

Appendix 20 Results of the Cox proportional hazard model analyses of stroke mortality - straight-line distance quintiles for female persons 65 and older under models 1 to 3 for the four different hospital types

Straight-line distance	Model 1		Model 2		Model 3	
	Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI
Acute hospital		p=0.001		p=0.294		p=0.335
Lowest quintile	1		1		1	
Second quintile	1.004	0.952 - 1.060	0.988	0.936 - 1.042	0.985	0.933 - 1.039
Third quintile	1.091	1.032 - 1.153	1.046	0.989 - 1.107	1.045	0.985 - 1.109
Fourth quintile	1.088	1.027 - 1.153	1.028	0.970 - 1.090	1.029	0.964 - 1.098
Highest quintile	1.063	1.005 - 1.124	1.002	0.947 - 1.061	1.002	0.937 - 1.072
Acute hospital with ER		p=0.001		p=0.104		p=0.112
Lowest quintile	1		1		1	
Second quintile	0.990	0.938 - 1.045	0.981	0.929 - 1.035	0.979	0.927 - 1.033
Third quintile	1.082	1.024 - 1.145	1.054	0.997 - 1.115	1.055	0.995 - 1.119
Fourth quintile	1.086	1.025 - 1.151	1.036	0.977 - 1.098	1.039	0.974 - 1.108
Highest quintile	1.046	0.990 - 1.106	1.003	0.948 - 1.061	1.003	0.939 - 1.071
Central hospital		p<0.001		p<0.001		p<0.001
Lowest quintile	1		1		1	
Second quintile	1.118	1.056 - 1.183	1.073	1.014 - 1.137	1.092	1.026 - 1.163
Third quintile	1.126	1.062 - 1.193	1.065	1.004 - 1.130	1.091	1.022 - 1.166
Fourth quintile	1.147	1.085 - 1.212	1.103	1.042 - 1.168	1.128	1.059 - 1.201
Highest quintile	1.139	1.079 - 1.202	1.129	1.068 - 1.193	1.156	1.085 - 1.232
University hospital		p<0.001		p=0.002		p=0.003
Lowest quintile	1		1		1	
Second quintile	1.141	1.075 - 1.210	1.085	1.022 - 1.151	1.099	1.029 - 1.174
Third quintile	1.179	1.116 - 1.247	1.118	1.056 - 1.183	1.121	1.056 - 1.191
Fourth quintile	1.137	1.076 - 1.202	1.081	1.021 - 1.143	1.085	1.020 - 1.155
Highest quintile	1.079	1.022 - 1.140	1.060	0.997 - 1.127	1.059	0.990 - 1.132