79 children from three schools had given oral informed consent (upper Nanwen: n = 28; lower Nanwen: n = 24; Manguo: n = 27)

Completion of the 20 m shuttle run test, anthropometric and hemoglobin measurements (upper Nanwen: n = 28; lower Nanwen: n = 24; Manguo: n = 27)

10 children with no stool sample or insufficient quantity (upper Nanwen: n = 3; lower Nanwen: n = 4; Manguo: n = 3)

Submission of 1 stool sample for Kato-Katz (upper Nanwen: n = 25; lower Nanwen: n = 20; Manguo: n = 24)

69 children with complete dataset for final analysis: Completion of the 20 m shuttle run test, anthropometric and hemoglobin measurements and submission of 1 stool sample (upper Nanwen: n = 25, 89.3%; lower Nanwen: n = 20, 83.3%; Manguo: n = 24, 88.9%)