

Inoculated

Result

yes, 0.0392

lived, 0.9754

$$0.0392 \times 0.9754 = 0.03824$$

died, 0.0246

$$0.0392 \times 0.0246 = 0.00096$$

no, 0.9608

lived, 0.8589

$$0.9608 \times 0.8589 = 0.82523$$

died, 0.1411

$$0.9608 \times 0.1411 = 0.13557$$