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Correction to: Extending the straight leg raise test for improved clinical evaluation of sciatica: validity and diagnostic performance with reference to the magnetic resonance imaging

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Correction to: BMC Musculoskelet Disord 22, 808 (2021) https://doi.org/10.1186/s12891-021-04649-z

Following publication of this article [1], the authors report the following corrections to the main text and Figs. 4 and 5:

i) The authors noticed that the sensitivity and specificity values for both lumbar disc herniation and nerve root compression for extended straight leg raise and traditional straight leg raise test were miscalculated due to erroneous formula in the Excel file. The reported sensitivity and specificity values have been corrected to the abstract and to the results section on Figs. 4 and 5.

Corrected values are (old → corrected):

ESLR sensitivity for lumbar disc herniation $0.85 \rightarrow 0.61$

ESLR specificity for lumbar disc herniation $0.45 \rightarrow 0.75$

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Traditional SLR sensitivity for lumbar disc herniation $0.90 \rightarrow 0.32$

Traditional SLR specificity for lumbar disc herniation $0.37 \rightarrow 0.92$ (all Fig. 4).

ESLR sensitivity for nerve root compression $0.75 \rightarrow 0.60$

ESLR specificity for nerve root compression $0.50 \rightarrow 0.67$

Traditional SLR sensitivity for nerve root compression $0.70 \rightarrow 0.28$

Traditional SLR specificity for nerve root compression $0.40 \rightarrow 0.80$ (all Fig. 5).

ii) With the corrected values to the sensitivity and specificity, two sentences in the Discussion's third paragraph had minor changes. The focus of the study, main discussion or the message of the study remains unchanged and unaffected. Also, the conclusion of the study remains unchanged.



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	MRI				MRI				
		Positive	Negative				Positive	Negative	
ESLR	Positive	17	3	20	Trad. SLR	Positive	9	1	10
	Negative	11	9	20		Negative	19	11	30
		28	12	n = 40			28	12	n = 40
	Sensitivity	0.61				Sensitivity	0.32		
	Specificity	0.75				Specificity	0.92		

ESLR = Extended straight leg raise test; MRI = Magnetic resonance imaging; Trad. SLR = Traditional straight leg raise test

Fig. 4 Crosstabulations between ESLR, traditional SLR and MRI findings for lumbar disc herniation. ESLR = Extended straight leg raise test; MRI = Magnetic resonance imaging; Trad. SLR = Traditional straight leg raise test

		MRI					MRI		
		Positive	Negative				Positive	Negative	
ESLR	Positive	15	5	20	Trad. SLR	Positive	7	3	10
	Negative	10	10	20		Negative	18	12	30
		25	15	n = 40			25	15	n = 40
	Sensitivity	0.60				Sensitivity	0.28		
	Specificity	0.67				Specificity	0.80		

ESLR = Extended straight leg raise test; MRI = Magnetic resonance imaging; Trad. SLR = Traditional straight leg raise test

Fig. 5 Crosstabulations between ESLR, traditional SLR and MRI findings for neural compression. ESLR = Extended straight leg raise test; MRI = Magnetic resonance imaging; Trad. SLR = Traditional straight leg raise test

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