

SUPPLEMENTAL MATERIAL: ADDITIONAL FILE 2

HOSPITAL REVISITS AFTER PAEDIATRIC TONSILLECTOMY: A COHORT STUDY

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Risk factors for emergency department presentation and hospital readmission involving haemorrhage

	ED presentations			Hospital readmissions		
Risk Factor	aOR	95% CI	P-value	aOR	95% CI	P-value
Age						
0-4	Reference	–	–	Reference	–	–
5-9	1.32	1.14 - 1.53	<0.001	1.43	1.24 - 1.66	<0.001
10-14	1.79	1.50 - 2.14	<0.001	2.04	1.72 - 2.41	<0.001
15-19	3.94	3.35 - 4.65	<0.001	4.98	4.28 - 5.81	<0.001
Sex						
Male	Reference	–	–	Reference	–	–
Female	0.92	0.82 - 1.03	0.13	0.91	0.82 - 1.01	0.07
Area of remoteness						
Major city	Reference	–	–	Reference	–	–
Inner regional	0.75	0.63 - 0.89	0.001	0.75	0.63 - 0.88	<0.001
Outer regional	0.40	0.28 - 0.57	<0.001	0.49	0.36 - 0.66	<0.001
Remote or very remote	Removed	–	–	1.85	0.24 - 14.26	0.55
Socioeconomic status						
1 (lowest SES)	Reference	–	–	Reference	–	–
2	0.93	0.77 - 1.11	0.40	1.14	0.96 - 1.35	0.13
3	0.97	0.81 - 1.16	0.71	1.00	0.84 - 1.19	0.99
4	0.94	0.80 - 1.12	0.51	1.05	0.89 - 1.23	0.60
5 (highest SES)	0.87	0.72 - 1.05	0.15	1.01	0.84 - 1.20	0.94
Hospital sector						
Private	Reference	–	–	Reference	–	–
Public	1.80	1.59 - 2.03	<0.001	1.52	1.36 - 1.70	<0.001
Hospital region						
Regional	Reference	–	–	Reference	–	–
Metropolitan	1.37	1.16 - 1.62	<0.001	1.41	1.20 - 1.66	<0.001
Surgical indication						
Infection	Reference	–	–	Reference	–	–
Obstruction	1.13	0.98 - 1.31	0.09	1.02	0.89 - 1.16	0.81
Both	1.08	0.93 - 1.24	0.31	0.98	0.86 - 1.12	0.77
Neither	0.77	0.47 - 1.26	0.30	0.89	0.59 - 1.35	0.59
Index surgery complication	0.99	0.78 - 1.27	0.97	1.11	0.89 - 1.38	0.36

* denotes significance at $P < 0.05$. The “remote or very remote” category of area of remoteness was removed in the ED presentation model as were too few numbers in this category that experienced haemorrhage ($N = 1$).