



Skills, AI and algorithmic management

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CVET happens **informally** at work

* Channels of **skill formation**, adult EU workers

69%

Interacting with colleagues at work

63%

Attending non-formal training courses

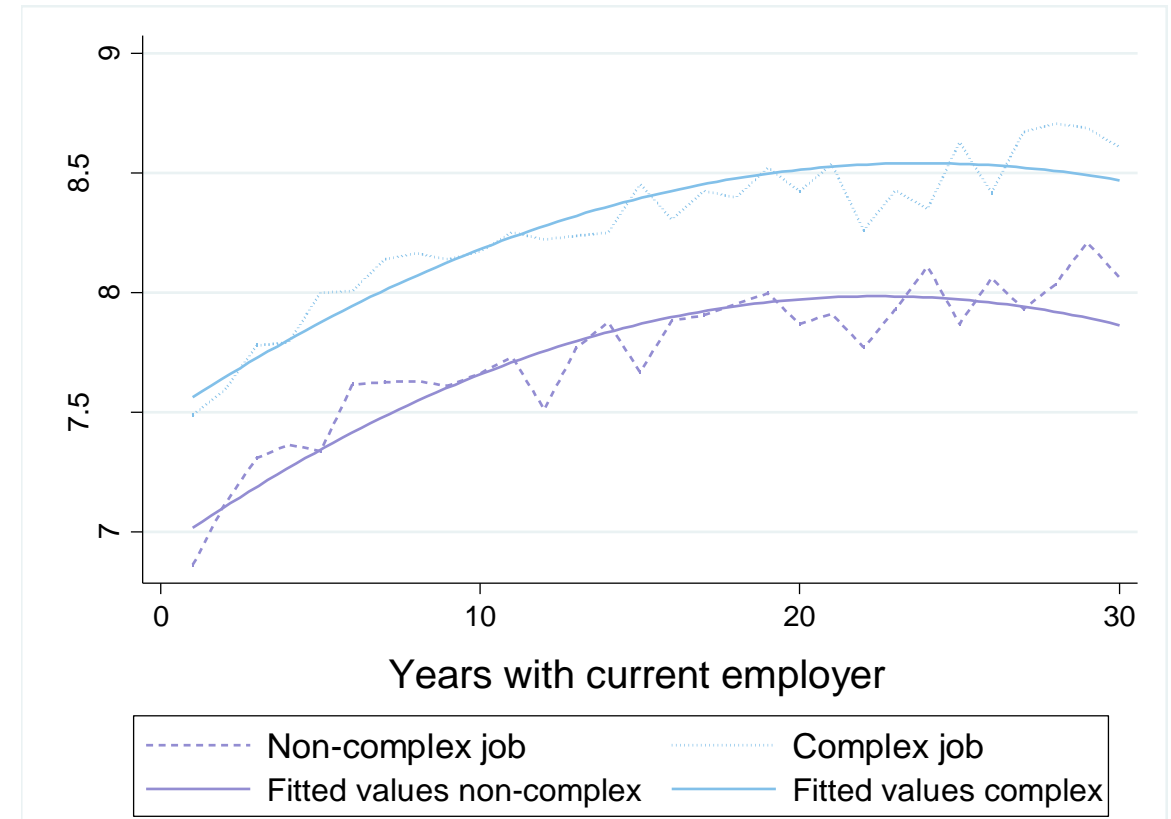
59%

Learn by trial and error

Source: Cedefop 1st European skills and jobs survey (2014)

...but a large share of EU jobs have low job-skill requirements

Mean skill growth by tenure and job complexity



Bundling workplace practices drives workplace learning...

9%

EU firms that offer comprehensive training and learning opportunities

20%

Bundle workplace practices that offer

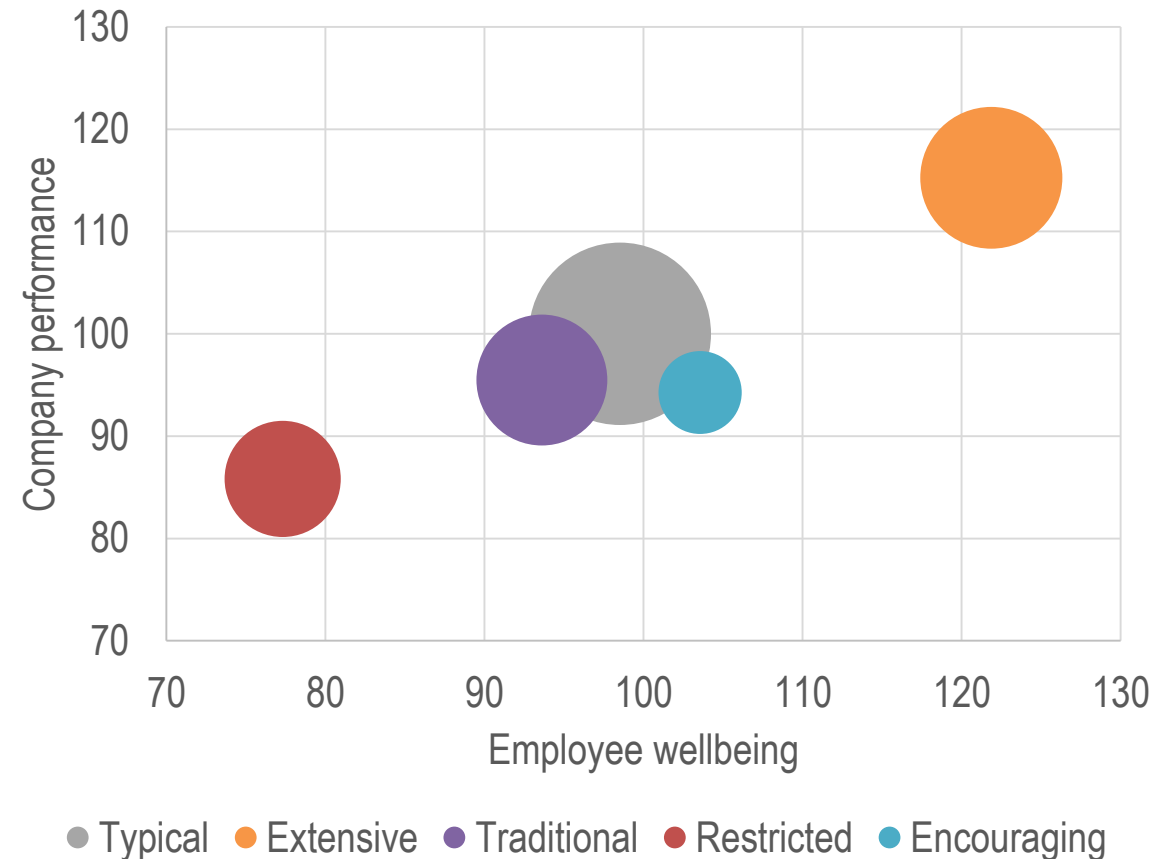
Job autonomy

Employee voice

Learning opportunities

Source: Cedefop / Eurofound 4th European Company Survey (2019)

...and extensive learning fosters higher employee wellbeing and company performance



Skill development in the platform economy

Algorithmic management and the future of skills formation and matching?

- Algorithmic vetting
- Algorithmic ranking (prioritisation for tasks/rewards/punishment)
- Personalised and quick (algorithmically determined) learning
- Client feedback/ratings
- Limited portability due to algorithmic non-transparency

Source: Cedefop CrowdLearn studies

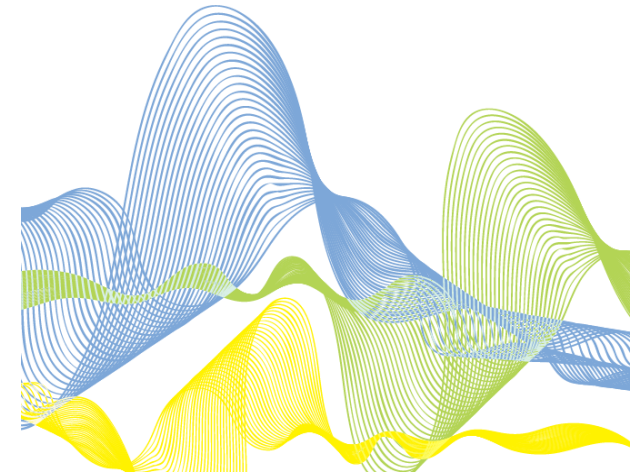


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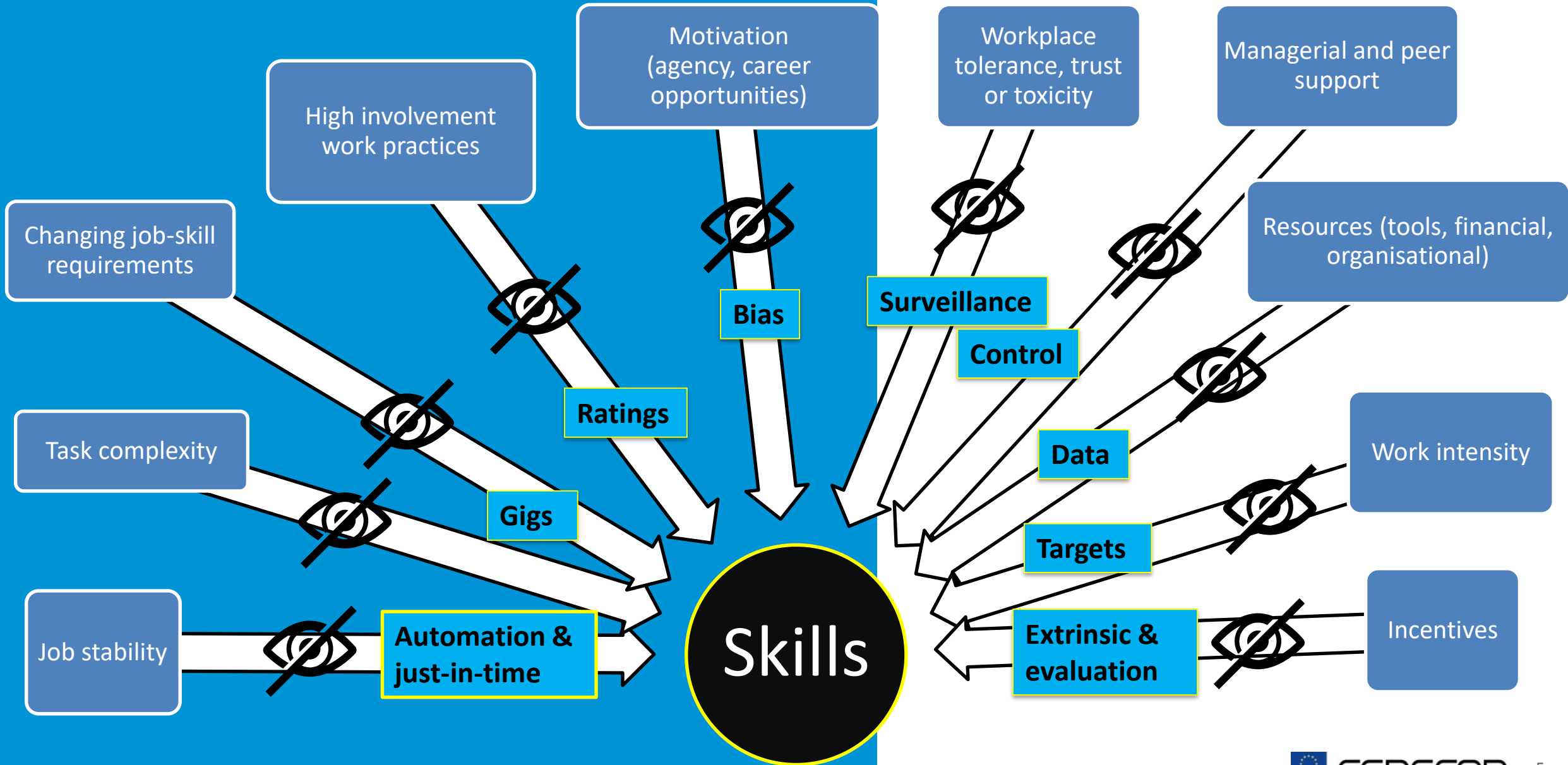
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Developing and matching skills in the online platform economy

Findings on new forms of digital work and learning from Cedefop's CrowdLearn study



Skills vs. algorithms?



Thank you



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