

**Supplementary Table 1.** Adjusted odds ratios (OR) and 95% confidence intervals (CI) from logistic regression models for incident and progression of knee and hip OA in relation to biomarkers levels

	Knee OA				Hip OA			
	Incidence, n=68/1029†		Progression*, n=122/1157‡		Incidence, n=32/1191†		Progression*, n=53/1233‡	
	OR (95% CI)	p-value	OR (95% CI)	p-value	OR (95% CI)	p-value	OR (95% CI)	p-value
<b>uCTX-II</b>	1.2 (0.9-1.6)	0.13	1.2 (1.01-1.5)	0.04	1.4 (1-2.1)	0.05	1.4 (1.1-1.9)	0.02
<b>COMP</b>	1.6 (1.2-2.04)	0.0004	1.4 (1.2-1.7)	0.001	0.8 (0.6-1.1)	0.23	0.91 (0.7-1.2)	0.54
<b>CRPM</b>	1.2 (0.9-1.5)	0.21	1.2 (1.01-1.5)	0.05	1.3 (0.9-1.8)	0.17	1.2 (0.91-1.7)	0.19
<b>C1M</b>	1.1 (0.9-1.4)	0.47	1.1 (0.93-1.4)	0.23	1.2 (0.9-1.6)	0.32	1.1 (0.87-1.5)	0.35
<b>CRP</b>	1.4 (1.1-1.8)	0.01	1.2 (1.01-1.5)	0.04	1.5 (1.1-2.2)	0.02	1.3 (0.94-1.7)	0.12
<b>Full model</b>								
uCTX-II	1.2 (0.9-1.6)	0.19	1.2 (0.97-1.5)	0.09	1.5 (1.1-2.2)	0.02	1.5 (1.1-2.04)	0.009
COMP	1.6 (1.2-2.04)	0.001	1.4 (1.14-1.7)	0.002	0.8 (0.6-1.1)	0.18	0.9 (0.66-1.2)	0.40
CRPM	1.1 (0.9-1.5)	0.37	1.2 (0.95-1.5)	0.13	1.2 (0.8-1.8)	0.28	1.2 (0.85-1.6)	0.32
C1M	0.8 (0.6-1.1)	0.25	0.96 (0.8-1.2)	0.77	0.8 (0.5-1.2)	0.25	0.94 (0.7-1.3)	0.74
CRP	1.7 (1.2-2.3)	0.004	1.3 (0.98-1.7)	0.07	1.7 (1.1-2.8)	0.03	1.3 (0.89-1.9)	0.18

All models were adjusted for age, sex, body mass index, and follow-up time; Full models include all biomarkers adjusted for age, sex, body mass index, and follow-up time; †case number/ control number; ‡progressed/no-progressed; \*additionally adjusted for prevalent OA; OA incidence defined as KL $\geq$ 2 at left and/or right joint; subjects were free of hip and knee OA at baseline for hip and knee incidence analyses, respectively.