Supplemental Table 2. Anthropometric and metabolic parameters of the male cohort according to body mass index (BMI) classes. Non-italicized data show the mean±SD values of the parameters; italicized data show the P values (sign of the coefficients) of the effects evaluated by means of two-way ANOVA. Significant P values are reported in bold

Anthropometric and metabolic parameters	**Overall cohort**	**BMI classes**			**Effect of BMI**[§]
		NW	**OW**	**OB**	**P value**
No. of cases	144 (100%)	61 (42.4%)	61 (42.4%)	22 (15.3%)	
Age (years) [†]	49.0±14.9	45.2±15.4	50.8±14.5	54.8±12.0	***0.009 (+)***
BMI (kg/m^2)	26.3±3.9	23.1±1.5	27.0±1.4	33.3±3.3	***<0.001 (+)***
*Effect of age: P values**	*0.178 (-)*	***<0.001 (+)***	*0.718 (-)*	***0.003 (-)***	***<0.001 (-)***[$]
Waist circumference (cm)	94.0±11.7	85.2±8.1	96.7±7.2	111.1±7.0	***<0.001 (+)***
*Effect of age: P values**	*0.879 (+)*	***<0.001 (+)***	*0.228 (+)*	*0.054 (-)*	***0.002 (-)***[$]
SBP (mmHg)	131±17	126±15	130±14	145±18	***<0.001 (+)***
*Effect of age: P values**	***<0.001 (+)***	***<0.001 (+)***	***<0.001 (+)***	*0.268 (+)*	*0.436 (-)*[$]
DBP (mmHg)	83±7	80±7	83±6	88±7	***<0.001 (+)***
*Effect of age: P values**	*0.371 (+)*	*0.072 (+)*	***0.029 (+)***	*0.418 (-)*	*0.140 (-)*[$]
Glucose (mg/dL)	92.9±11.8	92.1±8.1	92.2±14.2	97.4±12.4	*0.177 (+)*
*Effect of age: P values**	*0.054 (+)*	*0.516 (-)*	***0.003 (+)***	*0.253 (+)*	*0.191 (+)*[$]
Insulin (µU/mL)	7.95±4.77	6.11±3.37	7.71±3.22	13.75±6.89	***<0.001 (+)***
*Effect of age: P values**	*0.091 (-)*	*0.464 (-)*	*0.592 (-)*	*0.150 (-)*	*0.311 (-)*[$]
HOMA-IR	1.85±1.20	1.40±0.79	1.77±0.88	3.31±1.74	***<0.001 (+)***
*Effect of age: P values**	*0.247 (-)*	*0.405 (-)*	*0.886 (+)*	*0.278 (-)*	*0.518 (-)*[$]
Total cholesterol (mg/dL)	195.2±33.9	187.5±33.2	203.9±33.5	192.9±32.8	*0.648 (+)*
*Effect of age: P values**	*0.135 (+)*	***<0.001 (+)***	***0.024 (+)***	*0.403 (-)*	***0.032 (-)***[$]
HDL-cholesterol (mg/dL)	50.2±11.3	52.7±11.0	50.1±10.9	43.3±10.8	***<0.001 (-)***
*Effect of age: P values**	*0.165 (+)*	*0.135 (+)*	*0.051 (+)*	*0.972 (+)*	*0.558 (-)*[$]
Triglycerides (mg/dL)	104.3±57.9	91.8±54.3	105.3±57.8	136.0±57.5	***<0.001 (+)***
*Effect of age: P values**	*0.542 (-)*	*0.694 (-)*	*0.784 (+)*	*0.492 (-)*	*0.642 (-)*[$]

NW: normal weight; OW: overweight; OB: obese; SBP: systolic blood pressure; DBP: diastolic blood pressure; HOMA-IR: homeostatic model assessment – insulin resistance; HDL: high density lipoprotein.

[†] One-way ANOVA. [§] Effect of BMI on anthropometric and metabolic parameters. Positive effect (+): values increased with increasing BMI classes; negative effect (-): values decreased with increasing BMI classes. * Effect of age on anthropometric and metabolic parameters. Positive effect (+): values increased with age; negative effect (-): values decreased with age. [$] Interaction between BMI and age effects on anthropometric and metabolic parameters. Positive interaction (+): the positive (or negative) effect of age increased (or decreased) with BMI (i.e., the positive (or negative) effect of BMI increased (or decreased) with age). Negative interaction (-): the positive (or negative) effect of age decreased (or increased) with BMI (i.e., the positive (or negative) effect of BMI decreased (or increased) with age).