

Supplementary material for:
Avoiding bias in self-controlled case series studies
of COVID-19

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1 Preliminary and published data

Supplementary Table 1 contrasts the preliminary data used in this paper to the data eventually published in The Lancet.

Table 1: AMI and stroke: vital status and temporal relationship to COVID-19 in preliminary (Prelim) and published (Pub) data.

	AMI data		Stroke data	
	Prelim	Pub	Prelim	Pub
Total cases	176	186	247	254
Died in observation period	36	36	72	72
Events in 28 days pre-COVID	27	33	53	65
Events on day of COVID	34	27	36	25
Events in 28 days post-COVID	32	36	42	41

2 Further comparison of standard and extended SCCS models

Supplementary Figures 1 and 2 repeat the simulations described in Section 3 of the main paper, with separate risk periods 1-7 days, 8-14 days and 15-28 days rather than the combined 1-28 day risk period.

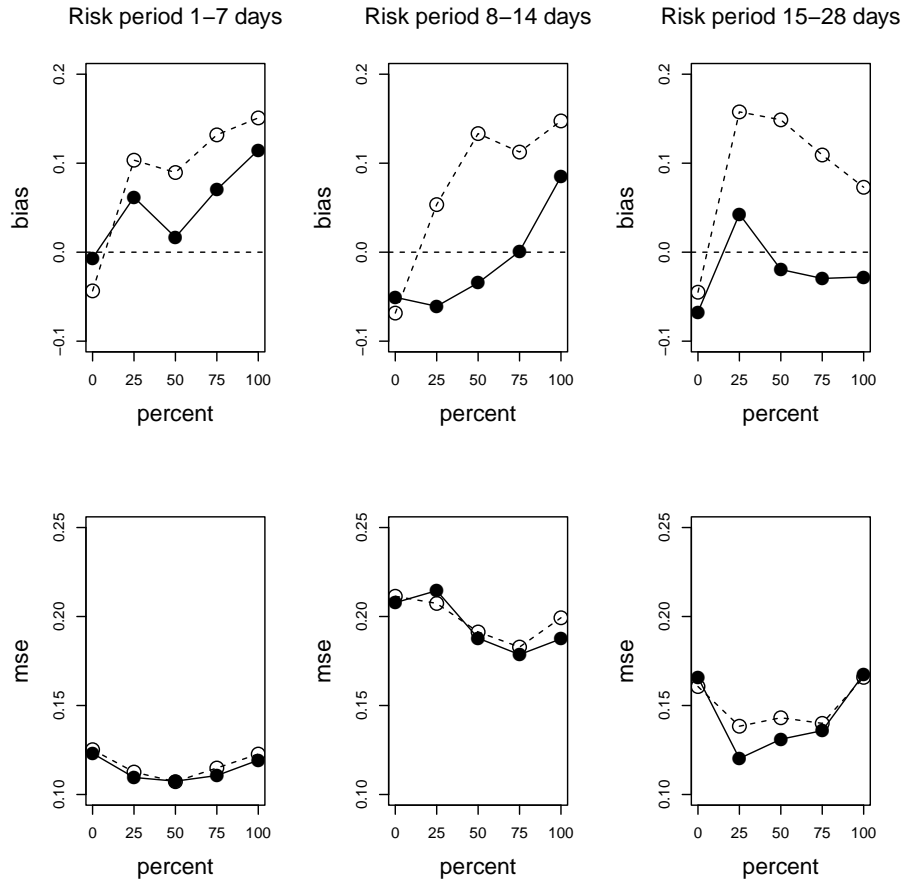


Figure 1: Bias (top row) and mean squared error (bottom row) of the log relative incidence of AMI for the 1-7, 8-14, and 15-28 day post-COVID-19 risk periods, by percentile of deaths attributed to the event. Circles: standard SCCS model. Full dots: extended SCCS model.

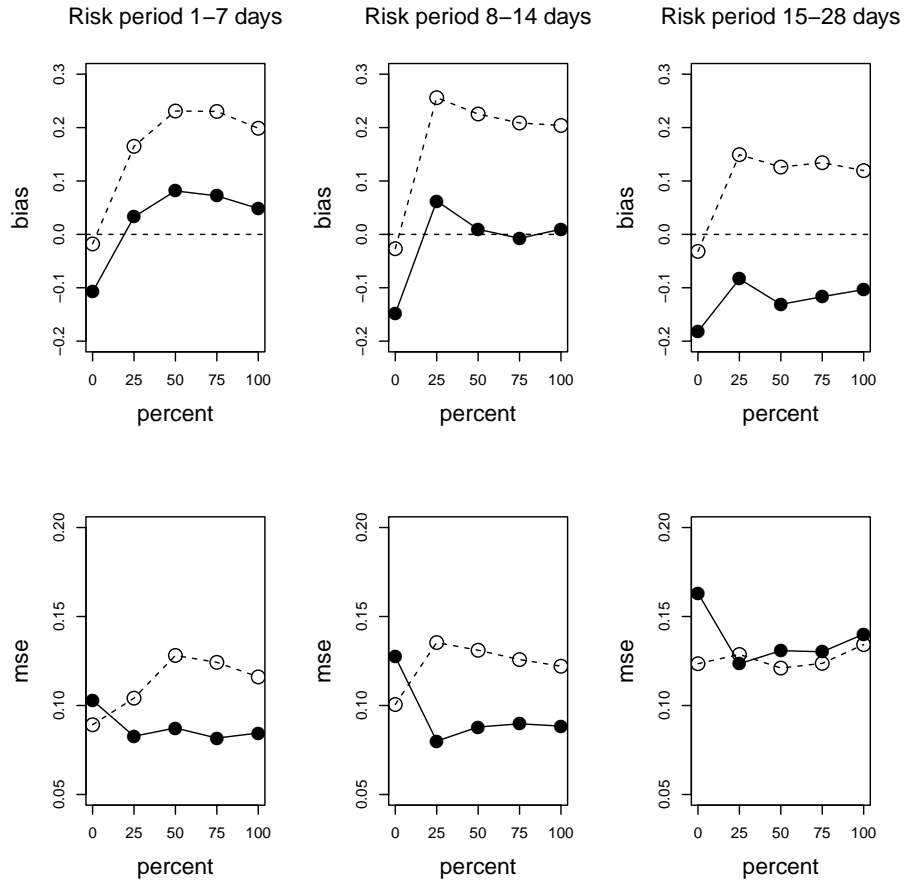


Figure 2: Bias (top row) and mean squared error (bottom row) of the log relative incidence of stroke for the 1-7, 8-14, and 15-28 day post-COVID-19 risk periods, by percentile of deaths attributed to the event. Circles: standard SCSS model. Full dots: extended SCSS model.