S6 Fig. Robustness of results to different values of the basic reproductive number. $R_{0}$ is varied by changing the infection rate, $\beta$, between subfigures. For $R_{0}=$ 1.2 , true probabilities greater than 0.97 are classified into bins of size 0.01 . For $R_{0}=$ 1.6, true probabilities greater than 0.98 are classified into bins of size 0.01 . For $R_{0}=2$ and $R_{0}=4$, true probabilities greater than 0.99 are classified into a bin of size 0.01 .





