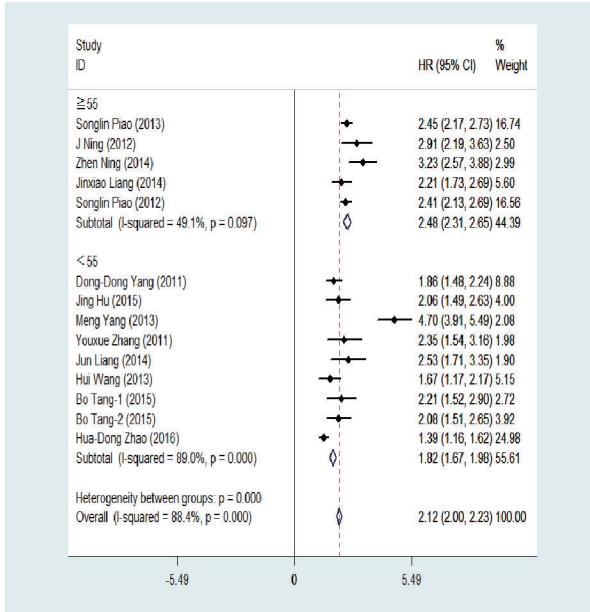
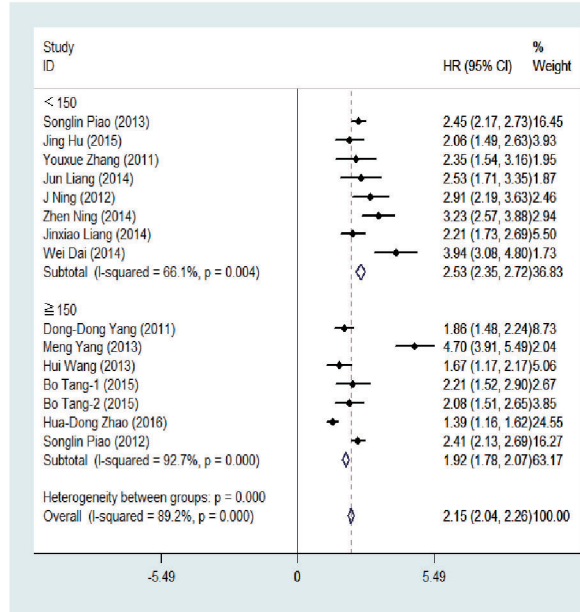


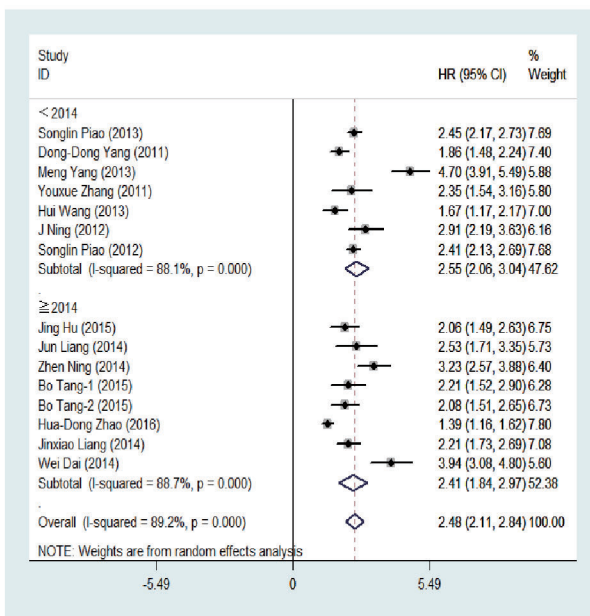
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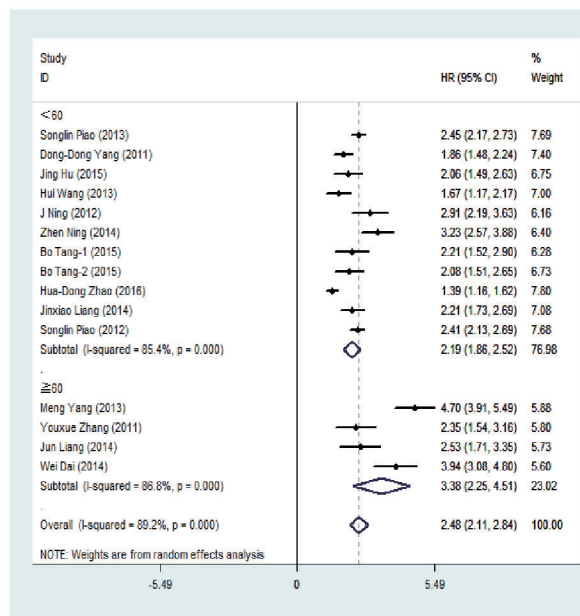
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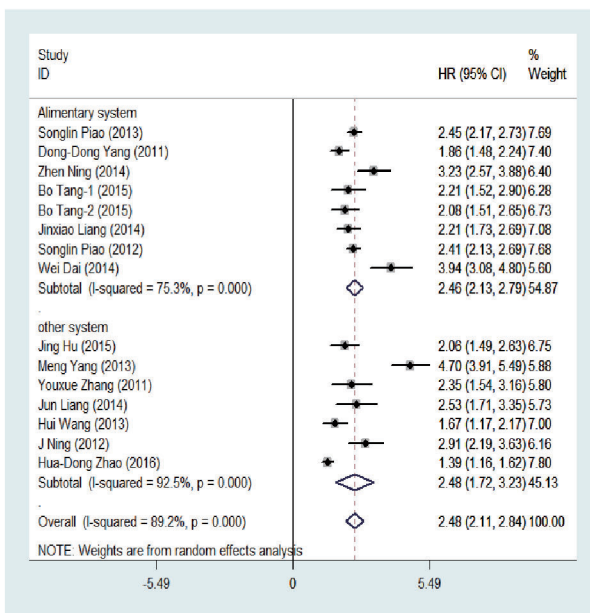
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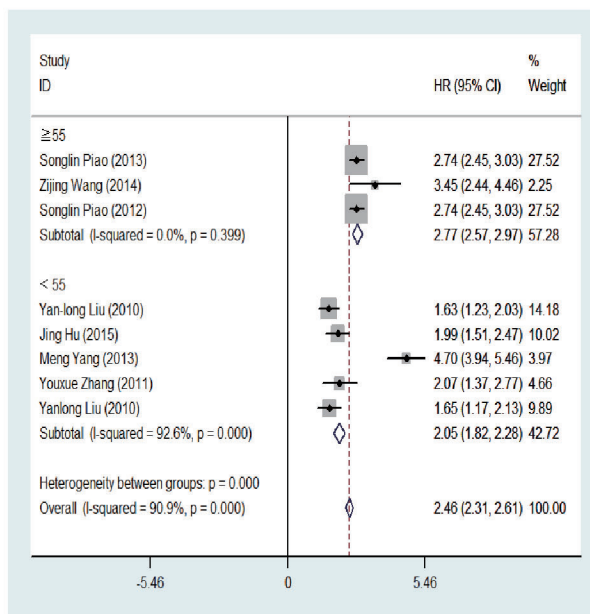
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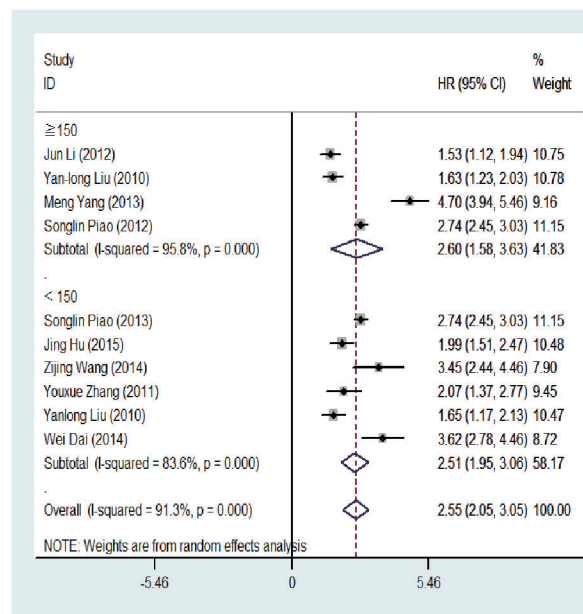
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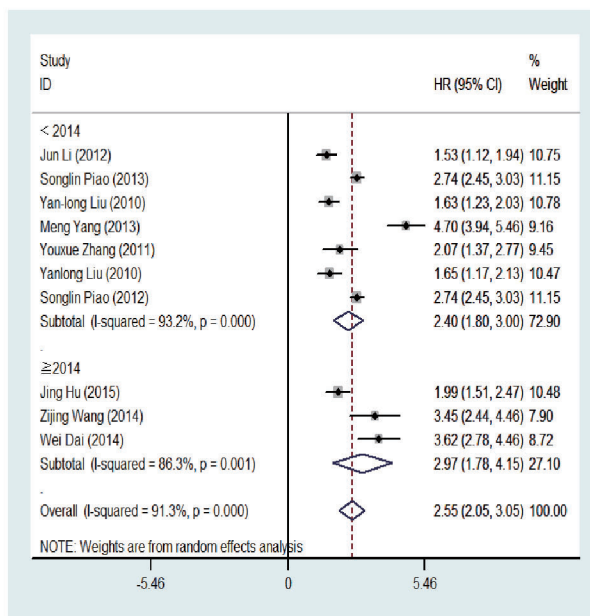
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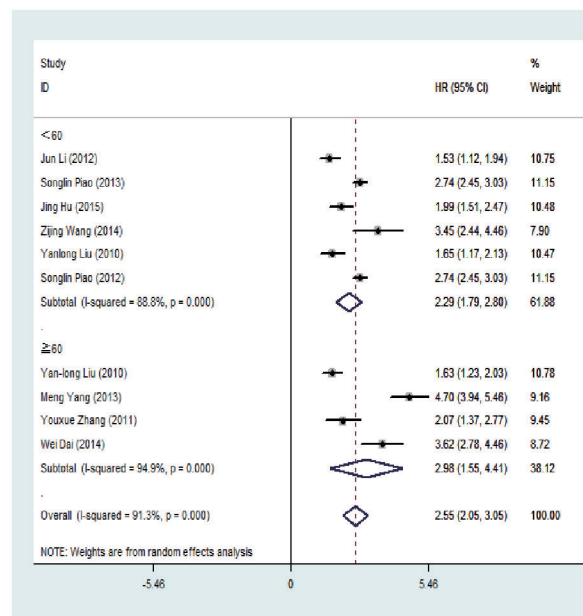
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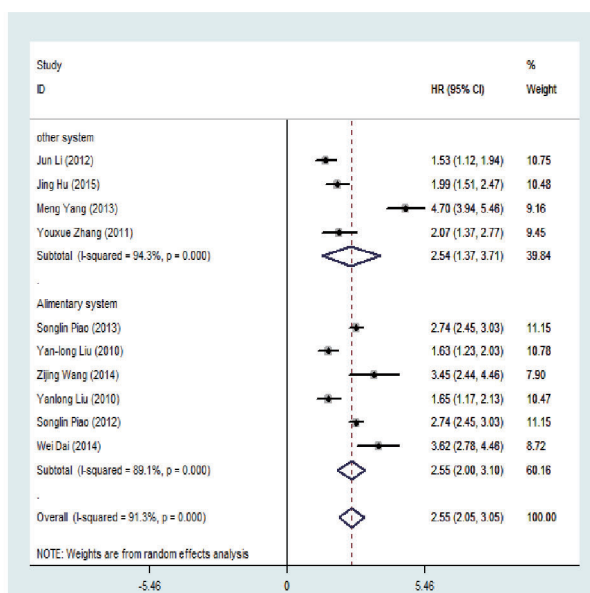
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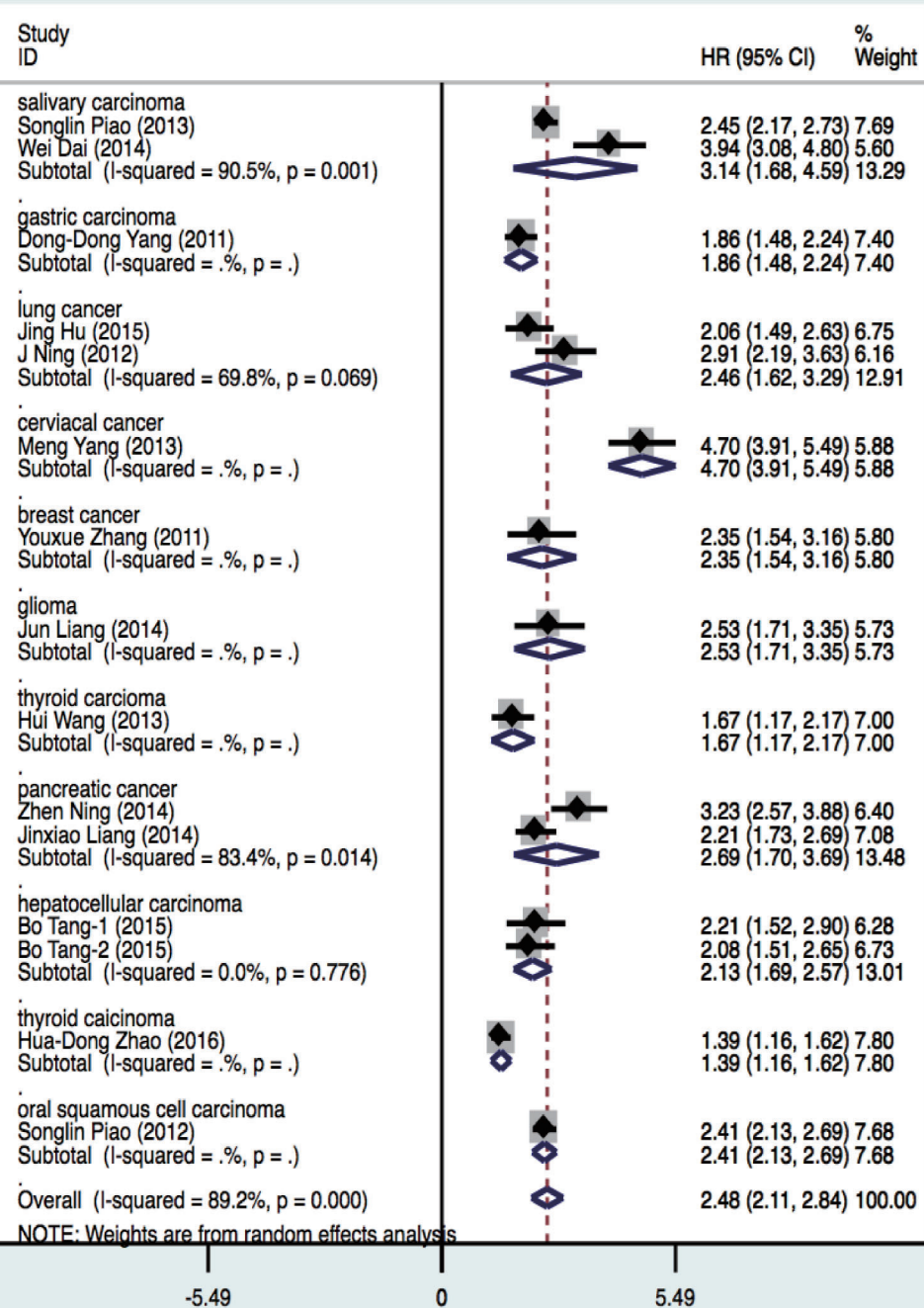
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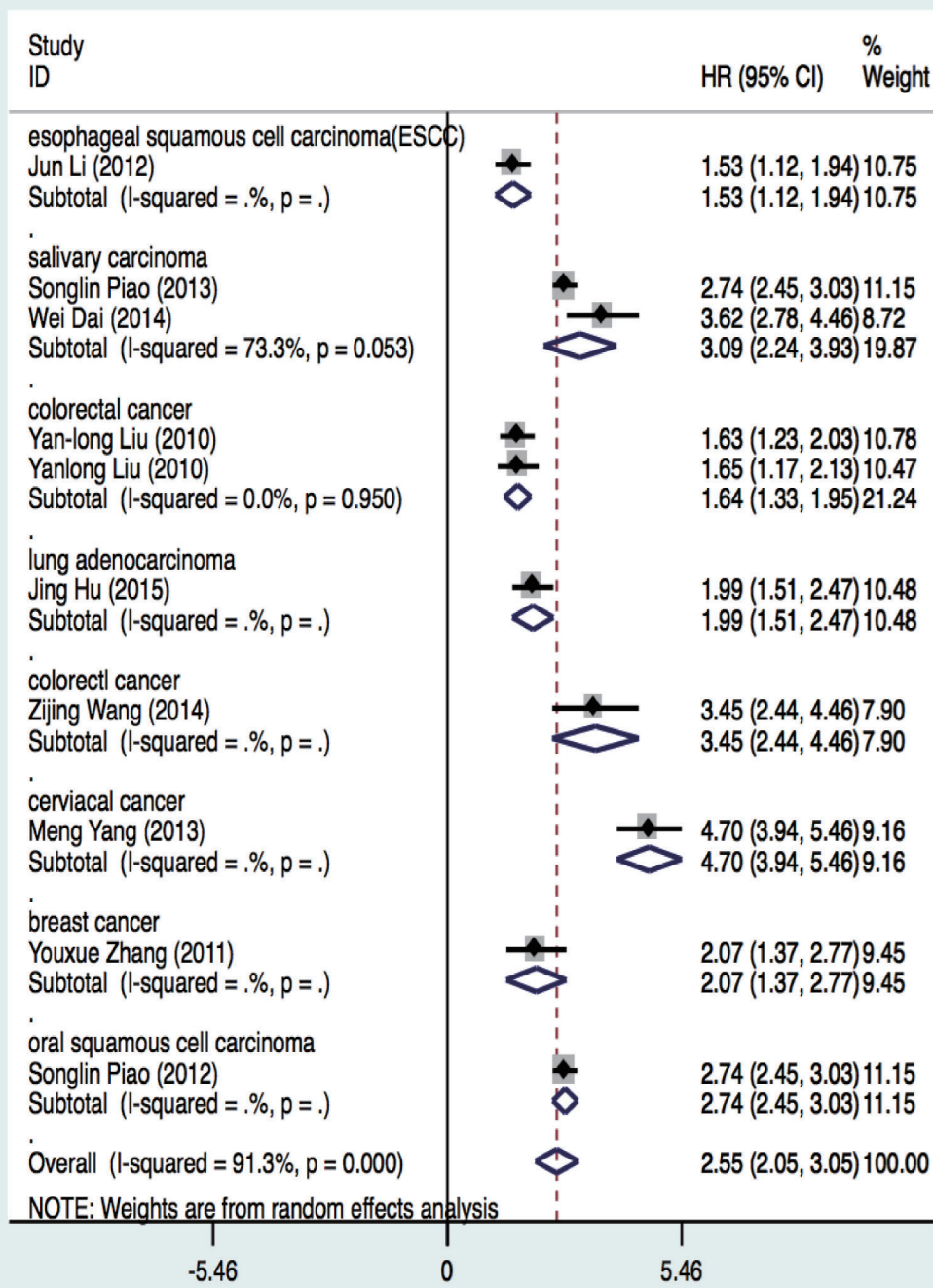
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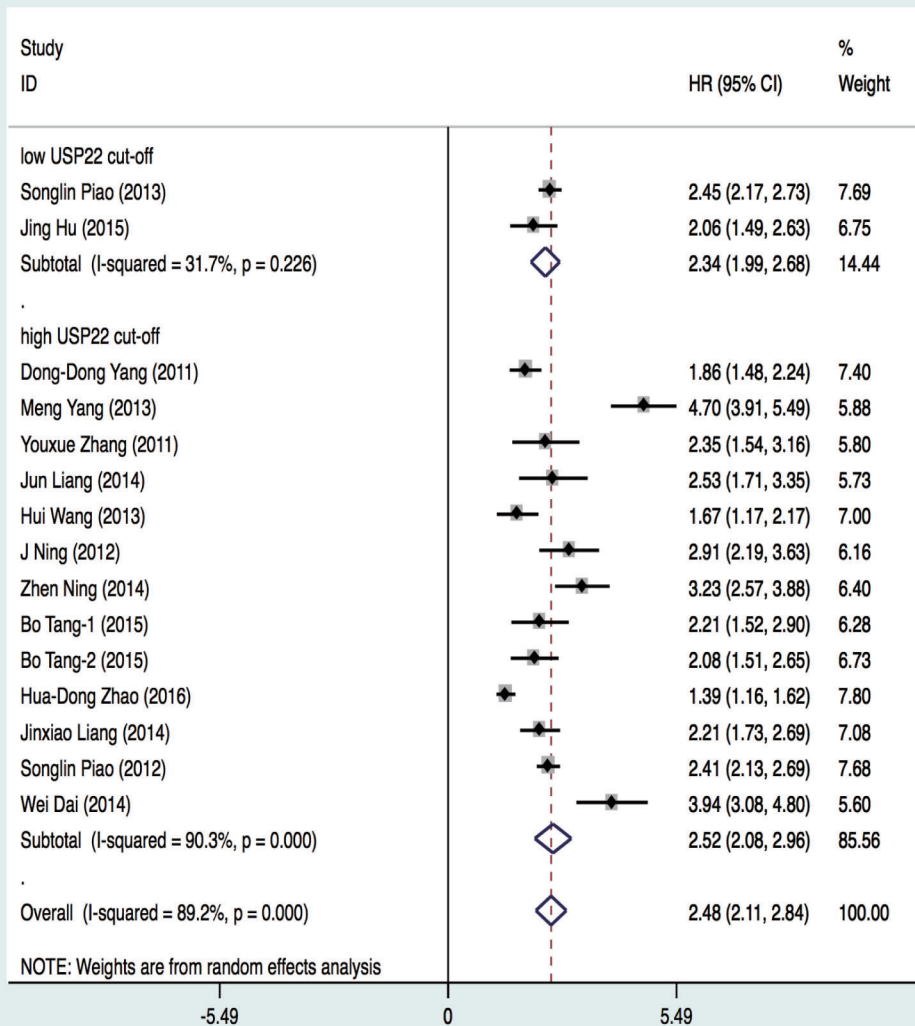
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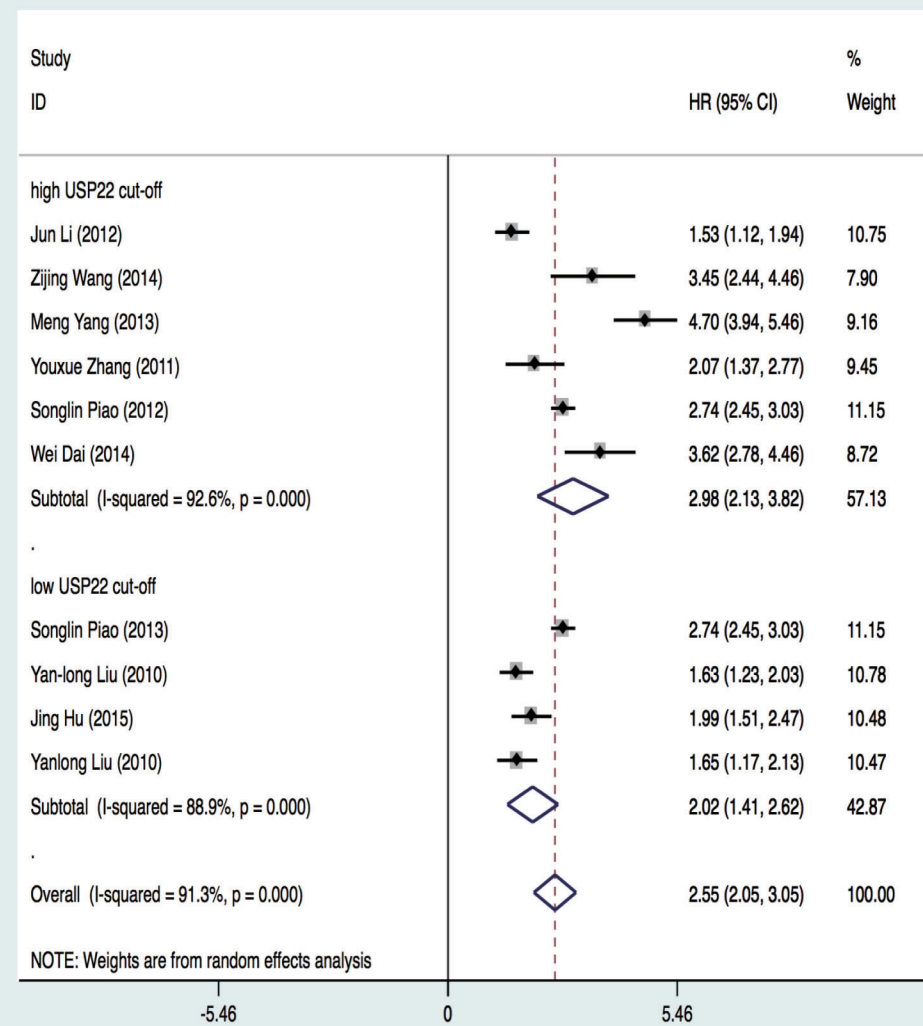
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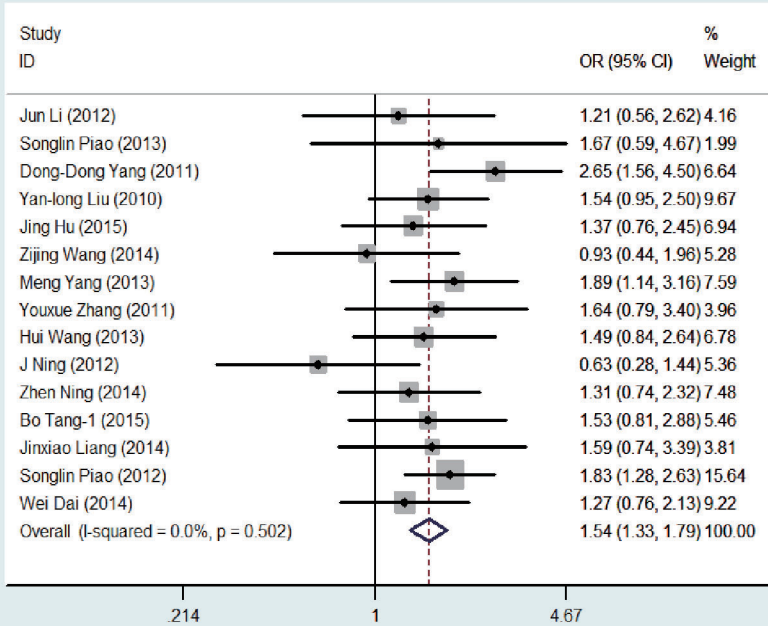
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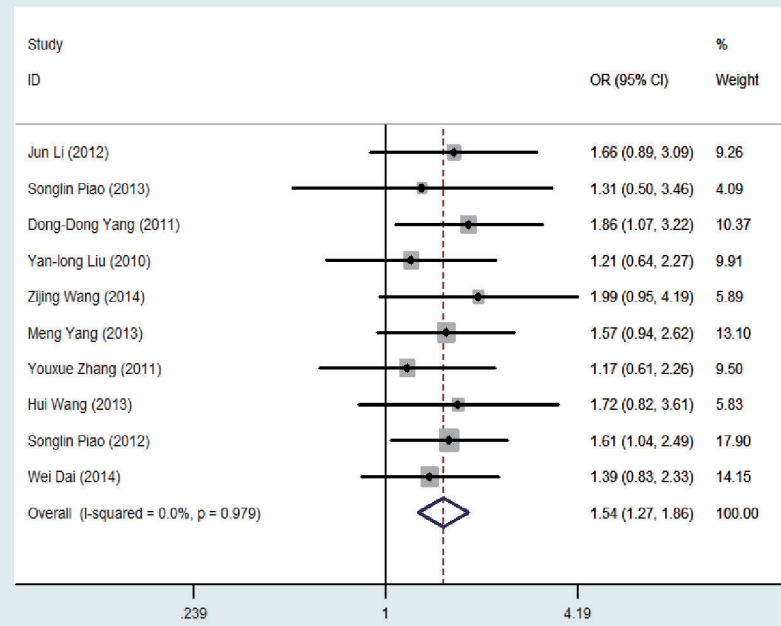
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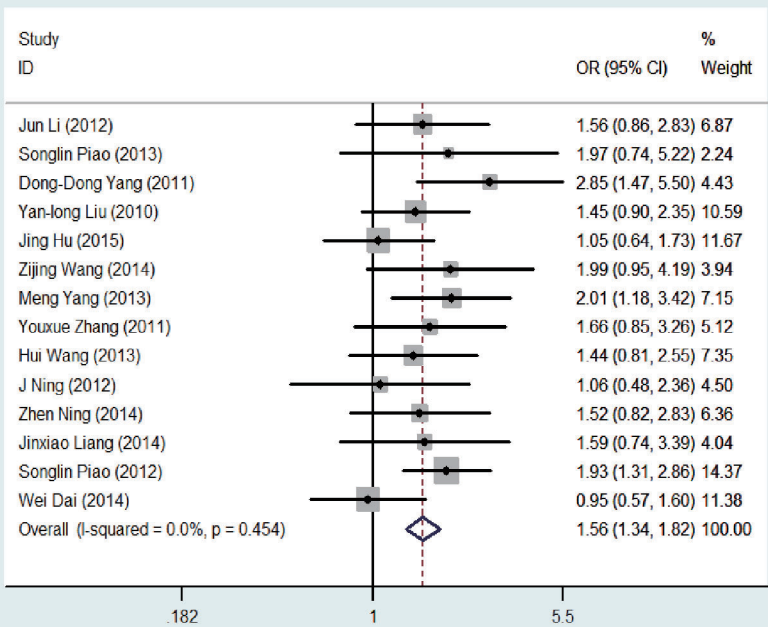
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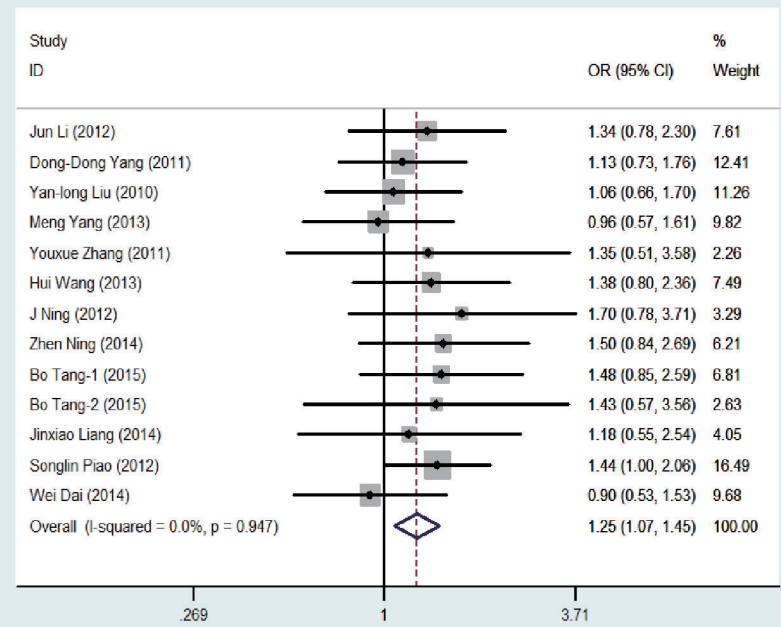
B



C

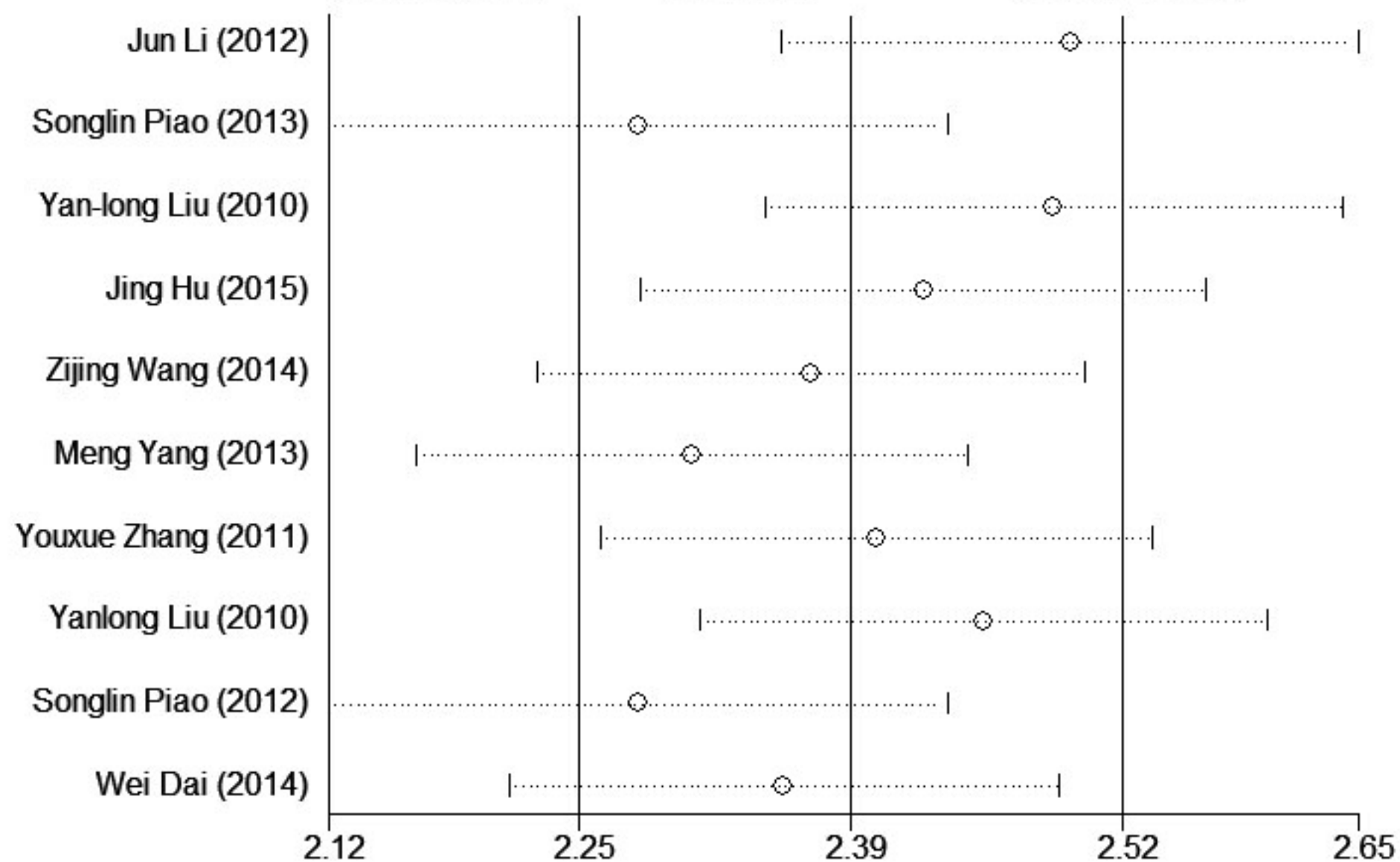


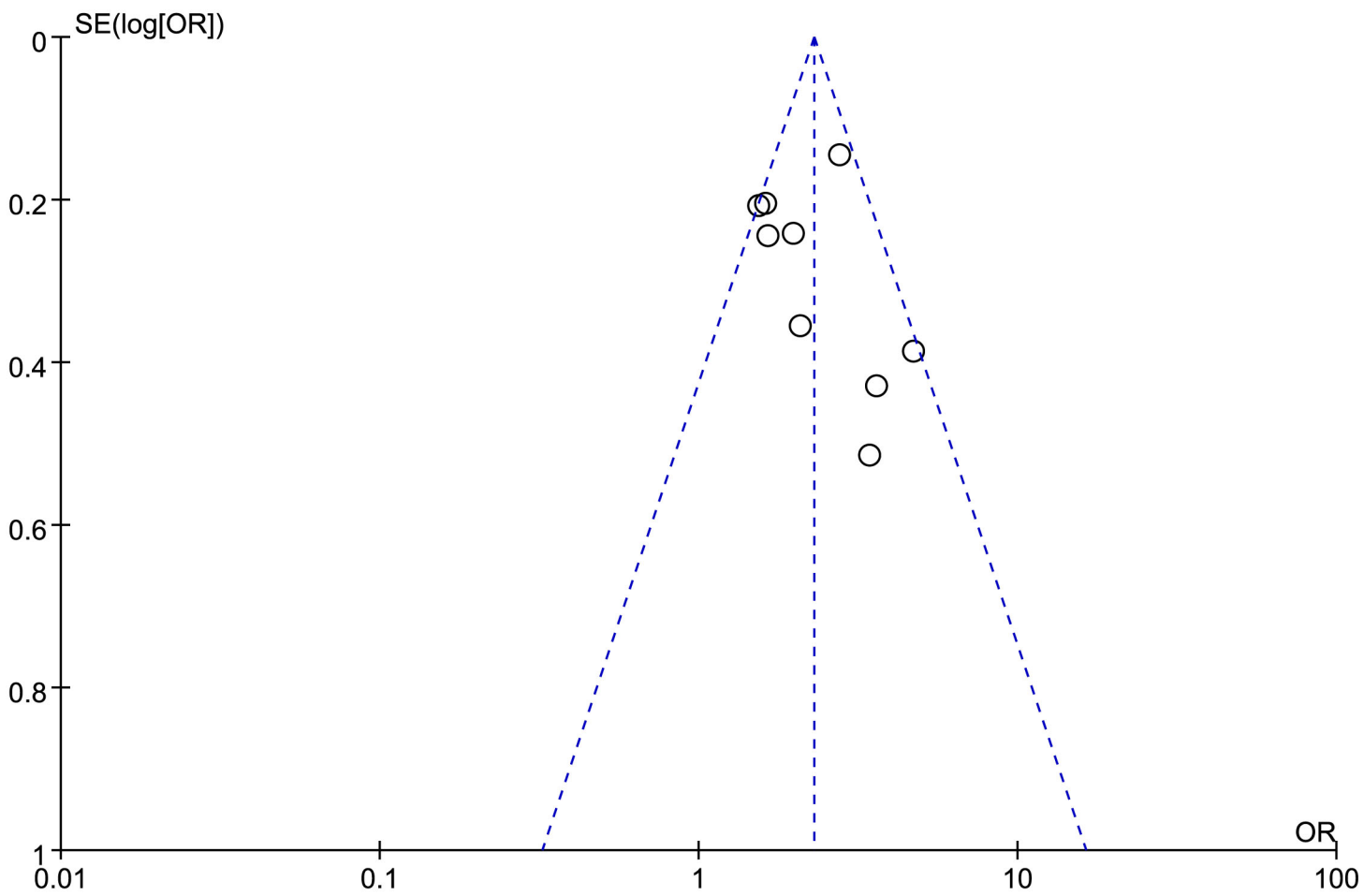
D



Meta-analysis estimates, given named study is omitted

| Lower CI Limit ○ Estimate | Upper CI Limit





Begg's Test

adj. Kendall's Score (P-Q) = 32
 Std. Dev. of Score = 20.21 (corrected for ties)
 Number of Studies = 15
 z = 1.58
 Pr > |z| = 0.113
 z = 1.53 (continuity corrected)
 Pr > |z| = 0.125 (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
slope	1.486136	.4324795	3.44	0.004	.5518203	2.420451
bias	3.718714	2.103437	1.77	0.101	-.8254848	8.262912

Begg's Test

adj. Kendall's Score (P-Q) = 10
 Std. Dev. of Score = 11.18 (corrected for ties)
 Number of Studies = 10
 z = 0.89
 Pr > |z| = 0.371
 z = 0.80 (continuity corrected)
 Pr > |z| = 0.421 (continuity corrected)

Egger's test

Std_Eff	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
slope	2.018397	.6687716	3.02	0.017	.4762072	3.560587
bias	1.758469	2.971744	0.59	0.570	-5.094385	8.611323

Table S1: Quality assessment of studies enrolled using the NEWCASTLE-OTTAWA QUALITY ASSESSMENT SCALE

Study (author, year)	selection				comparability	outcome			scores
	1	2	3	4		1	2	3	
Jun Li (2012)	★	★	-	★	★★	-	★	★	7
Songlin Piao (2013)	★	★	★	★	★	★	★	★	8
Dong-Dong Yang (2011)	★	★	★	-	★★	★	★	★	8
Yan-long (2010)	★	★	★	★	★★	-	★	-	7
Jing Hu (2015)	★	-	★	★	★	★	-	★	7
Zijing Wang (2014)	-	★	-	★	★★	★	★	★	7
Meng Yang (2013)	★	-	★	★	★★	★	★	★	8
Youxue Zhang (2011)	★	★	★	★	★★	★	★	★	9
Jun Liang (2014)	★	★	★	★	★	-	★	★	7

Hui Wang (2013)	★	★	★	★	★★	★	-	★	8
J Ning (2012)	★	★	-	★	★★	★	★	★	8
Zhen Ning (2014)	-	★	★	★	★	★	★	★	7
Bo Tang-1 (2015)	★	★	★	-	★★	★	★	★	8
Yanlong Liu (2010)	★	★	★	★	★	-	★	★	7
Bo Tang-2 (2015)	★	★	★	★	★★	★	★	★	9
Hua-Dong Zhao (2016)	★	★	★	-	★★	-	★	★	7
Jinxiao Liang (2014)	-	★	-	★	★★	★	★	-	6
Songlin Piao (2012)	★	★	★	★	★★	★	-	★	8
Wei Dai (2014)	★	★	★	★	★★	★	★	★	9
