CVEN 626 – Highway Safety

Assignment #2

This assignment is due on Monday, September 9th, 2019. Please be ready to discuss both topics in Monday’s lecture.

Submit one assignment per person.

All questions are 20 points.

Question 1

Read one of the following papers on cannabis related crashes. Prepare a 1-page critical review for each article. Explain the study objectives, main conclusions and potential limitations, in your opinion, associated with the paper.

A meta-analysis of the crash risk of cannabis-positive drivers in culpability studies—Avoiding interpretational bias. Accident Analysis & Prevention, Volume 123, February 2019, Pages 69-78, Ole Rogeberg


Relationships between frequency of driving under the influence of cannabis, self-reported reckless driving and risk-taking behavior observed in a driving simulator Journal of Safety Research, Volume 49, June 2014, Pages 19.e1-24, Jacques Bergeron, Martin Paquette


Impact of age at onset of cannabis use on cannabis dependence and driving under the influence in the United States. Accident Analysis & Prevention, Volume 76, March 2015, Pages 1-5, Yann Le Strat, Caroline Dubertret, Bernard Le Foll

Cannabis and crash responsibility while driving below the alcohol per se legal limit. Accident Analysis & Prevention, Volume 108, November 2017, Pages 37-43, Eduardo Romano, Robert B. Voas, Bayliss Camp

Marijuana use and driving in Washington State: Risk perceptions and behaviors before and after implementation of retail sales. Angela H. Eichelberger
Traffic Injury Prevention, Volume 20, 2019 - Issue 1

The relative risk of motor vehicle collision on cannabis celebration day in Great Britain. Accident Analysis & Prevention, Volume 128, July 2019, Pages 248-252 Sotiris Vandoros, Ichiro Kawachi

Driver-related risk factors of fatal road traffic crashes associated with alcohol or drug impairment. Accident Analysis & Prevention, Volume 131, October 2019, Pages 191-199, Anja Valen, Stig Tore Bogstrand, Vigdis Vindenes, Joachim Frost, Hallvard Gjerde


The effects of medical marijuana laws on cannabis-involved driving. Accident Analysis & Prevention, Volume 118, September 2018, Pages 57-65 Eric L. Sevigny

Contact me by email to let me know which paper you selected to review. I won't allow more than two people to review the same paper.