

**Supplementary Table 1.** Multivariable logistic regression analysis of outcome by ambulance type  
(advanced airway management)

Advanced airway management	Outcome	Model I		Model II	
		OR	95% CI	OR	95% CI
<b>Endotracheal intubation</b>					
Total (n=1,246)	1,195 (95.91)	-	-	-	-
DA (n=866)	840 (97.00)	1.00	Reference	1.00	Reference
SALS (n=25)	23 (92.00)	0.33	0.07–1.48	0.12	0.02–0.67
Non-DA (n=355)	332 (93.52)	0.43	0.24–0.77	0.46	0.24–0.89
<b>Supraglottic airway</b>					
Total (n=16,038)	15,225 (94.93)	-	-	-	-
DA (n=6,383)	6,135 (96.11)	1.00	Reference	1.00	Reference
SALS (n=2,507)	2,329 (92.9)	0.53	0.43–0.64	0.51	0.42–0.63
Non-DA (n=7,148)	6,761 (94.59)	0.70	0.60–0.83	0.85	0.72–1.01

Model I adjusted for age and sex. Model II adjusted for age, sex, season, witness, place, metropolitan area, response time interval, scene time interval, bystander cardiopulmonary resuscitation, primary electrocardiogram, and epinephrine.

OR, odds ratio; CI, confidence interval; ALS, Advanced Life Support; SALS, smartphone-based ALS ambulance; DA, dedicated ALS ambulance.