

# **Influence of aroma compounds on the drivers' mental and physiological stress during traffic jam –Pilot study–**

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The improvement of drivers' condition is required to reduce traffic accidents. The purpose of this study is to improve driver's condition during traffic jams by using aroma compounds. Since it is not clear which kind of stress drivers have during traffic jams, the effects of aroma compounds on mental stress and physical stress were analyzed respectively. Furthermore, the effect of aroma compounds which were supplied during driving a scenario of traffic jam on a driving simulator was also evaluated.