

Table 2. Characteristics of oncology admissions by emergency department over a 6-month period with multivariable logistic regression for ≤ 2 days

	Length of stay (days)			P value	Multivariate logistic regression for length of stay ≤ 2 days		
	≤ 1 day (n=99)	1–2 days (n=298)	>2 days (n=1227)		Odds ratio	95% confidence interval	P value
Age, mean (SD), years	61.2 (13.5)	62.3 (12.2)	64.1 (12.3)	0.010 ^b	0.99	0.97–0.99	0.003 ^c
Male, no. (%)	48 (48.5)	152 (51.0)	586 (47.8)	0.603	1.27	0.94–1.72	0.114
Ethnicity, no. (%)	(Reference: Chinese)						
Chinese	79 (79.8)	234 (78.5)	963 (78.5)	0.242			
Indian	4 (4.0)	11 (3.7)	76 (6.2)		0.46	0.23–0.92	0.028
Malay	8 (8.1)	28 (9.4)	123 (10.0)		0.72	0.44–1.16	0.173
Others	8 (8.1)	25 (8.4)	65 (5.3)		1.45	0.84–2.52	0.185
Office hours visit (weekdays 8am–5pm), no. (%)	30 (30.3)	107 (35.9)	464 (37.8)	0.300	0.78	0.59–1.04	0.096
Triage category, no. (%)	(Reference: Priority 3)						
Priority 1	30 (30.3)	70 (23.5)	306 (24.9)	0.402	1.07	0.63–1.80	0.805
Priority 2	61 (61.6)	203 (68.1)	843 (68.7)		0.72	0.46–1.14	0.164
Priority 3	8 (8.1)	25 (8.4)	78 (6.4)				
National Early Warning Score ^a , no. (%)	(Reference: NEWS = 0)						
0	18 (25.0)	57 (25.6)	149 (16.2)	0.006 ^c			
1–2	37 (51.4)	98 (44.0)	426 (46.4)		0.55	0.39–0.79	0.001 ^c
3–4	8 (11.1)	46 (20.6)	221 (24.1)		0.40	0.26–0.62	<0.001 ^c
≥ 5	9 (12.5%)	22 (9.9)	122 (13.3)		0.35	0.21–0.60	<0.001 ^d
Cancer site, no. (%)	(Reference: Lung)						
Breast	17 (17.2)	44 (14.8)	176 (14.3)	0.005 ^c	0.97	0.59–1.59	0.907
Gastrointestinal and hepatobiliary	23 (23.2)	77 (25.8)	457 (37.3)		0.56	0.38–0.83	0.003 ^c
Gynaecology and genitourinary	13 (13.1)	45 (15.1)	160 (13.0)		0.95	0.61–1.50	0.832
Lung	28 (28.3)	72 (24.2)	248 (20.2)				
Others	18 (18.2)	60 (20.1)	186 (15.2)		1.09	0.71–1.69	0.685

SD: standard deviation

^a411 missing values

^b $P < 0.05$

^c $P < 0.01$

^d $P < 0.001$