

Supplementary Table 1. Interaction analysis by proportion of number of second-contact EMS crews across number of first-contact EMS crews and clinical outcomes

Variable	Adjusted odds ratio (95% confidence interval)		
	Good neurologic recovery	Survival to discharge	Prehospital ROSC
Three EMS providers in second-contact EMS			
Three EMS providers in first-contact EMS	1.07 (1.00–1.15)	1.12 (1.05–1.20)	1.18 (1.12–1.26)
Two EMS providers in first-contact EMS	1.00	1.00	1.00
Two EMS providers in second-contact EMS			
Three EMS providers in first-contact EMS	1.36 (1.19–1.54) ^{a)}	1.22 (1.13–1.31)	1.35 (1.26–1.46) ^{a)}
Two EMS providers in first-contact EMS	1.00	1.00	1.00

Odd ratios were calculated adjusting for age group, gender, public place, metropolitan area, witness status, dispatcher recognition, bystander cardiopulmonary resuscitation, initial electrocardiogram rhythm, response time interval, time interval between EMS units arrival, transport time interval, number and level of second contact EMS crew, and level of emergency department.

EMS, emergency medical services; ROSC, return of spontaneous circulation.

^{a)}P-value for interaction effect below 0.05.