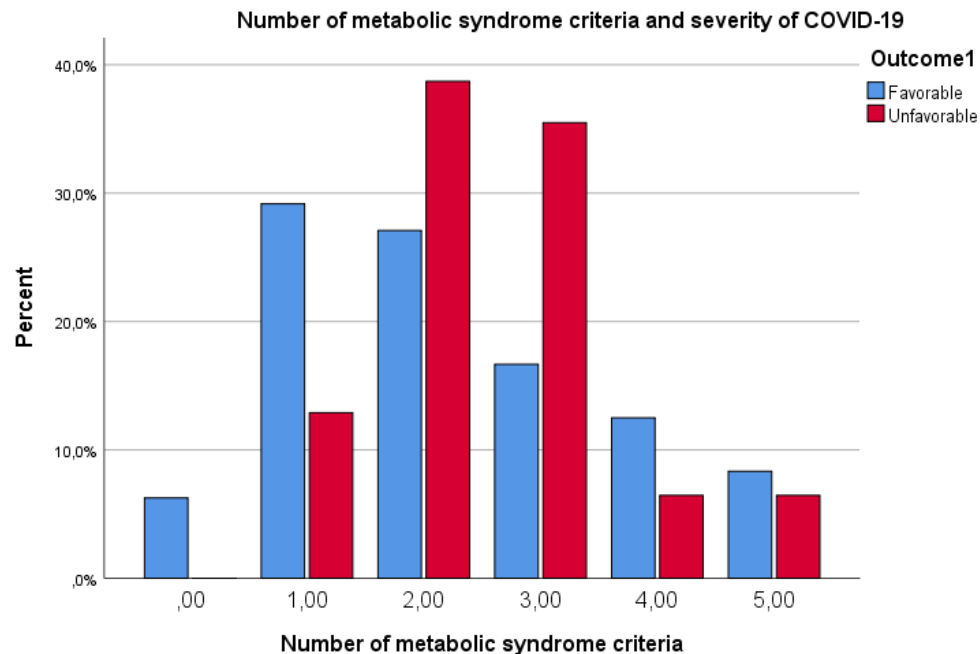


Supplemental data

Figure S1. Number of Metabolic Syndrome criteria and severity of COVID-19



Criteria of Metabolic Syndrome: 1) Use of antihypertensives, 2) Triglycerides >1.7 mmol/L and/ or statin use, 3) HDL-C <1 mmol/L in male or <1.3mmol/L in female, 4) Hyperglycaemia ≥ 7.8 and/ or use of medication for glycemic control 5) Abdominal adiposity in male ≥ 102 cm or female ≥ 88 cm

Table S1. Multivariable post-adjusted logistic regression models, adjusted for age and gender

Covariate	Multivariable post-adjusted logistic regression models. All variables are adjusted for age and gender	
	OR (95% CI)	P-value
Metabolic Syndrome	1.64 (0.64-4.25)	0.306
Use of antihypertensives*	0.42 (0.13-1.36)	0.147
Hypertriglyceridemia*	0.89 (0.34-2.35)	0.809
Low HDL-C *	2.46 (0.60-10.06)	0.211
Hyperglycaemia*	2.13 (0.77-5.94)	0.148
Abdominal adiposity*	5.19 (1.61-16.75)	0.006
Waist-hip ratio	1.13 (1.05-1.22)	0.001
BMI	1.14 (1.04-1.25)	0.006

OR: Odds Ratio, CI: Confidence Interval, BMI: body mass index, HDL-C: High Density Lipoprotein cholesterol. Cutoff values: High Triglycerides (>1.7 mmol/L), Low HDL-C (<1 mmol/L in male, <1.3mmol/L in female), Hyperglycaemia ≥ 7.8 mmol/L and/ or drug treatment for elevated blood glucose, Abdominal adiposity (male ≥ 102 cm, female ≥ 88 cm).

Figure S2. ROC-curve of multivariable post-adjusted regression analysis.