

**Supplementary Table S2.** Median thermal and pressure pain thresholds in juvenile idiopathic arthritis (JIA) and controls

	n	Cold pain threshold <sup>a</sup>		Heat pain threshold		Pressure pain threshold	
		Absolute temperature °C		Absolute temperature °C		Kilopascal	
		Upper limb	Lower limb	Upper limb	Lower limb	Upper limb	Lower limb
Control	109	17.4 (10.0-24.2)	15.4 (5.9-23.0)	45.1 (41.6-47.2)	45.1 (43.2-46.8)	998 (918-1130)	721 (627-905)
JIA (total group)	96	19.1 (6.9-25.8)	16.6 (5.3-25.0)	44.7 (40.0-47.1)	44.8 (42.3-46.8)	890 (750-1014)	657 (579-793)
JIA							
Rem. off med. <sup>b</sup>	43	17.1 (5.8-24.6)	13.8 (5.1-25.0)	44.7 (39.3-47.3)	45.9 (42.0-47.9)	912 (785-1067)	702 (586-878)
Inactive disease <sup>b</sup>	20	20.5 (14.1-26.7)	23.0 (15.7-26.2)	44.4 (41.0-46.8)	43.3 (42.3-46.4)	818 (692-948)	617 (501-656)
Active disease <sup>b</sup>	33	18.1 (6.5-26.3)	13.8 (5.3-24.6)	44.9 (43.0-46.9)	44.9 (42.6-46.6)	910 (749-994)	697 (584-822)

Values are in median (interquartile range (IQR) 1<sup>th</sup>-3<sup>rd</sup>); °C = degrees Celsius; n = numbers.

<sup>a</sup>Due to the 5°C floor temperature of the equipment, a substantial number of CPT responses reached this limit and were censored. The number (%) of censored CPT in JIA was 212 (28%) and in controls 198 (23%). Thus, median CPTs are underestimated compared to predicted values from the multilevel modelling in Table 3.

<sup>b</sup>Disease status according to the definition by Wallace et al.; Remission off med. = remission off medication for ≥12 months. Inactive disease = inactive disease on medication for less than 6 months or inactive disease off medication for less than 12 months or remission on medication (inactive disease on medication for more than 6 months). Active disease = flare or continuous active disease.