

Additional file 4: Interexaminer reliability- Strict agreement- Standardized approach to assess segmental tenderness

Spinal level	% Agreement	95% CI	Kappa	95%CI	PABAK	95% CI	Indicates	Kappa max
T1 Left	88	73, 97	0.70	0.44, 0.96	0.76	0.55, 0.98	Substantial agreement	1.00
T2 Left	68	49, 83	0.32	0.00, 0.65	0.35	0.04, 0.67	Fair agreement	0.35
T3 Left	68	49, 83	0.34	0.03, 0.66	0.35	0.04, 0.67	Fair agreement	0.42
T4 Left	76	59, 89	0.52	0.25, 0.79	0.53	0.24, 0.81	Moderate agreement	0.81
T5 Left	62	44, 78	0.25	-0.06, 0.56	0.23	-0.09, 0.56	Fair agreement	0.35
T6 Left	79	62, 91	0.58	0.32, 0.84	0.59	0.32, 0.86	Moderate agreement	0.83
T7 Left	74	56, 87	0.43	0.12, 0.74	0.47	0.17, 0.77	Moderate agreement	0.46
T8 Left	76	59, 89	0.51	0.22, 0.80	0.53	0.24, 0.81	Moderate agreement	0.67
T9 Left	79	62, 91	0.57	0.29, 0.85	0.59	0.32, 0.86	Moderate agreement	0.61
T10 Left	68	49, 83	0.28	-0.06, 0.61	0.35	0.04, 0.67	Fair agreement	0.30
T11 Left	79	62, 91	0.49	0.18, 0.81	0.59	0.32, 0.86	Moderate agreement	0.63
T12 Left	76	59, 89	0.44	0.13, 0.76	0.53	0.24, 0.81	Moderate agreement	0.61
T1 Right	82	65, 93	0.61	0.35, 0.87	0.65	0.39, 0.90	substantial agreement	1.00
T2 Right	65	46, 80	0.35	0.10, 0.60	0.29	-0.03, 0.61	Fair agreement	0.76
T3 Right	76	59, 89	0.50	0.21, 0.80	0.53	0.24, 0.81	Moderate agreement	0.58
T4 Right	62	44, 78	0.25	-0.04, 0.55	0.24	-0.09, 0.56	Fair agreement	0.42
T5 Right	71	53, 85	0.41	0.13, 0.70	0.41	0.10, 0.72	Moderate agreement	0.64
T6 Right	62	44, 78	0.31	0.06, 0.55	0.23	-0.09, 0.56	Fair agreement	0.74
T7 Right	65	46, 80	0.35	0.10, 0.60	0.29	-0.03, 0.61	Fair agreement	0.76
T8 Right	68	49, 83	0.39	0.14, 0.65	0.35	0.04, 0.67	Fair agreement	0.78
T9 Right	68	49, 83	0.38	0.12, 0.64	0.35	0.04, 0.67	Fair agreement	0.81
T10 Right	68	49, 83	0.38	0.12, 0.64	0.35	0.04, 0.67	Fair agreement	0.78
T11 Right	85	69, 95	0.69	0.45, 0.93	0.71	0.47, 0.94	Substantial agreement	0.84
T12 Right	76	59, 89	0.53	0.28, 0.79	0.53	0.24, 0.81	Moderate agreement	1.00