

**Table 4. Indirect (Raw to Raw to Scale) Equipercentile Crosswalk Table - From KOOS/WOMAC Pain to PROMIS/PROMIS-PLUS Pain Interference**

<b>KOOS/WOMAC Pain raw summed scores</b>	<b>PROMIS/PROMIS-PLUS Pain Interference scaled scores (T-score metric)</b>
9	42
10	46
11	48
12	49
13	51
14	52
15	52
16	53
17	54
18	55
19	56
20	57
21	58
22	59
23	60
24	60
25	61
26	62
27	62
28	64
29	65
30	66
31	67
32	68
33	68
34	69
35	70
36	71
37	72
38	74
39	74
40	75
41	76
42	77
43	78
44	78
45	79

Abbreviations: KOOS is Knee injury and Osteoarthritis Outcome Score; PROMIS is Patient-Reported Outcome Measurement Information System; WOMAC is Western Ontario and McMaster Universities Osteoarthritis Index.

Notes: KOOS/WOMAC Pain raw summed scores can be crosswalked to PROMIS/PROMIS-PLUS Pain Interference scaled scores, where equipercentile linking with a post-smoothing value = 0 provided the best score linking. The KOOS pain scale includes 9 items; 5 of which represent the WOMAC pain scale.