

A)

 $R_0 = 1.5$ $R_0 = 2$ $R_0 = 4$ Relative susceptibility of children (ψ) $\phi = 1$ $\phi = 1.5$ $\phi = 2$

0 0.15 0.3 0.45 0.6

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Adult-to-adult within-household transmission probability (p_{aa})

0 0.1 0.2 0.3 0.4 0.5 0.6

