

Assignment 1: Hansen AER 2013

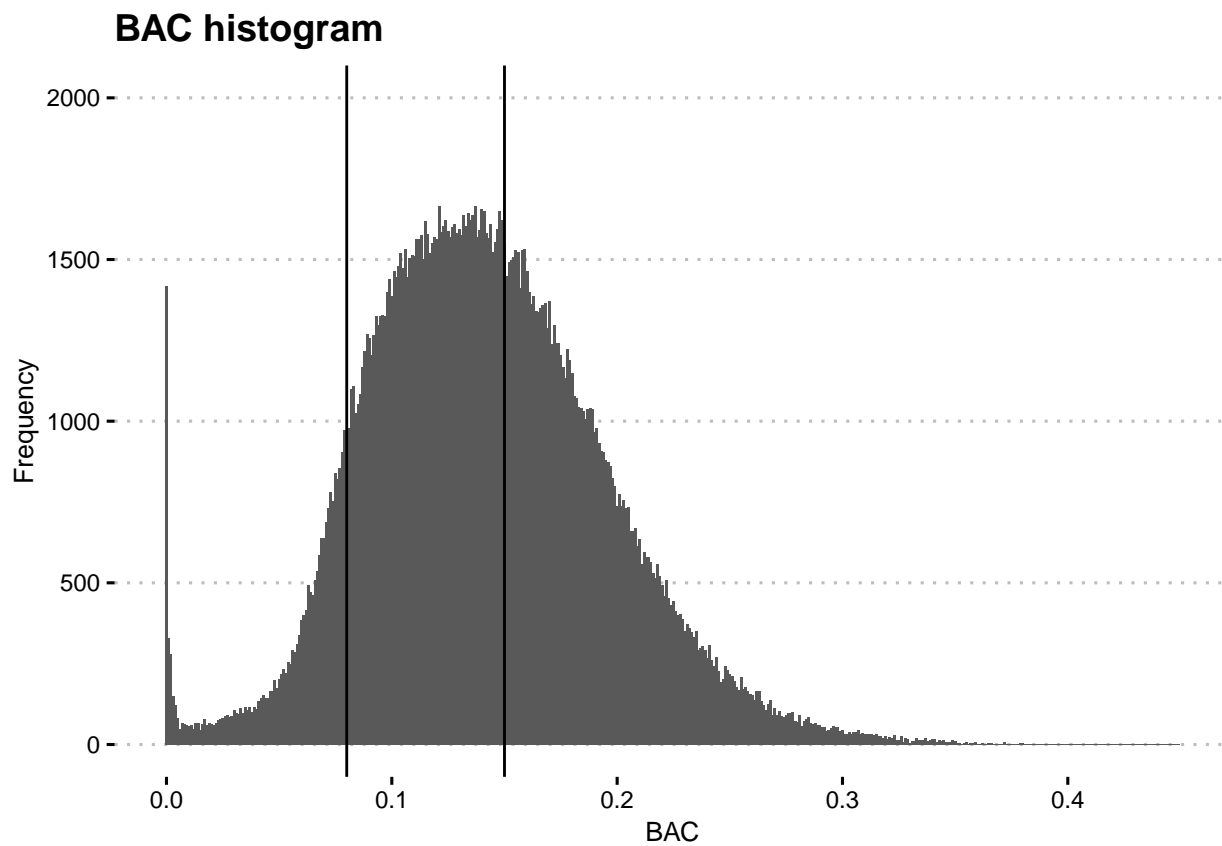
Nathan Franz

2/27/2020

Summary of Hansen's Project

Replication

Density of the Running Variable



Covariates by the Running Variable

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## Warning: Factor `bac_bucket` contains implicit NA, consider using  
## `forcats::fct_explicit_na`  
## Warning: Removed 1 rows containing missing values (geom_point).
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Table 1: Regression Discontinuity Estimates for the Effect of Exceeding BAC Thresholds on Predetermined Characteristics

	Male (1)	White (2)	Age (3)	Accident (4)
DUI	0.006 (0.004)	0.004 (0.004)	-1.115*** (0.121)	-0.007** (0.003)
Observations	214,558	214,558	214,558	214,558
R ²	0.000	0.001	0.013	0.021
Adjusted R ²	0.000	0.001	0.013	0.021
Residual Std. Error (df = 214554)	0.408	0.345	11.431	0.351
F Statistic (df = 3; 214554)	9.428***	58.401***	907.467***	1,566.761***

Notes:

***Significant at the 1 percent level.

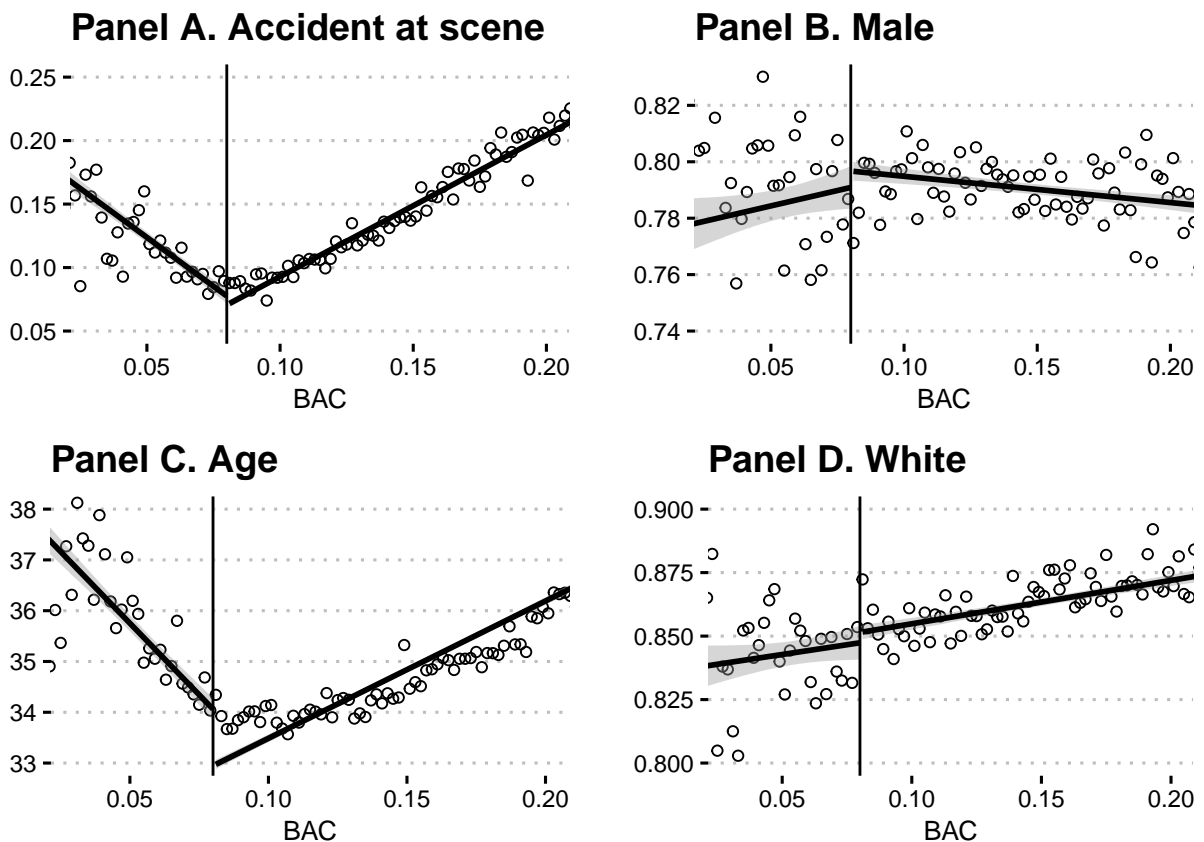
**Significant at the 5 percent level.

*Significant at the 10 percent level.

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