

### Supplementary table 1

	Model I*	
Men	HR (95% CI)	P - value
BMI continuous**	1.08 (1.05 – 1.11)	< 0.001
Normal weight	<i>Reference</i>	-
Overweight	1.52 (1.23 – 1.87)	< 0.001
Obesity	2.27 (1.68 – 3.06)	< 0.001
Women		
BMI continuous **	1.03 (1.00 – 1.05)	= 0.03
Normal weight	<i>Reference</i>	-
Overweight	1.14 (0.86 – 1.47)	= 0.31
Obesity	1.40 (1.01 – 1.94)	= 0.04

**Supplementary table 1.** Sensitivity analysis, after excluding 20266 participants with follow-up more than 30 years. Sex stratified, multivariate Cox regression analysis with HR for incident OA of the CMC-1 joint in relation to BMI as a continuous variable and for overweight and obese participants with normal weight participants as reference. \* Adjusted for age at study entry, hypertension, prevalent diabetes, manual work and smoking. \*\* HR expressed as per one unit increase of BMI. BMI; body mass index, CI; confidence interval, CMC-1; first carpometacarpal joint, HR; Hazard Ratio, OA; Osteoarthritis.