

**Table 3 Frequency and odds ratio of diabetes and hypertension according to different centiles of waist circumference and waist-to-hip ratio among Egyptian adults**

Centile	otal		Diabetes		Hypertension		
	No.	No.	%	OR (95% CI)	No.	%	OR (95% CI)
<i>Waist circumference</i>							
<i>centile</i>							
< 10th	170	3	1.8	1 <sup>a</sup>	7	4.1	1 <sup>a</sup>
< 50th	644	20	3.1	1.8 (0.5–6.1)	31	4.8	1.2 (0.5–2.7)
< 90th	805	29	3.6	2.1 (0.6–6.9)	87	10.8	2.8 (1.3–6.2)
> 90th	181	16	8.8	5.4 (1.5–18.9)	40	22.1	6.6 (2.9–15.2)
Total	1800	68	3.8		165	9.2	
<i>P</i> -value <sup>b</sup>				0.002			0.001
<i>Waist-to-hip ratio</i>							
<i>centile</i>							
< 10th	182	6	3.3	1 <sup>a</sup>	13	7.1	1 <sup>a</sup>
< 50th	729	28	3.8	1.2 (0.5–2.9)	53	7.3	1.1 (0.5–1.9)
< 90th	715	26	3.6	1.1 (0.5–2.7)	75	10.5	1.5 (0.8–2.8)
> 90th	174	8	4.6	1.4 (0.5–4.2)	24	13.8	2.1 (1.0–4.2)
Total	1800	68	3.8		165	9.2	
<i>P</i> -value <sup>b</sup>				0.68			0.003

<sup>a</sup>Reference category.

<sup>b</sup> $\chi^2$ -test for linear trend.

OR = odds ratio; CI = confidence interval.