Cyber Crime Offender Profiling (CyberCOP) the human factor examined

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Today

- Introduction
  - Definition
  - Literature
- Demographics
- Education / socioeconomic status
- Self-control
- Deterrence
- Discussion
Introduction

• Cyber crime narrowly defined:
  “Criminal behavior that could not be committed without the use of ICT”
  “Strafbare gedragingen die niet zonder tussenkomst of gebruik van ICT gepleegd zouden kunnen worden”
  (Nationaal Cyber Security Centrum, 2012)

• Empirical literature
  – Definition
  – Only descriptive, no comparisons
  – Sampling

• Discussion!
Demographics

The “offline” criminal
- Male
  - Very high proportion
- Age-crime-curve
  - Peak late adolescence/early adulthood
  - Gradual decline after
- Higher proportion of non-Dutch origin

The cyber criminal
- “mostly” male
  - Increasingly female
- Undefined age-crime-curve
  - Start young(er)
  - More life-course-persistant
  - On average older
- More “whites”, Asians, eastern-Europeans, or comparable?
Education / SES

The “offline” criminal

- Low education / IQ
- Low socioeconomic status (SES)

The cyber criminal

- Higher education
- Higher IQ
- More average SES
  - Live at parents, students
Self-control

The “offline” criminal
- Low self-control
  - Immediate benefits
  - Long-term costs

The cyber criminal
- Broad definition:
  - Hedonistic morality
  - Low self-control
- Narrow definition:
  - Self-learned: higher
  - Learned from peers: low
Deterrence

The “offline” criminal
- No trade off between costs and benefits
- No effect of punishment severity
- Risk of being caught

The cyber criminal
- More planning
- Minimize risk
- Risk of being caught is low
Discussion

• In practice

• How do you think we can give cyber criminals an incentive to use their skills in a legitimate instead of an illegitimate way?

• Any questions?
Thank you for your attention!

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References


