

Supplementary Table 4. Multivariable linear regression analysis of the DSI and lactate values for vasopressor requirement in the derivation cohort

Variable	Coefficient (95% CI)	Standard error	P-value
Model 1^{a)}			
DSI at hypotension	0.300 (0.248 to 0.352)	0.026	<0.001
Lactate	0.264 (0.212 to 0.315)	0.026	<0.001
DSI after fluid	0.243 (0.186 to 0.301)	0.023	<0.001
Lactate	0.323 (0.265 to 0.382)	0.023	<0.001
Model 2^{b)}			
DSI at hypotension	0.123 (0.087 to 0.160)	0.019	<0.001
Lactate	0.053 (0.015 to 0.092)	0.020	0.006
DSI after fluid	0.140 (0.098 to 0.183)	0.022	<0.001
Lactate	0.039 (-0.043 to 0.082)	0.022	0.078

DSI, diastolic shock index; CI, confidence interval.

^{a)}Model 1 included the DSI and lactate value. ^{b)}Age, sex, hypertension, diabetes, infection focus, bacteremia, Sequential Organ Failure Assessment score, and respiratory rate were adjusted in model 2.