

S6 Fig. A theoretical Ct trajectory. E[Ct] is the expected Ct value on a given day. The Ct begins at the limit of detection, then declines from the time of infection (t_o) to the peak at χ cycles below the limit of detection at time t_p . The Ct then rises again to the limit of detection after t_r days. The model incorporating these parameter values used to generate this piecewise curve is given in Equation S1 (**Methods**).