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Table 2: Exercise 2: Single measure Inter-reader ICCs (sum scores), quadratic weighted kappa (individual component scores, per lesion) and mean scores of all readers

<i>INFLAMMATORY PATHOLOGIES</i>								
	Reproducibility (smICC & Kappa)				Range of scores	Reader scores		
	All readers		Subset of readers *			All readers	Subset of readers *	
	Median	Mean (Range)	Median	Mean (Range)		***Mean (Range)	Mean (Range)	
Inter-reader smICC (patient level)								
Total inflammation scores	0.58	0.56 (0.11-0.90)	0.85	0.83 (0.76-0.90)	0-21	3.94 (0.67-8.27)	4.83 (0.5-10.67)	
Inter-reader quadratic weighted kappa (lesions level)								
<i>Achilles tendon</i>								
Peri-tendon hypersignal	0.41	0.45 (0.14-1.00)	0.66	0.64 (0.28-0.89)	0-3	0.45 (0 - 2.00)	0.64 (0 - 2.50)	
Intra-tendon hypersignal	0.50	0.47 (0.04-0.91)	0.68	0.71 (0.53-0.90)	0-3	0.62 (0.07 - 2.07)	0.73 (0 - 2.17)	
Retro-calcaneal bursitis	0.47	0.45 (-0.06-0.86)	0.60	0.62 (0.47- 0.71)	0-3	0.43 (0 - 1.67)	0.50 (0 - 2)	
Bone marrow edema	0.83	0.78 (0.26-1.00)	0.89	0.90 (0.83-1.00)	0-3	0.44 (0 - 2.27)	0.52 (0 - 2.50)	
<i>Plantar fascia</i>								
Peri-aponeurosis hypersignal	0.67	0.63 (0.12- 0.91)	0.83	0.83 (0.74- 0.91)	0-3	0.82 (0 - 2.53)	1.02 (0 - 3.00)	
Intra-aponeurosis hypersignal	0.45	0.40 (0 - 0.92)	0.70	0.69 (0.54- 0.92)	0-3	0.51 (0 - 1.60)	0.69 (0 - 2.33)	
Bone marrow edema	0.84	0.77 (0.11-0.98)	0.86	0.86 (0.73-0.94)	0-3	0.66 (0-2.47)	0.74 (0-2.67)	
<i>STRUCTURAL PATHOLOGIES</i>								
Inter-reader smICC (patient level)								
Total structural damage score	0.27	0.35 (-0.04-0.85)	0.68	0.66 (0.37- 0.85)	0-18	1.54 (0.2 - 4.4)	2.33 (0.33 - 7.00)	
Inter-reader quadratic weighted kappa (lesion level)								
<i>Achilles tendon</i>								

Tendon thickness	0.52	0.48 (0 – 0.92)	0.76	0.72 (0.41– 0.92)	0-3	0.54 (0 – 2.27)	0.78 (0 – 3.00)
Bone erosion	0.54	0.45 (0 – 1.00)	0.78	0.78 (0.52– 1.00)	0-3	0.14 (0 – 1.4)	0.19 (0 – 1.83)
Bone spur	0.00	0.26 (-0.08– 1.0)	0.41	0.37 (0 – 0.87)	0-3	0.13 (0 – 0.87)	0.22 (0 – 1.33)
Intra-tendon hypersignal on T1w [@]	0.30	0.33 (-0.09-0.88)	0.64	0.63 (0.36– 0.96)	0-3	0.46 (0.07 – 1.47)	0.58 (0 – 2.00)
Plantar fascia							
Tendon thickness	0.31	0.35 (-0.23-0.97)	0.86	0.72 (0.26– 0.97)	0-3	0.50 (0 – 1.53)	0.75 (0 – 2.5)
Bone erosion	0.00	0.02 (-0.17-0.64)	0.00	0.03 (-0.05-0.14)	0-3	0.06 (0 – 0.27)	0.11 (0 – 0.5)
Bone spur	0.00	0.12 (-0.18-0.76)	0.42	0.4 (-0.18-0.76)	0-3	0.17 (0 – 0.53)	0.28 (0 – 1.17)
Intra-aponeurosis hypersignal on T1w [@]	0.21	0.25 (-0.19-0.84)	0.40	0.42 (0.05– 0.83)	0-3	0.13 (0 – 1.27)	0.49 (0 – 2.00)

smICCs: - single measures intraclass correlation coefficient by two-way random effects, absolute agreement for sum scores (patient level).

* Three participating radiologists + three rheumatologists with best individual ICCs with other readers for inflammatory pathologies in exercise 2. ***Each patient's score was calculated as the mean of all readers. The presented mean and ranges are means/ranges of these values. (Range of readers' mean scores)

Readers: AJM, DG, FG, IH, IE †, KGH †, MS, MØ ‡, PB, RGL †, SK ‡, SJP, VF ‡, WM, (Exercises 1 and 2); JJ † (Only Exercise 1); RPP (Only Exercise 2). † Musculoskeletal radiologists. ‡ Three rheumatologists with best individual ICC for inflammatory pathologies in exercise 2.

@ Not included in total structural damage score; it may occur both on inflammatory and structural backgrounds.