**Supplementary tables**

**Table S1: Criteria for selecting studies**

1. Infectiousness of HIV (transmission of HIV)
   a. Cohort studies; Nested CC; Cross-sectional studies
   b. Exposure group: HIV infected participants who acquire or are co-infected with malaria/HSV-2/TB (criteria for diagnosis)
   c. Control group: HIV infected without co-infection (participants can act as their own controls without co-infection or have matched controls)
   d. Controls matched either by CD4 count or date of seroconversion
   e. Cohorts: Follow for changes in VL
   f. Treatment effect on VL
   g. Or, partner studies with HIV seroincidence among HIV negative (discordant) partners of HIV co-infected participants compared to HIV only infected partners
   h. Control for exposure risk factors (use of bed-nets with malaria, suppressive therapy with HSV-2 and chemoprophylaxis with TB)
   i. Adults (exclude children)
   j. Studies elucidating biological mechanisms
   k. Not on ART
   l. Exclude pregnancy
   m. Exclude MTCT of HIV
   n. Exclude HIV-2
   
   Primary outcome: VL measurements with and without coinfection

2. Susceptibility to HIV (acquisition of HIV)
   a. Cohort studies
   b. HIV negative study participants
   c. Infection with malaria, HSV-2 or TB (criteria for diagnosis) among exposed and an uninfected control group
   d. Followed prospectively for incident HIV infection in both groups
   e. Adjusting for sexual behavior as a risk factor for HIV acquisition
   f. Adults (exclude children)
   g. Studies elucidating biological mechanisms
   h. Exclude studies with effective interventions to decrease HIV acquisition that are not the same in both arms
   i. Exclude pregnancy
   j. Exclude MTCT of HIV
   k. Exclude HIV-2
   
   Primary outcome: Incident HIV infection with and without coinfection

3. Additional exclusion criteria
   a. Case reports
   b. Screening of blood bank samples, except as matched controls
   c. Screening PUO