



## **Analysis of drivers' behavior on speed-limited sections of the motorway based on visual information**

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Speeding is still one of the main accident causes in different countries all over the world. The main aim of the presented study is to assess the drivers' behavior in terms of compliance with speed limits on short speed-restricted sections of the motorway. The modified naturalistic driving study approach was used to collect and analyse visual information recorded from the dashboard camera of the test vehicle. Data was gathered on the Kraków - Gliwice section of the A4 motorway. Assessment allowed us to determine how many drivers comply with the signs and how many commit offenses. The second research point was the time spent on specific speed-limited sections as well as speeding associated with driving on these sections. The final issue raised within the scope of this study was to analyse drivers' behavior when breaking speed limits in areas with a high density of speed limit signs. Such areas were situated near payment gates. Each aspect of the study was described and discussed separately.