

Supplementary Table 1: PQTR of more than 10,000 simulated quarantine strategies for 4 RT-PCR tests and 2 Antigen tests listed in Table 2. PQTR are calculated for two scenarios when 1) onset of infection happens simultaneously from a single source of contact or event, or 2) onset of infection is unknown and assumed to be any time during the course of infection for asymptomatic carriers and during incubation period for symptomatic cases.