

Table SII. Items with poor reliability<sup>a</sup> (n = 81)

	Response format	Kappa	Weighted Kappa	Lower CI	Upper CI
<b>History items</b>					
<i>Present symptoms</i>					
Left posterior calf pain	Yes/No	0.211		-0.236	0.657
Left anterior thigh pain	Yes/No	0.366		-0.160	0.892
Type of pain – Intermittent	Yes/No	0.187		-0.090	0.464
Type of pain – Constant	Yes/No	0.187		-0.090	0.464
Type of pain – Throbbing /pulsating pain	Yes/No	0.194		-0.278	0.665
Predominant pain – in the buttock	Yes/No	0.348		-0.222	0.917
Relieving position/motion – Walking	Yes/No	-0.034		-0.115	0.460
Relieving position/motion – Moving	Yes/No	-0.053		-0.157	0.520
Relieving position/motion – Sitting to standing	Yes/No	-0.034		-0.115	0.460
Relieving position/motion – Other	Yes/No	-0.087		-0.215	0.410
Aggravating position/motion – Straightening	Yes/No	-0.047		-0.142	0.490
Aggravating position/motion – Standing	Yes/No	0.379		-0.019	0.778
Aggravating position/motion – Staying still	Yes/No	-0.034		-0.115	0.460
Aggravating position/motion – Moving	Yes/No	-0.047		-0.142	0.490
Weakness	Yes/No	0.087		-0.316	0.490
Numbness	Yes/No	0.268		-0.236	0.773
Spasm	Yes/No	0.348		-0.222	0.917
<i>History of condition</i>					
Predisposing causes	Yes/No	0.091		-0.262	0.444
Previous episodes – Frequency	3-point Likert		-0.020	-0.450	0.314
Previous episodes – Duration	3-point Likert		0.000	0.000	0.520
<i>Function</i>					
Occupation – Repetitive motion	Yes/No	0.403		0.061	0.744
Occupation – Other	Yes/No	0.348		0.120	0.798
<i>Medical history</i>					
Drugs – Intake	Yes/No	0.318		-0.057	0.694
Drugs – High NSAIDs dose	Yes/No	-0.053		-0.157	0.520
Red Flags – Gait alteration	Yes/No	-0.034		-0.115	0.460
Other	Yes/No	-0.034		-0.115	0.460
Previous injuries	Yes/No	0.211		-0.155	0.576
<i>Psychosocial history</i>					
Attitudes – Beliefs – Diagnosis – Prognosis	5-point Likert		0.006	-0.321	0.296
Fear avoidance	5-point Likert		-0.042	-0.329	0.294
Psychological status	5-point Likert		0.403	0.083	0.721
Patient's expectations	5-point Likert		0.292	-0.029	0.630
<b>Physical Examination items</b>					
<i>Observation</i>					
Posture – Kypholordotic	Yes/No	0.366		-0.160	0.892
Posture – Flat back	Yes/No	0.366		-0.160	0.892
Functional demo	Yes/No	0.325		0.144	0.529
Gait – Other	Yes/No	-0.034		-0.115	0.460
Low muscle tone	Yes/No	0.286		-0.140	0.712
High muscle tone	Yes/No	-0.032		-0.355	0.292
<i>Active movements</i>					
ROM – Flexion	3-point Likert		0.286	0.000	0.551
ROM – Extension	3-point Likert		0.360	0.027	0.644
ROM – Left side flexion	3-point Likert		0.241	-0.047	0.545
ROM – Right side flexion	3-point Likert		0.000	-0.288	0.333
Pain in left side flexion	Yes/No	0.273		-0.094	0.640
ROM – Anterior pelvic tilt	3-point Likert		0.113	-0.065	0.381
ROM – Pain in anterior pelvic tilt	Yes/No	0.314		-0.084	0.711
ROM – Pain in posterior pelvic tilt	Yes/No	0.366		-0.160	0.892
Pain with repeated extension	3-point Likert		0.316	-0.080	0.674
Combined – Flexion with Right SF	Yes/No	0.118		-0.268	0.530
Combined – Flexion with Left SF	Yes/No	0.211		-0.155	0.576
Pain in flexion with Left SF	Yes/No	0.314		-0.084	0.711
<i>Neurological examination</i>					
L1 sensation	4-point Likert		0.200	-0.429	0.732
L5 sensation	4-point Likert		-0.168	-0.667	0.453
S1 sensation	4-point Likert		0.224	-0.667	1.000
L2 myotome	Yes/No	-0.053		-0.157	0.520

Reflex – Quadriceps	5-point Likert		-0.017	-0.512	0.571
Reflex – Achilles tendon	5-point Likert		0.195	-0.071	0.667
SLR – ROM	3-point Likert		0.129	-0.245	0.530
<i>Passive joint &amp; palpation</i>					
Hip ROM – External rotation	3-point Likert		-0.047	-0.142	0.490
Hip ROM – Internal rotation	3-point Likert		-0.087	-0.215	0.410
SI ROM – Distraction	3-point Likert		0.151	-0.191	0.491
SI ROM – Thigh thrust	3-point Likert		0.136	-0.250	0.446
SI ROM – Compression test	3-point Likert	-0.042		-0.213	0.129
SI pain – Thigh thrust test	Yes/No	0.348		-0.222	0.917
SI pain – Compression test	Yes/No	0.348		-0.222	0.917
Postero-anterior (glide) T12	3-point Likert		-0.087	-0.215	0.410
Postero-anterior (glide) L1	3-point Likert		0.040	-0.339	0.419
Postero-anterior (glide) L2	3-point Likert		-0.333	-0.545	0.059
Postero-anterior (glide) L3	3-point Likert		0.051	-0.174	0.275
Postero-anterior (glide) L4	3-point Likert		0.086	-0.340	0.516
Postero-anterior (glide) L5	3-point Likert		-0.192	-0.562	-0.260
Postero-anterior (glide) S1	3-point Likert		-0.032	-0.250	0.141
Postero-anterior pain – L3	Yes/No	-0.114		-0.470	0.178
Postero-anterior pain – L4	Yes/No	0.273		-0.063	0.690
Postero-anterior pain – L5	Yes/No	0.333		0.000	-1.000
Palpation – Lower lumbar	Yes/No	-0.140		-0.423	-0.215
<i>Muscle control</i>					
Gluteus maximus	5-point Likert		0.049	-0.138	0.318
Hamstrings	5-point Likert		0.194	-0.278	0.665
<i>Clinical reasoning analysis</i>					
Movement pattern – Opening	Yes/No	0.286		0.012	0.559
Movement pattern – Controlling dysfunction	Yes/No	0.333		0.024	0.643
Pain behaviour signs – Conflicts in presentation	5-point Likert		0.129	-0.371	0.514
Pain behaviour signs – Exaggeration	5-point Likert		0.345	-0.110	0.712
Secondary pain mechanism involved	5-point Likert		0.313	0.000	0.731

\*Kappa <0.41.

CI: confidence interval, BC: body chart, NSAIDs: non-steroidal anti-inflammatory drugs, SF: side flexion, ROM: range of movement, SLR: straight leg raise, SI: sacroiliac.