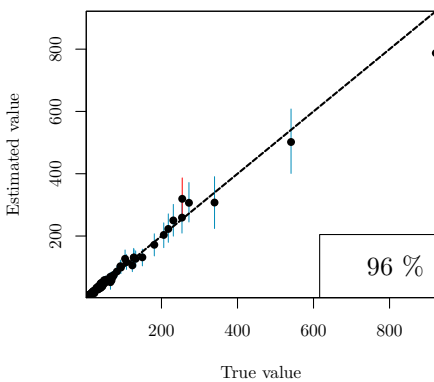
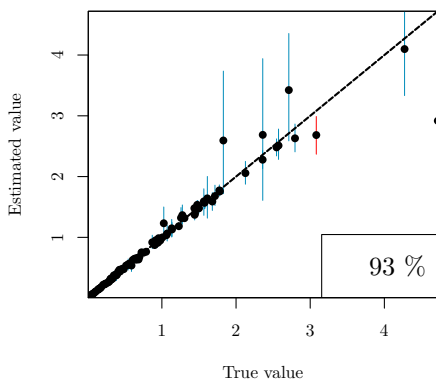
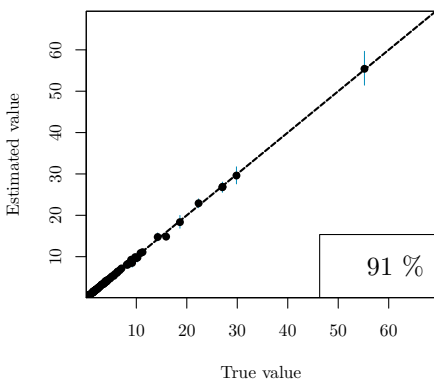
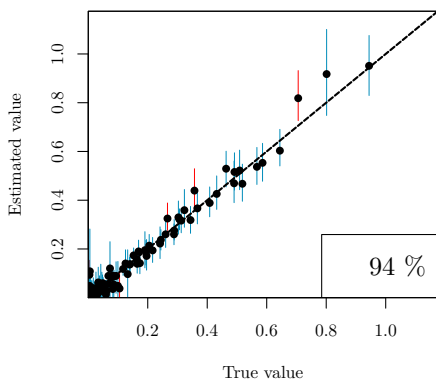
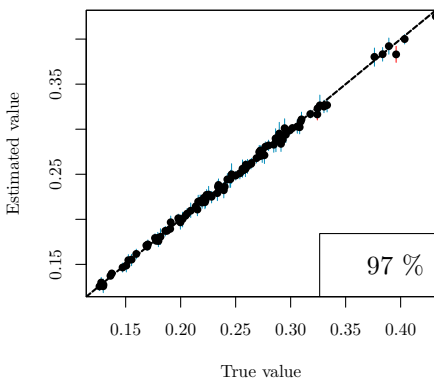


Birth rate λ  Γ  κ  σ  f_A  r_1 