Supplementary File

COVID-19 Vaccine Booster Hesitancy (VBH) of Healthcare Workers in Czechia: National Cross-sectional Study
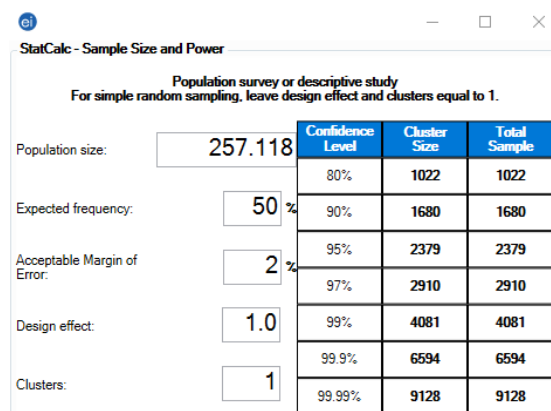

Figure S1. The sample size of healthcare workers in Czech Republic—Epi-Info™ version 7.2.4.

Table S1. The results of test re-test reliability.

Participant	κ coefficient	Participant	κ coefficient
No. 1	0.77	No. 5	1.00
No. 2	0.85	No. 6	1.00
No. 3	0.69	No. 7	0.55
No. 4	0.57	No. 8	1.00

Cohen's Kappa statistic *(κ)*; 0.01 – 0.20 as none to slight, 0.21 – 0.40 as fair, 0.41 – 0.60 as moderate, 0.61–0.80 as substantial, and 0.81–1.00 as perfect agreement [1].

Table S2. Demographic Characteristics of Czech Healthcare Workers Responding to COVID-19 Vaccine BD Survey, November 2021 (*n* = 3454).

Variable	Outcome	Frequency (*n*)	Percentage (%)
Gender	Female †	2796	80.9 %
	Male	643	18.6 %
	LGBTQ+	15	0.4 %
† Pregnancy	Yes ‡	25	0.9 %
	No	2771	99.1 %
‡ Trimester	1st Trimester	9	36 %
	2nd Trimester	10	40 %
	3rd Trimester	6	24 %
Age	≤ 47 years-old	1744	50.5 %
	> 47 years-old	1710	49.5 %
Profession (Medical)	Physician	980	28.4 %
	Dentist	14	0.4 %
	Pharmacist	53	1.5 %
Profession (Allied Health)	General Nurse	1452	42 %
	Paediatric Nurse	150	4.3 %
	Midwife	90	2.6 %
	Paramedic	28	0.8 %

	Physiotherapist	85	2.5 %
	Nutrition Therapist	57	1.7 %
	Occupational Therapist	10	0.3 %
	Speech Therapist	7	0.2 %
	Psychologist	30	0.9 %
	Addictologist	8	0.2 %
	Pharmaceutical Assistant	103	3.0 %
	Medical Laboratory Technician	145	4.2 %
	Radiology Assistant	69	2.0 %
	Radiology Physicist	11	0.3 %
	Biomedical Engineer	24	0.7 %
	Biomedical Technician	3	0.1 %
	Specialist in Public Health	15	0.4 %
	Specialist in Laboratory Methods	74	2.1 %
	Specialist in Healthcare Management	36	1.0 %
	Public Health Assistant	6	0.2 %
	Dental Technician	4	0.1 %
Region	Central Bohemian	337	9.8 %
	Prague	1010	29.2 %
	South Moravian	699	20.2 %
	Moravian-Silesian	208	6.0 %
	Usti nad Labem	185	5.4 %
	South Bohemian	74	2.1 %
	Olomouc	124	3.6 %
	Plzen	90	2.6 %
	Zlín	117	3.4 %
	Hradec Kralove	152	1.7 %
	Pardubice	154	4.5 %
	Vysočina	139	4.0 %
	Liberec	107	3.1 %
	Karlovy Vary	58	4.4 %

No missing data. † Female participants. ‡ Pregnant participants.

References

1.　McHugh, M.L. Interrater reliability: The kappa statistic. *Biochem. Medica* **2012**, *22*, 276–282, doi:10.11613/bm.2012.031.