



#picturesofchange: Physical self-representations in social media as a sign of change in sports and movement culture – An integrative review with implications for physical education:

Supplemental material

Fabian Muhsal¹, David Jaitner¹, Jannika M. John²

1 Institute of Sports Science and Movement Pedagogy, Technical University of Braunschweig

2 Institute of Sports Science, Eberhard Karls University Tübingen

* f.muhsal@tu-braunschweig.de

Table 1*Quality appraisal of the included qualitative studies (Pluye et al., 2009)*

Source	1	2	3	4	5	6	Score (in %)
Bailey et al. (2022)	1	1	1	0	1	0	66,66
Bell et al. (2021)	1	1	1	1	1	0	83,33
Chawansky (2016)	1	1	1	1	1	0	83,33
Dupont (2020)	1	1	1	1	1	0	83,33
Ehrlén & Villi (2020)	1	1	1	1	1	0	83,33
Kassing (2018)	1	1	1	1	1	0	83,33
McCormack (2018)	1	1	1	1	1	0	83,33
McGannon et al. (2022)	1	1	1	1	1	1	100
Pocock and Skey (2022)	1	1	1	1	1	0	83,33
Rahikainen and Toffoletti (2022)	1	1	1	1	1	1	100
Silva et al. (2021)	1	1	1	1	1	0	83,33
Stanley (2020)	1	1	1	1	1	0	83,33
Toffoletti and Thorpe (2018)	1	1	1	1	1	0	83,33
Toffoletti and Thorpe (2021)	1	1	1	1	1	0	83,33
Woermann (2012)	1	1	1	1	1	1	100

Note: 1 = yes; 0 = no; Score: number of positive items divided by number of total items; Criteria: 1 = Qualitative objective or question, 2 = Appropriate qualitative approach or design or method, 3 = Description of the context, 4 = Description of participants and justification of sampling, 5 = Description of qualitative data collection and analysis, 6 = Discussion of researchers' reflexivity

Table 2*Quality appraisal of the included quantitative studies (Pluye et al., 2009)*

Source	1	2	3	Score (in %)
Boepple et al. (2016)	1	1	n.a.	100
Hinz et al. (2021a)	1	1	n.a.	100
Hinz et al. (2021b)	1	1	n.a.	100
Liu et al. (2021)	1	1	1	100
Mitchell et al. (2019)	1	1	n.a.	100
Mitchell, Santarossa, et al.(2021)	1	1	n.a.	100
Mitchell, Van Wyk, et al. (2021)	1	1	n.a.	100
Santarossa et al. (2019)	1	1	n.a.	100
Webb et al. (2019)	1	1	n.a.	100

Note: 1 = yes; 0 = no; n.a. = not applicable; Score: number of positive items divided by number of total items; 1 = Appropriate sampling and sample, 2 = Justification of measurements (validity and standards), 3 = Control of confounding variables

Table 3*Quality appraisal of the included mixed-method study (Pluye et al., 2009)*

Source	1	2	3	4	5	6	7	8	9	10	11	12	Score (in %)
Pinkerton et al. (2017)	1	1	1	0	1	0	1	1	1	0	1	1	75

Note: 1 = yes; 0 = no; Score: number of positive items divided by number of total items; Criteria: 1 = Qualitative objective or question, 2 = Appropriate qualitative approach or design or method, 3 = Description of the context, 4 = Description of participants and justification of sampling, 5 = Description of qualitative data collection and analysis, 6 = Discussion of researchers' reflexivity, 7 = Appropriate sampling and sample, 8 = Justification of measurements (validity and standards), 9 = Control of confounding variables, 10 = Justification of the mixed methods design, 11 = Combination of qualitative and quantitative data collection-analysis techniques or procedures, 12 = Integration of qualitative and quantitative data or results