

Appendix 11 Results of the Cox proportional hazard model analyses of stroke mortality - driving time quintiles for male persons 30-64 years 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=0.152		p=0.518		p=0.657
Lowest quintile	1		1		1	
Second quintile	0.908	0.759 - 1.087	0.924	0.772 - 1.106	0.920	0.768 - 1.102
Third quintile	0.881	0.737 - 1.053	0.931	0.777 - 1.114	0.934	0.773 - 1.129
Fourth quintile	0.790	0.659 - 0.948	0.846	0.703 - 1.018	0.858	0.702 - 1.049
Highest quintile	0.920	0.772 - 1.097	0.945	0.790 - 1.131	0.939	0.764 - 1.155
Acute hospital with ER		p=0.458		p=0.779		p=0.770
Lowest quintile	1		1		1	
Second quintile	0.920	0.768 - 1.101	0.931	0.777 - 1.115	0.925	0.772 - 1.108
Third quintile	0.840	0.700 - 1.007	0.889	0.740 - 1.067	0.899	0.742 - 1.089
Fourth quintile	0.900	0.754 - 1.074	0.961	0.803 - 1.150	0.979	0.806 - 1.188
Highest quintile	0.911	0.763 - 1.089	0.933	0.778 - 1.117	0.924	0.753 - 1.133
Central hospital		p=0.026		p=0.099		p=0.196
Lowest quintile	1		1		1	
Second quintile	0.852	0.705 - 1.028	0.930	0.769 - 1.126	0.965	0.782 - 1.191
Third quintile	0.927	0.771 - 1.116	1.006	0.833 - 1.215	1.042	0.845 - 1.286
Fourth quintile	1.116	0.934 - 1.334	1.183	0.985 - 1.421	1.199	0.981 - 1.465
Highest quintile	1.061	0.886 - 1.271	1.077	0.894 - 1.296	1.065	0.860 - 1.318
University hospital		p=0.044		p=0.072		p=0.208
Lowest quintile	1		1		1	
Second quintile	1.000	0.826 - 1.211	1.100	0.904 - 1.337	1.168	0.947 - 1.440
Third quintile	1.188	0.987 - 1.430	1.275	1.054 - 1.543	1.277	1.045 - 1.560
Fourth quintile	1.170	0.970 - 1.411	1.226	1.011 - 1.486	1.209	0.981 - 1.489
Highest quintile	1.247	1.037 - 1.499	1.258	1.027 - 1.541	1.208	0.968 - 1.507