Supplementary Information for *Using real-time modelling to optimise an outbreak response: Insights from the 2017 Ebola outbreak in the Democratic Republic of the Congo*

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Supplementary Figure

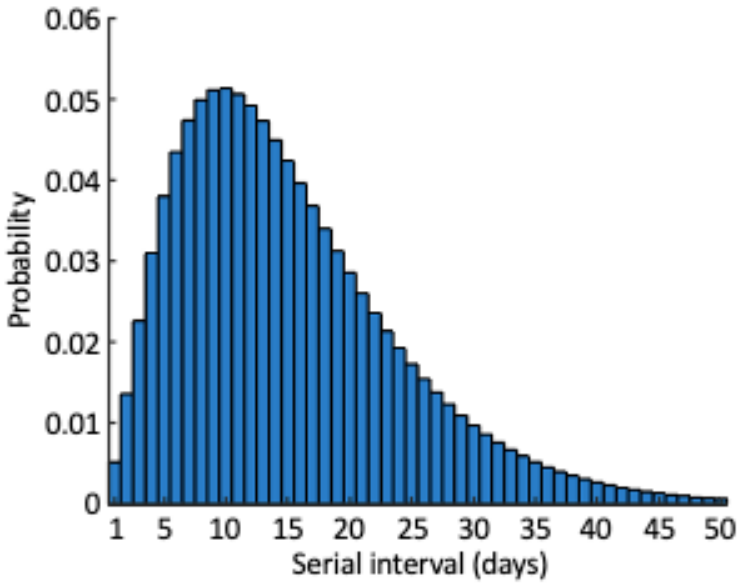

Figure S1. The discrete serial interval distribution assumed in our analyses. To obtain this distribution, the continuous serial interval was assumed to be a gamma distribution with mean 15.3 days and standard deviation 9.3 days [1]. The continuous distribution was then discretised using the method from [2] (see also equation (1) in the main text).

References

1. Van Kerkhove MD, Bento AI, Mills HL, Ferguson NM, Donnelly CA. A review of epidemiological parameters from Ebola outbreaks to inform early public health decision-making. Sci Data. 2015;2: 150019.

2. Cori A, Ferguson NM, Fraser C, Cauchemez S. A new framework and software to estimate time-varying reproduction numbers during epidemics. Am J Epidemiol. 2013;178: 1505–12.