

Table 4 Agreement of different reference cut-offs in classifying underweight, overweight and obesity in a sample of Algerian children in Constantine

Variable	Kappa coefficient							
	Underweight			Overweight			Obesity*	
	IOTF	CDC	French reference	IOTF	CDC	French reference	IOTF	CDC
Boys (6–10 years combined)								
WHO	0.347	0.796	0.887	0.799	0.850	0.737	0.715	0.934
IOTF		0.482	0.417		0.948	0.934		0.736
CDC			0.907			0.882		
Girls (6–10 years combined)								
WHO	0.711	0.884	0.954	0.900	0.840	0.828	0.760	0.917
IOTF		0.819	0.753		0.940	0.928		0.734
CDC			0.930			0.912		
Total children (6–10 years combined)								
WHO	0.251	0.575	0.774	0.846	0.846	0.778	0.733	0.928
IOTF		0.525	0.371		0.944	0.930		0.737
CDC			0.780			0.896		

IOTF: International Obesity Task Force, CDC: Centers for Disease Control and Prevention, WHO: World Health Organization.

*There is no cut-off for obesity in French reference.