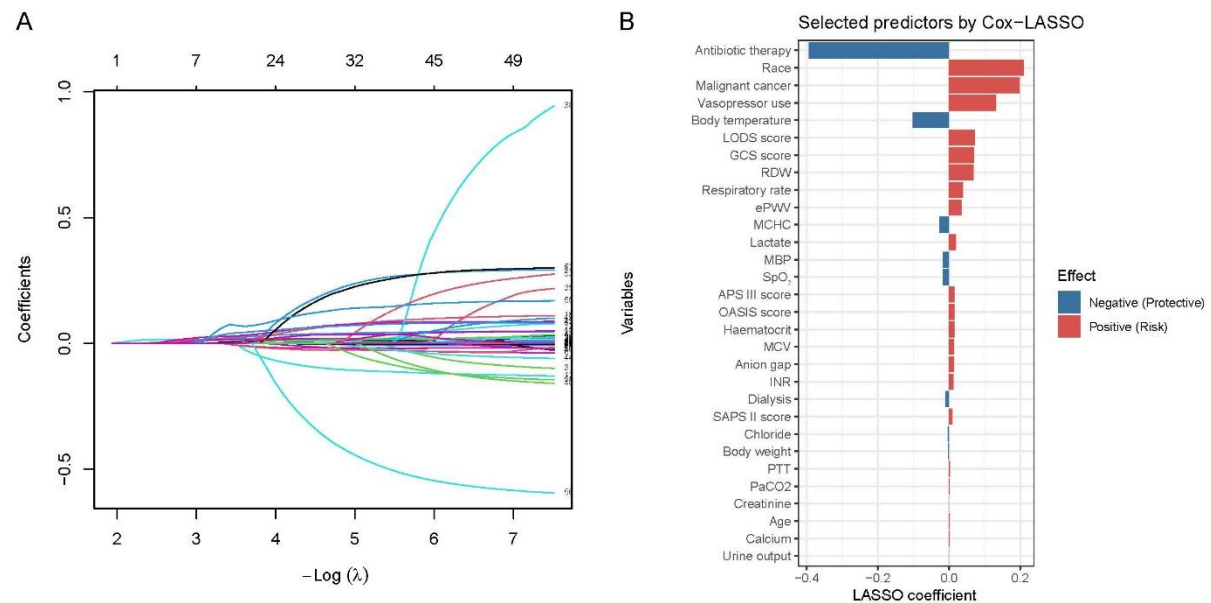


Fig. S1. Variable selection using Cox-LASSO regression. (A) LASSO coefficient path plot: shrinkage of predictor coefficients as the penalty parameter λ varies. (B) Coefficient distribution of selected predictors: retained variables and their coefficient directions at the optimal λ (λ_{1se}).



APS III: acute physiology and chronic health evaluation III; ePWV: estimated pulse wave velocity; GCS: Glasgow coma scale; INR: international normalized ratio; LASSO: least absolute shrinkage and selection operator; LODS: logistic organ dysfunction score; MBP: mean blood pressure; MCHC: mean corpuscular haemoglobin concentration; MCV: mean corpuscular volume; OASIS: Oxford acute severity of illness score; PTT: partial thromboplastin time; RDW: red cell volume distribution width; SAPS II: simplified acute physiology score II