

ROAD SAFETY wrong-way driving on highways

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The aim of the research work was:

- Assessment of the extent of the problem of wrong-way drivers
- Finding a correlation between "being under the influence of alcohol" and the frequency of wrong-way driving accidents

Survey and cockpit driving simulator

Survey:

- 1.124 participants completed survey
- 181 have already seen wrong-way drivers,
- 7 participants were wrong-way driver themselves

Cockpit driving simulator:

- determining driving experience and drinking behaviour (AUDIT test),
- test drives in the cockpit driving simulator
- ATVAT test (visual overview, orientation, and speed perception)



Conclusion

- The study on the driving simulator showed **high risk-taking** and **overestimation** of oneself under the **influence of alcohol** among people with high **driving experience**, which led to more accidents.
People with a probationary driving licence were more reserved about drinking and driving.
- There was a **clear correlation** between the ATVAT test, actual drinking behaviour and alcohol tolerance.
People with a higher test score drink more alcohol and believe they can still drive compared to people with a lower test score.

