Supplementary Material

Figure 1: Histogram of estimated R_0 values using LHS with 1,000 parameter combinations, where the maximum has been restricted to 20. Summary statistics: 13.67 (mean), 13.69 (median), 7.76 (2.5%) and 19.49 (97.5%)
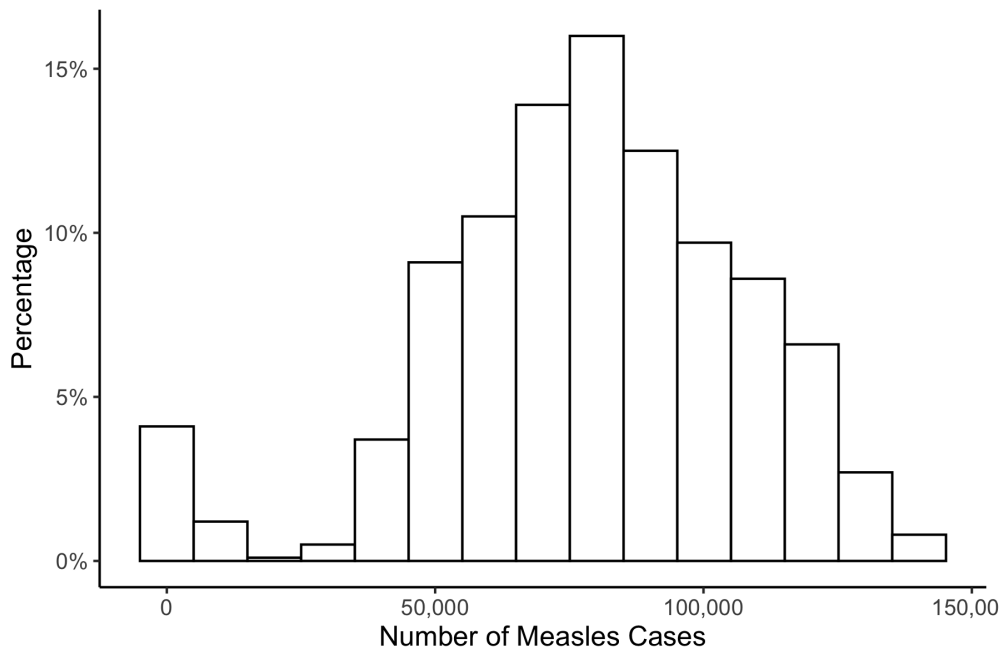
Figure 2: Histogram of estimated size of 2017 measles epidemic if vaccination had not occurred using LHS with 1,000 parameter combinations. Summary statistics: 78,151 (mean), 79,404 (median), 609 (2.5%), 127,147 (97.5%)
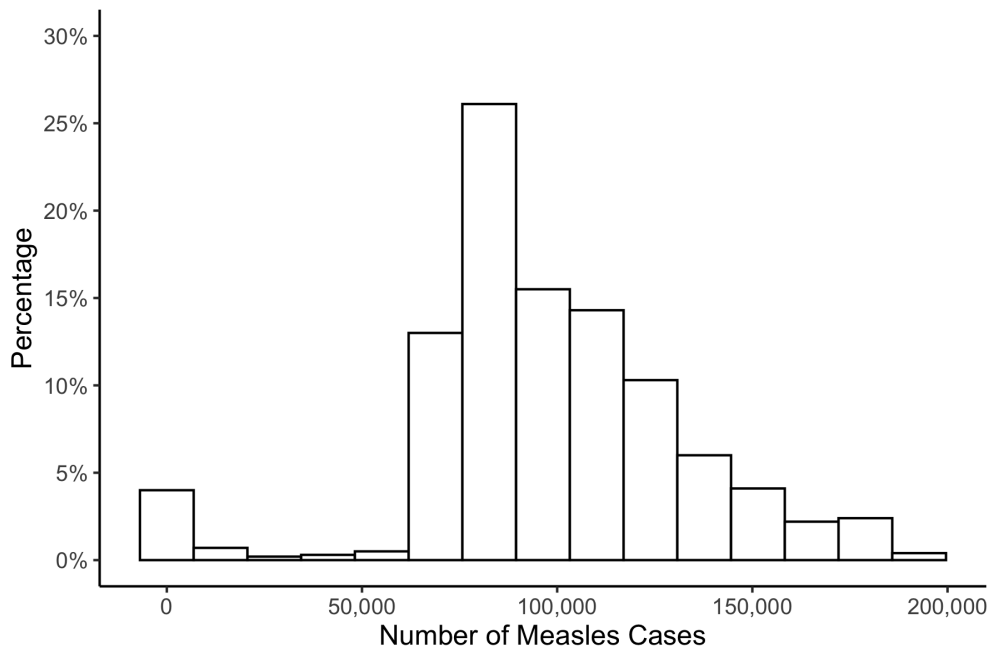

Figure 3: Histogram of estimated size of next measles epidemic if vaccination does not occur using LHS with 1,000 parameter combinations. Summary statistics: 97,637 (mean), 93,718 (median), 47 (2.5%), 173,397 (97.5%)