Moltilevel Model

data preparation:

seeding begins in each country 30 days prior to observing 10 cumulative deaths

Table 1: data summary

id	country	date	cases	deaths	schools_universities	self_isolating	public	lockdown	social_distancing	FirstVaccinationRate	SecondVaccinationRate
488	EG England	2021-06-01	2539	0	1	1	1	1	1	0.4862978	0.3256192
489	EG England	2021-06-02	3486	11	1	1	1	1	1	0.4882407	0.3298617
490	EG England	2021-06-03	4310	13	1	1	1	1	1	0.4905462	0.3344652
491	EG England	2021-06-04	5102	9	1	1	1	1	1	0.4927487	0.3391872
492	EG England	2021-06-05	4810	12	1	1	1	1	1	0.4953137	0.3452912
493	EG England	2021-06-06	4405	4	1	1	1	1	1	0.1532871	0.1403980

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