

SUPPLEMENTARY TABLE S1. THE QUALITY CRITERIA AND SCORES FOR EACH INCLUDED ARTICLE

Criterion	Weight	Andreotti	Bassett	Braun	Buchanan	Cao	Cheng	Dennis	Deuker	Duda	Fan	Guo	Jin	Liang	Liao	Niu	Owen	Park	Parker	Schwarz	Telesford	Vaessen	Wang	Weber	
Clear a priori hypothesis and design	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N
Representative and appropriate sample	2	✓	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Appropriate scan sequences	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Scanner strength > 1.5T	2	✓	✓	✓	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N	✓	✓	✓	✓	✓	✓
All subjects received the same intervention using the same facilities	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conditions imposed on test subjects were unlikely to introduce bias	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Appropriate retest interval	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N	✓	✓	✓	✓	✓
Appropriate data processing steps	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Appropriate graph construction method	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Appropriate statistics	2	✓	✓	✓	✓	✓	✓	✓	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Total	20	20	18	20	18	20	18	20	18	20	20	20	18	20	20	20	18	20	16	18	16	16	20	20	17

✓, the criterion was met; N, the criterion was not met or enough information was not recorded to make a fair judgment.