

Supplementary table 1: A summary of the data available from the 40 papers included in the rapid systematic review.

Data available	N papers	References	Comment
Able to simulate SI or GT distribution	28	1-2,4-8,10-11,13-15,17-25,30-31,33,35-37,39	34 estimates from 28 papers. Plotted in Figure 2.
Information available to simulate distribution but could not replicate summary statistics in the paper	1	34	Extracted underlying data but could not replicate summary statistics.
Reported fitting a distribution but not enough information available to simulate it.	1	16	Partial underlying data extracted
Distribution not fitted but underlying data available	7	3,9,26,27,28,32,40	Could not replicate summary statistics for (Ki & 2019-nCoV, 2020)
Distribution not fitted and unable to extract underlying data but histograms representing serial interval data available in paper.	2	29,38	
Distribution not fitted, unable to extract underlying data and no plot of distribution available in paper.	1	12	
TOTAL	40		