

Table 3. Bivariate analysis of in-hospital mortality by bolus fluid volume, maintenance fluid volume, drug-line fluid volume, and total fluid volume

Variable	Proportion with in-hospital mortality	Unadjusted OR (95% CI)	p-value
Bolus fluid volume (mL/kg)			
<15	16/2583 (0.62%)		
≥15-25	12/1221 (0.98%)	1.59 (0.75 to 3.38)	0.225
>25-35	5/257 (1.95%)	3.18 (1.16 to 8.76)	0.025
>35-45	7/152 (4.61%)	7.75 (3.14 to 19.12)	<0.001
>45-55	4/41 (9.76%)	17.34 (5.53 to 54.38)	<0.001
>55	5/50 (10.00%)	21.88 (8.17 to 58.55)	<0.001
Maintenance fluid volume (mL/kg)			
<15	13/813 (1.60%)		
≥15-25	9/835 (1.08%)	0.67 (0.29 to 1.58)	0.360
>25-35	8/773 (1.04%)	0.64 (0.27 to 1.56)	0.330
>35	19/2071 (0.92%)	0.57 (0.28 to 1.16)	0.121
Drug Line fluid volume (mL/kg)			
<15	13/1039 (1.25%)		
≥15-25	2/189 (1.06%)	0.84 (0.19 to 3.77)	0.824
>25	6/159 (3.77%)	3.10 (1.16 to 8.26)	0.024
Total fluid volume (mL/kg)			
<15	5/905 (0.55%)		
≥15-25	8/699 (1.14%)	2.08 (0.68 to 6.40)	0.200
>25-35	8/681 (1.18%)	2.14 (0.70 to 6.57)	0.184
>35-45	9/772 (1.17%)	2.12 (0.71 to 6.36)	0.179
>45-55	5/621 (0.81%)	1.46 (0.42 to 5.07)	0.550
>55	23/1667 (1.38%)	2.52 (0.95 to 6.65)	0.062