Regional opportunities for Industry 4.0

An investment recommender system framework

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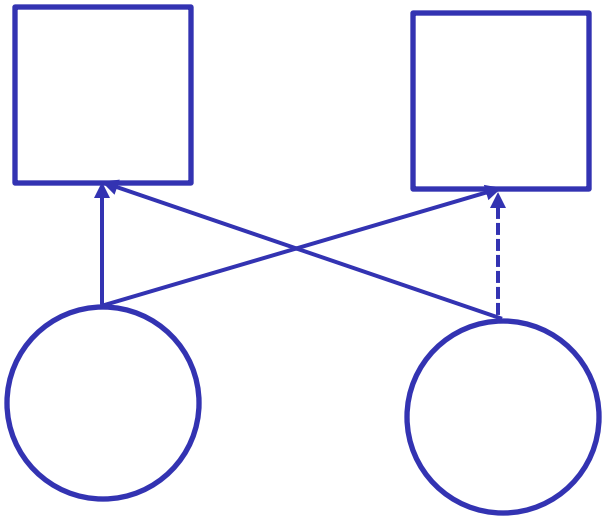
Graph-based ML



Modern AI analyzes the particular way products, songs, or videos are **connected** to each other to make **smart recommendations**.

Why we need IRC for R&I policy

Cities and organizations that bet on the technologies of the future will thrive, the others will decline and be disrupted.

There are too many new technologies and global competitors to intuitively assess what the optimal investment is.

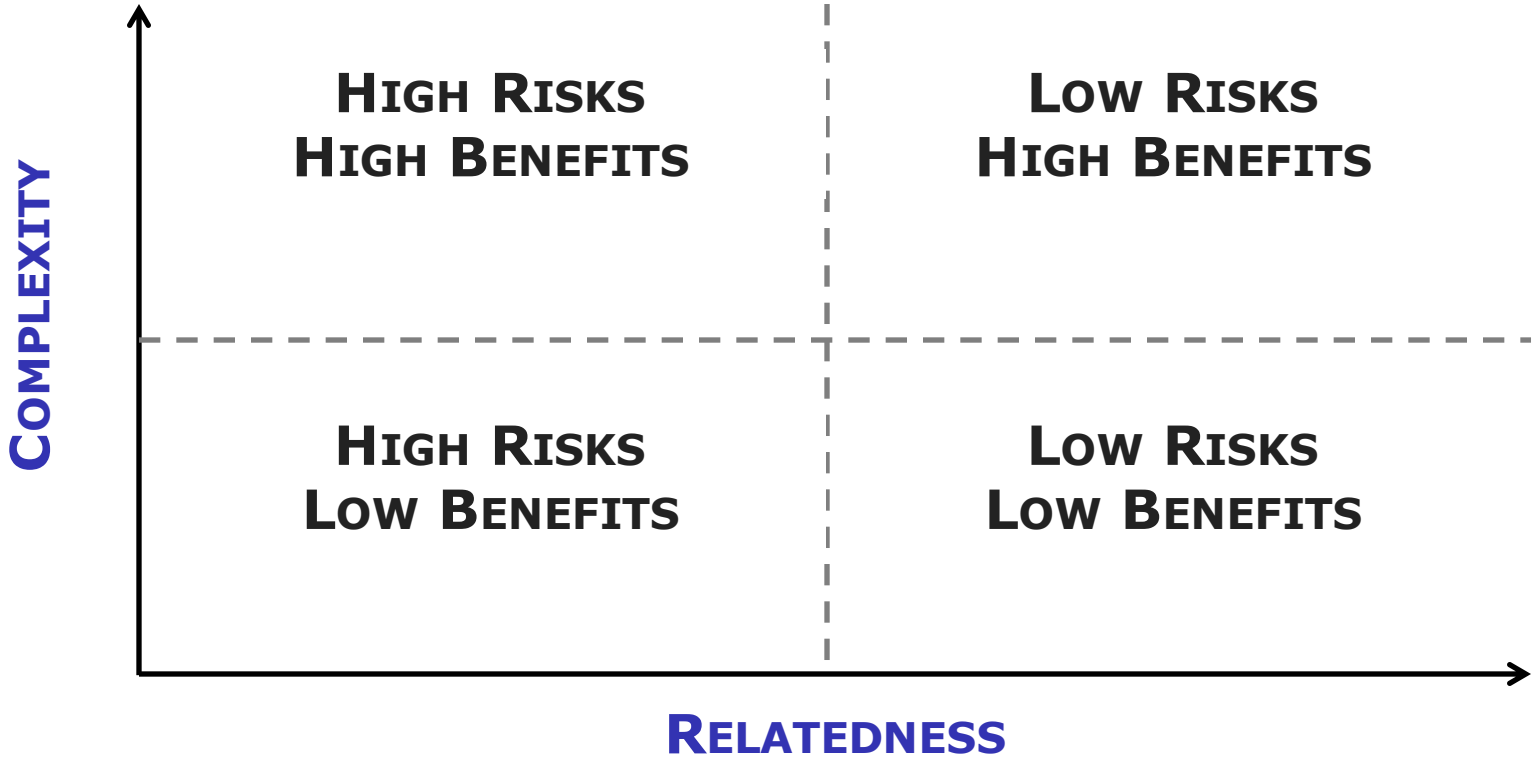
There is no systematic solution for leaders to identify and invest in the technology that holds the most promise for their region or organization.

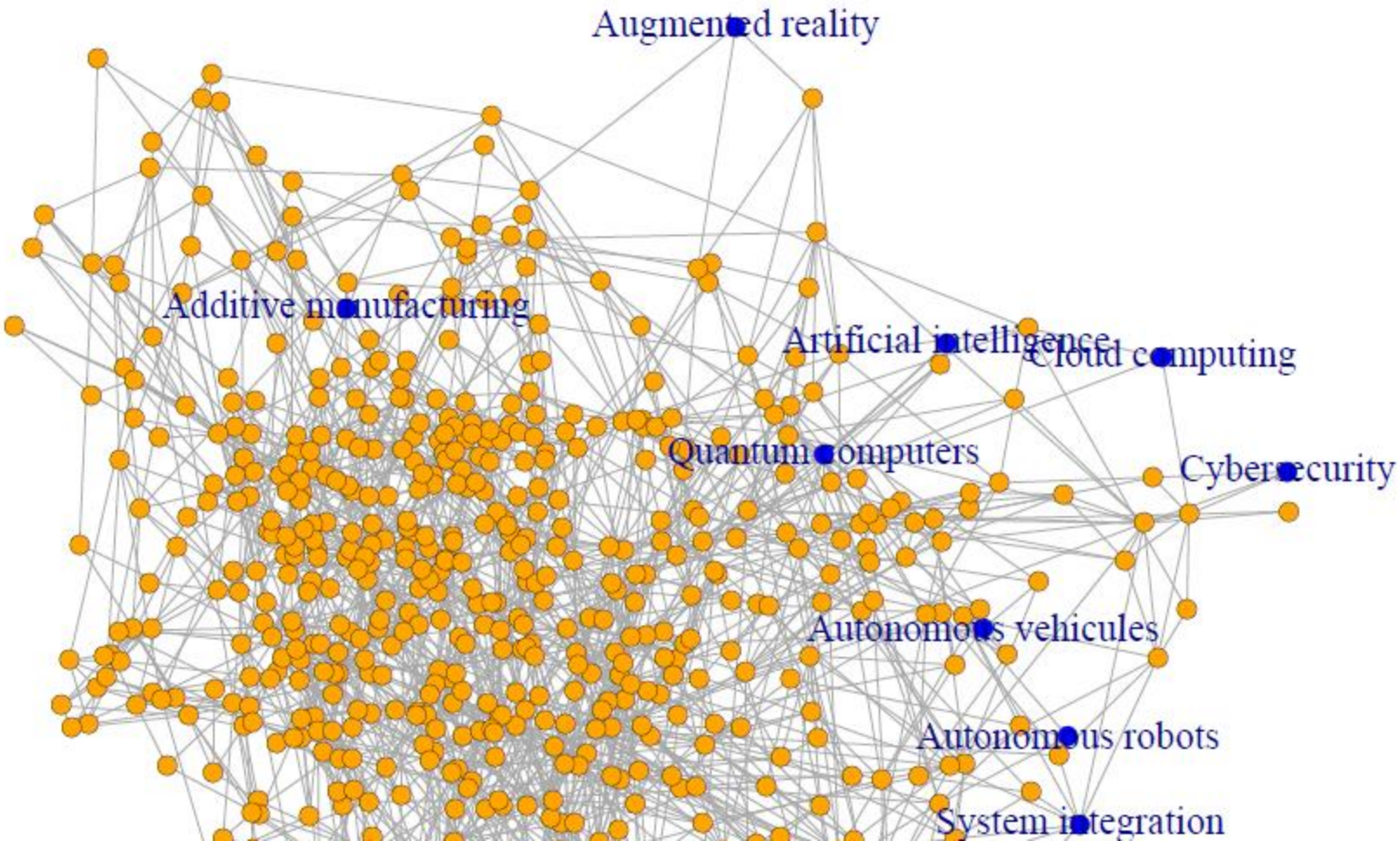
Smart specialization policy in the European Union: relatedness, knowledge complexity and regional diversification

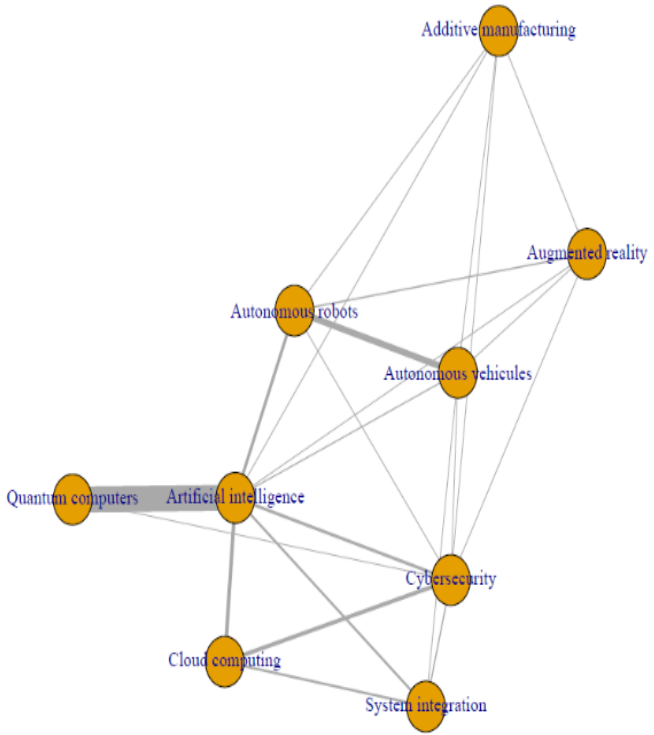
Pierre-Alexandre Balland, Ron Boschma, Joan Crespo & David L. Rigby

Regional STUDIES

We evaluate the plan in terms of **compatibility** with the regional ecosystem and **complexity**




Augmented reality
Additive manufacturing
Artificial intelligence
Cloud computing
Quantum computers
Cybersecurity
Autonomous vehicules
Autonomous robots
System integration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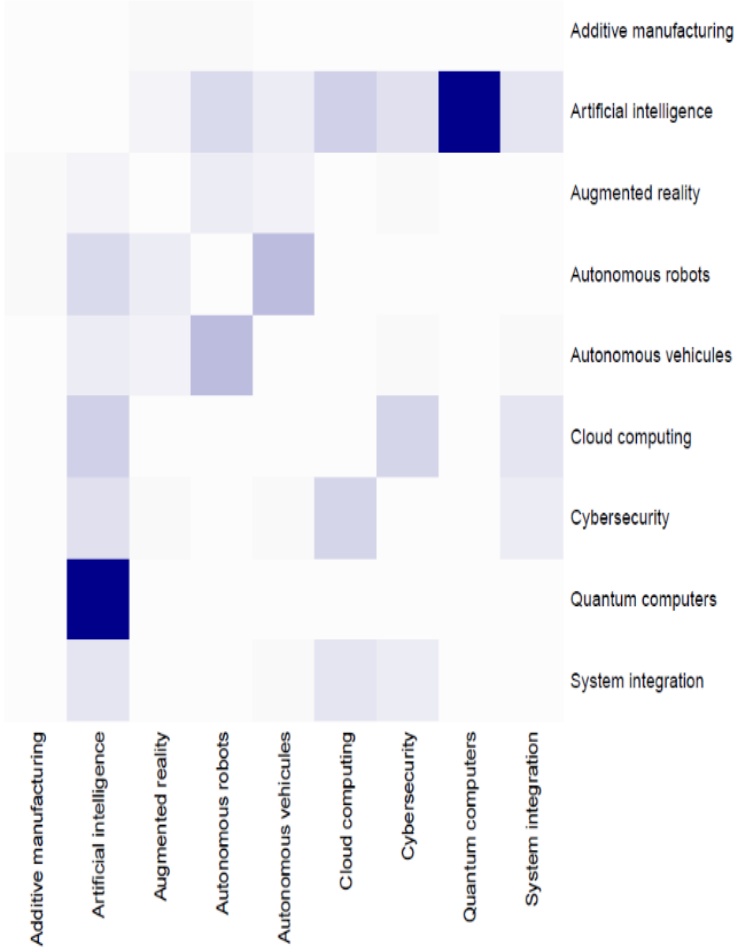
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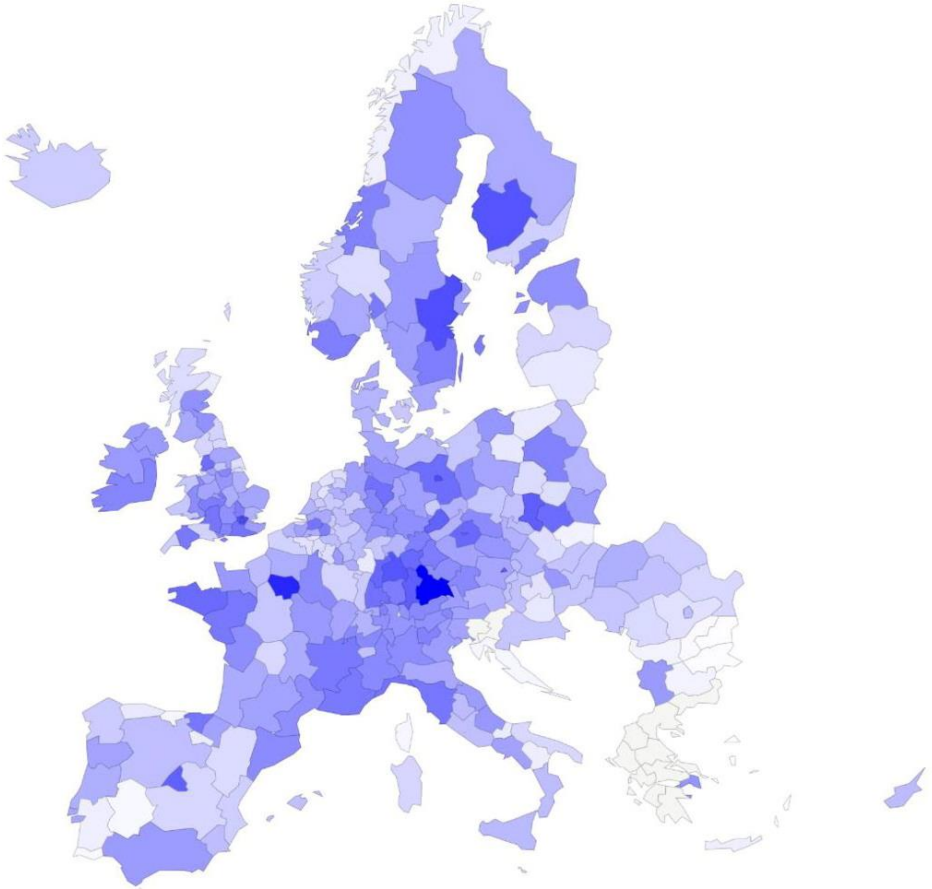
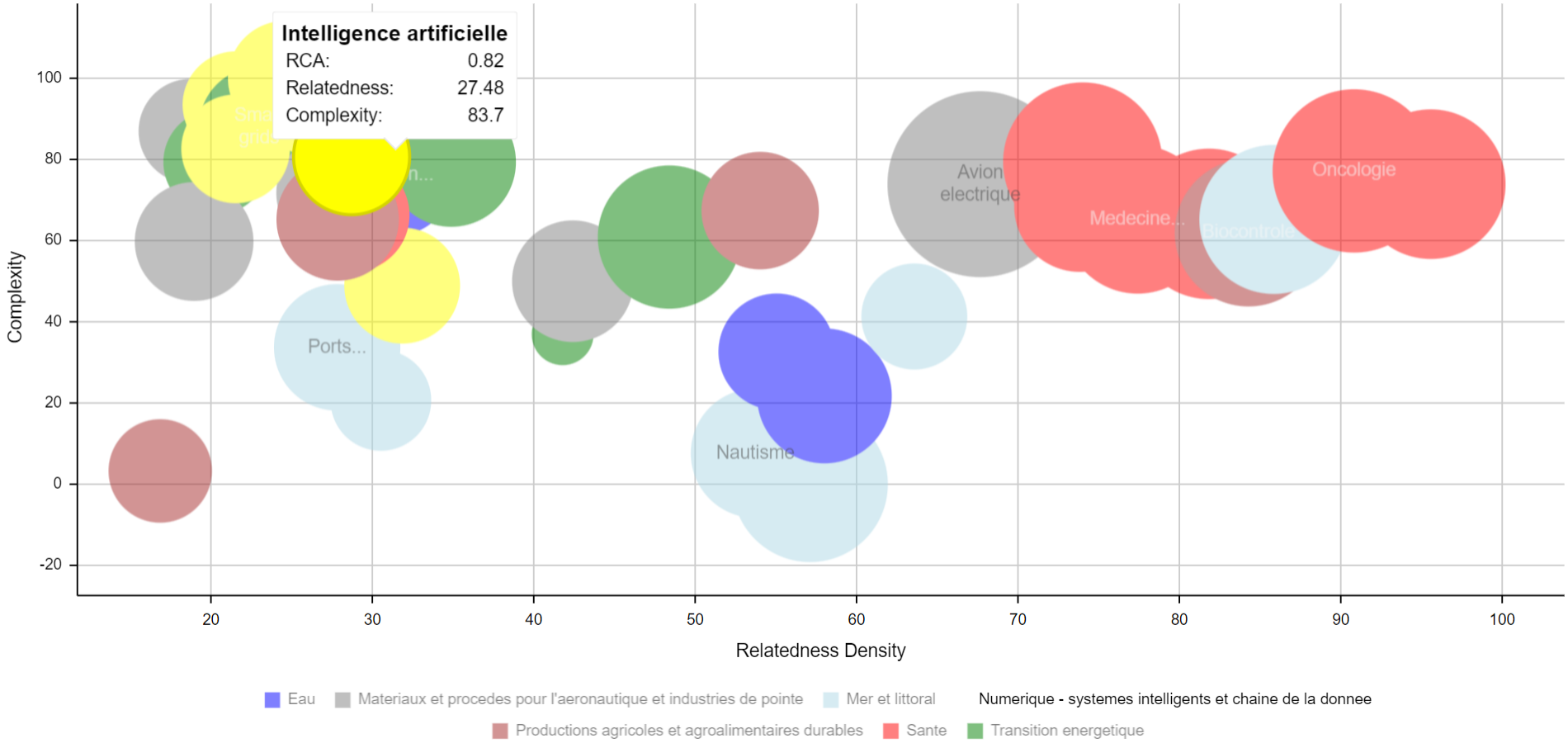
Relatedness density in Industry 4.0 technology



AI opportunity in a EU region



Merci!

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