Suplementary Table S1. Goldberg cut-off limits to classify 1 day dietary recalls based in the ratio of EI:BMR.

Age (years)	Sex	PAL	Under-report	Plausible report	Over-report
3 to < 10 y	Female	low	EI:BMR ≤ 0.79	0.79 < EI:BMR < 2.44	2.44 ≤ EI:BMR
		moderate	EI:BMR ≤ 0.94	0.94 < EI:BMR < 2.89	2.89 ≤ EI:BMR
		vigorous	EI:BMR ≤ 1.09	1.09 < EI:BMR < 3.36	3.36 ≤ EI:BMR
	Male	low	EI:BMR ≤ 0.79	0.79 < EI:BMR < 2.44	2.44 ≤ EI:BMR
		moderate	EI:BMR ≤ 0.93	0.93 < EI:BMR < 2.88	2.88 ≤ EI:BMR
		vigorous	EI:BMR ≤ 1.08	1.08 < EI:BMR < 3.33	3.33 ≤ EI:BMR
10 to 17 y	Female	low	EI:BMR ≤ 0.86	0.86 < EI:BMR < 2.64	2.64 ≤ EI:BMR
		moderate	EI:BMR ≤ 1.0	1.0 < EI:BMR < 3.08	3.08 ≤ EI:BMR
		vigorous	EI:BMR ≤ 1.15	1.15 < EI:BMR < 3.55	3.55 ≤ EI:BMR
	Male	low	EI:BMR ≤ 0.88	0.88 < EI:BMR < 2.7	2.7 ≤ EI:BMR
		moderate	EI:BMR ≤ 1.02	1.02 < EI:BMR < 3.16	3.16 ≤ EI:BMR
		vigorous	EI:BMR ≤ 1.19	1.19 < EI:BMR < 3.67	3.67 ≤ EI:BMR

PAL: physical activity level, EI: reported energy intake, BMR: basal metabolic rate calcutaed from Schofield equations.

Supplementary Table S2. Misreporting bias of the total sample and by BMI categories.

BMI category	Under-report	Plausible report	Over-report	*Energy expenditure (kcal)	Energy Intake reported (kcal)	Difference	% adequacy
Underweight	0	43 (67%)	21 (33%)	1854.6 ± 477	2522.5 ± 682	-667.9 ± 708	136 ± 41
Healthy weight	18 (2%)	725 (80%)	168 (18%)	2130.7 ± 583	2508.3 ± 831	-379.2 ± 815	118 ± 73
Overweight	8 (3%)	203 (88%)	21 (9%)	2345.3 ± 617	2410.6 ± 767	-73.6 ± 864	103 ± 59
Obesity	19 (8%)	200 (86%)	13 (6%)	2548.4 ± 651	2452 ± 708	92 ± 911	96 ± 48
TOTAL	45(3%)	1171 (81%)	223 (15%)	2221 ± 621	2484 ± 796	-267 ± 859	128 ± 67

Values presented as n (%), or mean ± SD. *Energy expenditure = Basal metabolic rate (from Shofield equations) x physical activity level.