

Appendix 13 Results of the Cox proportional hazard model analyses of stroke mortality - driving time quintiles for male persons 65 and older under models 1 to 3 for the four different hospital types

Driving time	Model 1		Model 2		Model 3	
	Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI
Acute hospital		p=0.003		p=0.159		p=0.202
Lowest quintile	1		1		1	
Second quintile	0.997	0.932 - 1.067	0.980	0.915 - 1.049	0.979	0.915 - 1.048
Third quintile	1.096	1.024 - 1.172	1.063	0.993 - 1.138	1.062	0.988 - 1.141
Fourth quintile	1.084	1.011 - 1.162	1.035	0.965 - 1.110	1.026	0.950 - 1.108
Highest quintile	1.094	1.023 - 1.171	1.032	0.964 - 1.106	0.996	0.920 - 1.079
Acute hospital with ER		p=0.033		p=0.538		p=0.667
Lowest quintile	1		1		1	
Second quintile	1.020	0.954 - 1.092	1.011	0.945 - 1.082	1.008	0.942 - 1.079
Third quintile	1.071	1.000 - 1.147	1.048	0.979 - 1.123	1.044	0.971 - 1.122
Fourth quintile	1.089	1.016 - 1.168	1.048	0.977 - 1.124	1.035	0.959 - 1.116
Highest quintile	1.091	1.020 - 1.167	1.042	0.973 - 1.115	0.999	0.924 - 1.080
Central hospital		p<0.001		p<0.001		p=0.007
Lowest quintile	1		1		1	
Second quintile	1.016	0.947 - 1.089	0.993	0.926 - 1.066	0.992	0.918 - 1.072
Third quintile	1.085	1.011 - 1.165	1.046	0.974 - 1.124	1.039	0.960 - 1.125
Fourth quintile	1.133	1.059 - 1.213	1.110	1.035 - 1.189	1.098	1.018 - 1.185
Highest quintile	1.164	1.090 - 1.243	1.142	1.068 - 1.221	1.119	1.033 - 1.212
University hospital		p<0.001		p=0.001		p=0.065
Lowest quintile	1		1		1	
Second quintile	1.098	1.023 - 1.179	1.073	0.999 - 1.153	1.078	0.998 - 1.165
Third quintile	1.200	1.121 - 1.286	1.143	1.066 - 1.226	1.117	1.037 - 1.203
Fourth quintile	1.158	1.083 - 1.239	1.103	1.030 - 1.182	1.066	0.988 - 1.150
Highest quintile	1.122	1.049 - 1.200	1.129	1.049 - 1.214	1.076	0.991 - 1.167