

## ABSTRACT

**BACKGROUND** – Foreign studies submit parental, maternal substance abuse increase children's risk behavior such alcohol drinking. Czech studies submit school-based prevention program Unplugged has significant positive influence on marihuana children's smoking.

**AIMS** – The research is needed to reveal the influence of school-based prevention program Unplugged on children's alcohol drinking. Children's difference is in mothers. Mothers who drink alcohol more than once a week and mothers who drink alcohol less once a week.

**METHODS** - Research data were obtained by using czech version of European Family Empowerment Questionnaire in seven data mining waves between 2013 and 2017. Children's and parental questionnaires were paired. The final count of questionnaires is 8338 and we analyzed them with GEE (generalized estimation equation) in SPSS.

**RESULTS** – School-based prevention program Unplugged has not significant influence on children's drinking with mothers who drink alcohol more than once a week. The program increase likelihood of children's drunkenness in last 30 days in children with mothers who drink less than once a week. The odd of drunkenness is 52,2 %.

**CONCLUSION** – We recommend discussion on efective statistical evaluation of school-based prevention programs. We recommend to include parents in prevention programs.