Associations Between Exposures and Health-related Outcomes Specific Study Lead Author, r with Age **Outcome** Pop. K Ν Exposure Outcome Group Design 95% CI Date Body TV programs and Mixed or Marshall, 0.06 Adolescents General 0% 12 3,196 0 composition movies: General unclear 2004 [0.03, 0.10]Body Body Video games: Mixed or 0.09 94% 13 20,004 Children Marker, 2022 General O composition [0.03, 0.16] composition General unclear Video games: Hernandez-Body -0.12 Physically Mixed General **Experimental** Jimenez. 86% 19 1,347 [-0.25, 0.01] composition active 2019 Screen use: Cognitive Mallawaarachchi, -0.07General (mobile Young General Observational 80% 10 2.001 Functioning 2022 [-0.17, 0.04] or tablet) Cognition Information Video games: 0,11 Powers, 2013 66% 56 5,189 Mixed General **Experimental** O [0.06, 0.15] processing General Screen use: Mallawaarachchi, -0.09 Developmental General General (mobile Young General Observational 82% 26 9,070 [-0.14, -0.03]2022 or tablet) Boyland, 0.23 Advertising: Food intake 90% 13 1,756 Children General Experimental 0 Unhealthy food 2016 [0.10, 0.37]iet Food intake Advertising: Folkvord. 0.18 Mixed General Experimental 82% 15 3.842 O 2018 [0,10,0,25] (calories) Advergames Screen-based intervention: Cushina. Mixed or 0.11 General Mixed General 88% 33 9.525 Health unclear 2010 [0.05, 0.17] behaviours Internet use: Cross-0.25 Depression Mixed General Shin. 2022 98% 118;27.696 0

sectional

Mixed or

Mixed or

Mixed or

unclear

Mixed or

Mixed or

Mixed or

Mixed or

Mixed or

unclear

unclear

unclear

unclear

unclear

unclear

unclear

Longitudinal

Observational

Observational

Shin, 2022

Ivie. 2020

Yin, 2019

Eirich, 2022

2022

2020

2020

2017

2017

2020

Vannucci,

Vannucci.

Ferguson,

Ferguson,

Vannucci.

Bartel, 2015

Mallawaarachchi,

General

General

General

General

General

General

Adolescents General

Adolescents General

Adolescents General

Adolescents General

Adolescents General

[0.22, 0.27] 0.15

[0.09, 0.21]

0.12

[0.05, 0.19]

0,08

[0.01, 0.15]

0.06

[0.04, 0.08]

-0.08

[-0.16, 0.00]

0.21

[0.16, 0.25]

0.21

[0.14, 0.28]

0.08

[0.05, 0.11]

0.08

[0.04, 0.12]

0.19

[0.14, 0.24]

-0.06

[-0.10, -0.01]

94% 13 17,540

98% 12 93,740

86% 12 5,522

88% 43 93,914

78% 12 2,888

98% 27 66.407

96% 14 23,096

76% 25 18.127

84% 16 17,019

96% 14 36,228

78% 10 9,798

r with 95% and 99.9% CIs

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Diet
Hea l thy behavior
Psychological

health

Risky

Sleep

behaviór

General

General

General

General

General

or tablet)

General

General

content

content

General

Social Media:

TV programs and

movies: General

Depression

Depression

Internalizing

Psychosocial

Risk taking

Risky sexual

(general)

behaviour

Sexual

activity

Sexual

activity

abuse

Duration

(initiation)

Substance

General

factors

Internet use:

Social Media:

Social Media:

Screen use:

Screen use:

Social Media:

Social Media:

Screen use: Sexual

Screen use: Sexual

General (mobile

Mixed

Mixed

Mixed

Young

Mixed

Mixed