



Le Cerveau de l'Enfant face aux Ecrans

Servane Mouton, Docteur en médecine, Neurologue

RUNE-Genève, 6 Octobre 2023

RUNE
Genève
rune-geneve.ch

itopie

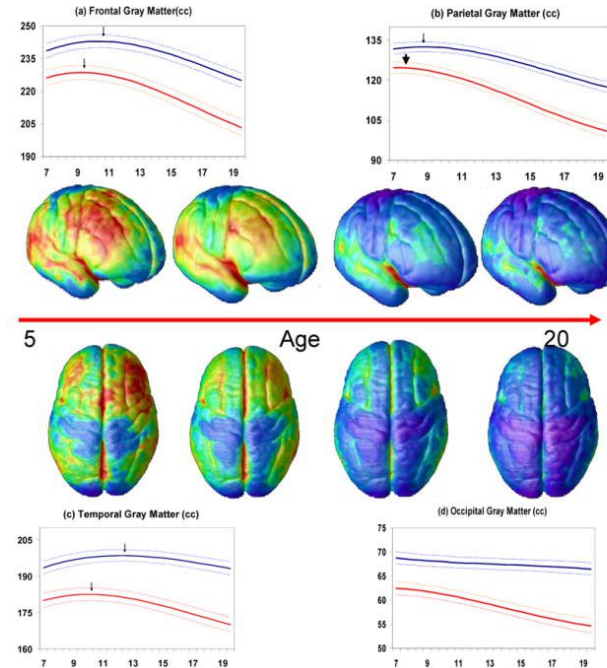
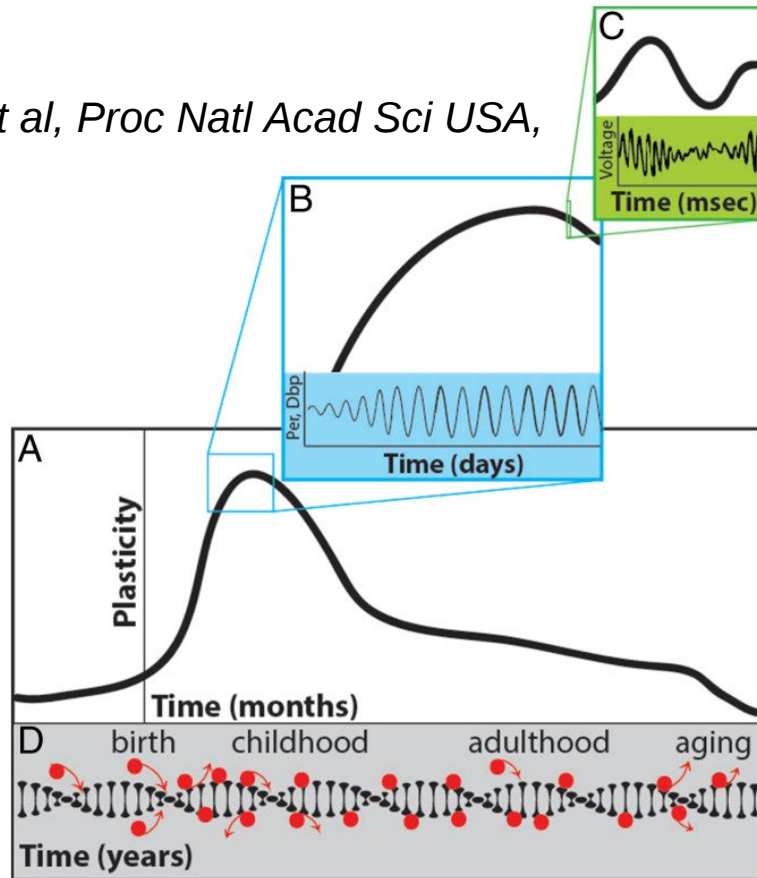
h e p i a

Haute école du paysage, d'ingénierie
et d'architecture de Genève

Hes·SO GENÈVE
Haute Ecole Spécialisée
de Suisse occidentale

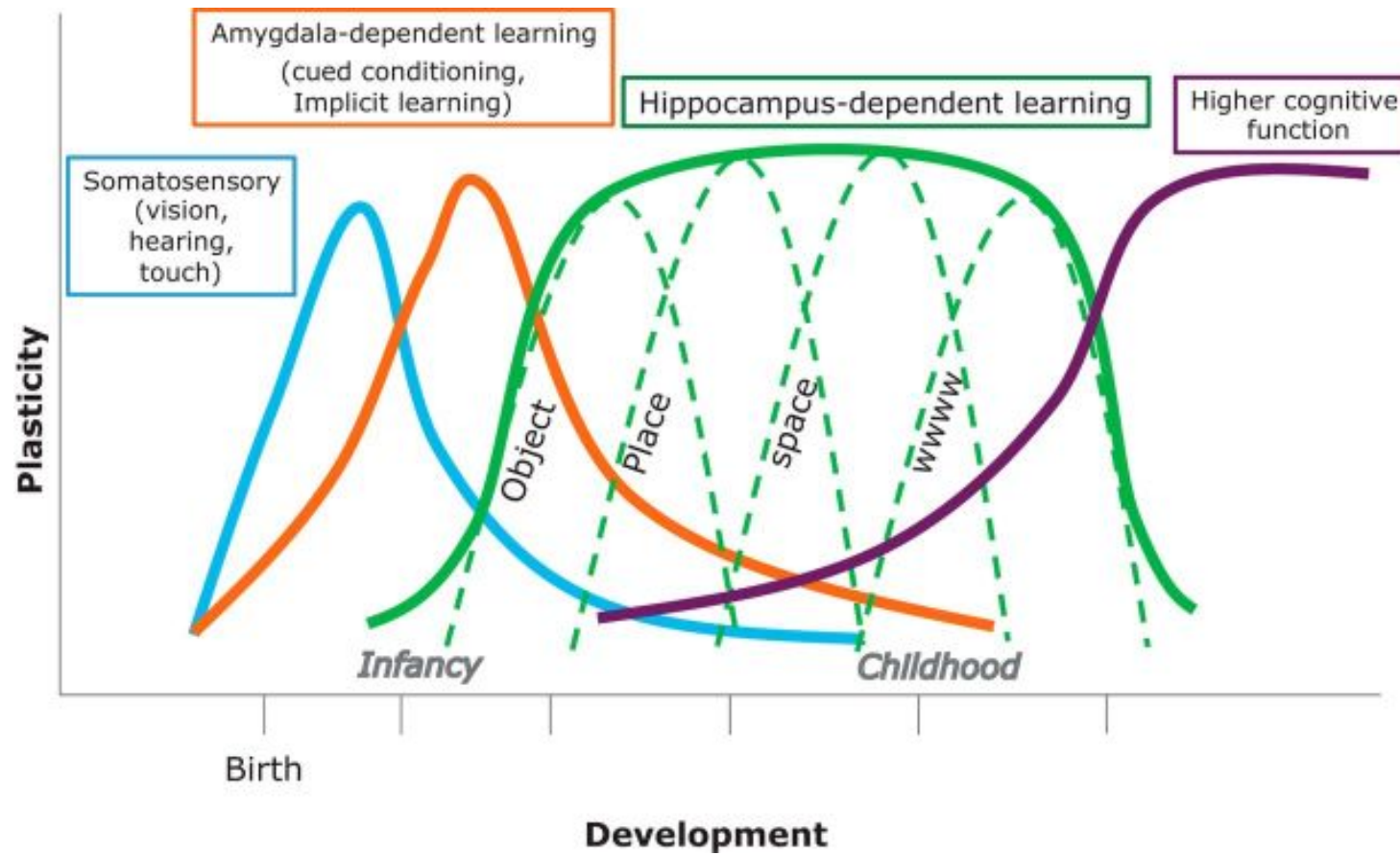
Plasticité cérébrale

Reh RK et al, Proc Natl Acad Sci USA, 2020



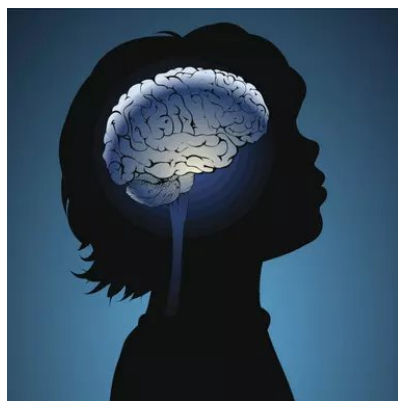
Gogtay N et Thompson PM, Brain Cogn, 2010

Périodes critiques



Alberini et Travaglia, 2017 J Neuroscience

Des éléphants dans un magasin de porcelaine

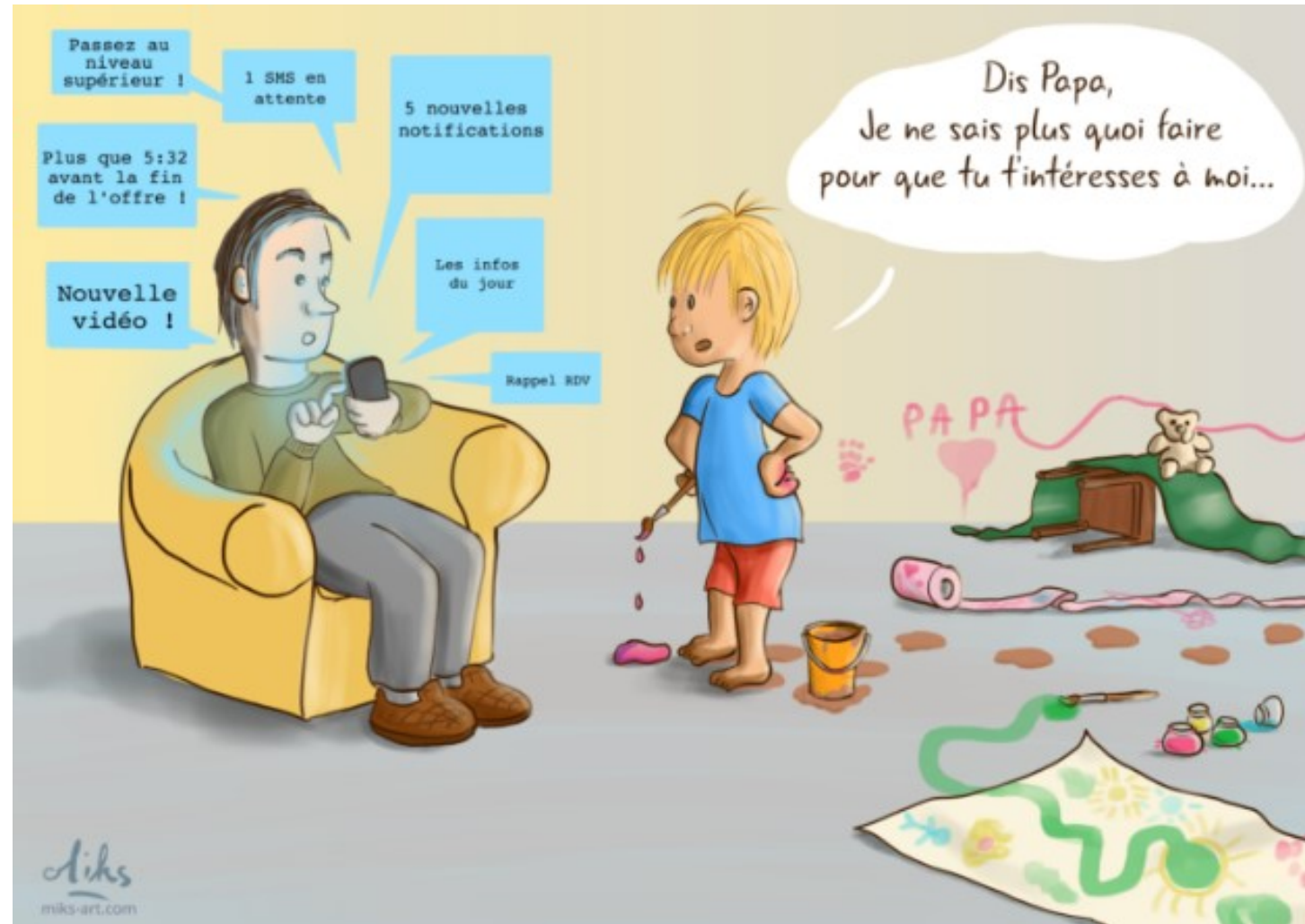


+

=



Technoferences



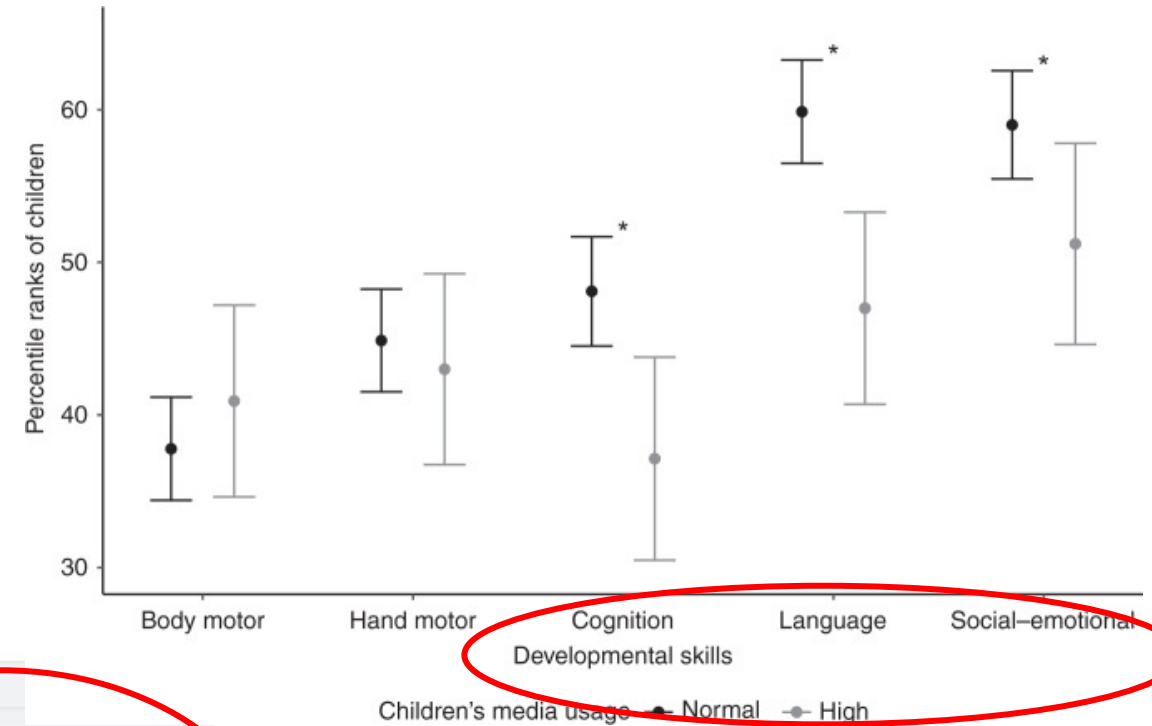
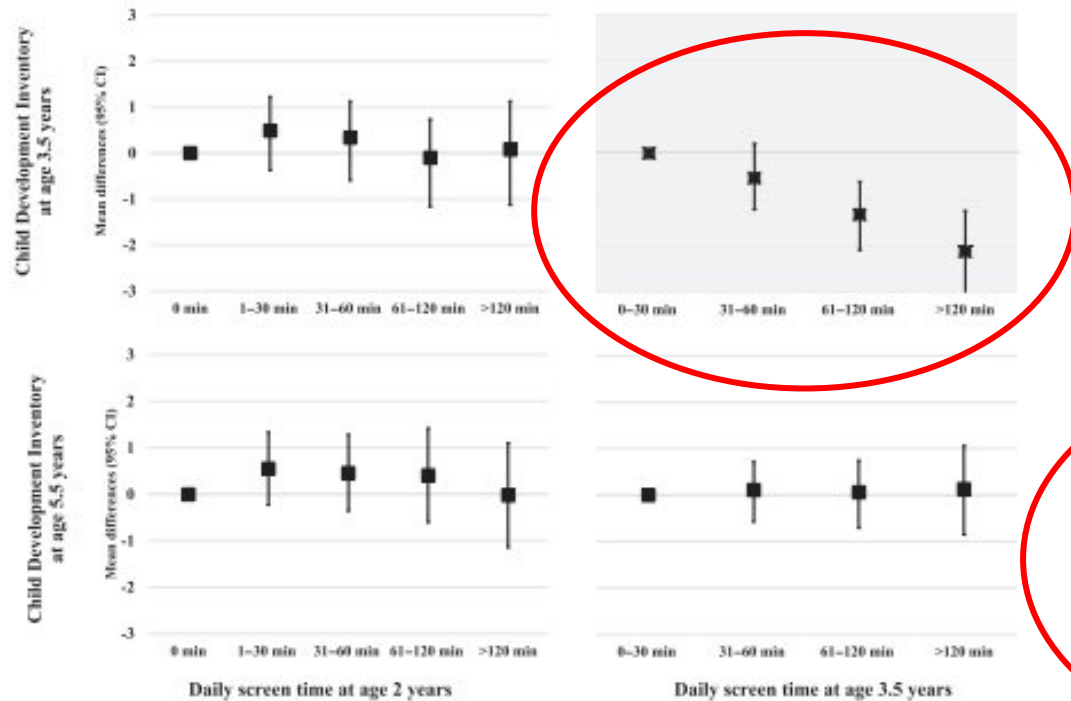
Daniels et Radesky, 2018, *Pediatr Res*
Corkin et al, 2021, *Infant Behav Dev*

Illustration: Miks

Cognition globale

Schwarzer et al. 2022, *Pediatr Res*

Yang et al. 2023, *J Child Psychol Psychiatry*.



Capacités attentionnelles

The Immediate Impact of Different Types of Television on Young Children's Executive Function

Angeline S. Lillard and Jennifer Peterson

Pediatrics; originally published online September 12, 2011;

DOI: 10.1542/peds.2010-1919



RESEARCH ARTICLE

Answering the missed call: Initial exploration of cognitive and electrophysiological changes associated with smartphone use and abuse

Aviad Hadar*, Itay Hadas, Avi Lazarovits, Uri Alyagon, Daniel Eliraz, Abraham Zangen*

Department of Life Science and the Zlotowski Centre for Neuroscience, Ben-Gurion University, Beer-Sheva, Israel

IPNAS

Screen media use and ADHD-related behaviors: Four decades of research

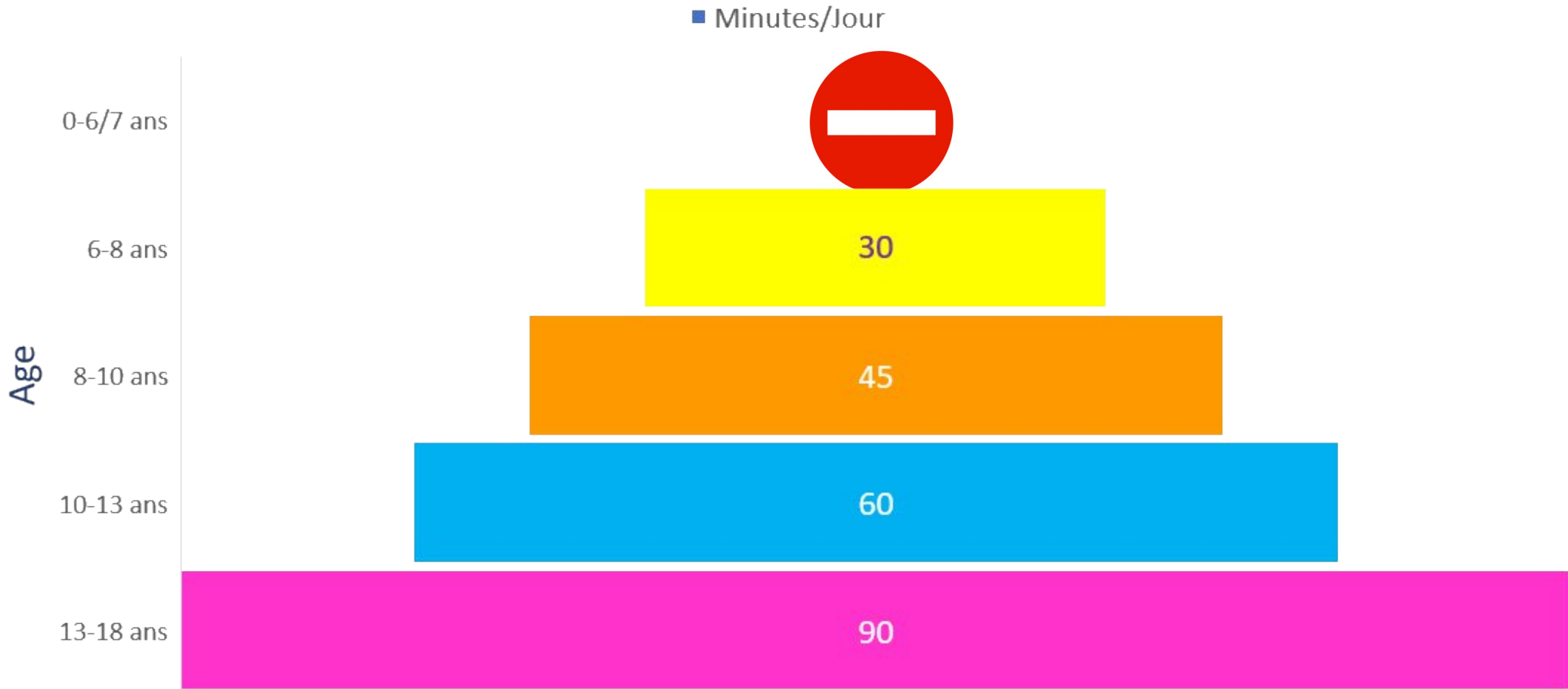
Ine Beyens^{a,1}, Patti M. Valkenburg^a, and Jessica Taylor Piotrowski^a

^aAmsterdam School of Communication Research, University of Amsterdam, 1001 NG Amsterdam, The Netherlands

Edited by David E. Meyer, University of Michigan, Ann Arbor, MI, and approved September 5, 2017 (received for review September 15, 2016)

The diagnosis of attention-deficit/hyperactivity disorder (ADHD) among children and adolescents has increased considerably over the past few decades. **Screen Media Use and ADHD-Related Behaviors: Is There a Link?**

Temps d'écrans: nos recommandations



Et...L'usage récréatif des écrans N'EST PAS une activité obligatoirement quotidienne!

Les 4 PAS



S Duflo