

Table S5: Bland-Altman statistics for anthropometric measurements: inter- and intra-rater reliability of site lead anthropometrists and fieldworkers

PARAMETER	MEASURERS AND VOLUNTEERS (N=number of volunteers)	INTER-RATER RELIABILITY				INTRA-RATER RELIABILITY			
		n ^a	Bias ^b (95% CI)	Limits of agreement ^c	Outliers ^d n (%)	n ^a	Bias ^b (95% CI)	Limits of agreement ^c	Outliers ^d n (%)
Weight (kg)	Fieldworkers, all (N=75)	321	6.5x10 ⁻⁵ (-0.029, 0.029)	-0.521; 0.521	9 (2.8)	300	0.027 (-0.007, 0.062)	-0.568; 0.622	13 (4.3)
	▪ 0-<2 years (N=27)	110	5.5x10 ⁻⁵ (-0.031, 0.031)	-0.322; 0.322	7 (6.4)	90	0.006 (-0.048, 0.060)	-0.501; 0.512	5 (5.6)
	▪ 2-12 years (N=26)	123	4.9x10 ⁻⁵ (-0.025, 0.025)	-0.276; 0.276	3 (2.4)	114	0.032 (-0.014, 0.078)	-0.456; 0.521	3 (2.6)
	▪ >12 years (N=22)	88	1.0x10 ⁻⁴ (-0.094, 0.095)	-0.873; 0.874	2 (2.3)	96	0.042 (-0.037, 0.121)	-0.725; 0.808	1 (1.0)
	Site leads, all (N=15)	48	-4.2x10 ⁻⁵ (-0.025, 0.025)	-0.171; 0.171	3 (6.3)	48	-0.006 (-0.037, 0.025)	-0.217; 0.204	3 (6.3)
Length/ height (cm)	Fieldworkers, all (N=74)	315	-4.1x10 ⁻⁵ (-0.086, 0.086)	-1.513; 1.513	21 (6.7)	296	0.194 (0.058, 0.330)*	-2.138; 2.525	12 (4.1)
	▪ 0-<2 years (N=28)	112	-1.8x10 ⁻⁵ (-0.186, 0.186)	-1.943; 1.943	8 (7.1)	91	0.237 (-0.098, 0.573)	-2.924; 3.398	4 (4.4)
	▪ 2-12 years (N=26)	123	-4.1x10 ⁻⁵ (-0.084, 0.084)	-0.927; 0.927	6 (4.9)	114	0.138 (-0.051, 0.326)	-1.856; 2.132	3 (2.6)
	▪ >12 years (N=20)	80	-7.5x10 ⁻⁵ (-0.179, 0.178)	-1.572; 1.572	2 (2.5)	91	0.220 (0.042, 0.398) *	-1.454; 1.894	2 (2.2)
	Site leads, all (N=15)	48	2.1x10 ⁻⁵ (-0.183, 0.183)	-1.237; 1.237	3 (6.3)	48	-0.021 (-0.219, 0.177)	-1.358; 1.316	3 (6.3)
Mid-upper arm circumference (cm)	Fieldworkers, all (N=70)	299	-1.7x10 ⁻⁵ (-0.074, 0.074)	-1.278; 1.278	14 (4.7)	285	0.069 (-0.023, 0.160)	-1.470; 1.608	15 (5.3)
	▪ 0-<2 years (N=26)	106	-4.7x10 ⁻⁵ (-0.112, 0.112)	-1.136; 1.136	3 (2.8)	91	0.012 (-0.107, 0.131)	-1.105; 1.129	6 (6.6)
	▪ 2-12 years (N=24)	113	-1.6x10 ⁻¹⁷ (-0.113, 0.113)	-1.193; 1.193	3 (2.7)	104	0.023 (-0.081, 0.127)	-1.024; 1.070	5 (4.8)
	▪ >12 years (N=20)	80	-4.4x10 ⁻¹⁷ (-0.177, 0.177)	1.558; 1.558	3 (3.8)	90	0.179 (-0.059, 0.417)	-2.048; 2.406	5 (5.6)
	Site leads, all (N=15)	48	2.1x10 ⁻⁵ (-0.140, 0.140)	-0.948; 0.948	3 (6.3)	48	-0.023 (-0.209, 0.163)	-1.276; 1.230	3 (6.3)
Calf circumference (cm)	Fieldworkers (N=19)	73	-1.4x10 ⁻⁵ (-0.212, 0.212)	-1.783; 1.783	3 (4.1)	84	-0.227 (-0.467, 0.012)	-2.394; 1.939	4 (4.8)
	Site leads (N=4)	12	-5.9x10 ⁻¹⁶ (-0.335, 0.335)	-1.033; 1.033	1 (8.3)	12	0.042 (-0.298, 0.382)	-1.007; 1.090	0 (0.0)
Waist circumference (cm)	Fieldworkers (N=19)	80	1.3x10 ⁻⁵ (-0.369, 0.369)	-3.246; 3.246	4 (5.0)	91	-0.276 (-0.752, 0.200)	-4.753; 4.202	3 (3.3)
	Site leads (N=4)	12	-8.3x10 ⁻⁵ (-1.281, 1.281)	-3.951; 3.951	1 (8.3)	12	-0.133 (-1.905, 1.638)	-5.597; 5.331	1 (8.3)

^a n = number of observations
^b Bias: the mean of the differences between round one and round two measurements
^c Limits of agreement: two standard deviations (of the differences between round one and round two measurements) above and below the bias
^d Outliers: number (%) of values that fall outside the limits of agreement
* Significant bias: the 95% CI of the bias does not include 0