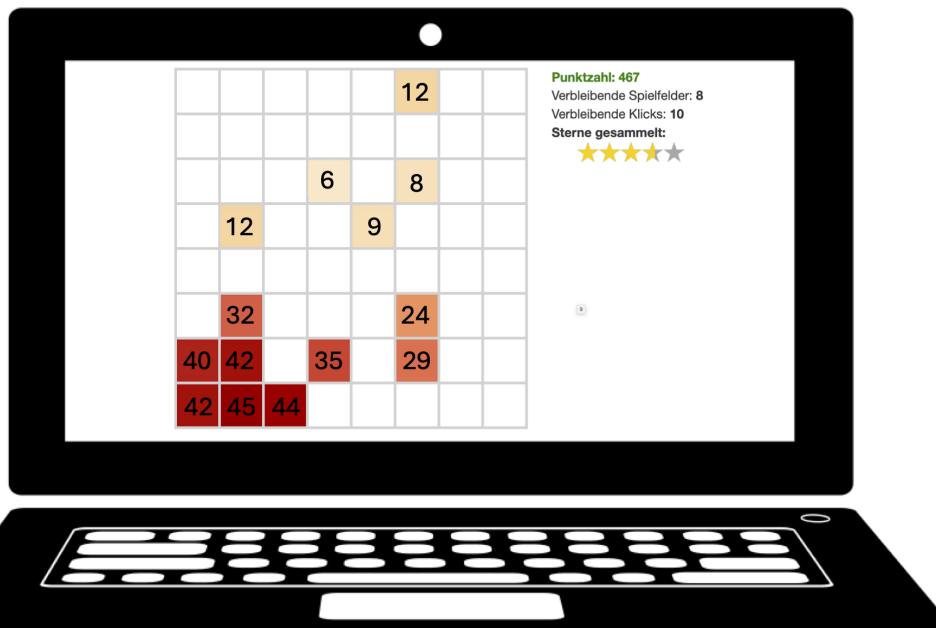
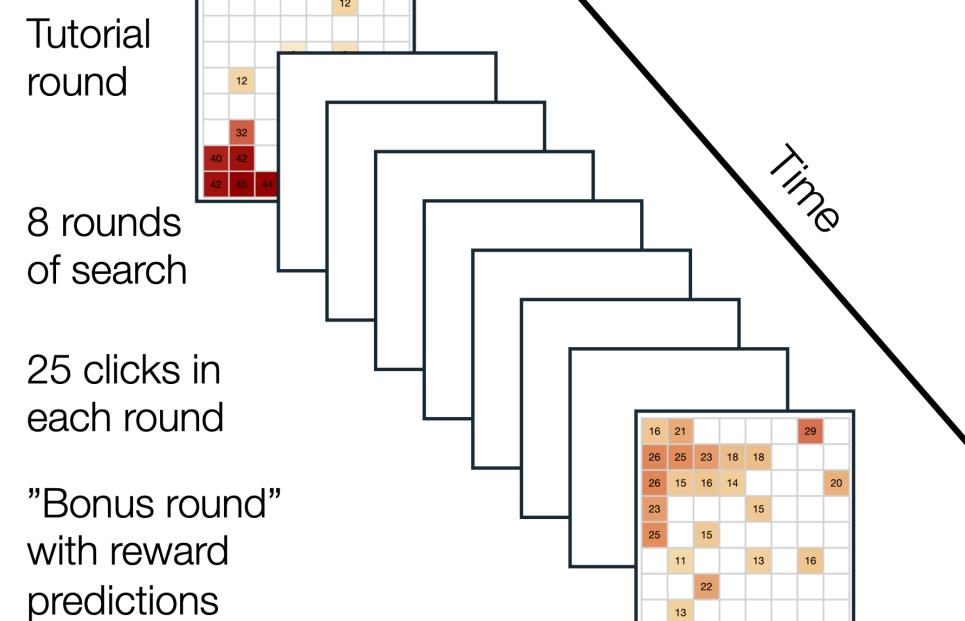


## a Experiment and design

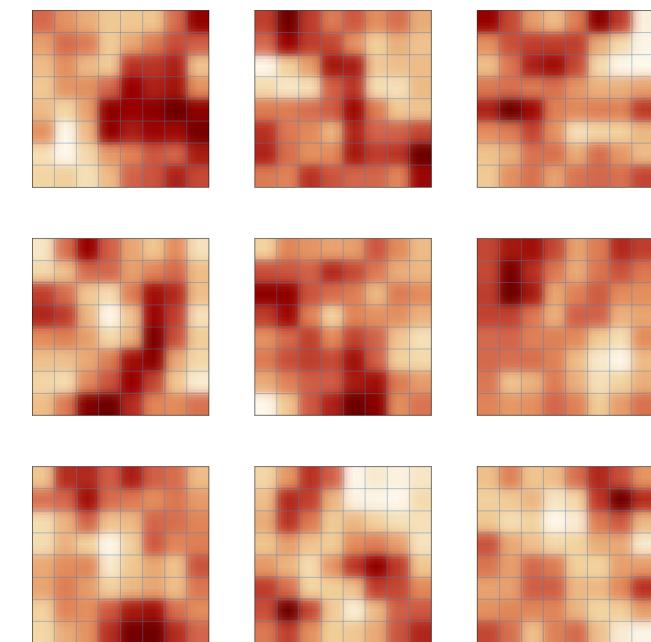
### Task



### Procedure

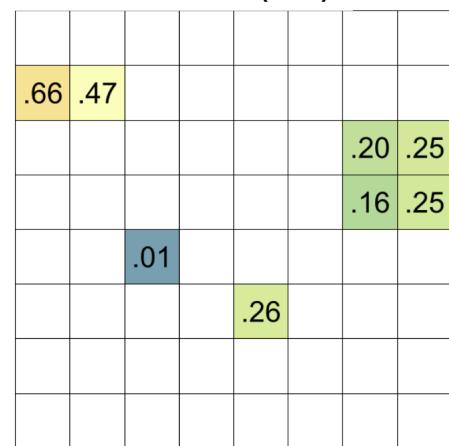


### Environments

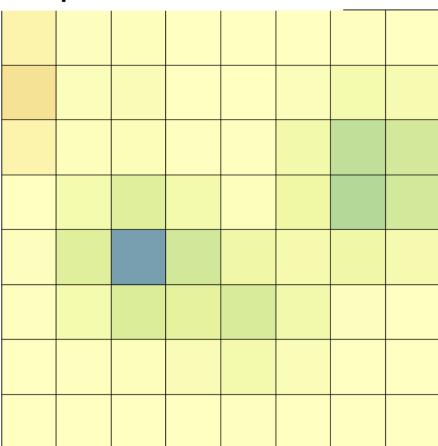


## b Computational GP–UCB model

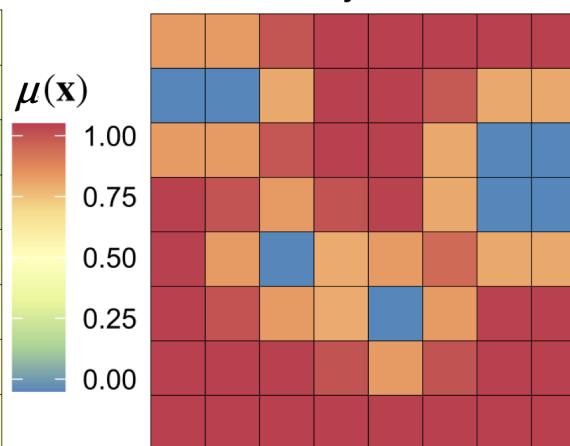
Observations ( $t=8$ )



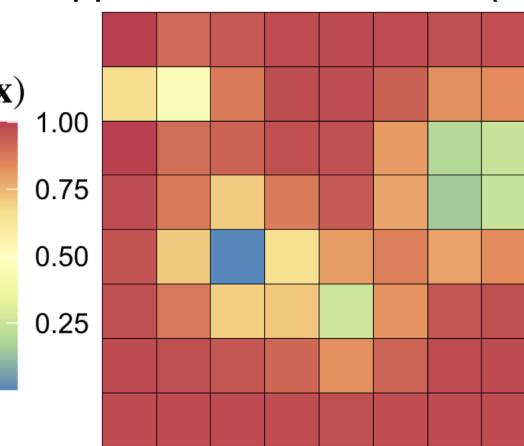
Expected rewards



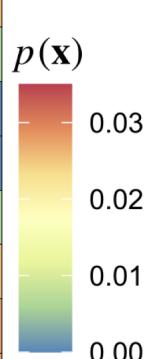
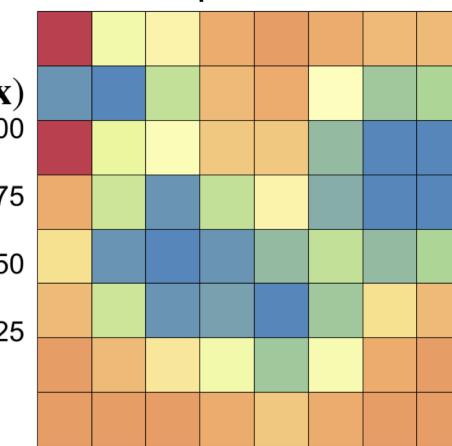
Uncertainty



Upper Confidence Bound (UCB)



Softmax predictions



Generalization  $\lambda$

Exploration bonus  $\beta$

Random temperature  $\tau$