

Supplementary Table 1. ORs (95% CIs) for the association of body composition with the presence of diabetes mellitus stratified by age in men and women

Variable	30–49 yr			50–69 yr			≥70 yr			
	Unadjusted	P value	Adjusted ^a	Unadjusted	P value	Adjusted ^a	Unadjusted	P value	Adjusted ^a	
Men										
FMI, m ²		0.001	0.085		<0.001	0.095		<0.001	0.001	
Q1	1	1	1	1	1	1	1	1	1	
Q2	2.156 (1.135–4.099)	0.019	1.709 (0.895–3.265)	1.314 (0.911–1.895)	0.144	1.089 (0.728–1.629)	3.270 (1.693–6.318)	<0.001	2.947 (1.481–5.864)	0.002
Q3	2.086 (1.069–4.070)	0.031	1.437 (0.704–2.932)	1.520 (1.059–2.181)	0.023	1.153 (0.772–1.724)	3.876 (1.972–7.620)	<0.001	3.325 (1.600–6.910)	0.001
Q4	3.358 (1.818–6.206)	<0.001	2.311 (1.121–4.764)	2.409 (1.721–3.372)	<0.001	1.579 (1.010–2.468)	6.302 (3.234–12.282)	<0.001	5.063 (2.391–10.722)	<0.001
MMI, m ²		0.090	0.983		<0.001	0.004		<0.001	<0.001	
Q1	1	1	1	1	1	1	1	1	1	
Q2	0.739 (0.460–1.187)	0.210	0.970 (0.596–1.578)	0.695 (0.505–0.956)	0.026	0.805 (0.578–1.12)	0.468 (0.286–0.765)	0.003	0.476 (0.288–0.787)	0.004
Q3	0.649 (0.392–1.074)	0.093	0.942 (0.553–1.604)	0.650 (0.481–0.878)	0.005	0.789 (0.566–1.10)	0.497 (0.303–0.815)	0.006	0.557 (0.339–0.916)	0.021
Q4	0.515 (0.300–0.882)	0.016	1.058 (0.580–1.930)	0.346 (0.241–0.497)	<0.001	0.481 (0.326–0.71)	0.162 (0.089–0.294)	<0.001	0.190 (0.102–0.355)	<0.001
Women										
FMI, m ²		<0.001	0.083		<0.001	0.003		<0.001	0.017	
Q1	1	1	1	1	1	1	1	1	1	
Q2	3.053 (0.910–10.248)	0.071	1.895 (0.590–6.084)	1.827 (1.225–2.725)	0.003	1.517 (1.014–2.270)	1.570 (0.884–2.790)	0.124	1.257 (0.676–2.339)	0.469
Q3	6.418 (2.158–19.090)	0.001	2.949 (1.020–8.532)	2.530 (1.710–3.744)	<0.001	1.813 (1.205–2.729)	1.905 (1.097–3.311)	0.022	1.382 (0.746–2.559)	0.303
Q4	14.441 (5.109–40.819)	<0.001	4.111 (1.319–12.813)	3.387 (2.324–4.936)	<0.001	2.169 (1.433–3.285)	3.939 (2.324–6.676)	<0.001	2.493 (1.253–4.960)	0.009
MMI, m ²		0.002	0.818		0.003	0.174		0.004	0.207	
Q1	1	1	1	1	1	1	1	1	1	
Q2	0.620 (0.344–1.119)	0.112	0.953 (0.509–1.783)	0.849 (0.617–1.169)	0.316	1.166 (0.824–1.649)	0.574 (0.350–0.942)	0.028	0.674 (0.409–1.112)	0.122
Q3	0.526 (0.290–0.955)	0.035	1.211 (0.627–2.337)	0.920 (0.668–1.266)	0.568	1.399 (0.979–1.997)	0.467 (0.289–0.755)	0.002	0.627 (0.38–1.035)	0.068
Q4	0.259 (0.129–0.521)	<0.001	0.86 (0.403–1.839)	0.497 (0.339–0.731)	<0.001	1.005 (0.633–1.598)	0.517 (0.338–0.793)	0.003	0.87 (0.535–1.416)	0.576

OR, odds ratio; CI, confidence interval; FMI, fat mass index; MMI, muscle mass index.

^aAdjusted by age and body mass index.