

Table 4. Multiple binary logistic analysis of variables predicting post-traumatic stress disorder (backward logistic regression analysis)

	OR	95% CI for EXP(B)		P
		Lower	Upper	
Psychological resilience ↑	0.985	0.978	0.992	<0.001
Gender (male: ref, female)	2.247	1.655	3.050	<0.001
Smoking				
Never (ref)	-	-	-	-
Quitted	1.504	0.936	2.417	0.092
Currently smoking	1.711	1.248	2.346	<0.001
Sleep disturbances ↑	1.588	1.295	1.947	<0.001
Chronic disease	1.920	1.361	2.708	<0.001
Being trapped under rubble	2.111	0.928	4.804	0.075
Loss of a first-degree relative	1.916	1.066	3.446	0.030
Current shelter				
Own house (ref)	-	-	-	-
Tent/container	4.623	2.895	7.385	<0.001
Dormitory	1.208	0.873	1.671	0.255
Someone else's house	1.922	1.242	2.975	0.003
Post-earthquake future anxiety	2.648	1.712	4.097	<0.001
Socioeconomic status ↓	1.392	1.166	1.662	<0.001

Model analysis of variance $P < 0.001$; χ^2 log-likelihood: 1227.137; Cox & Snell $R^2 = 0.229$; Nagelkerke $R^2 = 0.306$; Hosmer and Lemeshow test: $P = 0.964$ ($\chi^2 = 2.448$); CI = confidence interval; OR = odds ratio