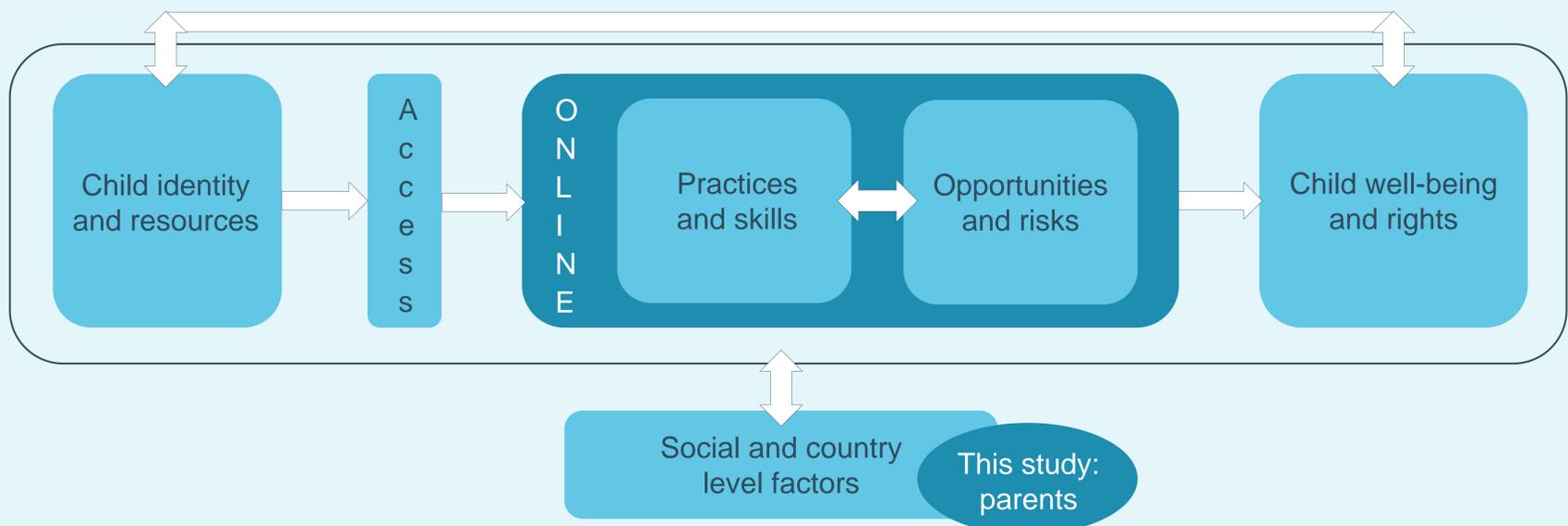


Determinants of Flemish teens' internet skill levels

Background

The EU Kids Online revised model of children's outcomes of Internet use (Livingstone, Mascheroni, & Staksrud, 2018).



Research questions

- RQ1: **Demographic determinants** of teen's internet skill levels?
- RQ2: Associations between **internet access and use** and teens' internet skill levels?
 - H1: Access positively associated with skill levels.
 - H2: Use positively associated with skill levels.
- RQ3: Associations between types of **parental mediation** and teens' internet skill levels?
- RQ4: Risk, resilience and enhancing factors of teens' physical and mental **well-being**?
 - RQ4.1 Association between skills and well-being?
 - RQ4.2 **Exposure to online risks** as mediator or moderator between skills and well-being?

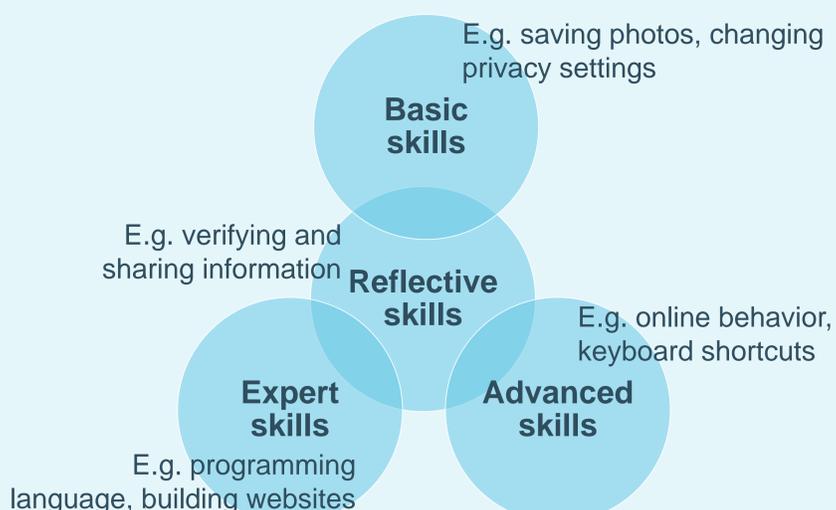
Methods

- Participants (n = 1436)
 - Age: M = 16.11
 - 49% girls, 47% boys
- Data collection
 - EU Kids Online school survey
 - 14 schools between March and November 2018
- Multivariate regression analysis (SPSS)

Results

- RQ1** **Age** is positively associated with basic skills ($\beta = .096$, $p < .01$), and negatively with expert skills ($\beta = -.096$, $p < .01$).
Gender is negatively associated with basic ($\beta = -.129$, $p < .001$), expert ($\beta = -.193$, $p < .001$) and reflective skills ($\beta = -.097$, $p < .01$).
- RQ2** **H1 is partially supported.** Access is positively associated with basic ($\beta = .138$, $p < .001$) and reflective skills ($\beta = .120$, $p < .01$).
H2 is partially supported. Use is positively associated with basic ($\beta = .122$, $p < .001$), advanced ($\beta = .072$, $p < .05$), and expert skills ($\beta = .188$, $p < .001$).
- RQ3** No significant associations between parental mediation and teens' skill levels.
- RQ4** No significant predictors for physical well-being. **Age** ($\beta = -.097$, $p < .05$), **gender** ($\beta = -.152$, $p < .001$), and **internet use** ($\beta = -.170$, $p < .001$) are negatively associated with mental well-being.
Interactive parental mediation ($\beta = .168$, $p < .01$) is positively associated with mental well-being.
- RQ4.1** Digital skills are not directly associated with physical or mental well-being.
- RQ4.2** Association between **basic** ($\beta = .084$, $p < .05$), **expert** ($\beta = .086$, $p < .05$), and **reflective skills** ($\beta = .079$, $p < .05$) and mental well-being becomes significant when **exposure to risks** is added.

Internet skills



Teens view their internet skills in terms of their **difficulty**. Reflective skills are relevant on each level.

More information?

- ✉ joyce.vissenberg@kuleuven.be
- ✉ maries.debrael@kuleuven.be
- ✉ leen.dhaenens@kuleuven.be

