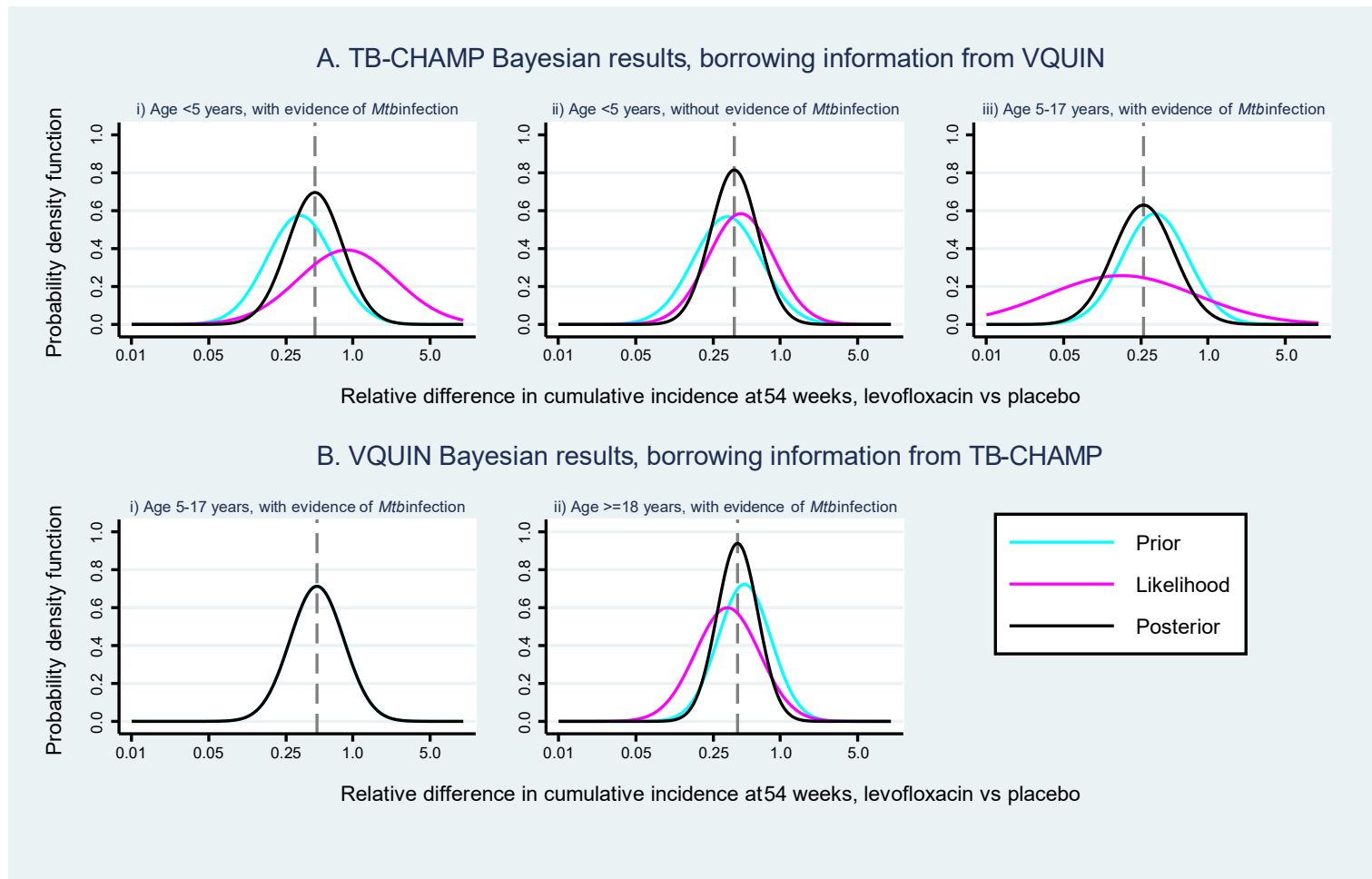


**Figure 2. Prior, likelihood and posterior distributions in the Bayesian analyses**



Bayesian analyses performed within pre-defined subgroups by age group and *Mtb* infection status. Prior distributions represent information borrowed from the other study, likelihoods represent observed information in the source data set and posterior distributions are obtained by combining the prior and likelihood in a Bayesian analysis.

In B(i), the likelihood is undefined because no TB events were observed, so the posterior and prior distributions correspond; this subgroup does not contribute to the combined Bayesian analysis weighted by number of events