

Appendix 9 Results of the Cox proportional hazard model analyses of AMI 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<0.001		p=0.019		p=0.045
Lowest quintile	1		1		1	
Second quintile	1.091	1.018 - 1.169	1.070	0.998 - 1.147	1.074	1.001 - 1.151
Third quintile	1.128	1.052 - 1.209	1.089	1.015 - 1.168	1.102	1.024 - 1.186
Fourth quintile	1.166	1.087 - 1.251	1.104	1.028 - 1.185	1.117	1.033 - 1.207
Highest quintile	1.212	1.132 - 1.297	1.118	1.043 - 1.198	1.102	1.017 - 1.195
Acute hospital with ER		p<0.001		p=0.008		p=0.080
Lowest quintile	1		1		1	
Second quintile	1.084	1.012 - 1.162	1.069	0.998 - 1.145	1.066	0.995 - 1.143
Third quintile	1.088	1.014 - 1.167	1.061	0.988 - 1.138	1.069	0.993 - 1.150
Fourth quintile	1.144	1.066 - 1.227	1.091	1.016 - 1.171	1.097	1.016 - 1.184
Highest quintile	1.216	1.136 - 1.301	1.135	1.059 - 1.215	1.113	1.029 - 1.204
Central hospital		p<0.001		p<0.001		p=0.102
Lowest quintile	1		1		1	
Second quintile	1.075	1.001 - 1.153	1.050	0.978 - 1.128	1.071	0.991 - 1.158
Third quintile	1.110	1.033 - 1.192	1.054	0.980 - 1.133	1.054	0.972 - 1.143
Fourth quintile	1.172	1.094 - 1.256	1.108	1.033 - 1.189	1.089	1.008 - 1.177
Highest quintile	1.226	1.147 - 1.310	1.152	1.076 - 1.233	1.113	1.027 - 1.207
University hospital		p<0.001		p<0.001		p<0.001
Lowest quintile	1		1		1	
Second quintile	1.090	1.012 - 1.173	1.065	0.988 - 1.147	1.082	0.999 - 1.172
Third quintile	1.214	1.131 - 1.303	1.136	1.057 - 1.221	1.113	1.031 - 1.201
Fourth quintile	1.269	1.185 - 1.359	1.182	1.102 - 1.268	1.148	1.064 - 1.240
Highest quintile	1.315	1.230 - 1.407	1.248	1.159 - 1.343	1.199	1.104 - 1.301