

Supplementary Table S1. Multivariable logistic regression analysis for length of stay  $\leq 2$  days

	Length of Stay (Days)			P-value	Multivariate logistic regression for length of stay $\leq 2$ days		
	$\leq 1$ days (n = 99)	1-2 days (n = 298)	>2 days (n = 1227)		Odds Ratio	95% Confidence Interval	P value
<b>Age, mean (SD), years</b>	61.2 (13.5)	62.3 (12.2)	64.1 (12.3)	0.010*	0.99	0.98 – 1.00	0.022*
<b>Male, no. (%)</b>	48 (48.5)	152 (51.0)	586 (47.8)	0.603	1.20	0.93 – 1.55	0.164
<b>Ethnicity, no. (%)</b>					(Reference: Chinese)		
Chinese	79 (79.8)	234 (78.5)	963 (78.5)	0.242			
Indian	4 (4.0)	11 (3.7)	76 (6.2)		0.55	0.31 – 0.97	0.028*
Malay	8 (8.1)	28 (9.4)	123 (10.0)		0.78	0.52 – 1.17	0.173
Others	8 (8.1)	25 (8.4)	65 (5.3)		1.45	0.92 – 2.27	0.111
<b>Office Hours Visit (Weekdays 0800hrs – 1700hrs), no. (%)</b>	30 (30.3)	107 (35.9)	464 (37.8)	0.300	0.88	0.69 – 1.12	0.304
<b>Triage Category, no. (%)</b>					(Reference: Priority 3)		
Priority 1	30 (30.3)	70 (23.5)	306 (24.9)	0.402	0.74	0.46 – 1.20	0.225
Priority 2	61 (61.6)	203 (68.1)	843 (68.7)		0.75	0.48 – 1.16	0.193
Priority 3	8 (8.1)	25 (8.4)	78 (6.4)				
<b>Cancer Site, no. (%)</b>					(Reference: Lung)		
Breast	17 (17.2)	44 (14.8)	176 (14.3)	0.005**	0.90	0.59 – 1.36	0.602
Gastrointestinal & Hepatobiliary	23 (23.2)	77 (25.8)	457 (37.3)		0.53	0.38 – 0.74	<0.001***
Gynaecology & Genitourinary	13 (13.1)	45 (15.1)	160 (13.0)		0.95	0.64 – 1.39	0.785
Lung	28 (28.3)	72 (24.2)	248 (20.2)				
Others	18 (18.2)	60 (20.1)	186 (15.2)		0.94	0.48 – 2.46	0.838

Reduced regression analysis model omitting NEWS variable, as a significant proportion of patients (25.3%) had missing NEWS; \*  $P < 0.05$ ; \*\*  $P < 0.01$ ; \*\*\*  $P < 0.001$