

Supplementary Table 4. Multivariate Cox regression analysis of risk factors for the development of myocarditis following vaccination

Variables	HR	95% CI	<i>p</i> value
Vaccine			
Only mRNA vaccine	1.000	Reference	
Only adenoviral vaccine	0.178	0.088–0.359	< 0.001
Cross vaccination	1.080	0.660–1.767	0.760
Gender, female	0.861	0.629–1.177	0.347
Age	0.960	0.949–0.972	< 0.001
Insurance level			
Low	1.000	Reference	
Middle	0.811	0.520–1.265	0.356
High	1.078	0.736–1.579	0.701
CCI			
0	1.000	Reference	
1	1.312	0.791–2.177	0.293
2 ≤	1.521	0.817–2.833	0.186
Diabetes	0.566	0.286–1.120	0.102
Hypertension	1.104	0.661–1.844	0.704
Hyperlipidemia	1.646	1.025–2.645	0.039
COPD	0.677	0.240–1.914	0.462
COVID-19	1.696	0.420–6.845	0.458

HR, hazard ratio; CI, confidence interval; mRNA, messenger ribonucleic acid; CCI, Charlson comorbidity index; COPD, chronic obstructive pulmonary disease.