

Table 1. Linear mixed-effects model for prediction of change in SBP from baseline at the next minute.

Parameter	Beta (95% CI)	P value
Intercept	35 (27.1, 42.9)	<0.001
Age (per 5 year increase)	-0.3 (-0.7, 0.2)	0.198
BMI (per 5 kg/m ² increase)	-0.2 (-0.6, 0.1)	0.224
Mean baseline SBP (per 1 mmHg increase)	-0.3 (-0.3, -0.2)	<0.001
Mean baseline HR (per 10 bpm increase)	-0.5 (-0.8, -0.2)	<0.001
Bupivacaine in spinal (per 1 mL increase)	-0.1 (-3.6, 3.4)	0.963
Change in SBP from baseline (per 1 mmHg increase)	0.6 (0.6, 0.6)	<0.001
Vasopressor dose (per 10 mcg increase)	0.4 (0.3, 0.4)	<0.001

Marginal pseudo-R² (variance explained by fixed effects) = 0.677

Conditional pseudo-R² (variance explained by entire model) = 0.709