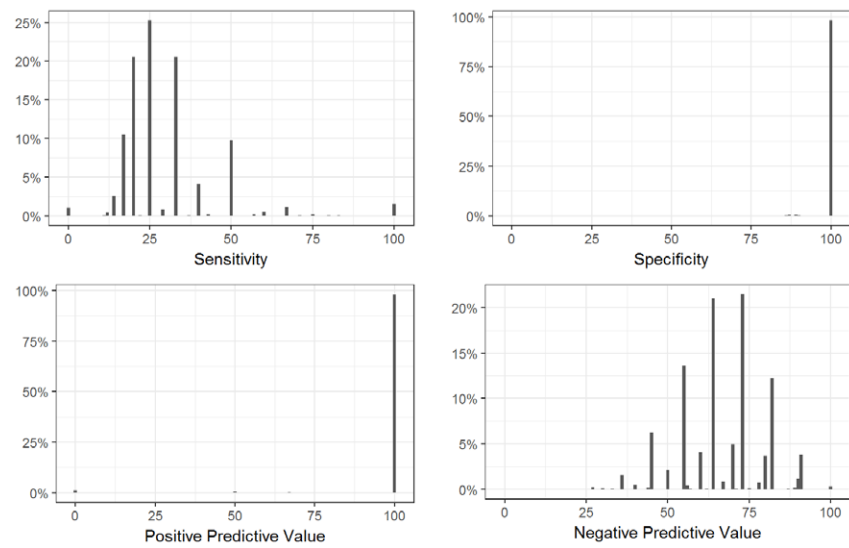
4 AMNESIA



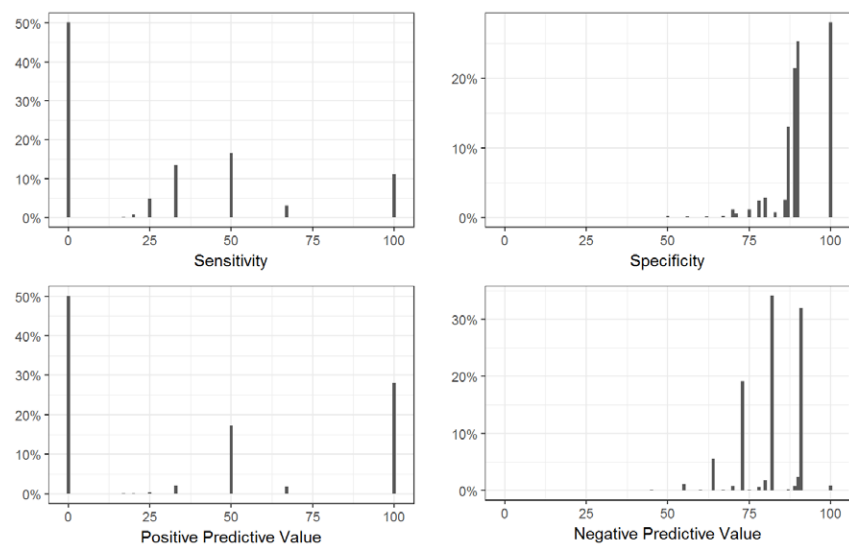
5 ANAEMIA



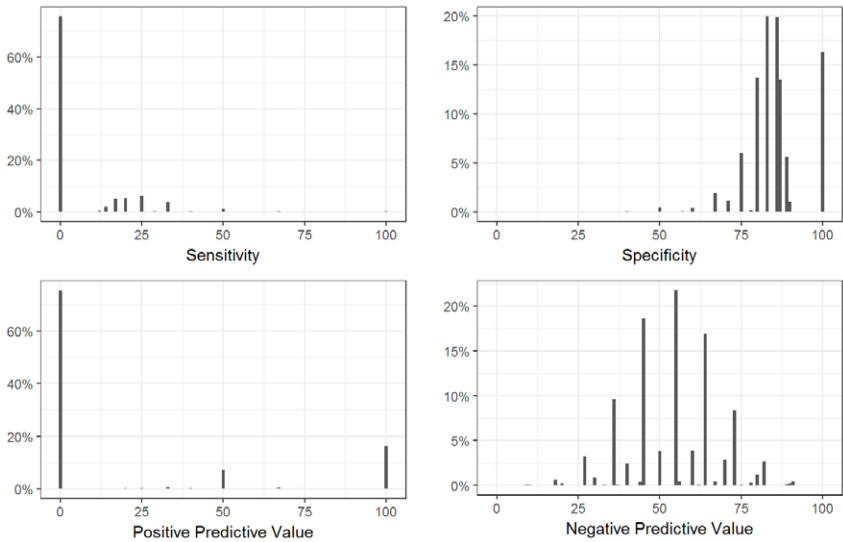
6 ANAPHYLACTIC REACTION



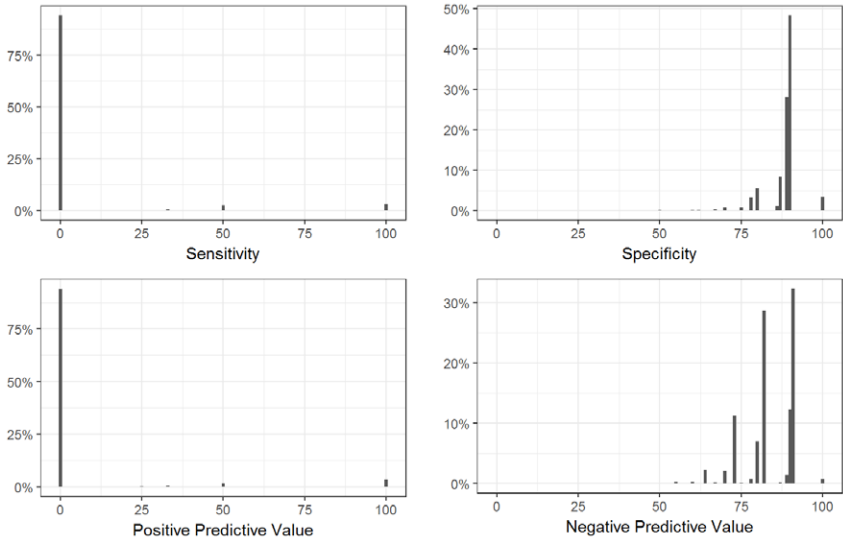
7 ANGINA PECTORIS



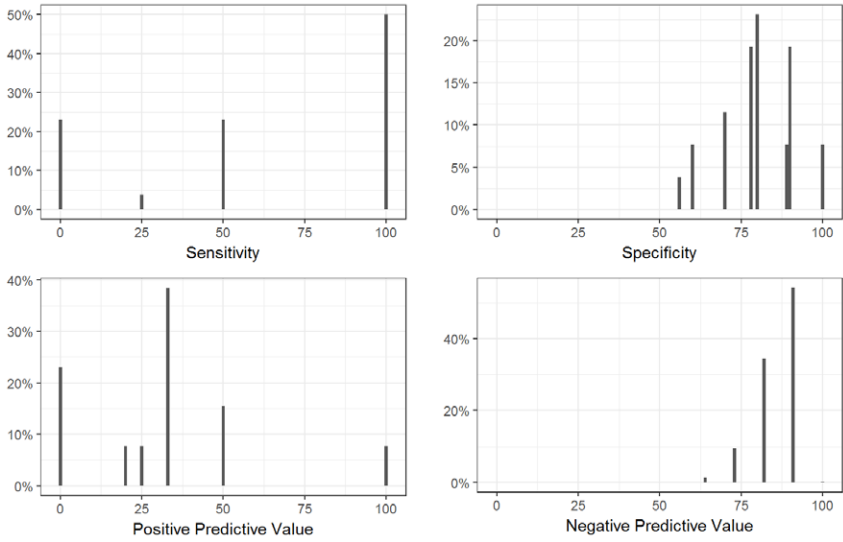
8 ANGIOEDEMA



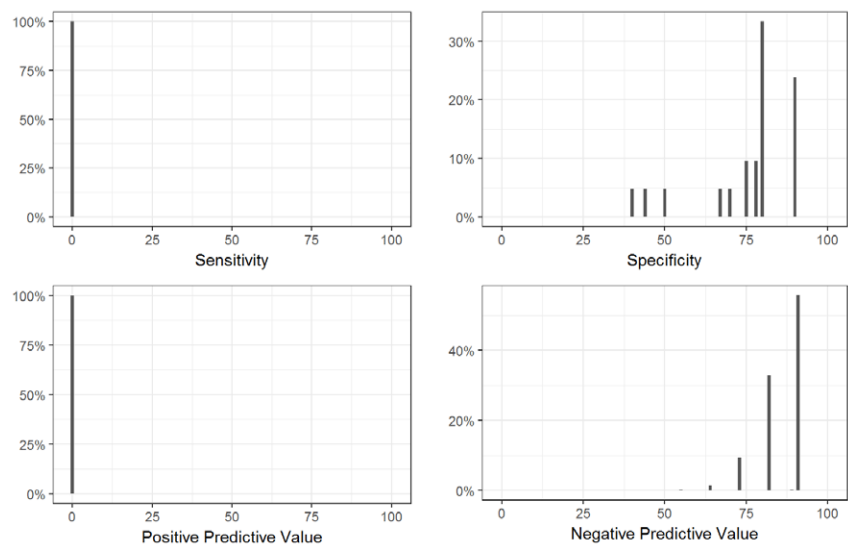
9 ARRHYTHMIA



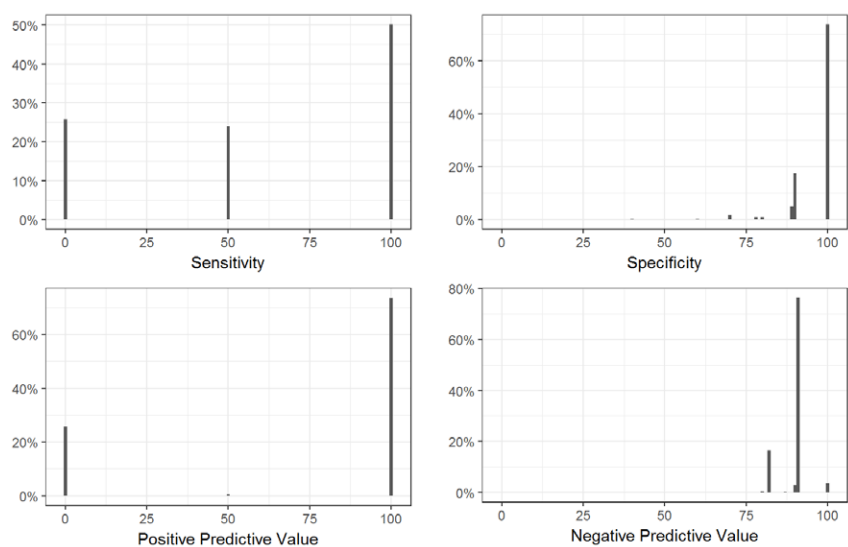
10 BACTERIAL INFECTION



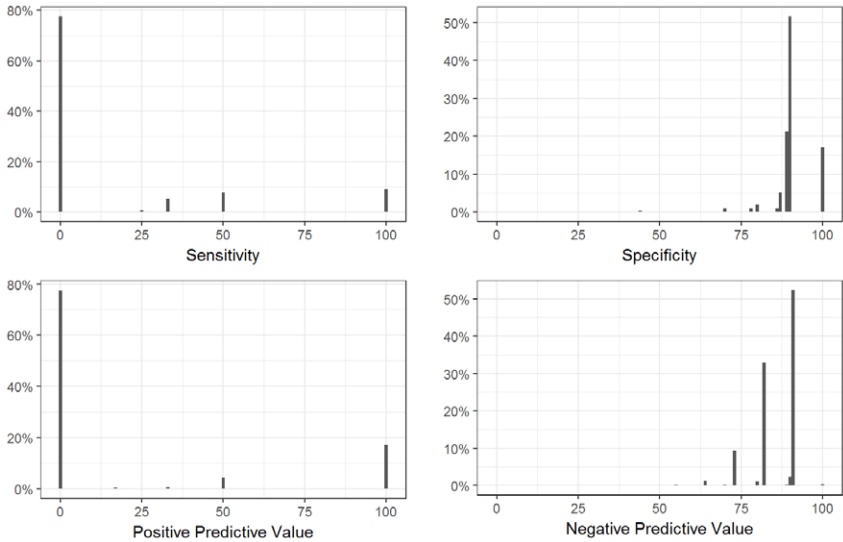
11 BLINDNESS



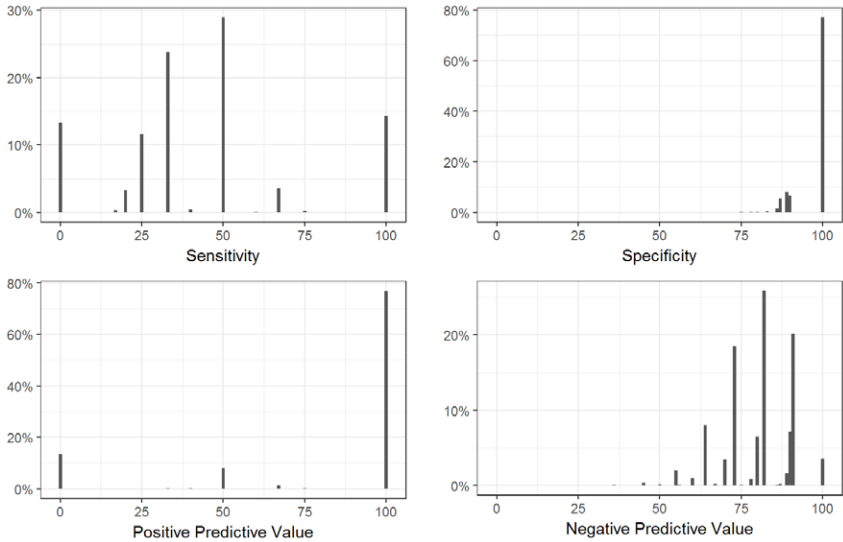
12 BONE MARROW FAILURE



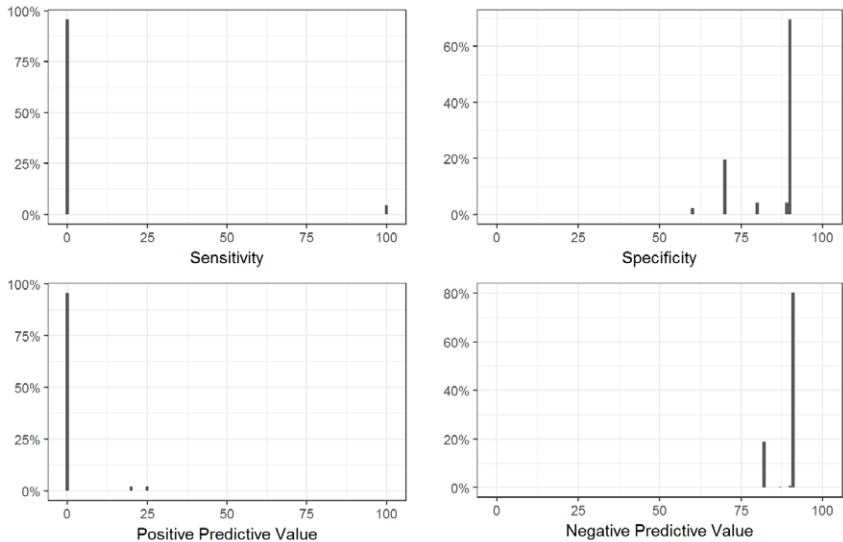
13 BRADYCARDIA



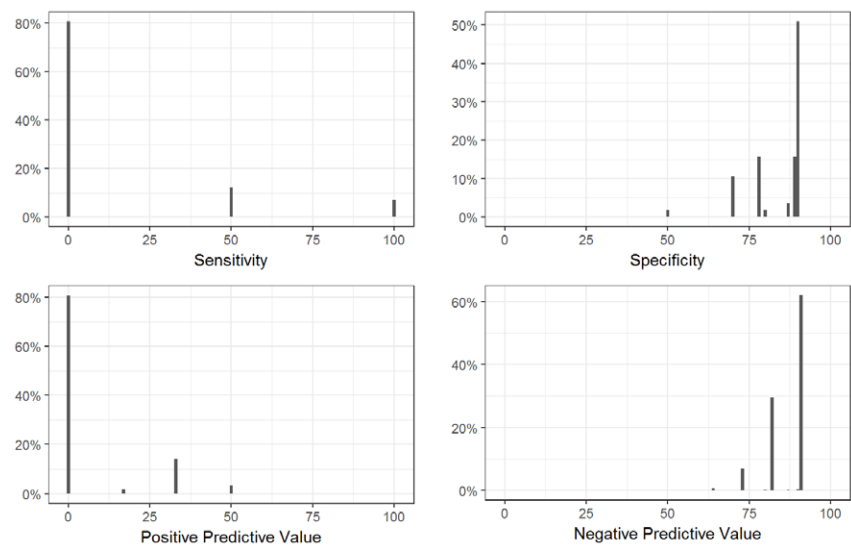
14 BRONCHITIS



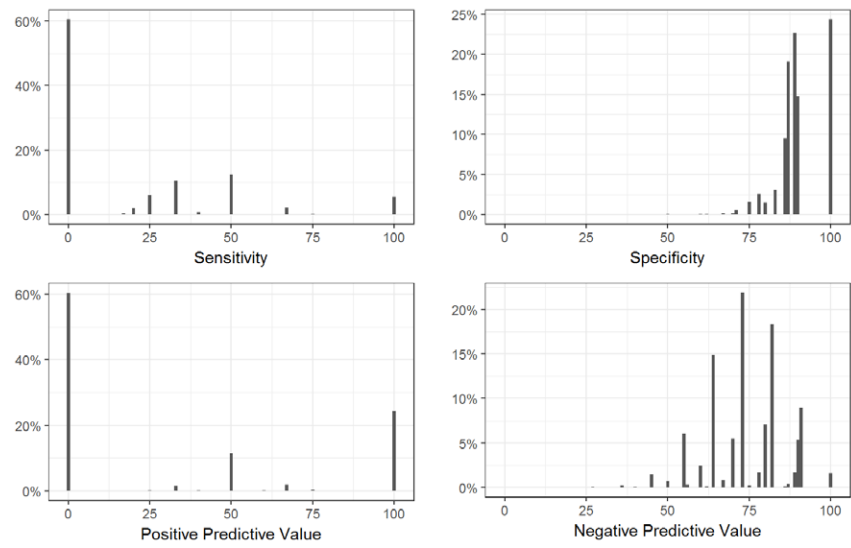
15 CANDIDA INFECTION



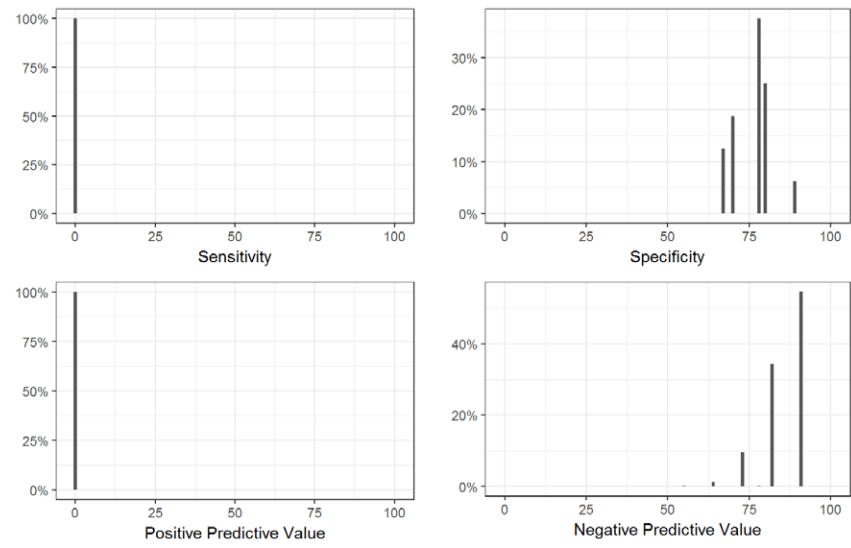
16 CARDIAC ARREST



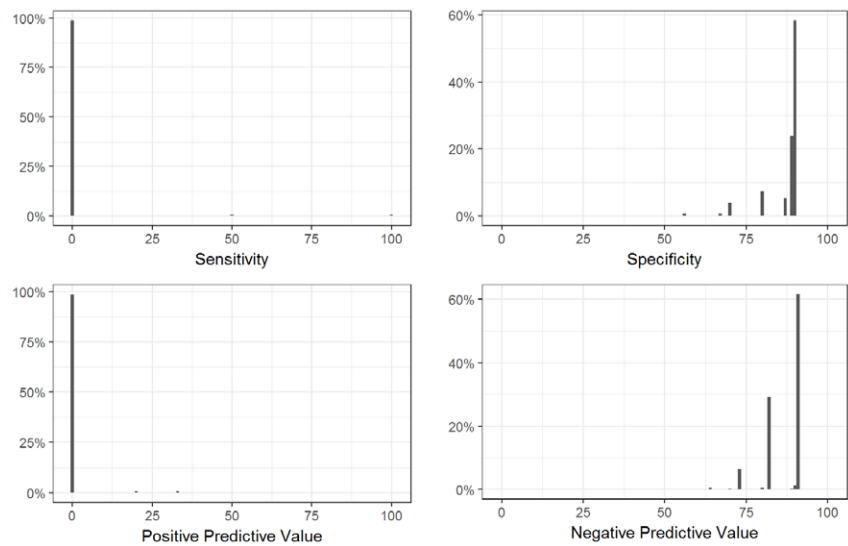
17 CARDIAC FAILURE



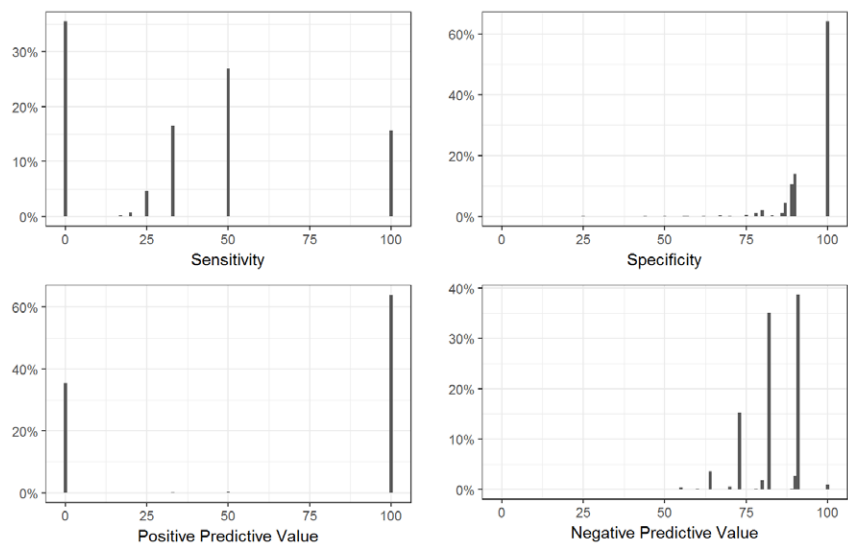
18 CATARACT



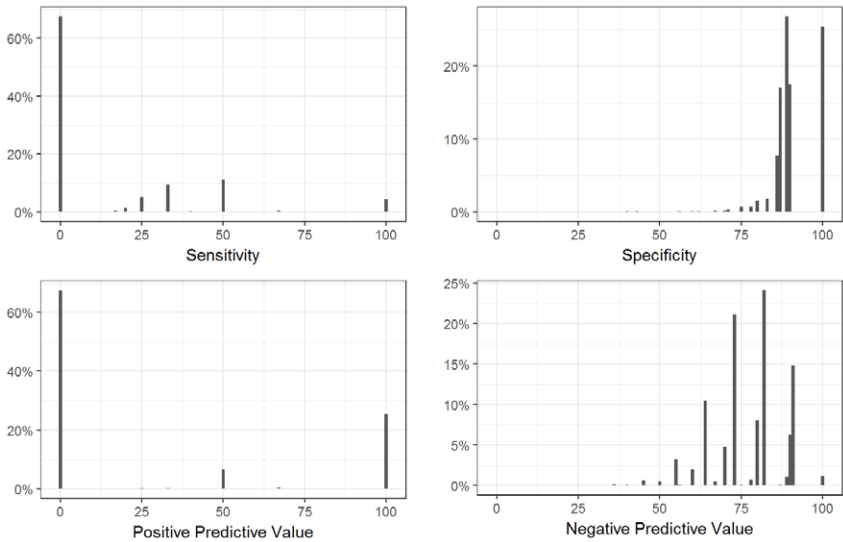
19 CELLULITIS



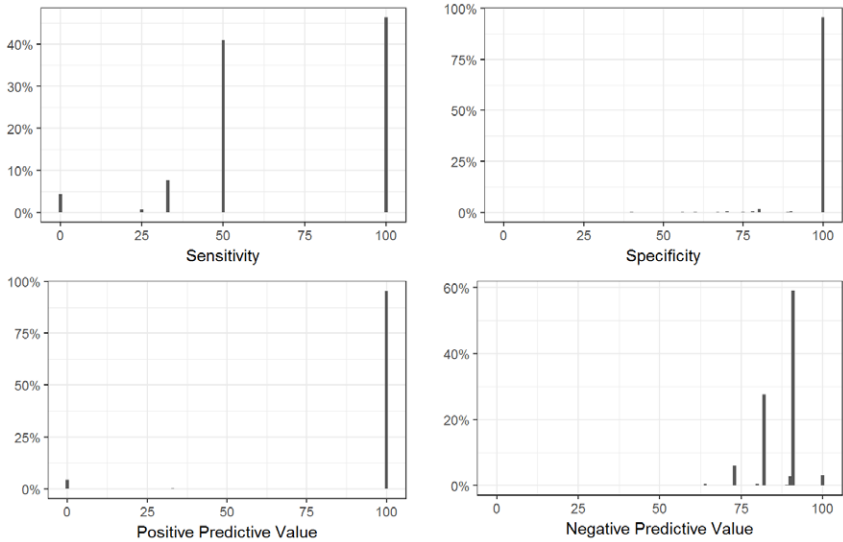
20 CEREBRAL HAEMORRHAGE



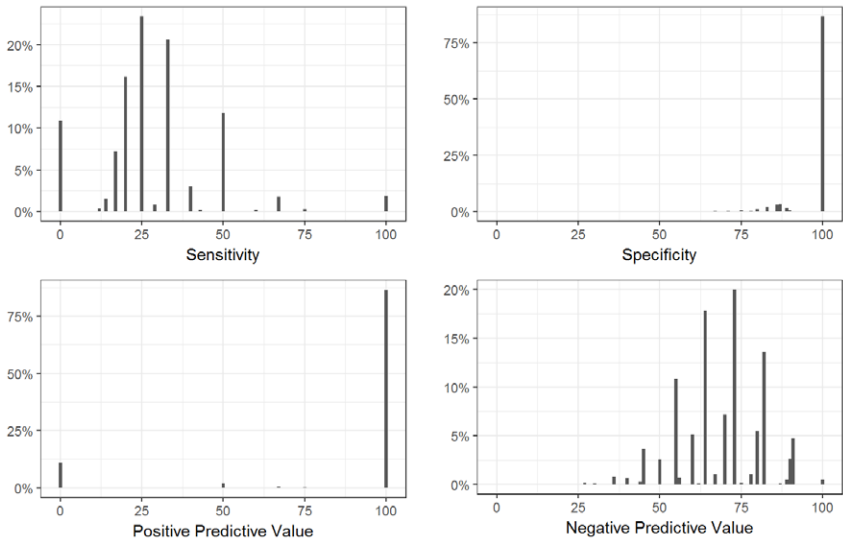
21 CEREBROVASCULAR ACCIDENT



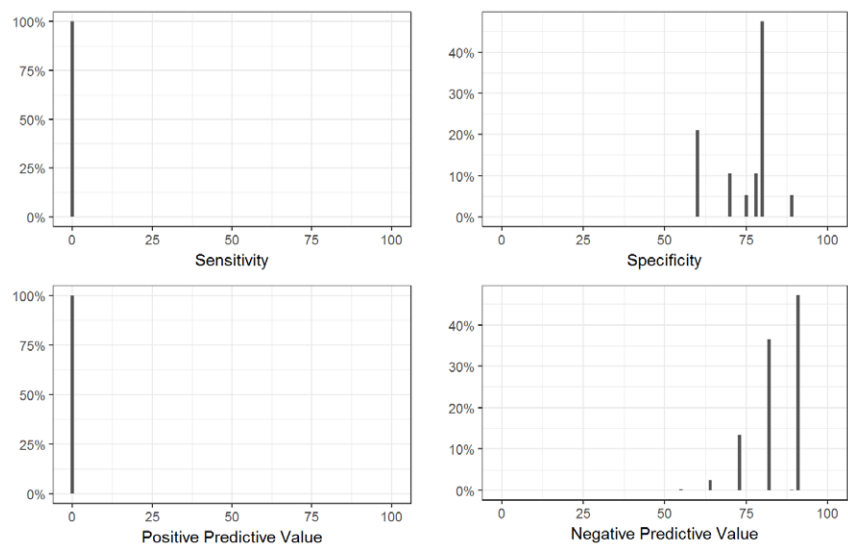
22 CHOLESTASIS



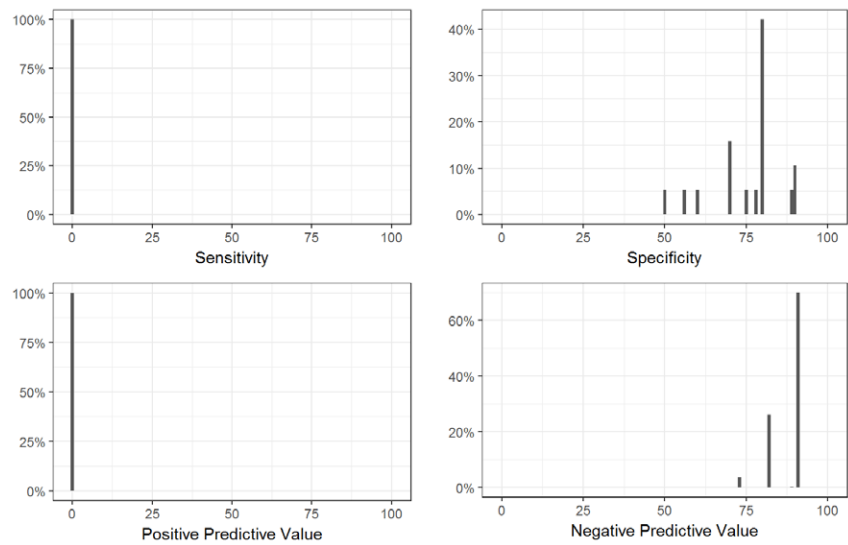
23 CONFUSIONAL STATE



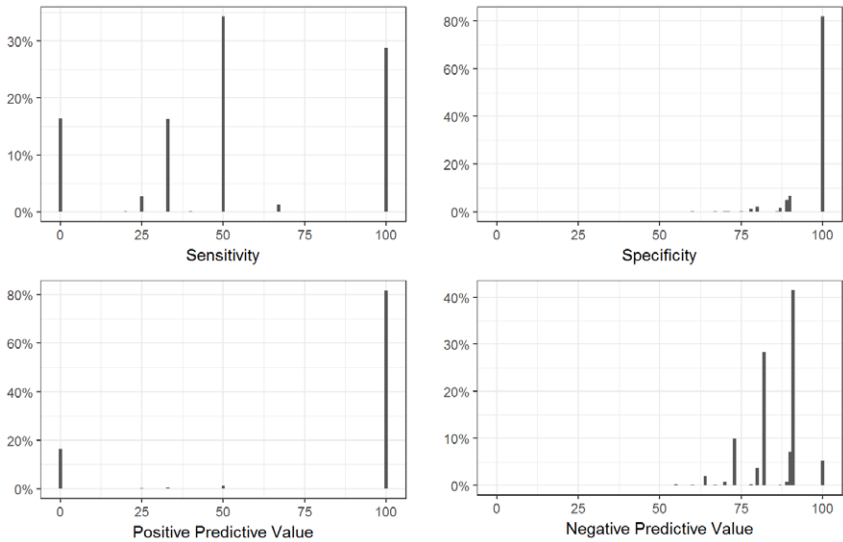
24 CONJUNCTIVITIS



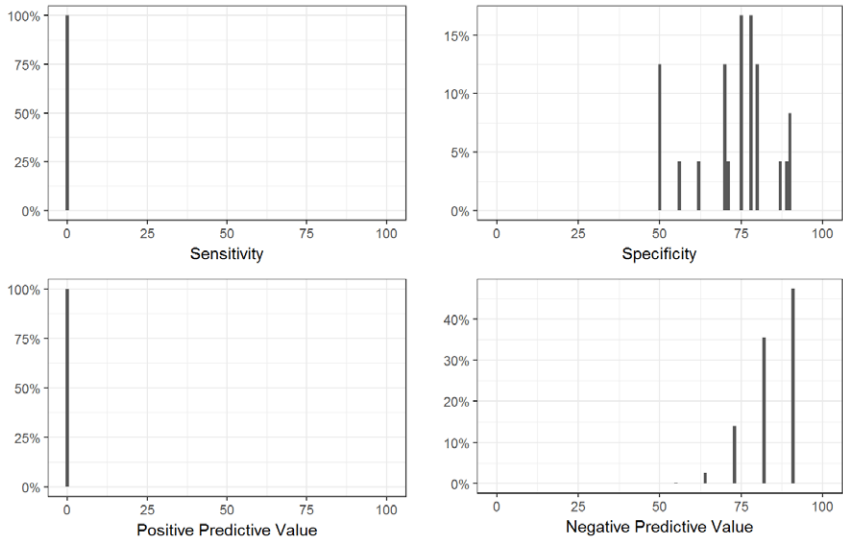
25 DEAFNESS



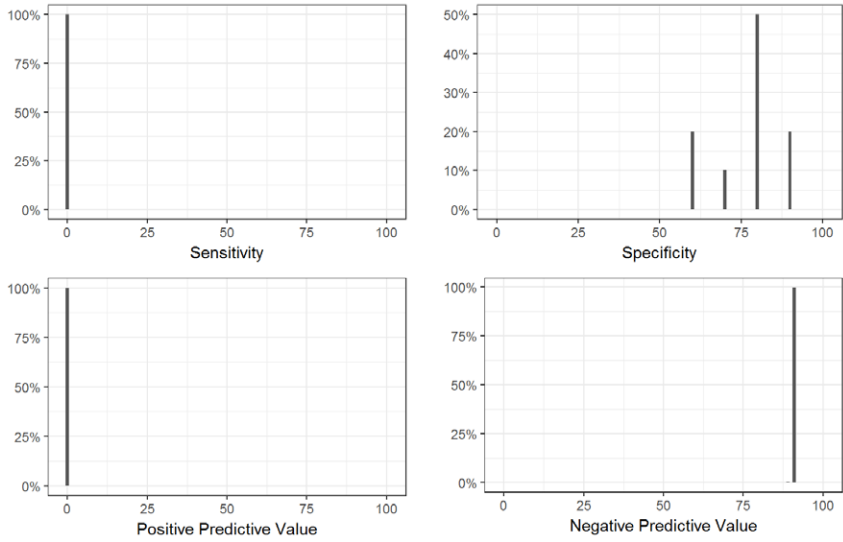
26 DEEP VEIN THROMBOSIS



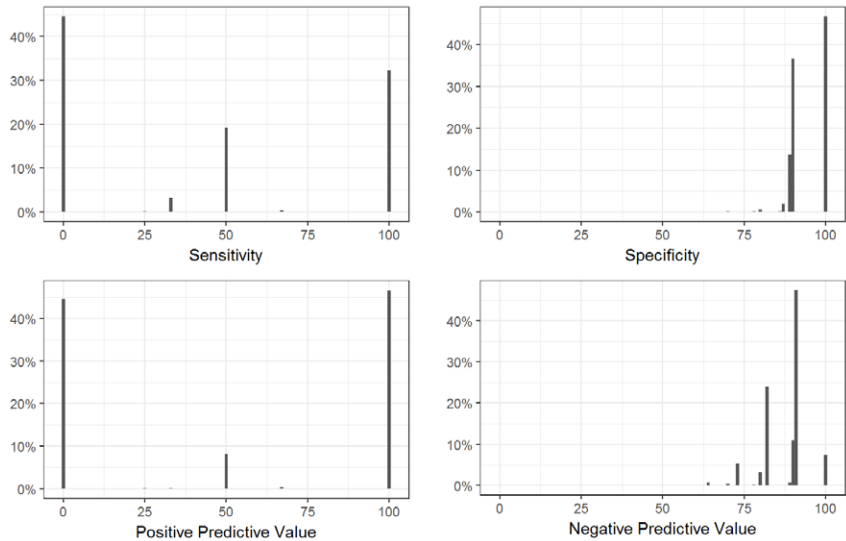
27 DELIRIUM



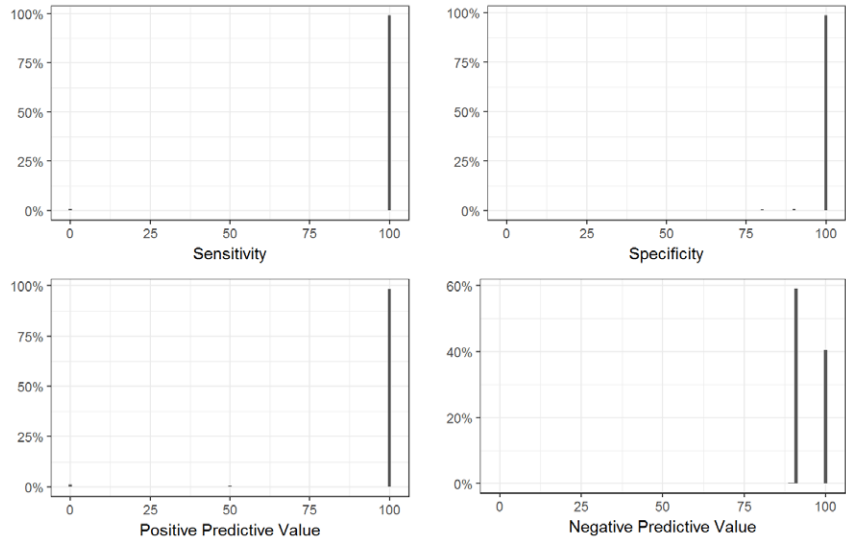
28 DELUSION



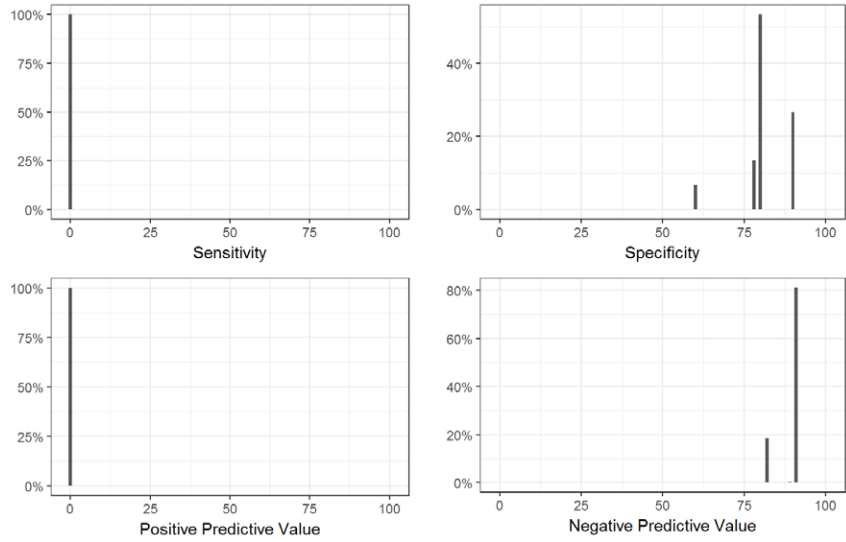
29 DIABETES MELLITUS



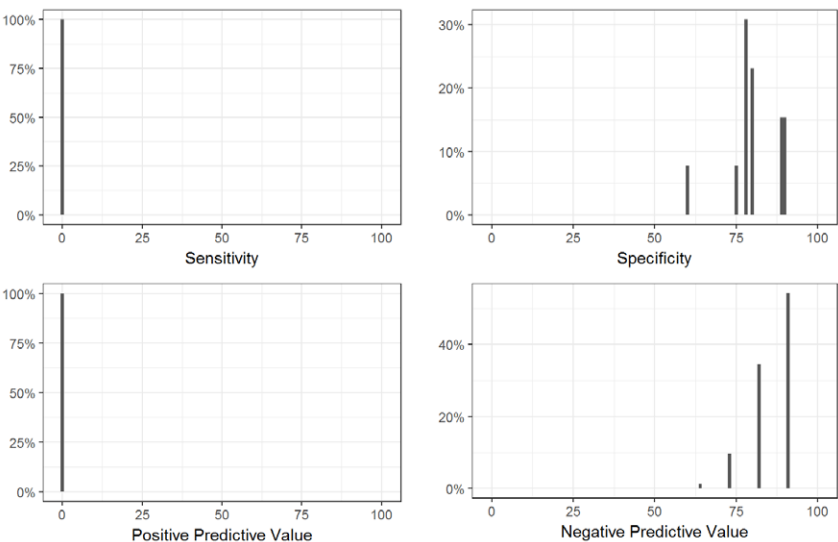
30 DIPLOPIA



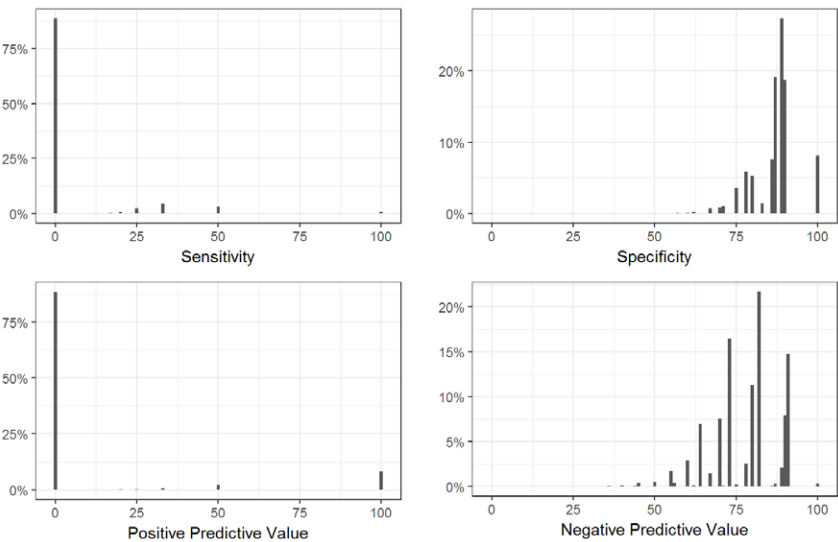
31 DISORIENTATION



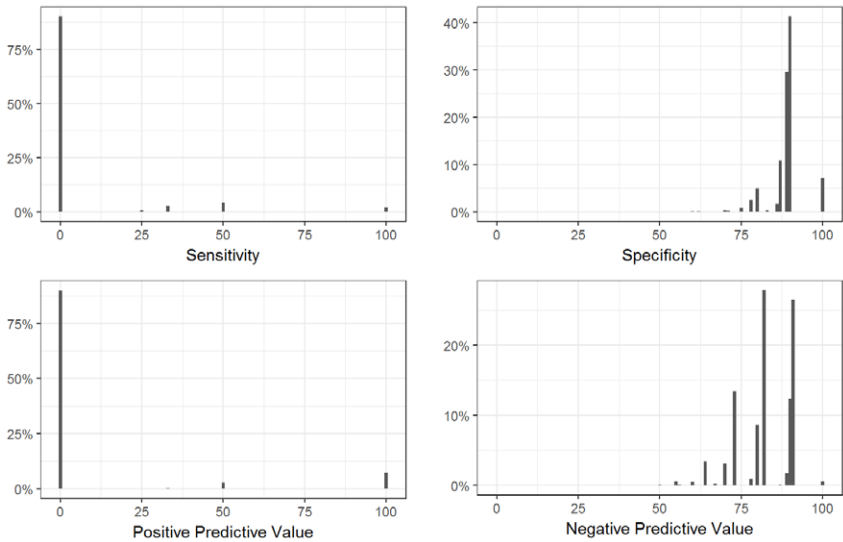
32 DRUG REACTION WITH EOSINOPHILIA AND SYSTEMIC SYMPTOMS



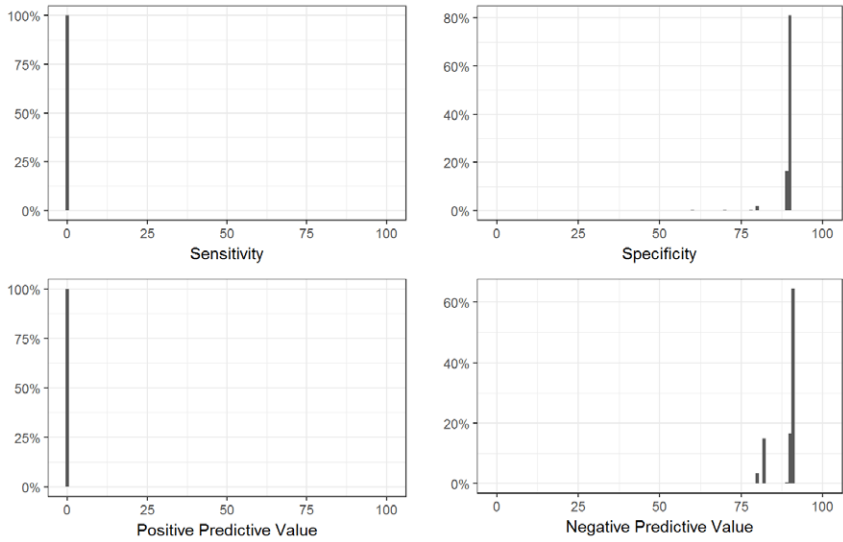
33 DYSGEUSIA



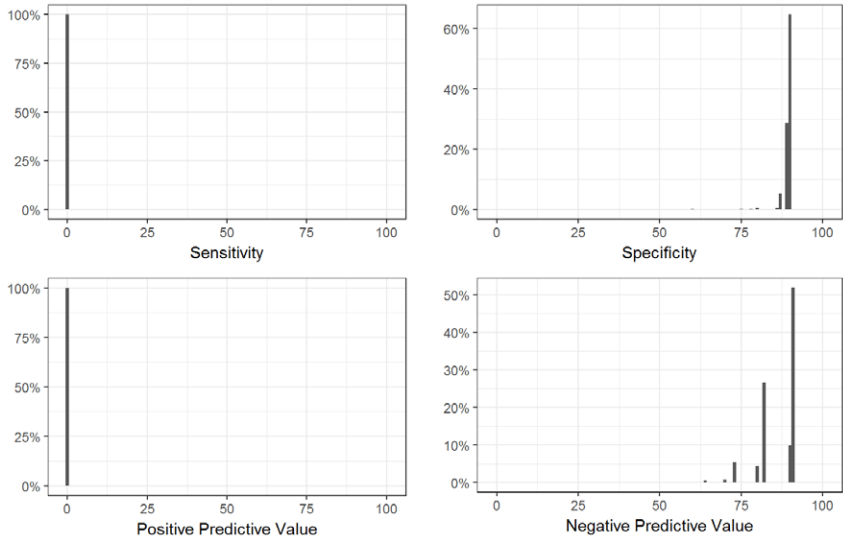
34 ELECTROCARDIOGRAM QT PROLONGED



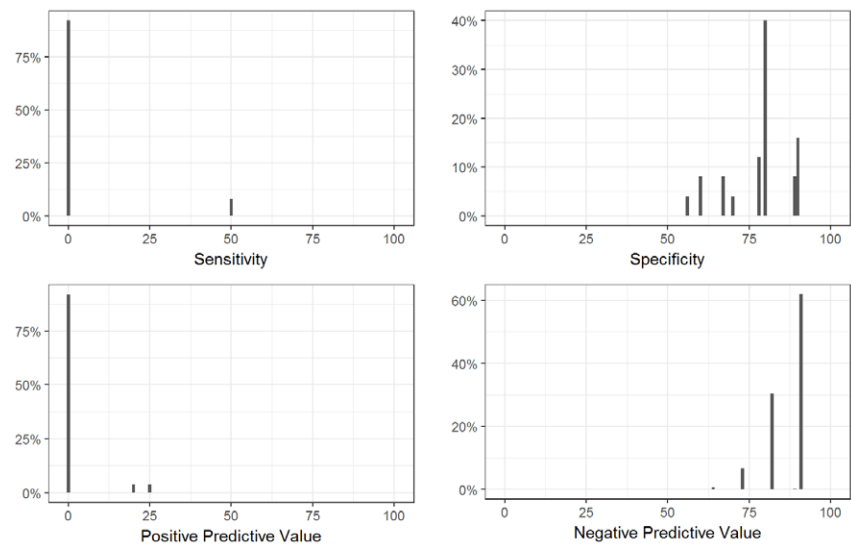
35 EMBOLISM



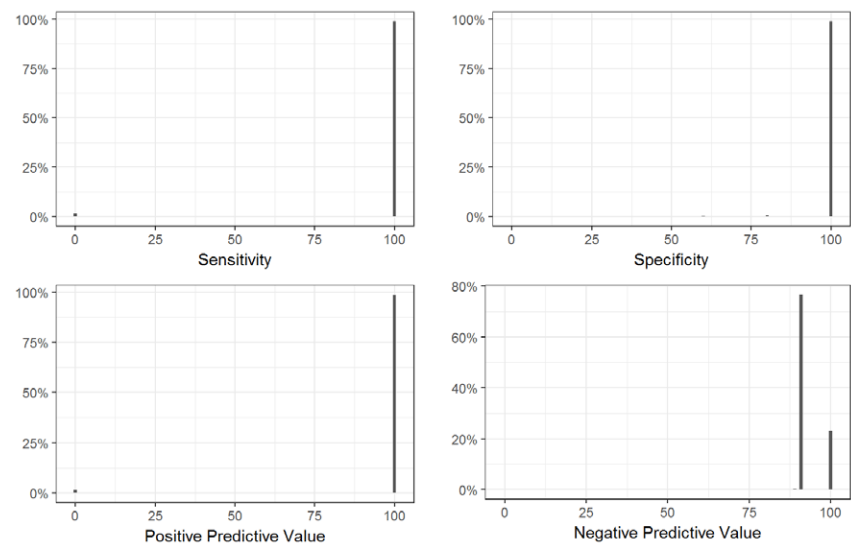
36 EOSINOPHILIA



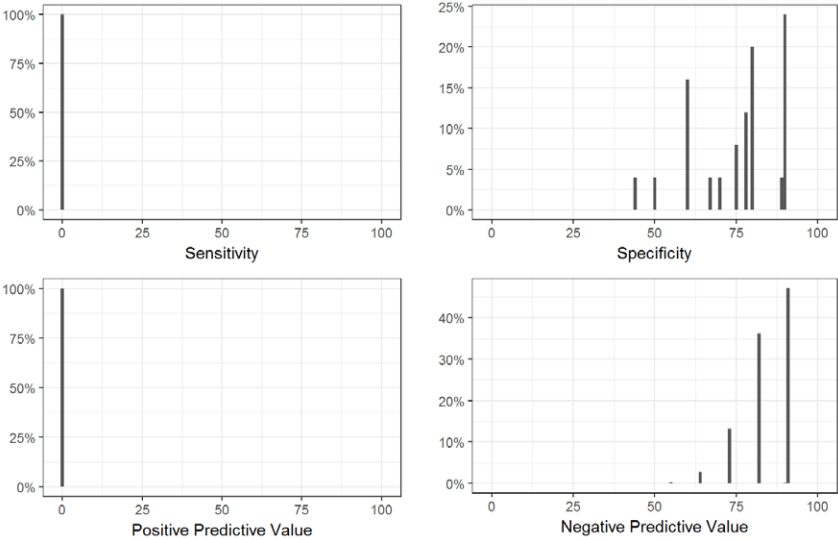
37 ERYTHEMA MULTIFORME



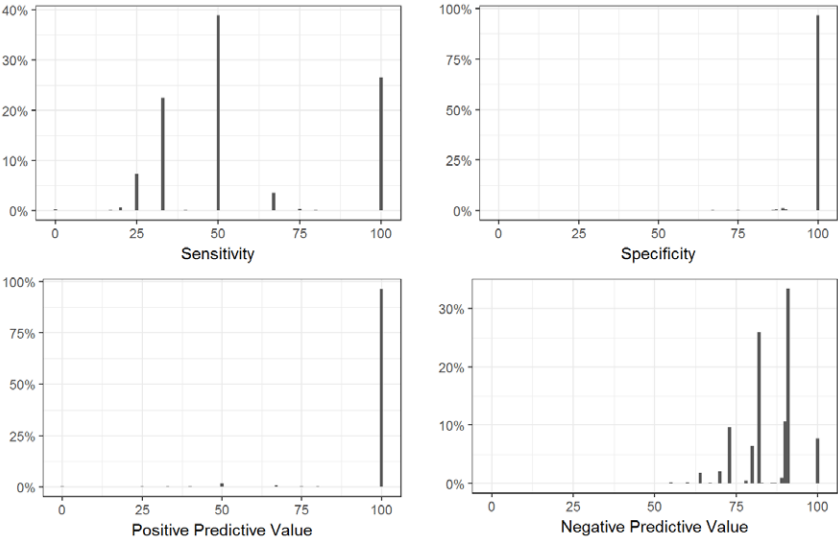
38 EXTRAPYRAMIDAL DISORDER



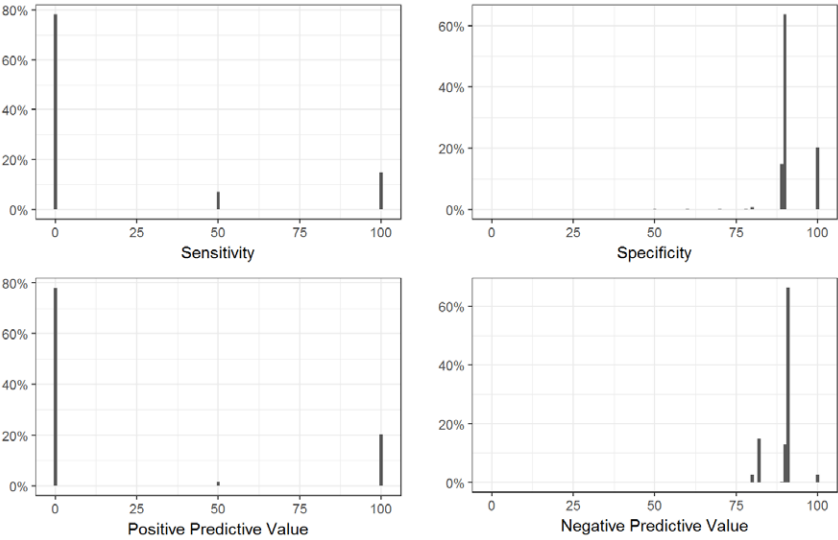
39 FALL



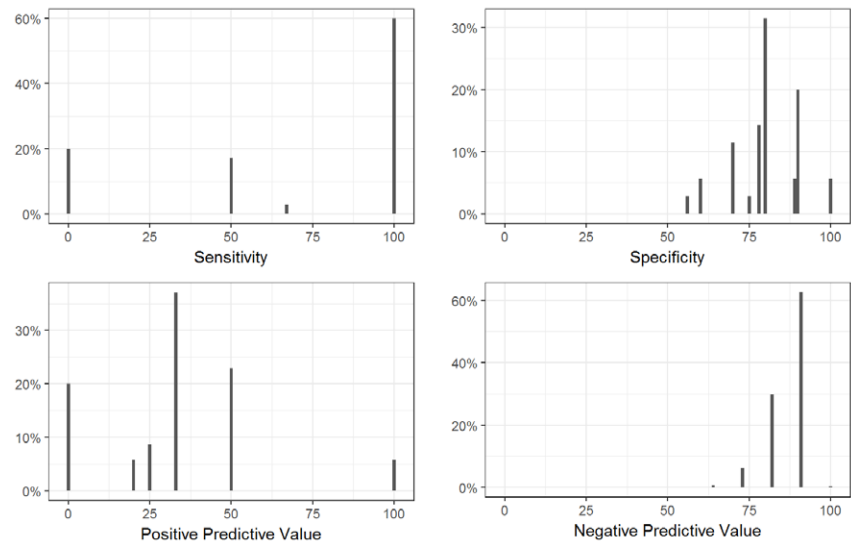
40 FEBRILE NEUTROPENIA



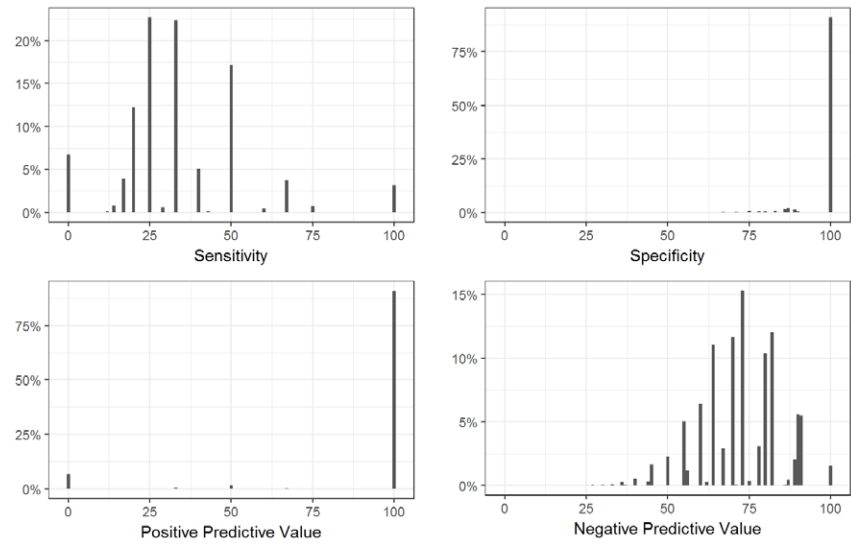
41 FRACTURE



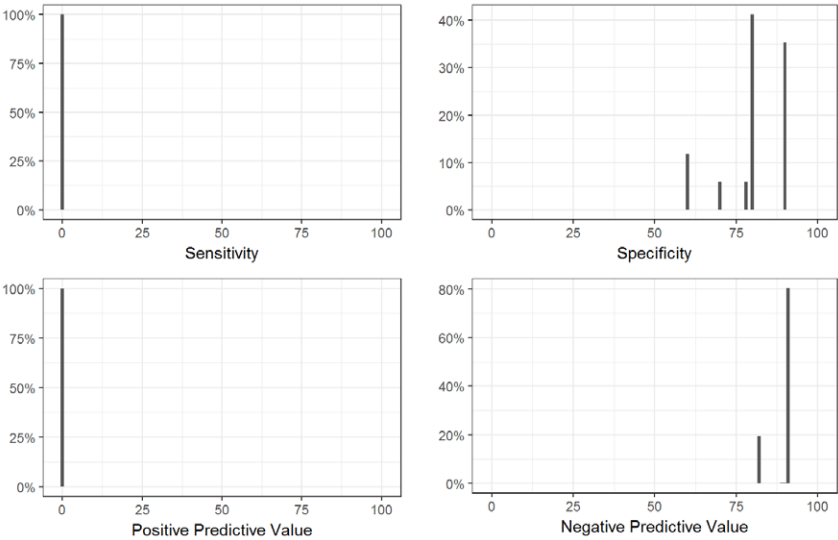
42 FUNGAL INFECTION



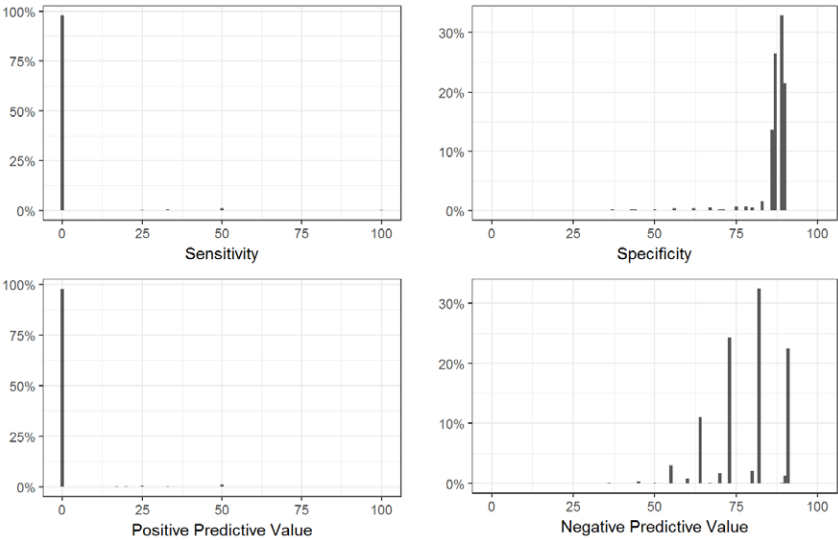
43 GASTROINTESTINAL HAEMORRHAGE



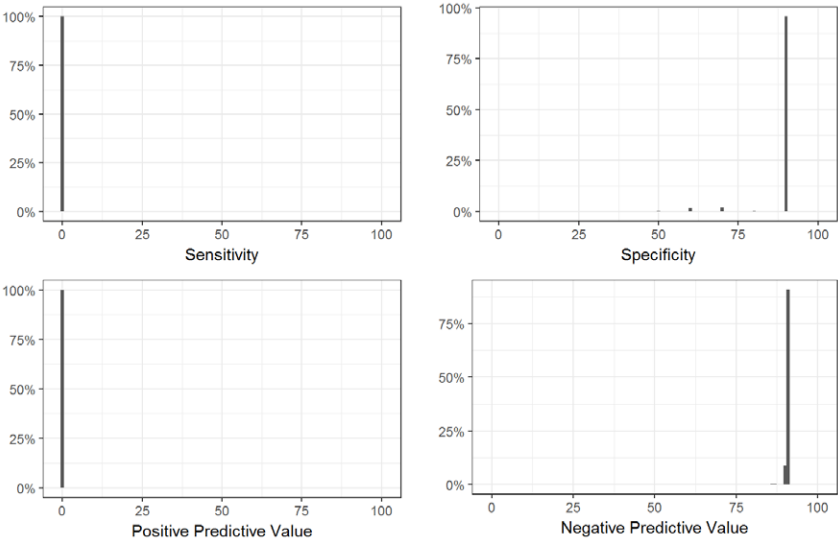
44 GLAUCOMA



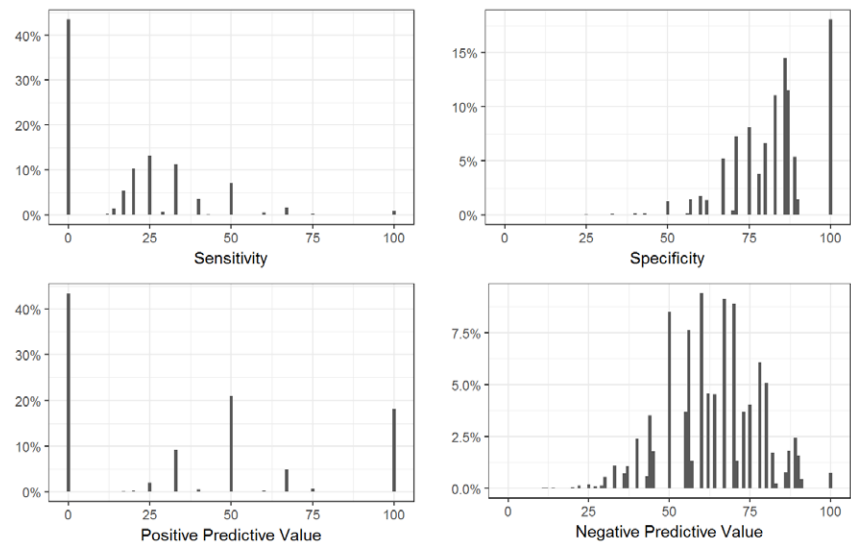
45 HAEMATOMA



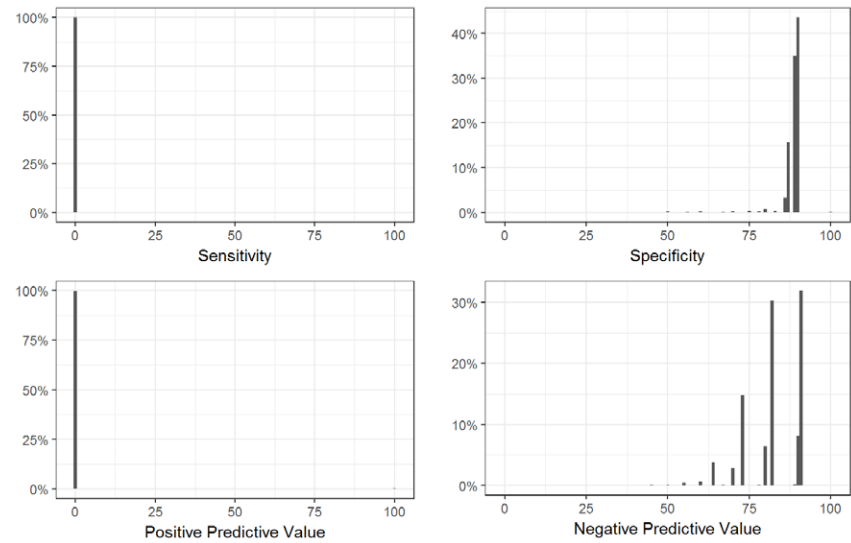
46 HAEMOLYTIC ANAEMIA



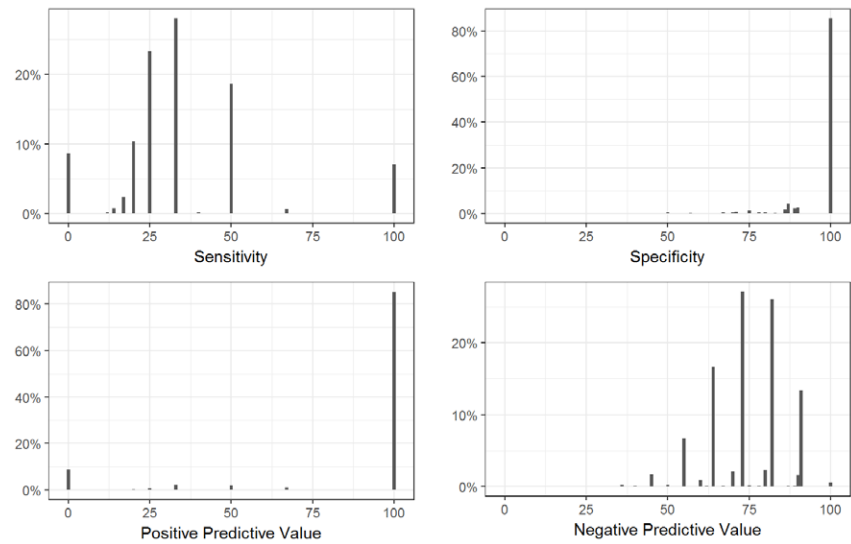
47 HAEMORRHAGE



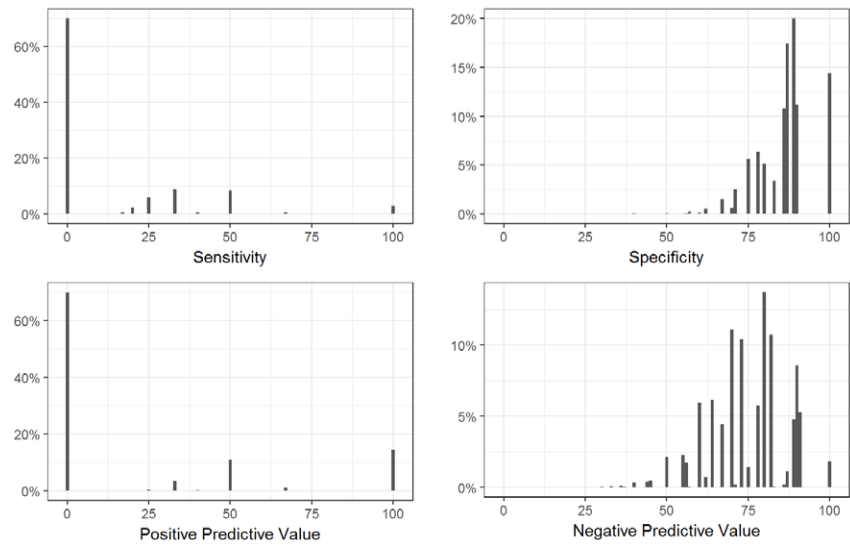
48 HALLUCINATION



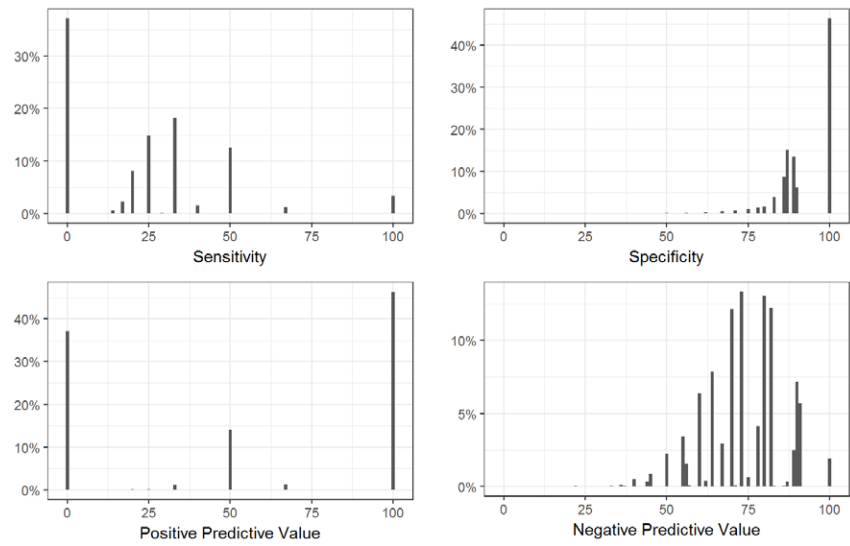
49 HEPATIC FAILURE



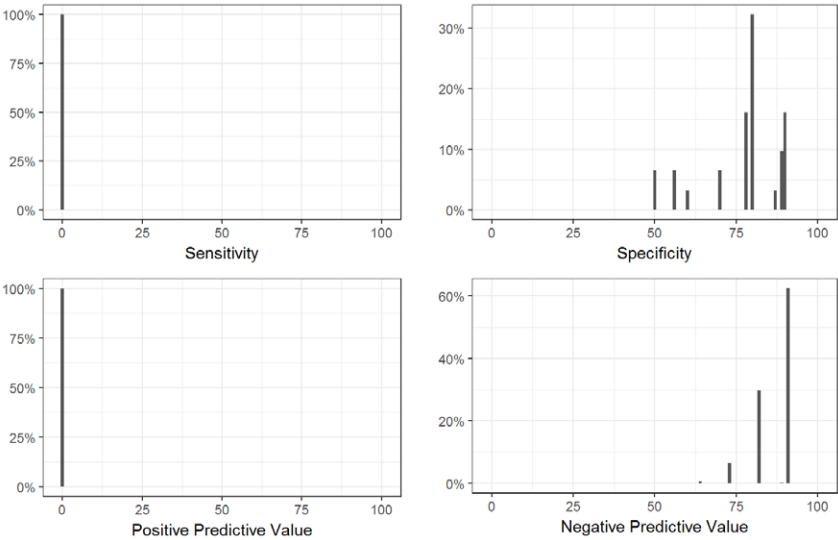
50 HEPATITIS



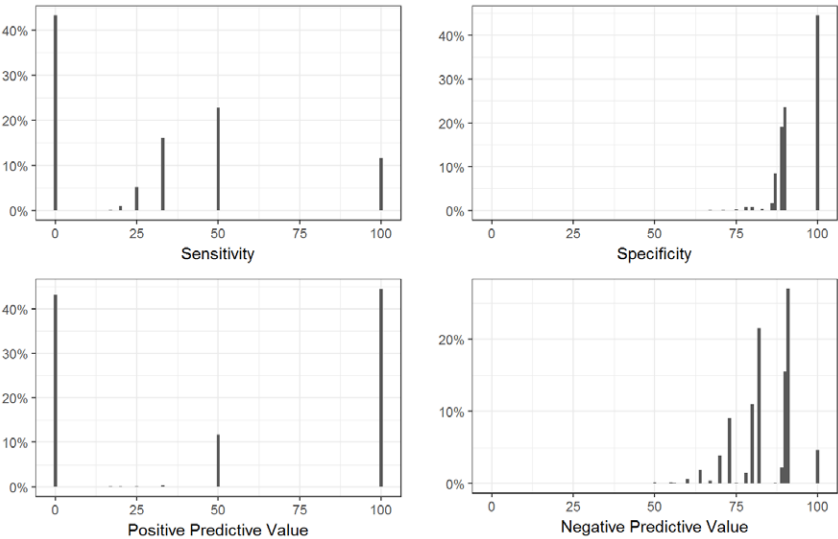
51 HEPATOTOXICITY



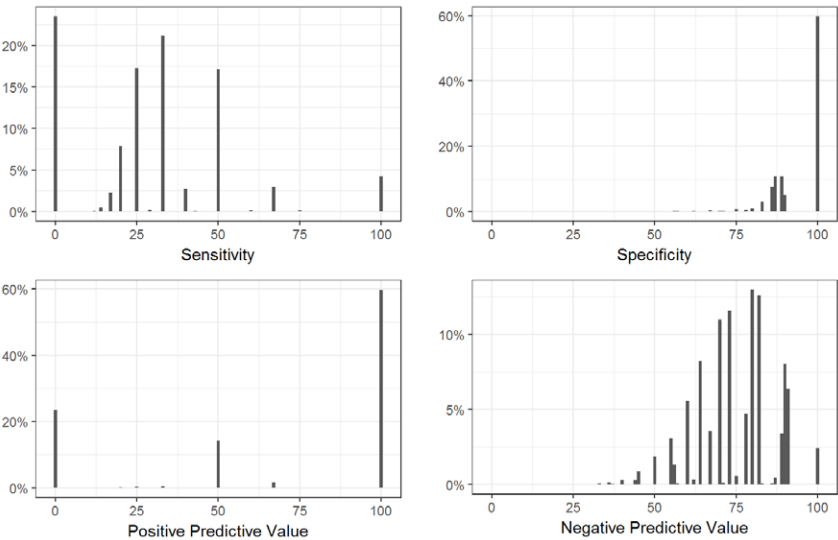
52 HOSTILITY



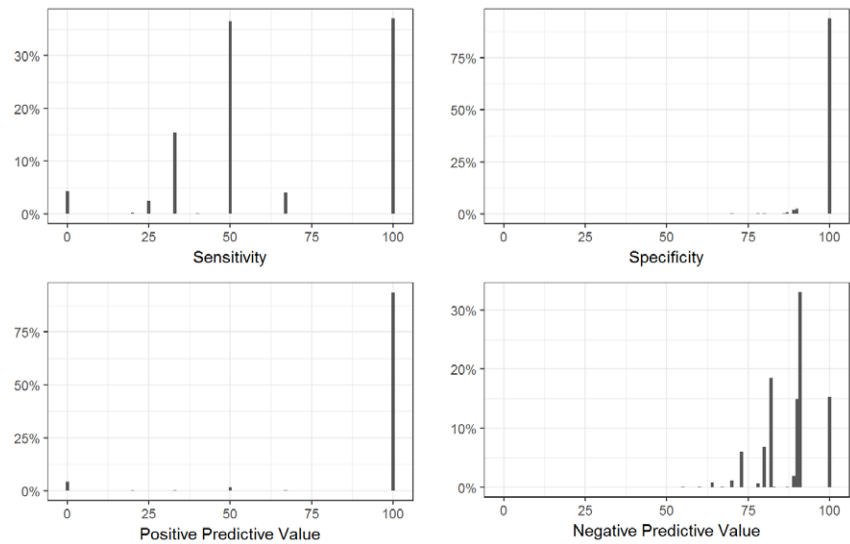
53 HYPERCHOLESTEROLAEMIA



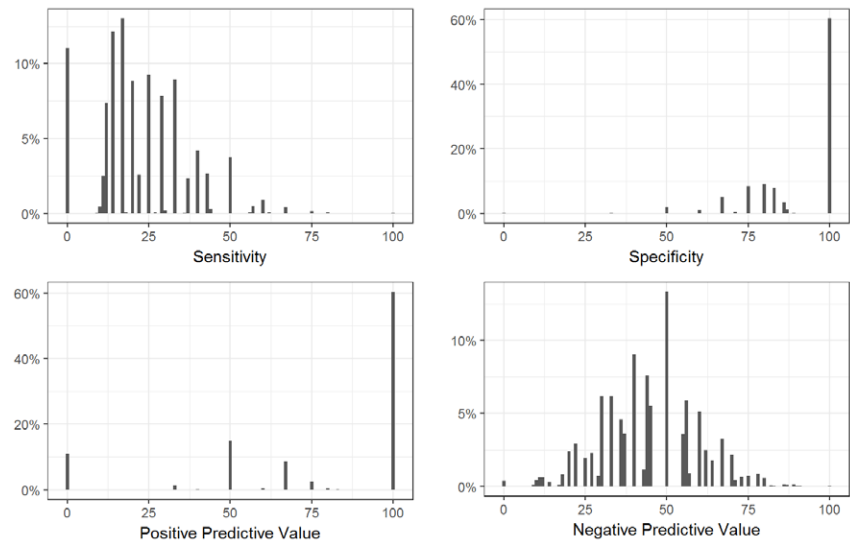
54 HYPERGLYCAEMIA



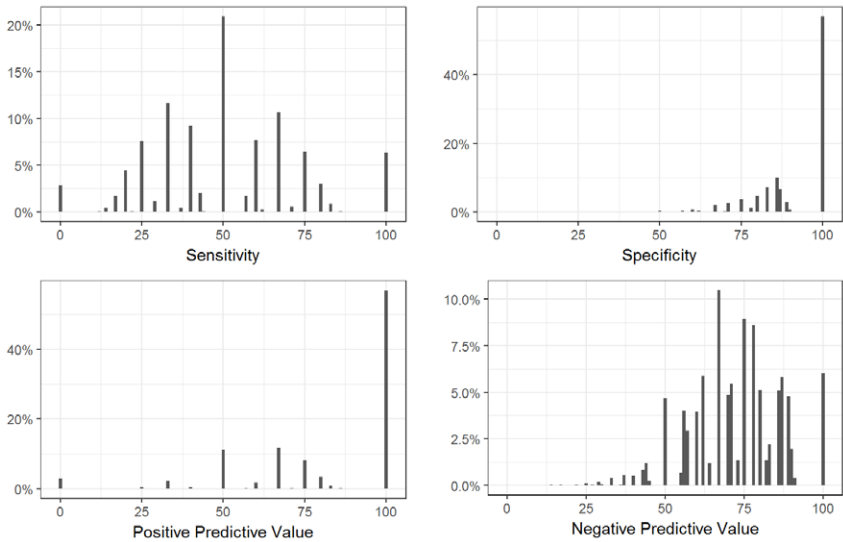
55 HYPERKINESIA



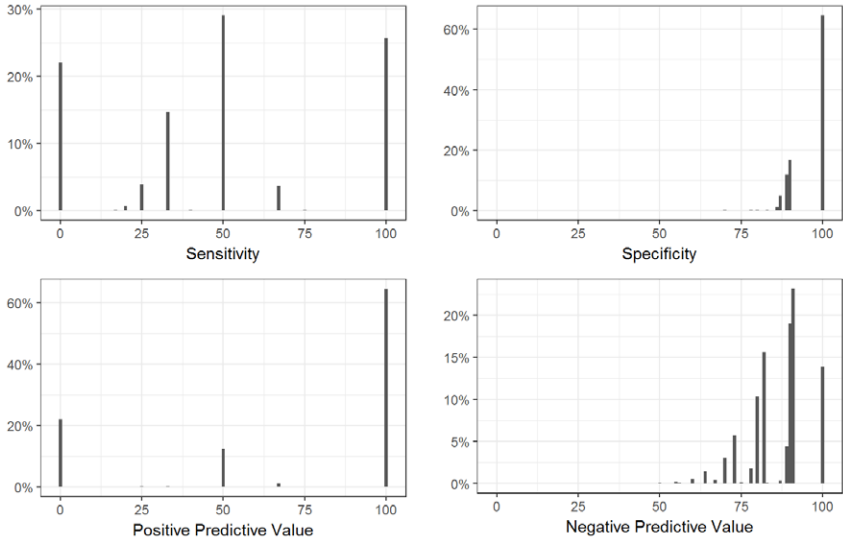
56 HYPERSENSITIVITY



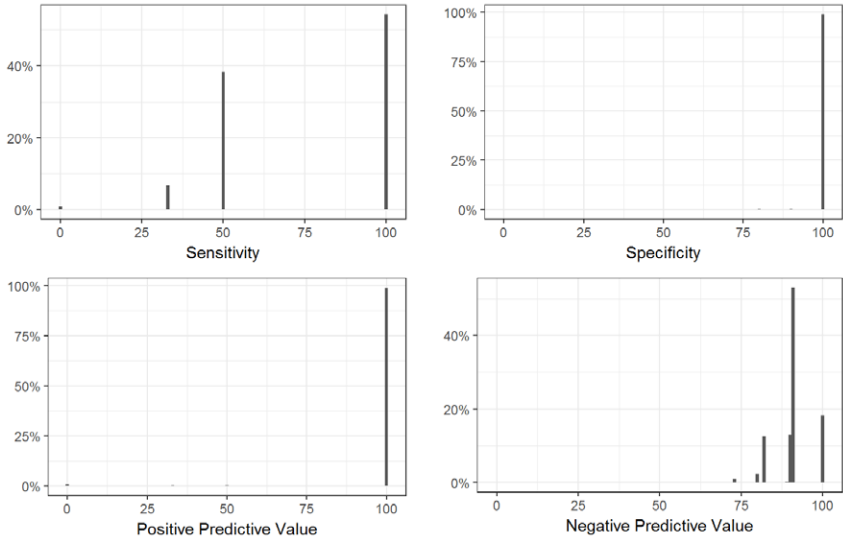
57 HYPERTENSION



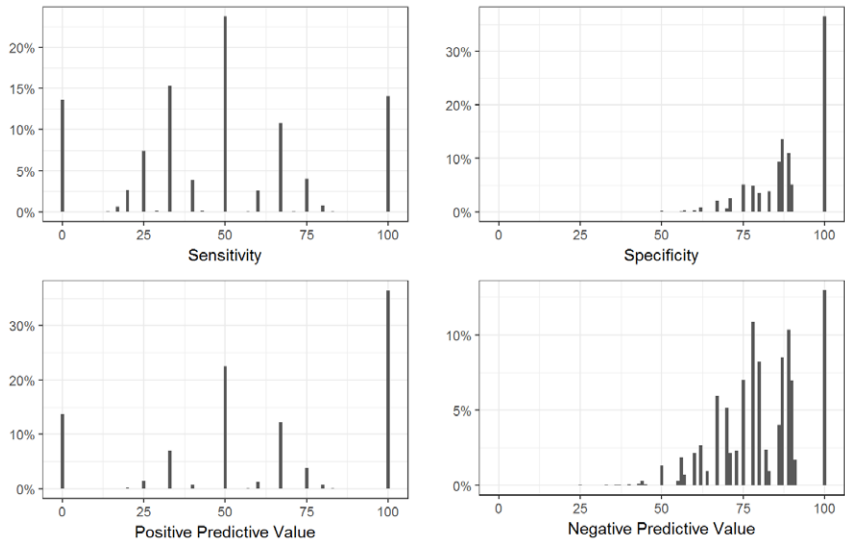
58 HYPOGLYCAEMIA



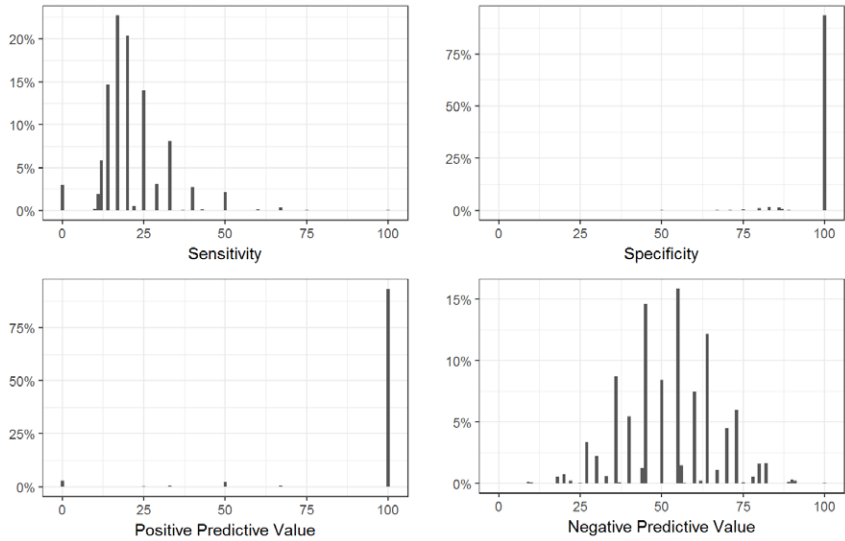
59 IMPAIRED HEALING



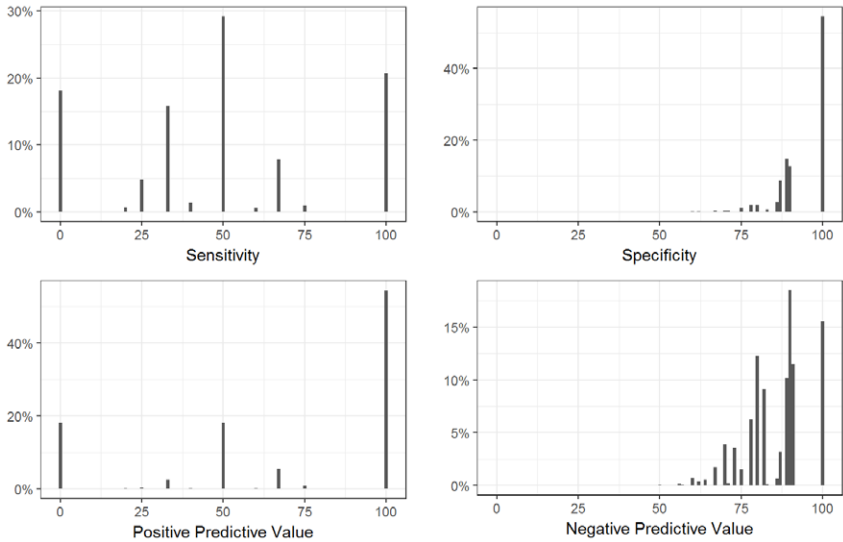
60 INFECTION



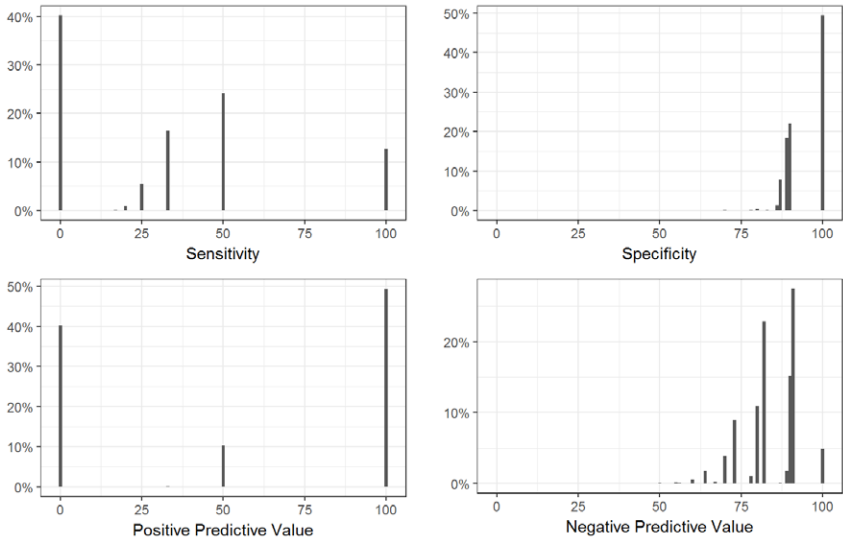
61 INSOMNIA



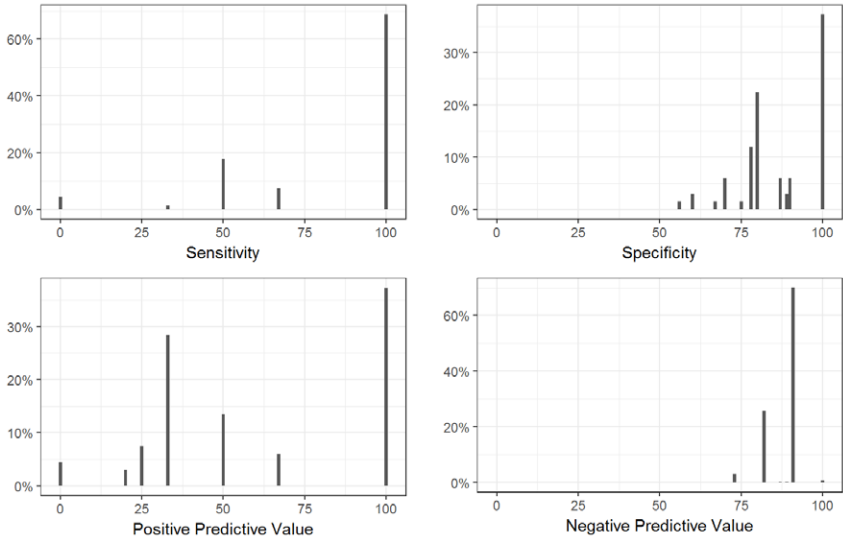
62 INTERSTITIAL LUNG DISEASE



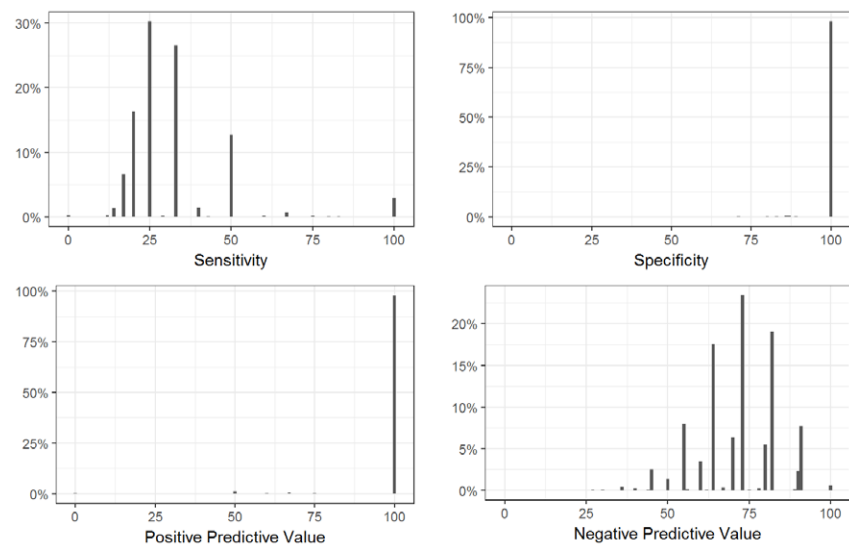
63 JAUNDICE



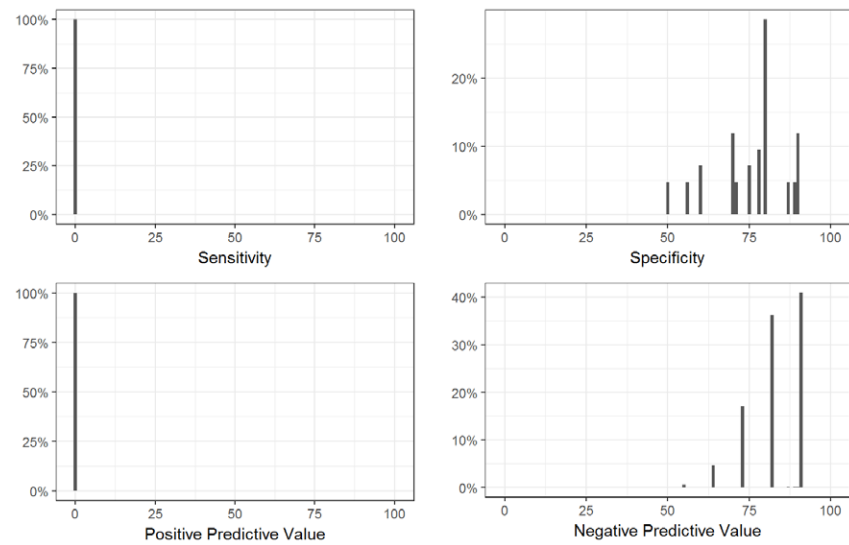
64 LARYNGEAL OEDEMA



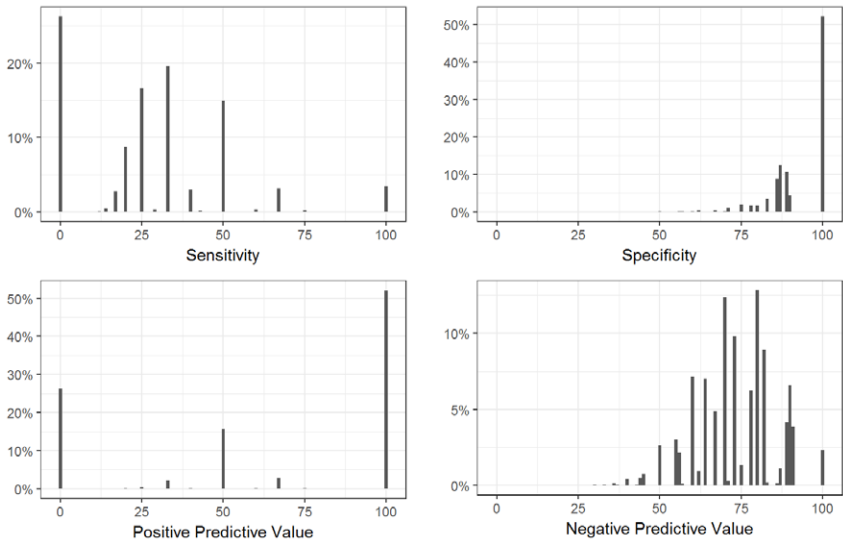
65 LEUKOPENIA



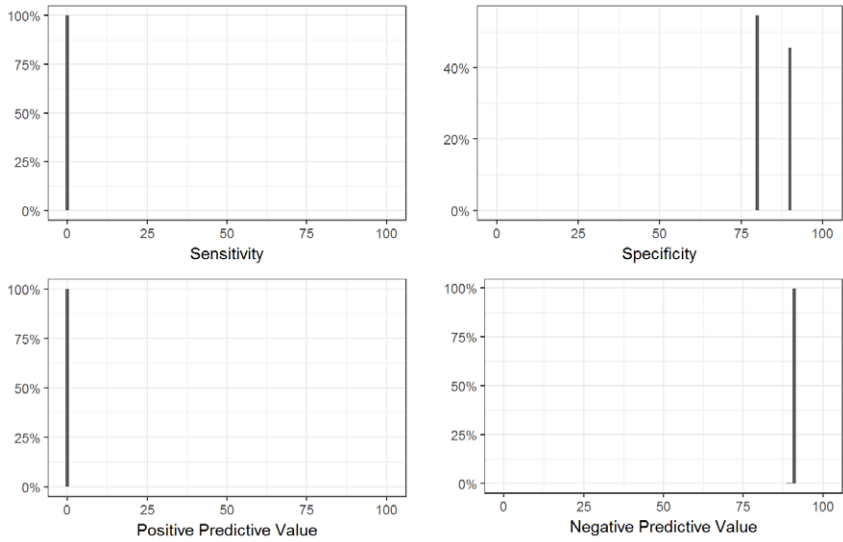
66 MEMORY IMPAIRMENT



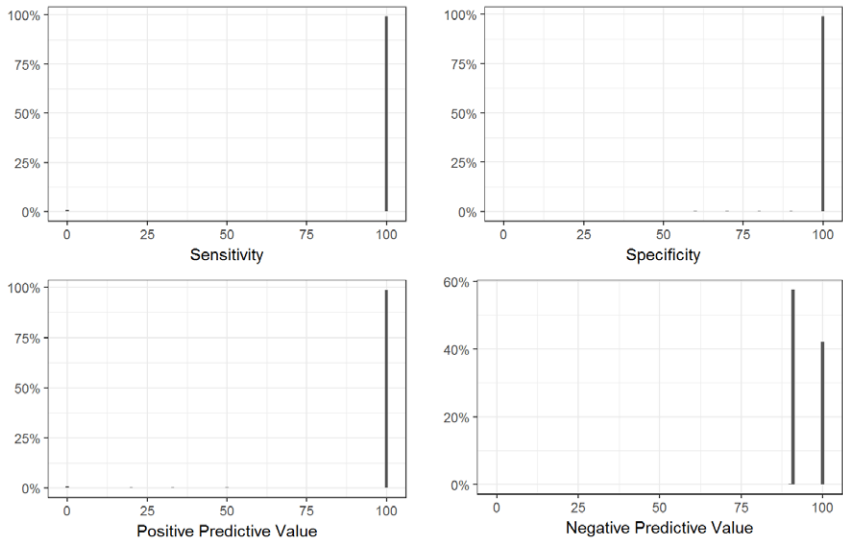
67 MYOCARDIAL INFARCTION



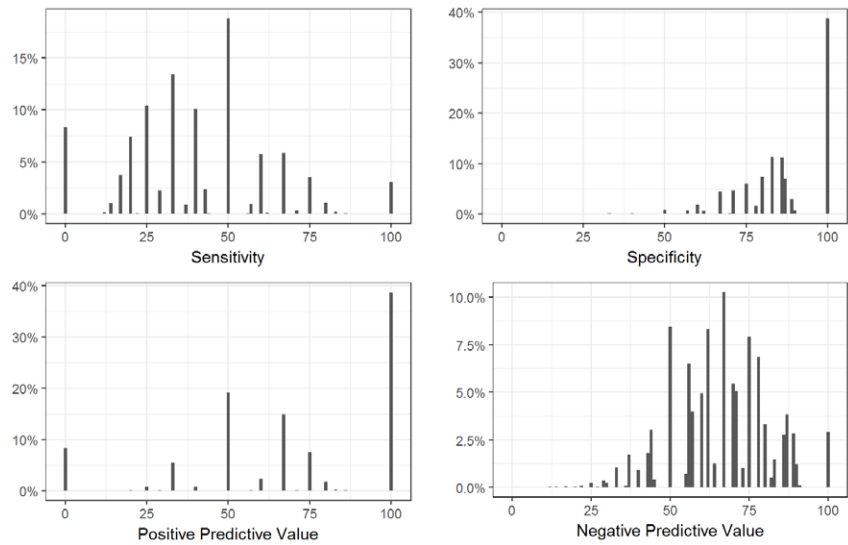
68 MYOSITIS



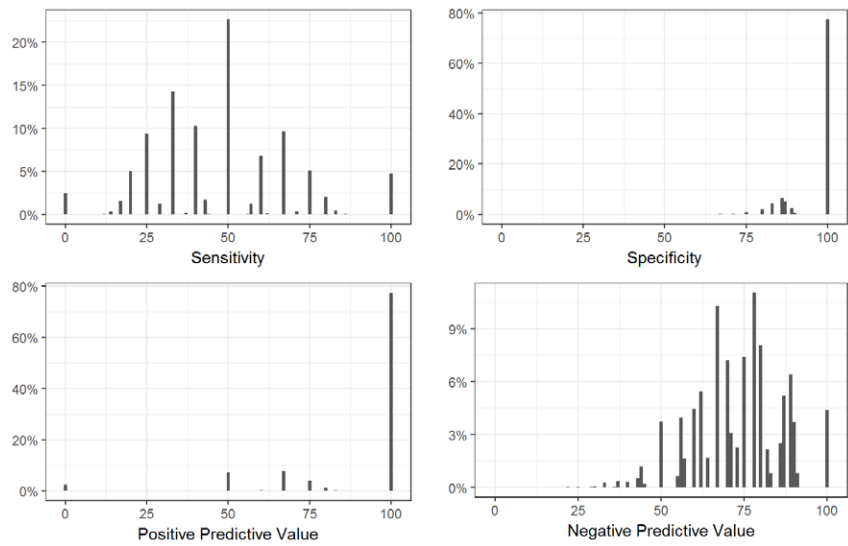
69 NEUROLEPTIC MALIGNANT SYNDROME



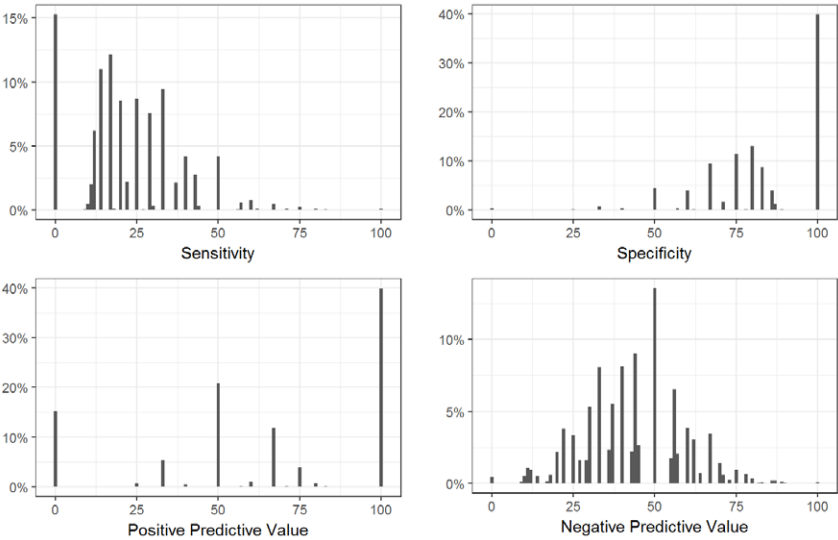
70 NEUROPATHY PERIPHERAL



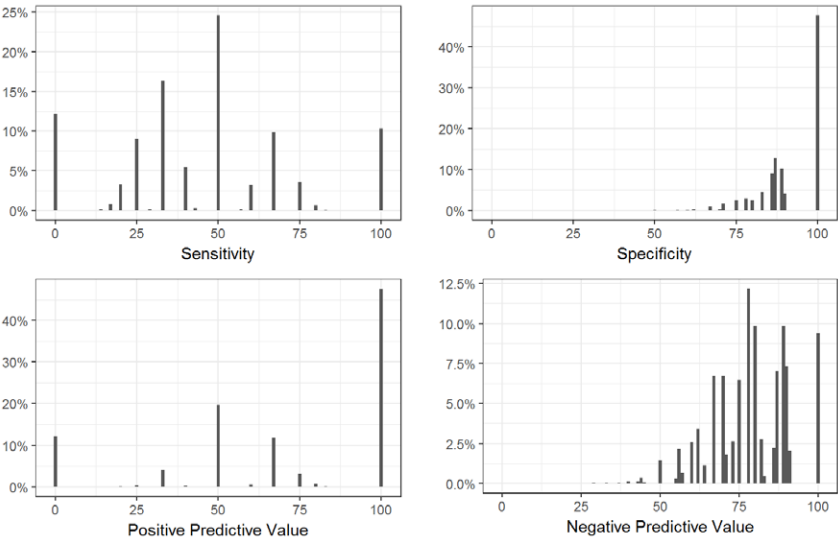
71 NEUTROPENIA



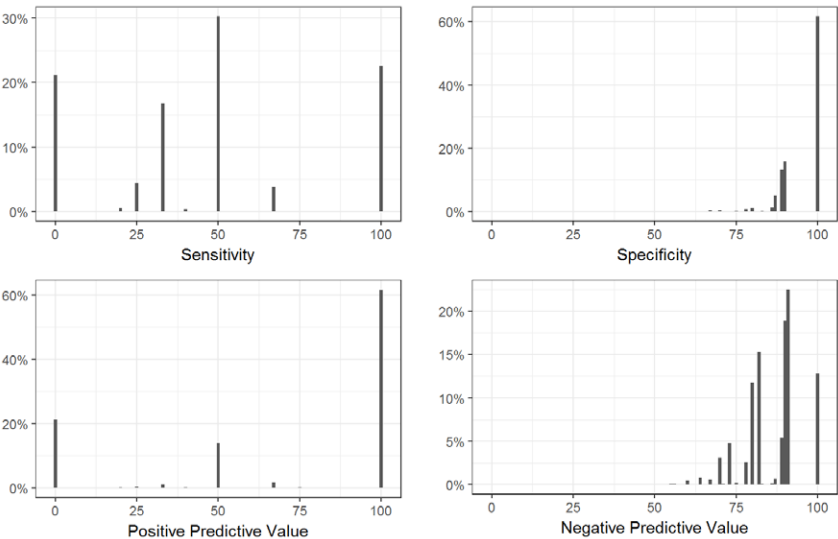
72 OEDEMA



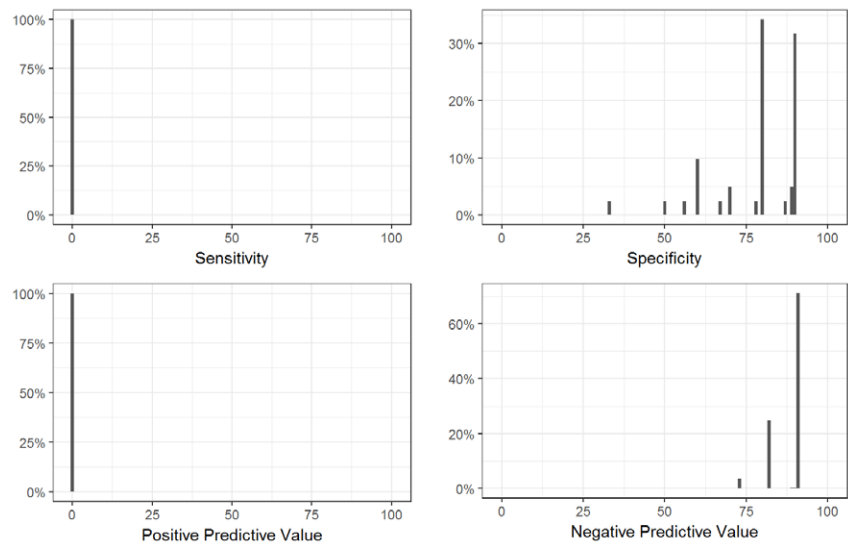
73 PANCREATITIS



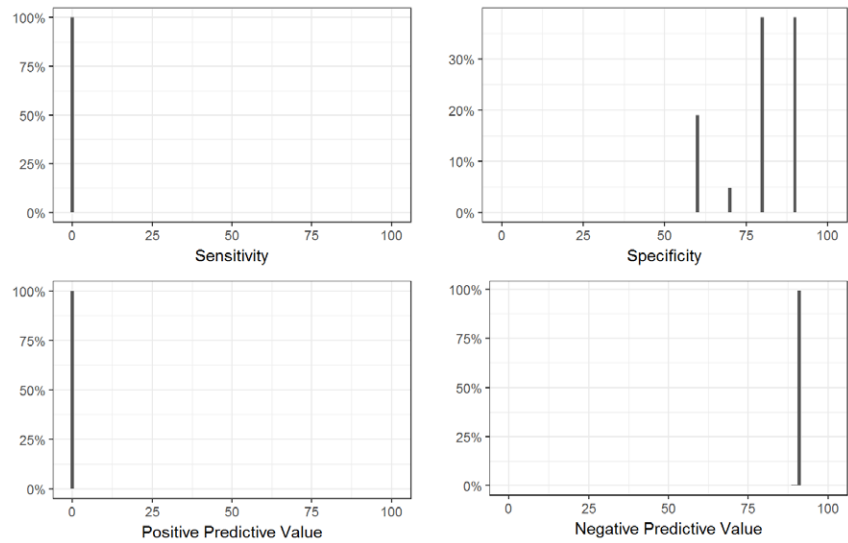
74 PANCYTOPENIA



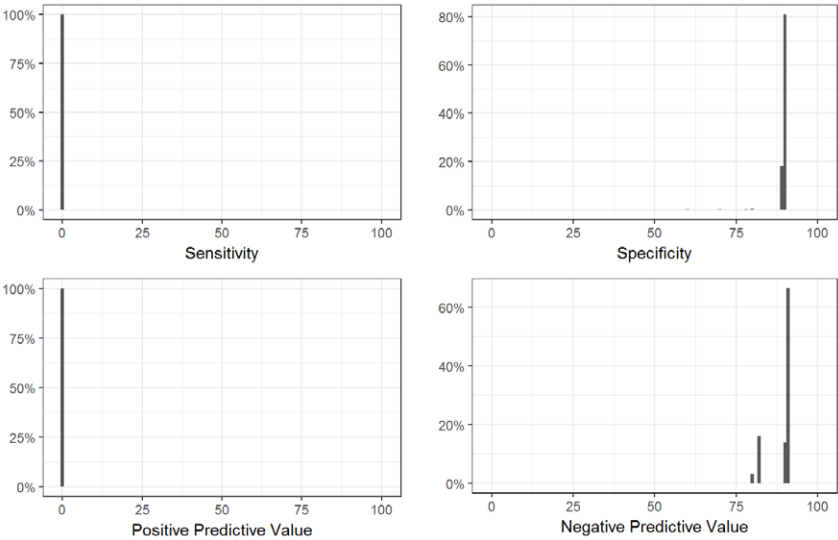
75 PARALYSIS



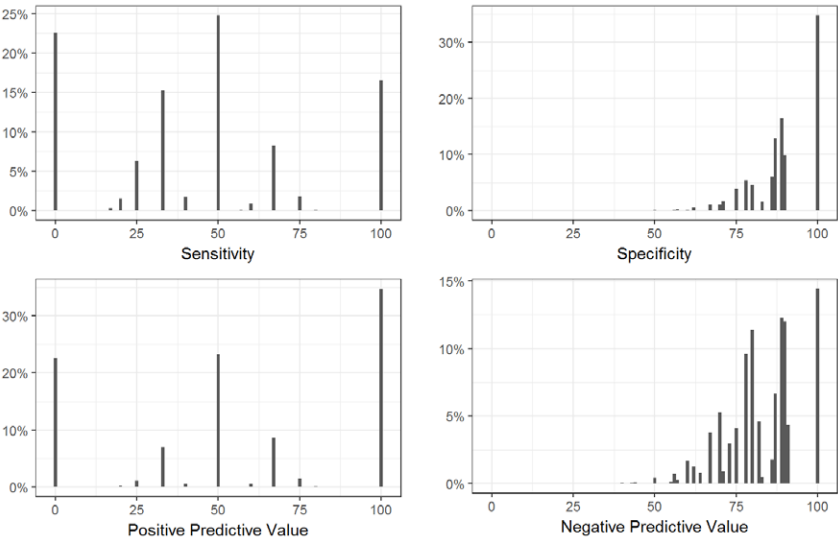
76 PARANOIA



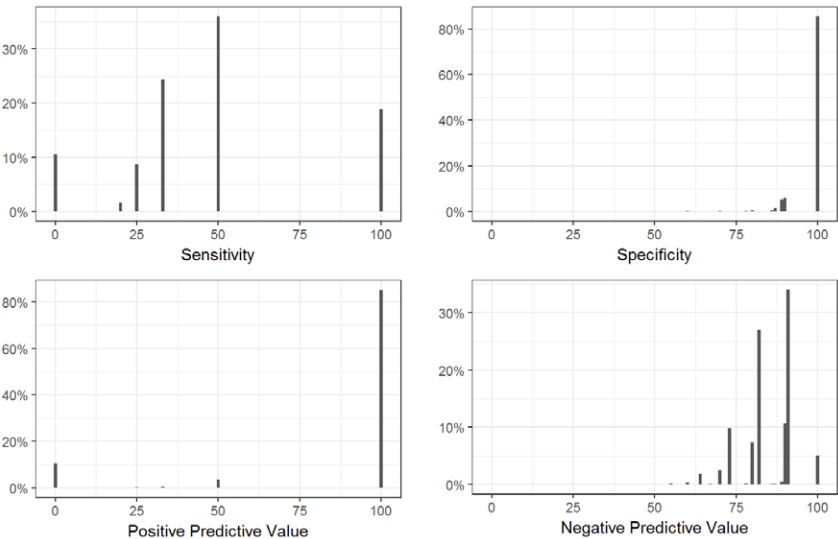
77 PHOTOSENSITIVITY REACTION



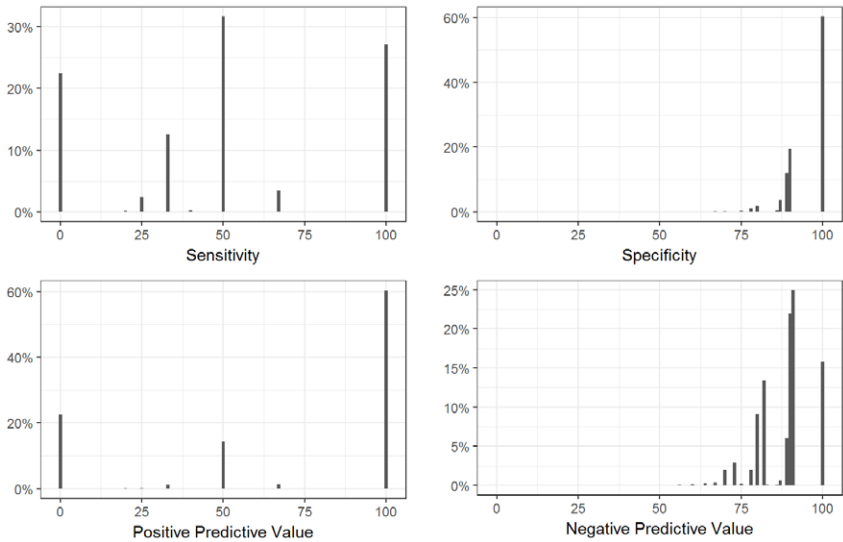
78 PNEUMONIA



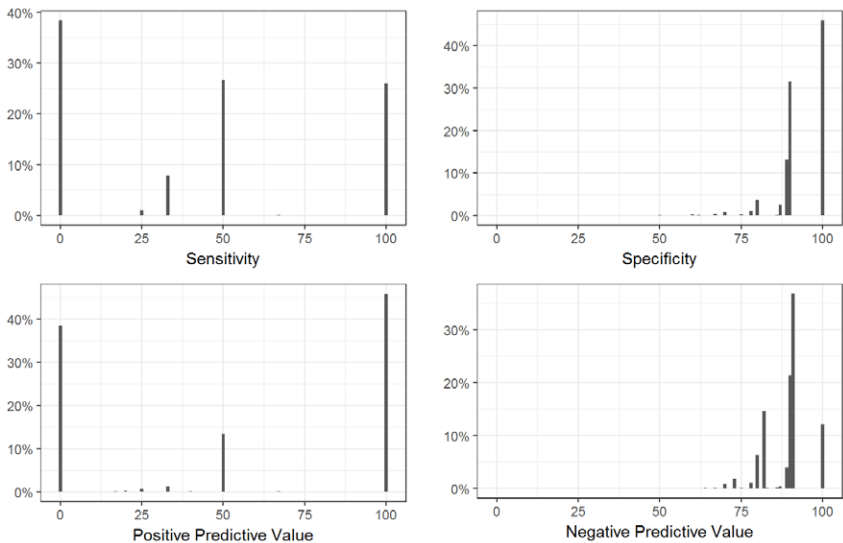
79 PROTEINURIA



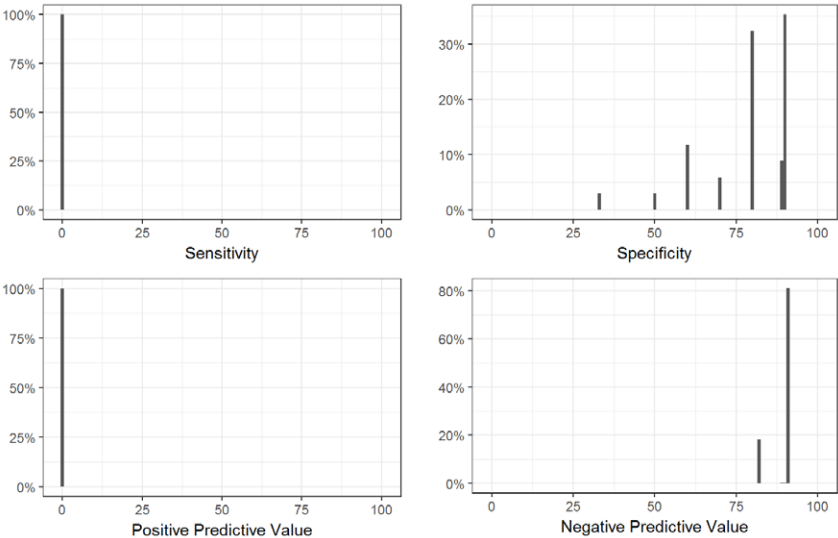
80 PULMONARY EMBOLISM



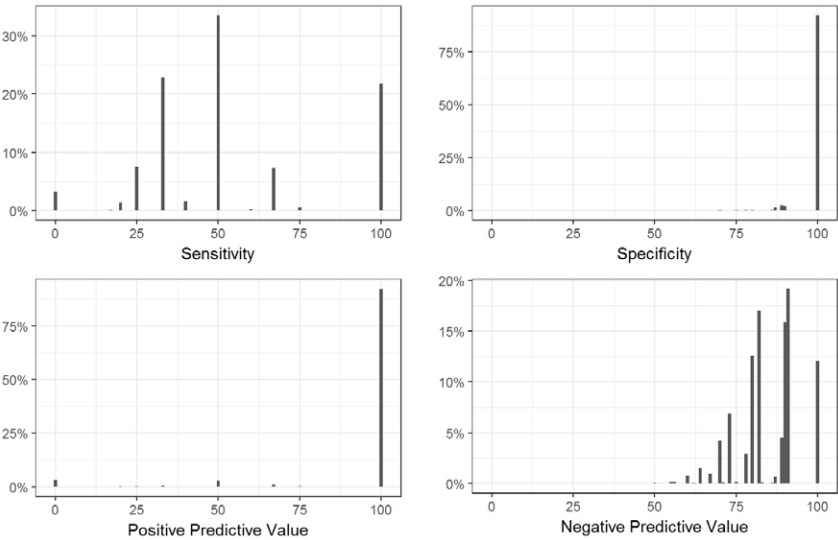
81 PULMONARY OEDEMA



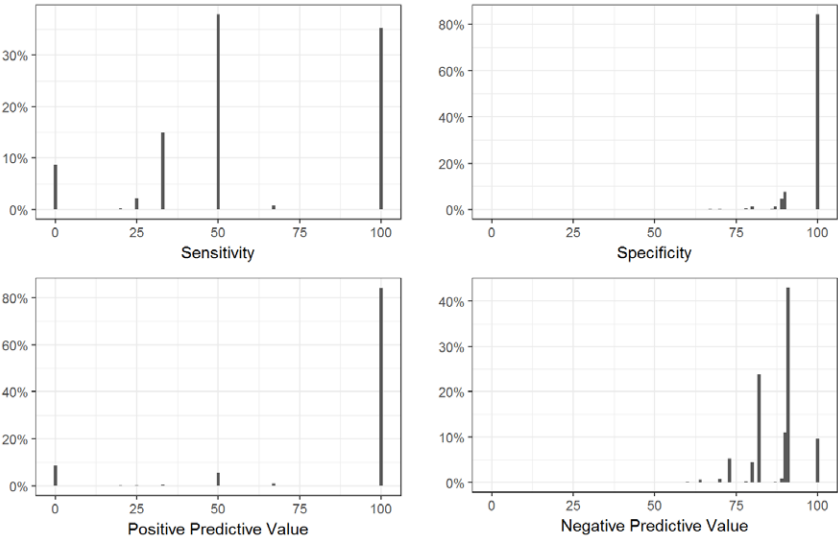
82 RECTAL HAEMORRHAGE



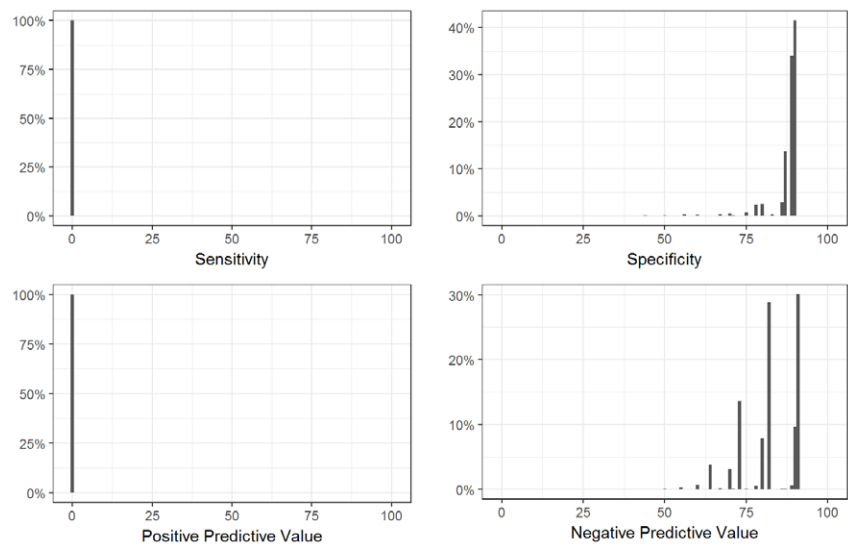
83 RENAL FAILURE



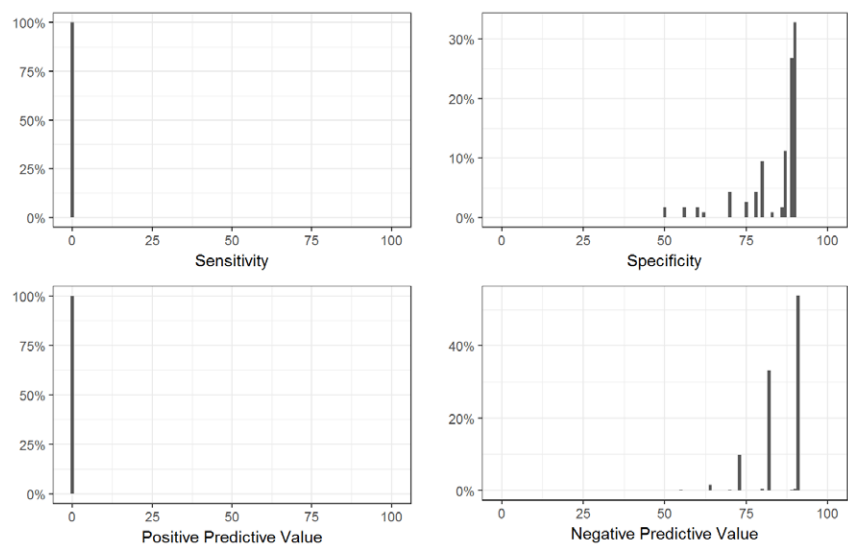
84 RENAL IMPAIRMENT



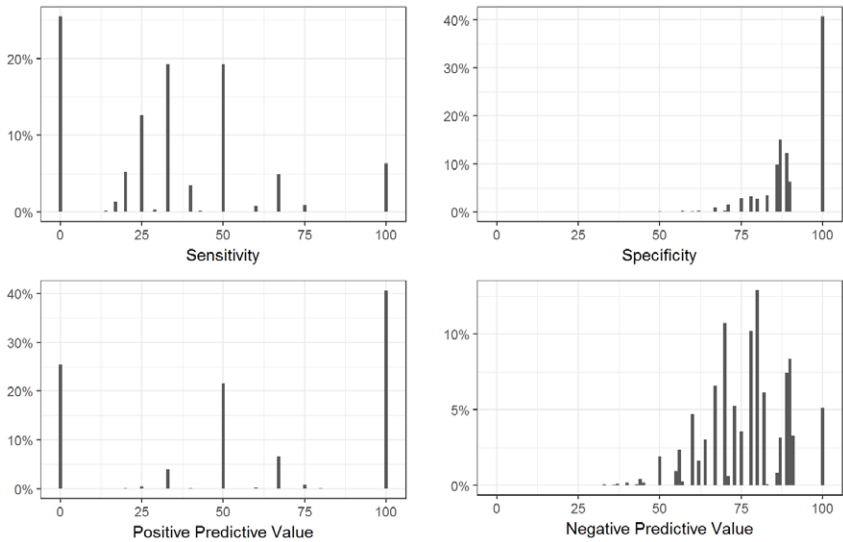
85 RESPIRATORY FAILURE



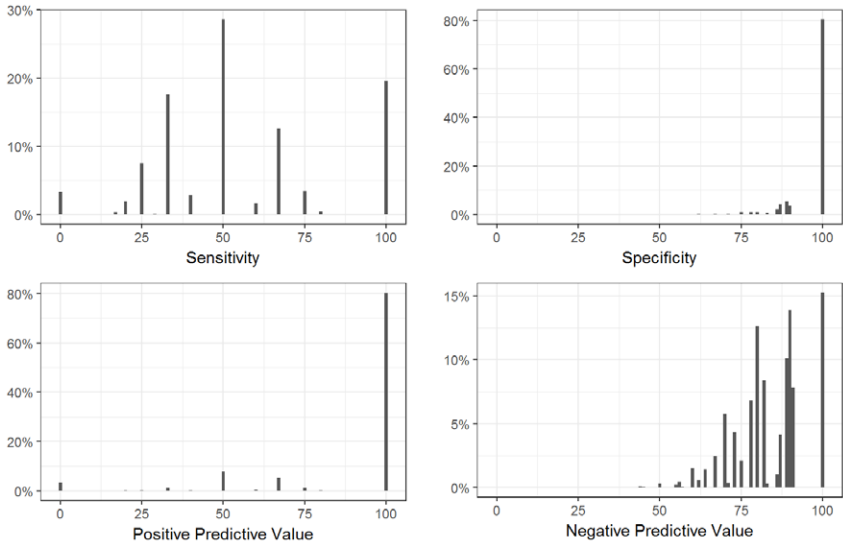
86 RHABDOMYOLYSIS



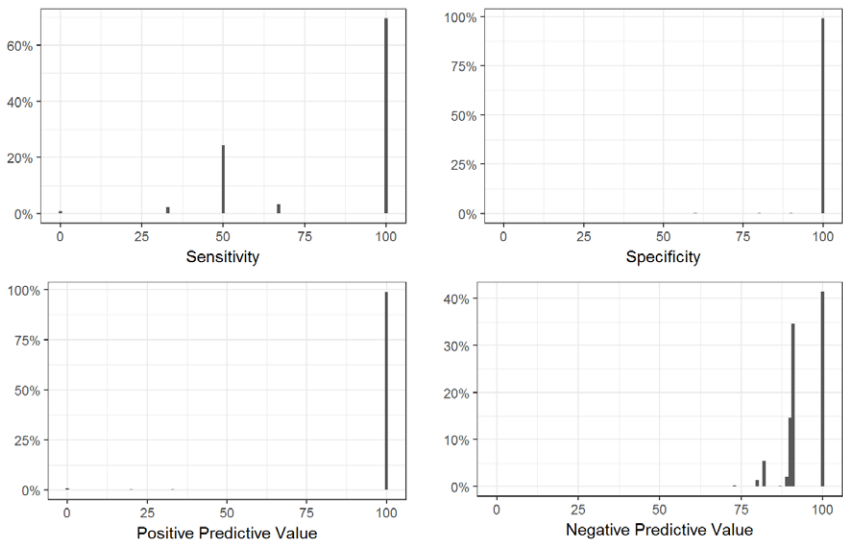
87 SEIZURE



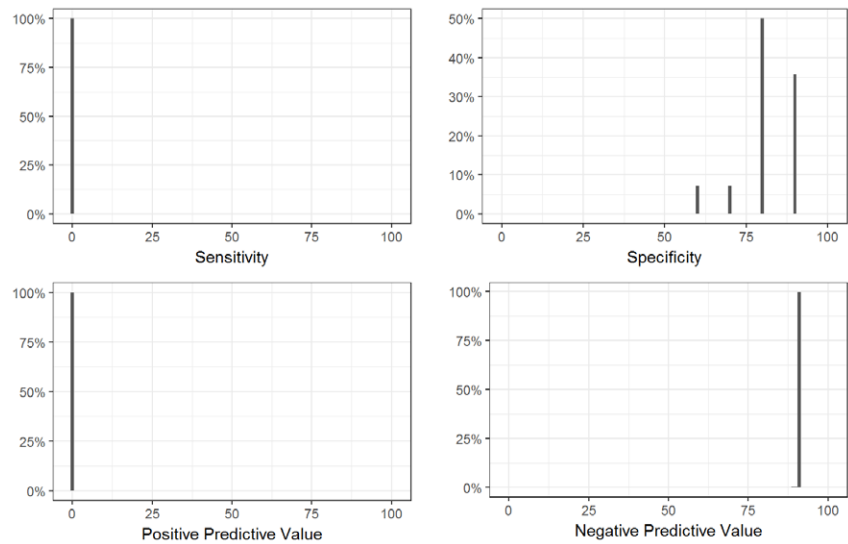
88 SEPSIS



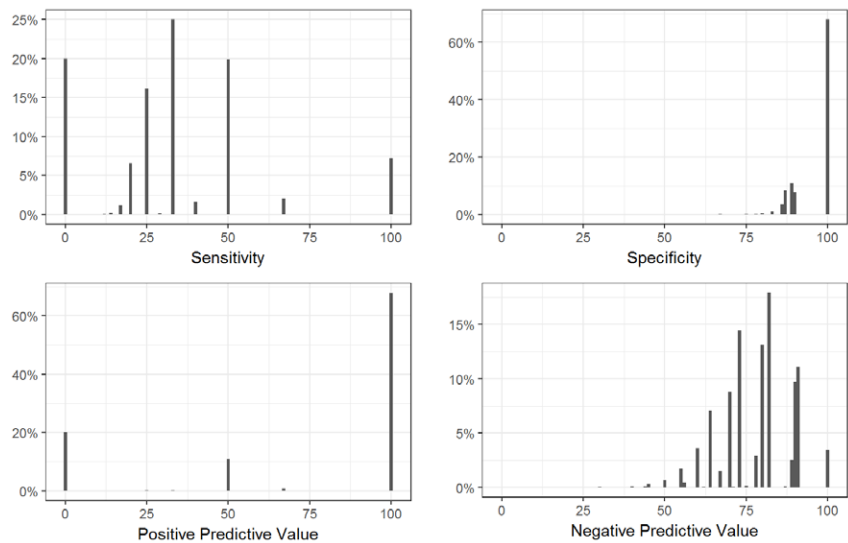
89 SEROTONIN SYNDROME



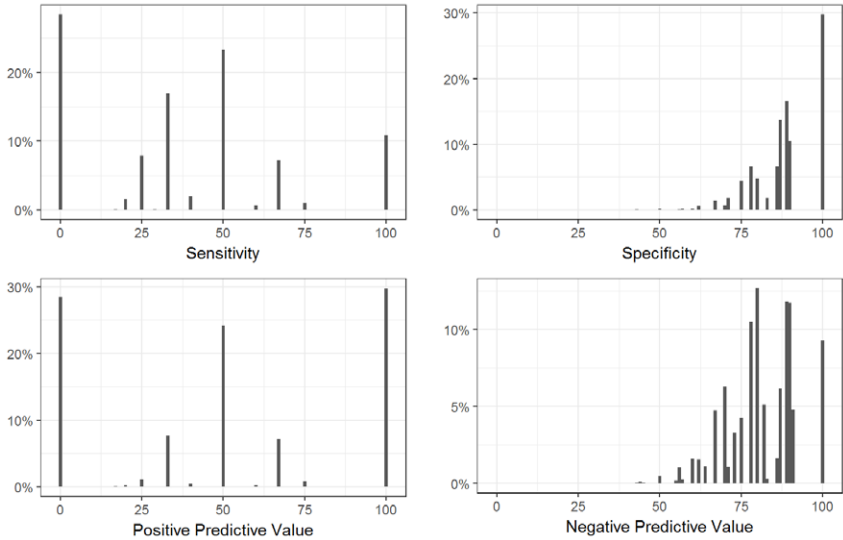
90 SLEEP DISORDER



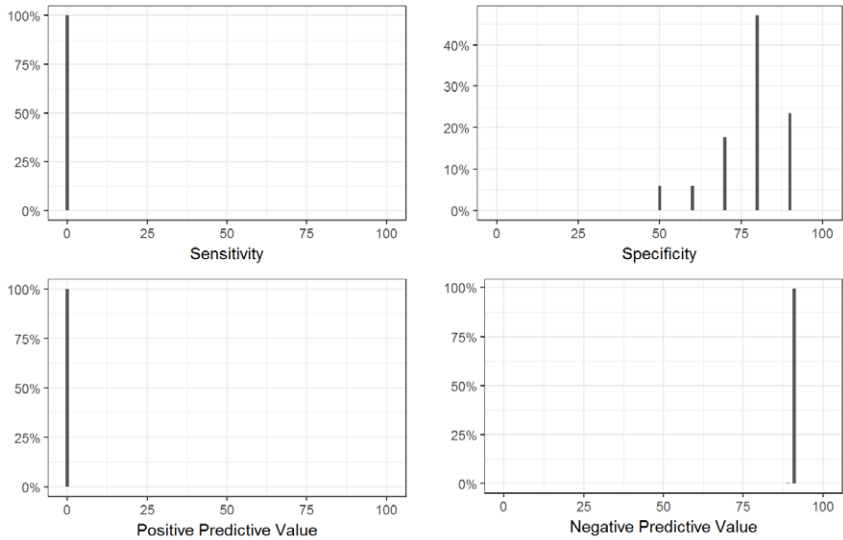
91 STEVENS-JOHNSON SYNDROME



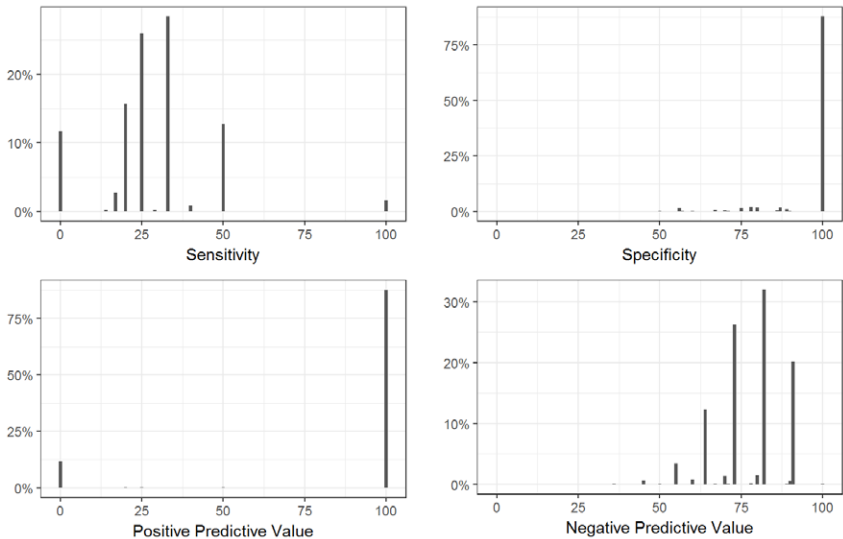
92 STOMATITIS



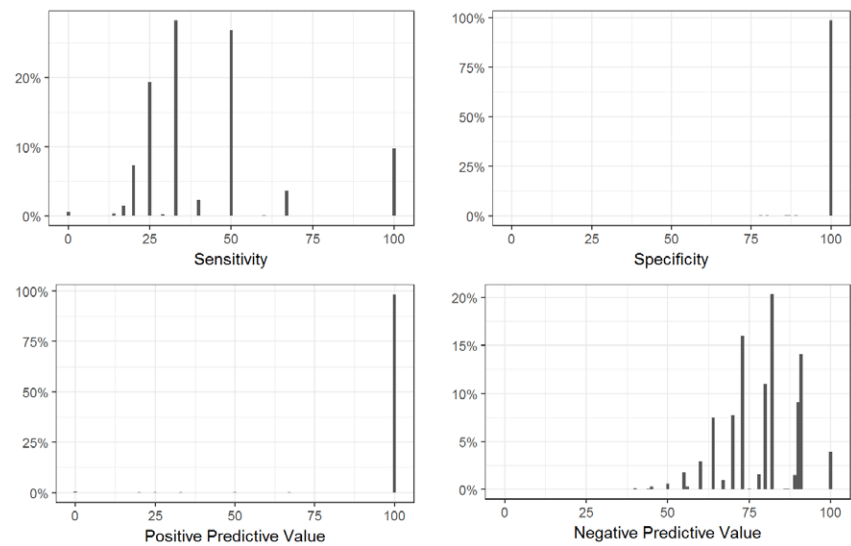
93 SUDDEN DEATH



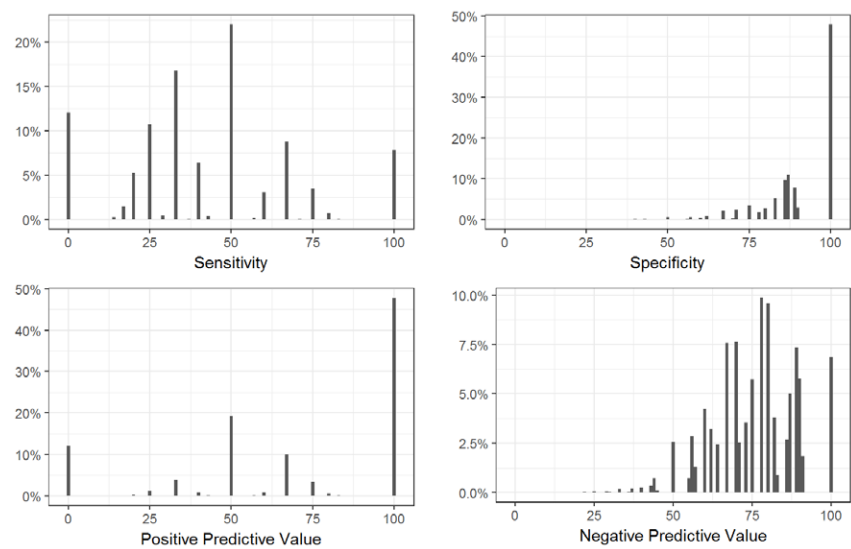
94 SUICIDAL BEHAVIOUR



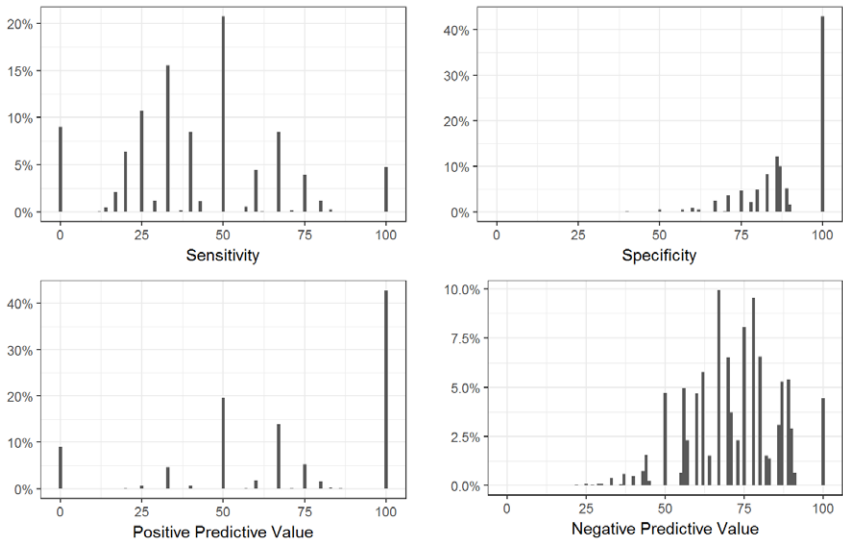
95 SUPRAVENTRICULAR TACHYCARDIA



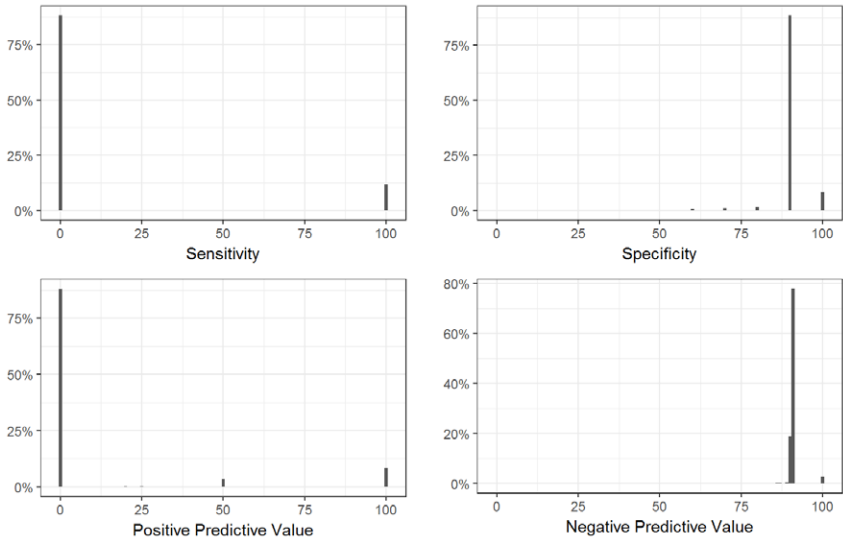
96 TACHYCARDIA



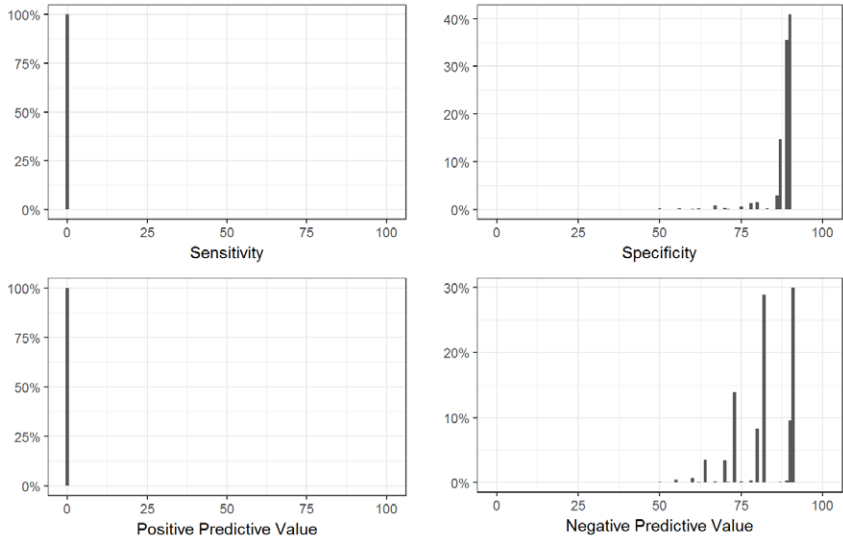
97 THROMBOCYTOPENIA



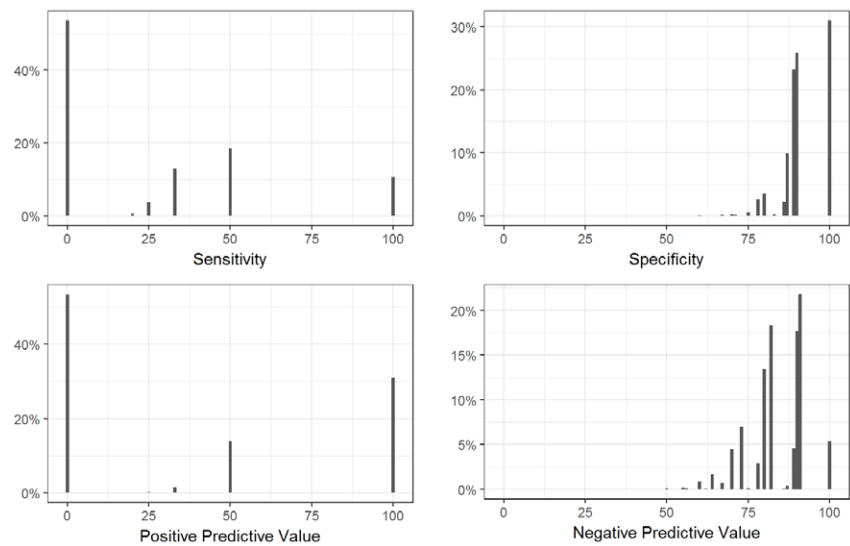
98 THROMBOPHLEBITIS



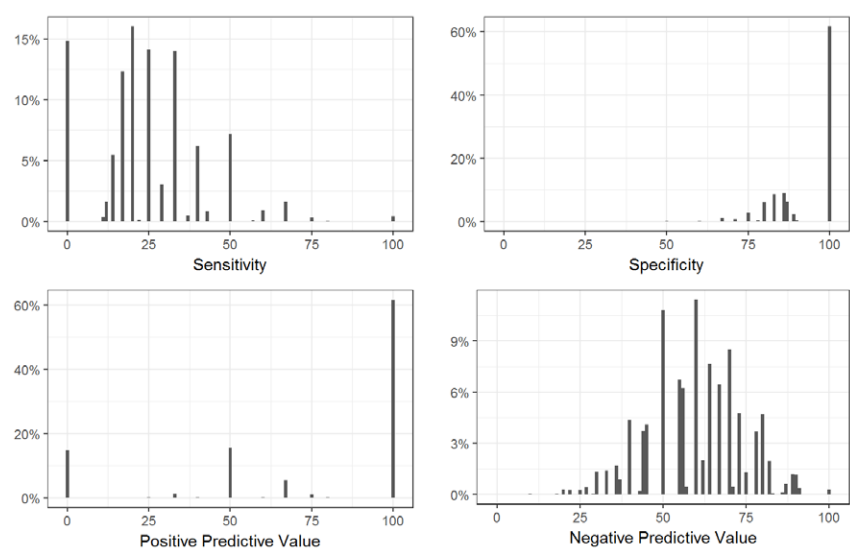
99 TINNITUS



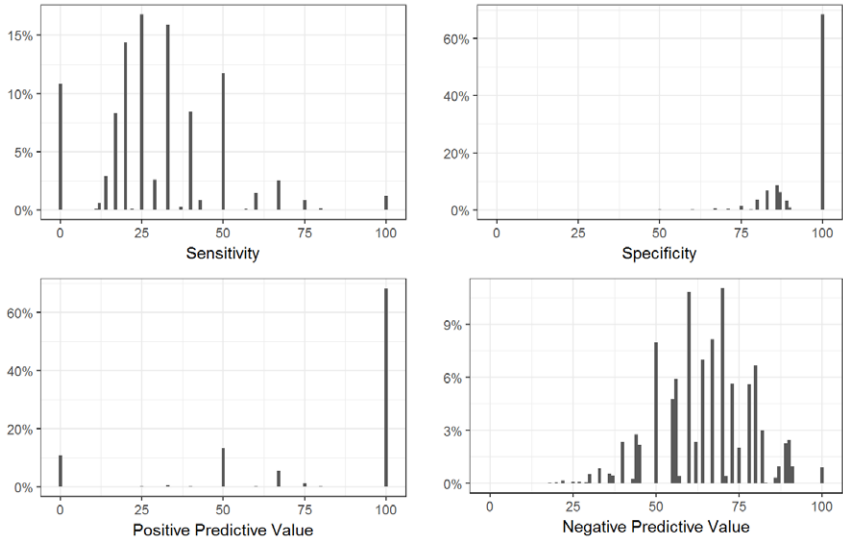
100 TOXIC EPIDERMAL NECROLYSIS



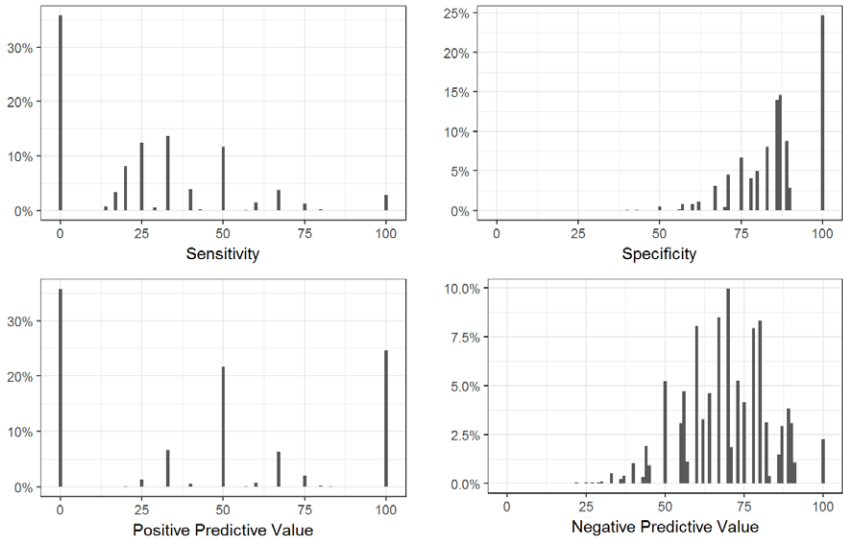
101 UPPER RESPIRATORY TRACT INFECTION



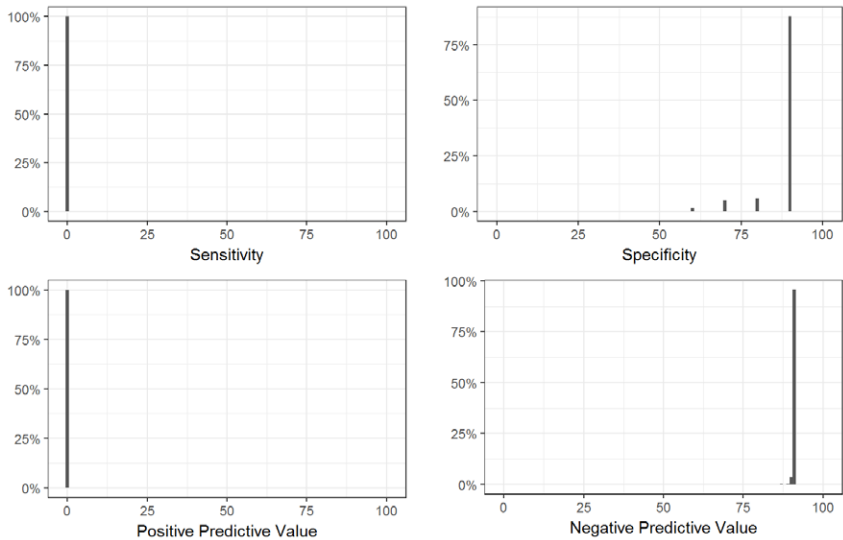
102 URINARY TRACT INFECTION



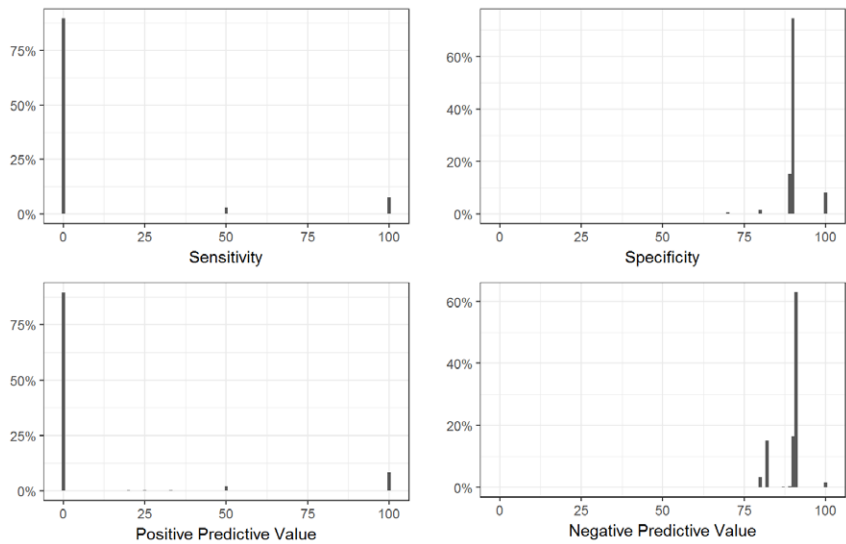
103 URTICARIA



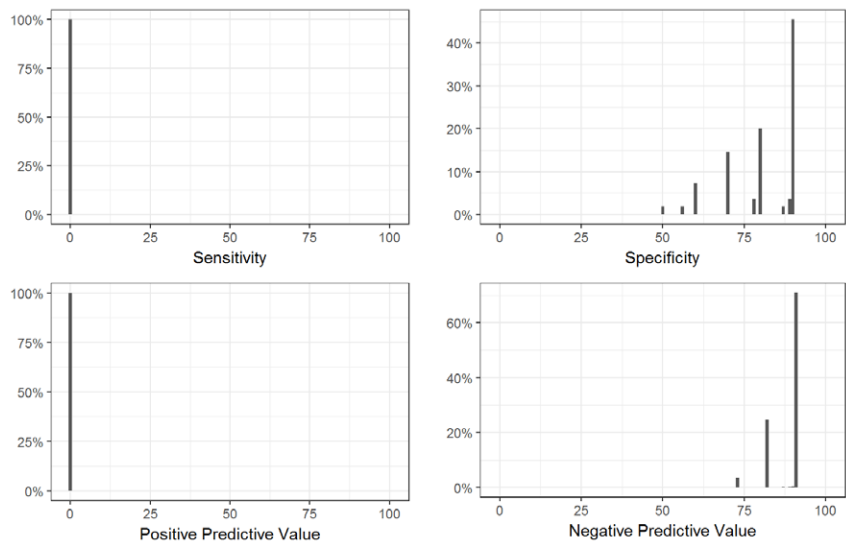
104 VAGINAL HAEMORRHAGE



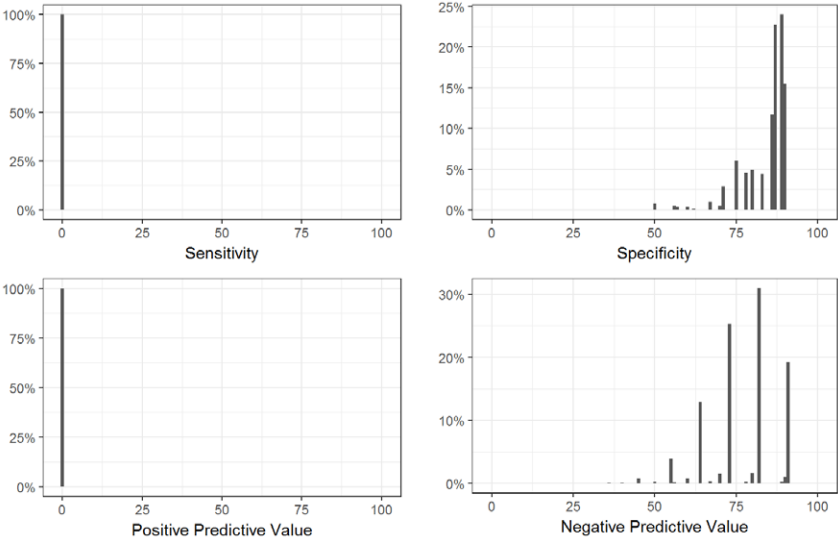
105 VASCULITIS



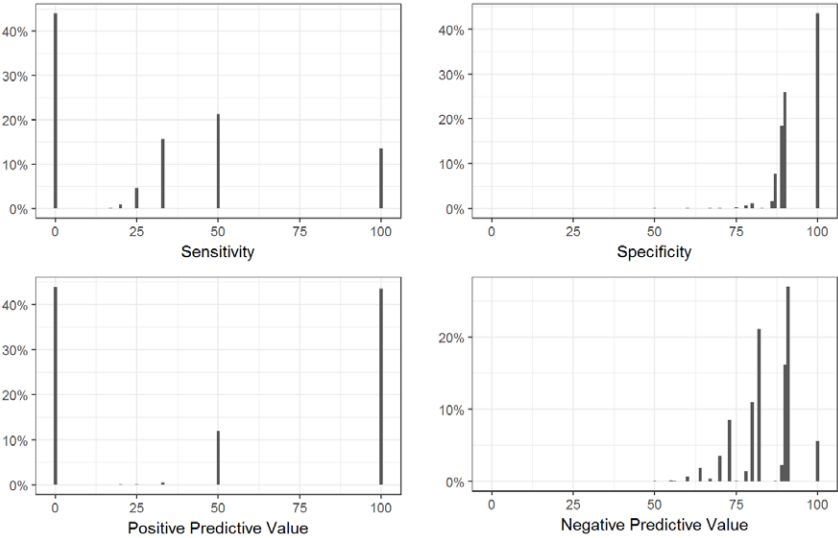
106 VENTRICULAR ARRHYTHMIA



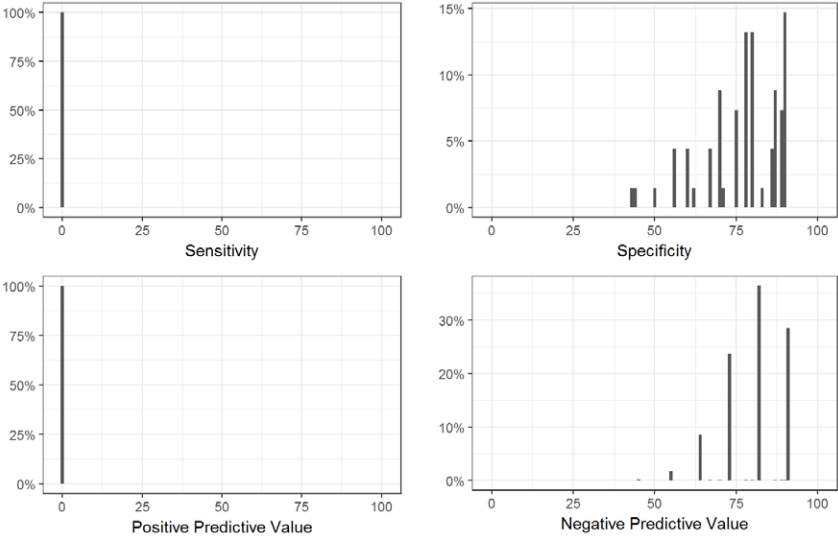
107 VISION BLURRED



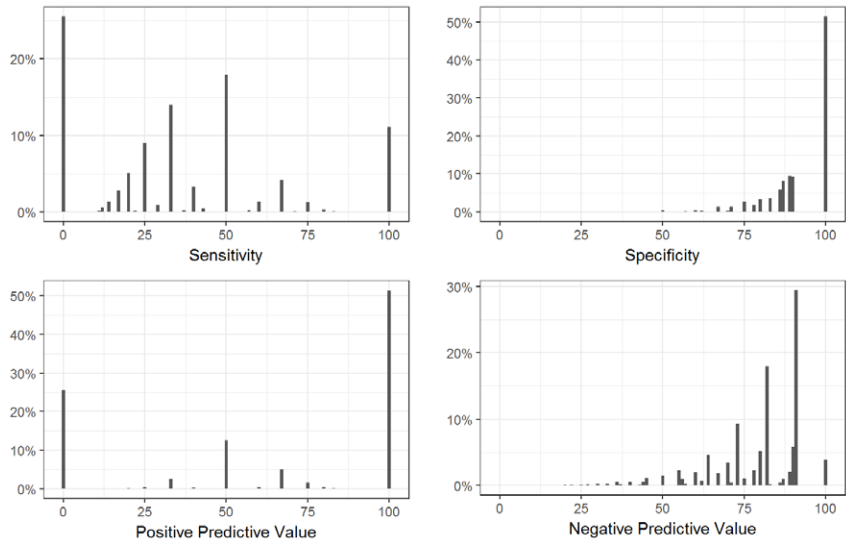
108 VISUAL IMPAIRMENT



109 WEIGHT INCREASED



110 Overall



Supplemental Table 1. The targets represented by 54 test drugs used in the study

Targets represented by 54 test drugs used in the study			
3-hydroxy-3-methylglutaryl-coenzyme a reductase	4-aminobutyrate aminotransferase, mitochondrial	5-hydroxytryptamine receptor 1a	5-hydroxytryptamine receptor 1b
5-hydroxytryptamine receptor 2a	5-hydroxytryptamine receptor 3a	5-hydroxytryptamine receptor 6	5-hydroxytryptamine receptor 7
alpha-1a adrenergic receptor	alpha-1b adrenergic receptor	alpha-1d adrenergic receptor	alpha-2a adrenergic receptor
alpha-2b adrenergic receptor	alpha-2c adrenergic receptor	androgen receptor	angiopoietin-1 receptor
beta-1 adrenergic receptor	beta-3 adrenergic receptor	b-lymphocyte antigen cd20	breakpoint cluster region protein
cgmp-specific 3',5'-cyclic phosphodiesterase	coagulation factor x	d(1a) dopamine receptor	d(2) dopamine receptor
d(3) dopamine receptor	d(4) dopamine receptor	delta-type opioid receptor	dihydrofolate reductase
dihydroorotate dehydrogenase (quinone), mitochondrial	dipeptidyl peptidase 4	discoidin domain-containing receptor 2	endothelin b receptor
endothelin-1 receptor	ephrin type-a receptor 2	estrogen receptor alpha	fibroblast growth factor 1
fibroblast growth factor receptor 1	fibroblast growth factor receptor 2	fibroblast growth factor receptor 3	fibroblast growth factor receptor 4
gamma-aminobutyric acid type b receptor subunit 1	glucagon-like peptide 1 receptor	Glucocerebroside	glutamate receptor 1
guanylate cyclase soluble subunit alpha-2	hepatocyte growth factor receptor	high affinity nerve growth factor receptor	histamine h1 receptor
integrase	interleukin-1 beta	kappa-type opioid receptor	lim domain kinase 1
mast/stem cell growth factor receptor kit	mitogen-activated protein kinase 11	muscarinic acetylcholine receptor m1	muscarinic acetylcholine receptor m2
muscarinic acetylcholine receptor m3	muscarinic acetylcholine receptor m4	muscarinic acetylcholine receptor m5	mu-type opioid receptor
nmda receptor	non-receptor tyrosine-protein kinase tyk2	nuclear receptor subfamily 1 group i member 2	p2y purinoceptor 12
platelet-derived growth factor receptor alpha	platelet-derived growth factor receptor beta	potassium channel subfamily k member 2	potassium voltage-gated channel subfamily h member 2
prostaglandin g/h synthase 2	proteasome subunit beta type-1	proteasome subunit beta type-10	proteasome subunit beta type-2
proteasome subunit beta type-5	proteasome subunit beta type-8	proteasome subunit beta type-9	protein cereblon
prothrombin	proto-oncogene tyrosine-protein kinase receptor ret	proto-oncogene tyrosine-protein kinase src	raf proto-oncogene serine/threonine-protein kinase
receptor tyrosine-protein kinase erbb-2	receptor-type tyrosine-protein kinase flt3	reverse transcriptase/rnaseh	serine/threonine-protein kinase b-raf
serine/threonine-protein kinase mtor	serine/threonine-protein kinase nek11	serine/threonine-protein kinase sik1	sh2b adapter protein 3
sodium channel protein type 1 subunit alpha	sodium-dependent noradrenaline transporter	sodium-dependent serotonin transporter	solute carrier family 6 member 2
somatostatin receptor type 1	somatostatin receptor type 2	somatostatin receptor type 3	somatostatin receptor type 5
synaptic vesicular amine transporter	thrombopoietin receptor	thymidylate synthase	t-lymphocyte activation antigen cd80
t-lymphocyte activation antigen cd86	tubulin alpha-4a chain	tubulin beta-1 chain	tumor necrosis factor
type-1 angiotensin ii receptor	tyrosine-protein kinase abl1	tyrosine-protein kinase frk	tyrosine-protein kinase itk/tsk
tyrosine-protein kinase jak1	tyrosine-protein kinase jak2	tyrosine-protein kinase jak3	tyrosine-protein kinase lck
tyrosine-protein kinase lyn	uric acid	vascular endothelial growth factor receptor 1	vascular endothelial growth factor receptor 2
vascular endothelial growth factor receptor 3	voltage-dependent l-type calcium channel subunit alpha-1c	voltage-dependent l-type calcium channel subunit alpha-1d	voltage-dependent l-type calcium channel subunit alpha-1f
voltage-dependent l-type calcium channel subunit alpha-1s	voltage-dependent l-type calcium channel subunit beta-1	voltage-dependent l-type calcium channel subunit beta-2	voltage-dependent l-type calcium channel subunit beta-3
voltage-dependent l-type calcium channel subunit beta-4		xanthine dehydrogenase/oxidase	