

Supplementary material

Table A1. Population groups in OxCGRT's vaccination policy data

General age-based groups	At-risk age-based groups	Groups not based on age
0-4 years (infants)	16-19 years	Airport/border/airline staff
5-15 years (young people)	20-24 years	Clinically vulnerable
16-19 years	25-29 years	Crowded living conditions
20-24 years	30-34 years	People with disabilities
25-29 years	35-39 years	Educators
30-34 years	40-44 years	Elderly care home residents
35-39 years	45-49 years	Elderly care home staff
40-44 years	50-54 years	Ethnic minorities
45-49 years	55-59 years	Factory workers
50-54 years	60-64 years	Frontline/essential workers
55-59 years	65-69 years	Frontline retail workers
60-64 years	70-74 years	Government officials
65-69 years	75-79 years	Healthcare workers
70-74 years	80+ years	Military
75-79 years		Other 'high contact' groups
80+ years		People living with other priority group
		Police/first responders
		Pregnant people
		Primary/secondary school students
		Refugees/migrants
		Religious/spiritual leaders
		Tertiary education students

Table A2. The WHO's vaccine prioritisation recommendations in case of limited supply

Vaccine supply	Priority groups
Initial launch	• Health workers at high risk of infection/transmission
Very limited availability (1-10% of pop.)	• Older adults
Limited availability (11-20% of pop.)	• Older adults not vaccinated in an earlier stage • High-risk groups with comorbidities • High-risk socioeconomic groups • Health workers delivering vaccines • High-priority teachers and school staff
Moderate availability (21-50% of pop.)	• Teachers and school staff • Essential workers • Pregnant women • Health workers low risk of infection/transmission • Vaccine production personnel • Social and employment groups that cannot physically distance

Epidemiological scenario: community transmission. Adapted from WHO SAGE Roadmap for Prioritizing Uses of COVID-19 Vaccines in the Context of Limited Supply – Version 1 20 October 2020 (<https://apps.who.int/iris/handle/10665/341445>).

Table A3. Data sources

Variable	Source
Vaccine prioritisation	OxCGRT (Cameron-Blake et al. 2023)
Vaccine eligibility	OxCGRT (Cameron-Blake et al. 2023)
Share of vaccinated population	Our World in Data (2024)
Democracy (Electoral democracy)	V-Dem (Coppedge et al. 2020)
State capacity (Rigorous and impartial bureaucracy)	V-Dem (Coppedge et al. 2020)
Democracy (Voice and accountability)	WGI (Kaufmann et al. 2011)
State capacity (Government effectiveness)	WGI (Kaufmann et al. 2011)
GDP/capita	World Development Indicators (World Bank 2023)
Total population	World Development Indicators (World Bank 2023)
Share of elderly population	World Development Indicators (World Bank 2023)
Total delivered COVID-19 vaccine doses (% of pop.)	UNDP (2023)
Universal health coverage (UHC)	UNDP (2023)
Cumulative COVID-19 deaths (as of 31 December 2020)	OxCGRT (Hale et al. 2021)
Days between national roll out of vaccines and roll out of vaccines in Bahrain (the first country to start roll out)	Own calculation, based on OxCGRT data (Hale et al. 2021)
Electoral accountability	Clean elections index from V-Dem (Coppedge et al. 2020)
Citizens' voice	Own calculation: average between V-Dem's (Coppedge et al. 2020) Freedom of expression and alternative sources of information index and Freedom of association index (thick)
Share of population with suffrage	V-Dem (Coppedge et al. 2020)
Elected officials	V-Dem (Coppedge et al. 2020)
Free and fair elections	Own calculation: most recent non-missing value of V-Dem's (Coppedge et al. 2020) free and fair elections (v2elrfair) in 2015-2019
CSO consultation	V-Dem (Coppedge et al. 2020)
CSO participatory environment	V-Dem (Coppedge et al. 2020)
Disclosure of campaign donations	V-Dem (Coppedge et al. 2020)
Freedom from political killings	V-Dem (Coppedge et al. 2020)
High court independence	V-Dem (Coppedge et al. 2020)

Table A4. Proportion (%) of countries that included a given non-age-based population group in prioritisation plan, by rank-order

Group	Rank-order										Total
	1	2	3	4	5	6	7	8	9	10+	
Airport/border/airline staff	11.89	6.49	3.78	4.86	3.78	0.54	0.54	2.16	1.08	2.16	32.43
Clinically vulnerable	34.05	23.78	15.14	8.11	5.95	4.32	2.16	1.08	1.62	1.08	76.76
Crowded living conditions	4.32	7.03	9.73	3.24	2.16	3.78	2.16	2.70	1.08	1.08	28.73
Persons with disabilities	7.03	5.95	4.86	2.70	2.70	0.54	0.00	0.54	0.00	1.08	21.62
Educators	11.89	12.97	9.19	9.19	4.86	4.86	2.16	1.08	0.54	2.16	49.19
Elderly care home residents	31.35	12.43	5.41	4.86	1.62	0.54	0.54	0.00	0.00	1.62	49.73
Elderly care home staff	31.89	12.97	5.41	3.78	1.62	0.54	0.54	0.54	0.00	1.08	48.11
Ethnic minorities	2.16	3.24	1.08	1.08	0.54	0.54	0.54	0.00	1.08	1.08	9.19
Factory workers	1.08	2.70	1.62	1.62	1.62	1.62	1.08	0.00	0.00	2.16	12.97
Frontline/essential workers	30.27	14.05	10.27	4.32	2.70	1.62	1.08	0.54	2.16	2.16	56.22
Frontline retail workers	6.49	3.78	2.70	3.78	1.62	1.08	0.00	0.00	0.00	1.08	17.08
Government officials	3.24	2.16	2.16	0.54	1.08	0.00	0.54	0.00	0.00	0.54	9.19
Healthcare workers	89.19	11.35	2.70	1.08	1.08	0.54	1.08	0.00	0.00	0.54	96.76
Military	13.51	9.73	8.11	5.41	2.16	2.16	2.16	1.08	1.08	1.62	39.46
Other 'high contact' groups	15.14	8.11	5.95	7.03	2.16	2.70	0.54	2.70	1.08	3.24	39.46
People living with other priority group	2.70	2.70	5.41	2.16	0.54	2.70	1.08	1.08	0.00	2.16	16.22
Police/first responders	22.16	16.76	7.03	7.57	7.03	4.32	1.62	1.08	0.00	2.70	58.92
Pregnant people	1.08	1.62	3.24	1.08	1.62	2.16	1.08	0.54	0.00	2.70	13.51
Primary/secondary school students	1.08	0.00	1.08	1.08	1.08	1.08	0.00	0.00	1.08	0.54	5.41
Refugees/migrants	1.08	0.00	1.62	0.54	0.00	0.54	0.54	0.54	0.54	0.00	4.86
Religious/spiritual leaders	4.32	1.62	1.62	1.62	0.54	0.54	0.54	0.00	0.00	0.54	10.81
Tertiary education students	2.16	2.16	3.24	1.08	1.08	1.62	0.54	1.08	0.00	0.54	11.89

N = 185. A lower rank-order means higher priority. A country may prioritise a given population group with different rank-order values at different stages. Proportions for each rank-order value record whether a country prioritises a given group with a given rank-order at any stage.

Table A5. Proportion (%) of countries that included a given age-based population group in prioritisation plan, by rank-order

	At risk population															
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+		
Ranking																
1	5.41	5.41	5.41	5.95	5.41	5.41	4.86	5.95	7.57	9.19	7.57	8.11	8.65	10.81		
2	5.41	5.95	5.95	6.49	6.49	8.11	8.11	8.11	9.19	12.43	12.43	12.97	12.43	11.89		
3	5.95	5.95	5.95	6.49	6.49	6.49	7.03	8.65	8.65	7.03	5.41	5.41	3.78	4.86		
4	1.08	1.62	1.62	1.08	1.08	1.62	1.62	2.70	1.62	1.62	3.24	2.70	1.62	2.16		
5	2.16	3.24	3.24	2.70	2.70	3.78	3.78	3.24	4.32	2.70	2.16	0.54	1.08	0.54		
6	3.24	3.24	3.24	3.78	3.78	2.70	3.24	3.24	4.32	3.24	2.16	0.54	0.54	1.08		
7	3.78	3.24	3.24	3.24	3.78	3.78	3.24	4.32	3.24	3.24	1.08	0.54	1.08	0.54		
8	1.62	2.16	1.62	1.62	1.62	1.62	2.70	1.62	2.16	0.54	0.54	0.54	0.54	0.00		
9	1.08	1.08	1.62	1.08	1.08	2.16	1.08	1.08	1.08	0.54	1.08	0.54	0.00	0.00		
10+	2.16	2.16	2.16	1.62	1.62	0.54	1.08	1.62	2.16	2.16	1.62	1.08	1.08	1.08		
Total	23.78	25.95	25.95	26.49	26.49	27.58	28.65	31.35	32.97	29.73	27.03	24.86	24.32	24.86		
	General population															
	0-4	5-15	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+
Ranking																
1	0.00	1.08	3.24	3.78	3.78	3.78	3.78	4.32	5.41	10.81	12.97	23.78	32.43	35.14	37.84	42.70
2	0.00	0.00	4.32	4.32	4.86	5.95	6.49	5.95	5.95	11.35	15.14	25.41	35.68	38.92	41.62	38.92
3	0.00	1.08	9.19	11.89	11.35	12.43	12.43	13.51	14.59	19.46	21.62	21.62	18.92	23.24	21.08	21.08
4	0.00	0.54	4.86	4.32	4.86	4.86	4.86	4.86	6.49	4.86	4.32	9.19	12.43	9.19	9.73	8.65
5	0.54	0.54	4.86	6.49	7.03	5.95	5.95	8.65	7.03	5.95	6.49	7.03	5.41	7.57	5.41	4.32
6	0.00	0.54	4.86	5.41	3.78	4.86	5.95	5.41	4.86	6.49	6.49	3.24	6.49	4.32	2.70	3.24
7	0.00	0.54	4.32	3.24	3.24	4.32	3.78	4.32	5.41	4.32	3.78	5.41	4.32	1.08	3.24	1.62
8	0.00	0.54	1.62	1.62	2.70	2.70	2.70	3.78	2.70	3.24	5.41	4.32	2.16	1.62	0.54	0.54
9	0.00	0.00	3.24	5.41	4.32	2.70	4.32	2.70	3.24	5.95	2.70	1.62	1.08	1.08	0.54	0.00
10+	0.00	2.16	8.65	9.19	9.73	11.35	9.73	9.19	8.65	9.19	8.65	5.95	3.78	2.70	2.16	2.16
Total	0.54	5.41	38.38	43.78	44.32	47.57	48.11	50.27	52.43	63.24	67.03	79.46	90.81	93.51	94.05	93.51

N = 185. A lower rank-order means higher priority. A country may prioritise a given population group with different rank-order values at different stages. Proportions for each rank-order value record whether a country prioritises a given group with a given rank-order at any stage.

Table A6. Regressions of vaccine prioritisation plan granularity on democracy, using alternative measures of democracy and state capacity from WGI

	<i>y = granularity of vaccine prioritisation plans</i>				
	(1)	(2)	(3)	(4)	(5)
Democracy	0.048** (0.019)	0.049** (0.019)	0.053*** (0.018)	0.039* (0.022)	0.063*** (0.023)
Ln(GDP/capita)	0.031** (0.013)	-0.001 (0.021)	0.003 (0.016)	0.021 (0.017)	-0.014 (0.021)
Ln(population)	0.013* (0.007)	0.005 (0.008)	0.002 (0.009)	0.011 (0.007)	0.000 (0.010)
Deaths	-6.877 (26.716)	-15.061 (27.732)	-6.767 (26.276)	-4.688 (28.704)	-22.815 (30.795)
Elderly pop.		-0.002 (0.003)			-0.000 (0.003)
UHC		0.004*** (0.002)			0.004** (0.002)
Delivered vaccines			0.000 (0.000)		0.000 (0.000)
Timing of rollout			-0.001 (0.000)		-0.001 (0.000)
Initial uptake			0.001 (0.002)		0.001 (0.003)
State capacity				0.023 (0.028)	-0.023 (0.031)
R ²	0.17	0.20	0.20	0.17	0.22
N	176	168	164	174	161

Robust standard errors in parentheses. Constant coefficient measured but not reported. * p < 0.1, ** p < 0.05, *** p < 0.01.

Table A7. Regressions of vaccine prioritisation plan granularity on state capacity, using alternative measures of state capacity and democracy from WGI

	<i>y = granularity of vaccine prioritisation plans</i>				
	(1)	(2)	(3)	(4)	(5)
State capacity	0.052** (0.024)	0.021 (0.027)	0.028 (0.025)	0.023 (0.028)	-0.023 (0.031)
Ln(GDP/capita)	0.015 (0.017)	0.001 (0.022)	0.002 (0.018)	0.021 (0.017)	-0.014 (0.021)
Ln(population)	0.007 (0.007)	-0.002 (0.009)	-0.002 (0.009)	0.011 (0.007)	0.000 (0.010)
Deaths	19.727 (28.296)	-2.814 (30.001)	22.381 (29.220)	-4.688 (28.704)	-22.815 (30.795)
Elderly pop.		0.001 (0.004)			-0.000 (0.003)
UHC		0.003** (0.002)			0.004** (0.002)
Delivered vaccines			0.000 (0.000)		0.000 (0.000)
Timing of rollout			-0.000 (0.000)		-0.001 (0.000)
Initial uptake			0.002 (0.002)		0.001 (0.003)
Democracy				0.039* (0.022)	0.063*** (0.023)
R ²	0.15	0.18	0.17	0.17	0.22
N	176	166	164	174	161

Robust standard errors in parentheses. Constant coefficient measured but not reported. * p < 0.1, ** p < 0.05, *** p < 0.01.

Table A8. Regressions of vaccine prioritisation plan granularity on democracy, using an alternative measure of granularity

	<i>y = granularity of vaccine prioritisation plans</i>				
	(1)	(2)	(3)	(4)	(5)
Democracy	0.157*** (0.051)	0.151** (0.058)	0.166*** (0.053)	0.206*** (0.077)	0.221*** (0.083)
Ln(GDP/capita)	0.017* (0.010)	0.007 (0.015)	-0.001 (0.013)	0.022* (0.013)	0.000 (0.016)
Ln(population)	-0.005 (0.008)	-0.007 (0.009)	-0.005 (0.010)	-0.006 (0.009)	-0.006 (0.011)
Deaths	-18.047 (21.667)	-20.113 (22.767)	-13.282 (21.374)	-21.740 (22.431)	-21.444 (23.617)
Elderly pop.		0.001 (0.003)			0.001 (0.002)
UHC		0.001 (0.001)			0.000 (0.001)
Delivered vaccines			0.000 (0.000)		0.000 (0.000)
Timing of rollout			-0.000 (0.000)		-0.000 (0.000)
Initial uptake			0.003 (0.003)		0.003 (0.003)
State capacity				-0.015 (0.017)	-0.020 (0.018)
R ²	0.14	0.14	0.16	0.15	0.17
N	162	159	155	162	154

Robust standard errors in parentheses. Constant coefficient measured but not reported. * $p < 0.1$, ** $p < 0.05$, *** $p < 0.01$.

Table A9. Regressions of vaccine prioritisation plan granularity on state capacity, using an alternative measure of granularity

	<i>y = granularity of vaccine prioritisation plans</i>				
	(1)	(2)	(3)	(4)	(5)
State capacity	0.009 (0.012)	0.006 (0.014)	0.004 (0.014)	-0.015 (0.017)	-0.020 (0.018)
Ln(GDP/capita)	0.022 (0.013)	0.010 (0.016)	0.007 (0.014)	0.022* (0.013)	0.000 (0.016)
Ln(population)	-0.009 (0.010)	-0.011 (0.010)	-0.008 (0.011)	-0.006 (0.009)	-0.006 (0.011)
Deaths	6.030 (20.366)	-4.548 (21.223)	10.848 (21.133)	-21.740 (22.431)	-21.444 (23.617)
Elderly pop.		0.003 (0.003)			0.001 (0.002)
UHC		0.000 (0.001)			0.000 (0.001)
Delivered vaccines			0.000 (0.000)		0.000 (0.000)
Timing of rollout			-0.000 (0.000)		-0.000 (0.000)
Initial uptake			0.003 (0.003)		0.003 (0.003)
Democracy				0.206*** (0.077)	0.221*** (0.083)
R ²	0.10	0.11	0.11	0.15	0.17
N	162	159	155	162	154

Robust standard errors in parentheses. Constant coefficient measured but not reported. * p < 0.1, ** p < 0.05, *** p < 0.01.

Table A10. Regressions of vaccine prioritisation plan granularity on democracy, using an alternative measure of granularity as well as alternative measures of democracy and state capacity from WGI

	<i>y = granularity of vaccine prioritisation plans</i>				
	(1)	(2)	(3)	(4)	(5)
Democracy	0.045*** (0.012)	0.044*** (0.013)	0.043*** (0.012)	0.044*** (0.014)	0.045*** (0.017)
Ln(GDP/capita)	0.009 (0.009)	0.005 (0.014)	-0.002 (0.012)	0.011 (0.010)	0.001 (0.012)
Ln(population)	0.004 (0.005)	-0.000 (0.007)	-0.000 (0.009)	0.002 (0.006)	-0.002 (0.009)
Deaths	-11.216 (18.708)	-15.261 (20.587)	-17.179 (20.185)	-8.509 (20.400)	-17.484 (23.895)
Elderly pop.		-0.000 (0.002)			0.002 (0.002)
UHC		0.001 (0.001)			0.001 (0.001)
Delivered vaccines			0.000 (0.000)		-0.000 (0.000)
Timing of rollout			-0.000 (0.000)		-0.000 (0.000)
Initial uptake			0.001 (0.002)		0.002 (0.003)
State capacity				-0.002 (0.015)	-0.019 (0.022)
R ²	0.11	0.13	0.13	0.12	0.15
N	176	168	164	174	161

Robust standard errors in parentheses. Constant coefficient measured but not reported. * p < 0.1, ** p < 0.05, *** p < 0.01.

Table A11. Regressions of vaccine prioritisation plan granularity on state capacity, using an alternative measure of granularity as well as alternative measures of state capacity and democracy from WGI

	<i>y = granularity of vaccine prioritisation plans</i>				
	(1)	(2)	(3)	(4)	(5)
State capacity	0.030** (0.012)	0.012 (0.017)	0.018 (0.014)	-0.002 (0.015)	-0.019 (0.022)
Ln(GDP/capita)	0.004 (0.010)	0.009 (0.012)	0.000 (0.011)	0.011 (0.010)	0.001 (0.012)
Ln(population)	-0.002 (0.006)	-0.008 (0.008)	-0.004 (0.009)	0.002 (0.006)	-0.002 (0.009)
Deaths	19.050 (19.748)	0.184 (21.870)	14.198 (20.350)	-8.509 (20.400)	-17.484 (23.895)
Elderly pop.		0.003 (0.003)			0.002 (0.002)
UHC		0.000 (0.001)			0.001 (0.001)
Delivered vaccines			0.000 (0.000)		-0.000 (0.000)
Timing of rollout			-0.000 (0.000)		-0.000 (0.000)
Initial uptake			0.002 (0.003)		0.002 (0.003)
Democracy				0.044*** (0.014)	0.045*** (0.017)
R ²	0.08	0.10	0.10	0.12	0.15
N	176	166	164	174	161

Robust standard errors in parentheses. Constant coefficient measured but not reported. * p < 0.1, ** p < 0.05, *** p < 0.01.

Table A12. Regressions of vaccine prioritisation plan granularity on V-Dem's electoral democracy index and its components

	<i>y = granularity of vaccine prioritisation plans</i>								
	<i>Models 1-4: Each component separately</i>				<i>Models 5-8: Each component separately with main democracy index</i>				<i>Model 9: Horse-race</i>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Clean elections	0.227** (0.090)				0.057 (0.115)				0.253 (0.170)
Citizens' voice		0.200*** (0.074)				-0.096 (0.147)			0.145 (0.106)
Elected officials			0.067 (0.050)				-0.017 (0.054)		0.034 (0.074)
Suffrage				-0.016 (0.155)				-0.095 (0.117)	-0.042 (0.070)
Democracy					0.252** (0.115)	0.411** (0.192)	0.314*** (0.106)	0.313*** (0.098)	
Ln(GDP/capita)	-0.023 (0.022)	-0.025 (0.023)	-0.020 (0.022)	-0.025 (0.022)	-0.025 (0.022)	-0.025 (0.022)	-0.026 (0.022)	-0.027 (0.023)	-0.178 (0.175)
Ln(population)	-0.002 (0.011)	-0.004 (0.011)	-0.005 (0.011)	-0.005 (0.011)	-0.001 (0.011)	-0.001 (0.011)	-0.001 (0.011)	-0.002 (0.011)	-0.021 (0.095)
Deaths	-31.269 (31.026)	-33.609 (31.589)	-10.976 (29.000)	-10.317 (29.508)	-38.599 (31.448)	-36.708 (31.166)	-38.912 (31.782)	-38.640 (31.337)	-0.087 (0.075)
Elderly pop.	0.002 (0.003)	0.001 (0.003)	0.002 (0.003)	0.003 (0.003)	0.000 (0.003)	-0.000 (0.003)	0.000 (0.003)	-0.000 (0.003)	0.015 (0.130)
UHC	0.002 (0.002)	0.004** (0.002)	0.003* (0.002)	0.003* (0.002)	0.003* (0.002)	0.003* (0.002)	0.003** (0.002)	0.004** (0.002)	0.296* (0.161)
Delivered vaccines	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.078 (0.124)
Timing of rollout	-0.000 (0.000)	-0.001* (0.000)	-0.001* (0.000)	-0.001 (0.000)	-0.001* (0.000)	-0.001** (0.000)	-0.001* (0.000)	-0.001* (0.000)	-0.138 (0.090)
Initial uptake	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.064 (0.082)
State capacity	-0.014 (0.019)	-0.007 (0.018)	0.011 (0.016)	0.014 (0.016)	-0.018 (0.020)	-0.017 (0.018)	-0.016 (0.019)	-0.016 (0.019)	-0.128 (0.155)
R ²	0.24	0.23	0.20	0.20	0.25	0.25	0.25	0.25	0.25
N	154	154	154	154	154	154	154	154	154

Robust standard errors in parentheses; * p < 0.1, ** p < 0.05, *** p < 0.01. Constant coefficient measured but not reported. We report standardised coefficients and standard errors for Model 9.

Table A13. Regressions of vaccine prioritisation plan granularity on specific elementary indicators of democracy from V-Dem

	<i>y = granularity of vaccine prioritisation plans</i>												
	<i>Models 1-6: Each indicator separately</i>						<i>Models 7-12: Each indicator separately with main democracy index</i>						<i>Model 13: Horse- race</i>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Free, fair elections	0.045*** (0.014)						0.020 (0.017)						0.395*** (0.143)
CSO consultation		0.001 (0.017)						-0.031 (0.019)					-0.193 (0.123)
CSO participatory			0.036** (0.015)						0.009 (0.018)				0.200** (0.094)
Donation disclosure				-0.002 (0.012)						-0.007 (0.012)			0.016 (0.086)
Political killings					-0.016 (0.020)						-0.031 (0.020)		-0.213 (0.137)
High court indep.						0.011 (0.012)						-0.025 (0.016)	-0.075 (0.104)
Democracy							0.241** (0.114)	0.389*** (0.108)	0.273** (0.113)	0.309*** (0.099)	0.344*** (0.101)	0.415*** (0.129)	
Ln(GDP/capita)	-0.027 (0.023)	-0.025 (0.022)	-0.027 (0.023)	-0.025 (0.023)	-0.024 (0.022)	-0.026 (0.022)	-0.030 (0.023)	-0.024 (0.022)	-0.026 (0.022)	-0.027 (0.023)	-0.024 (0.022)	-0.023 (0.021)	-0.200 (0.184)
Ln(population)	-0.004 (0.011)	-0.005 (0.011)	-0.006 (0.011)	-0.004 (0.011)	-0.007 (0.012)	-0.004 (0.011)	-0.002 (0.011)	-0.001 (0.011)	-0.002 (0.011)	-0.001 (0.011)	-0.006 (0.011)	-0.001 (0.011)	-0.094 (0.099)
Deaths	-28.823 (29.735)	-10.383 (29.539)	-16.067 (28.680)	-10.080 (29.601)	-6.615 (29.369)	-15.043 (30.294)	-39.303 (31.246)	-45.241 (30.893)	-36.706 (31.315)	-37.224 (31.343)	-34.477 (30.477)	-37.768 (31.675)	-0.061 (0.068)
Elderly pop.	0.002 (0.003)	0.003 (0.003)	0.002 (0.003)	0.004 (0.004)	0.004 (0.003)	0.003 (0.003)	0.000 (0.003)	0.000 (0.003)	-0.000 (0.003)	0.000 (0.003)	0.000 (0.003)	-0.001 (0.003)	0.094 (0.132)
UHC	0.003* (0.002)	0.003* (0.002)	0.004** (0.002)	0.003* (0.002)	0.003* (0.002)	0.003* (0.002)	0.004** (0.002)	0.003* (0.002)	0.004** (0.002)	0.004** (0.002)	0.004** (0.002)	0.003* (0.002)	0.304** (0.147)
Delivered vaccines	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.060 (0.128)
Timing of rollout	-0.000 (0.000)	-0.001 (0.000)	-0.001 (0.000)	-0.001 (0.000)	-0.001 (0.000)	-0.001* (0.000)	-0.001* (0.000)	-0.001** (0.000)	-0.001* (0.000)	-0.001** (0.000)	-0.001** (0.000)	-0.001* (0.000)	-0.094 (0.095)
Initial uptake	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.002 (0.003)	0.075 (0.131)
State capacity	-0.009 (0.018)	0.013 (0.020)	0.002 (0.017)	0.014 (0.017)	0.023 (0.014)	0.009 (0.017)	-0.019 (0.019)	-0.007 (0.020)	-0.016 (0.018)	-0.014 (0.019)	-0.003 (0.016)	-0.015 (0.018)	0.088 (0.136)
R ²	0.25	0.20	0.22	0.20	0.20	0.20	0.27	0.27	0.25	0.25	0.27	0.26	0.29
N	151	154	154	154	154	154	151	154	154	154	154	154	151

Robust standard errors in parentheses; * p < 0.1, ** p < 0.05, *** p < 0.01. Constant coefficient measured but not reported. We report standardised coefficients and standard errors for Model 13.

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