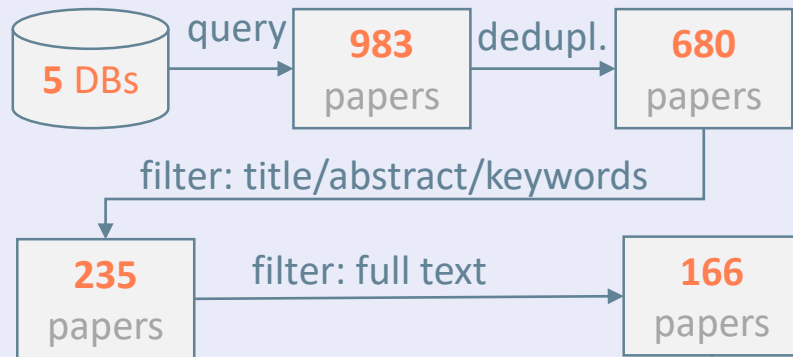


Finding papers on personalization + RL



Data extraction

Setting

explicit – implicit feedback
safety & privacy concerns
model & data availability

Solution

algorithm
no. of learners
user data in state – elsewhere
simulation – static data – online

Evaluation

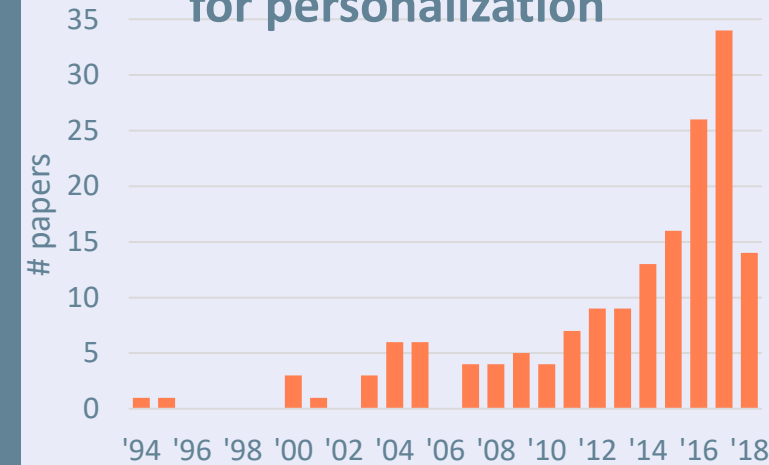
simulation – static data – online
comparison
with non-RL approach?
with no personalization?

How Reinforcement Learning is increasingly used for personalization

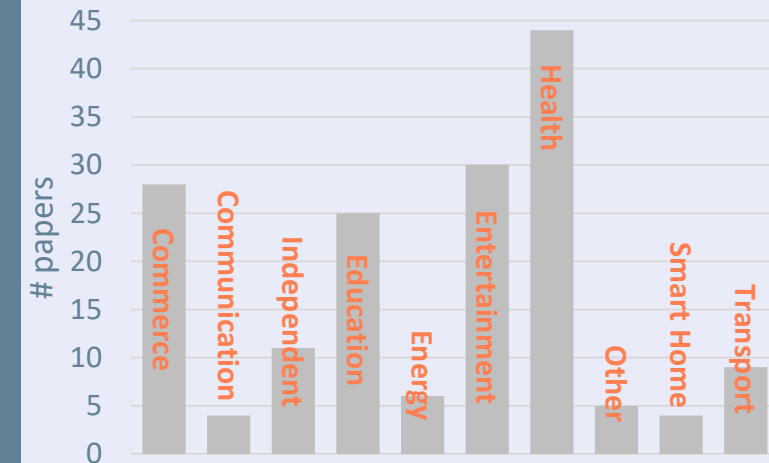
Floris den Hengst¹, Ali el Hassouni², Eoin Grua² and Mark Hoogendoorn².
1: ING, 2: Vrije Universiteit Amsterdam



Increasing usage of RL for personalization



RL is used for personalization in various domains



More analysis?

paper: [10.3233/DS-200028](https://doi.org/10.3233/DS-200028)

tool: florisdh.nl/rl4personalization

