

Covid-19 measures in countries

Effect on population: additional 10 countries

We extend the analysis on the correlation between measures taken by governments (Stringency Index) and the Positive Rate in 10 more countries with available data: Canada, Mexico, France, Portugal, Switzerland, Australia, Great Britain, South Korea, Israel and Russia.

Only in a few cases, i.e. Australia and Great Britain, the correlation is higher than ± 0.5 . In those two countries, the correlation is found with a lag -4 weeks, meaning that measures taken had an effect in the positive rate 4 weeks later.

There is no significant correlation for the other countries and lags, in a variety of countries with very different geographies and cultural behaviours.

lag measures vs. impact	CAN	MEX	FRA	PRT	CHE	AUS	GBR	KOR	ISR	RUS
- 4 weeks	-0.45	0.27	-0.20	-0.29	-0.32	-0.54	-0.74	-0.26	-0.48	-0.13
- 2 weeks	0.05	0.32	-0.05	-0.18	-0.13	0.07	-0.18	-0.18	-0.27	-0.03
- 1 week	0.17	0.33	0.08	-0.02	0.03	0.30	0.21	-0.06	-0.05	-0.03
No lag	0.20	0.29	0.18	0.09	0.17	0.40	0.27	0.07	0.05	-0.11
+ 1 week	0.26	0.23	0.23	0.15	0.28	0.47	0.33	0.18	0.05	-0.18
+ 2 weeks	0.38	0.13	0.29	0.22	0.34	0.44	0.37	0.30	0.03	-0.25
+ 4 weeks	0.51	-0.17	0.36	0.39	0.39	0.46	0.34	0.56	-0.15	-0.27