Table 3. Nested logistic regression models of anticipated COVID-19 vaccine acceptance among religious populations (N=1,070). Congregation-level clustered standard errors.

Variables	Model 1	Model 2	Model 3
Race: African American (ref. White)	0.19**	0.19**	0.19*
	(0.05 - 0.66)	(0.05 - 0.67)	(0.05 - 0.72)
Race: Hispanic (ref. White)	0.38***	0.35***	0.58*
	(0.24 - 0.61)	(0.27 - 0.46)	(0.38 - 0.90)
Race: Asian American (ref. White)	1.21	1.45	1.24
	(0.55 - 2.66)	(0.62 - 3.39)	(0.57 - 2.73)
Race: Other (ref. White)	0.48+	0.59	0.69
	(0.22 - 1.03)	(0.29 - 1.19)	(0.36 - 1.32)
Trust in COVID-19 information from scientists (binary)		7.59***	6.97***
		(3.59 - 16.05)	(3.24 - 15.01)
Worrying about COVID-19 (binary)		1.42	1.59
		(0.74 - 2.72)	(0.83 - 3.04)
Frequency of prayer (1-4 scale)		0.79**	0.83**
		(0.68 - 0.92)	(0.73 - 0.93)
Gender: Men (ref. Women)			2.64***
			(1.58 - 4.40)
Age in years (continuous)			0.93*
			(0.88 - 0.99)
Age squared (interaction term)			1.00**
			(1.00 - 1.00)
Marital status: Married or in partnership (ref. Not married)			1.25
			(0.92 - 1.70)
Household income (1-4 scale)			1.24**
			(1.08 - 1.42)
Education: College degree or higher (ref. Less than a college degree)			1.53
			(0.89 - 2.62)
Self-rated physical health (0-10 scale)			1.06
			(0.99 - 1.14)
Political party: Republican or Independent (ref. Democrat)			0.54*
			(0.29 - 1.00)
Observations	1,070	1,070	1,070
AIC	940	833	782
BIC	965	873	852
Chi-squared (deviance)	930	817	754

Exponentiated coefficients of the nested logistic regressions (models 1-3) that represent the odds ratios of vaccine acceptance. 95% confidence intervals of the odds ratios are shown in parentheses. Congregation-level (n=12) clustered standard errors have been employed for the calculation of the statistics.

Age, age squared, the frequency of prayer (originally ordinal), household income (originally ordinal) and self-rated physical health are treated as continuous variables. All other variables are employed as factors using binary/dummy codings.

Statistical significance at the 95% level: *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$, + $p < 0.1$