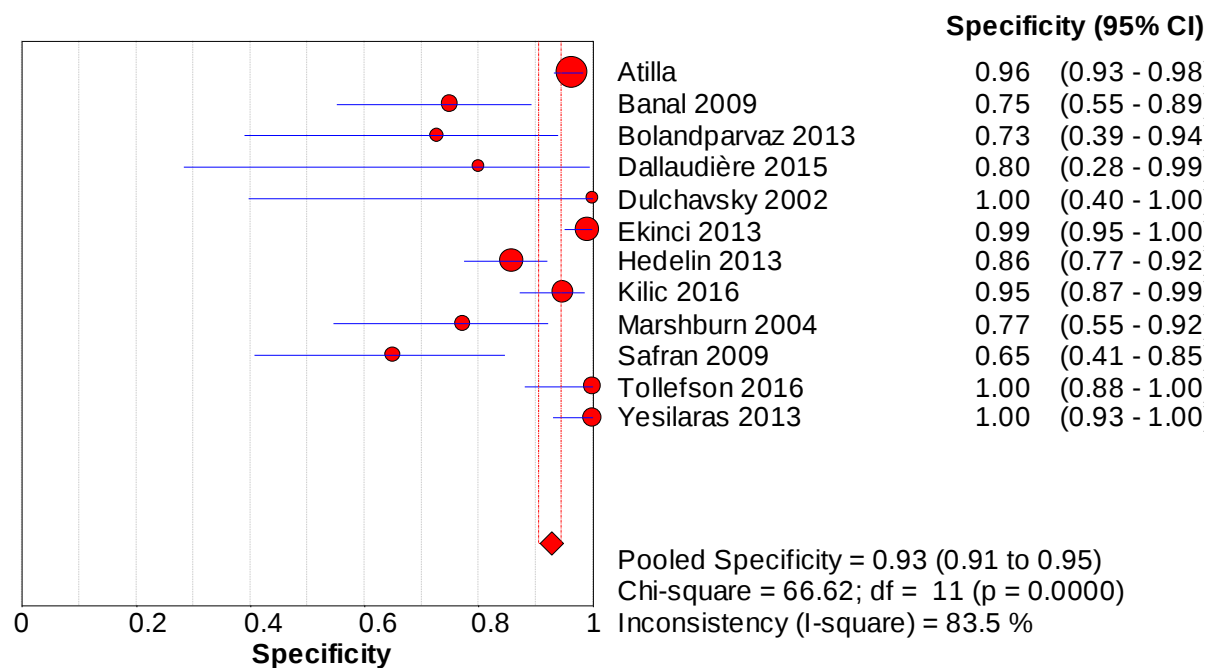
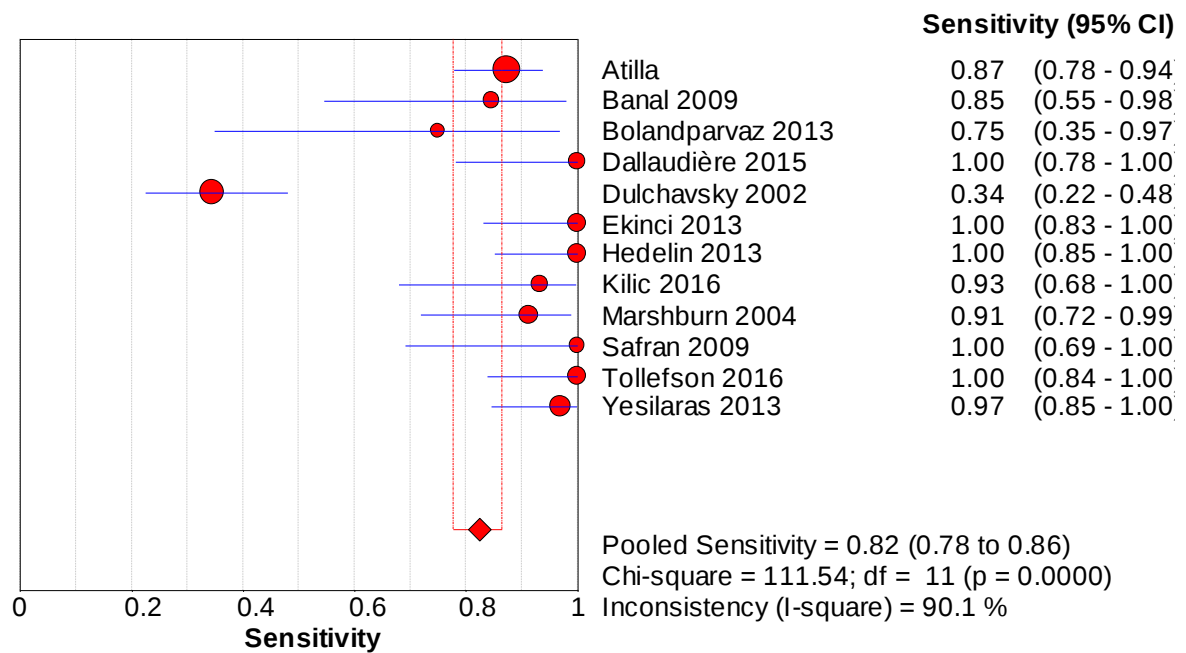
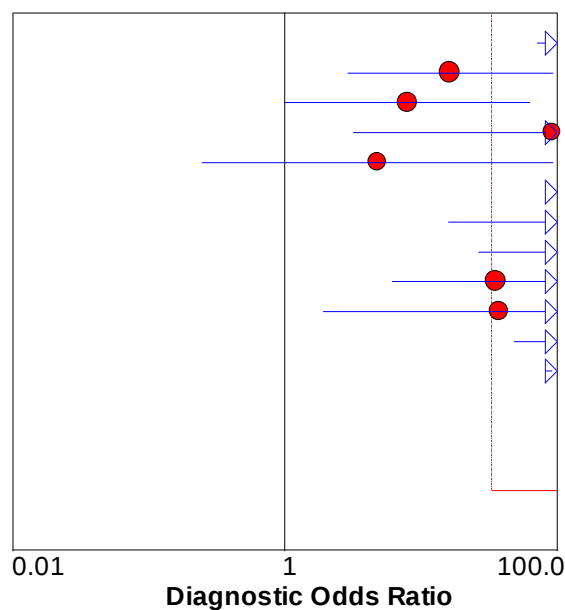


Additional file 8: Meta-analysis of pooled lower limb fracture data:





Diagnostic OR (95% CI)

Atila	184.77	(72.21 - 472.75)
Banal 2009	16.50	(2.92 - 93.31)
Bolandparvaz 2013	8.00	(1.00 - 63.96)
Dallaudière 2015	93.00	(3.20 - 2,699.71)
Dulchavsky 2002	4.79	(0.25 - 93.45)
Ekinci 2013	3,047.67	(119.95 - 77,436.91)
Hedelin 2013	277.14	(15.94 - 4,819.56)
Kilic 2016	255.50	(26.54 - 2,460.02)
Marshburn 2004	35.70	(6.14 - 207.52)
Safran 2009	37.80	(1.93 - 739.86)
Tollefson 2016	2,537.00	(48.40 - 132,970.31)
Yesilaras 2013	2,300.33	(90.99 - 58,154.48)

Random Effects Model

Pooled Diagnostic Odds Ratio = 98.53 (33.44 to 290.28)

Cochran-Q = 28.87; df = 11 (p = 0.0024)

Inconsistency (I-square) = 61.9 %

Tau-squared = 1.9913

Study	TP	FP	FN	TN	Sensitivity (95% CI)	Specificity (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)
Atila 2014	69	9	10	241	0.87 [0.78, 0.94]	0.96 [0.93, 0.98]		
Banal 2009	11	7	2	21	0.85 [0.55, 0.98]	0.75 [0.55, 0.89]		
Bolandparvaz 2013	6	3	2	8	0.75 [0.35, 0.97]	0.73 [0.39, 0.94]		
Dallaudière 2015	15	1	0	4	1.00 [0.78, 1.00]	0.80 [0.28, 0.99]		
Dulchavsky 2002	20	0	38	4	0.34 [0.22, 0.48]	1.00 [0.40, 1.00]		
Ekinci 2013	20	1	0	111	1.00 [0.83, 1.00]	0.99 [0.95, 1.00]		
Hedelin 2013	23	14	0	85	1.00 [0.85, 1.00]	0.86 [0.77, 0.92]		
Kilic 2016	14	4	1	73	0.93 [0.68, 1.00]	0.95 [0.87, 0.99]		
Marshburn 2004	21	5	2	17	0.91 [0.72, 0.99]	0.77 [0.55, 0.92]		
Safran 2009	10	7	0	13	1.00 [0.69, 1.00]	0.65 [0.41, 0.85]		
Tollefson 2016	21	0	0	29	1.00 [0.84, 1.00]	1.00 [0.88, 1.00]		
Yesilaras 2013	33	0	1	51	0.97 [0.85, 1.00]	1.00 [0.93, 1.00]		