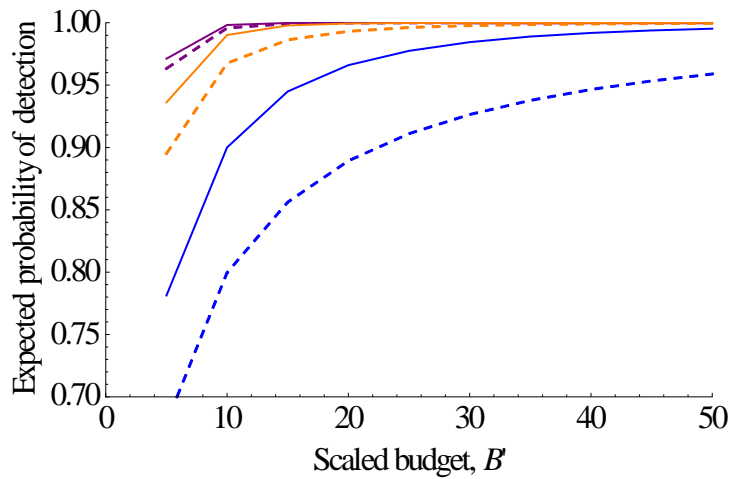**Figure S7**. **Difference between the optimal solution and a single visit.** Difference in the value of the objective function between the optimal solution (solid-line) and a single visit (dashed-line) when the objective is to (a) maximise the expected probability of detection and (b) maximise the probability of satisfying a prescribed detection target of 95%, for 3 different values of the coefficient of variation (purple: $\theta=0.5$, orange: $\theta=1$, blue: $\theta=3$). B/c = 15 for both graphs.

(a)

(b)