

**Table 3 Correlation between bone mineral density (BMD) and regional fat percentage within weight strata in postmenopausal women in Cairo (n = 303)**

Weight quartile/% fat	BMD (g/cm <sup>3</sup> )			
	Lumbar spine		Neck of left femur	
	<i>r</i>	<i>P</i>	<i>r</i>	<i>P</i>
<b>Q1</b>				
Paraspinal	0.059	0.61	-	-
Parafemur	-	-	-0.017	0.88
<b>Q2</b>				
Paraspinal	0.035	0.76	-	-
Parafemur	-	-	0.102	0.383
<b>Q3</b>				
Paraspinal	0.102	0.38	-	-
Parafemur	-	-	-0.216	0.06
<b>Q4</b>				
Paraspinal	-0.041	0.73	-	-
Parafemur	-	-	-0.21	0.07

Q1 = weight ≤ 65 kg (n = 77); Q2 = weight 66–78 kg (n = 75); Q3 = weight 79–90 kg (n = 77); Q4 = weight > 90 kg (n = 74).

*r* = Pearson correlation coefficient.