

Plots

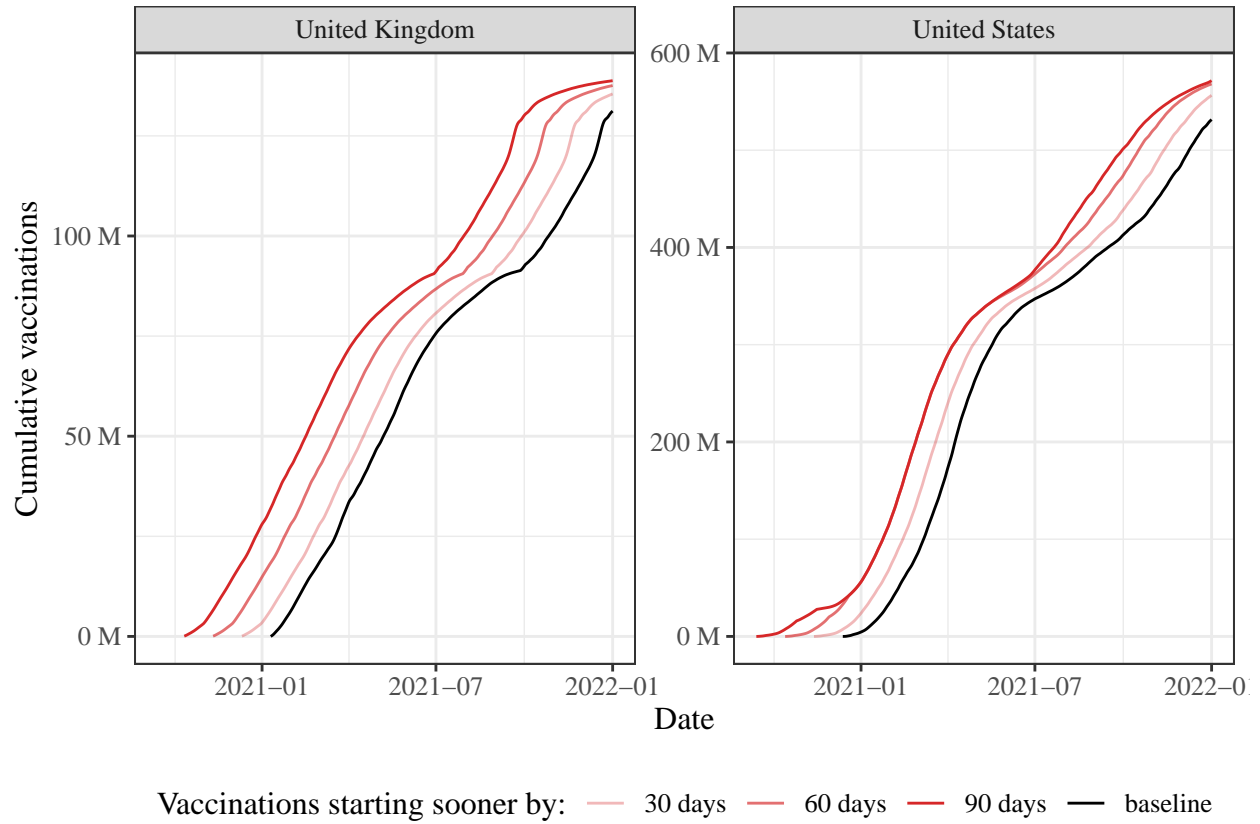


Figure 1: DJ4 Cumulative vaccine counterfactuals

Table 1: Total vaccinations at sample dates

Counterfactual scenario	2021-01-01	2021-04-01	2021-07-01
United Kingdom			
Baseline	0	33,337,926	75,688,766
Vaccines 30 days sooner	3,460,361	42,486,427	80,736,395
Vaccines 60 days sooner	14,859,054	57,449,853	86,771,215
Vaccines 90 days sooner	28,042,344	71,663,088	91,140,069
United States			
Baseline	4,521,988	172,124,225	347,123,032
Vaccines 30 days sooner	23,889,241	238,670,399	357,876,350
Vaccines 60 days sooner	56,107,462	289,245,438	372,702,522
Vaccines 90 days sooner	56,107,489	289,245,510	376,955,754

Table 2: DJ5 Averted deaths

Counterfactual scenario	Deaths averted	Deaths averted per 10,000
United Kingdom		
Vaccines 30 days sooner	-10,297 [-14,392; -8,677]	-1.54 [-2.15; -1.29]
Vaccines 60 days sooner	-38,156 [-41,006; -32,924]	-5.69 [-6.11; -4.91]
Vaccines 90 days sooner	-56,912 [-59,944; -51,235]	-8.48 [-8.94; -7.64]
United States		
Vaccines 30 days sooner	-28,813 [-104,112; 60,806]	-0.87 [-3.14; 1.83]
Vaccines 60 days sooner	-99,247 [-228,949; 89,877]	-2.99 [-6.91; 2.71]
Vaccines 90 days sooner	-160,778 [-270,186; -18,949]	-4.85 [-8.15; -0.57]

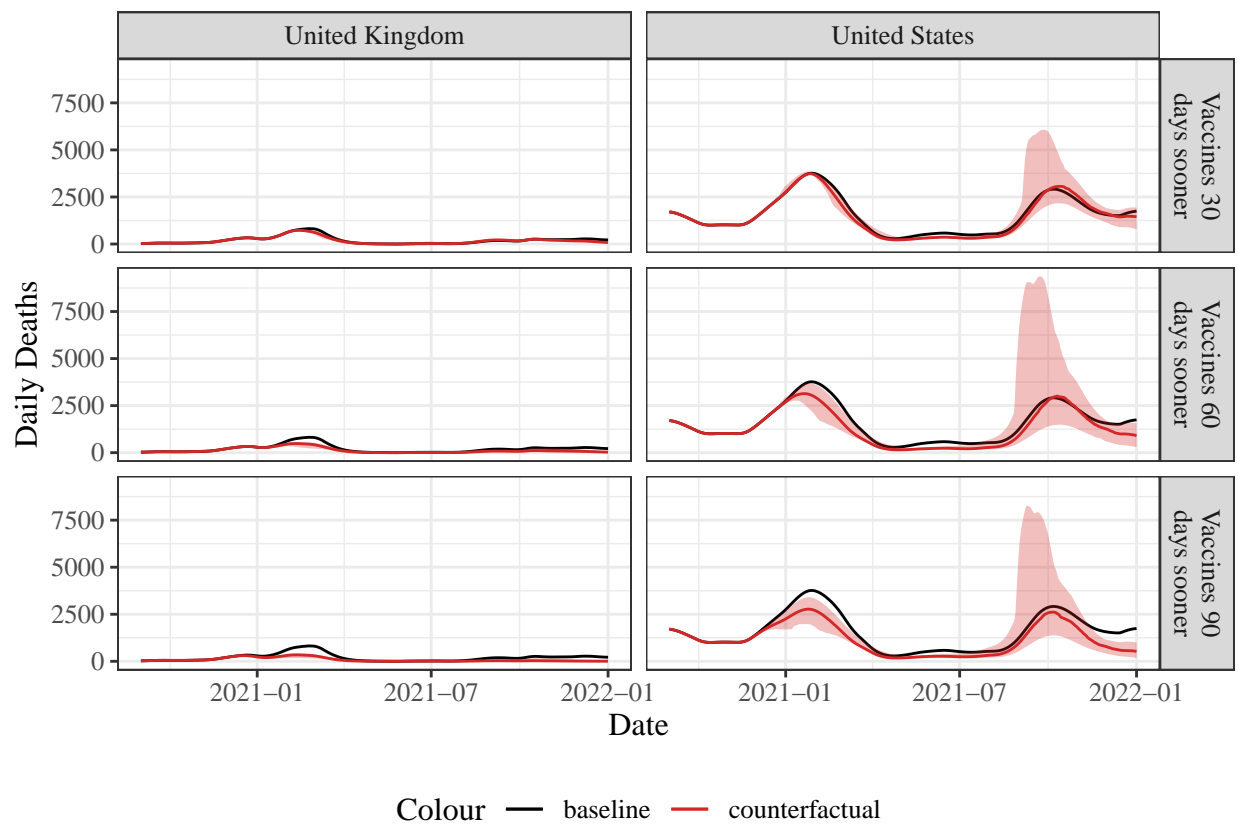


Figure 2: DJ6 Daily deaths per scenario

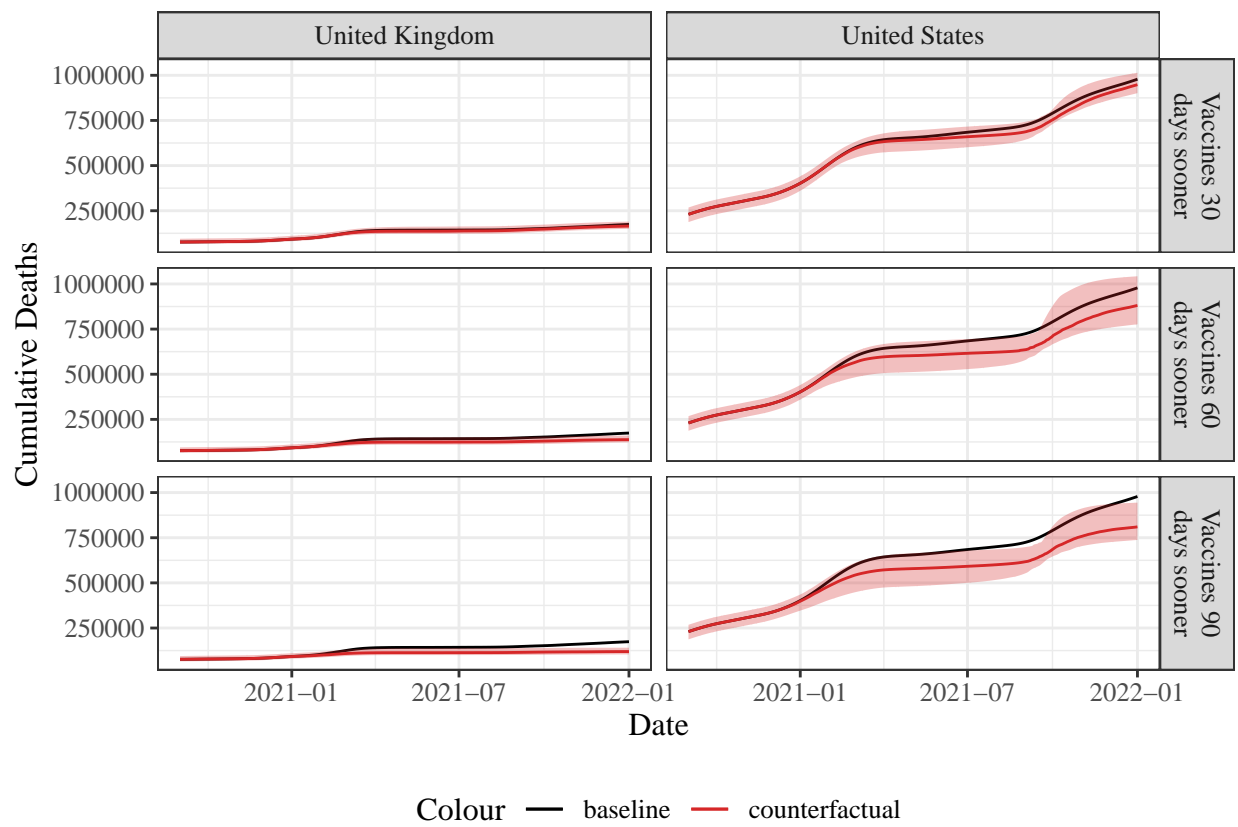


Figure 3: Cumulative deaths per scenario

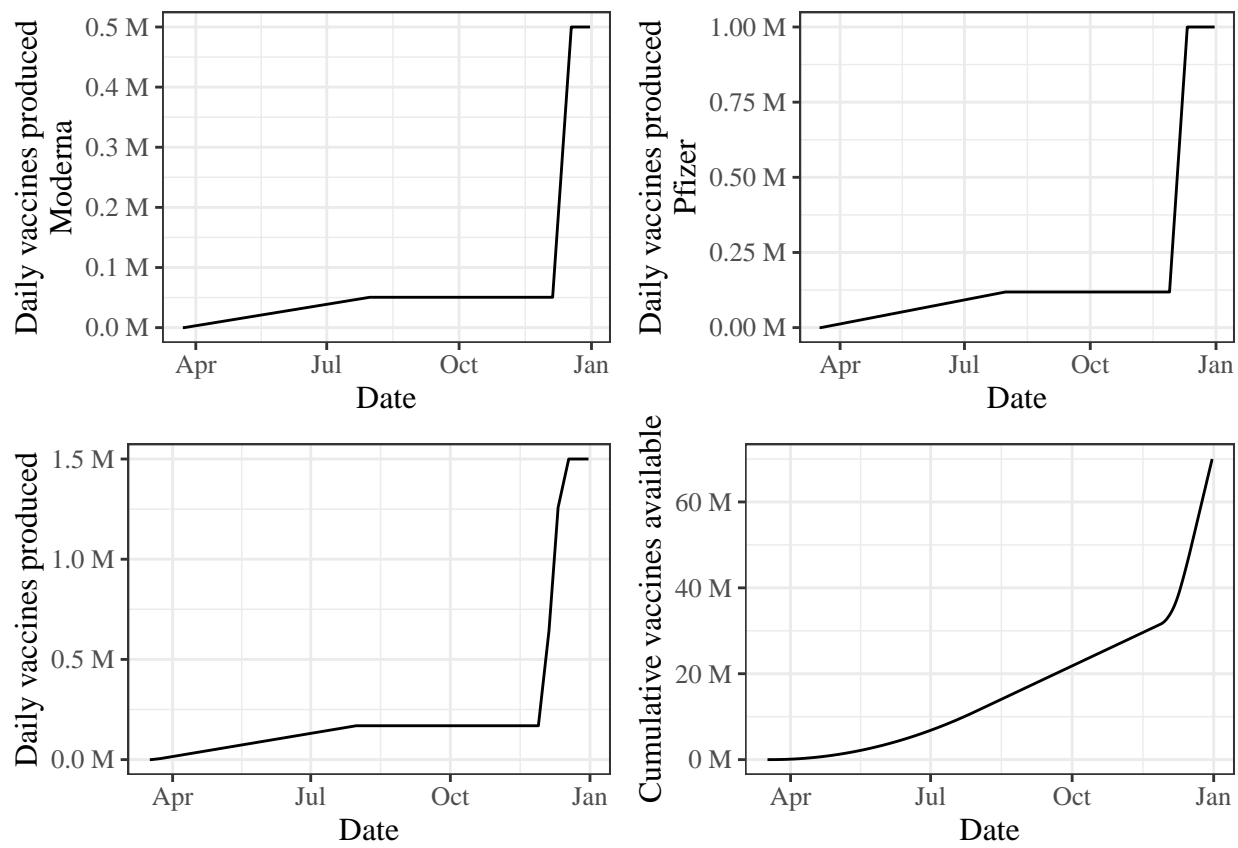


Figure 4: DJ9 Vaccine production assumptions

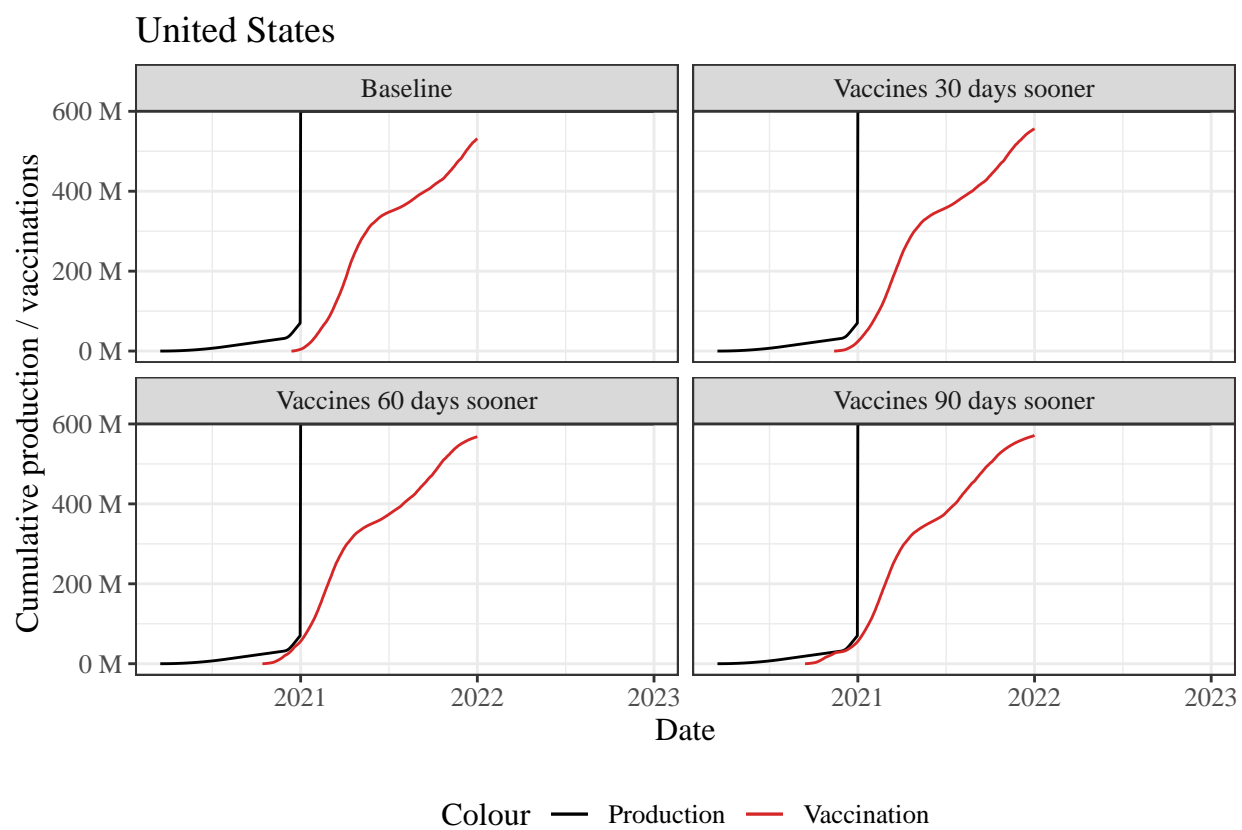


Figure 5: DJ10 Limits from production

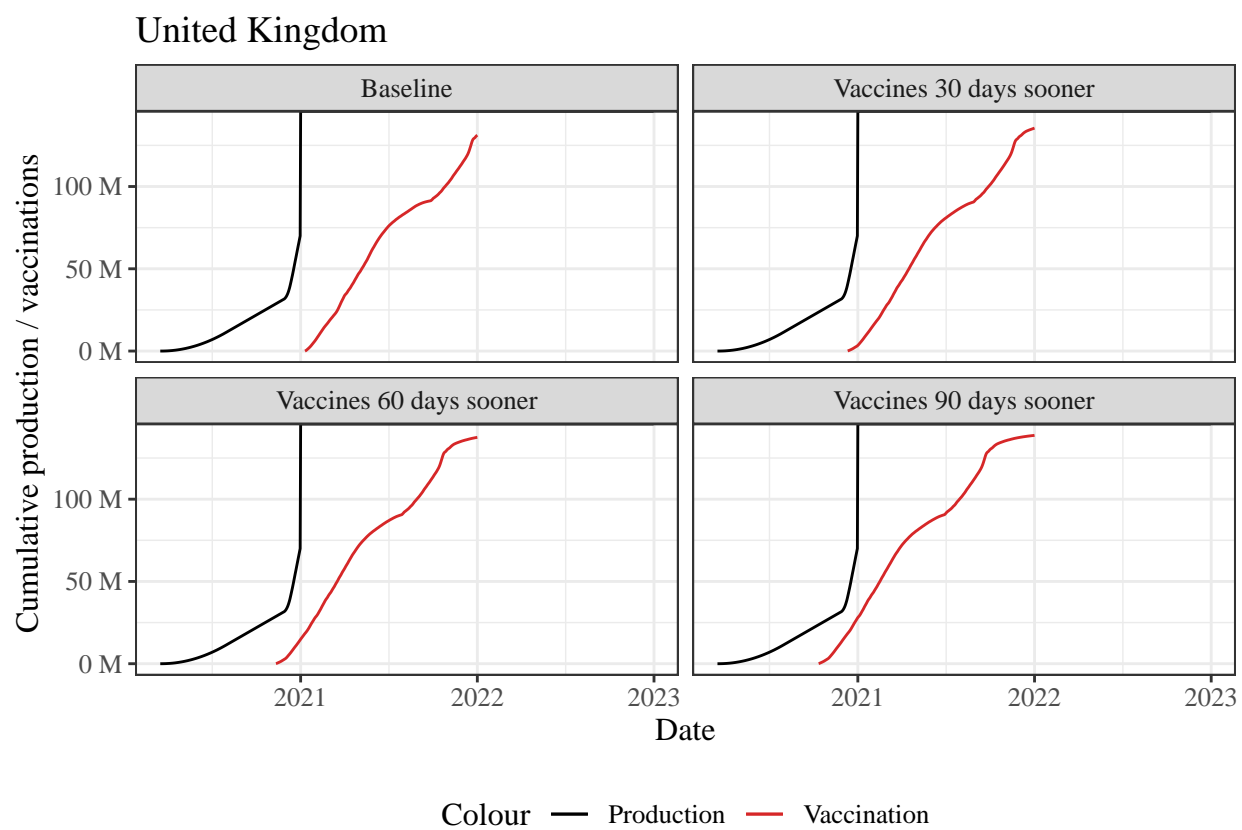


Figure 6: DJ10 Limits from production