

## Supplementary

### Appendix 1 Search strategy for Eight electronic databases

PubMed	
#1	"Low Back Pain"[Mesh]
#2	"Back Pain"[Mesh]
#3	"Sprains and Strains"[Mesh]
#4	"Soft Tissue Injuries"[Mesh]
#5	"Musculoskeletal Diseases"[Mesh]
#6	(((((back pain[Title/Abstract]) OR (sprains[Title/Abstract]) OR (strains[Title/Abstract]) OR (soft tissue injuries[Title/Abstract]) OR (musculoskeletal diseases[Title/Abstract]) OR (backache[Title/Abstract]) OR (lumbar sprain[Title/Abstract]) OR (lumbago[Title/Abstract]) OR (dorsalgia[Title/Abstract]) OR (lumbar pain[Title/Abstract]))))
#7	acute[Title/Abstract]
#8	(#1 OR #2 OR #3 OR #4 OR #5 OR #6) AND #7
#9	"Acupuncture"[Mesh] OR "Acupuncture Therapy"[Mesh] OR "Acupuncture, Ear"[Mesh] OR "Acupuncture Points"[Mesh] OR "Acupuncture Analgesia"[Mesh]
#10	"Electroacupuncture"[Mesh]
#11	(Acupuncture[Title/Abstract] OR (electroacupuncture[Title/Abstract]))
#12	#9 OR #10 OR #11
#13	(((((randomized controlled trial[Publication Type]) OR (controlled clinical trial[Publication Type])) OR (randomized[Title/Abstract]) OR (placebo[Title/Abstract])) OR (randomly[Title/Abstract]) OR (trial[Title]))
#14	"Clinical Trials as Topic"[Mesh]
#15	#13 OR #14
#16	#8 AND #12 AND #15

Cochrane library	
#1	MeSH descriptor: [Low Back Pain] explode all trees
#2	MeSH descriptor: [Back Pain] explode all trees
#3	MeSH descriptor: [Sprains and Strains] explode all trees
#4	MeSH descriptor: [Soft Tissue Injuries] explode all trees
#5	MeSH descriptor: [Musculoskeletal Diseases] explode all trees
#6	(back pain):ti,ab,kw OR (sprains):ti,ab,kw OR (strains):ti,ab,kw OR (soft tissue injuries):ti,ab,kw OR (musculoskeletal diseases):ti,ab,kw OR (backache):ti,ab,kw OR (lumbar sprain):ti,ab,kw OR (lumbago):ti,ab,kw OR (dorsalgia):ti,ab,kw OR (lumbar pain):ti,ab,kw
#7	(acute):ti,ab,kw
#8	MeSH descriptor: [Acupuncture] explode all trees
#9	MeSH descriptor: [Acupuncture Therapy] explode all trees
#10	MeSH descriptor: [Acupuncture, Ear] explode all trees
#11	MeSH descriptor: [Acupuncture Points] explode all trees
#12	MeSH descriptor: [Acupuncture Analgesia] explode all trees
#13	MeSH descriptor: [Electroacupuncture] explode all trees
#14	(acupuncture):ti,ab,kw OR (acupuncture therapy):ti,ab,kw OR (acupuncture, ear):ti,ab,kw OR (acupuncture points):ti,ab,kw OR (acupuncture analgesia):ti,ab,kw OR (electroacupuncture):ti,ab,kw
#15	(#1 OR #2 OR #3 OR #4 OR #5 OR #6) AND #7
#16	#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14
#17	#15 AND #16

Web of Science	
# 1	TS=(low back pain OR back pain OR sprains OR strains OR soft tissue injuries OR musculoskeletal diseases OR backache OR lumbar sprain OR lumbago OR dorsalgia OR lumbar pain) AND TS=(acute) Databases= WOS, BCI, BIOSIS, CCC, DRCI, DIIDW, KJD, MEDLINE, RSCI, SCIELO, ZOOREC Timespan=All years Search language=Auto
# 2	TS=(acupuncture OR acupuncture therapy OR acupuncture, ear OR acupuncture points OR acupuncture analgesia OR electroacupuncture) Databases= WOS, BCI, BIOSIS, CCC, DRCI, DIIDW, KJD, MEDLINE, RSCI, SCIELO, ZOOREC Timespan=All years Search language=Auto
#3	TS=(randomized controlled trial OR randomized OR randomly) Databases= WOS, BCI, BIOSIS, CCC, DRCI, DIIDW, KJD, MEDLINE, RSCI, SCIELO, ZOOREC Timespan=All years Search language=Auto
#4	#1 AND #2 AND #3

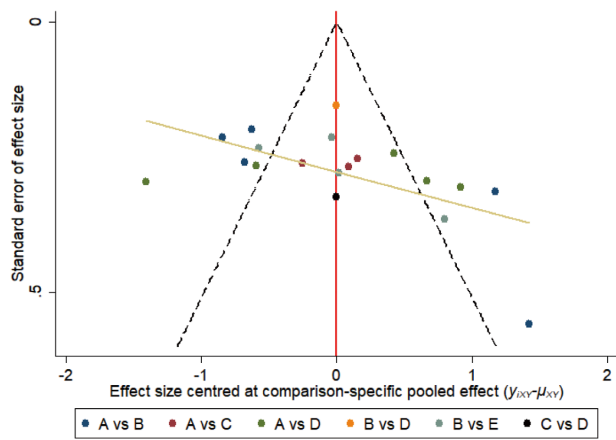
Embase	
#1	'low back pain'/exp
#2	'backache'/exp
#3	'injury'/exp
#4	'soft tissue injury'/exp
#5	'musculoskeletal disease'/exp
#6	'low back pain':ab,ti OR 'backache':ab,ti OR 'injury':ab,ti OR 'soft tissue injury':ab,ti OR 'musculoskeletal disease':ab,ti OR 'back pain':ab,ti OR 'lumbar sprain':ab,ti OR 'lumbago':ab,ti OR 'dorsalgia':ab,ti OR 'lumbar pain':ab,ti
#7	#1 OR #2 OR #3 OR #4 OR #5 OR #6
#8	acute
#9	#7 AND #8
#10	'acupuncture'/exp
#11	'auricular acupuncture'/exp
#12	'acupuncture point'/exp
#13	'acupuncture analgesia'/exp
#14	'electroacupuncture'/exp
#15	'acupunctur':ab,ti OR 'electroacupuncture':ab,ti
#16	#10 OR #11 OR #12 OR #13 OR #14 OR #15
#17	'randomized controlled trial'/exp
#18	'randomized controlled trial (topic)'/exp
#19	'randomized controlled trial':ab,ti OR 'randomized':ab,ti OR 'randomly':ab,ti OR 'placebo':ab,ti
#20	#17 OR #18 OR #19
#21	#9 AND #16 AND #20

CNKI	
#1	(主题 = 急性腰扭伤 或者 题名 = 急性腰扭伤 或者 v_subject= 中英文扩展 (急性腰扭伤) 或者 title= 中英文扩展 (急性腰扭伤)) (模糊匹配)
#2	(主题 = 急性腰痛 或者 题名 = 急性腰痛 或者 v_subject= 中英文扩展 (急性腰痛) 或者 title= 中英文扩展 (急性腰痛)) (模糊匹配)
#3	(主题 = 闪腰 或者 题名 = 闪腰 或者 v_subject= 中英文扩展 (闪腰) 或者 title= 中英文扩展 (闪腰)) (模糊匹配)
#4	#1 OR #2 OR #3
#5	(主题 = 针刺 或者 题名 = 针刺 或者 v_subject= 中英文扩展 (针刺) 或者 title= 中英文扩展 (针刺)) (模糊匹配)
#6	(主题 = 针灸 或者 题名 = 针灸 或者 v_subject= 中英文扩展 (针灸) 或者 title= 中英文扩展 (针灸)) (模糊匹配)
#7	(主题 = 电针 或者 题名 = 电针 或者 v_subject= 中英文扩展 (电针) 或者 title= 中英文扩展 (电针)) (模糊匹配)
#8	(主题 = 头针 或者 题名 = 头针 或者 v_subject= 中英文扩展 (头针) 或者 title= 中英文扩展 (头针)) (模糊匹配)
#9	(主题 = 腕踝针 或者 题名 = 腕踝针 或者 v_subject= 中英文扩展 (腕踝针) 或者 title= 中英文扩展 (腕踝针)) (模糊匹配)
#10	(主题 = 平衡针 或者 题名 = 平衡针 或者 v_subject= 中英文扩展 (平衡针) 或者 title= 中英文扩展 (平衡针)) (模糊匹配)
#11	(主题 = 针法 或者 题名 = 针法 或者 v_subject= 中英文扩展 (针法) 或者 title= 中英文扩展 (针法)) (模糊匹配)
#12	#4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11
#13	(摘要 = 随机 或者 abstract_en= 中英文扩展 (随机)) (模糊匹配)
#14	(摘要 =RCT 或者 abstract_en= 中英文扩展 (RCT)) (模糊匹配)
#15	#13 OR #14
#16	#4 AND #12 AND #15

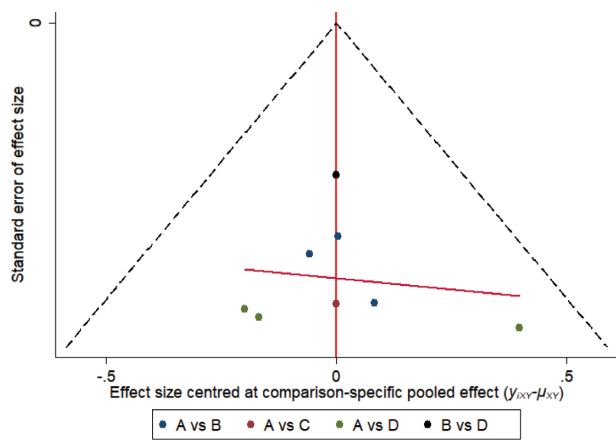
Wanfang Database	
主题:(急性腰扭伤或急性腰痛或闪腰) and 主题:(针刺或针灸或电针或头针或腕踝针或平衡针或针法) and 主题:(随机或RCT)	

VIP Database	
(((((题名或关键词 = 急性腰扭伤 OR 题名或关键词 = 急性腰痛) OR 题名或关键词 = 闪腰) AND ((((((题名或关键词 = 针刺 OR 题名或关键词 = 针灸) OR 题名或关键词 = 电针) OR 题名或关键词 = 头针) OR 题名或关键词 = 腕踝针) OR 题名或关键词 = 平衡针) OR 题名或关键词 = 针法))) AND (文摘 = 随机 OR 文摘 =RCT))	

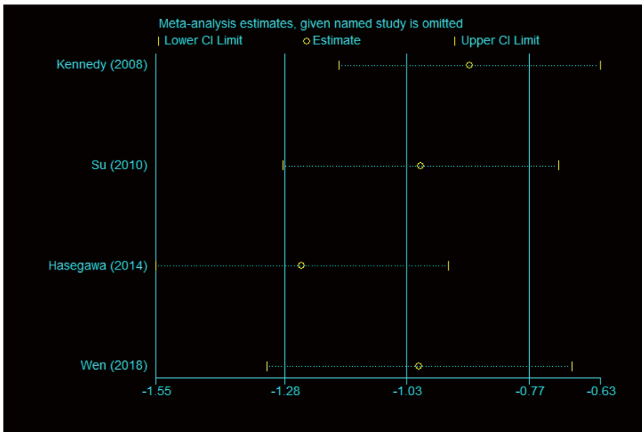
CBM	
#1	"腰扭伤"[不加权:扩展]
#2	"腰痛"[不加权:扩展]
#3	"急性"[常用字段:智能]
#4	((("腰痛"[不加权:扩展]) OR ("腰扭伤"[不加权:扩展])) AND ("急性"[常用字段:智能]))
#5	"急性腰扭伤"[常用字段:智能] OR "急性腰痛"[常用字段:智能] OR "闪腰"[常用字段:智能]
#6	#4 OR #5
#7	"针刺"[不加权:扩展] OR "针刺镇痛"[不加权:扩展] OR "针刺疗法"[不加权:扩展]
#8	"针灸疗法"[不加权:扩展]
#9	"电针"[不加权:扩展]
#10	"头针"[不加权:扩展]
#11	"腕踝针"[不加权:扩展]
#12	("针刺"[常用字段:智能] OR "针灸"[常用字段:智能] OR "电针"[常用字段:智能] OR "头针"[常用字段:智能] OR "腕踝针"[常用字段:智能] OR "平衡针"[常用字段:智能] OR "针法"[常用字段:智能])
#13	#7 OR #8 OR #9 OR #10 OR #11 OR #12
#14	"随机对照试验"[不加权:扩展]
#15	"随机"[常用字段:智能] OR "RCT"[常用字段:智能]
#16	#14 OR #15
#17	#6 AND #13 AND #16



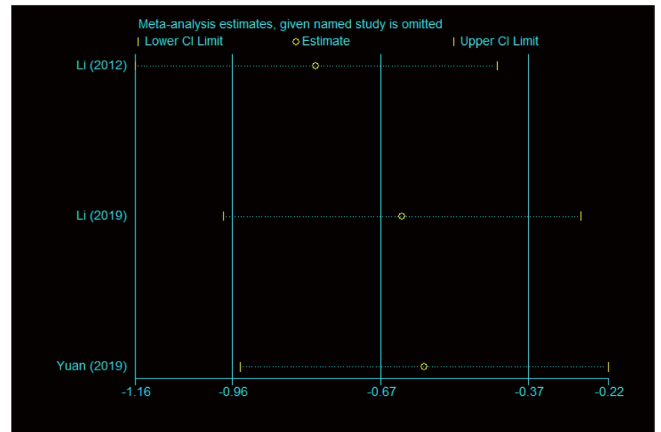
**Appendix 2.1** Funnel plot for the network meta-analysis of visual analog scale. A, motion style acupuncture; B, manual acupuncture; C, electroacupuncture; D, pharmacotherapy; E, Placebo.



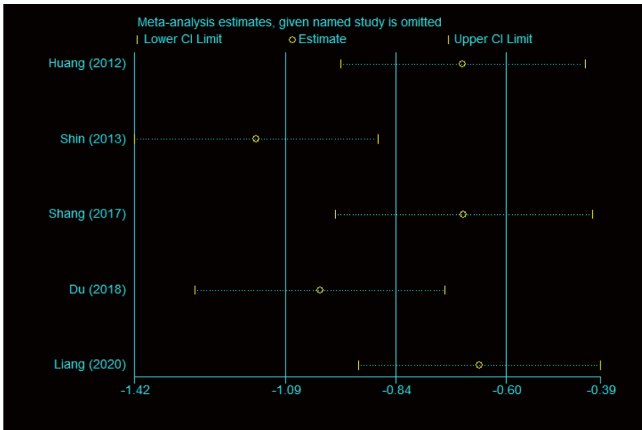
**Appendix 2.2** Funnel plot for the network meta-analysis of range of motion. A, motion style acupuncture; B, manual acupuncture; C, electroacupuncture; D, pharmacotherapy.



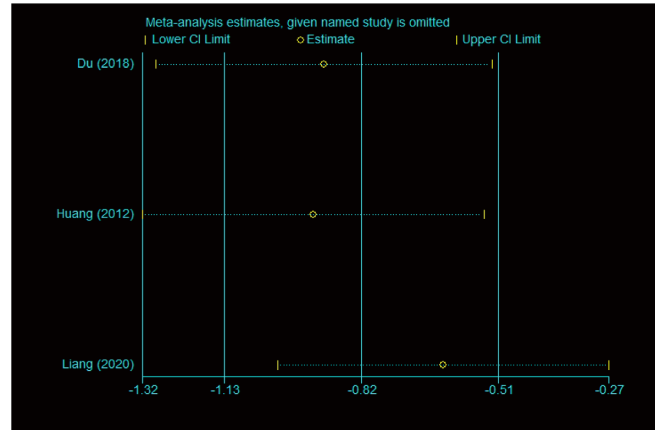
**Appendix 3.1** Sensitivity analysis of visual analog scale score (manual acupuncture VS placebo)



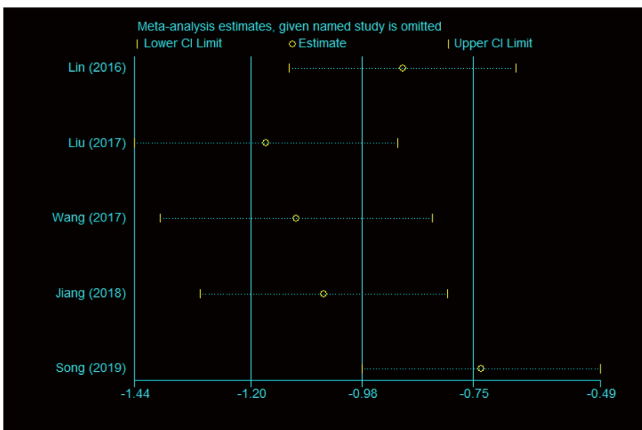
**Appendix 3.4** Sensitivity analysis of visual analog scale score (motion style acupuncture VS electroacupuncture)



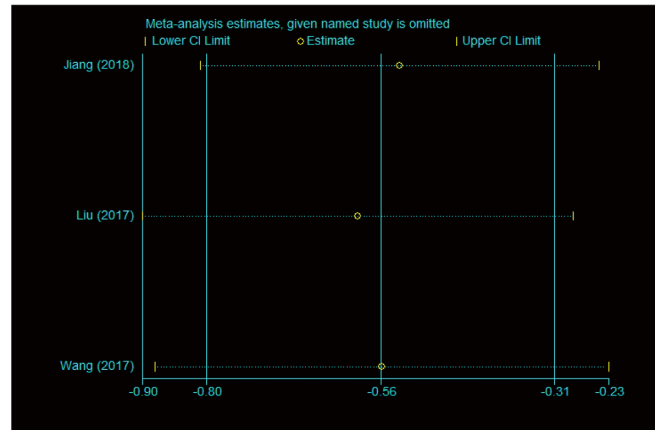
**Appendix 3.2** Sensitivity analysis of visual analog scale score (motion style acupuncture VS pharmacotherapy)



**Appendix 3.5** Sensitivity analysis of range of motion score (motion style acupuncture VS pharmacotherapy)



**Appendix 3.3** Sensitivity analysis of visual analog scale score (motion style acupuncture VS manual acupuncture)



**Appendix 3.6** Sensitivity analysis of range of motion score (motion style acupuncture VS manual acupuncture)