

**Supplementary Table 5:** Coefficients and confidence intervals from the time stratified Cox's survival analysis for variables other than the stratified DMR. No other significant associations are identified, with hazard ratios that do not show any consistent effect from any of the other variables. Diagnoses were categorised based on BNF chapters.

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SexMale	1.0895	0.9178	0.9915	1.1973
Quintile1	2.1312	0.4692	0.2687	16.9033
Quintile2	2.0135	0.4966	0.2536	15.9839
Quintile3	1.9789	0.5053	0.25	15.6632
Quintile4	1.9448	0.5142	0.2445	15.467
Quintile5	1.829	0.5467	0.229	14.6069
AgeDecile100-109	1.3227	0.756	0.4683	3.7364
AgeDecile20-29	1.0877	0.9194	0.4254	2.781
AgeDecile30-39	1.0382	0.9632	0.4189	2.5728
AgeDecile40-49	1.0131	0.987	0.4231	2.4261
AgeDecile50-59	1.1707	0.8542	0.5016	2.7322
AgeDecile60-69	1.112	0.8992	0.4805	2.5739
AgeDecile70-79	1.2786	0.7821	0.5544	2.9487
AgeDecile80-89	1.2657	0.7901	0.5495	2.9154
AgeDecile90-99	1.1183	0.8942	0.4802	2.6041
BNFChapter 01: Certain infectious and parasitic diseases	0.9522	1.0502	0.6355	1.4267
BNFChapter 02: Neoplasms	1.3705	0.7296	0.8768	2.1422
BNFChapter 03: Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	1.1291	0.8857	0.6579	1.9377
BNFChapter 04: Endocrine, nutritional and metabolic diseases	1.1031	0.9065	0.726	1.6762
BNFChapter 05: Mental and behavioural disorders	1.1382	0.8786	0.7103	1.8238
BNFChapter 06: Diseases of the nervous system	1.0803	0.9256	0.6859	1.7016
BNFChapter 07: Diseases of the eye and adnexa	0.9697	1.0313	0.3376	2.7855
BNFChapter 08: Diseases of the ear and mastoid process	1.4309	0.6989	0.4367	4.6882
BNFChapter 09: Diseases of the circulatory system	0.9615	1.0401	0.6703	1.3792

BNFChapter 10: Diseases of the respiratory system	1.1985	0.8344	0.8409	1.7081
BNFChapter 11: Diseases of the digestive system	1.0197	0.9807	0.6987	1.4882
BNFChapter 12: Diseases of the skin and subcutaneous tissue	1.0175	0.9828	0.6584	1.5724
BNFChapter 13: Diseases of the musculoskeletal system/connective system	0.7853	1.2735	0.5238	1.1773
BNFChapter 14: Diseases of the genitourinary system	1.0816	0.9245	0.745	1.5704
BNFChapter 15: Pregnancy, childbirth and the puerperium	6.0273	0.1659	0.7936	45.7781
BNFChapter 17: Congenital malformations, deformations and chromosomal abnormalities	3.2549	0.3072	0.9928	10.6709
BNFChapter 18: Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	0.9548	1.0474	0.6656	1.3696
BNFChapter 19: Injury/poisoning/other consequences of external causes	0.9408	1.0629	0.6469	1.3682
BNFChapter 21: Factors influencing health and contact with health services	1.2668	0.7894	0.6113	2.6248
DMRDMR Started:strata(tgroup)tgroup=1	0.5974	1.674	0.5043	0.7076
DMRNo DMR:strata(tgroup)tgroup=1	NA	NA	NA	NA
DMRDMR Started:strata(tgroup)tgroup=2	0.9672	1.0339	0.8592	1.0888
DMRNo DMR:strata(tgroup)tgroup=2	NA	NA	NA	NA