Supplementary Table 2: Overview of the stepwise model development process; survivors of the 33-month study period.

Cause	Model	Model for zero-counts	Model for positive counts	AIC	dAIC	DF
Stroke	1	After + Sex + Age + (1|ID)	Temporal Distance * After + Sex + Age + (1|ID)	783,611	753	17
Stroke	2	After + Sex + Age + (1|ID)	Temporal Distance * After + Sex * After + Age + (1|ID)	783,310	395	18
Stroke	3	After + Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex + Age + (1|ID)	783,224	359	19
Stroke	4	After + Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex * After + Age + (1|ID)	782,922	0	20
Stroke	5	After * Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex * After + Age + (1|ID)	782,923	1	21
MI	1	After + Sex + Age + (1|ID)	Temporal Distance * After + Sex + Age + (1|ID)	585,568	452	17
MI	2	After + Sex + Age + (1|ID)	Temporal Distance * After + Sex * After + Age + (1|ID)	585,347	231	18
MI	3	After + Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex + Age + (1|ID)	585,342	225	19
MI	4	After + Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex * After + Age + (1|ID)	585,120	4	20
MI	5	After * Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex * After + Age + (1|ID)	585,116	0	21
COPD	1	After + Sex + Age + (1|ID)	Temporal Distance * After + Sex + Age + (1|ID)	320,473	131	17
COPD	2	After + Sex + Age + (1|ID)	Temporal Distance * After + Sex * After + Age + (1|ID)	320,395	53	18
COPD	3	After + Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex + Age + (1|ID)	320,426	84	19
COPD	4	After + Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex * After + Age + (1|ID)	320,349	6	20
COPD	5	After * Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex * After + Age + (1|ID)	320,342	0	21
GIC	1	After + Sex + Age + (1|ID)	Temporal Distance * After + Sex + Age + (1|ID)	287,754	171	17
GIC	2	After + Sex + Age + (1|ID)	Temporal Distance * After + Sex * After + Age + (1|ID)	287,685	101	18
GIC	3	After + Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex + Age + (1|ID)	287,656	72	19
GIC	4	After + Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex * After + Age + (1|ID)	287,586	2	20
GIC	5	After * Sex + Age + (1|ID)	lin.spline(Temporal Distance) * After + Sex * After + Age + (1|ID)	287,584	0	21

Note: (1|D) stands for individual random effect