	Heavy lifting		No lifting		Odds Ratio		Odds Ratio	Risk of Bias
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI	Α
1.1.2 Case Control stu	ıdies							
Ahsan 2013	36	92	46	114	0.0%	0.95 [0.54, 1.67]		•
Kelsey 1975b	71	143	29	61	0.0%	1.09 [0.60, 1.98]		•
Seidler 2003	50	136	28	92	27.7%	1.33 [0.76, 2.34]	-	•
Seidler 2009 Subtotal (95% CI)	221	443 579	150	531 623	38.7% 66.4%	2.53 [1.94, 3.30] 1.93 [1.03, 3.59]	-	•
Total events	271		178					
Heterogeneity: Tau ² = 0	0.16; Chi ²	= 4.09,	df = 1 (P	= 0.04)	; I ² = 76%			
Test for overall effect: Z	z = 2.07 (F	P = 0.04)	,				
1.1.3 Cohort studies								
Kaila-Kangas 2009 Subtotal (95% CI)	32	643 643	100	2610 2610	33.6% 33.6%	1.31 [0.87, 1.98] 1.31 [0.87, 1.98]		•
Total events	32		100					
Heterogeneity: Not app	licable							
Test for overall effect: 2	Z = 1.31 (F	P = 0.19)					
Total (95% CI)		1222		3233	100.0%	1.70 [1.04, 2.78]	•	
Total events	303		278					
Heterogeneity: Tau ² = 0	0.14; Chi ²	= 9.05,	df = 2 (P	= 0.01)	; I ² = 78%	<u> </u>	1 0 0 1 1 1 1 1	Ä
Test for overall effect: Z	Z = 2.11 (F	P = 0.03)	,			.1 0.2 0.5 1 2 5 1 vours Heavy Lifting Favours No Lifting	0
Test for subgroup differ	ences: Ch	ni² = 1.0	2, df = 1 (P = 0.3	31), I ² = 1.5°	%	rouis fleavy Litting Favours No Litting	
Risk of bias legend					-			

Figure e-5 Forest plot lifting and/or carrying and LRS including only low (green dot) risk of bias studies

(A) Risk of Bias