

Rings

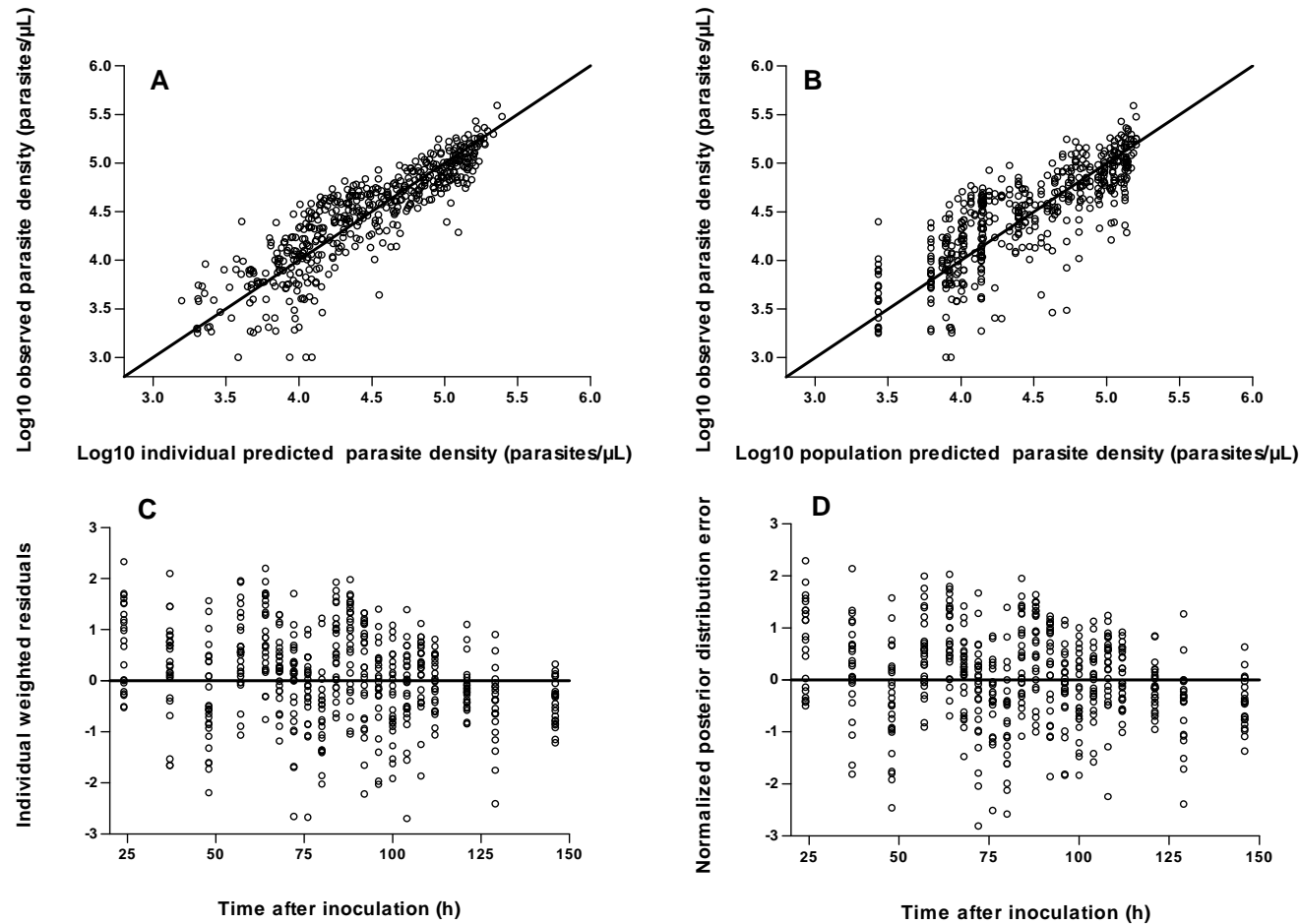


Fig. S1 – Goodness-of-fit plots for rings in the final model. The logarithmically transformed (A) individual- and (B) population-predicted parasite densities; the time after inoculation *vs.* (C) individual weighted residuals and (D) normalized posterior distribution error.

Early Trophozoites

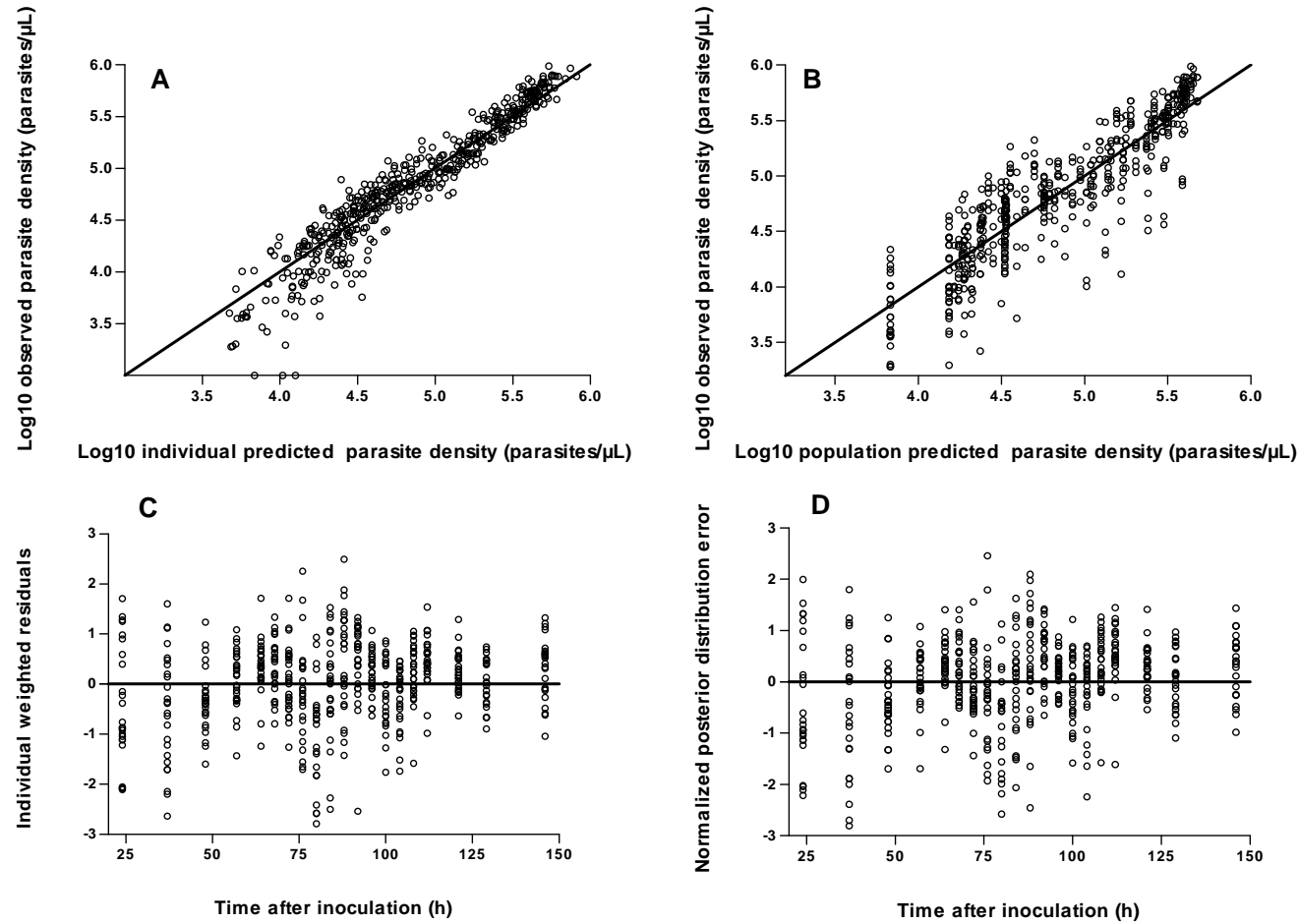


Fig. S2 – Goodness-of-fit plots for early trophozoites in the final model. The logarithmically transformed (A) individual- and (B) population-predicted parasite densities; the time after inoculation vs. (C) individual weighted residuals and (D) normalized posterior distribution error.

Late Trophozoites

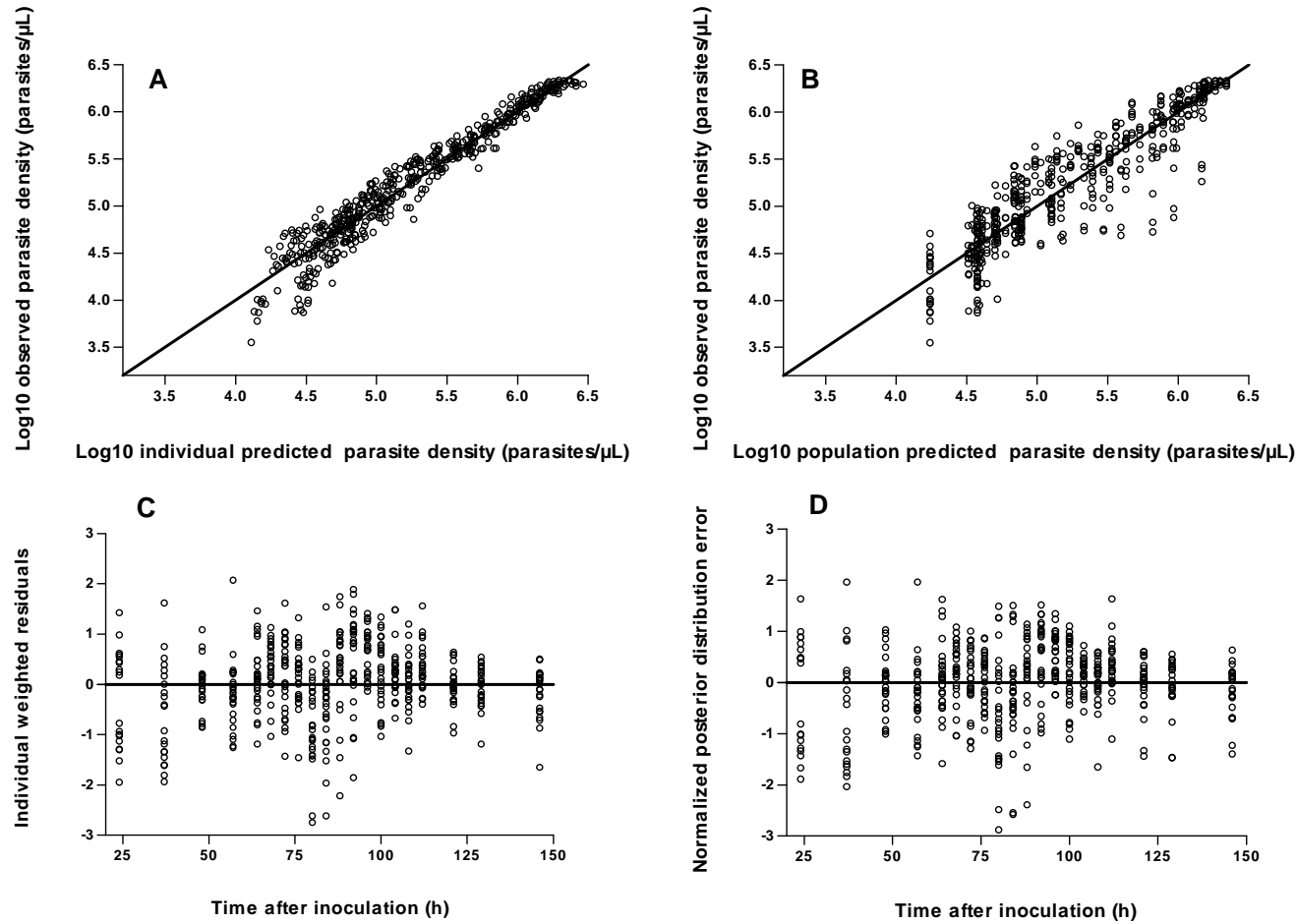


Fig. S3 – Goodness-of-fit plots for late trophozoites in the final model. The logarithmically transformed (A) individual- and (B) population-predicted parasite densities; the time after inoculation vs. (C) individual weighted residuals and (D) normalized posterior distribution error.

Schizonts

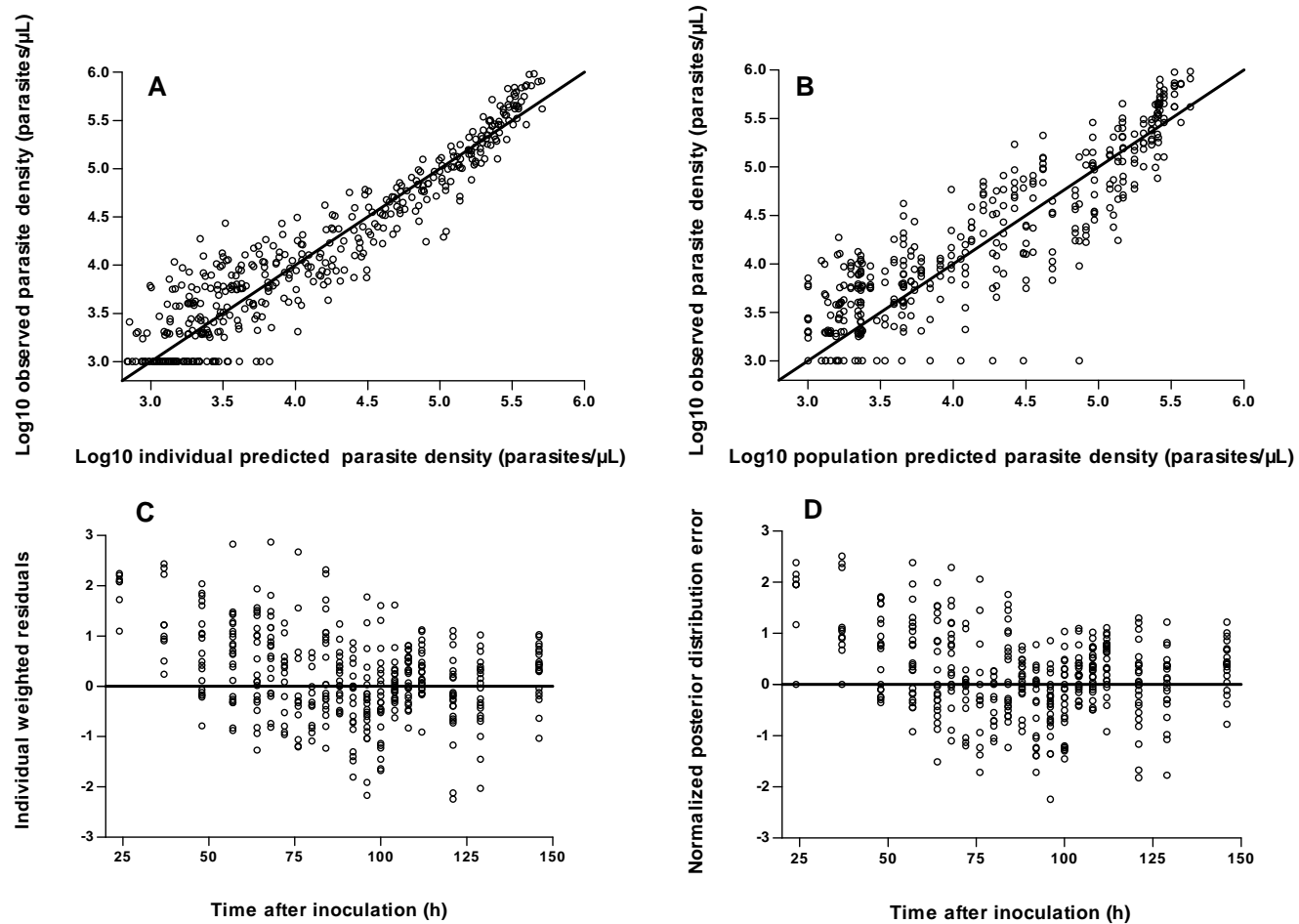


Fig. S4 – Goodness-of-fit plots for schizonts in the final model. The logarithmically transformed (A) individual- and (B) population-predicted parasite densities; the time after inoculation vs. (C) individual weighted residuals and (D) normalized posterior distribution error.