

Table 3 Haematology results of children with iron deficiency anaemia or alpha-thalassaemias using cut-off values for indices

Index and cut-off	Iron deficiency anaemia (<i>n</i> = 18)		Alpha-thalassaemias (<i>n</i> = 67)		<i>P</i> -value
	No. of patients	%	No. of patients	%	
Mentzer index > 13	5	27.8	37	56.0	0.03
Srivastava index > 4.4	8	47.0	14	23.7	0.06
RDW index > 220	6	33.3	21	31.3	0.8
England-Fraser index > 0	17	94.4	45	67.1	0.02
RDW > 14%	16	88.9	33	50.8	0.004
RBC > $5 \times 10^{12}/L$	6	33.3	50	79.4	< 0.001
RDW/RBC ratio > 3.3	11	61.1	23	34.3	0.04
Green-King index > 65	12	66.7	15	22.4	< 0.001
Shine-Lal index < 1530	18	100.0	64	95.5	0.3

RBC = red blood cell count; RDW = red blood cell distribution width.