

Table 2. Comparison of Causes of Death Between Vaccinated and Unvaccinated Individuals up to December 31, 2023, Using Weighted Cox Models Among Those Included in the 4-Year Mortality Study <sup>a</sup>					
ICD-10	Primary causes of death	Incidence per 1 million		Hazard ratio	
		Among vaccinated	Among unvaccinated	Crude	Weighted
NA	Unknown (unlinkable)	199	327	0.55 (0.52-0.58)	0.58 (0.55-0.61)
A, B	Infectious and parasitic diseases	28	45	0.55 (0.48-0.64)	0.63 (0.54-0.73)
C, D0-D4	Tumors	769	853	0.81 (0.79-0.84)	0.85 (0.83-0.88)
C50 and D05	Including breast cancer	76	103	0.67 (0.61-0.73)	0.68 (0.61-0.74)
C10-C20, D010-D012	Including colorectal cancer	62	66	0.85 (0.76-0.95)	0.89 (0.80-0.99)
C33, C34, D021, D022	Including lung cancer	174	194	0.81 (0.76-0.86)	0.85 (0.79-0.90)
Other codes in C or D0 to D04	Including other cancer	456	491	0.84 (0.80-0.87)	0.89 (0.85-0.92)
D5-D8	Diseases of the blood, hematopoietic organs, and certain immune system disorders	6	13	0.46 (0.35-0.60)	0.50 (0.35-0.68)
E	Endocrine, nutritional, and metabolic diseases	51	74	0.62 (0.56-0.70)	0.73 (0.65-0.83)
F	Mental and behavioral disorders	88	135	0.59 (0.54-0.64)	0.65 (0.59-0.70)
G, H	Diseases of the nervous system and sensory organs	66	109	0.55 (0.50-0.60)	0.62 (0.57-0.67)
I	Diseases of the circulatory system	282	367	0.69 (0.66-0.73)	0.76 (0.73-0.79)
J	Diseases of the respiratory system	60	95	0.57 (0.52-0.63)	0.66 (0.59-0.74)
K	Diseases of the digestive system	139	172	0.72 (0.67-0.78)	0.84 (0.80-0.90)
L	Diseases of the skin and subcutaneous tissue	2	5	0.40 (0.26-0.64)	0.49 (0.30-0.75)
M	Diseases of the musculoskeletal system, muscles, and connective tissue	9	11	0.69 (0.52-0.91)	0.85 (0.61-1.13)
N	Diseases of the genitourinary system	9	14	0.54 (0.42-0.70)	0.69 (0.52-0.87)
O	Pregnancy, childbirth, and the puerperium	2	4	0.36 (0.21-0.60)	0.41 (0.22-0.64)
P	Certain conditions originating in the perinatal period	0	1	-	-
Q	Congenital malformations and chromosomal anomalies	10	18	0.51 (0.41-0.64)	0.59 (0.47-0.78)
R	Symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified	276	414	0.60 (0.57-0.63)	0.68 (0.65-0.71)
U071, U072, U109	COVID-19	18	85	0.20 (0.17-0.23)	0.26 (0.22-0.30)
V, W, X, Y	External causes of morbidity and mortality	493	597	0.74 (0.72-0.77)	0.78 (0.75-0.81)
V01-V99	Including transport crashes	65	86	0.68 (0.61-0.75)	0.74 (0.67-0.83)
W00-W19	Including falls	21	26	0.72 (0.60-0.87)	0.80 (0.63-0.97)
W65-W74	Including drownings	9	13	0.62 (0.48-0.80)	0.73 (0.57-0.99)
W20-W64, W75-X59	Including other unintentional injuries	105	134	0.70 (0.65-0.76)	0.80 (0.74-0.87)
X60-X84	Including suicides and self-inflicted injuries	229	222	0.93 (0.88-0.99)	0.88 (0.83-0.94)
Any	Any	2505	3337	0.68 (0.67-0.69)	0.73 (0.72-0.74)

Abbreviations: ICD-10, International Statistical Classification of Diseases and Related Health Problems, Tenth Revision; NA, not applicable.

<sup>a</sup> Individuals are, by definition, alive during the first 6 months of follow-up; 8% of deaths could not be linked to cause-of-death data.