

Suppl. Table 1: Permutation correlations between pairs of US scoring systems assessing the total PD score (Spearman's correlation rank test, $P < 0.05$ shows significant correlation).

Joints with PD	22 joints	18 joints (wrists + MCP 2-5, PIP 2-5)	16 joints (MCP 2-5, PIP 2-5)	14 joints (wrists + MCP 2-4, PIP 2-4)	10 joints (wrists MCP 2-3, PIP 2-3)	8 joints (MCP 2-3, PIP 2-3)	4 joints (wrists +MCP5)	4 joints (MCP 2-3 bilaterally)
4 joints (MCP 2-3)	$r = 0.64$ $P < 0.05$	$r = 0.85$ $P < 0.05$	$r = 0.87$ $P \leq 0.05$	$r = 0.87$ $P \leq 0.05$	$r = 0.91$ $P \leq 0.05$	$r = 0.94$ $P \leq 0.05$	$r = 0.29$ $P \leq 0.05$	-
4 joints (wrists, MCP5)	$r = 0.37$ $P \leq 0.05$	$r = 0.48$ $P \leq 0.05$	$r = 0.36$ $P \leq 0.05$	$r = 0.44$ $P \leq 0.05$	$r = 0.41$ $P \leq 0.05$	$r = 0.28$ $P \leq 0.05$	-	$r = 0.29$ $P \leq 0.05$
8 joints (MCP2-3, PIP 2-3)	$r = 0.68$ $P \leq 0.05$	$r = 0.90$ $P \leq 0.05$	$r = 0.93$ $P \leq 0.05$	$r = 0.92$ $P \leq 0.05$	$r = 0.96$ $P \leq 0.05$	-	$r = 0.28$ $P \leq 0.05$	$r = 0.94$ $P \leq 0.05$
10 joints (wrists, MCP 2- 3, PIP 2-3)	$r = 0.69$ $P \leq 0.05$	$r = 0.93$ $P < 0.05$	$r = 0.90$ $P \leq 0.05$	$r = 0.96$ $P \leq 0.05$	-	$r = 0.96$ $P \leq 0.05$	$r = 0.41$ $P \leq 0.05$	$r = 0.91$ $P \leq 0.05$
14 joints (wrists, + MCP 2-4, PIP 2-4)	$r = 0.72$ $P \leq 0.05$	$r = 0.98$ $P \leq 0.05$	$r = 0.95$ $P \leq 0.05$	-	$r = 0.96$ $P \leq 0.05$	$r = 0.92$ $P \leq 0.05$	$r = 0.44$ $P \leq 0.05$	$r = 0.87$ $P \leq 0.05$
16 joints (MCP 2-5, PIP 2-5)	$r = 0.73$ $P \leq 0.05$	$r = 0.97$ $P \leq 0.05$	-	$r = 0.95$ $P \leq 0.05$	$r = 0.90$ $P \leq 0.05$	$r = 0.93$ $P \leq 0.05$	$r = 0.36$ $P \leq 0.05$	$r = 0.87$ $P \leq 0.05$
18 joints (wrists + MCP 2-5, PIP 2-5)	$r = 0.74$ $P \leq 0.05$	-	$r = 0.97$ $P \leq 0.05$	$r = 0.98$ $P \leq 0.05$	$r = 0.93$ $P < 0.05$	$r = 0.90$ $P \leq 0.05$	$r = 0.48$ $P \leq 0.05$	$r = 0.85$ $P \leq 0.05$
22 joints	-	$r = 0.74$ $P \leq 0.05$	$r = 0.73$ $P \leq 0.05$	$r = 0.72$ $P \leq 0.05$	$r = 0.69$ $P \leq 0.05$	$r = 0.68$ $P \leq 0.05$	$r = 0.37$ $P \leq 0.05$	$r = 0.64$ $P \leq 0.05$