

# Panel discussion : AI, skills, and the labour market

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# Europe-wide surveys

## European Company Surveys (ECS)

The ECS gives an overview of workplace practices in European establishments. The survey targets both managers and employee representatives.

[2019](#)[2013](#)[2009](#)[2004-2005](#)[Learn more](#)[Data visualisation](#)

## European Quality of Life Surveys (EQLS)

The EQLS provides a comprehensive portrait of living conditions in European countries. It contains a broad range of indicators on different dimensions of quality of life, both objective and subjective.

[2016](#)[2012](#)[2007](#)[2003](#)[Learn more](#)[Data visualisation](#)

## European Working Conditions Surveys (EWCS)

The EWCS is the longest running survey and has become an established source of information about working conditions and the quality of work and employment. EWCS 2024 is underway.

[2024](#)[2021](#)[2015](#)[2010](#)[2005](#)[Learn more](#)[Data visualisation](#)

# Working conditions – Digitisation, automation and AI

RESEARCH REPORT



Digital age  
**Automation, digitisation and platforms:**  
Implications for work and employment



RESEARCH REPORT



Anticipating and managing the impact of change  
**Ethical digitalisation at work:**  
From theory to practice



RESEARCH REPORT



Anticipating and managing the impact of change  
**Human-robot interaction:**  
What changes in the workplace?

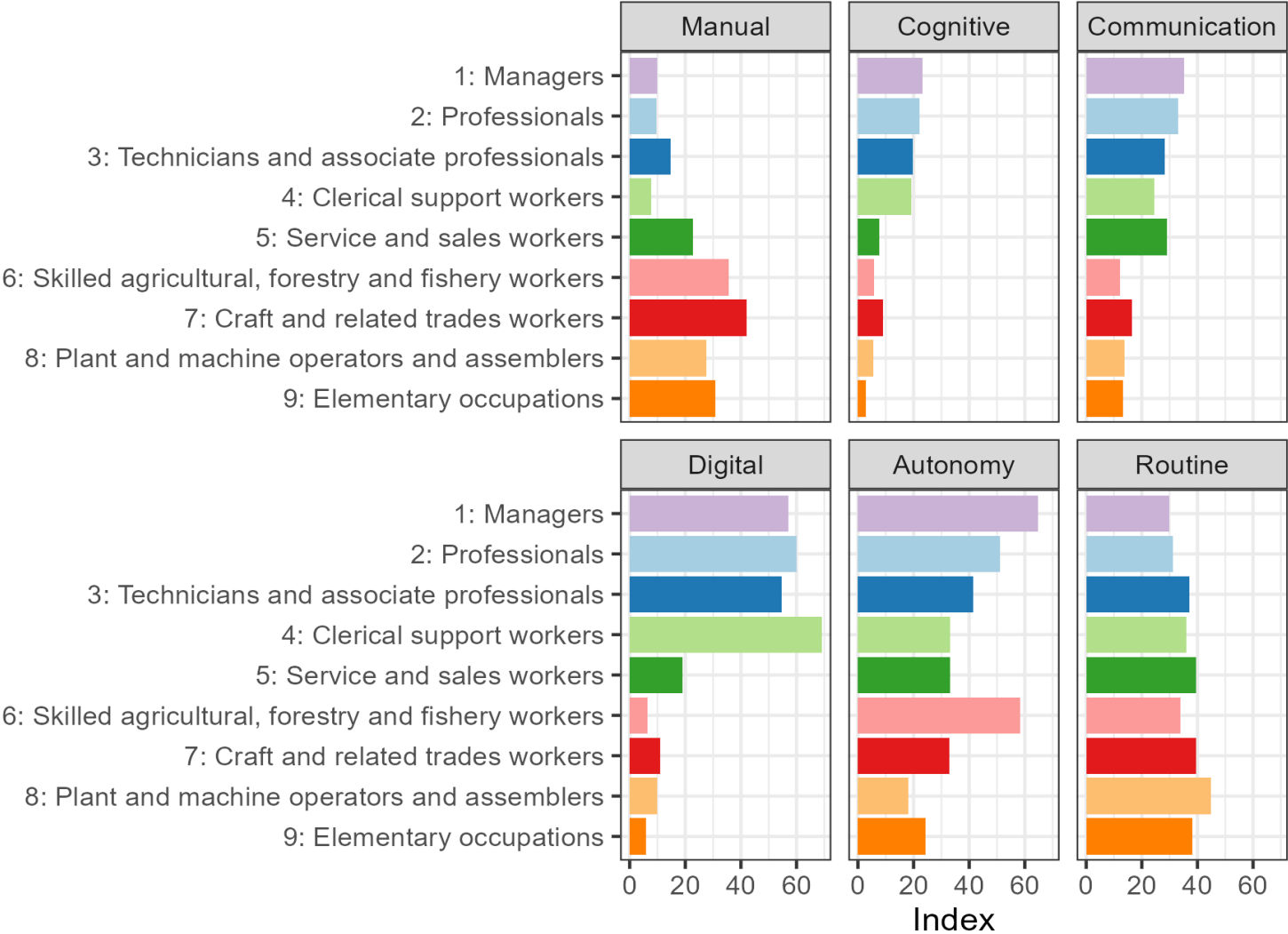


# Job tasks revisited

- How do we know what people do at work?
- Eurofound & JRC research job tasks:
  - task **content** (what you do), **methods** (work organisation), **tools** (digital, mechanical)
- New data: 2022 EU Labour Force Survey module on “job skills” (tasks)
  - Frequency of **manual** tasks (strength, dexterity)
  - Frequency of **cognitive** tasks (reading, calculating)
  - Frequency of **communication** tasks (with people inside and outside the organisation)
  - Frequency of use of **digital devices**
  - Extent of **routine** (**repetitiveness**, **standardisation**)
  - Extent of **autonomy** (**order** and **content** of tasks)
  - EU-27, 450,000 respondents

# Job tasks: variation between occupation and countries

Average task indices for ISCO 1-digit occupations



Task indices vary by **occupation** (by construction), along the ISCO hierarchy, and **sector**

They also vary substantially by demographics:

- Education level
- Income
- Gender

And structural factors:

- Firm size
- Country

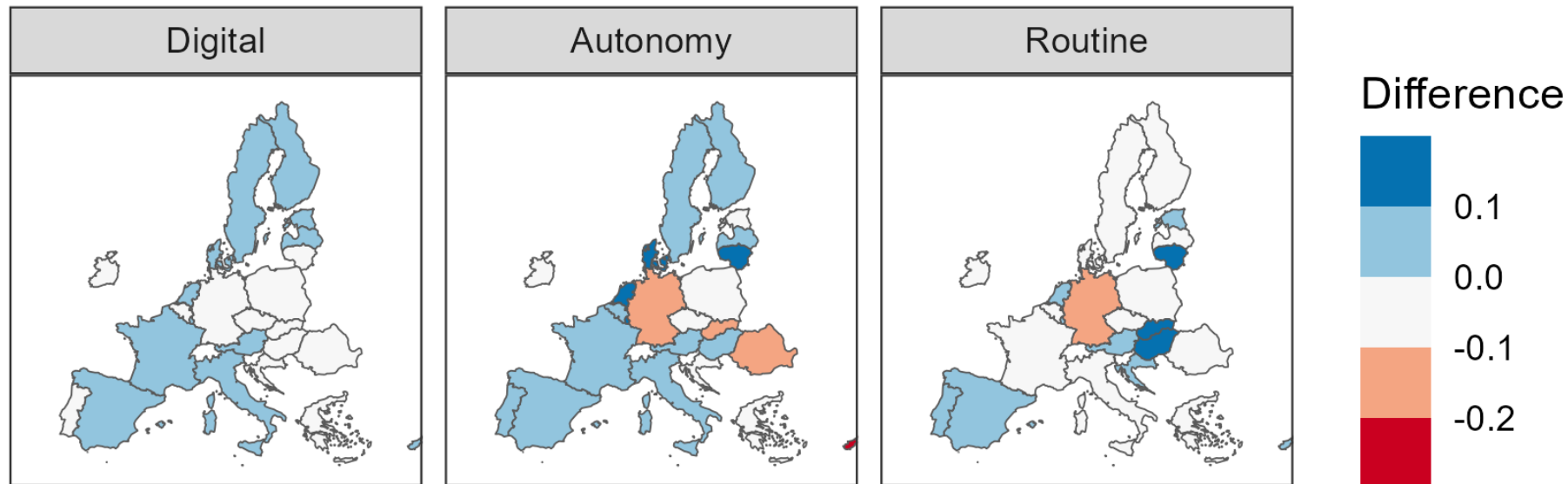
# How different is the same job across countries?

Take same occupations: office clerks (ISCO 411)

- In SE, 94% say that they use **digital devices** “at least half of the time” in job; EL: 61%
- In SE, 55% say that they have “high autonomy” in the **order of tasks**; in EL, 4.2%

How different is the same job across countries?

Task intensity, compared to what national occupational structure would predict





# Forthcoming relevant research at Eurofound

- Forthcoming results from EU Labour Force Survey module on “job skills” (tasks):
  - country variation in task profiles
  - skill utilisation
- Forthcoming results of European Working Conditions Survey 2024 (EWC, results coming 2025H2) include some variables on the **worker exposure to and use of digital and AI tools**.
- On-going survey of **online platform workers** that carry out their tasks online (with European Labour Authority)
- On-going 2025 project ‘AI (and AI-enabling) technologies for work management’
- Pilot project for DG EMPL: ‘Productivity, employment, and wages in the age of AI – methodologies and impacts’

# For more information, data and findings

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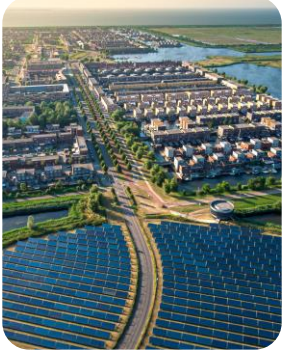
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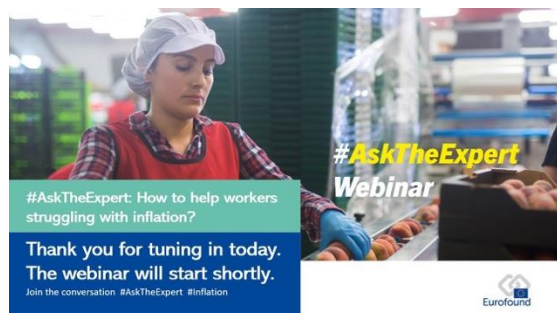
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