

SIGN - Methodological checklist 3: Cohort studies

Studie	Section 1: Internal validity														Section 2: Overall assessment of the study		
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11	1.12	1.13	1.14	2.1	2.2	2.3
Anderson 2020	Yes	N/A	Yes	PY	Alle = 30%	N/A	PY	No	No	Yes	Yes	Yes	PY	No	A	PY	PY
Asken 2020	Yes	PY	No	PY	N/A	N/A	Yes	Yes	Yes	Yes	Yes	No	PY	Yes	A	PY	PY
Babl. 2021	Yes	PY	N/A	Yes	N/A	No	Yes	N/A	No	Yes	Yes	No	Yes	Yes	A	Yes	Yes
Babcock 2013	Yes	N/A	Yes	Yes	16%	Yes	Yes	Yes	PY	PY	Yes	Yes	Yes	Yes	A	PY	PY
Baracks 2018	Yes	PY	No	N/A	N/A	N/A	Yes	No	No	Yes	Yes	No	PY	No	L	PY	No
Barlow 2010	Yes	Yes	Yes	Yes	mTBI = 13%; 10% i ECI	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	H	PY	PY
Bazarian 1999	Yes	N/A	Yes	Yes	mTBI = 14%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	H	PY	PY
Bazarian 2010	Yes	N/A	Yes	Yes	Alle = 25%	Yes	PY	Yes	Yes	PY	Yes	No	Yes	Yes	A	PY	PY
Belanger 2015	Yes	Yes	Yes	Yes	mTBI = 13%, Kontrol = 13%	Yes	Yes	No	No	PY	Yes	Yes	Yes	No	A	PY	PY
Berger 2009	Yes	PY	No	No	N/A	N/A	Yes	No	No	PY	No	No	PY	No	A	PY	PY
Bernard 2016	Yes	PY	Yes	Yes	Alle = 0%	N/A	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Bittencourt 2021	Yes	N/A	N/A	Yes	N/A	N/A	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Brett 2020	Yes	Yes	Yes	Yes	0%	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	Yes	PY
Brodsky 2018	Yes	N/A	Yes	PY	N/A	N/A	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
Brooks 2013	Yes	N/A	Yes	Yes	3%	No	Yes	No	Yes	Yes	Yes	No	PY	No	A	Yes	PY
Broshek 2005	Yes	N/A	Yes	Yes	N/A	N/A	Yes	No	No	Yes	Yes	PY	PY	Yes	A	PY	PY
Brown 2014	Yes	Yes	Yes	Yes	NS	No	Yes	No	No	NS	PY	Yes	PY	Yes	A	PY	PY
Carson 2014	Yes	N/A	Yes	N/A	N/A	N/A	Yes	Yes	Yes	PY	No	Yes	PY		A	PY	PY
Chin 2016	Yes	Yes	Yes	Yes	NS	No	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
Chorney 2017	Yes	N/A	N/A	No	N/A	N/A	PY	No	No	PY	Yes	No	PY	Yes	A	PY	PY
Chrisman 2019	Yes	Yes	Yes	Yes	NS; deltagelsrate for alle = 35% af 2466 potentielle deltagere	no	Yes	no	No	Yes	Yes	Yes	Yes	Yes	A	Yes	PY

Chrisman 2013	Yes	Yes	Yes	Yes	0%	N/A	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	A	Yes	PY
Chu 2017	Yes	PY	Yes	Yes	mTBI = 24%; kontrol = 0%	Yes	Yes	No	No	Yes	Yes	Yes	PY	No	A	PY	PY
Clarke 2012	Yes	PY	No	No	NS	No	Yes	No	No	Yes	Yes	Yes	Yes	No	A	PY	PY
Coffeng 2020	Yes	No*	Yes	Yes	mTBI med akut nakkesmerte = 50%; mTBI uden = 40%	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Corwin 2015	Yes	N/A	N/A	PY	N/A	N/A	Yes	No	No	PY	Yes	No	Yes	No	A	PY	PY
Covassin 2006	Yes	PY	No	N/A	N/A	N/A	Yes	No	No	Yes	Yes	No	No	No	A	PY	PY
Covassin 2009	Yes	N/A	Yes	N/A	N/A	N/A	N/A	N/A	N/A	Yes	No	No	Yes	No	A	PY	PY
Covassin 2012	Yes	PY	Yes	Yes	NS	NS	Yes	No	No	Yes	Yes	Yes	PY	No	A	PY	PY
Covassin 2021	Yes	N/A	N/A	Yes	N/A	No	Yes	N/A	N/A	Yes	Yes	Yes	Yes	No	A	Yes	PY
Cripps 2018	Yes	Yes	No	PY	N/A	N/A	Yes	No	No	Yes	Yes	No	PY	No	L	PY	PY
de Leon 2009	Yes	PY	Yes	PY	Hovedtraume med PTA &/ LOC = 61,7%; Hovedtraume uden PTA/LOC = 70,6%; andre anden type skade injuy = 77,6%	Yes	Yes	No	No	Yes	Yes	PY	Yes	No	A	PY	PY
Dematteo 2015	Yes	N/A	No	Yes	N/A	N/A	PY	Yes	Yes	PY	No	Yes	PY	No	A	PY	PY
Dettwiler 2014	Yes	Yes	Yes	PY	NS	N/A	Yes	No	No	Yes	Yes	Yes	PY	No	A	PY	No
Di Pietro 2021	Yes	Yes	Yes	Yes	NS	No	Yes	Yes	N/A	Yes	No	Yes	PY	Yes	A	PY	PY
Dikmen 2010	Yes	Yes	Yes	Yes	TBI = 40%, kontrol = 9 %	PY	Yes	No	No	No	No	Yes	PY	No	L	PY	PY
Doroszkiewicz 2021	Yes	N/A	Yes	Yes	N/A	Yes	Yes	N/A	N/A	Yes	Yes	No	Yes	No	A	PY	PY
Durish 2019	Yes	PY	Yes	Yes	0%	N/A	Yes	No	No	Yes	Yes	No	Yes	Yes	A	PY	PY

Durish 2018	Yes	Yes	Yes	Yes	61% (fulgte ikke op/afslog deltagelse / ikke medtaget på grund af gruppebegrænsninger.	No	Yes	No	No	Yes	Yes	No	Yes	No	A	PY	PY
Eisenberg 2014	Yes	N/A	Yes	PY	≥1 follow up = 16%; 26% ved sidste opfølgning	Yes	Yes	N/A	N/A	Yes	Yes	Yes	PY	Yes	A	PY	PY
Elbin 2018	Yes	N/A	Yes	Yes	6%	No	Yes	No	No	PY	Yes	Yes	Yes	No	A	PY	PY
Evans 2020	Yes	Yes	Yes	Yes	mtbi = 34%	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	A	Yes	Yes
Ewing-Cobbs 2018	Yes	Yes	Yes	Yes	Samlet dropout rate. Ikke angivet andelen for hver gruppe	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Ferris 2022	Yes	PY	Yes	Yes	Samlet gruppe = 9% (91 % havde mindst 1 opfølgning efter hovedtraumet)	N/A	Yes	No	No	Yes	Yes	No	PY	Yes	A	PY	PY
Fordal 2022	Yes	Yes	Yes	Yes	N/A	No	Yes	No	No	Yes	Yes	Yes	Yes	No	A	PY	PY
Fried 2022	Yes	Yes	Yes	No	mTBI = 5%	No	Yes	No	No	PY	Yes	No	PY	Yes	A	PY	PY
Gaiottino 2013	Yes	No	Yes	Yes	N/A	No	Yes	Yes	Yes	PY	Yes	No	Yes	Yes	A	PY	No
Galloway 2017	Yes	N/A	N/A	No	Kontrol = 3%	N/A	PY	No	No	PY	Yes	Yes	PY	Yes	A	PY	PY
Ganesalingam	Yes	Yes	Yes	Yes	N/A	No	Yes	No	No	Yes	Yes	Yes	Yes	No	A	Yes	Yes
Gill 2018	Yes	PY	No	PY	3% for den samlede gruppe (angives ikke for hver gruppe)	N/A	Yes	Yes	Yes	Yes	Yes	No	No	Yes	A	PY	PY
Giza 2021	Yes	PY	Yes	Yes	NS	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	H	PY	PY

Grool 2016	Yes	Yes	Yes	Yes	Alle = 16%; (+5 % blev ekskluderet på grund af manglende data)	Yes	Yes	NS	Yes	Yes	Yes	Yes	Yes	Yes	H	PY	Yes
Grubenhoff 2011	Yes	Yes	Yes	PY	N/A	N/A	Yes	No	No	Yes	Yes	No	Yes	Yes	A	PY	PY
Guskiewicz 2001	Yes	Yes	No	Yes	NS	NS	Yes	No	No	Yes	Yes	Yes	PY	No	A	PY	PY
Guzel 2010	Yes	PY	No	N/A	N/A	N/A	Yes	No	No	Yes	No	N/A	PY	No	A	PY	PY
Hartvigsen 2014	Yes	N/A	Yes	No	mTBI = 16%	No	Yes	No	No	PY	Yes	Yes	Yes	No	A	PY	PY
Hicks 2020	Yes	PY	N/A	Yes	N/A	N/A	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Hiploylee 2017	Yes	Yes	Yes	Yes	recovered = 4%; ikke recovered = 10%	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	A	PY	PY
Howe 2022	Yes	No	Yes	PY	Samlet gruppe = 52%	No	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
Howell 2013	Yes	Yes	No	Yes	0%	N/A	Yes	No	No	PY	Yes	Yes	PY	No	A	PY	PY
Hunt 2016	Yes	N/A	Yes	Yes	4%	No	Yes	No	Yes	Yes	Yes	No	PY	No	A	Yes	PY
Iverson 2010	Yes	No	Yes	PY	N/A	N/A	Yes	No	No	Yes	Yes	No	PY	No	A	PY	PY
Johnson 2023	Yes	Yes	No	N/A	N/A	N/A	Yes	Yes	No	No	Yes	No	PY	Yes	A	PY	No
June 2020	Yes	Yes	No	PY	<u>MRI data</u> : mTBI = 26%, kontrol = 38%; DTI: mTBI = 30%, kontrol = 20%; <u>PET data</u> = mTBI 20%, kontrol = 3% - Fravalgt på grund af demensdiagnose : mTBI = 14% Kontrol = 7%	No	PY	No	No	PY	Yes	Yes	PY	No	A	PY	No
Jungilligens 2021	Yes	Yes	No	N/A	N/A	N/A	Yes	No	No	Yes	Yes	No	PY	No	A	PY	No

Kashluba 2004	Yes	PY	No	PY	mTBI = 8%; kontrol = ikke angivet	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	A	PY	Yes
Kirkwood 2020	Yes	PY	Yes	PY	4%	N/A	Yes	No	No	Yes	Yes	Yes	No	No	A	PY	PY
Korinthenberg 2004	Yes	N/A	Yes	Yes	2%	No	No	No	No	No	No	Yes	No	No	L	No	No
Kovacs 2008	Yes	N/A	N/A	N/A	N/A	N/A	Yes	No	No	Yes	Yes	N/A	PY	No	A	PY	PY
Lamontagne 2022	Yes	N/A	Yes	No	89,70%	No	Yes	No	No	Yes	Yes	Yes	No	Yes	L	PY	PY
Lange 2010	Yes	PY	Yes	PY	N/A	N/A	Yes	No	No	Yes	Yes	No	PY	No	A	PY	PY
Lange 2010	Yes	PY	Yes	N/A	N/A	No	Yes	No	No	Yes	Yes	No	Yes	No	A	PY	PY
Ledoux 2019	Yes	Yes	Yes	Yes	Ved 12 uger: Aldersgruppe 5-7 år: 23,5%; 8-12 år: 24%; 13-18 år: 27,1%	Yes	Yes	no	no	Yes	Yes	Yes	Yes	Yes	A	Yes	Yes
Lee 2013	Yes	Yes	Yes	Yes	0%	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Levin 2021	Yes	Yes	Yes	Yes	mTBI = 9%; OTC = 9%	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Li 2020	Yes	Yes	Yes	N/A	N/A	N/A	Yes	No	No	Yes	Yes	No	No	Yes	A	PY	No
Losoi 2015	Yes	Yes	Yes	Yes	mTBI = 16%; kontrol = 20%	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Lovell 2003	Yes	PY	No	Yes	mTBI = 11%	No	Yes	PY	PY	Yes	Yes	Yes	PY	No	A	PY	PY
Lovell 2007	Yes	PY	NS	Yes	NS	No	Yes	No	No	PY	Yes	Yes	PY	No	L	PY	PY
Lyons 2022	Yes	N/A	N/A	Yes	23,10%	Yes	Yes	N/A	N/A	Yes	Yes	No	Yes	No	A	PY	PY
Machamer 2022	Yes	Yes	Yes	Yes	TBI = 26%; OTC = 27% FC = 15%	Yes	Yes	No	PY	Yes	Yes	Yes	Yes	Yes	H	PY	PY
Maestas 2014	Yes	N/A	No	Yes	alle =17%	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	A	PY	PY
Master 2018	Yes	N/A	N/A	No	N/A	N/A	Yes	No	No	Yes	Yes	Yes	PY	No	A	PY	PY
Mayer 2012	Yes	Yes	No	PY	mTBI = 26,7 kontrol = 20%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	yes	No	A	PY	PY
McCauley 2005	Yes	Yes	N/A	Yes	mtbi = 60,2	No	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
McCauley 2008	Yes	N/A	Yes	No	mTBI 63,5	Yes	Yes	N/A	N/A	Yes	Yes	Yes	PY	Yes	A	PY	PY
Mccrea 2003	Yes	Yes	Yes	Yes	mTBI = 16%	No	Yes	No	Yes	Yes	Yes	Yes	PY	Yes	A	PY	PY
Mccrea 2020	Yes	PY	No	PY	Not stated	N/A	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY

McLean 2009	YEs	Yes	Yes	PY	Ikke angivet fuldstændig opfølgning; 19%, 33%, 29% ved hhv. 1, 3 og 12 måneder	Yes	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
McMahon 2014	Yes	N/A	Yes	No	46,9% havde ikke alle data ved 12 mdr.	No	Yes	No	PY	Yes	Yes	Yes	Yes	No	A	PY	PY
Merritt 2015 - Persona	Yes	N/A	Yes	PY	11%	No	Yes	N/A	No	Yes	Yes	No	PY	No	A	PY	PY
Merritt 2015 - Resilien	Yes	Yes	Yes	No	N/A	N/A	Yes	No	No	Yes	YEs	No	Yes	Yes	A	PY	PY
Merz 2019	Yes	N/A	Yes	N/A	1%	No	Yes	No	No	Yes	Yes	No	PY	No	A	PY	PY
Meyer 2019	Yes	PY	No	PY	mTBI = 33,333, kontrol= ikke angivet	No	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
Mez 2017	Yes	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes	Yes	No	PY	No	A	PY	PY
Michel 2021	Yes	No	No	N/A	N/A	N/A	Yes	No	No	PY	PY	No	No	No	L	No	No
Mikolic	Yes	PY	N/A	Yes	N/A	N/A	Yes	No	N/A	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Mondello 2016	Yes	PY	No	PY	NS	N/A	Yes	Yes	Yes	Yes	Yes	No	No	Yes	A	PY	PY
Moran 2012	Yes	YES	Yes	Yes	11%	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	A	Yes	Yes
Nelson 2016	Yes	Yes	Yes	Yes	NS	No	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
Nelson 2019	Yes	Yes	Yes	Yes	mTBI = 8%; OTC = 9%	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Orr 2021	Yes	N/A	Yes	Yes	(0 i hver gruppe)	N/A	Yes	No	No	Yes	Yes	Yes	Yes	No	A	PY	PY
Paniccia 2020	Yes	Yes	Yes	Yes	17% (ufuldstændige udfyldelse af spørgeskemaer)	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	A	PY	PY
Papa 2015	Yes	PY	Yes	PY	N/A	N/A	Yes	Yes	Yes	Yes	Yes	No	PY	Yes	H	PY	PY
Papa 2019	Yes	No	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	A	PY	Yes
Peterson 2003	Yes	Yes	Yes	Yes	NS	No	Yes	No	No	Yes	Yes	Yes	PY	No	A	PY	PY

Ponsford 2012	Yes	Yes	Yes	Yes	mTBI = 27%, kontrol = 20%	Yes	Yes	no	no	Yes	Yes	Yes	Yes	No	A	PY	PY
Poole 2014	No	PY	No	No	NS	N/A	Yes	No	No	Yes	Yes	Yes	No	No	L	No	No
Purcell 2016	Yes	N/A	Yes	Yes	N/A	No	Yes	N/A	No	Yes	Yes	Yes	Yes	No	A	Yes	Yes
Ransom 2015	Yes	N/A	No	Yes	NS	No	Yes	No	No	Yes	Yes	Yes	Yes	No	A	PY	Yes
Rasmey 2021	Yes	Yes	No	Yes	0%	N/A	Yes	No	No	Yes	Yes	No	Yes	Yes	A	PY	PY
Reimer 2020	Yes	N/A	No	Yes	N/A	N/A	Yes	No	No	Yes	Yes	No	Yes	No	A	PY	PY
Rhine 2016	Yes	PY	Yes	PY	mTBI = 4%, kontrol = 5%	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	A	PY	PY
Robinson 2018	Yes	N/A	N/A	N/A	N/A	N/A	Yes	No	No	Yes	Yes	N/A	PY	Yes	A	PY	PY
Rutherford 1979	Yes	N/A	Yes	Yes	69%	No	Yes	No	No	PY	No	PY	No	No	L	PY	No
Schatz 2006	Yes	PY	Yes	PY	N/A	N/A	Yes	No	No	Yes	Yes	No	PY	No	A	PY	PY
Scheenen 2017	Yes	PY	Yes	PY	NS	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Scheenen 2017b	Yes	N/A	Yes	PY	42%	Yes	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
Shahim 2017	Yes	Yes	Yes	Yes	Boksere = 7%; Ishockey spillere = 20%	No	Yes	N/A	N/A	PY	Yes	Yes	Yes	Yes	A	PY	PY
Sheedy 2009	Yes	PY	Yes	No	mTBI = 20%, OTC = 90%	No	Yes	No	No	Yes	Yes	PY	PY	Yes	A	PY	PY
Smits 2009	Yes	PY	Yes	No	N/A	N/A	Yes	No	No	Yes	Yes	No	PY	No	A	PY	PY
Snell 2011	Yes	Yes	Yes	PY	NS	No	Yes	No	No	PY	Yes	Yes	PY	Yes	A	PY	PY
Sone 2019	Yes	PY	No	N/A	N/A	N/A	Yes	No	No	Yes	Yes	No	PY	Yes	A	PY	No
Sorokina 2009	PY	NS	Yes	No	NS	NS	Yes	No	No	Yes	No	Yes	PY	No	A	PY	PY
Starkey 2022	Yes	Yes	Yes	PY	mTBI = 56%; 8 år efter = 82,6 frafald ift originale gruppe, og 43,6% af dem som gik med til follow up..	No	Yes	No	No	Yes	Yes	Yes	PY	No	A	PY	PY

Steyerberg 2019	Yes	No	Yes	N/A	skadestue = 15%; Indlagte = 14%; Intensiv = 11%	No	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
Sufrinko 2017	Yes	PY	No	PY	25%	No	Yes	No	No	Yes	Yes	No	PY	Yes	A	PY	PY
Theadom 2016	Yes	N/A	Yes	Yes	mTBI = 16%	Yes	Yes	No	No	PY	Yes	Yes	Yes	Yes	A	PY	PY
Thomas 2011	Yes	N/A	Yes	Yes	0	N/A	Yes	No	PY	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Tortelli 2012	Yes	PY	No	N/A	N/A	N/A	Yes	Yes	Yes	Yes	Yes	No	PY	Yes	A	PY	No
van der Naalt 1999	Yes	N/A	Yes	Yes	Alle = 4%	No	Yes	No	No	Yes	Yes	Yes	Yes	No	A	PY	PY
Van der naalt, 2017	Yes	N/A	Yes	Yes	Alle = 40%	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Vargas 2022	Yes	PY	Yes	Yes	mTBI = 74%	No	Yes	No	No	Yes	Yes	Yes	PY	Yes	A	PY	PY
Voormolen 2020	Yes	PY	Yes	Yes	Alle = 10 %	No	Yes	No	No	Yes	Yes	Yes	No	No	A	PY	PY
Waljäs 2015	Yes	Yes	Yes	Yes	Alle = 18%	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	A	PY	PY
Weathers 2018	Yes	PY	No	PY	NS	N/A	Yes	No	No	PY	Yes	Yes	Yes	No	A	PY	PY
Whittaker 2007	Yes	N/A	Yes	No	Alle = 21%	No	Yes	No	No	Yes	Yes	Yes	PY	No	A	PY	PY
Yeates 1999	Yes	Yes	Yes	No	mTBI = 12 %; kontrol = 0 %	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	A	PY	PY
Yue 2019	Yes	N/A	Yes	PY	Alle = 55%	No	Yes	No	No	Yes	Yes	No	Yes	Yes	A	PY	PY
Yue 2019	Yes	PY	No	Yes	NS	N/A	Yes	Yes	N/A	Yes	Yes	No	Yes	Yes	A	PY	PY
Yuh 2013	Yes	N/A	No	Yes	NS	Yes	PY	No	No	Yes	Yes	No	Yes	Yes	A	PY	PY
Zetterberg 2006	Yes	No	no	Yes	NS	No	Yes	No	No	PY	Yes	Yes	No	No	L	PY	PY

Forkortelser

TBI = Traumatic Brain Injury

PY = Partial Yes

NS = Not stated

N/A = Not Applicable

A = Acceptable

L = Low

H = High

mTBI = mild Traumatic Brain Injury

OTC = Orthopedic Trauma Control

FC = Friend Control

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