Supplementary Table 4: Results of hurdle regression models; survivors of the 33-month study period.

Log. Model for Zero Counts	**Stroke Est. (95% CI)**	**MI Est. (95% CI)**	**COPD Est. (95% CI)**	**GIC Est. (95% CI)**
Intercept	0.176 (0.080-0.271)	0.176 (0.076-0.276)	0.032 (0.000-0.211)	0.191 (0.060-0.321)
After	0.066 (0.000-0.136)	0.076 (0.000-0.169)	0.192 (0.081-0.303)	0.304 (0.222-0.386)
Men	1.870 (1.790-1.951)	2.013 (1.923-2.103)	2.307 (2.150-2.464)	1.863 (1.742-1.984)
Men*After	0.942 (0.851-1.033)	0.868 (0.758-0.978)	0.793 (0.635-0.951)	0.894 (0.786-1.001)
Age 70-79	0.566 (0.470-0.661)	0.489 (0.396-0.583)	0.609 (0.439-0.779)	0.426 (0.294-0.558)
Age 80-89	0.390 (0.278-0.502)	0.317 (0.192-0.441)	0.446 (0.212-0.680)	0.272 (0.095-0.449)
Age 90+	0.362 (0.076-0.649)	0.331 (0.002-0.659)	0.921 (0.096-1.746)	0.153 (0.000-0.837)
NB Model for Positive Counts	**Stroke Est. (95% CI)**	**MI Est. (95% CI)**	**COPD Est. (95% CI)**	**GIC Est. (95% CI)**
Intercept	3.601 (3.579-3.623)	3.508 (3.483-3.532)	4.875 (4.846-4.904)	3.313 (3.276-3.350)
lin.spl.(Temp.Dist.)1	0.953 (0.940-0.967)	0.957 (0.942-0.972)	0.925 (0.908-0.942)	0.886 (0.864-0.908)
lin.spl.(Temp.Dist.)2	0.887 (0.874-0.901)	0.889 (0.874-0.905)	0.820 (0.802-0.838)	0.804 (0.782-0.827)
After	1.731 (1.717-1.745)	1.677 (1.661-1.693)	1.285 (1.267-1.304)	1.221 (1.198-1.245)
lin.spl.(Temp.Dist.)1*After	0.924 (0.907-0.941)	0.923 (0.905-0.942)	1.041 (1.018-1.064)	1.042 (1.013-1.071)
lin.spl.(Temp.Dist.)2*After	0.977 (0.960-0.994)	0.937 (0.918-0.956)	1.246 (1.222-1.269)	1.194 (1.164-1.223)
Men	0.801 (0.783-0.819)	0.781 (0.760-0.801)	0.846 (0.818-0.874)	0.824 (0.793-0.856)
Men*After	1.114 (1.102-1.126)	1.109 (1.095-1.122)	1.079 (1.062-1.096)	1.094 (1.073-1.115)
Age 70-79	1.101 (1.081-1.121)	1.127 (1.106-1.148)	1.080 (1.050-1.110)	1.182 (1.147-1.216)
Age 80-89	1.127 (1.104-1.150)	1.195 (1.169-1.221)	1.105 (1.065-1.145)	1.267 (1.224-1.311)
Age 90+	1.090 (1.034-1.145)	1.149 (1.082-1.215)	0.986 (0.838-1.145)	1.354 (1.206-1.502)
No. of Observations	168,200	129,389	64,290	64,960
No. of Groups	16,820	12,938	6,429	6,496
VAR Ind. RE Log. Model	4.19	3.59	5.44	3.56
VAR Ind. RE NB Model	0.22	0.22	0.25	0.28
Overdisp. Par. NB Model	12.80	17.50	16.60	11.30