



## **Supporting Information**

### **Supplementary results**

**This appendix was part of the submitted manuscript and has been peer reviewed.  
It is posted as supplied by the authors.**

Appendix to: Harvey L, Harris IA, Mitchell RJ, et al. Improved survival rates after hip fracture surgery in New South Wales, 2011–2018. *Med J Aust* 2022; doi: 10.5694/mja2.51440.

**Table. Demographic characteristics and mortality, fall-related hip fracture admission adults 50 years and older, by surgery status, NSW, Australia 2011-2018**

Characteristics	Total admissions	Surgery during admission	No surgery during admission	<i>P</i>
Number of admissions	40,744	37,294 [91.5%]	3,450 [8.5%]	
Sex (women)	28,903 (70.9%)	26,745 (71.7%)	2,158 (62.6%)	<0.001
Age group				<0.001
50-64	2,167 (5.3%)	2,024 (5.4%)	143 (4.1%)	
65-74	5,134 (12.6%)	4,771 (12.8%)	363 (10.5%)	
75-84	12,967 (31.8%)	11,947 (32.0%)	1,020 (29.6%)	
85-94	17,912 (44.0%)	16,288 (43.7%)	1,624 (47.1%)	
95+	2,564 (6.3%)	2,264 (6.1%)	300 (8.7%)	
CCI weighted score				<0.001
0	18,038 (44.3%)	16,731 (44.9%)	1,307 (37.9%)	
1-2	15,247 (37.4%)	13,911 (37.3%)	1,336 (38.7%)	
3+	7,459 (18.3%)	6,652 (17.8%)	807 (23.4%)	
Type of fracture				<0.001
Neck of femur	21,090 (51.8%)	19,988 (53.6%)	1,102 (31.9%)	
Pertrochanteric	17,639 (43.3%)	15,400 (41.3%)	2,239 (64.9%)	
Subtrochanteric	2,015 (5.0%)	1,906 (5.1%)	109 (3.2%)	
Deaths				
30-day	3,403 (8.4%)	2,522 (6.8%)	881 (25.5%)	<0.001
1-year*	9,644/36,088 (26.7%)	8,356/33,011 (25.3%)	1,288/3,077 (41.9%)	<0.001

CCI, Charlson Comorbidity Index.

\* Excludes patients admitted after 31 December 2017 to allow one-year follow up (4656 patients; surgery, 4283, no surgery, 373).