

## Supplementary Online Content

Ophir Y, Rosenberg H, Tikochinski R, Dalyot S, Lipshits-Braziler Y. Screen time and autism spectrum disorder: a systematic review and meta-analysis. *JAMA Netw Open*. 2023;6(12):e2346775. doi:10.1001/jamanetworkopen.2023.46775

**eAppendix.** Formulas Used for Conversion of the Various Effect Sizes Into Log Odds Ratios

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This supplementary material has been provided by the authors to give readers additional information about their work.

## **eAppendix.** Formulas Used for Conversion of the Various Effect Sizes Into Log Odds Ratios

From Cohen's  $d$ :

$$1. \log Odds Ratio = d \frac{\pi}{\sqrt{3}}$$

$$2. V_{logOddsRatio} = V_d \frac{\pi^2}{3}$$

From Pearson's  $r$ :

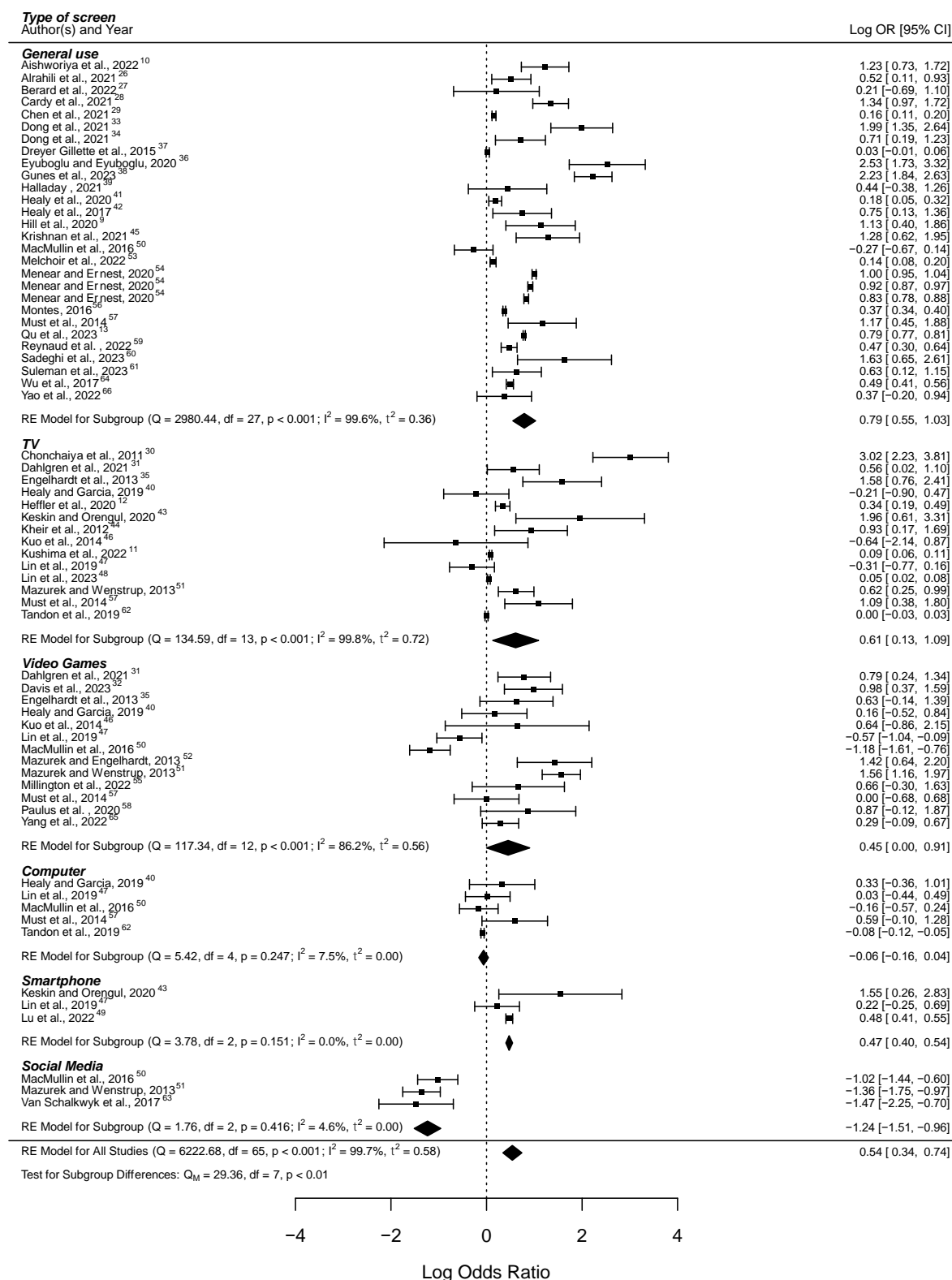
Pearson's  $r$  is first transformed to  $d$  and  $V_d$  as follows:

$$3. d = \frac{2r}{\sqrt{1-r^2}}$$

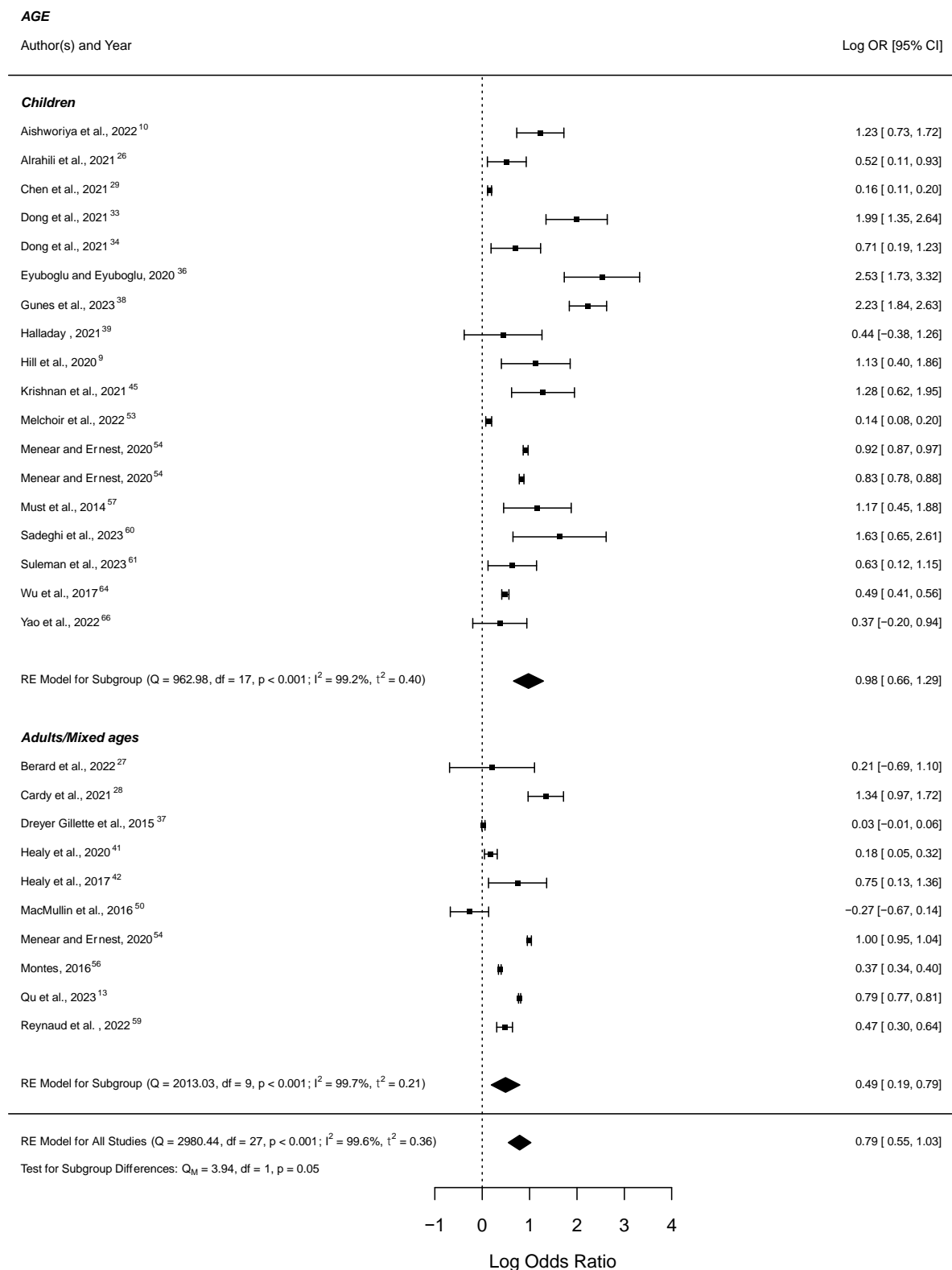
$$4. V_d = \frac{4V_r}{(1-r^2)^3},$$

Next,  $d$  and  $V_d$  are converted to log OR and  $V_{logOddsRatio}$  using formulas (1) and (2).

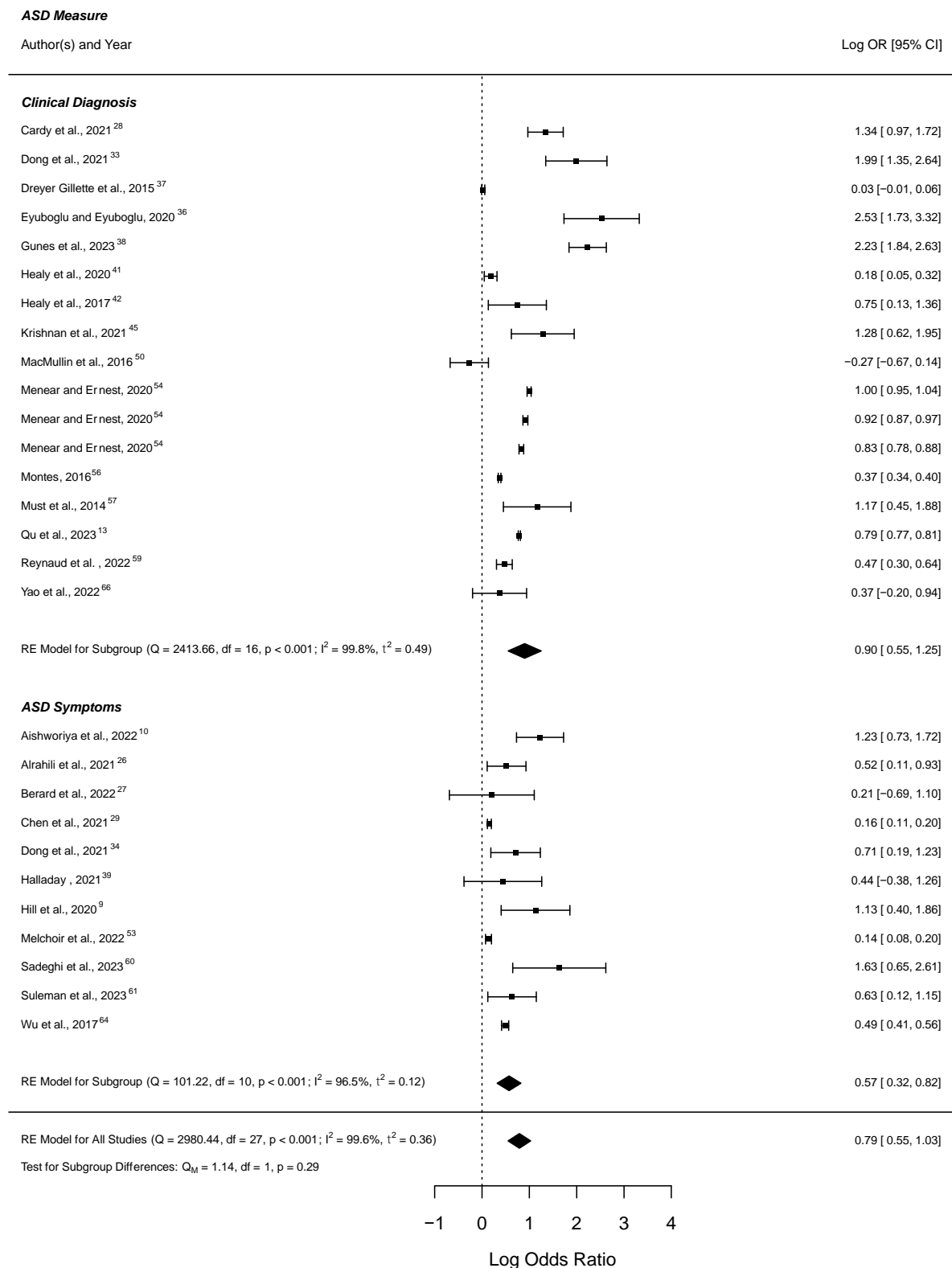
**eFigure 1. Forest Plot of All 66 Effect Sizes by Screen Type**



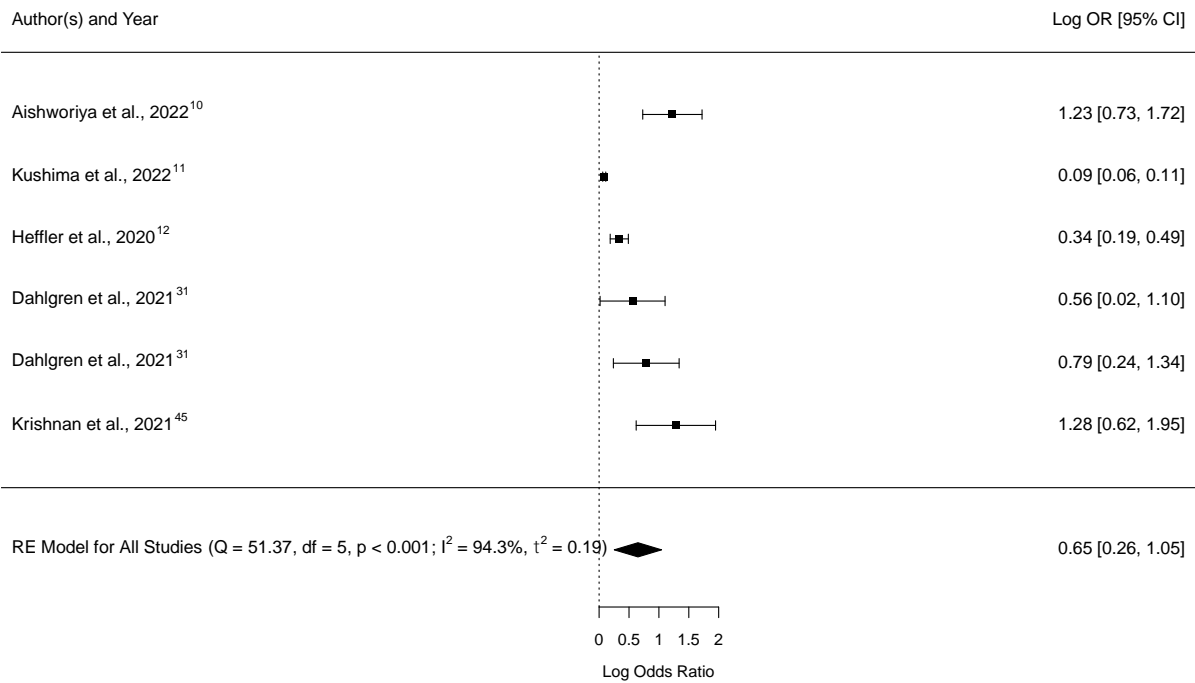
**eFigure 2.** Forest Plot by Age Groups of the 28 Effect Sizes of General Screen Use



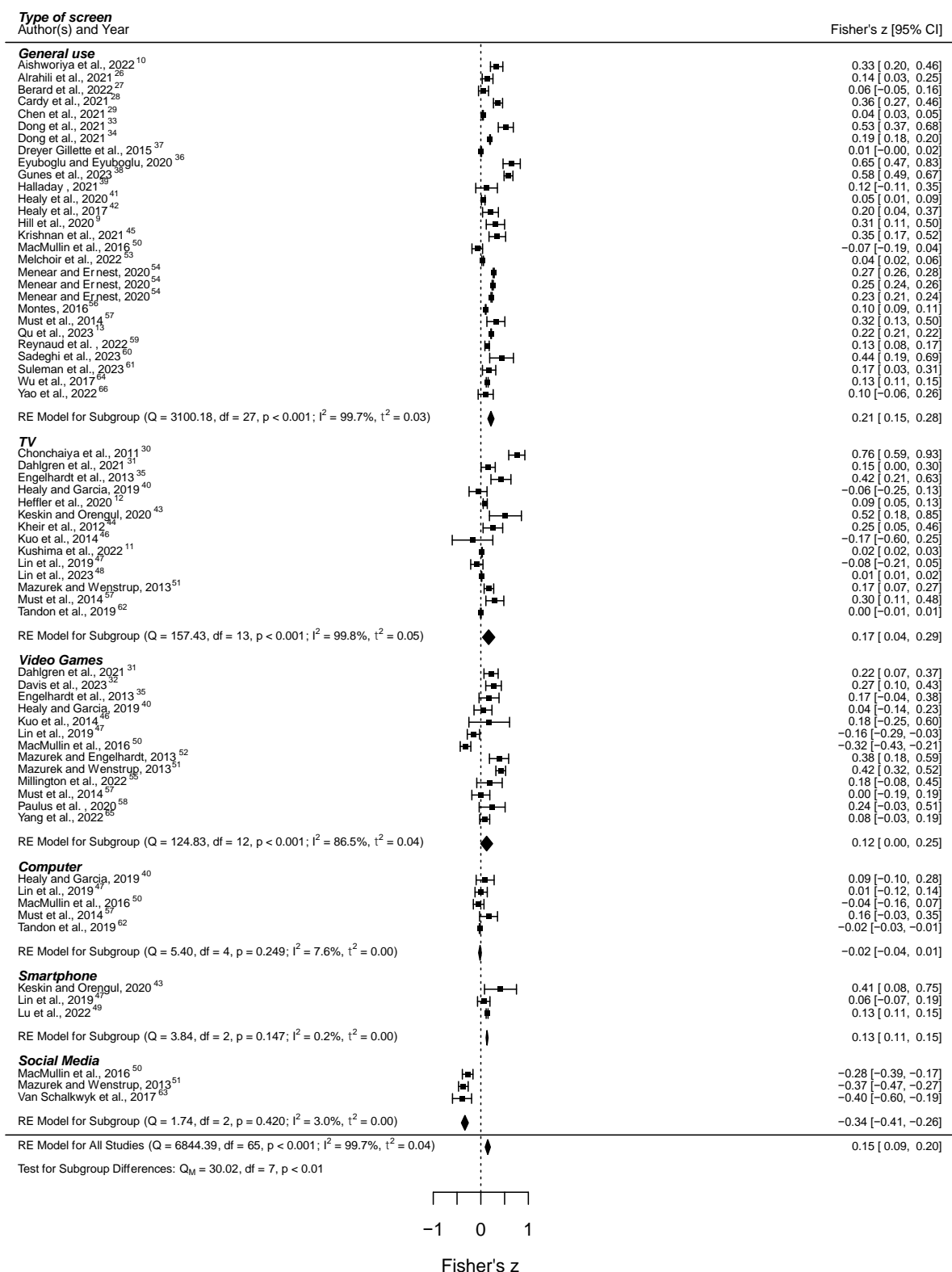
**eFigure 3.** Forest Plot by the Type of Autism Spectrum Disorder (ASD) Measure of 28 Effect Sizes of General Screen Use



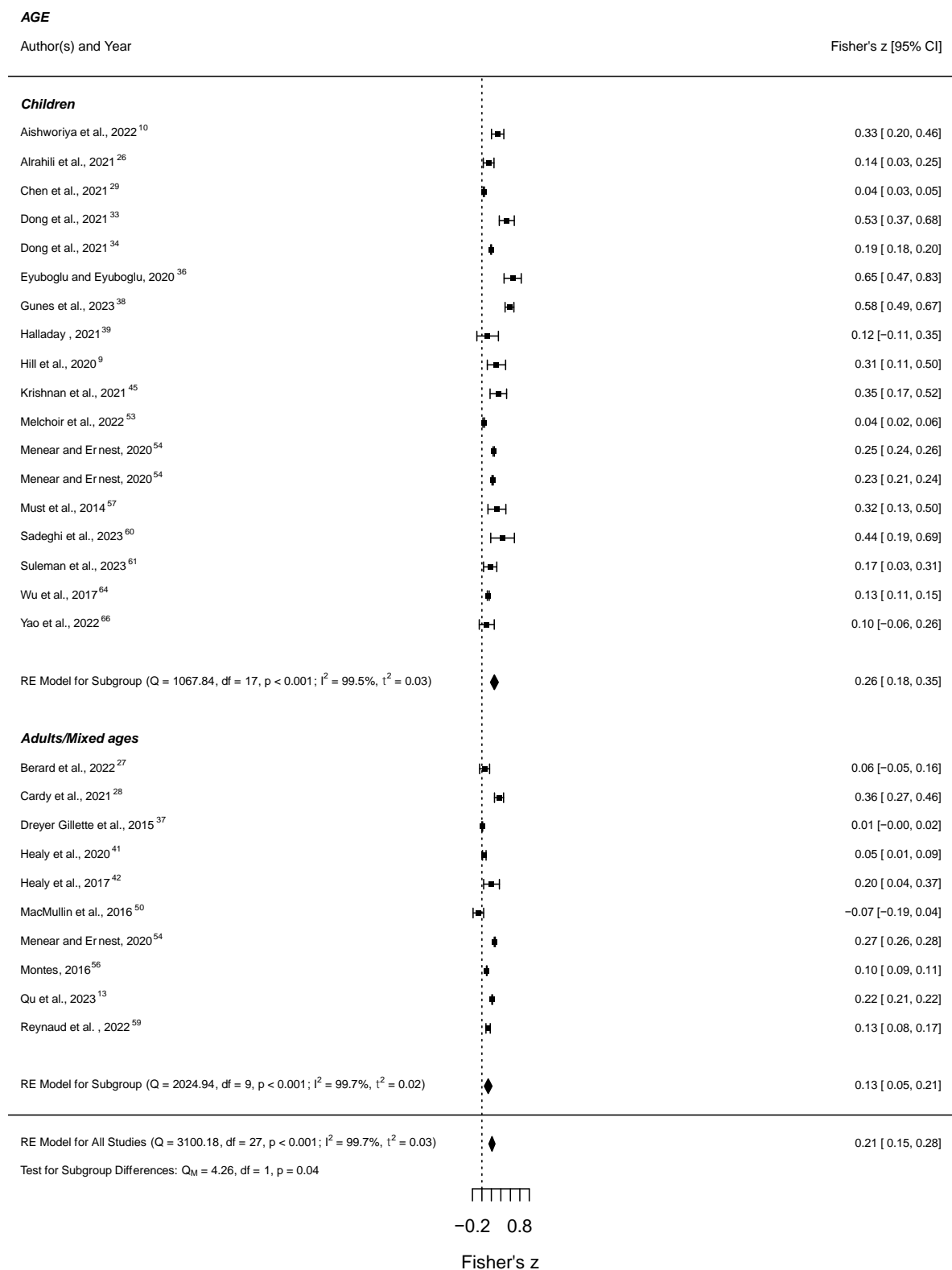
**eFigure 4.** Forest Plot of the 6 Effect Sizes of Longitudinal Studies



**eFigure 5. Forest Plot by Type of Screen of 66 Effect Sizes Using Fisher z Scores**



**eFigure 6.** Forest Plot by Age Groups of the 28 Effect Sizes of General Screen Use Based on Fisher z Scores





**eFigure 7.** Forest Plot by Type of Autism Spectrum Disorder (ASD) Measure of the 28 Effect Sizes of General Screen Use Based on Fisher z Scores

