

Supplementary Material

Target immunity levels for achieving and maintaining
measles elimination

Sebastian Funk, Jennifer K. Knapp, Emmaculate Lebo, Susan E. Reef,
Alya J. Dabbagh, W. John Edmunds, Peter M. Strebel

Figures

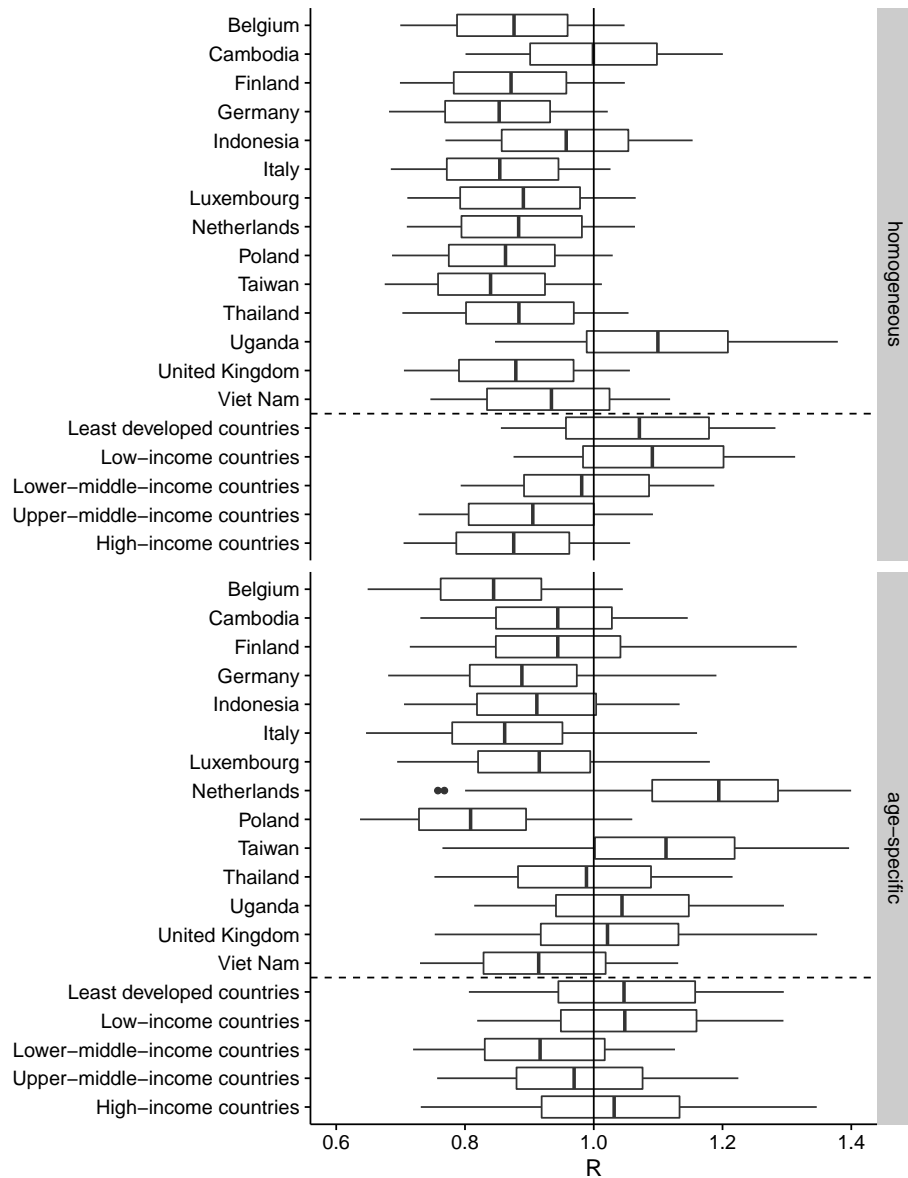


Figure S1. Estimates of what the reproduction numbers of measles would be in a scenario of immunity at current target levels, under assumptions of homogeneous (top) versus age-specific (bottom) mixing. A smaller version of this graph with selected countries can be found in the main paper (Fig. 1).

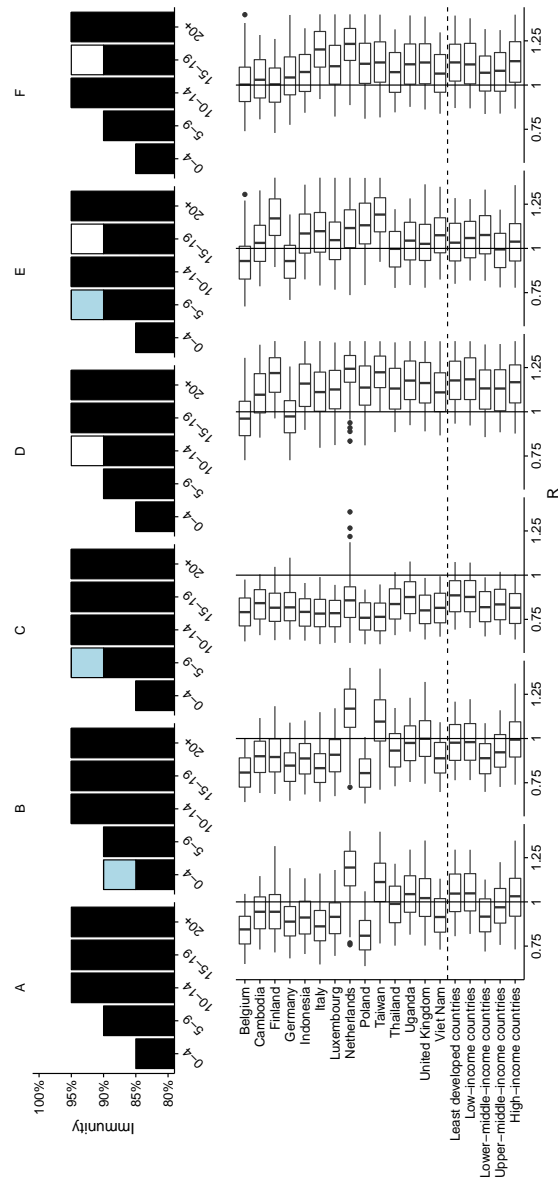


Figure S2. Estimates of what the reproduction numbers of measles would be in different scenarios, with age-specific mixing as measured in diary studies. Top: Scenarios of immunity levels. Bottom: Estimated reproduction numbers. Left to right: A) Current target levels. B) 5% higher immunity in under 5 year olds. C) 5% higher immunity in 5–9 year olds. D) 5% lower immunity in 10–14 year olds. E) 5% higher immunity in 5–9 year olds and 5% lower immunity in 15–19 year olds. F) 5% lower immunity in 15–19 year olds. A smaller version of this graph with selected countries can be found in the main paper (Fig. 2).