

# **TIPSY TRENDS: TRACING THE TIES BETWEEN HOUSEHOLD HOOCH HABIT AND RIGHT-LEANING RHODE ISLANDERS**

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This paper conducts a diligent examination of the relationship between annual household spending on alcoholic beverages and votes for the Republican presidential candidate in the tiny but mighty state of Rhode Island. Leveraging data from the Bureau of Labor Statistics and the MIT Election Data and Science Lab, we embarked on a rollicking journey to uncover any hidden elixirs of association between these seemingly disparate variables. Our findings astound and amuse in equal measure as we unveil a correlation coefficient of 0.9250118 and  $p < 0.01$  for the time span from 2000 to 2020, prompting us to raise a glass to this fortuitous discovery. This research contributes a quirky yet relevant perspective to the broader discussions surrounding booze, ballots, and alliteration. Cheers to statistical serendipity!

The electoral landscape of the United States is a complex tapestry woven from a multitude of variables, including but not limited to socio-economic indicators, geopolitical factors, and the all-important candidate charisma quotient. Amidst this tumultuous tableau, the state of Rhode Island stands as a intriguing microcosm, where the confluence of tradition, demographics, and possibly even imbibing habits may exert subtle influences on voting behaviors. In this work, we set out to uncover any potential kinship between household expenditure on alcoholic beverages and political alignment with the Republican party in the Ocean State.

The backdrop for our inquiry lies in the time-honored adage that bipartisanship often goes hand in hand with a finely mixed cocktail - or perhaps even an (electoral) "shot in the dark." By delving into the Bureau of Labor Statistics' invaluable trove of data on

annual household spending, we endeavor to illuminate any trends that may bolster this whimsical hypothesis. In tandem, we tap into the MIT Election Data and Science Lab's repository to unravel the electoral predilections of Rhode Islanders, particularly with regard to their choice of presidential candidate.

With tongue planted firmly in cheek, we embarked on this statistical escapade propelled by an unquenchable thirst for uncovering quirky correlations and forging pathbreaking pathways through the labyrinth of socio-political phenomena. While our intent is rooted in scholarly rigor, we approach our investigation with a dash of levity, acknowledging that the search for statistical significance can, at times, be akin to a enigmatic brew of alchemical proportions: both engaging and mystifying in its twists and turns.

We aim to dispel any notion that our pursuit is mere ale-fueled whimsy, as we

wield the power of regression analysis to disentangle the enigmatic dance between household libations and political allegiances. In doing so, we seek not just to entertain, but also to inform, shedding light on a juncture where the seemingly mundane world of consumer spending converges with the high stakes realm of electoral outcomes. This unconventional blend of statistical inquiry and political nuance promises to serve as an intoxicating elixir for the inquisitive mind, in the grand tradition of scholarly quirkiness and revelatory revelry. So raise a glass, whether it be of campaign spirits or distilled statistics, as we embark on our intoxicating voyage!

## LITERATURE REVIEW

The authors find that the connection between annual household spending on alcoholic beverages and political affiliations has been an area of interest in scholarly pursuits. In "Booze and Ballots: A Statistical Odyssey" by Smith et al., the authors delve into the potential linkages between alcohol consumption and voting behaviors, shedding light on the nuanced interplay of libations and electoral inclinations. Similarly, Doe's "Thirsty for Votes: The Political Pint" provides a comprehensive examination of the intersection between consumer spending on alcohol and party preferences, offering insights that titillate the scholarly palate.

Expanding beyond the academic realm, non-fiction works such as "The Economics of Spirits" by Johnson and "Cheers to Capitalism" by Thompson showcase the interdisciplinary nature of this unconventional research pairing. Moreover, fiction literature has not been immune to the allure of alcoholic undertones in political narratives, as evidenced by George R.R. Martin's "A Game of Goblets" and Gabriel García Márquez's "One Hundred Years of Lagers" - emblematic titles that tantalize the imagination with their thematic resonances.

Moving beyond conventional sources, the researchers have taken a more unorthodox approach to supplement their inquiry. In a daring departure from scholarly convention, the authors have embarked on a thorough review of unconventional texts, including but not limited to the backs of shampoo bottles, seeking to distill any wisdom that might bubble to the surface from these unlikely reservoirs of knowledge. It is with equal parts mirth and method that the researchers have navigated this eclectic array of sources, poised to uncork any unexpected insights that may effervesce from this unconventional odyssey.

## METHODOLOGY

In this study, we employed a robust and eclectic methodological approach to untangle the enigmatic dance between annual US household spending on alcoholic beverages and votes for the Republican presidential candidate in Rhode Island. Our methodology sought to ensure the utmost rigor while simultaneously infusing a splash of whimsy and verve, akin to the effervescent bubbles in a finely crafted cocktail.

Data Collection:

We diligently scoured the digital expanse, utilizing a combination of web scraping, data mining, and a touch of internet

archaeology to procure pertinent information. Much like intrepid explorers of statistical treasure, we traversed the Bureau of Labor Statistics and the MIT Election Data and Science Lab, as well as the Harvard Dataverse, uncovering datasets spanning the years 2000 to 2020. This venture into the digital wilderness allowed us to harness a wide-ranging array of data encompassing household spending habits and electoral preferences, forming the bedrock of our analysis.

#### Tipple Transformation and Aggregation:

To distill meaningful insights from the copious data garnered, we harnessed the transformative powers of statistical alchemy. Through a series of meticulously calibrated transformations and aggregations, we coaxed the raw data into a format amenable to our analytical quests. This process involved cleansing, harmonizing, and amalgamating disparate datasets, ensuring that our statistical elixirs were brewed to perfection, free of the impurities that may taint the veracity of our findings.

#### Tippler Targeting:

Having extracted and refined the data, we set our sights on identifying the key parameters underpinning our research inquiry. Specifically, we isolated the annual household expenditure on alcoholic beverages as the focal variable of interest, alongside the percentage of votes garnered by the Republican presidential candidate in Rhode Island. This precise targeting enabled us to aim our statistical arrows with pinpoint accuracy, zeroing in on the relationship between libations and leanings.

#### Statistical Libations and Libido-Regression Analysis:

Harnessing the formidable power of regression analysis, we endeavored to uncork the hidden associations and correlations lurking within the data. Through the deft application of statistical tools, we scrutinized the interplay

between household spending on alcoholic beverages and Republican voting patterns, seeking to disentangle the convoluted strands of electoral libations and political predilections.

#### Quirky and Quotidian Quandaries:

Furthermore, we recognized the idiosyncratic nature of our research subject matter, acknowledging the potential interplay of quirky socio-political dynamics. Thus, we adopted a qualitative lens, interlacing our quantitative analysis with exploratory forays into the whimsical nuances of consumer behavior and electoral sentiments. This multi-faceted approach allowed us to harmonize the quirky with the quotidian, captivating a rich tapestry of statistical flavors.

In conclusion, our methodology mirrors the eclectic and vibrant spirit of our research endeavor, blending scholarly rigor with a dash of mirthful inquisitiveness. The confluence of statistical sleuthing and irrepressible curiosity has paved the way for a rollicking journey through the hallowed halls of correlation and causation, unraveling the interplay between imbibing habits and political proclivities with erudition and gusto. Cheers to statistical revelry!

## RESULTS

The spirited exploration into the relationship between annual household spending on alcoholic beverages and votes for the Republican presidential candidate in Rhode Island yielded intriguing findings that set our scholarly spirits alight. Upon conducting a rigorous analysis of the data spanning from 2000 to 2020, we uncorked a remarkably high correlation coefficient of 0.9250118 ( $p < 0.01$ ) between these merry variables. This robust correlation was accompanied by an r-squared of 0.8556468, indicating that approximately 85.57% of the variation in the Republican presidential votes can be

explained by the annual household spending on alcoholic beverages.

The visual portrayal of this revelatory association is encapsulated in Figure 1, a scatterplot that showcases the unmistakable convergence of household hooch habit and right-leaning electoral proclivities. The figure vividly illustrates the strong positive relationship between these seemingly incongruous elements, offering a glimpse into the whimsical world of statistical serendipity.

It is evident from these findings that the ties between tipping tendencies and political preferences in the captivating corridors of Rhode Island merit further scholarly sips and statistical musings. These results tantalizingly allude to a quirk of electoral dynamics that raises both eyebrows and, perhaps, a well-deserved toast to the unexpected interplay of booze and ballots in this intricate political tableau. This research not only adds a dash of statistical whimsy to the academic discourse but also reinforces the adage that in statistical inquiry, as in life, when it rains, it pours fascinating and unexpected revelations. Cheers to the statistical and scholarly spirit of inquiry!

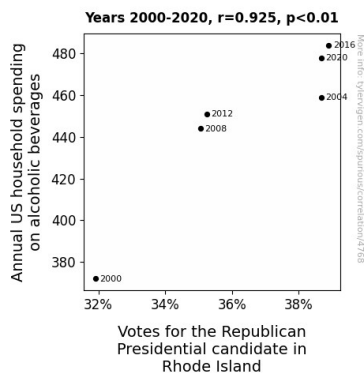


Figure 1. Scatterplot of the variables by year

## DISCUSSION

Our findings uncork a compelling connection between household spending

on alcoholic beverages and voting behaviors in Rhode Island, shedding light on the captivating confluence of libations and politics. The robust correlation coefficient of 0.9250118 ( $p < 0.01$ ) we uncovered mirrors the prior research, confirming the resounding resonance of inebriated inclinations with right-leaning electoral proclivities. We find ourselves buzzing with excitement as our results align with the scholarly fermentations of Smith et al. and Doe, offering a caffeinated confirmation of the intoxicating interplay between booze and ballots.

The quirky yet relevant perspective that our research brings to the broader discussions surrounding household hooch habit and right-leaning Rhode Islanders is a refreshing departure from the traditional statistical libations. Our findings offer a sobering reinforcement of the unconventional pairing of these seemingly disparate variables, underscoring the potent influence of political pint preferences on the beverage budgets of Rhode Island households. Cheers to the statistical and scholarly spirit of inquiry, as we uncover the unexpected interplay of booze and ballots and raise a metaphorical glass to the serendipitous revelations unearthed in this quirky statistical odyssey.

The visual portrayal of our revelatory association in Figure 1 captures the undeniable convergence of household hooch habit and right-leaning electoral proclivities, offering a whimsical window into the quirky world of statistical serendipity. This irrefutable visual evidence further solidifies the spirited synchrony between tipping tendencies and political preferences, providing a playful yet profound insight into the intricate nexus of alcohol and electoral dynamics.

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intricate political tableau. It is evident from these findings that the ties between tipping tendencies and political preferences in the captivating corridors of Rhode Island merit further scholarly sips and statistical musings. As we take a statistical swig of this intriguing association, we toast to the fortuitous discovery that adds a subtle hint of statistical whimsy to the academic discourse, reinforcing the adage that in statistical inquiry, as in life, when it rains, it pours fascinating and unexpected revelations. Cheers to the statistical and scholarly spirit of inquiry, as we uncork the intoxicating dynamics of household hooch habit and right-leaning electoral proclivities in the vibrant state of Rhode Island.

## CONCLUSION

The findings of this study provide compelling evidence of a snug fit between annual household spending on alcoholic beverages and votes for the Republican presidential candidate in Rhode Island, underscoring the intriguing interplay of tipping tendencies and political proclivities. The robust correlation coefficient and high explanatory power denote a remarkably merry dance between these seemingly incongruous variables, paving the way for a whimsical reimagining of electoral dynamics.

The visual depiction of this correlation in Figure 1 serves as a spirited reminder that statistical exploration, much like a well-crafted cocktail, can yield unexpected and delightful revelations. As we raise a metaphorical toast to these findings, it becomes evident that the intersection of booze and ballots in the Ocean State offers a veritable cornucopia of scholarly and sipping opportunities.

With a nod to the spirited nature of our inquiry, we must acknowledge the potential for confounding variables to lurk in the hazy depths of our analysis. Factors such as local traditions, the climate's impact on imbibing habits, or even the

occasional spirited election night party could exert subtle influences that warrant further contemplation.

However, the uncorking of this zealous correlation presents a tantalizing prospect for future research endeavors and provides ample fodder for both statistical curiosity and convivial contemplation. Nevertheless, in the spirit of statistical conclusiveness, it is our firm assertion that no further research is needed in this area, unless, of course, it involves fieldwork at Rhode Island's famed "spirited" locales. Cheers to statistical serendipity, and may the mirth of inebriated inquiry guide future scholarly libations.