| Parameter | Estimate | 95% Confidence Interval | Hazard ratio | 95% Confidence Interval |
| --- | --- | --- | --- | --- |
| Female | -0.2189 | (-0.2705, -0.1673) | 0.8034 | (0.7630, 0.8460) |
| Age (years)\* | 0.0221 | ( 0.0153, 0.0290) | 1.0224 | (1.0154, 1.0294) |
| Age (years)\*\* | -0.0051 | (-0.0169, 0.0068) | 0.9949 | (0.9832, 1.0068) |
| Age (years)\*\*\* | -0.0297 | (-0.0802, 0.0209) | 0.9708 | (0.9229, 1.0211) |
| Time since 2018 (years)\* | 0.0228 | (-0.0868, 0.1324) | 1.0231 | (0.9169, 1.1416) |
| Time since 2018 (years)\*\* | -0.0370 | (-0.3597, 0.2857) | 0.9637 | (0.6979, 1.3307) |
| Time since 2018 (years)\*\*\* | 0.0451 | (-0.9285, 1.0186) | 1.0461 | (0.3952, 2.7692) |
| Admission source [Community Service] | 0.0054 | (-0.2627, 0.2736) | 1.0055 | (0.7690, 1.3147) |
| Admission source [Emergency Department - this hospital] | -0.0003 | (-0.0828, 0.0822) | 0.9997 | (0.9205, 1.0857) |
| Admission source [Other] | -0.5548 | (-0.8137, -0.2959) | 0.5742 | (0.4432, 0.7439) |
| Admission source [Outpatient Department - this hospital] | -0.3924 | (-0.5040, -0.2807) | 0.6755 | (0.6041, 0.7552) |
| Admission source [Private Medical Practitioner (not Psychiatry)] | -0.7988 | (-1.2337, -0.3639) | 0.4499 | (0.2912, 0.6950) |
| Admission source [Residential Aged Care Service] | -0.0465 | (-0.3199, 0.2270) | 0.9546 | (0.7262, 1.2549) |
| Admission source [Routine Readmission No Referral Required] | -0.8621 | (-1.1727, -0.5516) | 0.4223 | (0.3095, 0.5760) |
| Medical service [Geriatrics] | 0.2673 | ( 0.1288, 0.4059) | 1.3065 | (1.1375, 1.5006) |
| Medical service [Neurosurgery] | -0.0202 | (-0.1929, 0.1525) | 0.9800 | (0.8245, 1.1648) |
| Medical service [Orthopaedics] | -0.3137 | (-0.4298, -0.1976) | 0.7307 | (0.6506, 0.8207) |
| Medical service [Other] | -0.5710 | (-0.6393, -0.5027) | 0.5650 | (0.5277, 0.6049) |
| Medical service [Palliative medicine] | 0.2389 | ( 0.0888, 0.3889) | 1.2698 | (1.0928, 1.4754) |
| Medical service [Psychiatry] | -0.3366 | (-0.4531, -0.2201) | 0.7142 | (0.6356, 0.8025) |
| Medical service [Psychogeriatric] | -0.0213 | (-0.3123, 0.2697) | 0.9789 | (0.7317, 1.3095) |
| Medical service [Rehabilitation] | 0.0417 | (-0.0969, 0.1802) | 1.0425 | (0.9076, 1.1975) |
| Medical service [Spinal] | -0.5627 | (-1.0919, -0.0335) | 0.5697 | (0.3356, 0.9671) |
| Time since admission (hours)\* | 0.3008 | ( 0.2454, 0.3562) | 1.3510 | (1.2781, 1.4279) |
| Time since admission (hours)\*\* | -0.3621 | (-0.5374, -0.1867) | 0.6962 | (0.5842, 0.8297) |
| Previous falls (n) | 0.9053 | ( 0.8640, 0.9467) | 2.4728 | (2.3727, 2.5771) |
| \*Indicates the levels for the spline terms – see supplementary appendix 2 for table of knot locations for each term. | | | | |