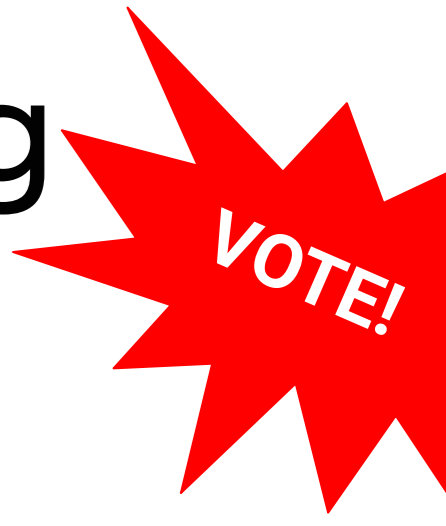


# An RL Assistant for Patient-Centric Decision Making

## The Goal

- cooperative with experts
- coherent from human POV
- mindful of conflicting goals

## HI Embedding



### Challenges

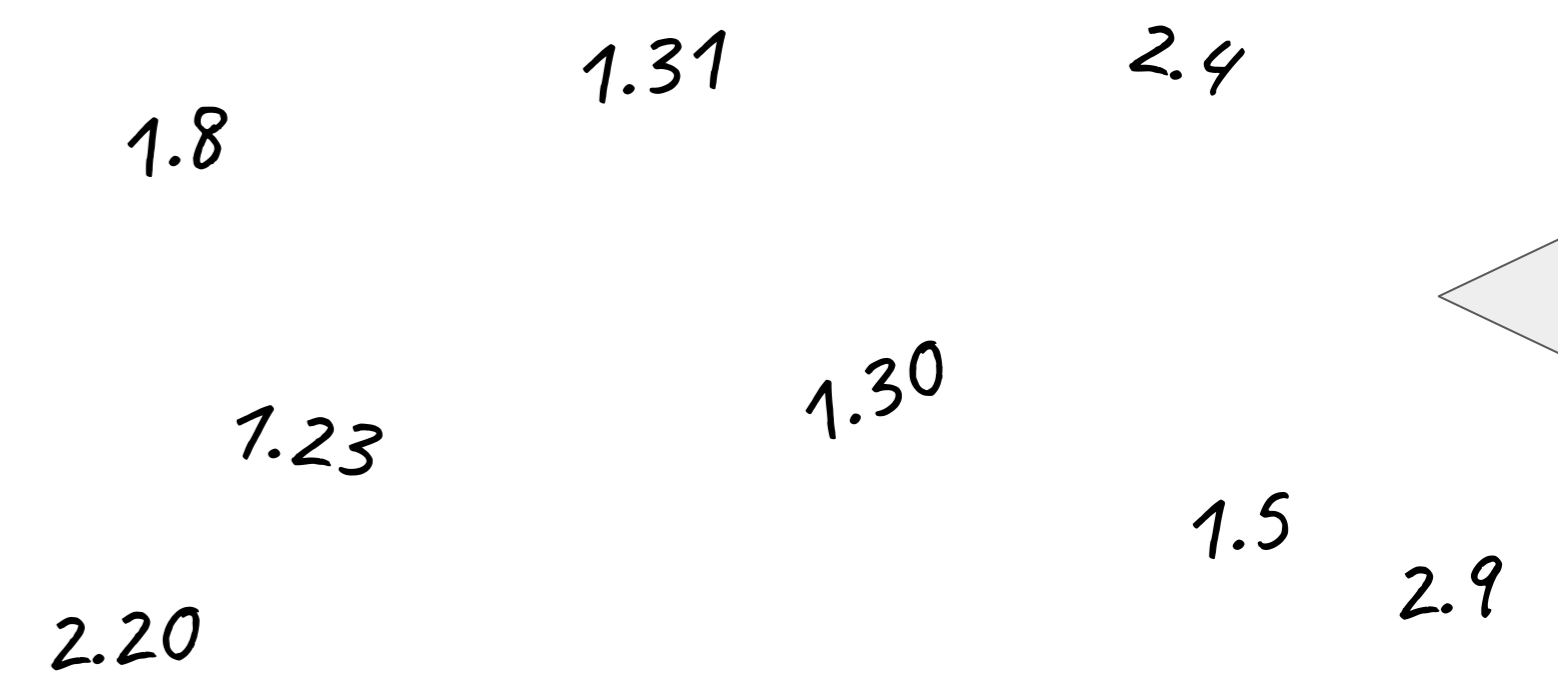
- assistants & trust
- dialogue
- collaboration & synergy
- system design & user lit.

### Use Cases

- diabetes support
- education
- robotic surgery
- scientific assistant

### Link with **your project**?

leave your **project no.** to get in touch



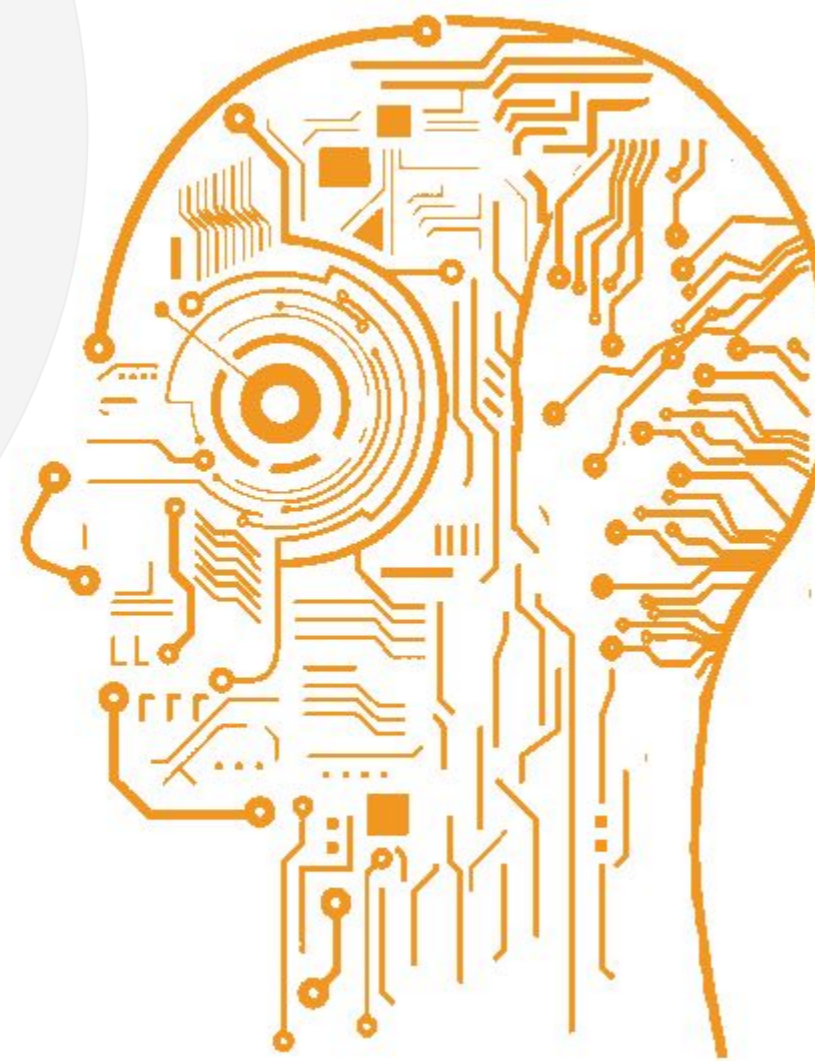
## Approach

- KR for medical constraints
- Patient preferences
  - explicit elicitation
  - example plans
- Multi-objective and interpretable RL

*I know what I want  
for me.  
Which treatment  
achieves this*



*I can derive a  
treatment  
plan.  
What should it  
achieve?*



*I know  
treatments  
for this patient.  
Which is the  
best?*



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