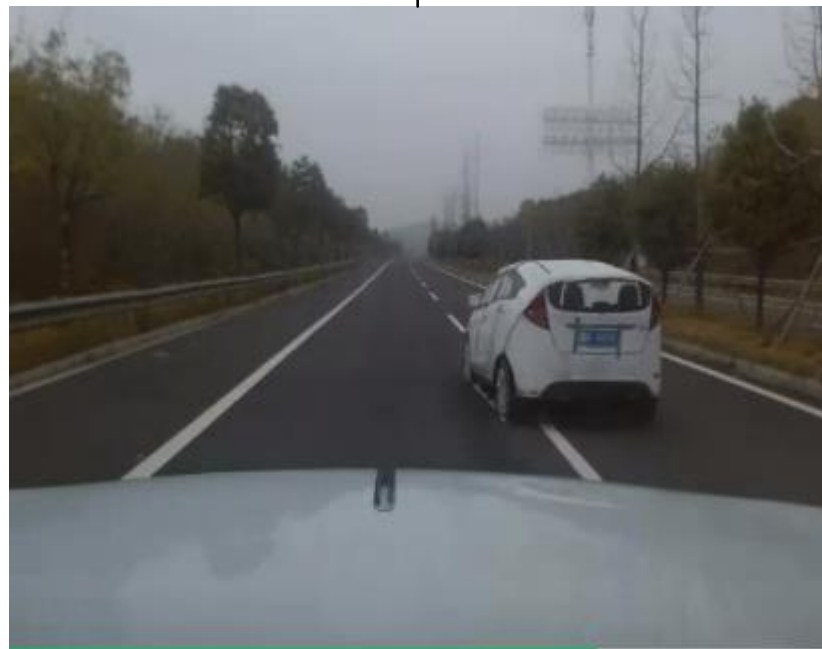


scenario



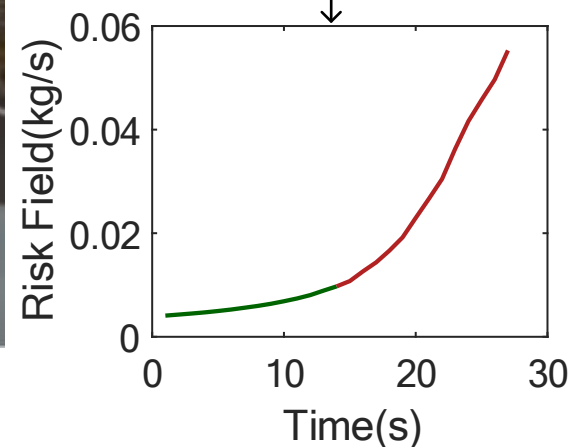
**Cut in Scenario**

(Green stands for low field episode, and red stands for high field episode)

**Automated vehicle**



vehicle states

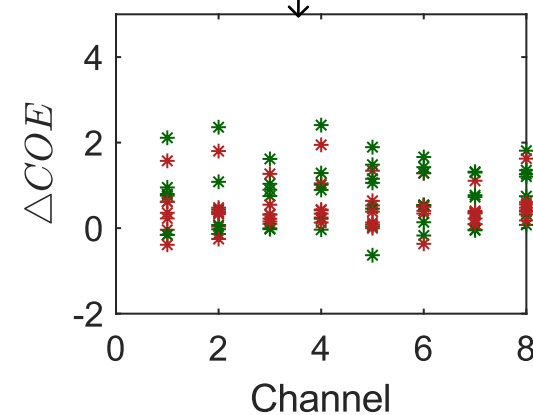


**Risk field**

**Passenger**

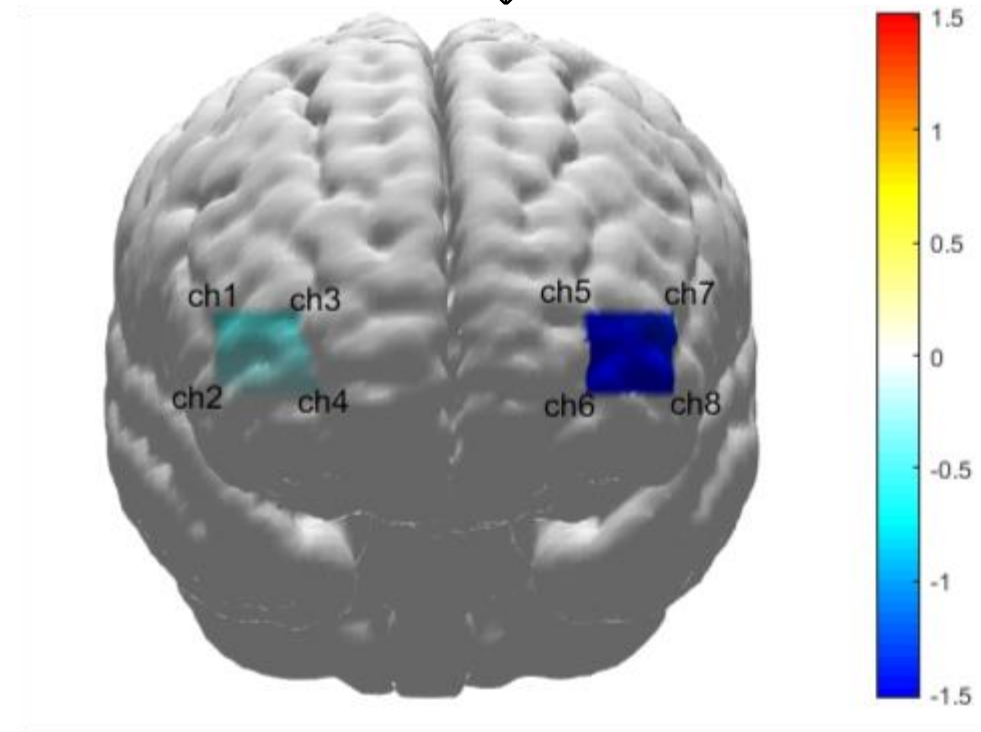


$\Delta HbR$   $\Delta HbO$



**Cerebral oxygen exchange**

mean values



**Z-value**  
(Wilcoxon Signed Rank Test)