S3 Appendix: The effects of Random Testing

S3.1 Fig: Effects of random testing. If the testing is assumed to be purely random, with individuals picked out randomly from the population with no preference given to symptomatic individuals, the efficiency of testing is extremely low, as can be seen. While an increase in the daily testing does reduce the total infected fraction at the end of the pandemic, it is nowhere near as effective as targeted testing at the testing rates employed, demonstrating that it is extremely desirable to target symptomatics.