

WHAT MAKES THE BEST COMPUTER GAME?

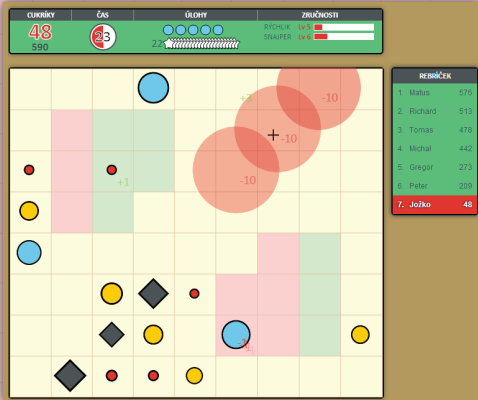
How Game Features Affect Game Play

- Which game features are more interesting and motivational?
- Does personality of a player matter?
- What is a good combination of game features?

GAME DESIGNED SPECIALLY FOR EXPERIMENT

We track player's preferences for game mechanisms:

points
leaderboard
timer
challenges
skills

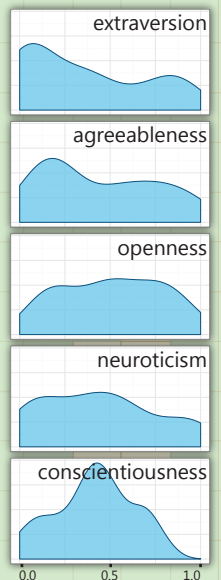
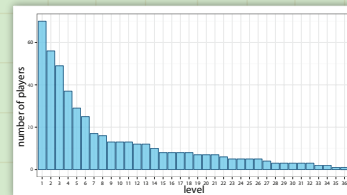


And also UI interactions:
mousemove speed
mousemove efficiency
inactive time
elements interactions
reaction time

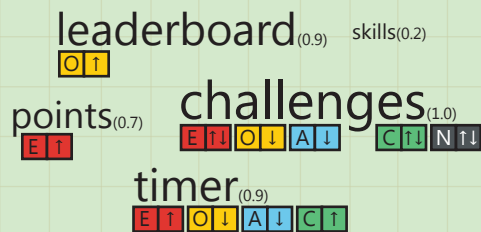
PARTICIPANTS

65 students of informatics
We conducted personality survey (Big Five)

600 played levels
(each lasts 30 - 60 sec.)



WHICH GAME MECHANISMS DRAW ATTENTION



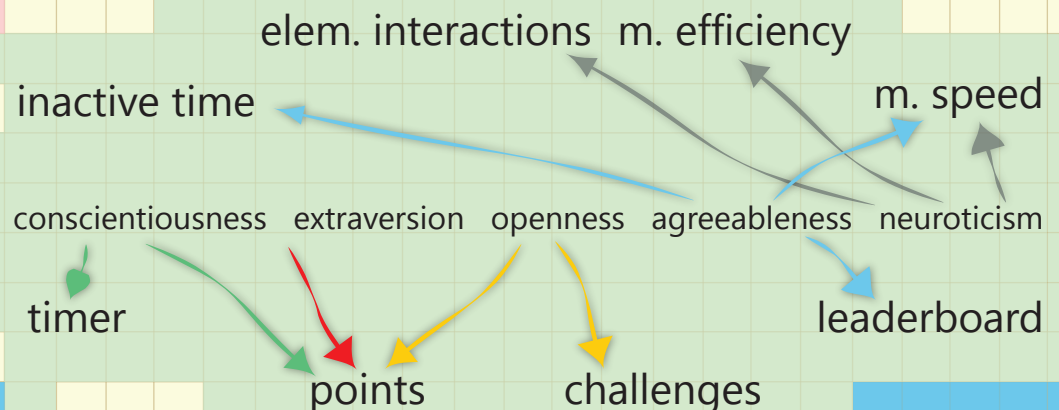
WHICH GAME MECHANISMS MOTIVATE TO PLAY LONGER



WHICH GAME MECHANISMS ARE GOOD SUPPORTERS



INFLUENCE OF PERSONALITY TRAITS



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