

A kognitív teljesítmény meghatározó tényezői komplex feladatokban

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Abstract: Considering the increased cognitive complexity and cognitive overload of tasks in nowadays economy we tried to identify determinant of task performance in complex and simple cognitive tasks. On a computer simulation we measured task performance expressed in accuracy and reaction time in complex and simple task using a repeated measure design. Our findings suggest that the best predictors of complex task performance are cognitive flexibility and IQ. In simple tasks we found no correlation between performance and IQ or cognitive flexibility, but self-efficacy correlated highly with performance ($r=.61$). Self-efficacy had no significant effect on complex task performance.

Keywords: performance, cognitive tasks, cognitive flexibility, computer simulation