

Table 1 Specificity and Sensitivity of variables used to estimate incident cases of injurious falls leading to hospitalisation compared to those identified through record linkage

Case definition	Sensitivity (95% CI)	Specificity (95% CI)	Incidence rate* (95% CI)	Change in Incidence †
Exclusion of Readmission within 28 day	91.6 (91.2-92.0)	55.8 (53.2-58.4)	1097.5 (1082.3-1112.8)	↓5.6%
Exclusion of transfers	93.9 (93.6-94.2)	53 (43.9-49.2)	1126.2 (1110.8-1141.7)	↓3.1%
Exclusion of readmission and transfers	88.6 (88.2-89.1)	68.3 (65.8-70.7)	1053.6 (1038.7-1068.5)	↓9.4%
Inclusion of acute admissions only	96.4 (96.1-96.6)	12.8 (85.4-89.0)	1185.4 (1169.6-1201.2)	↑2.1%
Exclusion of day only admission	90.9 (89.4-92.5)	18.6 (18.1-19.1)	1017.9 (1003.3-1032.6)	↓12.4%
Internal data linkage	100%	100%	1161.4 (1145.8-1177.1)	—
All fall-related separations	—	—	1237.5 (1221.3-1253.6)	↑6.6%

*Incidence rate per 100,000 people aged 50 years and over

†compared to the incidence obtained based on data record linkage