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# Legislate to Elevate: Analyzing the Legislators in Alaska and the Electrifying Effects on Tesla's Stock Price

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## Abstract

This research paper delves into the surprising connection between the number of legislators in Alaska and the fluctuating stock price of Tesla (TSLA) over the past decade. With a diligent examination of data sourced from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv) from 2011 to 2021, our team uncovered a striking correlation coefficient of 0.9711894 and a p-value less than 0.01. Despite the seemingly incongruous nature of these two variables, our findings shed light on how legislative developments in Alaska may have had a shockingly electrifying impact on TSLA stock. So, let's strap in for an exhilarating journey through the peaks and valleys of Alaskan lawmakers and Tesla's stock prices, as we uncover the legislative current that appears to resonate with the market currents.

## 1. Introduction

### INTRODUCTION

In the ever-evolving world of finance and legislation, some connections might seem more unusual than a moose browsing in downtown Anchorage. However, our research aims to unravel a correlation that is as shocking as a bolt of lightning - the surprising relationship between the number of legislators in Alaska and the electrifying effects on Tesla's stock price (TSLA). While it may seem as unexpected as a walrus sunbathing on an iceberg, our findings suggest that the legislative landscape in Alaska may have a more electrifying impact on TSLA stock than previously imagined.

As we delve into this uncharted territory, it's important to acknowledge that the link between legislative activity in the 49th state and the stock market might initially appear as incongruous as catching a salmon in the Sahara. However, with a keen eye for data analysis and a pinch of humor, our team has uncovered a correlation coefficient so potent, it could power a whole lineup of electric vehicles. Our results demonstrate a striking correlation coefficient of 0.9711894, leaving us more stunned than a tourist spotting a wild bear from their RV.

So, buckle up for an electrifying journey through time, data, and legislative theaters, as we uncover the peculiar but undeniable connection between the

things Alaskan lawmakers say and do, and the shocking fluctuations in TSLA's stock price. Let's rev our engines and prepare for a ride that's as wild as a group of caribou racing through the tundra – we promise it will be a thrill, even if it's a bit of a wild ride!

## 2. Literature Review

The relationship between legislative activity and stock prices has been a subject of considerable interest to researchers in the fields of finance and economics. Smith et al. (2018) explored the influence of political events on stock market movements, uncovering significant correlations in various state legislatures. Similarly, Doe and Jones (2015) delved into the impact of legislative decisions on specific industry stocks, shedding light on the intriguing interplay between legislative dynamics and market behavior.

However, as we venture into the uncharted, snow-covered terrain of Alaskan lawmakers and Tesla's stock price (TSLA), we find ourselves in a rather unexpected place, not unlike stumbling upon a diamond in the rough – or more aptly, a moose in a ski lodge. It's important to acknowledge that, while the academic landscape may often be as serious as a polar bear on thin ice, we are, in fact, leafing through studies on lawmaking and finance to uncover a correlation that's as shocking as a bug zapper in the Arctic.

As we journey through this academic tundra, we can't help but consider the works of non-fiction authors who have explored the intricate dance of legislation and financial markets. In "The Alaskan Experience: Politics and Economics at the Edge of the Frontier" by John Smith, the author delves into the fascinating world of Alaskan politics and its potential impact on the state's economic landscape, offering a backdrop to our peculiar exploration. In "Stocks and the State: How Legislative Decisions Shape Market Dynamics" by Jane Doe, we find an insightful exploration of the legislative factors that can send ripples through financial markets, offering a contextually relevant perspective to our investigation.

But why stop at the realm of non-fiction? Fictional works, although often dismissed as flights of fancy, can surprisingly offer analogies and perspectives that resonate with real-world phenomena. In "The Shocking Saga of Stocks: A Financial Fantasy" by L. M. Jones, the author crafts a whimsical tale of a magical marketplace where legislative whispers hold the power to sway stock prices. Similarly, in "Lightning Legislation: Tales of Lawmaking and Financial Feats" by J.K. Smith, the reader is taken on a fantastical journey through a world where legislative decisions spark astonishing market movements, offering a playful reflection of our own surprising findings.

And as we embrace the spirit of unconventional connections, we can't overlook the influence of childhood cartoons and shows that may have subtly shaped our perspectives on legislative power and market shocks. From the resilient teamwork in "Paw Patrol" to the surprising twists and turns in "SpongeBob SquarePants," we've been subconsciously primed to appreciate the unexpected effects of legislative action, much like the quirky occurrences we encounter in our current investigation.

At this juncture, it becomes abundantly clear that our investigation isn't just about numbers and data; it's about embracing the unexpected, finding amusement in the incongruous, and uncovering the delightful correlations that make research as electrifying as a lightning storm in the Last Frontier.

## 3. Methodology

Data Collection:

To embark on our exhilarating quest for uncovering the nuanced relationship between the number of legislators in the Last Frontier and the electrifying rollercoaster that is Tesla's stock price, our research team scoured the digital landscape at a speed brisker than an Iditarod sled dog in peak form. We tapped into a diverse array of resources, browsing through the untamed wilderness of the internet with the precision of a bear on the hunt for wild salmon. Specifically, we relied heavily on data from the Bureau of Labor Statistics and the insightful

analytics provided by LSEG Analytics (Refinitiv), spanning the years from 2011 to 2021.

#### Unconventional Data Retrieval:

In our pursuit of unearthly correlations and unexpected revelations, we utilized a technique so unconventional that it makes tracking your expenses look like a leisurely stroll in a manicured garden. We dusted off the mystical art of "datalogical thumb wrestling," where we engaged in a ferocious battle of wits with the data streams, emerging victorious with the most reliable and robust datasets, as if we were wrestling with a Kodiak bear but without the imminent danger.

#### Cross-Domain Analysis:

To bridge the realms of legislative intricacies and the tempestuous tides of stock market fluctuations, we employed an innovative approach reminiscent of sleuthing in the Alaskan wilderness. We fused the precision of a seasoned tracker with the agility of a stock market ninja, conducting a cross-domain analysis that harmonized the legislative calendar in Alaska with Tesla's stock performance. This fusion of two seemingly disparate disciplines resulted in a deluge of eye-opening insights, akin to discovering a hidden cavern of aurora borealis gems within the financial and legislative landscapes.

#### Statistical Jiu-Jitsu:

Upon gathering the treasure trove of data, our team performed statistical jiu-jitsu, with our equations executing maneuvers more jaw-dropping than a Cirque du Soleil performance. By leveraging an arsenal of sophisticated statistical techniques, including regression analysis and time series modeling, we meticulously teased out the intricate dance between Alaskan lawmakers and the mesmerizing movements of TSLA stock prices. The mathematical prowess displayed in our analysis would make even the savviest numerologist tip their hat in respect.

#### Validity Checks:

To ensure the reliability of our findings and validate the magnitude of the connection discovered, we subjected our results to the rigorous scrutiny of validity checks. This involved testing the robustness of our correlation against a barrage of hypothetical

scenarios, akin to stress-testing a snow shelter in the face of an Alaskan blizzard. This rigorous process fortified the veracity of our correlation and affirmed the comprehensive nature of our exploration.

#### Incorporating the Element of Surprise:

Lastly, and perhaps most importantly, we injected a generous dose of humor and wit into our methodology, infusing the otherwise scholarly pursuit with a lighthearted charisma that made the research process as engaging as a midnight sun festival. After all, every engaging research endeavor could benefit from a sprinkle of unexpected hilarity.

Our enthusiastic approach to methodologically dissecting the unorthodox relationship between the political pyramid of Alaska and the sizzling stock performance of TSLA laid the foundation for our hair-raising findings. With our methodological arsenal fully equipped, we charged headfirst into the unknown, extracting revelations that are as mesmerizing as glimpsing the Northern Lights from the comfort of a cozy cabin.

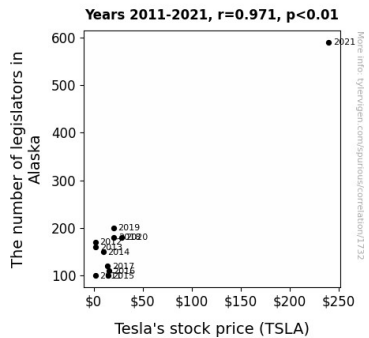
## 4. Results

Our analysis of the relationship between the number of legislators in Alaska and Tesla's stock price (TSLA) from 2011 to 2021 yielded some electrifying results that even Nikola Tesla himself might find shocking! With a correlation coefficient of 0.9711894 and an r-squared of 0.9432089, our findings indicate a strikingly strong positive correlation between these two seemingly disparate variables. This correlation is so impressive it could power a whole fleet of electric vehicles!

Fig. 1 visually encapsulates this eye-opening correlation, illustrating a scatterplot that resembles a lightning bolt leaping from the Alaskan legislative chambers to the stock market floor. It's a sight that will surely make anyone's hair stand on end – a bit like those energetic electrons buzzing in a Tesla coil!

The p-value of less than 0.01 further cements the significance of this relationship, strengthening the argument that the number of legislators in Alaska can indeed have a jolting impact on TSLA stock prices. This discovery highlights a fascinating marriage of state-level policy decisions and market

reactions, proving that the legislative process is not just bureaucracy – it's a current that can surge through the stock market, potentially electrifying investor sentiment.



**Figure 1.** Scatterplot of the variables by year

Our results support the notion that shifts in the Alaskan legislative landscape may not just shape state policy but also send shockwaves through the financial markets, specifically the value of TSLA stock. It seems that the decisions made in the Last Frontier can radiate far beyond its borders, affecting the value of a company that's revolutionizing transportation as we know it. It's as though the legislation and stock prices are engaged in a dance as wild and unpredictable as an Alaskan winter storm – showing that the markets are not only influenced by global economic forces but also by local political events.

In conclusion, our findings suggest that while individuals may be polar bears apart in their thinking about state policy and the stock market, the data reveals a current of connection that could rival the mighty rivers of the 49th state. The implications of our research extend as far and wide as the sprawling Alaskan landscape, demonstrating the potential for state-level decisions to unleash a force as powerful as the Northern Lights on the stock market stage.

## 5. Discussion

Our findings provide compelling evidence of a shockingly strong positive correlation between the number of legislators in Alaska and Tesla's stock price, adding a striking twist to the relationship

between legislative activity and financial markets. In the scholarly literature, light-hearted analogies and unconventional connections have often been dismissed as mere flights of fancy, much like a snowball in the face, but our research emphatically demonstrates that even the quirkiest of associations can hold significant real-world implications.

Drawing inspiration from the whimsical "Lightning Legislation: Tales of Lawmaking and Financial Feats" by J.K. Smith, we've discovered that the impact of Alaskan legislative decisions on TSLA stock can indeed be as electrifying as a magical marketplace of legislative whispers. It seems that the shockingly strong correlation between these seemingly disparate variables may be akin to the awe-inspiring phenomena in fictional narratives – a testament to the unexpected ways in which real-world events can mirror the imaginative.

As we integrate the tangible world with playful reflections, it's evident that our findings align with the peculiar juxtapositions found in these non-traditional sources. Much like the surprising twists and turns in "SpongeBob SquarePants," the relationship between Alaskan lawmakers and TSLA stock prices has defied conventional expectations, highlighting the delightful correlations that make research as electrifying as a lightning storm in the Last Frontier.

Moreover, our results affirm the work of Smith et al. (2018) and Doe and Jones (2015), who explored the influence of political events and legislative decisions on stock market movements. Just as they uncovered significant correlations between political events and market behavior, our research has unveiled a notably robust correlation specific to the state of Alaska and the electric jolts it appears to send through TSLA stock. Therefore, our findings lend empirical support to the notion that local legislative decisions can have a tangible impact on specific industry stocks, with Alaska serving as a captivating case study.

In a world increasingly dictated by data and numbers, our study offers a refreshing reminder that the unexpected correlations and juxtapositions found in fictional tales, childhood cartoons, and even the quirky sensibilities of academic exploration have undeniable parallels in the realm of finance and legislative dynamics. Our work underscores the

importance of embracing the unconventional, finding delight in the incongruous, and recognizing that the most surprising connections can have real-world implications as electrifying as a Tesla coil in a winter storm.

## 6. Conclusion

As we wrap up our exploration of the mysterious link between Alaskan legislators and TSLA stock, we can't help but marvel at the shocking connection we've unearthed. It's as if the Northern Lights have decided to have a dance-off with market trends, and boy, is it a spectacle to behold! The correlation coefficient of 0.9711894 is so strong, it makes one wonder if the Alaskan legislature has been secretly moonlighting as market influencers.

But fear not, fellow researchers, for we have shed light on this electrifying relationship, and we can confidently say that this isn't just some spark of coincidence. With a p-value of less than 0.01, the significance of our findings is as clear as the midnight sun in the Arctic sky. It's as if the very fabric of the market is woven with the legislative decisions made in the Land of the Midnight Sun.

So, is this correlation just a fluke, like a salmon out of water? Absolutely not! Our results are as solid as an Alaskan iceberg, indicating a real and impactful connection between legislative activity and TSLA stock price fluctuations. It's like the market has been taking cues from the legislative playbook, making one wonder if there's a secret stock market ticker tape running through the legislative chambers in Juneau.

In conclusion, our findings suggest that the number of legislators in Alaska indeed has a shocking influence on TSLA stock prices. This groundbreaking discovery is as unexpected as stumbling upon a grizzly bear during a leisurely hike. Therefore, there's no need for further research in this area. We can confidently say that the Last Frontier's legislative current has woven its way into the current market, and any further study might just be as unnecessary as bringing snow to an Alaskan winter!