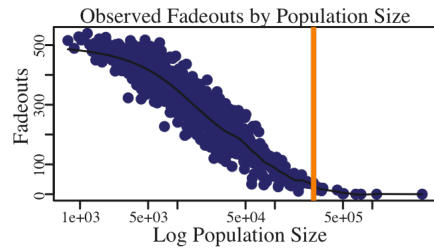


## Supplementary Material 1

**Fig. S1.** Here we show the classic relationship between population size and number of fadeouts as seen in pre-vaccination England and Wales from 1944-1964. Orange line indicates CCS [1].



## Reference

1. **Bartlett MS.** Measles periodicity and community size. *Journal of the Royal Statistical Society Series A: General* 1957; **120**: 48-70.