

Supplementary table S1: Prevalence of erosive disease in carpometacarpal joints (1st CMCJ) in populations aged > 50 years with radiographic thumb base OA and concordant thumb base pain with radiographic thumb base OA, stratified for age categories and sex

Prevalence erosive disease in thumb base in ♂	All ages	50-59 yrs	60-69 yrs	70-79 yrs	≥80 yrs
Population with radiographic thumb base OA	10/207 4.8 (2.3, 8.7)	0/31 -	2/93 2.1 (0.2, 7.6)	8/70 11.4 (5.1, 21.3)	0/13 -
Population with concordant thumb base pain and radiographic thumb base OA	7/102 6.9 (2.8, 13.6)	0/15 -	2/44 4.6 (0.6, 15.5)	5/35 14.3 (4.8, 30.3)	0/8 -
Prevalence erosive disease in thumb base in ♀	All ages	50-59 yrs	60-69 yrs	70-79 yrs	≥80 yrs
Population with radiographic thumb base OA	14/378 3.7 (2.0, 6.1)	2/87 2.3 (0.3, 8.1)	6/146 4.1 (1.5, 8.7)	5/123 4.1 (1.3, 9.2)	1/22 4.6 (0.1, 22.8)
Population with concordant thumb base pain and radiographic thumb base OA	12/228 5.2 (3.1, 9.5)	2/53 3.8 (0.5, 13.0)	5/93 5.4 (1.8, 12.1)	5/71 7.0 (2.3, 15.7)	0/11 -

Numbers are absolute numbers with percentages and 95% confidence intervals, no prevalence calculated as erosive disease was not present in the stratified group

Population with radiographic thumb base OA = at least one joint 1st carpometacarpal joint (1st CMCJ) or scaphotrapezoid joint (STJ) with Kellgren-Lawrence (KL) grade ≥2

Population with concordant thumb base pain and radiographic thumb base OA = pain in left of right thumb base combined with having 1st CMCJ or STJ with KL grade ≥2 in the painful joint