Supplementary Table 2. Discrimination, described as AUC (95% Confidence Interval), for the

risk prediction models of osteoarthritis (OA)

	Incident OA	Progression of OA
Age, sex, BMI	0.677 (0.620-0.735)	0.681 (0.639-0.722)
Age, sex, BMI, joint pain	0.682 (0.624-0.740)	0.688 (0.646-0.731)
Age, sex, BMI, joint pain, all biomarkers	0.746 (0.695-0.796)	0.731 (0.691-0.771)
Age, sex, BMI, joint pain, baseline KL score	0.845 (0.809-0.881)	0.893 (0.874-0.913)
Age, sex, BMI, joint pain, baseline KL score, all biomarkers	0.872 (0.839-0.905)	0.899 (0.880-0.918)

body mass index (BMI); Kellgren-Lawrence (KL); (urinary) type II collagen degradation (uCTX-II); cartilage

oligomeric protein (COMP)