

The relationship between male BMI and waist circumference on semen quality: data from the LIFE study

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There is an error in the annotation of Table 1 in this paper; the labels for men with high and low sperm DNA fragmentation were switched

so that it appears the vast majority of men have abnormal results, when this is not the case.

The corrected Table is reproduced below. The Author apologises for this error.

Table 1 Baseline characteristics of men, LIFE Study (n = 501).

Characteristics	BMI				Total
	<25 (n = 83)	25 to <30 (n = 191)	30 to <35 (n = 122)	≥35 (n = 72)	
Age (years)					
≤24	0 (0.0)	6 (3.1)	8 (6.6)	1 (1.4)	15 (3.2)
25–29	29 (34.9)	55 (28.8)	41 (33.6)	26 (36.1)	151 (32.3)
30–34	31 (37.4)	70 (36.7)	41 (33.6)	31 (43.1)	173 (37.0)
≥35	23 (27.7)	60 (31.4)	32 (26.2)	14 (19.4)	129 (27.6)
Mean (±SD)	32 (4.8)	32 (4.8)	31.4 (4.9)	31.6 (4.8)	31.8 (4.8)
Self-reported race					
White	67 (80.7)	157 (82.2)	97 (79.5)	56 (77.8)	377 (80.6)
Others	16 (19.3)	34 (17.8)	25 (20.5)	16 (22.2)	91 (19.4)
College education					
Yes	77 (92.8)	180 (94.2)	109 (89.3)	62 (86.1)	428 (91.5)
No	6 (7.2)	11 (5.8)	13 (10.7)	10 (13.9)	40 (8.6)
Prior paternity					
Yes	39 (47.0)	85 (44.5)	68 (55.7)	32 (44.4)	224 (47.9)
No	44 (53.0)	104 (54.5)	54 (44.3)	40 (55.6)	242 (51.7)

Continued

Table 1 Continued

Characteristics	BMI				Total
	<25 (n = 83)	25 to <30 (n = 191)	30 to <35 (n = 122)	≥35 (n = 72)	
Waist circumference (cm)					
<93.9	76 (91.6)	72 (37.70)	4 (3.3)	2 (2.8)	154 (32.9)
94.0–101.5	5 (6.0)	94 (49.2)	28 (23.0)	0 (0.0)	127 (27.1)
≥101.6	0 (0.0)	25 (13.1)	89 (73.0)	69 (95.8)	183 (39.1)
Mean (±SD)	86.1 (5.1)	95.9 (8.3)	105.4 (6.9)	122.6 (14.5)	100.8 (14.2)
Vigorous physical activity (weekly)					
<1	52 (62.7)	102 (53.4)	72 (59.0)	44 (61.1)	270 (57.7)
≥1	31 (37.4)	89 (46.6)	50 (41.0)	28 (38.9)	198 (42.3)
Mean (±SD)	1.1 (1.6)	1.5 (1.8)	1.4 (1.8)	1.5 (2.1)	1.4 (1.8)
Serum cotinine (ng/mL)					
≤9.99 (nonsmoker)	66 (79.5)	158 (82.7)	89 (73.0)	53 (73.6)	366 (78.2)
>10.0 (active smoker)	17 (20.5)	31 (16.2)	29 (23.8)	19 (26.4)	96 (20.5)
Volume (mL)					
<1.5	4 (4.8)	22 (11.5)	11 (9.0)	11 (15.3)	48 (10.3)
≥1.5	79 (95.2)	169 (88.5)	111 (91.0)	61 (84.7)	420 (89.7)
Median (IQR)	3.5 (2.4–4.8)	3.4 (2.1–4.7)	3.2 (2.3–4.1)	2.8 (1.8–3.9)	3.2 (2.2–4.4)
Concentration (million/mL)					
<15	3 (3.6)	16 (8.4)	10 (8.2)	11 (15.3)	40 (8.6)
≥15	80 (96.4)	175 (91.6)	112 (91.8)	61 (84.7)	428 (91.4)
Median (IQR)	55.3 (34.4–94.1)	63.2 (38.0–92.5)	62.4 (31.9–100.4)	60.0 (25.5–100.4)	60.8 (34.7–94.7)
Total sperm count (million)					
<39	3 (3.6)	17 (8.9)	9 (7.4)	13 (18.1)	42 (9.0)
≥39	80 (96.4)	174 (91.1)	113 (92.6)	59 (81.9)	426 (91.0)
Median (IQR)	198.5 (112.8–336.9)	190.6 (100.3–338.1)	186.5 (99.1–305.1)	141.7 (58.4–286.5)	186.0 (97.8–319.3)
Vitality (%)					
<58	10 (12.1)	37 (19.4)	17 (13.9)	7 (9.7)	71 (15.2)
≥58	73 (87.9)	154 (80.6)	105 (86.1)	63 (87.5)	395 (84.4)
Median (IQR)	70.7 (64.8–75.5)	67.6 (60.1–73.4)	66.6 (60.3–73.2)	70.2 (61.7–75.9)	68.5 (61.7–73.9)
Morphology (% WHO normal)					
<30	36 (43.4)	88 (46.1)	51 (41.8)	33 (45.8)	208 (44.4)
≥30	44 (53.0)	90 (47.1)	66 (54.1)	28 (38.9)	228 (48.7)
Median (IQR)	31.8 (21.0–39.3)	30.0 (22.0–39.0)	32.5 (23.5–40.0)	29.5 (21.0–37.0)	30.5 (21.8–39.0)
Morphology (% strict criteria)					
<4	2 (2.4)	8 (4.2)	4 (3.3)	4 (5.6)	18 (3.9)
≥4	78 (94.0)	170 (89.0)	113 (92.6)	57 (79.2)	418 (89.3)
Median (IQR)	21.3 (12.5–27.5)	19.3 (12.5–25.5)	20.5 (14.5–29.0)	17.0 (12.5–24.0)	20.0 (13.0–27.0)
DNA (% fragmentation index)					
≥30	6 (7.2)	20 (10.5)	7 (5.7)	1 (1.4)	34 (7.3)
<30	76 (91.6)	171 (89.5)	112 (91.8)	66 (91.7)	425 (90.8)
Median (IQR)	11.9 (9.1–18.3)	13.1 (8.6–20.2)	12.8 (8.2–18.5)	11.5 (8.1–19.3)	12.4 (8.5–19.3)

Note: Five men found to be azoospermic on both samples were excluded.
IQR, interquartile range.