

Team R-Mageddon

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Team
R-Mageddon

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Drugs with
Misuse
Problems

Two-Variable
Interactions

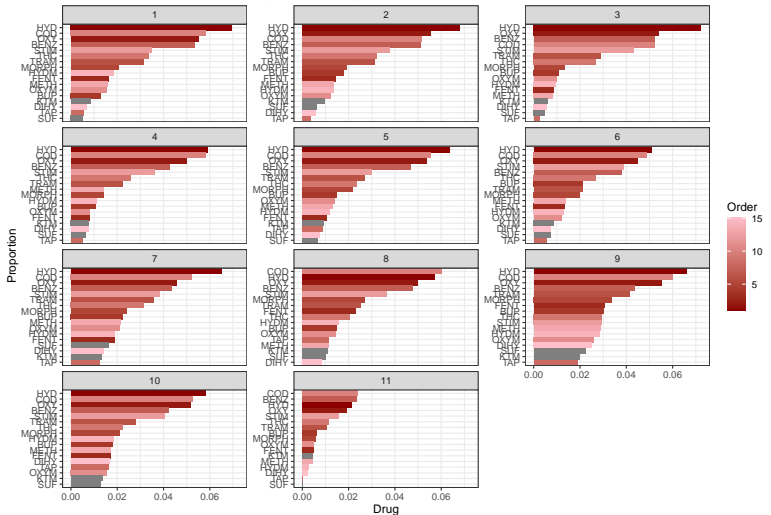
Influential
Variables

Conclusion

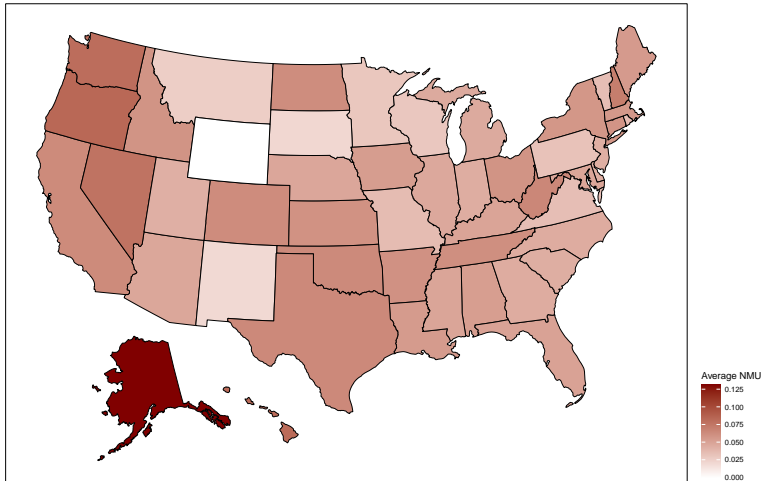
Citations

Drugs with Misuse Problems

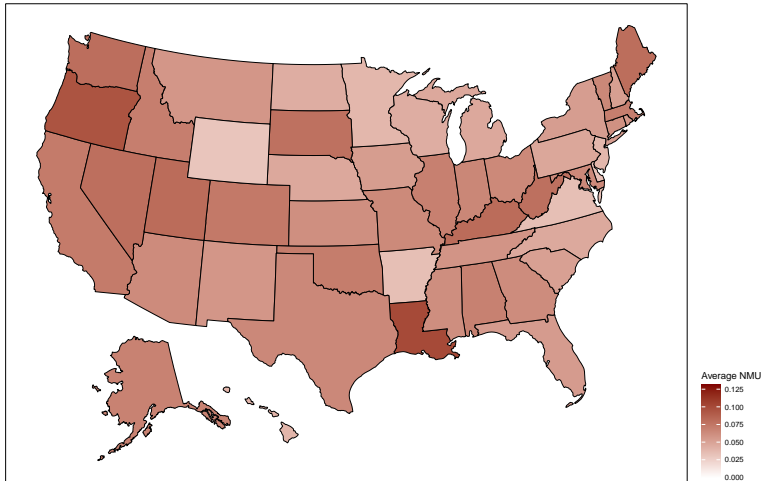
NMU Proportion by Order of Weighted Spending and Income



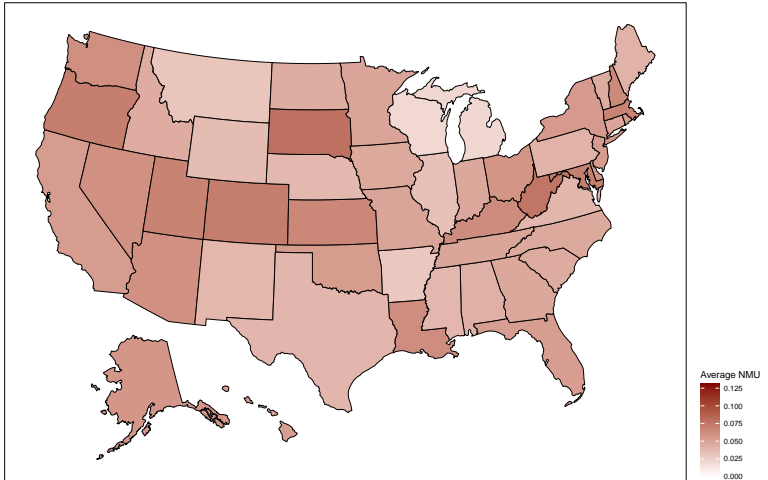
Average COD NMU by State



Average HYD NMU by State

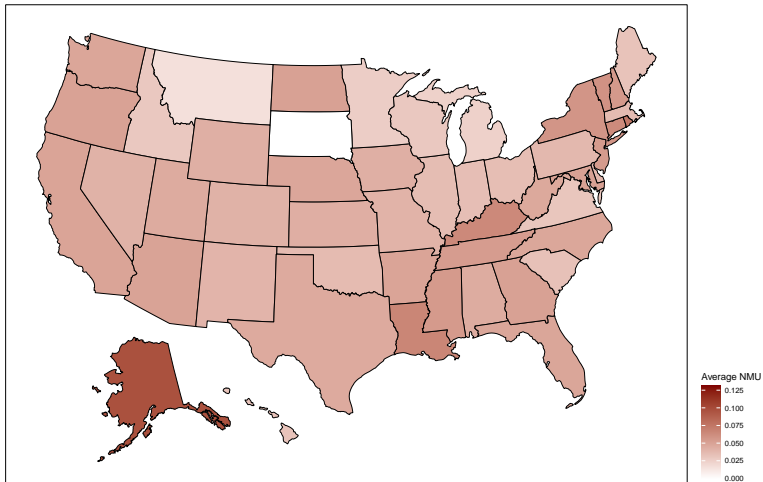


Average OXY NMU by State

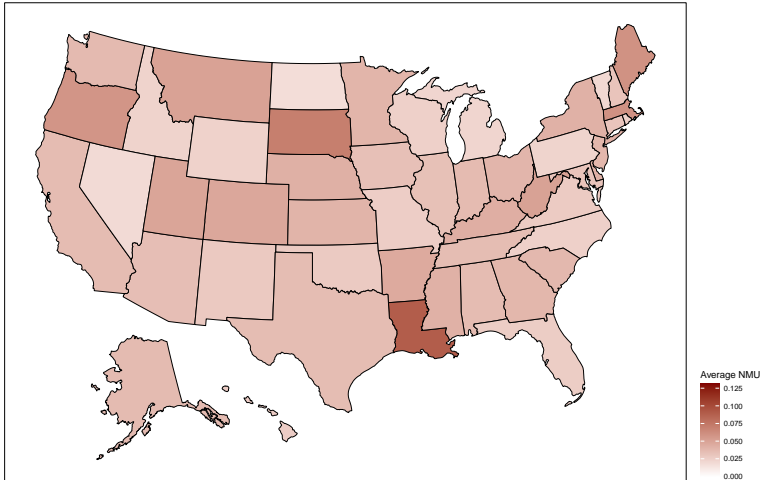


Across the United States

Average BENZ NMU by State



Average STIM NMU by State



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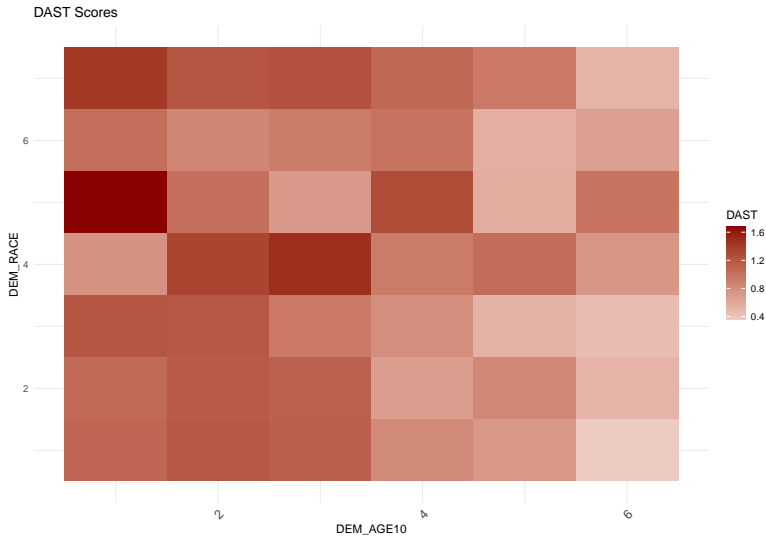
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Alcohol and Recreational Cannabis Use

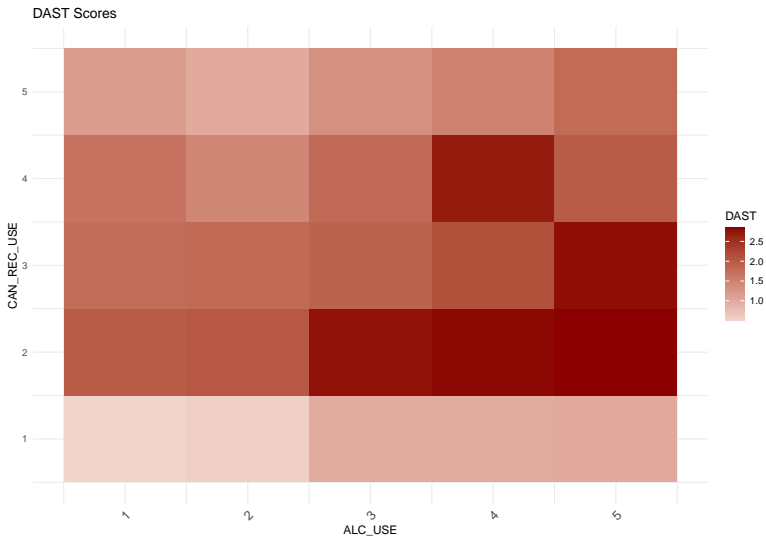
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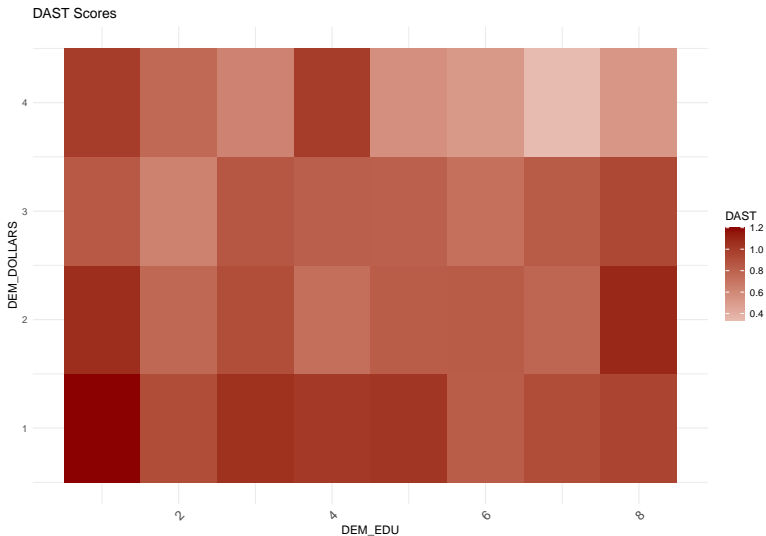
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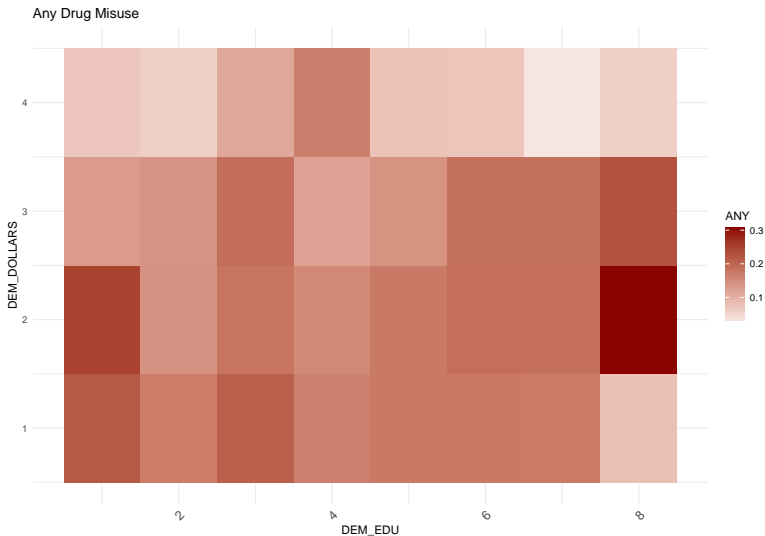
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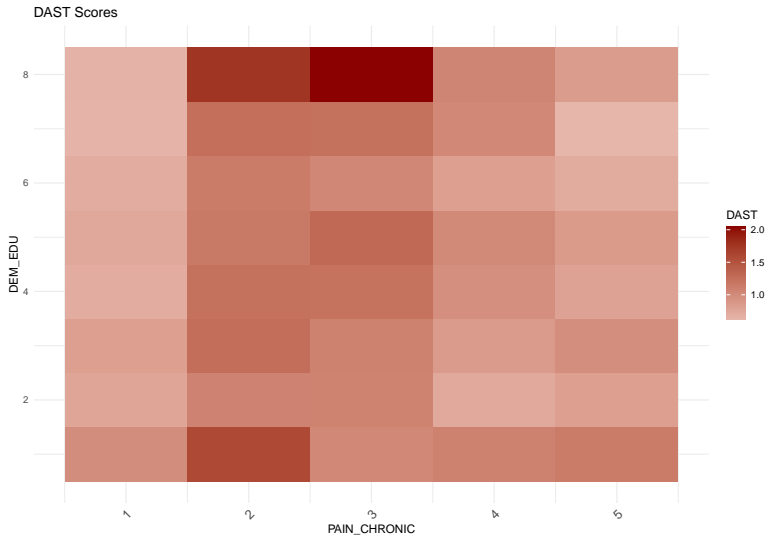
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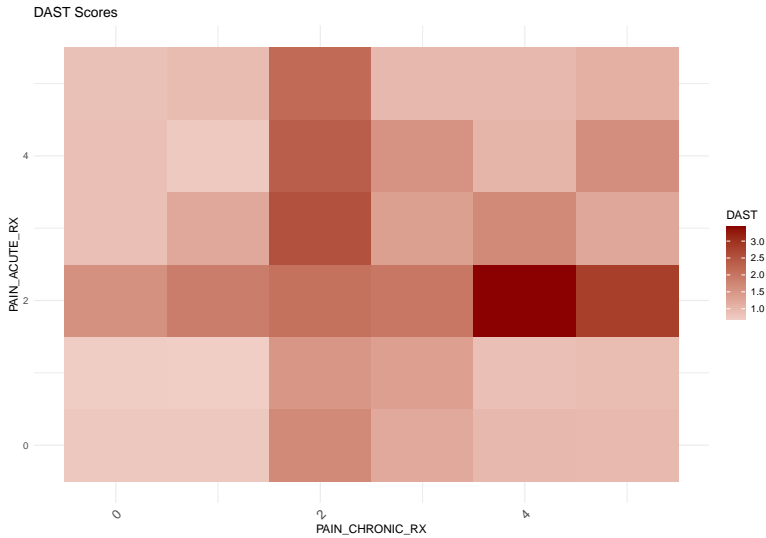








Prescriptions for Chronic and Acute Pain



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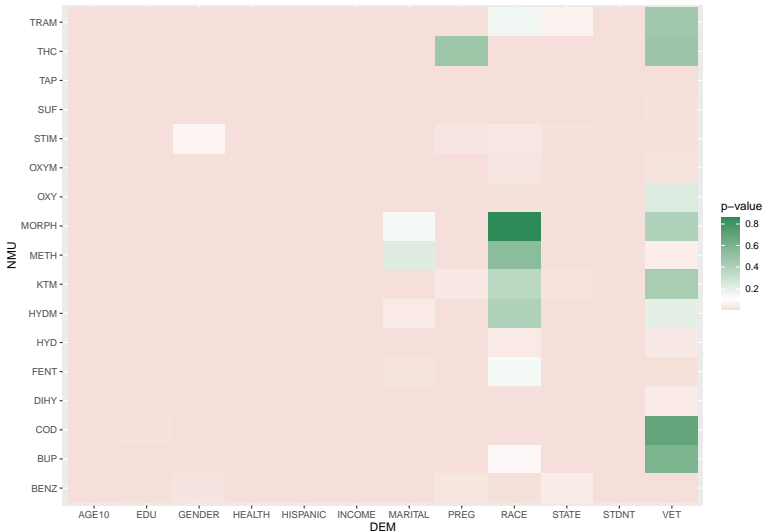
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**Influential
Variables**

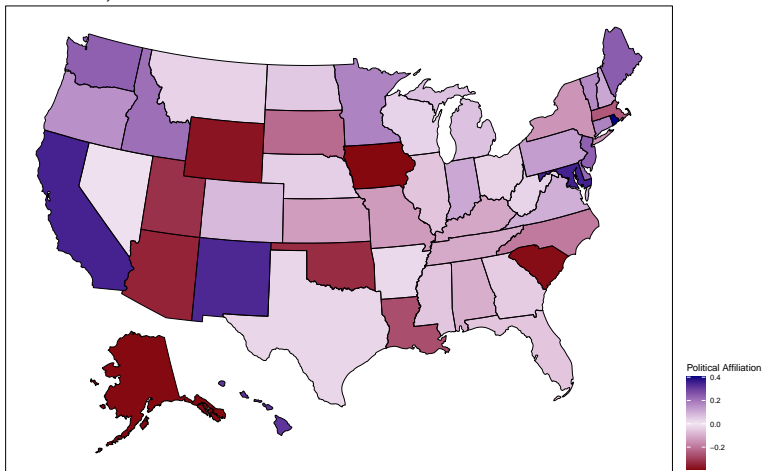
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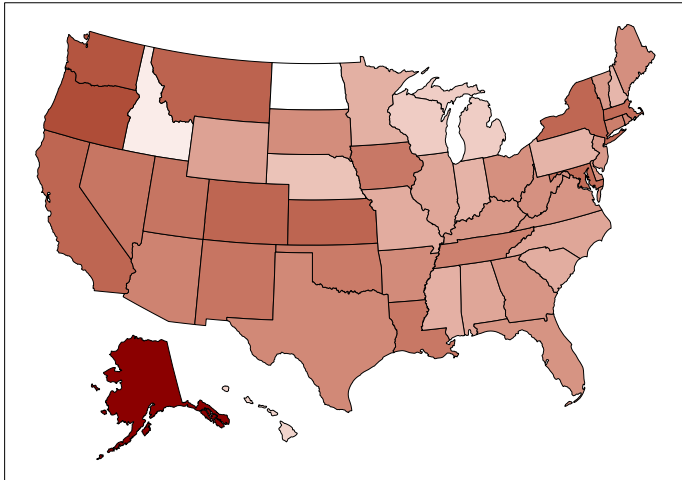
Influential Variables



Political Affiliation by 2018 Election Results



Average dast NMU By State



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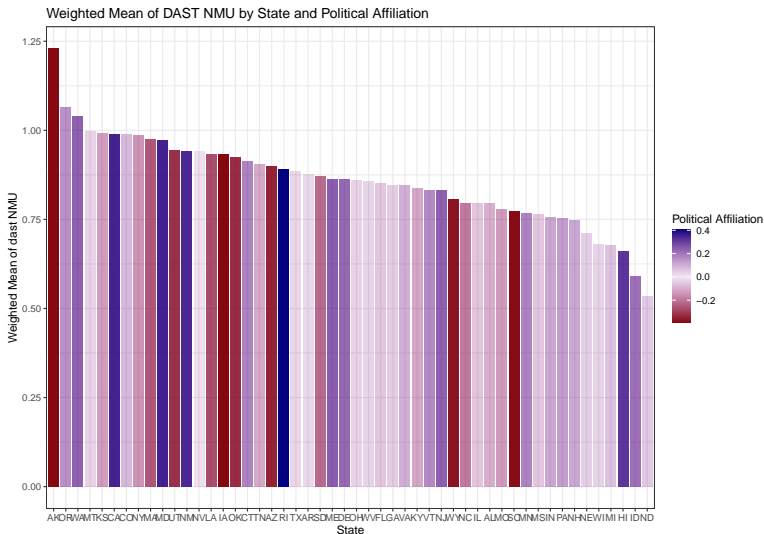
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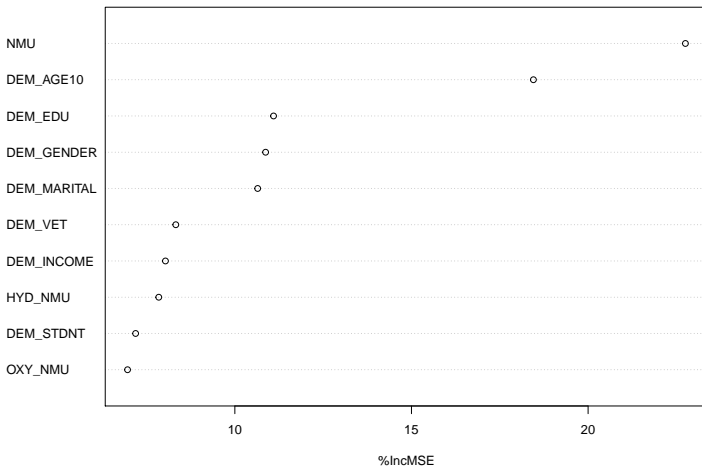
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Influential Predictors for DAST Scores



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- Hydrocodone (e.g., Vicodin)
- Codeine
- Oxycodone (e.g., OxyContin, Percocet)
- Benzodiazepines (e.g., Xanax)
- Stimulants (e.g. Adderall)

How to Identify Misuse

- Prior misuse is a strong indicator of future misuse (expected)
- Age brackets seem to be important (younger people have higher levels of misuse)
- Higher education levels surprisingly had higher levels of misuse for *any* drug
- Acute pain prescriptions was a stronger driver of misuse than chronic pain prescriptions
- Race is not as strong of a factor as many perceive

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Citations

- <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Information-on-Prescription-Drugs/MedicarePartD>
- <https://github.com/MEDSL/2018-elections-official>