Associations Between Exposures and Health-related Outcomes

Outcome	Specific Outcome	Exposure	Age Group	Lead Author, Date	r with 95% CI	I²	K	N	
Body composition	Body composition	Screen use: General	All	Fang, 2019	0.14 [0.11, 0.17]	86%	19	47,164	
	Body composition	TV programs and movies: General	All	Poorolajal, 2020	0.12 [0.10, 0.15]	98%	56	343,999	
	Body composition	Video games: General	All	Poorolajal, 2020	0.07 [0.02, 0.11]	98%	11	151,910	
	Body composition	TV programs and movies: General	Adolescents	Marshall, 2004	0.06 [0.03, 0.10]	0%	12	3,196	
	Body composition	TV programs and movies: General	Children	Zhang, 2016	0.12 [0.09, 0.15]	96%	24	104,911	
Diet	Food intake (calories)	Advertising: Advergames	All	Folkvord, 2018	0.18 [0.10, 0.25]	82%	15	3,842	
	Food intake	Advertising: Unhealthy food	All	Boyland, 2016	0.25 [0.12, 0.38]	88%	13	1,756	
Healthy behavior	General	Screen-based intervention: Health behaviours	All	Cushing, 2010	0.15 [0.10, 0.20]	82%	33	9,525	
Psychological health	Depression	Screen use: General	All	Liu, 2016	0.06 [0.04, 0.08]	92%	21	138,942	
Risky behavior	Sexual activity	Screen use: Sexy media	All	Ferguson, 2017	0.08 [0.05, 0.11]	76%	25	18,127	
	Sexual activity (initiation of sex)	Screen use: Sexy media	All	Ferguson, 2017	0.08 [0.04, 0.12]	84%	16	17,019	
	Risk taking (general)	Social Media: General	Adolescents	Vannucci, 2020	0.21 [0.16, 0.25]	98%	27	66,407	
	Risky sexual behaviour	Social Media: General	Adolescents	Vannucci, 2020	0.21 [0.14, 0.28]	96%	14	23,096	
	Substance abuse	Social Media: General	Adolescents	Vannucci, 2020	0.19 [0.14, 0.24]	96%	14	36,228	
Sleep	Duration	TV programs and movies: General	Adolescents	Bartel, 2015	-0.06 [-0.10, -0.01]	78%	10	9,798	

-0.4 -0.2 0.0 0.2 0.4

r with **95%** and **99.9%** CIs