

## Supplementary Materials

**Table S1.** Level of COVID-19 knowledge in relation to sociodemographic variables.

	Sociodemographic data				
	Continuous Data <sup>a</sup>		Categorical Data <sup>b</sup>		
	Age	BMI	Residence <sup>A</sup>	Education <sup>B</sup>	Marital Status <sup>C</sup>
Were you afraid of SARS-CoV-2 infection during pregnancy/lactation?	$p = 0.0007$	$p = 0.7$	$\chi^2 15.59$ $p = 0.21$	$\chi^2 37.32$ $p = 0.00001$	$\chi^2 23.88$ $p = 0.002$
Did you suffer from COVID-19 during your pregnancy?	$p = 0.1$	$p = 0.7$	$\chi^2 18.33$ $p = 0.005$	$\chi^2 11.40$ $p = 0.02$	$\chi^2 3.72$ $p = 0.44$
Is SARS-CoV-2 transmitted through breastfeeding?	$p = 0.007$	$p = 0.3$	$\chi^2 21.29$ $p = 0.001$	$\chi^2 20.92$ $p = 0.0003$	$\chi^2 17.33$ $p = 0.001$
Does breastfeeding protect children from COVID-19?	$p = 0.03$	$p = 0.7$	$\chi^2 16.04$ $p = 0.01$	$\chi^2 26.11$ $p = 0.00003$	$\chi^2 7.26$ $p = 0.12$
Do you think that immunity achieved after COVID-19 vaccination might provide immune protection to the fetus and newborn (placental transfer)?	$p = 0.001$	$p = 0.6$	$\chi^2 60.92$ $p = 0.00001$	$\chi^2 74.46$ $p = 0.00001$	$\chi^2 12.91$ $p = 0.01$
Do you think that immunity achieved after COVID-19 vaccination might be transferred with human milk to the newborns/infants?	$p = 0.1$	$p = 0.4$	$\chi^2 14.56$ $p = 0.02$	$\chi^2 34.04$ $p = 0.00001$	$\chi^2 15.80$ $p = 0.003$

<sup>a</sup> the Kruskal–Wallis test was used to evaluate the differences between the groups

<sup>b</sup> the chi-squared test was used to evaluate the differences between the groups

<sup>A</sup> place of the residence: >100,000 inhabitants, 10,000–100,000 inhabitants, <10,000 inhabitants and rural area

<sup>B</sup> education level: university, high school, primary and vocational

<sup>C</sup> marital status: married, cohabiting, single parent and divorced

**Table S2.** Level of COVID-19 knowledge in relation to obstetric variables.

	Obstetric data <sup>a</sup>					
	Current obstetric state <sup>A</sup>	Type of delivery <sup>B</sup>	Physiological pregnancy <sup>C</sup>	Difficulties in conceiving a child <sup>D</sup>	Medically assisted procreation <sup>E</sup>	Miscarriage in the past <sup>F</sup>
Were you afraid of SARS-CoV-2 infection during pregnancy/lactation?	$\chi^2 9.16$ $p = 0.68$	$\chi^2 41.56$ $p = 0.00004$	$\chi^2 3.20$ $p = 0.52$	$\chi^2 1.22$ $p = 0.87$	$\chi^2 4.66$ $p = 0.32$	$\chi^2 3.13$ $p = 0.53$
Did you suffer from COVID-19 during your pregnancy?	$\chi^2 7.36$ $p = 0.28$	$\chi^2 14.17$ $p = 0.02$	$\chi^2 5.60$ $p = 0.06$	$\chi^2 7.49$ $p = 0.02$	$\chi^2 4.28$ $p = 0.11$	$\chi^2 6.31$ $p = 0.04$
Is SARS-CoV-2 transmitted through breastfeeding?	$\chi^2 3.08$ $p = 0.79$	$\chi^2 23.28$ $p = 0.0007$	$\chi^2 3.84$ $p = 0.14$	$\chi^2 1.93$ $p = 0.38$	$\chi^2 0.17$ $p = 0.91$	$\chi^2 2.44$ $p = 0.29$
Does breastfeeding protect children from COVID-19?	$\chi^2 5.82$ $p = 0.44$	$\chi^2 11.59$ $p = 0.07$	$\chi^2 4.60$ $p = 0.10$	$\chi^2 0.17$ $p = 0.91$	$\chi^2 0.73$ $p = 0.69$	$\chi^2 2.25$ $p = 0.32$
Do you think that immunity achieved after COVID-19 vaccination might provide immune protection to the fetus and newborn (placental transfer)?	$\chi^2 9.74$ $p = 0.13$	$\chi^2 13.25$ $p = 0.03$	$\chi^2 1.69$ $p = 0.42$	$\chi^2 0.26$ $p = 0.87$	$\chi^2 1.91$ $p = 0.38$	$\chi^2 2.61$ $p = 0.27$
Do you think that immunity achieved after COVID-19 vaccination might be transferred with human milk to the newborns/infants?	$\chi^2 7.92$ $p = 0.24$	$\chi^2 12.42$ $p = 0.05$	$\chi^2 6.57$ $p = 0.03$	$\chi^2 1.47$ $p = 0.47$	$\chi^2 1.69$ $p = 0.42$	$\chi^2 7.09$ $p = 0.02$

<sup>a</sup> the chi-squared test was used to evaluate the differences between the groups

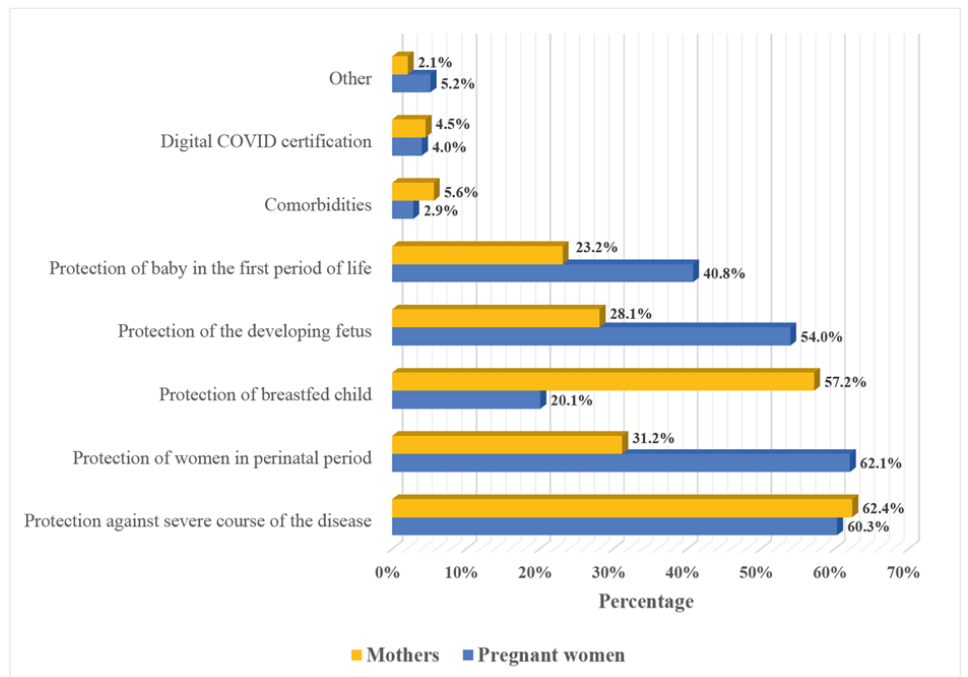
<sup>A</sup> current obstetric state: pregnancy, a woman who gave birth to a child

<sup>B</sup> type of delivery: vaginal birth, elective or emergency caesarean section

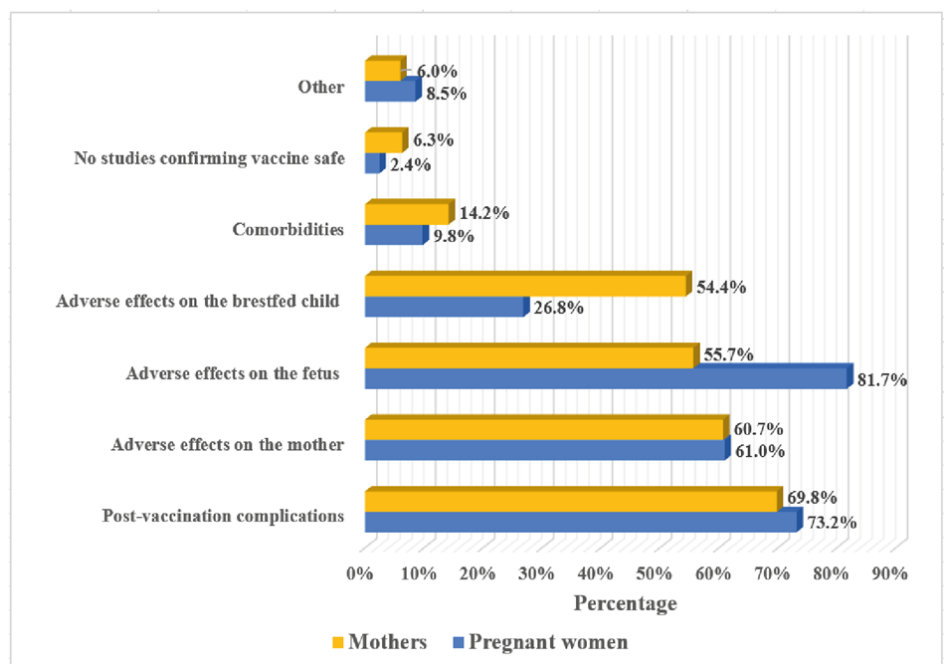
<sup>C</sup> physiological pregnancy: with or without complications

<sup>E</sup> difficulties in conceiving a child: yes, no

<sup>F</sup> miscarriage in the past: yes, no



**Figure S1.** Respondents' reasons for COVID-19 vaccination.



**Figure S2.** Reasons to avoid COVID-19 vaccination declared by analyzed cohort of respondents.