

Abstract

This bachelor thesis examines the influence of confidence judgments on decision-making efficiency in dyadic problem-solving. The main objective was to determine which factors influence decision-making efficiency, especially in the context of social interaction. The dyad was composed of a human participant and a computer algorithm (bot). Thus, the results of the work demonstrate the interaction and decision-making of these specific pairs. The study used a quantitative experimental method to collect data and linear regression for data analysis. The findings showed that higher certainty in decision-making can have a negative impact on decision-making efficiency, while the ability to adequately distinguish between correct and incorrect answers contributes to efficiency. In conclusion, the work contemplates possible future steps of a similar experiment.

Key words: confidence judgments; decision-making efficiency; metacognition; dyad