

Supplementary Material

“Until I Know It’s Safe for Me”: The Role of Timing in COVID-19 Vaccine Decision-Making and Vaccine Hesitancy

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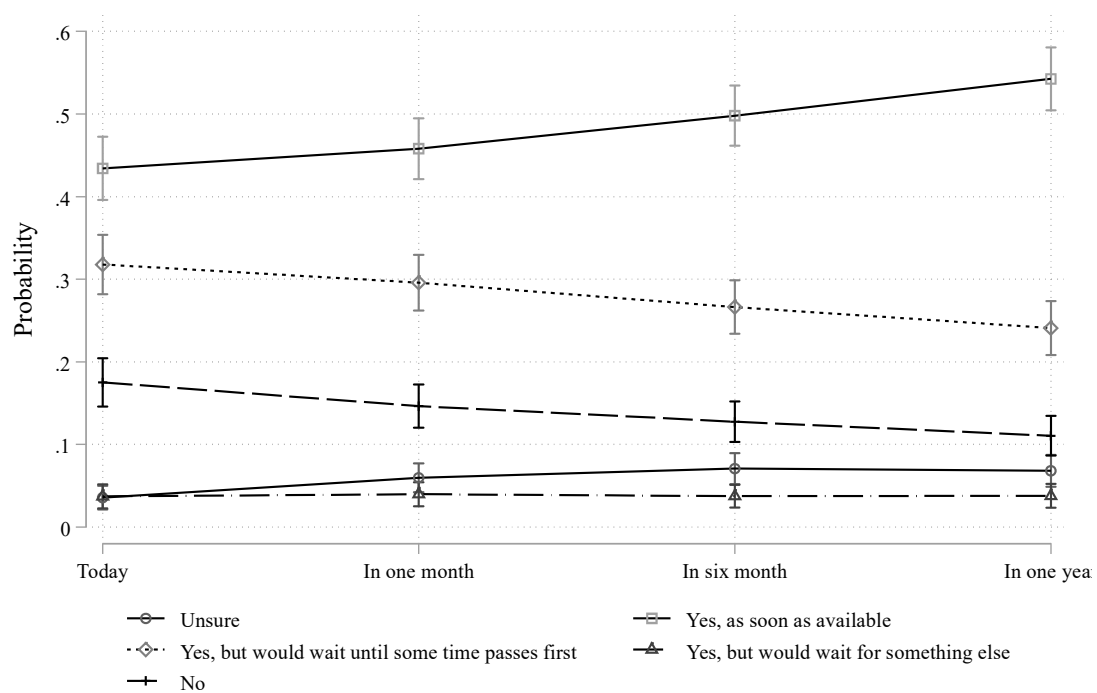


Figure S1. Including respondents who answered 'Unsure'.

Note: Estimations obtained from Table S1. 95% confidence intervals included.

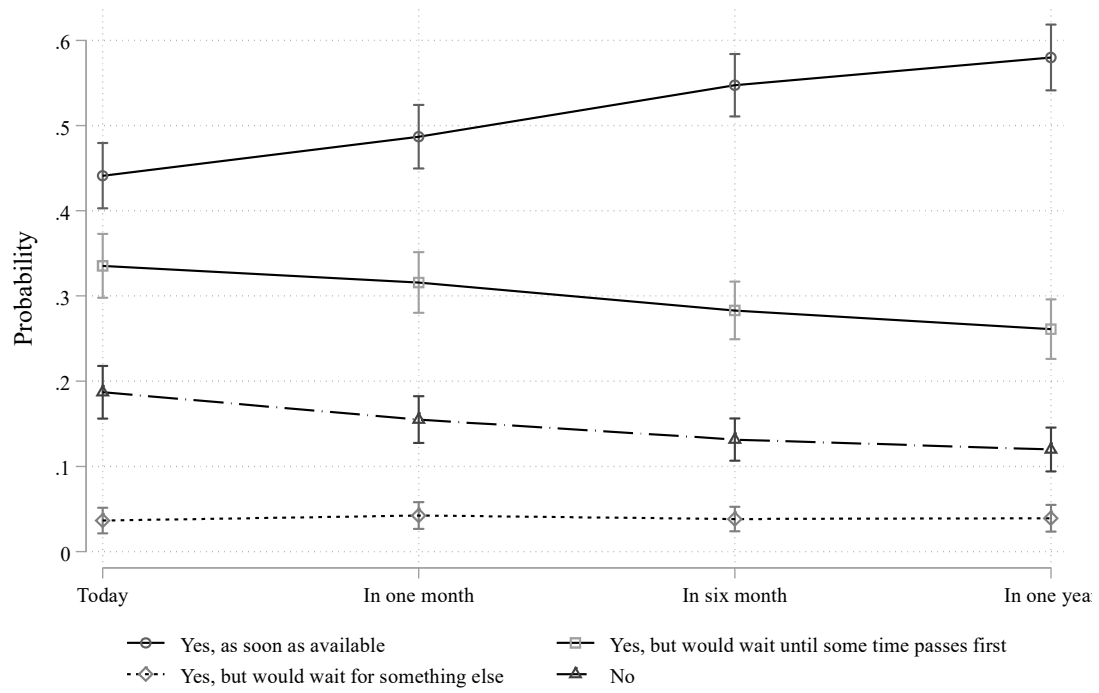


Figure S2. Controlling for covariates (age, gender, education, province, francophone)

Table S1. Multinomial logistic regression with controls

	Yes... Until some time	Yes... Something...	No
In one month	-0.17 (0.13)	0.04 (0.30)	-0.31 (0.17)
In six month	-0.41** (0.13)	-0.20 (0.30)	-0.61*** (0.17)
In one year	-0.56*** (0.14)	-0.24 (0.31)	-0.78*** (0.18)
Age: 25-34	-0.02 (0.19)	0.73 (0.44)	0.55* (0.24)
Age: 35-44	-0.02 (0.19)	0.75 (0.43)	0.51* (0.24)
Age: 45-54	-0.23 (0.18)	-0.08 (0.45)	0.12 (0.23)
Age: 55-64	-0.43* (0.18)	-0.70 (0.50)	-0.38 (0.24)
Age: 65+	-1.05*** (0.18)	-0.45 (0.45)	-1.24*** (0.26)
Gender (female=1)	0.19* (0.09)	0.02 (0.21)	0.50*** (0.12)
Post-secondary	0.07 (0.13)	0.07 (0.30)	-0.40* (0.16)
University degree	-0.19 (0.12)	-0.12 (0.28)	-0.92*** (0.16)
Quebec	0.08 (0.24)	-0.45 (0.63)	0.10 (0.31)
Eastern provinces	-0.53*** (0.16)	-0.51 (0.37)	-0.62** (0.22)
Manitoba	-0.44 (0.23)	-0.09 (0.46)	-0.04 (0.27)
British Columbia	-0.43** (0.16)	-0.08 (0.33)	-0.05 (0.20)
Saskatchewan	-0.73** (0.24)	-0.35 (0.50)	-0.48 (0.30)
Alberta	-0.52** (0.17)	-0.90* (0.45)	-0.16 (0.21)
Francophone	-0.71** (0.25)	0.03 (0.65)	-0.61 (0.33)
Constant	0.40* (0.20)	-2.24*** (0.48)	-0.31 (0.25)
Observations	2503		
Pseudo R^2	0.048		

Note: Multinomial logistic regression coefficients with standard errors in parentheses. The base outcome is “Yes, as soon as possible.” The reference category for the treatments is “Today.” * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table S2. Comparison between survey sample and Canadian census

	2016 Canadian census	Survey sample
Gender		
Women	50.9%	52%
Men	49.1%	48%
Age		
18-24	10.9%	10.2%
25-34	16.4%	15%
35-44	16.2%	16.7%
45-54	17.9%	20.2%
55-64	17.5%	17.5%
65+	21.1%	20.5%
Education		
Postsecondary certificate, diploma or degree	55.3%	48.6%
Province		
Ontario	38.3%	34.4%
Quebec	23.2%	20.9%
British Columbia	13.2%	12%
Alberta	11.6%	10.7%
Manitoba	3.6%	5.2%
Saskatchewan	3.1%	4.7%
Eastern provinces	6.6%	12.2%

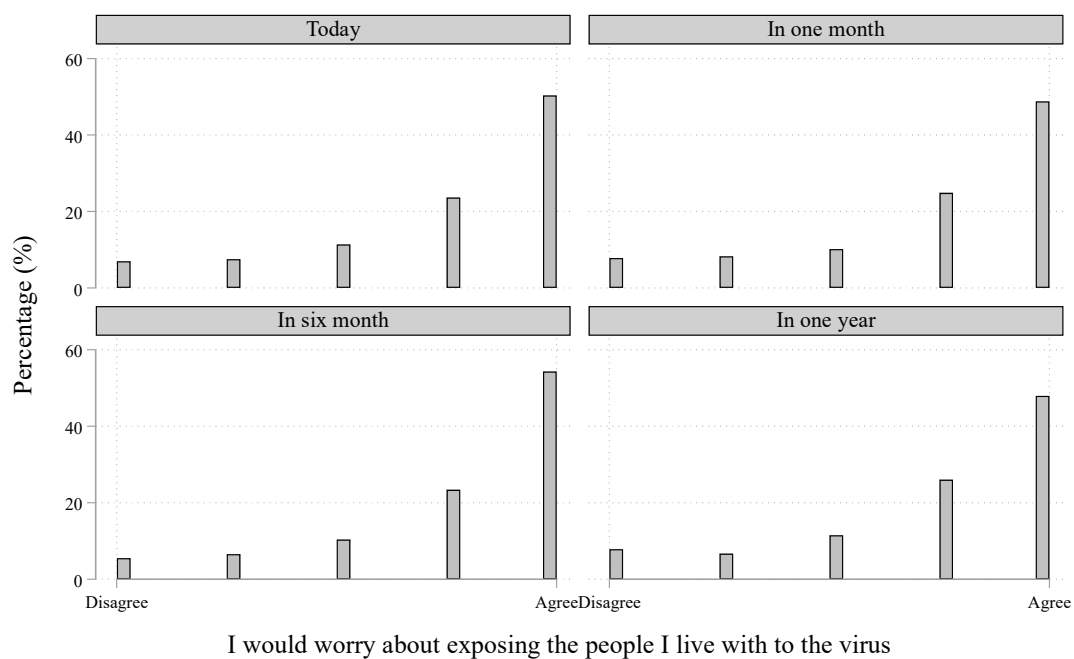


Figure S3. Distribution of 'worry about risks for family' across treatments

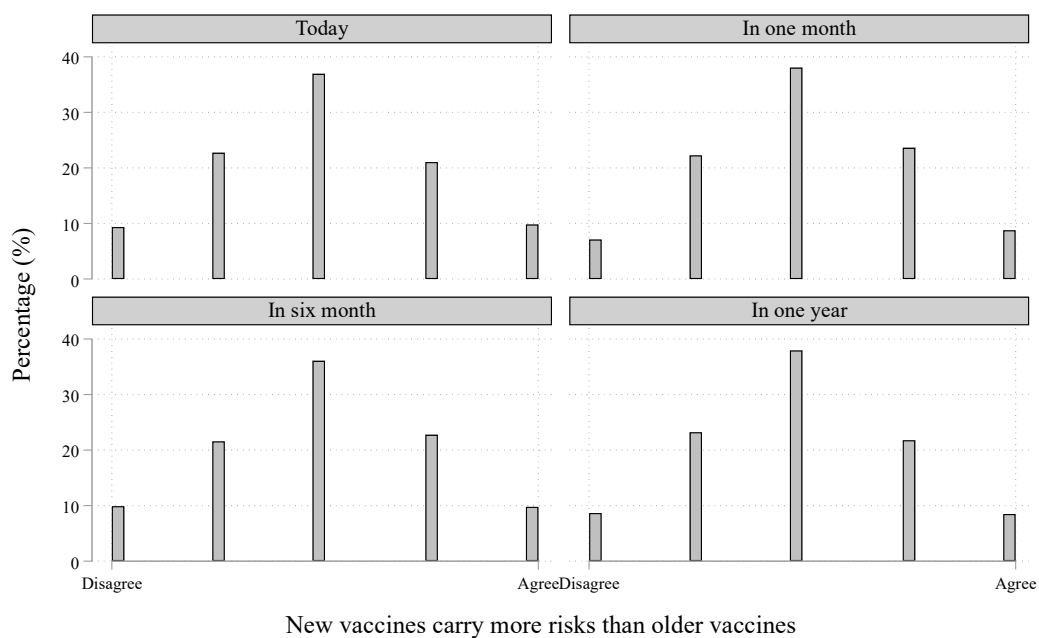


Figure S4. Distribution of 'risk perceptions of vaccines' across treatments.

Note: N=2,558

There were four treatments, each of them having a 0.25 probability to be assigned to a respondent. Treatments one and four are shown as examples of the way the question changed (substituting “today,” “in one month,” “in six months,” and “in one year”). Then, treatment two (“in one month”) is shown to demonstrate how the open-ended text boxes would appear if participants selected one of the two “would wait” options.

(a) Treatment 1 – “today”

If a coronavirus vaccine was available to you today, would you get vaccinated, or not?

- ☐ Yes, I would get a vaccination as soon as one became available to me
- ☐ Yes, I would get a vaccination, but would wait until some time passes first
- ☐ Yes, I would get a vaccination, but would wait for something else
- ☐ No, I would not get a coronavirus vaccination
- ☐ Prefer not to say
- ☐ Unsure

(b) Treatment 4 – “one year”

If a coronavirus vaccine was available to you in one year, would you get vaccinated, or not?

- ☐ Yes, I would get a vaccination as soon as one became available to me
- ☐ Yes, I would get a vaccination, but would wait until some time passes first
- ☐ Yes, I would get a vaccination, but would wait for something else
- ☐ No, I would not get a coronavirus vaccination
- ☐ Prefer not to say
- ☐ Unsure

(c) Treatment 2, illustrating the pop-up text field that would appear for any participant in any treatment who selected the option “Yes, I would get a vaccination but would wait until some time passes first”.

If a coronavirus vaccine was available to you in one month, would you get vaccinated, or not?

☐ Yes, I would get a vaccination as soon as one became available to me

☒ Yes, I would get a vaccination, but would wait until some time passes first

☐ Yes, I would get a vaccination, but would wait for something else

☐ No, I would not get a coronavirus vaccination

☐ Prefer not to say

☐ Unsure

How long do you think you might wait?

☐ Prefer not to say

(d) Treatment 2, illustrating the pop-up text field that would appear for any participant in any treatment who selected the option “Yes, I would get a vaccination but would wait for something else”.

If a coronavirus vaccine was available to you in one month, would you get vaccinated, or not?

☐ Yes, I would get a vaccination as soon as one became available to me

☐ Yes, I would get a vaccination, but would wait until some time passes first

☒ Yes, I would get a vaccination, but would wait for something else

☐ No, I would not get a coronavirus vaccination

☐ Prefer not to say

☐ Unsure

What do you plan to wait for?

☐ Prefer not to say

Figure S5a, S5b, S5c, S5d. A visual overview of the survey experiment