

Supplementary information

S1 Table. Hazard ratios of hospitalization due to COVID-19 (defined by COVID-19 as main or secondary diagnosis), and death due to COVID-19 (defined by COVID-19 as underlying cause of death) for men compared to women

COVID-19 outcomes	Model 1			Model 2			Model 3		
	HR	95% CI		HR	95% CI		HR	95% CI	
Hospitalization									
<i>Total cohort</i>	1.51	1.47	1.55	1.42	1.38	1.46	1.50	1.45	1.54
By Age groups									
<i>18-39</i>	0.74	0.67	0.81	0.77	0.79	0.85	0.79	0.72	0.87
<i>40-49</i>	1.66	1.51	1.82	1.72	1.56	1.89	1.78	1.62	1.96
<i>50-59</i>	1.69	1.57	1.82	1.69	1.57	1.82	1.75	1.62	1.89
<i>60-69</i>	1.85	1.73	1.99	1.75	1.63	1.87	1.81	1.69	1.95
<i>70-79</i>	1.69	1.59	1.80	1.51	1.42	1.61	1.60	1.50	1.71
<i>80+</i>	1.43	1.35	1.51	1.26	1.20	1.33	1.37	1.30	1.45
Deaths									
<i>Total cohort</i>	1.93	1.79	2.07	1.74	1.62	1.88	1.89	1.75	2.04
By Age groups									
<i>18-39</i>	0.56	0.16	1.91	0.58	0.17	1.99	0.59	0.17	2.02
<i>40-49</i>	2.35	0.83	6.67	2.41	0.85	6.84	2.42	0.85	6.87
<i>50-59</i>	8.21	3.94	17.1	8.12	3.90	16.92	8.03	3.85	16.7
<i>60-69</i>	3.41	2.42	4.79	3.22	2.29	4.53	3.22	2.28	4.54
<i>70-79</i>	2.16	1.81	2.57	1.96	1.65	2.34	2.10	1.76	2.50
<i>80+</i>	1.72	1.58	1.88	1.55	1.41	1.69	1.71	1.56	1.87

Abbreviations: HR = Hazard ratio, CI = Confidence intervals, ICU = intensive care unit

Model 1: adjusted for age

Model 2: adjusted for age and co-morbidities (hypertension, ischemic heart diseases, heart failure, stroke, COPD, asthma, type 2 diabetes, obesity, chronic kidney disease, chronic liver disease, cancer)

Model 3: adjusted for age, co-morbidities as in model 2 and education level, income, and work status.