

Supplementary file 1: Characteristics of the original cohorts

Table 1: Characteristics of the original cohorts

	CHECK Utrecht	HOSTAS Leiden	MUST Oslo	PROCOAC À Coruña	DIGICOD Paris
Total number of patients	1002	538	630	743	430
Age (years)	56 (5)	61 (9)	64 (9)	63 (25)	67 (7)
Inclusion period	2002-2005	2009-2015	2010-2013	2005-2016	2013-2017
Female (%)	79%	86%	69%	76%	78%
BMI	26 (4)	27 (5)	28 (5)	29 (5)	25 (3)
Type of OA	Knee, Hip	Hand	Knee, Hip, Hand	Knee, Hip, Hand	Hand
WOMAC Knee		n/a	n/a		n/a
- Pain (0-20)	5 (3)			4 (3)	
- Stiffness (0-8)	3 (2)			1.7 (1.9)	
- Function (0-68)	16 (11)			14.7 (15)	
NRS pain (0-10)	4 (2)		4 (2)		3 (2)
Knee pain present	83%		356		
Knee OA (ACR-criteria)	750 (75%)	197 (37%)	102 (36%)	91 (19%)	50 (10%)
Knee KL Grade		n/a	n/a		n/a
- Grade 0	68%			21%	
- Grade 1	25%			26%	
- Grade 2	6%			27%	
- Grade 3	1%			15%	
- Grade 4				10%	

Continuous variables are given as mean values, standard deviation between brackets and categorical variables as percentages. **CHECK:** Cohort Hip and Cohort Knee. **HOSTAS:** Hand OSTeoArthritis in Secondary care. **MUST:** Musculoskeletal pain in Ullensaker STudy. **PROCOAC:** PROgnostic Cohort of OsteoArthritis A Coruña. **DIGICOD:** DIGital Cohort Osteoarthritis Design. **BMI:** Body Mass Index. **WOMAC:** Western Ontario and McMaster Universities OA index. **KL:** Kellgren and Lawrence (Grade). **ACR:** American College of Rheumatology.