

SUPPLEMENTAL MATERIAL

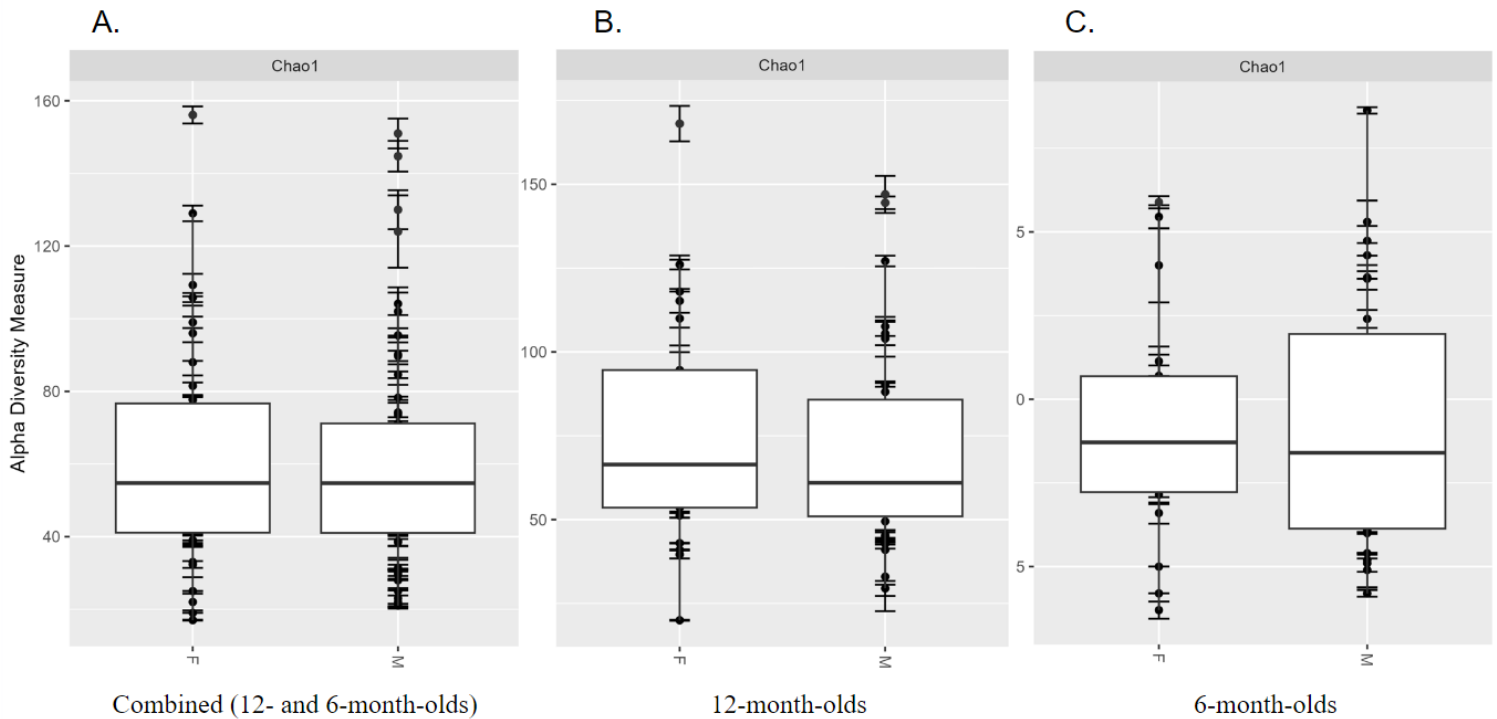


FIG. S1 No significant difference in Chao1 alpha diversity between females and males in 12- and 6-month-old infants. Chao1 group significance boxplot comparing the alpha diversity between female and male infants with IDA. Boxplots show (A) combined age groups ($p = 0.869$, Wilcoxon Rank Sum test), (B) 12-month-olds ($p = 0.514$) and (C) 6-month-olds ($p = 1.0$).

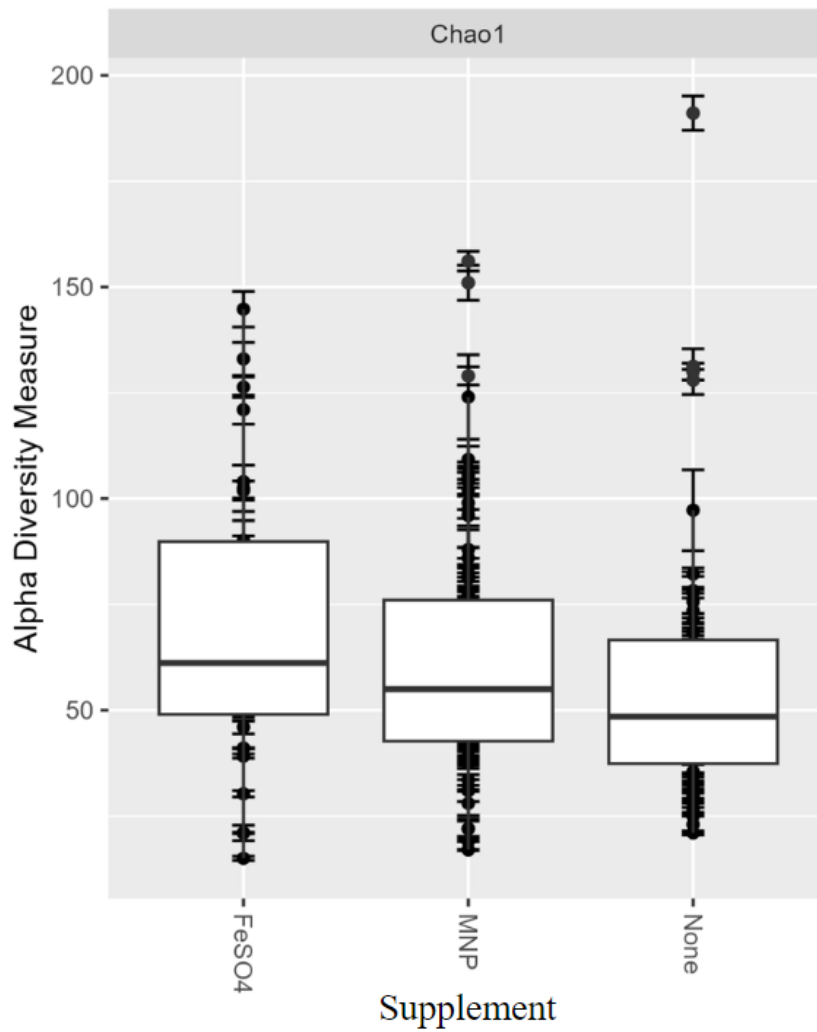


FIG. S2 No significant difference in Chao1 alpha diversity between infants treated with iron supplements or not. Chao1 group significance boxplot comparing the alpha diversity between infants treated with FeSO4, MNP, or no iron supplement ($p = 0.084$, Kruskal-Wallis Rank Sum test).

TABLE. S1 Overview of total sample sizes.

Sample group	Total samples before filtering and rarefaction (n)	Total samples after filtering and rarefaction (n)
12-month infants		
IDA Females	8	8
Reference Females	16	13
IDA Males	18	15
Reference Males	11	10
6-month infants		
IDA Females	3	3
Reference Females	18	17
IDA Males	5	5
Reference Males	21	20