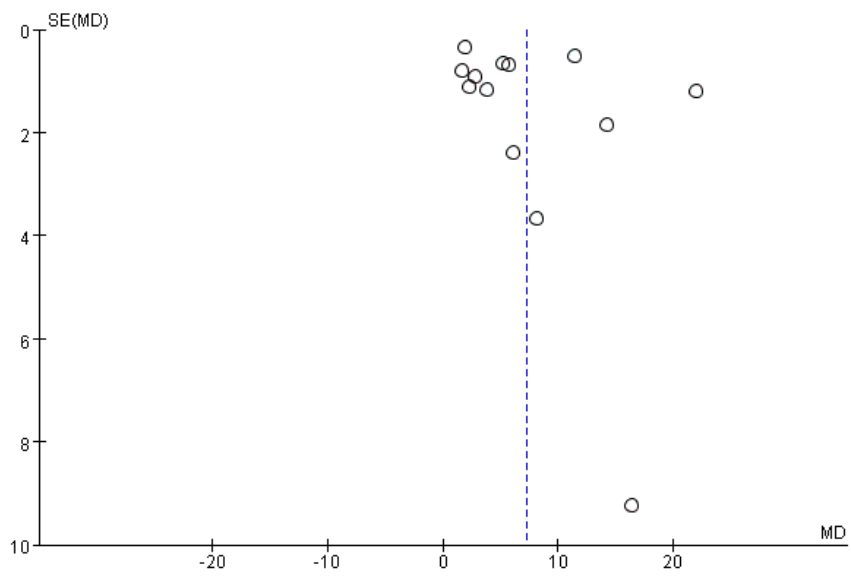
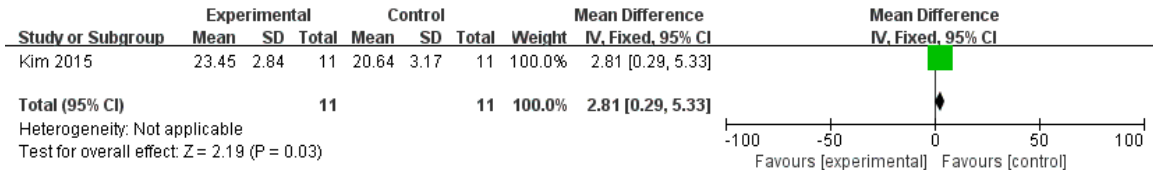


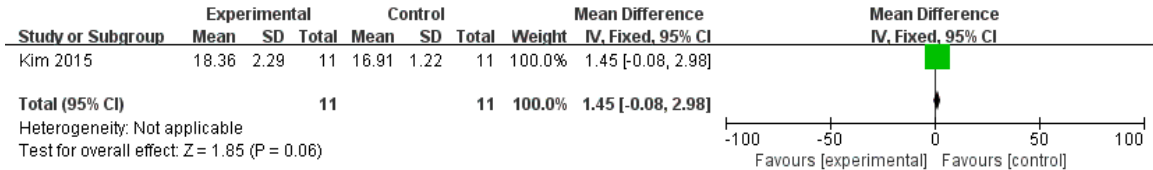
Supplementary Figure S1. Funnel plot of publication bias of BBS



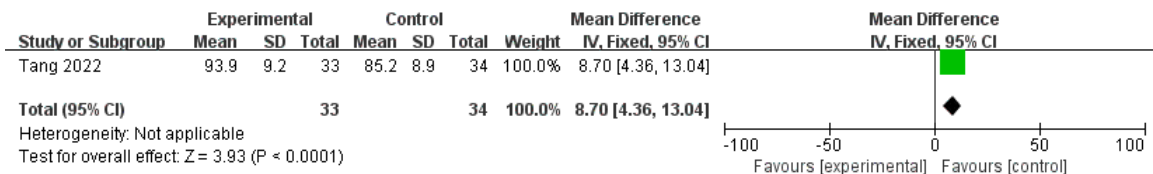
Supplementary Figure S2. Funnel plot of publication bias of FMA



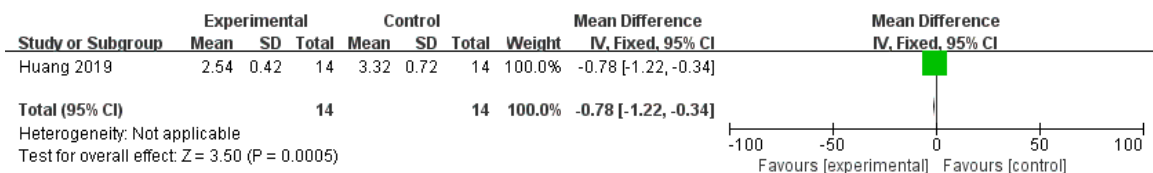
Supplementary Figure S3. Comparison of the FRT between the TC group and the control group



Supplementary Figure S4. Comparison of the DGI between the TC group and the control group



Supplementary Figure S5. Comparison of the MFES between the TC group and the control group



Supplementary Figure S6. Comparison of the FRI between the TC group and the control group

Supplementary File 1: Comprehensive search strategy for various databases

Supplementary File 1.1: Search Strategy for PubMed:

- #1 Cerebral Hemorrhage[Mesh] OR Brain Infarction[Mesh] OR Stroke[Mesh] OR Cerebrovascular Disorders[Mesh]
- #2 Cerebro-vascular Disorder*[Title/Abstract] OR Intracranial Vascular Disease*[Title/Abstract] OR Intracranial Vascular Disorder*[Title/Abstract] OR Cerebro-vascular Disease*[Title/Abstract] OR Brain Vascular Disorder*[Title/Abstract] OR Cerebro-vascular Occlusion*[Title/Abstract] OR Cerebro-vascular Insufficiency[Title/Abstract] OR Cerebro-vascular Insufficiencies OR

Stroke*[Title/Abstract] OR Cerebro-vascular Accident*[Title/Abstract] OR CVA*[Title/Abstract] OR Cerebro-vascular Apoplexy[Title/Abstract] OR Brain Vascular Accident*[Title/Abstract] OR Cerebro-vascular Stroke*[Title/Abstract] OR Apoplexy[Title/Abstract] OR Cerebral Stroke*[Title/Abstract] OR Acute Stroke*[Title/Abstract] OR Acute Cerebro-vascular Accident*[Title/Abstract] OR Brain Infarction*[Title/Abstract] OR Brain Infarct*[Title/Abstract] OR Anterior Circulation Brain Infarction*[Title/Abstract] OR Brain Venous Infarction*[Title/Abstract] OR Anterior Cerebral Circulation Infarction*[Title/Abstract] OR Posterior Circulation Brain Infarction*[Title/Abstract] OR Cerebrum Haemorrhag*[Title/Abstract] OR Cerebral Parenchymal Haemorrhag*[Title/Abstract] OR Intracerebral Haemorrhag*[Title/Abstract] OR Cerebral Haemorrhag*[Title/Abstract] OR Cerebral Brain Haemorrhag*[Title/Abstract]

#3 #1 OR #2

#4 Balance[Title/Abstract] OR static balance[Title/Abstract] OR dynamic balance[Title/Abstract] OR postural control[Title/Abstract] OR stability limit[Title/Abstract] OR equilibrium[Title/Abstract] OR postural stability [Title/Abstract]

#5 Tai ji[Mesh]

#6 Tai ji[Title/Abstract] OR Tai-ji[Title/Abstract] OR Tai Chi[Title/Abstract] OR Tai Ji Quan[Title/Abstract] OR Taiji[Title/Abstract] OR Taijiquan[Title/Abstract] OR Tai Chi Chuan[Title/Abstract]

#7 #5 OR #6

#8 Randomized Controlled Trials as Topic[Mesh]

#9 Randomized Controlled Trials[Title/Abstract]OR random*[Title/Abstract] OR controlled clinical trial[Title/Abstract] OR rct[Title/Abstract]

#10 #8 OR #9

#11 #3 AND #4 AND #7 AND #10

Supplementary File 1.2: Search Strategy for The Cochrane Library

#1 Mesh descriptor: [Cerebrovascular Disorders] explode all trees;

#2 Mesh descriptor: [Stroke] explode all trees;

#3 Mesh descriptor: [Brain Infarction] explode all trees;

#4 Mesh descriptor: [Cerebral Hemorrhage] explode all trees;

#5 "Cerebro-vascular Disorder*":ti,ab,kw or "Intracranial Vascular Disease*":ti,ab,kw or "Intracranial Vascular Disorder*":ti,ab,kw or "Cerebro-vascular Disease*":ti,ab,kw or "Brain Vascular Disorder*":ti,ab,kw or "Cerebro-vascular Occlusion*":ti,ab,kw or "Cerebro-vascular Insufficiency":ti,ab,kw or " Cerebro-vascular Insufficiencies":ti,ab,kw or "Stroke*":ti,ab,kw or "Cerebro-vascular Accident*":ti,ab,kw or "CVA*":ti,ab,kw or "Cerebro-vascular Apoplexy":ti,ab,kw or "Brain Vascular Accident*":ti,ab,kw or "Cerebro-vascular Stroke*":ti,ab,kw or "Apoplexy":ti,ab,kw or "Cerebral Stroke*":ti,ab,kw or "Acute Stroke*":ti,ab,kw or "Acute Cerebro-vascular Accident*":ti,ab,kw or "Brain Infarction*":ti,ab,kw or "Brain Infarct*":ti,ab,kw or "Anterior Circulation Brain

Infarction*":ti,ab,kw or "Brain Venous Infarction*":ti,ab,kw or "Anterior Cerebral Circulation Infarction*":ti,ab,kw or "Posterior Circulation Brain Infarction*":ti,ab,kw or "Cerebrum Haemorrhag*":ti,ab,kw or "Cerebral Parenchymal Haemorrhag*":ti,ab,kw or "Intracerebral Haemorrhag*":ti,ab,kw or "Cerebral Haemorrhag*":ti,ab,kw or "Cerebral Brain Haemorrhag*":ti,ab,kw (Word variations have been searched)

#6 #1 or #2 or #3 or #4 or #5

#7 "Balance":ti,ab,kw or "static balance":ti,ab,kw or "dynamic balance":ti,ab,kw or "postural control":ti,ab,kw or "stability limit":ti,ab,kw or "equilibrium":ti,ab,kw or "postural stability":ti,ab,kw (Word variations have been searched)

#8 Mesh descriptor: [Tai ji] explode all trees;

#9 "Tai ji":ti,ab,kw or "Tai-ji":ti,ab,kw or "Tai Chi":ti,ab,kw or "Tai Ji Quan":ti,ab,kw or "Taiji":ti,ab,kw or "Taijiquan":ti,ab,kw or "Tai Chi Chuan":ti,ab,kw (Word variations have been searched);

#10 #8 OR #9

#11 Mesh descriptor: [Randomized Controlled Trials as Topic] explode all trees;

#12 "Randomized Controlled Trials":ti,ab,kw or "random*":ti,ab,kw or "controlled clinical trial":ti,ab,kw or "rct":ti,ab,kw (Word variations have been searched);

#13 #11 or #12

#14 #6 and #7 and #10 and #13

Supplementary File 1.3: Search Strategy for Embase

1 'Cerebrovascular Disease'/exp OR 'Stroke Patient '/exp OR 'Brain Infarction '/exp OR 'brain hemorrhage'/exp

#2 'Cerebro-vascular Disorder*':ab,ti OR 'Intracranial Vascular Disease*':ab,ti OR 'Intracranial Vascular Disorder*':ab,ti OR 'Cerebro-vascular Disease*':ab,ti OR 'Brain Vascular Disorder*':ab,ti OR 'Cerebro-vascular Occlusion*':ab,ti OR 'Cerebro-vascular Insufficiency':ab,ti OR 'Cerebro-vascular Insufficiencies':ab,ti OR 'Stroke*':ab,ti OR 'Cerebro-vascular Accident*':ab,ti OR 'CVA*':ab,ti OR 'Cerebro-vascular Apoplexy':ab,ti OR 'Brain Vascular Accident*':ab,ti OR 'Cerebro-vascular Stroke*':ab,ti OR 'Apoplexy':ab,ti OR 'Cerebral Stroke*':ab,ti OR 'Acute Stroke*':ab,ti OR 'Acute Cerebro-vascular Accident*':ab,ti OR 'Brain Infarction*':ab,ti OR 'Brain Infarct*':ab,ti OR 'Anterior Circulation Brain Infarction*':ab,ti OR 'Brain Venous Infarction*':ab,ti OR 'Anterior Cerebral Circulation Infarction*':ab,ti OR 'Posterior Circulation Brain Infarction*':ab,ti OR 'Cerebrum Haemorrhag*':ab,ti OR 'Cerebral Parenchymal Haemorrhag*':ab,ti OR 'Intracerebral Haemorrhag*':ab,ti OR 'Cerebral Haemorrhag*':ab,ti OR 'Cerebral Brain Haemorrhag*':ab,ti

#3 #1 OR #2

#4 'Balance':ab,ti OR 'static Balance':ab,ti OR 'dynamic balance':ab,ti OR 'postural control':ab,ti OR 'stability limit':ab,ti OR 'equilibrium':ab,ti OR 'postural stability':ab,ti

#5 'Tai Chi'/exp

#6 'Tai Chi':ab,ti OR 'Tai ji':ab,ti OR 'Tai-ji':ab,ti OR 'Tai Ji Quan':ab,ti OR 'Taiji':ab,ti OR

'Taijiquan':ab,ti OR 'Tai Chi Chuan':ab,ti

#7 #5 OR #6

#8 'randomized controlled trial'/exp

#9 'randomized controlled trial':ab,ti OR 'random*':ab,ti OR 'controlled clinical trial':ab,ti OR 'rct':ab,ti

#10 #8 or #9

#11 #3AND #4 AND #7 AND #10

Supplementary File 1.4: Search Strategy for Web of Science

TS=('Cerebro-vascular Disorder*' OR 'Intracranial Vascular Disease*' OR 'Intracranial Vascular Disorder*' OR 'Cerebro-vascular Disease*' OR 'Brain Vascular Disorder*' OR 'Cerebro-vascular Occlusion*' OR 'Cerebro-vascular Insufficiency' OR 'Cerebro-vascular Insufficiencies' OR 'Stroke*' OR 'Cerebro-vascular Accident*' OR 'CVA*' OR 'Cerebro-vascular Apoplexy' OR 'Brain Vascular Accident*' OR 'Cerebro-vascular Stroke*' OR 'Apoplexy' OR 'Cerebral Stroke*' OR 'Acute Stroke*' OR 'Acute Cerebro-vascular Accident*' OR 'Brain Infarction*' OR 'Brain Infarct*' OR 'Anterior Circulation Brain Infarction*' OR 'Brain Venous Infarction*' OR 'Anterior Cerebral Circulation Infarction*' OR 'Posterior Circulation Brain Infarction*' OR 'Cerebrum Haemorrhag*' OR 'Cerebral Parenchymal Haemorrhag*' OR 'Intracerebral Haemorrhag*' OR 'Cerebral Haemorrhag*' OR 'Cerebral Brain Haemorrhag*') AND TS=('Balance' OR 'static Balance' OR 'postural stability') AND TS=('Tai Ji' OR 'Tai-ji' OR 'Tai Chi' OR 'Tai Ji Quan' OR 'Taiji' OR 'Taijiquan' OR 'Tai Chi Chuan') AND TS=('randomised controlled trial'OR 'random*' OR 'controlled clinical trial' OR 'rct')

Supplementar File 1.5: Search Strategy for CNKI

SU=('中风' +'卒中'+ '脑出血'+ '脑梗塞'+ '脑梗死'+ '脑栓塞'+ '脑血栓'+ '脑血管病'+ '脑血管障碍') AND SU=('平衡'+ '姿势控制'+ '本体感觉') AND SU=('太极'+ '太极拳') AND SU=('随机'+ '随机对照')

Supplementar File 1.6: Search Strategy for Wanfang

(中风 or 卒中 or 脑出血 or 脑梗塞 or 脑梗死 or 脑栓塞 or 脑血栓 or 脑血管病 or 脑血管障碍) and (平衡 or 姿势控制 or 本体感觉)and (太极 or 太极拳) and (随机 or 随机对照)

Supplementar File 1.7: Search Strategy for Vip

(U=中风 OR U=卒中 OR U=脑出血 OR U=脑梗死 OR U=脑梗塞 OR U=脑栓塞 OR U=脑血栓 OR U=脑血管病 OR U=脑血管障碍) AND (U=平衡 OR U=姿势控制 OR U=本体感觉) AND (U=太极 OR U=太极拳) AND (U=随机 OR U=随机对照)

Supplementar File 1.8: Search Strategy for CBM

1 "中风"[不加权:扩展]

2 "卒中"[不加权:扩展]

3 "脑血管障碍"[不加权:扩展]

4 "脑梗死"[不加权:扩展]

5 "脑出血"[不加权:扩展]

6 "中风"[常用字段:智能] OR "卒中"[常用字段] OR "脑梗死"[常用字段:智能] OR "脑梗塞"[常

用字段:智能] OR "脑栓塞"[常用字段:智能] OR "脑血栓"[常用字段:智能] OR "脑出血"[常用
字段:智能] OR "脑血管障碍"[常用字段:智能] OR "脑血管病"[常用字段:智能]

7 (#1) OR (#2) OR (#3) OR (#4) OR (#5) OR (#6)

8 "平衡"[常用字段:智能] OR "姿势控制"[常用字段:智能] OR "本体感觉"[常用字段:智能]

9 "太极"[常用字段:智能] OR "太极拳"[常用字段]

10 "随机对照试验"[不加权:扩展]

11 "随机"[常用字段:智能] OR "随机对照试验"[常用字段:智能]

12 (#10) OR (#11)

13 (#7) AND (#8) AND (#9) AND (#12)