

Appendix 7 Results of the Cox proportional hazard model analyses of AMI 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=0.012		p=0.041		p=0.144
Lowest quintile	1		1		1	
Second quintile	0.946	0.847 - 1.057	0.941	0.842 - 1.052	0.950	0.850 - 1.063
Third quintile	0.875	0.782 - 0.978	0.881	0.787 - 0.985	0.912	0.810 - 1.026
Fourth quintile	1.007	0.905 - 1.121	1.010	0.906 - 1.126	1.045	0.927 - 1.177
Highest quintile	1.048	0.943 - 1.166	1.021	0.916 - 1.138	0.985	0.870 - 1.115
Acute hospital with ER		p=0.002		p=0.007		p=0.013
Lowest quintile	1		1		1	
Second quintile	0.904	0.808 - 1.010	0.902	0.806 - 1.008	0.908	0.812 - 1.015
Third quintile	0.864	0.773 - 0.965	0.877	0.784 - 0.980	0.910	0.810 - 1.023
Fourth quintile	1.026	0.923 - 1.141	1.036	0.931 - 1.153	1.070	0.952 - 1.201
Highest quintile	1.023	0.920 - 1.138	1.004	0.901 - 1.118	0.962	0.852 - 1.087
Central hospital		p<0.001		p<0.001		p=0.003
Lowest quintile	1		1		1	
Second quintile	0.993	0.885 - 1.115	1.027	0.914 - 1.154	1.133	0.996 - 1.289
Third quintile	1.161	1.039 - 1.298	1.183	1.056 - 1.326	1.259	1.108 - 1.430
Fourth quintile	1.204	1.077 - 1.346	1.221	1.090 - 1.368	1.231	1.086 - 1.395
Highest quintile	1.194	1.067 - 1.335	1.180	1.053 - 1.324	1.135	0.994 - 1.295
University hospital		p<0.001		p<0.001		p=0.002
Lowest quintile	1		1		1	
Second quintile	1.040	0.925 - 1.169	1.071	0.950 - 1.207	1.149	1.010 - 1.307
Third quintile	1.257	1.122 - 1.408	1.258	1.120 - 1.414	1.241	1.098 - 1.403
Fourth quintile	1.304	1.164 - 1.460	1.280	1.140 - 1.438	1.230	1.084 - 1.396
Highest quintile	1.363	1.219 - 1.525	1.385	1.227 - 1.563	1.292	1.131 - 1.476