

Problematic Media Use among Children up to the Age of 10: A Systematic Literature Review

Table S1. Quality assessment of the reviewed studies using the QUALSYST evaluation tool (Author 1).

STUDIES	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	SUMMARY SCORE
ABDULLAH ET AL. (2022)	1	2	0	2	n/a	n/a	n/a	1	2	2	2	1	2	2	17/22=0.77
AKÖZLÜ ET AL. (2021)	1	2	1	1	n/a	n/a	n/a	2	1	2	2	n/a	1	2	15/20=0.75
APISITWASANA ET AL. (2018)	1	2	2	1	n/a	n/a	n/a	1	1	2	2	1	2	2	17/22=0.77
BAE ET AL. (2020)	1	2	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	20/22=0.91
CHO ET AL. (2017)	2	0	1	2	n/a	n/a	n/a	1	1	2	2	1	2	1	15/22=0.68
COYNE ET AL. (2021)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	22/22=1.00
DE PASQUALE ET AL. (2021)	2	2	1	2	n/a	n/a	n/a	2	1	1	2	0	2	2	17/22=0.77
EALES ET AL. (2021)	2	1	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	20/22=0.91
HOLMGREN ET AL. (2022)	2	2	2	2	n/a	n/a	n/a	2	2	2	1	2	2	2	21/22=0.95
HSIEH ET AL. (2016)	2	1	2	1	n/a	n/a	n/a	2	2	1	1	1	2	2	17/22=0.77
HSIEH ET AL. (2018)	2	1	2	1	n/a	n/a	n/a	2	2	2	2	2	2	2	20/22=0.91
JEONG ET AL. (2019)	1	1	1	2	n/a	n/a	n/a	2	2	2	2	2	2	2	19/22=0.86
JEONG ET AL. (2020)	2	1	2	2	n/a	n/a	n/a	2	1	2	2	2	2	2	20/22=0.91
KIETGLAIWANSIRI ET AL. (2018)	1	1	2	2	n/a	n/a	n/a	1	1	2	1	2	2	2	17/22=0.77
KÖK EREN & ÖRSAL (2018)	1	1	0	2	n/a	n/a	n/a	1	1	2	1	n/a	1	2	12/20=0.60
KROSHUS ET AL. (2022)	2	1	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	20/22=0.91
LIM ET AL. (2020)	2	1	2	2	n/a	n/a	n/a	0	2	2	2	1	2	2	18/22=0.82

LIU ET AL. (2017)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	22/22=1.00
LO ET AL. (2020)	2	2	2	1	n/a	n/a	n/a	2	2	2	2	0	2	2	19/22=0.86
MILTUZE ET AL. (2021)	2	2	1	2	n/a	n/a	n/a	1	2	2	1	1	2	2	18/22=0.82
MUSLU ET AL. (2020)	1	2	1	2	n/a	n/a	n/a	2	2	2	2	n/a	2	2	18/20=0.90
OH ET AL. (2021A)	1	2	2	1	n/a	n/a	n/a	1	2	2	2	1	2	2	18/22=0.82
OH ET AL. (2021B)	1	2	2	1	n/a	n/a	n/a	2	2	2	2	1	1	2	18/22=0.82
PARK ET AL. (2021)	1	2	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	20/22=0.91
PAULUS ET AL. (2018)	1	2	1	2	n/a	n/a	n/a	1	2	2	2	1	2	2	18/22=0.82
PAULUS ET AL. (2021)	2	2	1	2	n/a	n/a	n/a	2	1	2	2	0	2	2	18/22=0.82
RICHARD ET AL. (2022)	2	2	2	2	n/a	n/a	n/a	1	2	2	2	2	2	2	21/22=0.95
SAKAMOTO ET AL. (2022)	1	2	2	2	n/a	n/a	n/a	1	2	2	2	1	2	2	19/22=0.86
SAYI ET AL. (2021)	2	2	2	2	n/a	n/a	n/a	1	1	2	2	n/a	2	2	18/20=0.90
SONG (2022)	1	2	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	20/22=0.91
TAKAHASHI ET AL. (2018)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	21/22=0.95
VAN PETEGEM ET AL. (2019)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	22/22=1.00
YANG ET AL. (2021)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	22/22=1.00
YANG ET AL. (2022)	2	1	0	2	n/a	n/a	n/a	2	1	2	2	2	2	2	18/22=0.82
ZHOU ET AL. (2020)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	22/22=1.00

2 = yes; 1 = partial; 0 = no; n/a = not applicable.

Table S2. *Quality assessment of the reviewed studies using the QUALSYST evaluation tool (Author 2).*

STUDIES	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	SUMMARY SCORE
ABDULLAH ET AL. (2022)	1	2	1	1	n/a	n/a	n/a	1	2	1	2	1	2	2	16/22=0.73
AKÖZLÜ ET AL. (2021)	1	2	1	1	n/a	n/a	n/a	2	1	1	2	n/a	1	2	14/20=0.70
APISITWASANA ET AL. (2018)	1	2	2	1	n/a	n/a	n/a	1	2	2	2	1	2	2	18/22=0.81
BAE ET AL. (2020)	1	2	2	1	n/a	n/a	n/a	2	2	2	2	1	2	2	19/22=0.86
CHO ET AL. (2017)	2	0	1	2	n/a	n/a	n/a	1	1	2	2	1	2	1	15/22=0.68
COYNE ET AL. (2021)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	22/22=1.00
DE PASQUALE ET AL. (2021)	1	1	1	1	n/a	n/a	n/a	2	1	1	2	0	2	2	14/22=0.63
EALLES ET AL. (2021)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	21/22=0.95
HOLMGREN ET AL. (2022)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	22/22=1.00
HSIEH ET AL. (2016)	2	1	1	1	n/a	n/a	n/a	2	2	1	1	1	2	2	16/22=0.73
HSIEH ET AL. (2018)	2	1	2	1	n/a	n/a	n/a	2	2	2	2	2	2	2	20/22=0.91
JEONG ET AL. (2019)	1	1	1	2	n/a	n/a	n/a	2	2	2	2	2	2	2	19/22=0.86
JEONG ET AL. (2020)	1	1	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	20/22=0.91
KIETGLAIWANSIRI ET AL. (2018)	1	2	2	2	n/a	n/a	n/a	1	2	1	2	2	2	2	19/22=0.86
KÖK EREN & ÖRSAL (2018)	1	1	0	2	n/a	n/a	n/a	1	1	1	1	n/a	1	2	11/20=0.55
KROSHUS ET AL. (2022)	2	1	1	2	n/a	n/a	n/a	2	2	2	1	2	2	2	19/22=0.86
LIM ET AL. (2020)	2	1	2	1	n/a	n/a	n/a	1	2	1	1	1	1	2	15/22=0.68
LIU ET AL. (2017)	2	2	2	1	n/a	n/a	n/a	2	2	2	2	2	2	2	21/22=0.95
LO ET AL. (2020)	2	2	1	1	n/a	n/a	n/a	2	2	2	2	0	2	2	18/22=0.82

MILTUZE ET AL. (2021)	2	2	1	2	n/a	n/a	n/a	1	2	2	2	1	2	2	19/22=0.86
MUSLU ET AL. (2020)	1	2	1	2	n/a	n/a	n/a	2	2	2	2	n/a	2	2	18/20=0.90
OH ET AL. (2021A)	1	2	2	1	n/a	n/a	n/a	1	2	2	2	1	2	2	18/22=0.82
OH ET AL. (2021B)	1	2	2	1	n/a	n/a	n/a	2	2	2	2	1	1	2	18/22=0.82
PARK ET AL. (2021)	1	1	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	19/22=0.86
PAULUS ET AL. (2018)	1	1	1	2	n/a	n/a	n/a	1	2	2	2	1	2	2	17/22=0.77
PAULUS ET AL. (2021)	2	2	1	2	n/a	n/a	n/a	2	2	2	2	0	2	2	19/22=0.86
RICHARD ET AL. (2022)	2	2	2	2	n/a	n/a	n/a	1	2	2	2	2	2	2	21/22=0.95
SAKAMOTO ET AL. (2022)	1	2	2	2	n/a	n/a	n/a	1	2	2	2	1	2	2	19/22=0.86
SAYI ET AL. (2021)	2	2	2	2	n/a	n/a	n/a	1	1	1	2	n/a	2	2	17/20=0.85
SONG (2022)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	21/22=0.95
TAKAHASHI ET AL. (2018)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	1	2	2	21/22=0.95
VAN PETEGEM ET AL. (2019)	2	1	1	2	n/a	n/a	n/a	2	2	2	2	2	2	2	20/22=0.91
YANG ET AL. (2021)	1	1	1	2	n/a	n/a	n/a	2	2	2	2	2	2	2	19/22=0.86
YANG ET AL. (2022)	2	1	0	2	n/a	n/a	n/a	2	1	2	2	2	2	2	18/22=0.82
ZHOU ET AL. (2020)	2	2	2	2	n/a	n/a	n/a	2	2	2	2	2	2	2	22/22=1.00

2 = yes; 1 = partial; 0 = no; n/a = not applicable.

Table S3. *Inter-rater agreement and disagreement for overall scores of quantitative studies.*

STUDIES	SUMMARY SCORE (R1)	SUMMARY SCORE (R2)	DISCREPANCIES
ABDULLAH ET AL. (2022)	17/22=0.77	16/22=0.73	0.04
AKÖZLÜ ET AL. (2021)	15/20=0.75	14/20=0.70	0.05
APISITWASANA ET AL. (2018)	17/22=0.77	18/22=0.81	0.04
BAE ET AL. (2020)	20/22=0.91	19/22=0.86	0.05
CHO ET AL. (2017)	15/22=0.68	15/22=0.68	0
COYNE ET AL. (2021)	22/22=1.00	22/22=1.00	0
DE PASQUALE ET AL. (2021)	17/22=0.77	14/22=0.63	0.14
EALES ET AL. (2021)	20/22=0.91	21/22=0.95	0.04
HOLMGREN ET AL. (2022)	21/22=0.95	22/22=1.00	0.05
HSIEH ET AL. (2016)	17/22=0.77	16/22=0.73	0.04
HSIEH ET AL. (2018)	20/22=0.91	20/22=0.91	0
JEONG ET AL. (2019)	19/22=0.86	19/22=0.86	0
JEONG ET AL. (2020)	20/22=0.91	20/22=0.91	0
KIETGLAIWANSIRI ET AL. (2018)	17/22=0.77	19/22=0.86	0.09
KÖK EREN & ÖRSAL (2018)	12/20=0.60	11/20=0.55	0.05
KROSHUS ET AL. (2022)	20/22=0.91	19/22=0.86	0.05
LIM ET AL. (2020)	18/22=0.82	15/22=0.68	0.14
LIU ET AL. (2017)	22/22=1.00	21/22=0.95	0.05

LO ET AL. (2020)	19/22=0.86	18/22=0.82	0.04
MILTUZE ET AL. (2021)	18/22=0.82	19/22=0.86	0.04
MUSLU ET AL. (2020)	18/20=0.90	18/20=0.90	0
OH ET AL. (2021A)	18/22=0.82	18/22=0.82	0
OH ET AL. (2021B)	18/22=0.82	18/22=0.82	0
PARK ET AL. (2021)	20/22=0.91	19/22=0.86	0.05
PAULUS ET AL. (2018)	18/22=0.82	17/22=0.77	0.05
PAULUS ET AL. (2021)	18/22=0.82	19/22=0.86	0.04
RICHARD ET AL. (2022)	21/22=0.95	21/22=0.95	0
SAKAMOTO ET AL. (2022)	19/22=0.86	19/22=0.86	0
SAYI ET AL. (2021)	18/20=0.90	17/20=0.85	0.05
SONG ET AL. (2022)	20/22=0.91	21/22=0.95	0.04
TAKAHASHI ET AL. (2018)	21/22=0.95	21/22=0.95	0
VAN PETEGEM ET AL. (2019)	22/22=1.00	20/22=0.91	0.09
YANG ET AL. (2021)	22/22=1.00	19/22=0.86	0.14
YANG ET AL. (2022)	18/22=0.82	18/22=0.82	0
ZHOU ET AL. (2020)	22/22=1.00	22/22=1.00	0

R1, Reviewer 1; R2, Reviewer 2.