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Is Steering Practice Task Dependent?

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Is Steering Practice Task Dependent?

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Abstract

A driving simulation experiment was conducted to examine the performance improvement of participants while conducting a lane keeping task and two lane changing tasks on a straight road. Forty-four participants, sixteen females and twenty-eight males, drove one of three driving conditions. The data was analyzed to test whether 1) practice is better than no practice; 2) practicing a less challenging but similar steering task is good practice for a more challenging steering task; and 3) practicing a more challenging but similar steering task is good practice for a less challenging steering task. The results indicate that practicing the more challenging lane changing task had a significant impact on the performance of the subsequent, less challenging but similar task.