

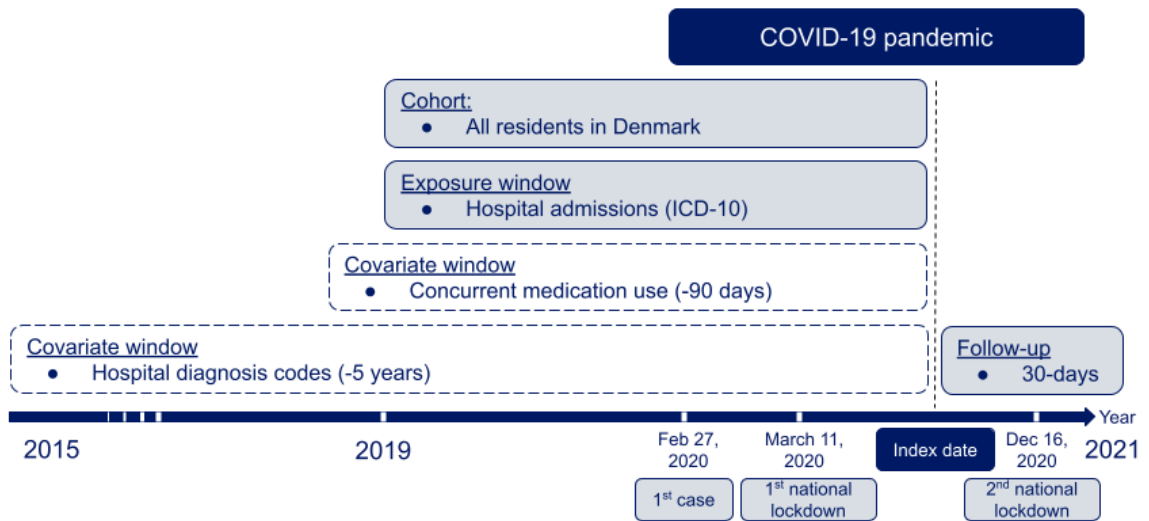
Supplementary Material

Supplementary Table 1: Diagnosis codes used in the Danish National Patient Registry to categorise all study participants according to ICD-10 major diagnosis group and essential medical condition.

Diagnosis codes*	ICD-10
Major diagnosis groups	
Infectious diseases	A, B (excluding B342A and B972A), G00-G08
Cancer	C
Haematological disorders	D
Endocrine, nutrition and metabolism	E
Mental and behavioural disorders	F
Diseases of the nervous system	G (excluding G00-G08)
Sensory organ disease	H
Circulatory disease	I
Respiratory diseases	J
Digestive diseases	K
Dermatological diseases	L
Bone, muscle, and connective tissues	M
Genito-urinary system	N
Symptoms, signs, and abnormal laboratory findings	R
Injury or poisoning	S, T
Selected medical conditions	
Myocardial infarction	I21, I23
Heart failure	I50
Stroke	I63, I64
Intracranial bleeding	I60-I62
Cancer	C (excl. C44)
Acute exacerbations of chronic pulmonary disease	J40-J47, J961, J982
Pneumonia	J13-J18
Sepsis	A021, A2067, A40, A41, A282B, A327, A392, A394, A427, A499, B377, R572
Urinary tract infection	N10-N12, N30, N151, N390
Bone, skin, and soft tissue infections	A46, L01, L03, L08, M00, M011, M013, M726, M86
Covid-19	B342A, B972A

ICD: World Health Organization's International Classification of Diseases. Covid-19: Coronavirus disease 2019. *Patients diagnosed with Covid-19 within five days of admission were categorized as Covid-19.

Supplementary Figure 1: Study design, variables, and timeline



Index date: Date of index hospitalization. Concurrent medication: Reimbursement of dispensed prescription medicine at any pharmacy in Denmark within 90 days of hospitalisation.

Supplementary Figure 2: Flowchart of hospitalisations during the study period.

