

Supplementary Material to: Ding X, Wei C, Cai S, et al. Association of estimated pulse wave velocity with 28-day mortality in sepsis: A MIMIC-IV study. *Ann Acad Med Singap* 2026;55:OnlineFirst.

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**Table. S2. Variance inflation factor of variables for multivariate Cox regression.**

Characters	VIF	Characters	VIF
ePWV	1.314	INR	2.782
Sex	1.071	PT (s)	2.808
Race	1.035	Sodium	1.661
Marital status	1.043	BUN	1.467
Heart rate	1.200	WBC	1.036
Breath rate	1.207	RBC	8.349
Temperature	1.148	MCH	5.645
SpO <sub>2</sub>	1.190	MCHC	2.808
Glucose	1.006	MCV	4.429
SAPS II	2.314	RDW	1.262
SOFA	2.178	Creatinine	1.632
APS III	2.364	Invasive ventilation	1.268
Anion gap	1.888	Dialysis	1.230
Bicarbonate	2.020	Vasopression	1.276
Chloride	1.868	Antibiotics	1.039
Haematocrit	7.564	Congestive heart failure	1.125
Haemoglobin	9.205	Peripheral vascular disease	1.034
Platelet	1.172	Chronic pulmonary disease	1.041
Potassium	1.132	Renal disease	1.183
PTT (s)	1.071	Malignant cancer	1.110

APS III: Acute Physiology and Chronic Health Evaluation III; BUN: blood urea nitrogen; ePWV: estimated pulse wave velocity; INR: International Normalized Ratio; MCH: mean corpuscular haemoglobin; MCHC: mean corpuscular haemoglobin concentration; MCV: mean corpuscular volume; PT: prothrombin time; PTT: partial thromboplastin time; RBC: red blood cell; RDW: red cell volume distribution width; SAPS II: Simplified Acute Physiology Score II; SOFA: Sequential Organ Failure Assessment; VIF: variance inflation factor; WBC: white blood cell