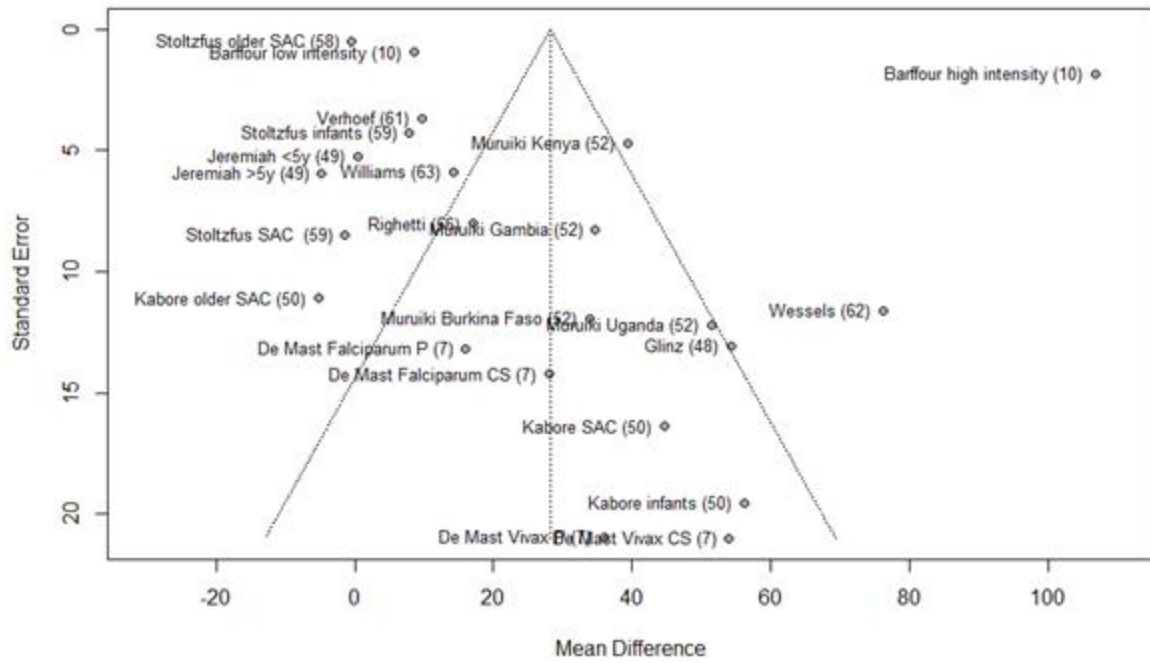
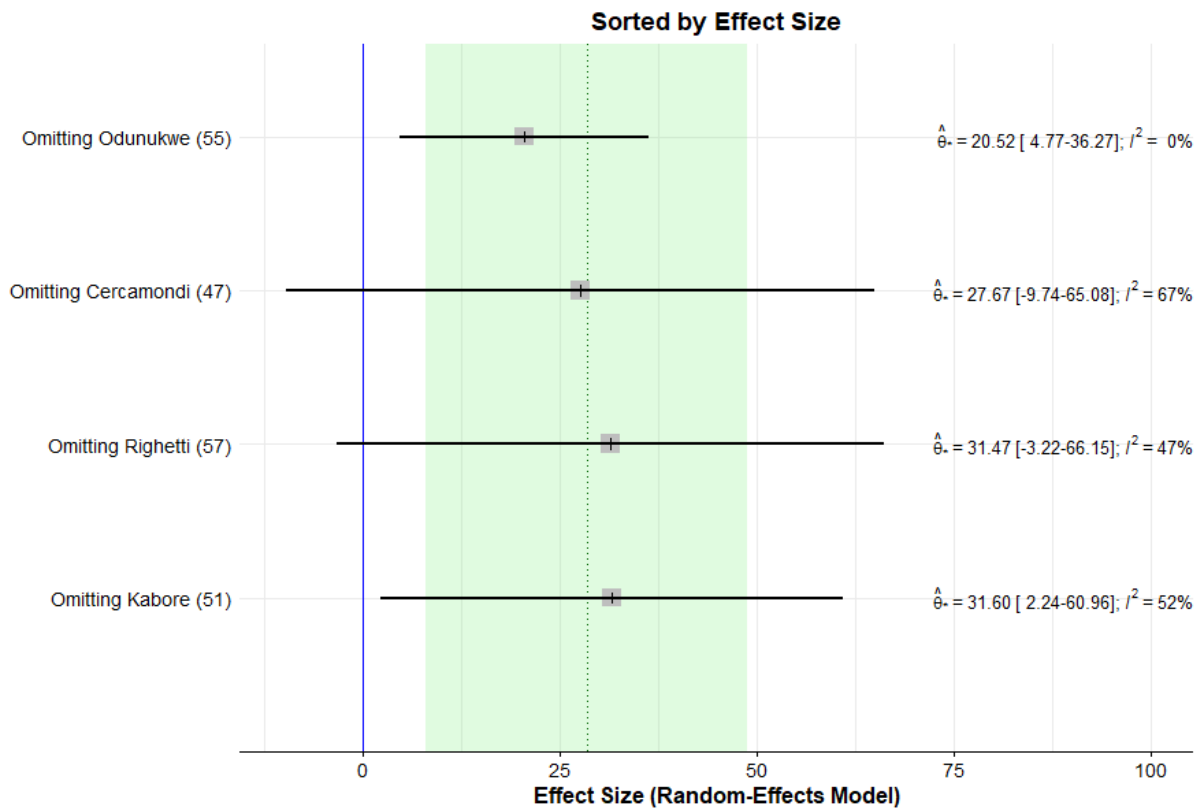


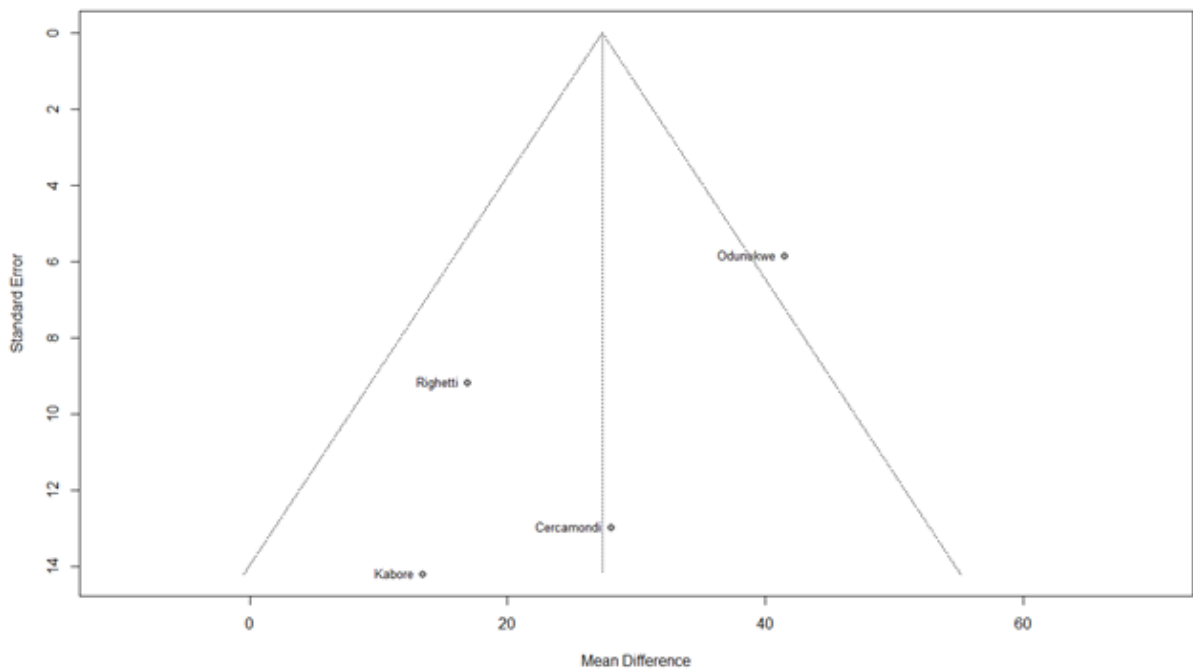
Supplementary figure 1: Sensitivity analysis of ferritin concentration ($\mu\text{g/L}$) between asymptomatic malaria and control in children, using leaving-one out analysis. Recalculated pooled effects, with one study omitted each time. The dashed line and shaded area represent the original pooled mean difference and its 95% confidence interval. CS, cross-sectional; SAC, school-age children; P, prospective



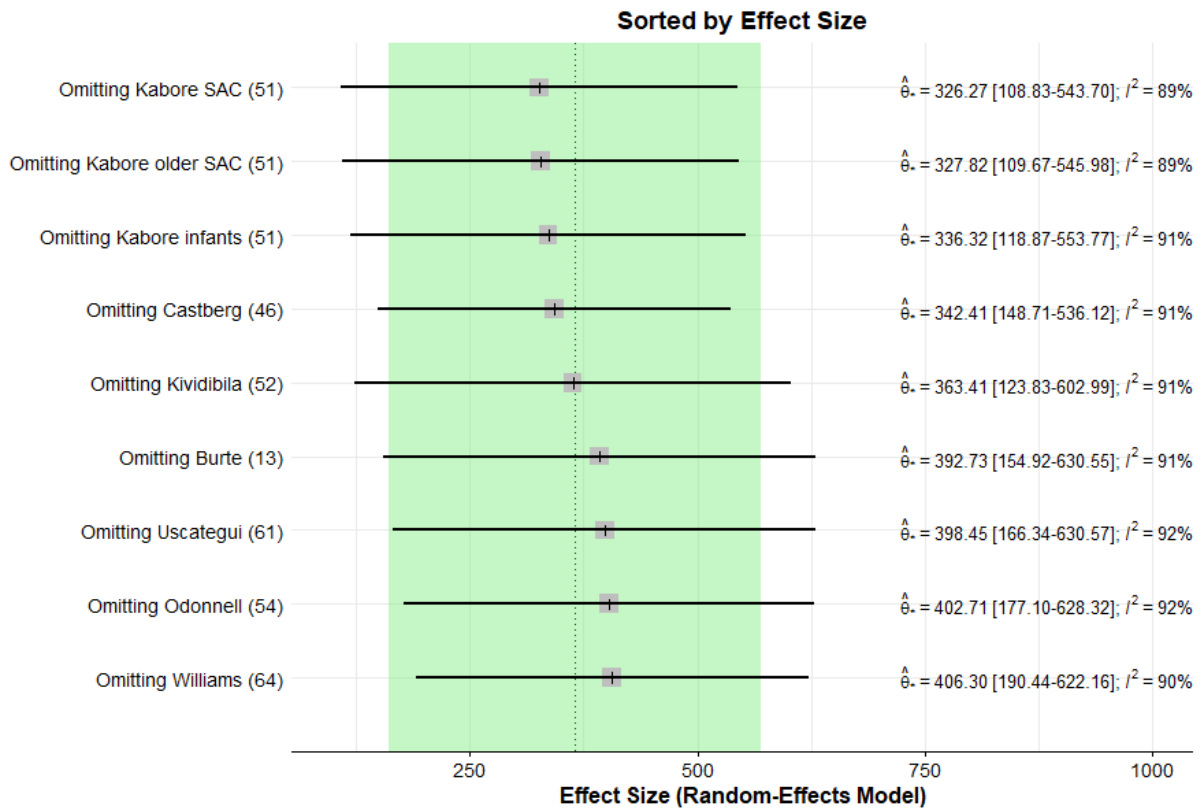
Supplementary figure 2: Funnel plot showing publications related to asymptomatic malaria and ferritin concentration ($\mu\text{g/L}$) in children. CS, cross-sectional; SAC, school-age children; P, prospective



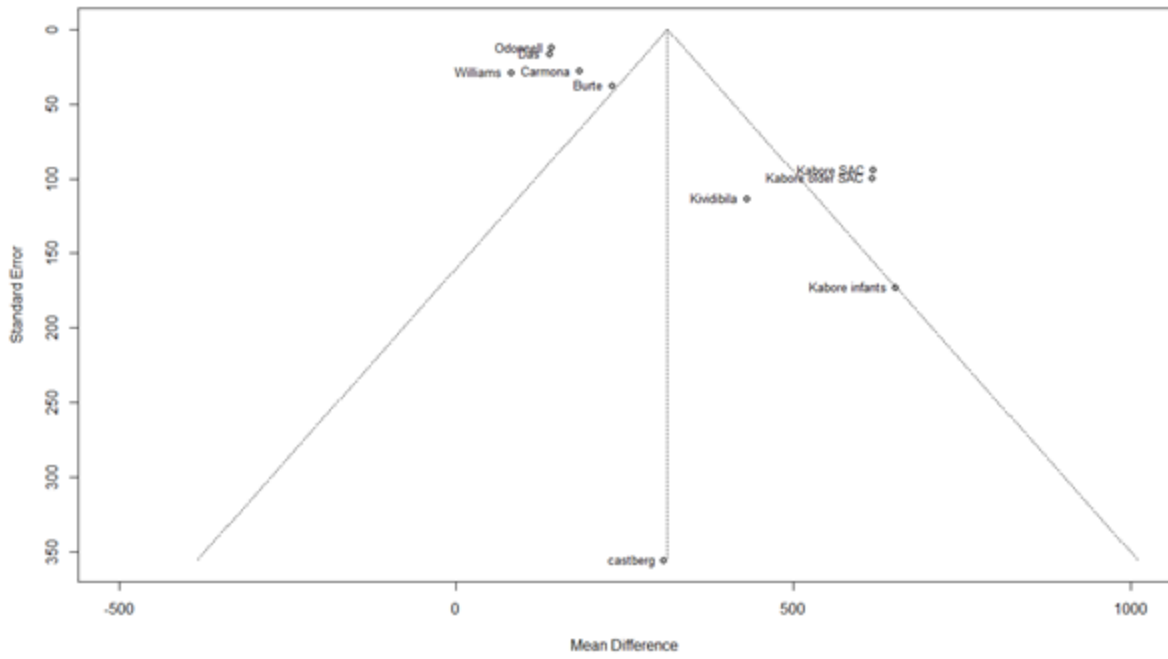
Supplementary figure 3: Sensitivity analysis of ferritin concentration ($\mu\text{g/L}$) between asymptomatic malaria and control in adults, using leaving-one out analysis. Recalculated pooled effects, with one study omitted each time. The dashed line and shaded area represent the original pooled mean difference and its 95% confidence interval.



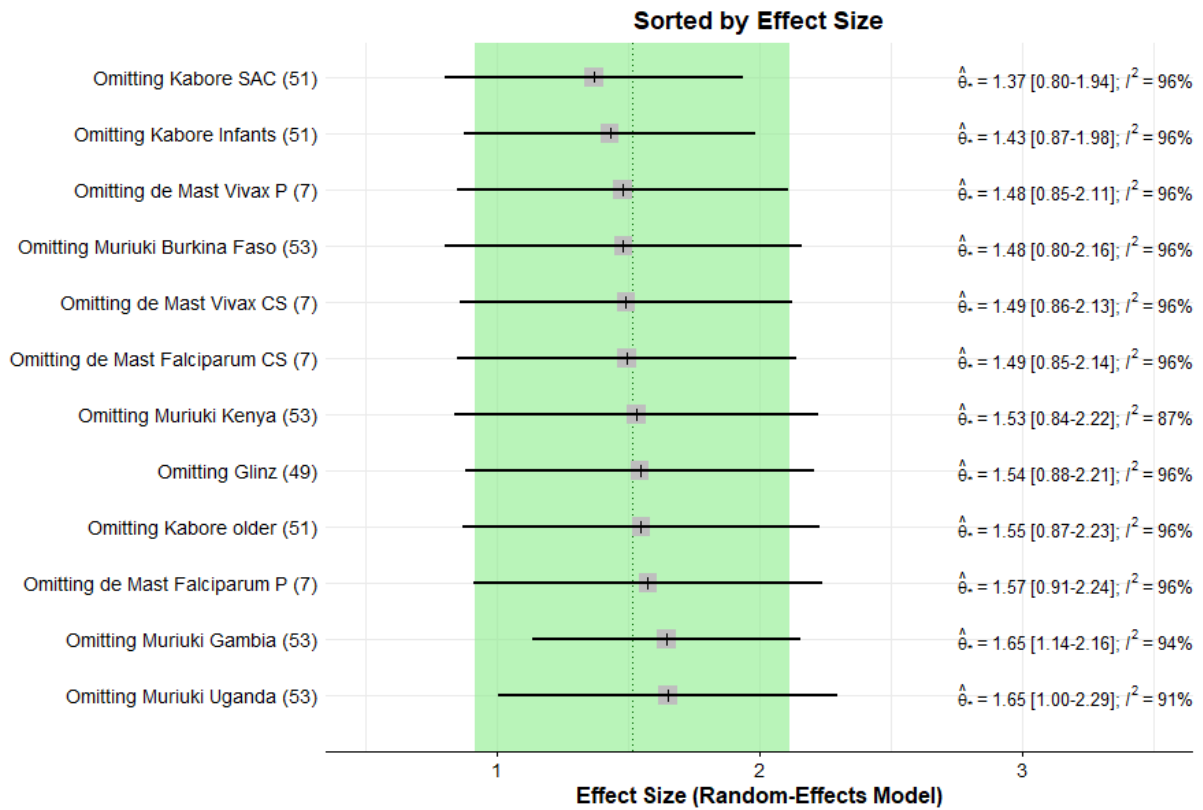
Supplementary figure 4: Funnel plot showing publications related to asymptomatic malaria and ferritin concentration ($\mu\text{g/L}$) in adults



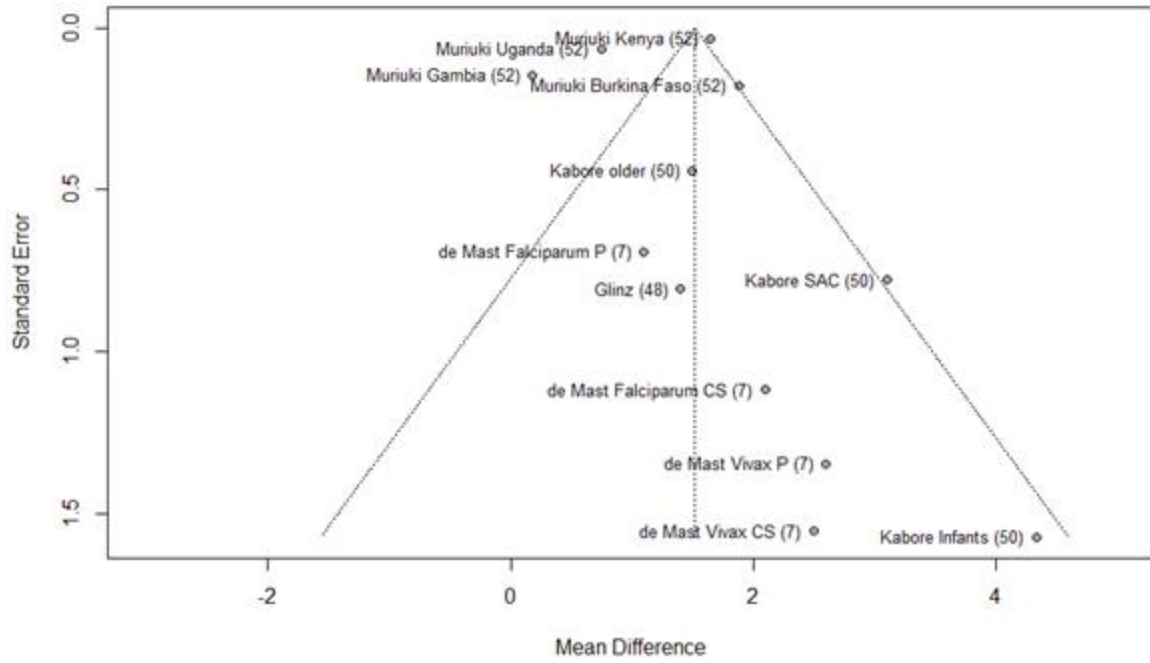
Supplementary figure 5: Sensitivity analysis of ferritin concentration ($\mu\text{g/L}$) between clinical malaria and control in children, using leaving-one out analysis. Recalculated pooled effects, with one study omitted each time. The dashed line and shaded area represent the original pooled mean difference and its 95% confidence interval. SAC, school-age children



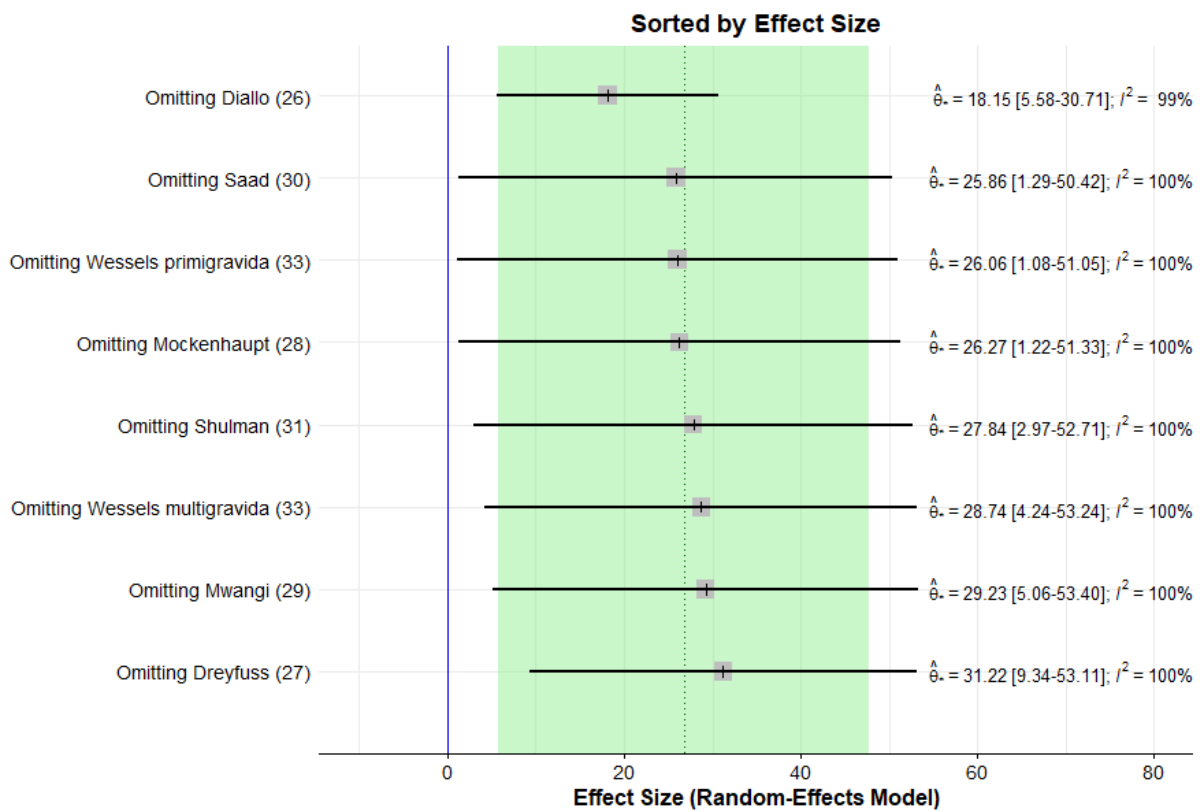
Supplementary figure 6: Funnel plot showing publications related to clinical malaria and ferritin concentration ($\mu\text{g/L}$) in children. SAC, school-age children



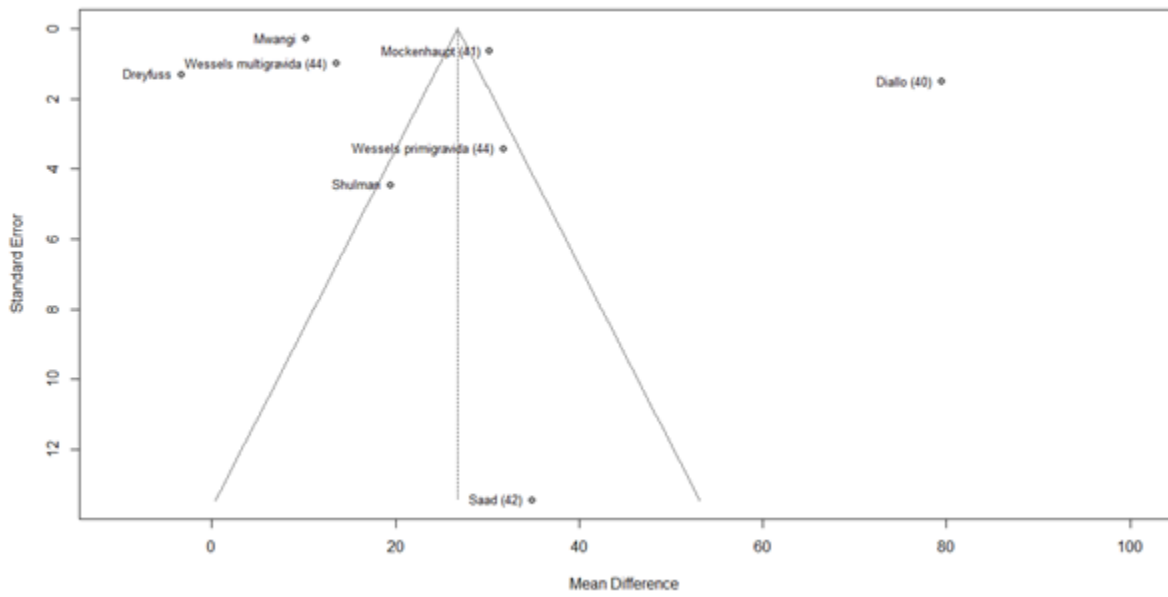
Supplementary figure 7: Sensitivity analysis of hepcidin concentration (nmol/L) between asymptomatic malaria and control in children, using leaving-one out analysis. Recalculated pooled effects, with one study omitted each time. The dashed line and shaded area represent the original pooled mean difference and its 95% confidence interval. SAC, school-age children; P, prospective; CS, cross-sectional.



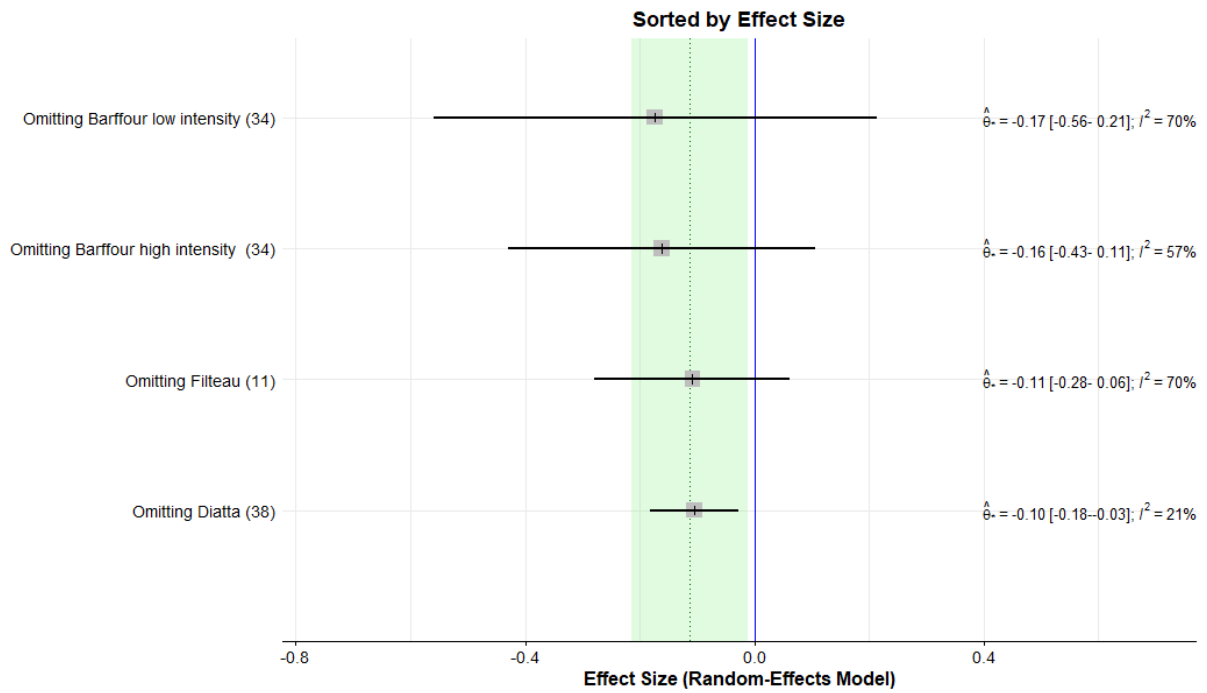
Supplementary figure 8: Funnel plot showing publications related to asymptomatic malaria and hepcidin concentration (nmol/L) in children. SAC, school-age children; P, prospective; CS, cross-sectional.



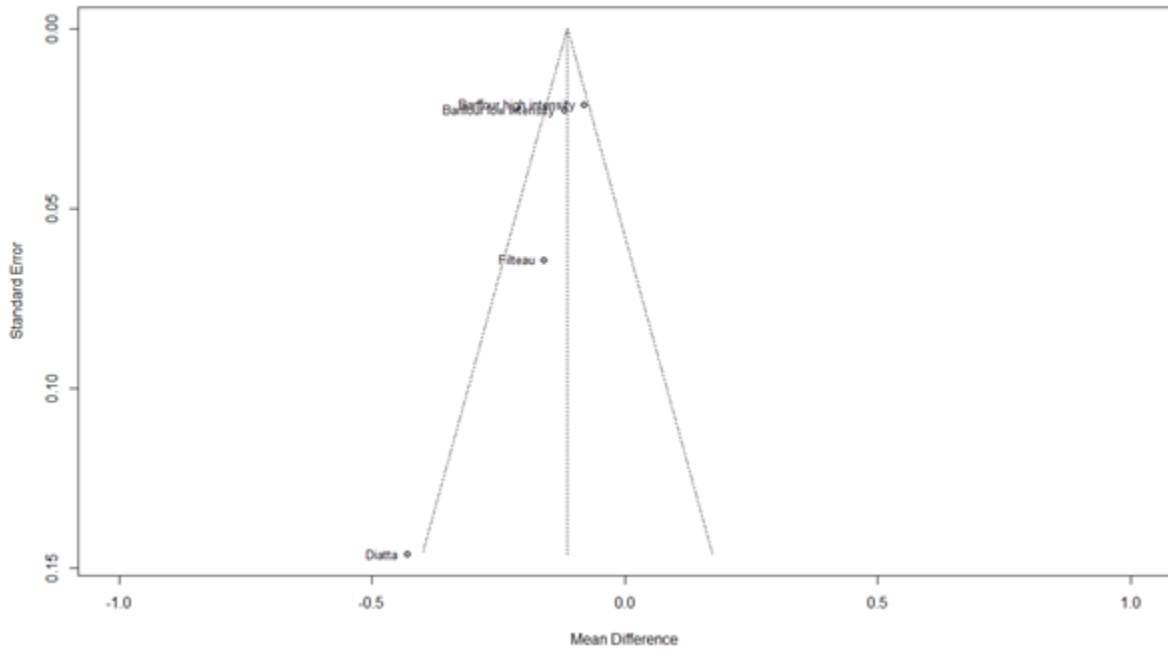
Supplementary figure 9: Sensitivity analysis of ferritin concentration ($\mu\text{g/L}$) between malaria and control in pregnant women, using leaving-one out analysis. Recalculated pooled effects, with one study omitted each time. The dashed line and shaded area represent the original pooled mean difference and its 95% confidence interval.



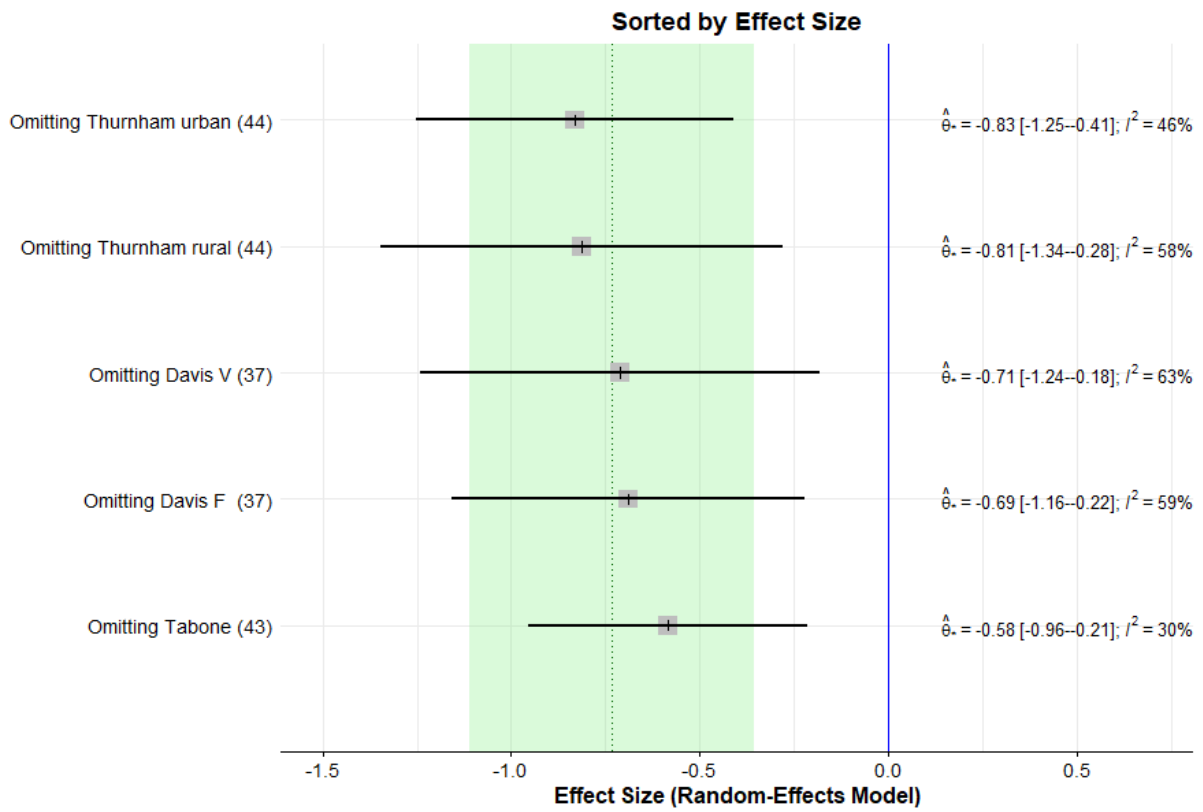
Supplementary figure 10: Funnel plot showing publications related to malaria and ferritin concentration ($\mu\text{g/L}$) in pregnant women



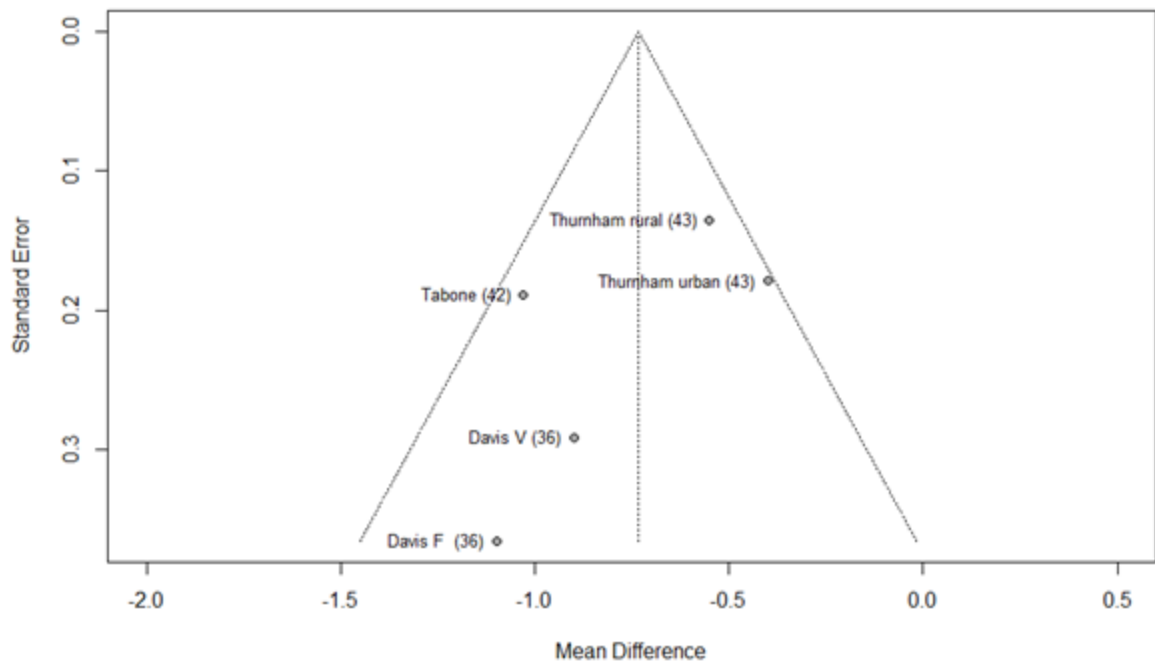
Supplementary figure 11: Sensitivity analysis of retinol concentration ($\mu\text{mol/L}$) between asymptomatic malaria and control in children, using leaving-one out analysis. Recalculated pooled effects, with one study omitted each time. The dashed line and shaded area represent the original pooled mean difference and its 95% confidence interval.



Supplementary figure 12: Funnel plot showing publications related to asymptomatic malaria and retinol concentration ($\mu\text{mol/L}$) in children



Supplementary figure 13: Sensitivity analysis of retinol concentration ($\mu\text{mol/L}$) between malaria and control in adults, using leaving-one out analysis. Recalculated pooled effects, with one study omitted each time. The dashed line and shaded area represent the original pooled mean difference and its 95% confidence interval. V, Vivax; F, Falciparum



Supplementary figure 14: Funnel plot showing publications related to malaria and retinol concentration ($\mu\text{mol/L}$) in adults. V, Vivax; F, Falciparum