Table 3. Univariate and multivariate analysis for severe injury

	Unadjusted analysis		Adjusted analysis	
	OR (95% CI)	P value	Adjusted OR (95% CI)	
School-going age (≥7 years)	2.53 (2.25–2.86)	**<0.001**	1.49 (1.25–1.77)	**<0.001**
Male sex	1.04 (0.92–1.18)	0.518		
Weight ≥30kg	2.54 (2.26–2.86)	**<0.001**	1.83 (1.55–2.18)	**<0.001**
Ethnicity				
Chinese	Ref		Ref	
Malay	1.19 (1.02–1.38)	**0.026**	1.19 (1.01–1.39)	**0.035**
Indian	1.30 (1.11–1.51)	**0.001**	1.30 (1.10–1.53)	**0.002**
Others	0.79 (0.66–0.95)	**0.012**	0.83 (0.69–1.01)	0.058
Mechanism of injury				
Vehicular collision	0.28 (0.14–0.50)	**<0.001**	0.36 (0.18–0.66)	**0.002**
Place of injury				
Home	Ref		Ref	
Public places	2.33 (1.94–2.81)	**<0.001**	1.86 (1.53–2.26)	**<0.001**
Road	0.97 (0.73–1.30)	0.859	0.86 (0.63–1.18)	0.362
School/childcare centres	2.48 (1.65–3.72)	**<0.001**	1.21 (0.77–1.91)	0.403
Others	1.70 (1.43–2.05)	**<0.001**	1.41 (1.16–1.71)	**0.001**
Mode of arrival				
Emergency ambulance	0.86 (0.71–1.04)	0.132		
Type of device				
Bicycle	Ref		Ref	
Scooter	1.06 (0.93–1.21)	0.369	1.29 (1.12–1.49)	**<0.001**
Skateboard, waveboard	2.41 (1.94–3.01)	**<0.001**	1.86 (1.48–2.35)	**<0.001**
Inline skate	4.26 (3.20–5.72)	**<0.001**	3.37 (2.48–4.61)	**<0.001**
Tricycle	0.74 (0.51–1.05)	0.102	1.32 (0.89–1.92)	0.163

CI: confidence interval; OR: odds ratio