

Supplementary

Appendix 1 Search Strategies

Search strategy

PubMed

- #1 "Stroke"[Mesh]
- #2 "Cerebral Hemorrhage"[Mesh]
- #3 Strokes[Title/Abstract] OR Cerebrovascular Accident[Title/Abstract] OR Cerebrovascular Accidents[Title/Abstract] OR CVA[Title/Abstract] OR CVAs[Title/Abstract] OR Cerebrovascular Apoplexy[Title/Abstract] OR Apoplexy, Cerebrovascular[Title/Abstract] OR Vascular Accident, Brain[Title/Abstract] OR Brain Vascular Accident[Title/Abstract] OR Brain Vascular Accidents[Title/Abstract] OR Vascular Accidents, Brain[Title/Abstract] OR Cerebrovascular Stroke[Title/Abstract] OR Cerebrovascular Strokes[Title/Abstract] OR Stroke, Cerebrovascular[Title/Abstract] OR Strokes, Cerebrovascular[Title/Abstract] OR Apoplexy[Title/Abstract] OR Cerebral Stroke[Title/Abstract] OR Cerebral Strokes[Title/Abstract] OR Stroke, Cerebral[Title/Abstract] OR Strokes, Cerebral[Title/Abstract] OR Stroke, Acute[Title/Abstract] OR Acute Stroke[Title/Abstract] OR Acute Strokes[Title/Abstract] OR Strokes, Acute[Title/Abstract] OR Cerebrovascular Accident, Acute[Title/Abstract] OR Acute Cerebrovascular Accident[Title/Abstract] OR Acute Cerebrovascular Accidents[Title/Abstract] OR Cerebrovascular Accidents, Acute[Title/Abstract]
- #4 Hemorrhage, Cerebrum[Title/Abstract] OR Cerebrum Hemorrhage[Title/Abstract] OR Cerebrum Hemorrhages[Title/Abstract] OR Hemorrhages, Cerebrum[Title/Abstract] OR Cerebral Parenchymal Hemorrhage[Title/Abstract] OR Cerebral Parenchymal Hemorrhages[Title/Abstract] OR Hemorrhage, Cerebral Parenchymal[Title/Abstract] OR Hemorrhages, Cerebral Parenchymal[Title/Abstract] OR Parenchymal Hemorrhage, Cerebral[Title/Abstract] OR Parenchymal Hemorrhages, Cerebral[Title/Abstract] OR Intracerebral Hemorrhage[Title/Abstract] OR Hemorrhage, Intracerebral[Title/Abstract] OR Hemorrhages, Intracerebral[Title/Abstract] OR Intracerebral Hemorrhages[Title/Abstract] OR Hemorrhage, Cerebral[Title/Abstract] OR Cerebral Hemorrhages[Title/Abstract] OR Hemorrhages, Cerebral[Title/Abstract] OR Brain Hemorrhage, Cerebral[Title/Abstract] OR Brain Hemorrhages, Cerebral[Title/Abstract] OR Cerebral Brain Hemorrhage[Title/Abstract] OR Cerebral Brain Hemorrhages[Title/Abstract] OR Hemorrhage, Cerebral Brain[Title/Abstract] OR Hemorrhages, Cerebral Brain[Title/Abstract]
- #5 #1 OR #2 OR #3 OR #4
- #6 "Acupuncture"[Mesh]
- #7 "Acupuncture Points"[Mesh]
- #8 "Acupuncture, Ear"[Mesh]
- #9 "Acupuncture Analgesia"[Mesh]
- #10 "Acupuncture Therapy"[Mesh]
- #11 "Auriculotherapy"[Mesh]
- #12 Acupuncture[Title/Abstract] OR acustimulation[Title/Abstract] OR triggerpoint[Title/Abstract] OR Acupuncture Analgesia[Title/Abstract] OR silver needle[Title/Abstract] OR moxibustion[Title/Abstract] OR de qi[Title/Abstract] OR electro-acupuncture[Title/Abstract] OR meridian[Title/Abstract] OR Auriculotherapy[Title/Abstract] OR Extra points[Title/Abstract] OR needle pricking[Title/Abstract] OR Transcutaneous Electric Nerve Stimulation[Title/Abstract] OR acupressure[Title/Abstract] OR needling[Title/Abstract] OR intradermal needle[Title/Abstract] OR Point application[Title/Abstract] OR fire needle[Title/Abstract] OR three-edged needle[Title/Abstract] OR a-shi point[Title/Abstract] OR five phase points[Title/Abstract] OR needle-embedding[Title/Abstract] OR pricking therapy[Title/Abstract] OR point injection[Title/Abstract] OR incision therapy[Title/Abstract] OR Pharmacopuncture[Title/Abstract] OR Acupuncture Treatment[Title/Abstract] OR Acupuncture Treatments[Title/Abstract] OR Treatment, Acupuncture[Title/Abstract] OR Therapy, Acupuncture[Title/Abstract] OR Pharmacopuncture Treatment[Title/Abstract] OR Treatment, Pharmacopuncture[Title/Abstract] OR Pharmacopuncture Therapy[Title/Abstract] OR Therapy, Pharmacopuncture[Title/Abstract] OR Acupotomy[Title/Abstract] OR Acupotomies[Title/Abstract] OR Acupuncture Point[Title/Abstract] OR Point, Acupuncture[Title/Abstract] OR Points, Acupuncture[Title/Abstract] OR Acupoints[Title/Abstract] OR Acupoint[Title/Abstract]
- #13 #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12
- #14 "Randomized Controlled Trial" [Publication Type]
- #15 "Randomized Controlled Trials as Topic"[Mesh]
- #16 "Pragmatic Clinical Trial" [Publication Type]
- #17 "Pragmatic Clinical Trials as Topic"[Mesh]
- #18 "Intention to Treat Analysis"[Mesh]
- #19 "random allocation"[Mesh Terms]
- #20 random*[Title/Abstract]
- #21 #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20
- #22 #5 AND #13 AND #21

Cochrane library

- #1 MeSH descriptor: [Stroke] explode all trees
- #2 MeSH descriptor: [Cerebral Hemorrhage] explode all trees
- #3 (CVA):ti,ab,kw OR (Cerebrovascular Apoplexy):ti,ab,kw OR (Brain Vascular Accident):ti,ab,kw OR (Cerebrovascular Stroke):ti,ab,kw OR (Apoplexy):ti,ab,kw OR (Cerebral Stroke):ti,ab,kw OR (Acute Stroke):ti,ab,kw OR (Acute Cerebrovascular Accident):ti,ab,kw OR (Cerebrum Hemorrhage):ti,ab,kw OR (Cerebral Parenchymal Hemorrhage):ti,ab,kw OR (Intracerebral Hemorrhage):ti,ab,kw OR (Cerebral Hemorrhages):ti,ab,kw OR (Cerebral Brain Hemorrhage):ti,ab,kw
- #4 #1 OR #2 OR #3
- #5 MeSH descriptor: [Acupuncture] explode all trees
- #6 MeSH descriptor: [Acupuncture Points] explode all trees
- #7 MeSH descriptor: [Acupuncture, Ear] explode all trees
- #8 MeSH descriptor: [Acupuncture Analgesia] explode all trees
- #9 MeSH descriptor: [Acupuncture Therapy] explode all trees
- #10 MeSH descriptor: [Electroacupuncture] explode all trees
- #11 (acustimulation):ti,ab,kw OR (triggerpoint):ti,ab,kw OR (silver needle):ti,ab,kw OR (moxibustion):ti,ab,kw OR (de qi):ti,ab,kw OR (electro-acupuncture):ti,ab,kw OR (meridian):ti,ab,kw OR (Extra points):ti,ab,kw OR (needle pricking):ti,ab,kw OR (Transcutaneous Electric Nerve Stimulation):ti,ab,kw OR (acupressure):ti,ab,kw OR (needling):ti,ab,kw OR (intradermal needle):ti,ab,kw OR (Point application):ti,ab,kw OR (fire needle):ti,ab,kw OR (a-shi point):ti,ab,kw OR (needle-embedding):ti,ab,kw OR (pricking therapy):ti,ab,kw OR (incision therapy):ti,ab,kw OR (Pharmacopuncture):ti,ab,kw OR (Acupuncture Treatment):ti,ab,kw OR (Acupotomy):ti,ab,kw OR (Acupoint):ti,ab,kw
- #12 #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11
- #13 MeSH descriptor: [Randomized Controlled Trial] explode all trees
- #14 MeSH descriptor: [Randomized Controlled Trials as Topic] explode all trees
- #15 #13 OR #14
- #16 #4 AND #12 AND #15

Embase

- #1 'cerebrovascular accident'/exp
- #2 'brain hemorrhage'/exp
- #3 'Strokes':ti,ab OR 'Cerebrovascular Accident':ti,ab OR 'Cerebrovascular Accidents':ti,ab OR 'CVA':ti,ab OR 'CVAs':ti,ab OR 'Cerebrovascular Apoplexy':ti,ab OR 'Apoplexy, Cerebrovascular':ti,ab OR 'Vascular Accident, Brain':ti,ab OR 'Brain Vascular Accident':ti,ab OR 'Brain Vascular Accidents':ti,ab OR 'Vascular Accidents, Brain':ti,ab OR 'Cerebrovascular Stroke':ti,ab OR 'Cerebrovascular Strokes':ti,ab OR 'Stroke, Cerebrovascular':ti,ab OR 'Strokes, Cerebrovascular':ti,ab OR 'Apoplexy':ti,ab OR 'Cerebral Stroke':ti,ab OR 'Cerebral Strokes':ti,ab OR 'Stroke, Cerebral':ti,ab OR 'Strokes, Cerebral':ti,ab OR 'Stroke, Acute':ti,ab OR 'Acute Stroke':ti,ab OR 'Acute Strokes':ti,ab OR 'Strokes, Acute':ti,ab OR 'Cerebrovascular Accident, Acute':ti,ab OR 'Acute Cerebrovascular Accident':ti,ab OR 'Acute Cerebrovascular Accidents':ti,ab OR 'Cerebrovascular Accidents, Acute':ti,ab
- #4 'Hemorrhage, Cerebrum':ti,ab OR 'Cerebrum Hemorrhage':ti,ab OR 'Cerebrum Hemorrhages':ti,ab OR 'Hemorrhages, Cerebrum':ti,ab OR 'Cerebral Parenchymal Hemorrhage':ti,ab OR 'Cerebral Parenchymal Hemorrhages':ti,ab OR 'Hemorrhage, Cerebral Parenchymal':ti,ab OR 'Parenchymal Hemorrhage, Cerebral':ti,ab OR 'Parenchymal Hemorrhages, Cerebral':ti,ab OR 'Intracerebral Hemorrhage':ti,ab OR 'Hemorrhage, Intracerebral':ti,ab OR 'Hemorrhages, Intracerebral':ti,ab OR 'Hemorrhage, Cerebral':ti,ab OR 'Cerebral Hemorrhage, Cerebral':ti,ab OR 'Cerebral Hemorrhages, Cerebral':ti,ab OR 'Brain Hemorrhage, Cerebral':ti,ab OR 'Brain Hemorrhages, Cerebral':ti,ab OR 'Cerebral Brain Hemorrhage':ti,ab OR 'Cerebral Brain Hemorrhages':ti,ab OR 'Hemorrhage, Cerebral Brain':ti,ab OR 'Hemorrhages, Cerebral Brain':ti,ab
- #5 #1 OR #2 OR #3 OR #4
- #6 'acupuncture'/exp
- #7 'acupuncture device'/exp
- #8 'acupuncture needle'/exp
- #9 'acupuncture point'/exp
- #10 'electroacupuncture'/exp
- #11 'Acupuncture':ti,ab OR 'acustimulation':ti,ab OR 'triggerpoint':ti,ab OR 'Acupuncture Analgesia':ti,ab OR 'silver needle':ti,ab OR 'moxibustion':ti,ab OR 'de qi':ti,ab OR 'electro-acupuncture':ti,ab OR 'meridian':ti,ab OR 'Auriculotherapy':ti,ab OR 'Extra points':ti,ab OR 'needle pricking':ti,ab OR 'Transcutaneous Electric Nerve Stimulation':ti,ab OR 'acupressure':ti,ab OR 'needling':ti,ab OR 'intradermal needle':ti,ab OR 'Point application':ti,ab OR 'fire needle':ti,ab OR 'three-edged needle':ti,ab OR 'a-shi point':ti,ab OR 'five phase points':ti,ab OR 'needle-embedding':ti,ab OR 'pricking therapy':ti,ab OR 'point injection':ti,ab OR 'incision therapy':ti,ab OR 'Pharmacopuncture':ti,ab OR 'Acupuncture Treatment':ti,ab OR 'Treatment, Pharmacopuncture':ti,ab OR 'Pharmacopuncture Therapy':ti,ab OR 'Therapy, Pharmacopuncture':ti,ab OR 'Acupotomy':ti,ab OR 'Acupotomies':ti,ab OR 'Acupuncture Point':ti,ab OR 'Point, Acupuncture':ti,ab OR 'Points, Acupuncture':ti,ab OR 'Acupoints':ti,ab OR 'Acupoint':ti,ab
- #12 #6 OR #7 OR #8 OR #9 OR #10 OR #11
- #13 'randomized controlled trial'/exp
- #14 'randomized controlled trial (topic)/exp
- #15 random*:ti,ab
- #16 #13 OR #14 OR #15
- #17 #5 AND #12 AND #16

CNKI

- #1 (主题 = 脑卒中 或者 题名 = 脑卒中 或者 v_subject = 中英文扩展 (脑卒中) 或者 title = 中英文扩展 (脑卒中)) (模糊匹配)
- #2 (主题 = 中风 或者 题名 = 中风 或者 v_subject = 中英文扩展 (中风) 或者 title = 中英文扩展 (中风)) (模糊匹配)
- #3 (主题 = 脑梗塞 或者 题名 = 脑梗塞 或者 v_subject = 中英文扩展 (脑梗塞) 或者 title = 中英文扩展 (脑梗塞)) (模糊匹配)
- #4 (主题 = 脑梗死 或者 题名 = 脑梗死 或者 v_subject = 中英文扩展 (脑梗死) 或者 title = 中英文扩展 (脑梗死)) (模糊匹配)
- #5 (主题 = 脑出血 或者 题名 = 脑出血 或者 v_subject = 中英文扩展 (脑出血) 或者 title = 中英文扩展 (脑出血)) (模糊匹配)
- #6 #1 OR #2 OR #3 OR #4 OR #5
- #7 (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)
- #8 (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)
- #9 (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)
- #10 (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)
- #11 (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)
- #12 (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)
- #13 (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)
- #14 #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13
- #15 (摘要 = 随机 或者 abstract_en = 中英文扩展 (随机)) (模糊匹配)
- #16 (摘要 = RCT 或者 abstract_en = 中英文扩展 (RCT)) (模糊匹配)
- #17 #15 OR #16
- #18 #6 AND #14 AND #17

Wanfang Database

主题:(脑卒中 OR 中风 OR 脑梗塞 OR 脑梗死 OR 脑出血) and 主题:(针刺 OR 针灸 OR 电针 OR 头针 OR 腕踝针 OR 平衡针 OR 针法) and 主题:(随机 OR RCT)

VIP Database

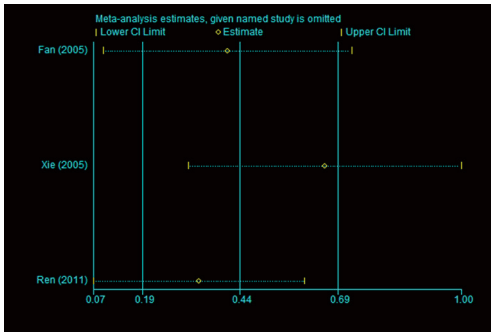
(((((题名或关键词 = 脑卒中 OR 题名或关键词 = 中风) OR 题名或关键词 = 脑梗塞) OR 题名或关键词 = 脑梗死) OR 题名或关键词 = 脑出血) AND ((((((题名或关键词 = 针刺 OR 题名或关键词 = 针灸) OR 题名或关键词 = 电针) OR 题名或关键词 = 头针) OR 题名或关键词 = 腕踝针) OR 题名或关键词 = 平衡针) OR 题名或关键词 = 针法)) AND (题名 = 随机 OR 题名 = RCT))

CBM

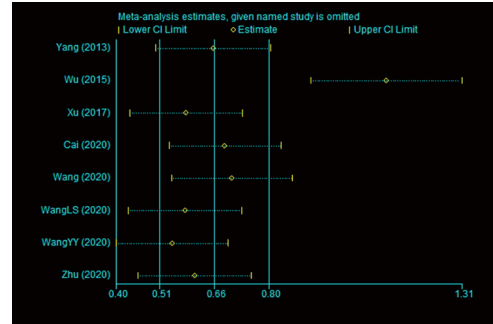
- #1 "卒中"[不加权:扩展]
- #2 "中风"[不加权:扩展]
- #3 "脑梗死"[不加权:扩展]
- #4 "大脑梗死"[不加权:扩展]
- #5 "脑出血"[不加权:扩展]
- #6 #1 OR #2 OR #3 OR #4 OR #5
- #7 "针刺"[不加权:扩展] OR "针刺镇痛"[不加权:扩展] OR "针刺疗法"[不加权:扩展]
- #8 "针灸疗法"[不加权:扩展]
- #9 "电针"[不加权:扩展]
- #10 "头针"[不加权:扩展]
- #11 "腕踝针"[不加权:扩展]
- #12 ("针刺"[常用字段:智能] OR "针灸"[常用字段:智能] OR "电针"[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 Sensitivity analysis

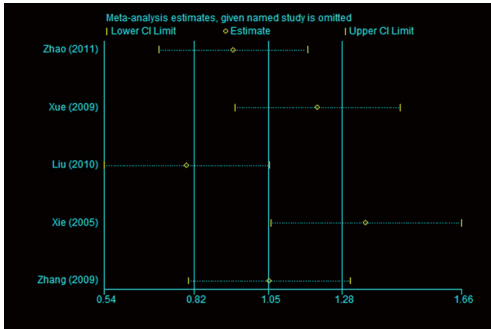
FMA Acu I vs. Acu II



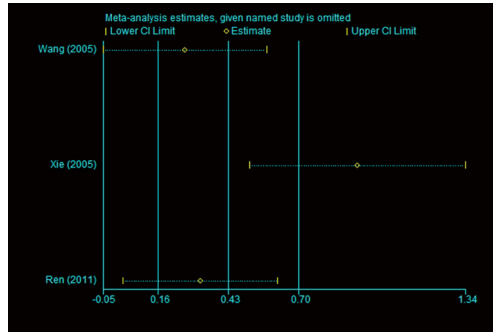
FMA Acu IV vs. Non-Acu IV



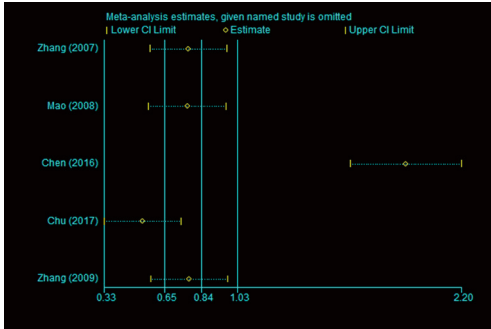
FMA Acu II vs. Acu III



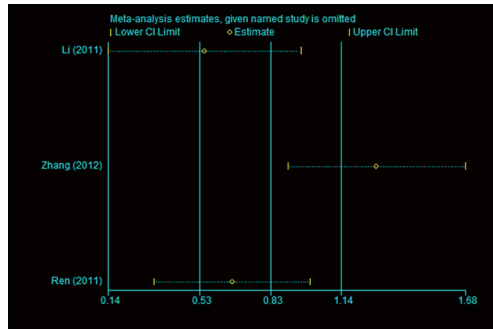
BI Acu I vs. Acu II



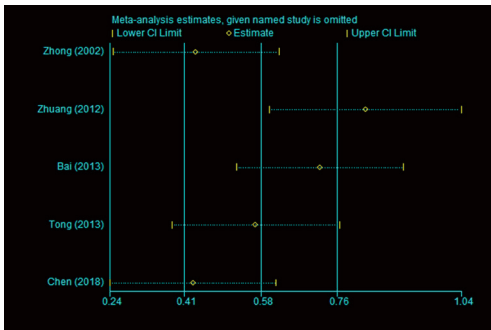
FMA Acu II vs. Non-Acu II



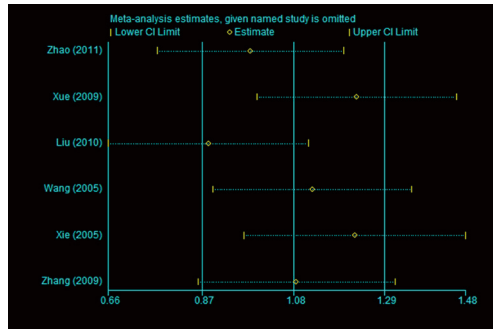
BI Acu I vs. Non-Acu I



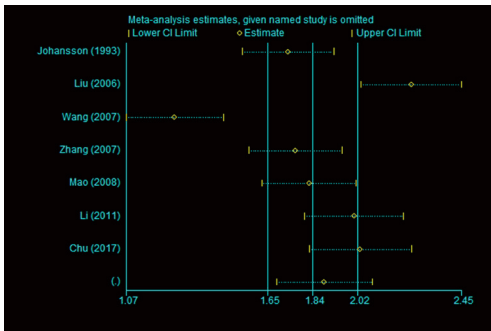
FMA Acu III vs. Non III



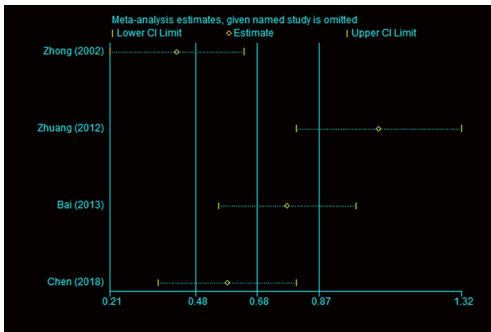
BI Acu II vs. Acu III



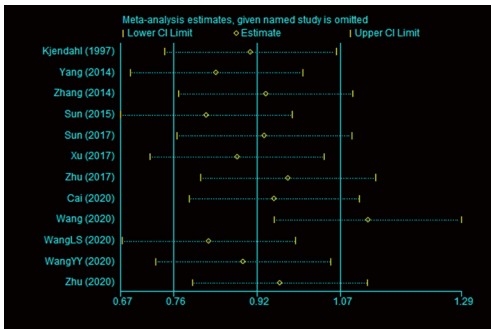
BI Acu II vs. Non-Acu II



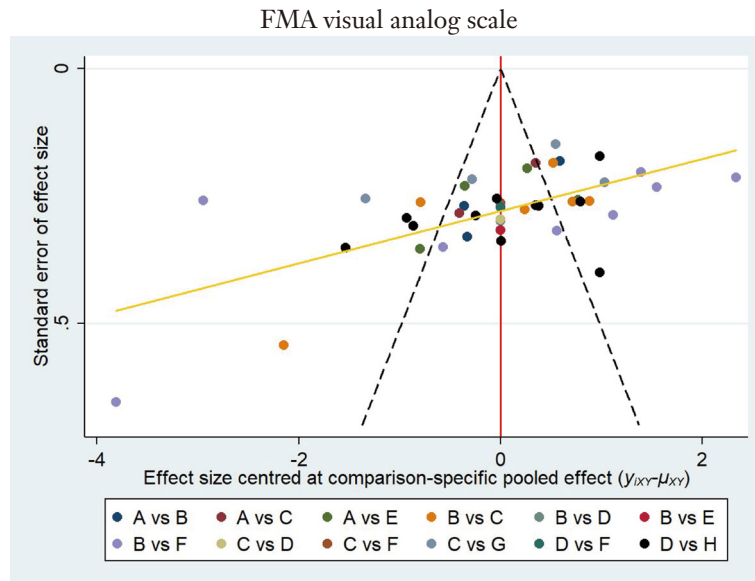
BI Acu III vs. Non-Acu III



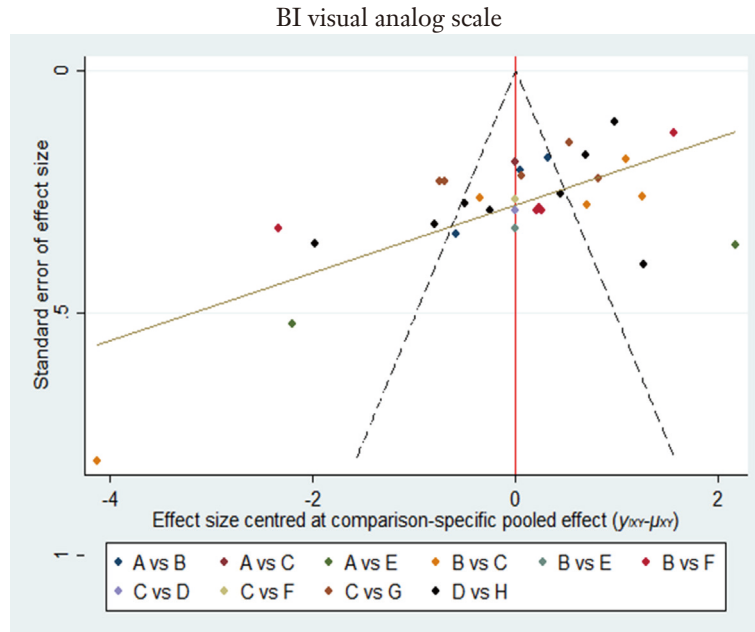
BI Acu IV vs. Non-Acu IV



Appendix 3 Publication bias



A: Acu I (acupuncture within 48h post-stroke); B: Acu II(acupuncture within 2-15d post-stroke) ; C: Acu III (acupuncture within 16-30d post-stroke); D: Acu IV(acupuncture within 1 month to half a year post-stroke) ; E: Non-Acu I (non-acupuncture within 48h post-stroke); F: Non-Acu II (non-acupuncture within 2-15d post-stroke); G: Non-Acu III (non-acupuncture within 16-30d post-stroke); H: Non-Acu IV (non-acupuncture within 1 month to half a year post-stroke).



A: Acu I (acupuncture within 48h post-stroke); B: Acu II(acupuncture within 2-15d post-stroke) ; C: Acu III (acupuncture within 16-30d post-stroke); D: Acu IV(acupuncture within 1 month to half a year post-stroke) ; E: Non-Acu I (non-acupuncture within 48h post-stroke); F: Non-Acu II (non-acupuncture within 2-15d post-stroke); G: Non-Acu III (non-acupuncture within 16-30d post-stroke); H: Non-Acu IV (non-acupuncture within 1 month to half a year post-stroke).