

Does problem posing affect self-efficacy, task-value, and performance in mathematical modelling?

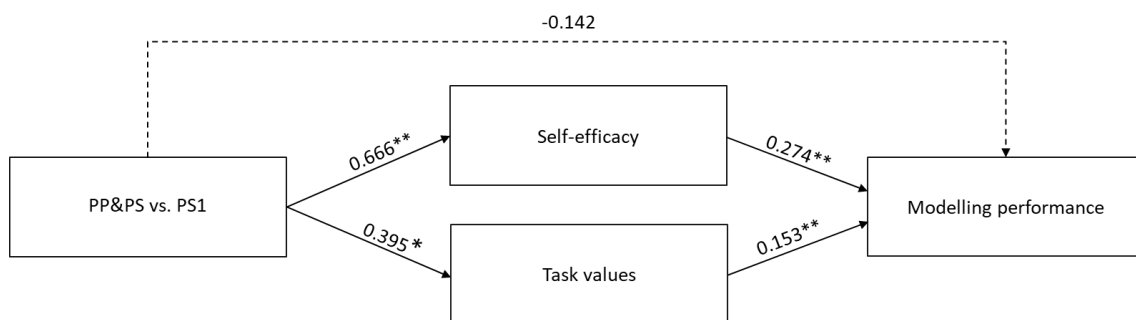
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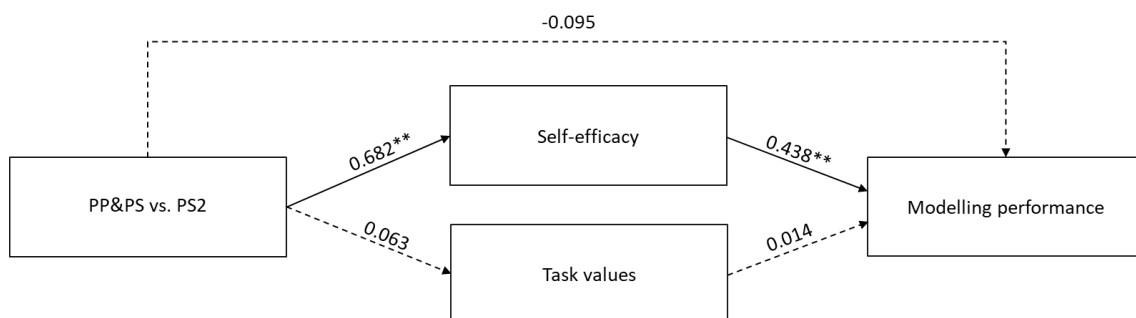
Results of the additional analysis in which only the same problems in compared groups were included



Total effect of PP&PS versus PS1 on modelling performance: $\beta = .101, p = .284$

Indirect effect of PP&PS versus PS1 on modelling performance via self-efficacy: $\beta = .182, p = .010$

Indirect effect of PP&PS versus PS1 on modelling performance via task values: $\beta = .060, p = .082$



Total effect of PP&PS versus PS2 on modelling performance: $\beta = .204, p = .144$

Indirect effect of PP&PS versus PS2 on modelling performance via self-efficacy: $\beta = .299, p = .001$

Indirect effect of PP&PS versus PS2 on modelling performance via task values: $\beta = .001, p = .442$