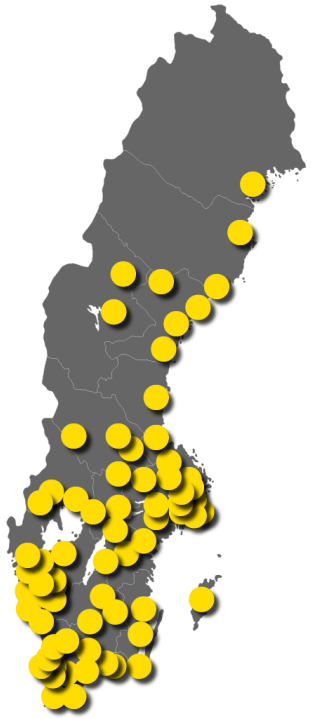
NYHETSVÄRDERAREN

THE NEWS EVALUATOR



RI.SE

UPPSALA UNIVERSITET

Vetenskap & Allmänhet

VINNOVA

THE NEWS EVALUATOR
DESIGN ITERATION 1

Primary purpose
Investigate credibility of teenagers news feeds

Findings
Teenagers in Sweden read and share primarily credible news from established news media

Secondary purpose
User evaluation of digital tool for evaluating news feeds

Findings
News behind paywalls add to a socio-economic access divide

THE NEWS EVALUATOR
DESIGN ITERATION 2

Primary purpose
Investigate teenagers and adults digital source critical skills and attitudes

Secondary purpose
Develop and test assesment of digital source criticism

Predictors for good performance:
i) rate access to credible news very high
ii) higher education 3 yrs university
iii) humanities & arts
iiii) middle age (30-65)

Predictors for poor performance:
i) high self-rated internet search ability
ii) see online information as quite credible

THE NEWS EVALUATOR
DESIGN ITERATION 3

Primary purpose
Investigate impact of evaluating personal news feeds

Findings
Impact on attitudes not skills

Secondary purpose
Investigate usefulness before elections

Findings
News outside of filter bubbles

Findings
Students with different education and knowledge have diverse skills

THE NEWS EVALUATOR
DESIGN ITERATION 4

Goal
Create tools and test interventions to support fact-checking

Current
Prototyping individual digital self-test and feedback system

Current
Lab tests and tests in classrooms

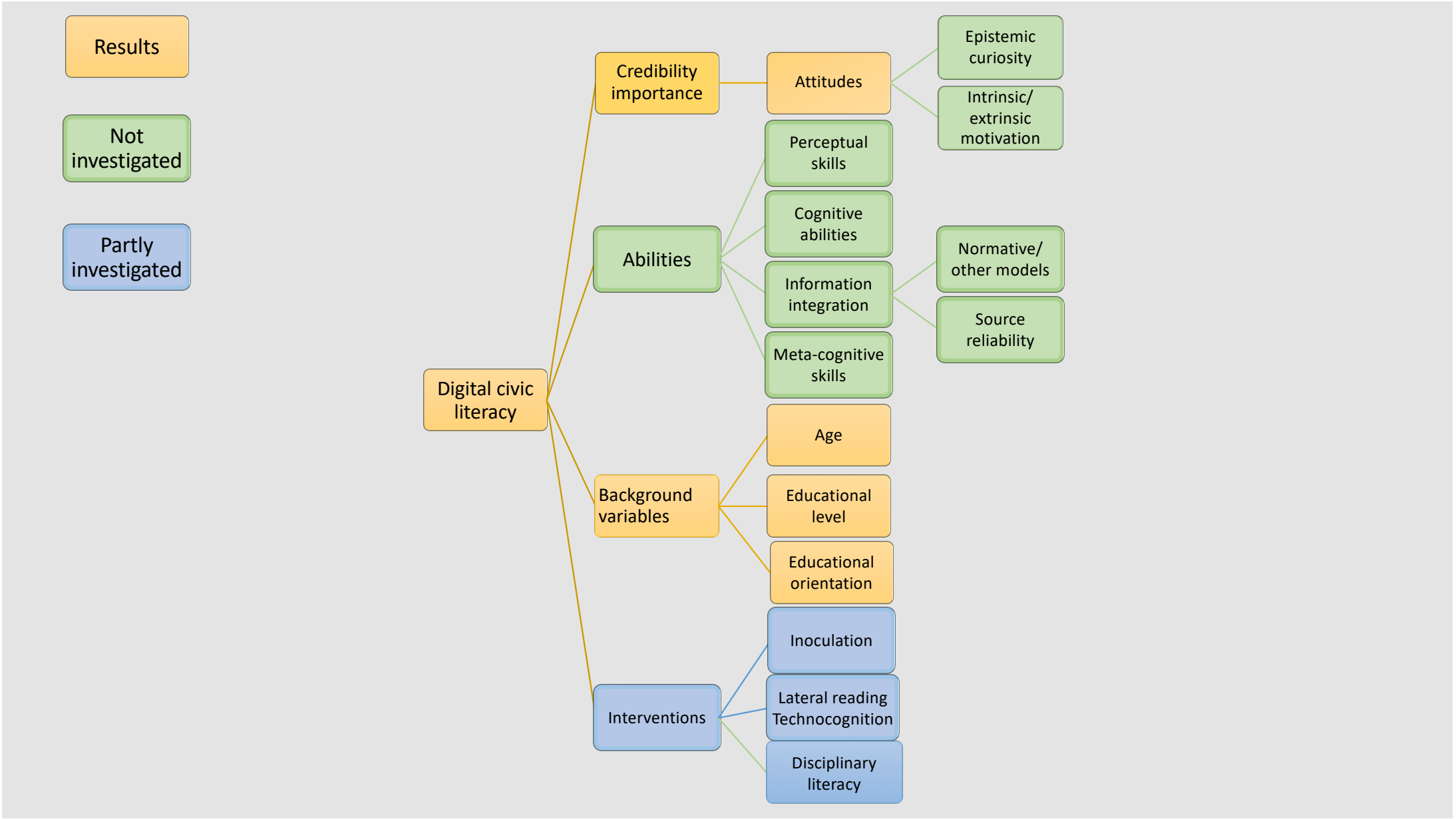
Lateral reading?

Debunk deep fake?

THE NEWS EVALUATOR
DESIGN ITERATION 5

Primary purpose
Launch an evidence based tool for education for all

Challenge
Sustainable financing


Results
Not investigated
Partly investigated
Digital civic literacy
Credibility importance
Attitudes
Epistemic curiosity
Intrinsic/ extrinsic motivation
Abilities
Perceptual skills
Cognitive abilities
Information integration
Normative/ other models
Source reliability
Meta-cognitive skills
Background variables
Age
Educational level
Educational orientation
Interventions
Inoculation
Lateral reading Technocognition
Disciplinary literacy

Call for research

Interdisciplinary and mixed methods to produce measurable and context-dependent results

Evidence-based education design to counter disinformation: general & subject specific

Identify factors that make some people more sensitive, and competent e.g. socio-economics, age etc.

Tailor-made educational programs for diverse groups based on context and prior knowledge, e.g. older, confident young, poor, healthcare professionals, technicians

AI as a means and antidote

- Cognitive and perceptual abilities for identifying deep fakes
- Subject-specific knowledge
- AI as tool to identify deep fakes and support for techno cognition

Credibility importance in relation to education, media habits, humility and curiosity

Examine the relationship between classic *bildung* and digital literacy in relation to disinformation

Examine the impact of new types of public communication, e.g. interventions, online games and self-testing

Information habits across digital borders - not just one platform at a time