

Supplemental Table 1. Sensitivity analysis model I: mixed effects logistic regression

Independent variables	Epoch 2: Surgical Preparation	
	Adjusted Odds Ratio (95% CI)	P-value
Fluid fasting time		
< 4 hours	Reference	
4 to 8 hours	1.30 (1.05-1.61)	0.015
8 to 12 hours	1.10 (0.86-1.40)	0.450
> 12 hours	1.28 (1.05-1.58)	0.017
Age groups		
< 6 months	1.78 (0.52-6.1)	0.359
6 months to 1 year	1.06 (0.59-1.90)	0.848
1 year	Reference	
2 to 5 years	1.11 (0.74-1.68)	0.614
6 to 11 years	1.91 (1.29-2.85)	0.001
12 to 18 years	5.2 (3.48-7.7)	< 0.0001
Sex		
Male vs. female	1.06 (0.92-1.23)	0.410
Race/ethnicity		
Black	Reference	
White	0.93 (0.77-1.13)	0.489
Hispanic	1.27 (0.96-1.68)	0.099
Asian & Pacific Islander	0.84 (0.57-1.26)	0.409
Others	1.00 (0.76-1.32)	0.999
ASA Physical Status		
ASA I	0.51 (0.40-0.64)	< 0.0001
ASA II	0.60 (0.48-0.74)	< 0.0001
ASA III-IV	Reference	
Anesthesia induction time		
7am-12pm vs. 12-6pm	1.13 (0.96-1.33)	0.141
Medication		
Propofol vs. no	1.22 (1.03-1.45)	0.021
Opioids vs. no	1.20 (1.02-1.42)	0.031
Neuraxial anesthesia vs. no	1.19 (0.97-1.46)	0.102
Muscle relaxant vs. no	0.87 (0.66-1.14)	0.298
Baseline systolic blood pressure (mmHg)		
	0.98 (0.97-0.99)	< 0.0001

Supplemental Table 2. Sensitivity analysis model II: mixed effects logistic regression

Independent variables	Epoch 2: Surgical Preparation	
	Adjusted Odds Ratio (95% CI)	P-value
Fluid fasting time		
< 4 hours	Reference	
4 to 6 hours	1.27 (1.02-1.59)	0.038
6 to 8 hours	1.55 (1.13-2.13)	0.007
8 to 10 hours	0.99 (0.69-1.42)	0.952
10 to 12 hours	1.16 (0.88-1.52)	0.287
12 to 14 hours	1.33 (1.03-1.71)	0.026
> 14 hours	1.28 (1.01-1.62)	0.043
Age groups		
< 6 months	1.80 (0.52-6.2)	0.350
6 months to 1 year	1.06 (0.59-1.91)	0.842
1 year	Reference	
2 to 5 years	1.11 (0.74-1.68)	0.607
6 to 11 years	1.92 (1.29-2.86)	0.001
12 to 18 years	5.2 (3.50-7.8)	< 0.0001
Sex		
Male vs. female	1.06 (0.92-1.23)	0.405
Race/ethnicity		
Black	Reference	
White	0.93 (0.77-1.13)	0.483
Hispanic	1.26 (0.95-1.68)	0.103
Asian & Pacific Islander	0.84 (0.56-1.26)	0.404
Others	1.00 (0.76-1.32)	0.999
ASA Physical Status		
ASA I	0.51 (0.40-0.64)	< 0.0001
ASA II	0.60 (0.48-0.74)	< 0.0001
ASA III-IV	Reference	
Anesthesia induction time	1.13 (0.95-1.34)	0.170
7am-12pm vs. 12-6pm		
Medication		
Propofol vs. no	1.22 (1.03-1.45)	0.021
Opioids vs. no	1.21 (1.02-1.42)	0.028
Neuraxial anesthesia vs. no	1.19 (0.97-1.46)	0.098
Muscle relaxant vs. no	0.86 (0.66-1.13)	0.294
Baseline systolic blood pressure (mmHg)	0.98 (0.97-0.99)	< 0.0001

