

Chances & risks of data-driven decision making for labour market policy

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Digital Transformation
National Research Programme

General Goal

Assess performance of causal machine learning for decision making in economic policy

Application

Personalized assignment of unemployed to different programs of Swiss ALMP

3 phases (theory & empirical work):

- (i) Estimate individualized effects of different programs (UE's perspective)
- (ii) Optimal allocation: Simulations of different schemes on Swiss data (policy maker's perspective)
- (iii) Implementation in practice (caseworker's perspective)

Current Stage of the Project

- Waiting for the data (still)
 - Should receive it in the next weeks (after long delays)
- Development of methodology continues
- Considerable coding advances

Stakeholder Connections

- Current: SECO (Data & implementation)
- Desired: Later on in other applied fields

Expected stakeholder relevant outcomes

- Improved allocation of active labour market policies measure to specific unemployed