

THE LANCET

Supplementary appendix

This appendix formed part of the original submission. We post it as supplied by the authors.

Supplement to: Bellan SE, Pulliam JRC, Dushoff J, Meyers LA. Ebola control: effect of asymptomatic infection and acquired immunity. *Lancet* 2014; published online Oct 14. [http://dx.doi.org/10.1016/S0140-6736\(14\)61839-0](http://dx.doi.org/10.1016/S0140-6736(14)61839-0).

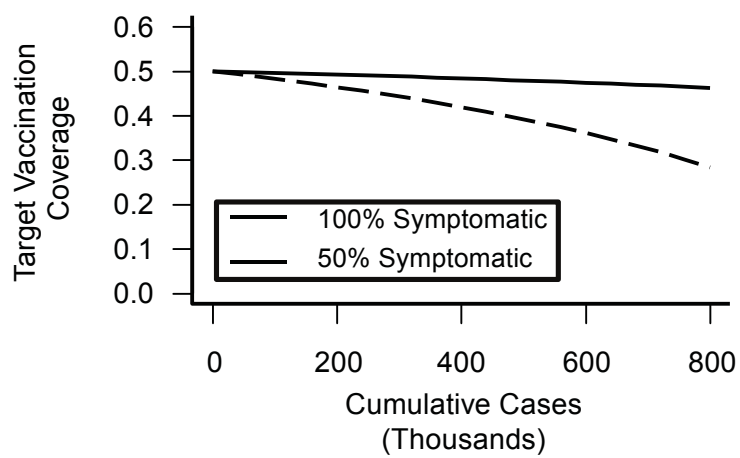


Figure: Effects of immunising asymptomatic infections on the vaccination coverage needed to interrupt Ebola transmission

Population-level vaccine coverage (proportion vaccinated) needed to contain the Ebola epidemic (reduce R_0 below one) in scenarios with no asymptomatic infection (solid line) and 50% asymptomatic infection (dashed line). Vaccination targets decrease throughout the epidemic as natural immunity builds up in the population, through both symptomatic and asymptomatic infection. The code for models and calculations are from the Ebola code repository (<http://ebola.ici3d.org>).