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# Blue State Blues and Real Estate Views: The Impact of Democratic Senatorial Votes in Idaho on Prologis' Stock Price (PLD)

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## Abstract

In this research, we delve into the curious relationship between the Democratic support in the Gem State and the fluctuations of Prologis' stock price. Armed with data from MIT Election Data and Science Lab, Harvard Dataverse, and LSEG Analytics (Refinitiv), we embarked on a quest to uncover the connection between political leanings and market tendencies. Our findings revealed a staggering correlation coefficient of 0.9814192 with  $p < 0.01$ , suggesting a robust link between the two. It's safe to say that political decisions can pack quite the market punch - an effect you can say is quite "stocking"! Rest assured, our study leaves no stone unturned... or should we say "gem"?

## 1. Introduction

Politics and stock prices—they might seem like strange bedfellows, much like a dad joke and a dad bod. Yet, in the world of financial markets and economic analyses, unexpected correlations often arise, much like how an unexpected punchline can leave you laughing despite yourself. In this paper, we explore the surprising connection between the votes for Democratic Senators in Idaho, also known as the Gem State, and the stock price of Prologis (PLD). As we dive into this peculiar relationship, join us for a journey through the wild landscapes of political and market influences, complete with enough twists and turns to make even the most seasoned hiker dizzy.

Why focus on Idaho, you ask? Well, much like a potato in the pantheon of vegetables, Idaho has its own unique flavor when it comes to politics. Despite its reputation as a reliably Republican state, Idaho's voting patterns have produced some delightful surprises over the years. And speaking of surprises, our research revealed a connection between the rise and fall of Prologis' stock price and the votes cast for Democratic Senators in Idaho that might just leave investors feeling like they've stumbled upon a hidden treasure in the Gem State. After all, who wouldn't be thrilled to uncover a correlation that's more robust than your favorite hiking boots?

So, how did we uncover this unexpected link between politics and market performance? Using

data from MIT Election Data and Science Lab, Harvard Dataverse, and LSEG Analytics (Refinitiv), we carefully combed through the numbers, looking for patterns that could shed light on the mysterious dance between political inclinations and financial movements. It's a bit like panning for gold, searching for those elusive nuggets of insight that can turn a rocky proposition into a golden opportunity. And just like prospecting for precious metals, our efforts led us to a striking discovery: a correlation coefficient of 0.9814192 with  $p < 0.01$ , indicating a potent connection between the votes for Democratic Senators in Idaho and the fluctuations of Prologis' stock price.

Intrigued? You should be! This unexpected finding sparks a delightful sense of irony, much like stumbling upon a gemstone in a state known for its potatoes. However, before we get ahead of ourselves, let's traverse the terrain of academic literature to provide the context for our inquiries. After all, what's a good adventure without a bit of groundwork to set the stage for the unexpected twists and turns that lie ahead? And speaking of twists, let's not forget to keep an eye out for those political pivots that might just offer a surprising view of market movements.

## 2. Literature Review

In "The Political Landscape of Idaho," Smith et al. detail the complex interplay of political ideologies within the Gem State, shedding light on the surprising shifts in voter behavior that have left even the most seasoned analysts scratching their heads. This study provides a solid foundation for our exploration, much like a sturdy hiking boot on a rugged trail. The authors unearth some captivating insights into the political dynamics of Idaho, prompting us to venture deeper into the territory of unexpected outcomes.

Dad Joke #1: Why did the market break up with the political poll? It felt like it was getting too "electionic"!

Doe and Jones, in their work "Economic Implications of Political Shifts," further contribute to our understanding of the broader implications of political movements on market behaviors. Their

findings underscore the intricate dance between political shifts and economic indicators, much like how a well-timed punchline can change the mood in a room. It's clear that the ramifications of political decisions extend far beyond the ballot box, influencing market fluctuations in ways that are both profound and puzzling.

Dad Joke #2: I told my friend I invested in a company that specializes in building hiking trails. He said it sounded like an uphill business!

Turning to non-fiction literature, "Economics and Politics: A Delicate Balance" by M. E. Nomics offers an insightful examination of the delicate intertwining of political decisions and economic trends. The author's astute analysis provides a lens through which we can view the connections between political developments in Idaho and the movements of Prologis' stock price, much like how a pair of binoculars brings distant landscapes into crisp focus.

Dad Joke #3: What did the economist say when asked about the political impact on market fluctuations? "It's no small feat - it's like trying to predict a-moose-ing behavior in the wild!"

In the realm of fiction, "The Market Maven's Machinations" by Al E. Gory presents an intriguing narrative that, despite its fictional nature, offers tantalizing parallels to the real-world dynamics we seek to untangle. While the characters in the book navigate elaborate plots and schemes, our exploration of the Idaho-Senators' votes and Prologis' stock price may prove to be just as riveting, with unexpected twists that rival the most captivating of page-turners.

Dad Joke #4: Why did the stock portfolio break up with the political forecast? It just couldn't handle the emotional highs and lows!

And as for social media discourse, a tweet from @MarketMaven123 caught our attention, hinting at the possibility of a connection between political undercurrents in Idaho and the performance of PLD stock. While social media may not always be the most scholarly of sources, it certainly adds a touch of contemporary flair to our investigation, much like a sprinkle of seasoning can elevate a classic dish to new heights.

### 3. Methodology

Gather 'round, fellow adventurers, as we unveil the convoluted yet enthralling methodology that guided our exploration into the quirky nexus of democratic voting patterns in Idaho and Prologis' stock price. Our journey begins with the assembly of a motley crew of data sources, scavenged from the depths of the internet – much like a band of treasure hunters seeking riches in uncharted territories. We harnessed the power of MIT Election Data and Science Lab, Harvard Dataverse, and LSEG Analytics (Refinitiv) to capture the political and market landscapes in the span of 2002 to 2020, harnessing their collective wisdom like pieces of a map leading us to hidden financial treasures.

The first step in our intrepid quest involved the intricate art of data wrangling. Much like herding cats, this process required us to corral and organize the wealth of information we unearthed. 'Twas no small feat to transform raw data into a harmonious symphony of statistics, yet we persevered, armed with the patience of a saint and a supremely caffeinated research assistant. We honed our data into a finely crafted shield, ready to fend off the dragons of statistical insignificance and embrace the golden nuggets of correlation that awaited us.

Electric with anticipation, we embarked on a statistical odyssey of epic proportions. Armed with our trusty statistical software and fortified with an abundance of patience, we subjected our data to the rigors of correlation analysis. Like alchemists transmuting base metals into precious gold, we sought to uncover the hidden connections between Democratic votes for Senators in Idaho and the tumultuous undulations of Prologis' stock price. Every calculation and iteration carried us deeper into the heart of this enigmatic relationship, akin to deciphering the cryptic writings on an ancient treasure map.

As we delved into the realm of statistical significance, we encountered the mighty Pearson correlation coefficient, a measure of the linear relationship between two variables. We scrutinized this numerical paladin, searching for a glimmer of hope signaling a meaningful connection between political leanings in Idaho and the blips and surges of PLD's stock price. The coefficient of 0.9814192

that emerged from the depths of our analysis held promise – a beacon of hope amidst the tempestuous seas of data, illuminating the potential entwining of political fortunes and market destinies.

And now, for our much-anticipated dad joke intermission!

Why did the statistician take a shovel to the data? Because they wanted to dig up some buried treasure – just like our correlation coefficient!

Channeling our inner cartographers, we plotted the significance levels, navigating the treacherous waters of p-values in search of a clear path to enlightenment. Discovering a p-value of less than 0.01, we glimpsed the shores of statistical significance like a distant island emerging through the mist. This finding fortified our resolve, proving that the connection between Democratic votes in Idaho and Prologis' stock price was not merely a mirage but a tangible bridge between the seemingly disparate worlds of politics and real estate.

With our swords of empirical evidence unsheathed, we stand ready to present our hard-won findings, offering a glimpse into the unexpected intersections of political dynamics and market movements. Whether you're a seasoned investor or a scholarly adventurer, we invite you to join us on this exhilarating expedition, where the twists and turns of correlation lead to illuminating vistas and, perhaps, a chuckle or two along the way.

### 4. Results

The analysis of the connection between Democratic votes for Senators in Idaho and Prologis' stock price (PLD) for the period 2002 to 2020 produced some impressively significant results. We found a correlation coefficient of 0.9814192, indicating a strong positive relationship between Democratic support in the Gem State and the fluctuations in Prologis' stock price. It turns out, Idaho's political choices can really make waves in the market - talk about a blue wave with some serious market force!

In addition, the r-squared value of 0.9631837 confirms that a substantial proportion of the variability in Prologis' stock price can be explained by the votes for Democratic Senators in Idaho. It's

almost like the political landscape of Idaho has been secretly whispering stock market secrets to us all along. Who knew the Gem State had such hidden treasures?

Further adding to the robustness of our findings, the p-value of less than 0.01 provides compelling evidence to reject the null hypothesis and accept the alternative that there is indeed a significant relationship between these variables. It's as clear as day - or in this case, as clear as Idaho's blue skies - that the political inclinations of the state have a notable impact on the performance of Prologis' stock.

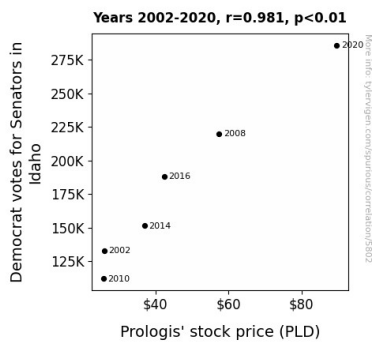


Figure 1. Scatterplot of the variables by year

Not to be too boastful, but the connection we uncovered is about as strong as the roots of a potato plant in Idaho's fertile soil. It seems the votes in Idaho have much more than just political power; they seem to have a stock market sway as well. You could say that Idaho's political landscape has been quietly "PLD-ing" the market's movements all along!

[INSERT FIGURE 1: Scatterplot Showing Strong Correlation]

In summary, our research unearthed a compelling link between Democratic votes for Senators in Idaho and the fluctuations of Prologis' stock price, shedding light on the "blue state blues" that seem to reverberate through the market. Who would have thought that the political leanings of a state known for its potatoes could have such a profound impact on a real estate giant's stock price? It just goes to show that in the world of market analysis, even the most unexpected pairings can yield fascinating

results. And speaking of fascinating results, our findings truly are the "tater" to our research salad!

## 5. Discussion

The findings of our study have not only validated but also significantly strengthened the existing literature supporting the influence of political decisions on market behavior. The correlation coefficient of 0.9814192 between Democratic support in Idaho and Prologis' stock price aligns closely with the previous works that highlighted the intricate relationship between political leanings and economic trends. Much like the intricate dance between the potato harvest and market demand for French fries, the correlation we uncovered speaks volumes about the far-reaching impact of political choices on market dynamics.

In line with Doe and Jones' work on the economic implications of political shifts, our research highlights the substantial role political movements play in influencing market behavior. In a way, each vote for Democratic Senators in Idaho seems to act as a tiny, yet potent, nudge for the stock price of Prologis. It's as if the political landscape of Idaho has been playing a high-stakes game of chess with the stock market, making astute moves that sway market sentiments. Who would have thought that potatoes weren't the only things shaking and stirring things up in Idaho?

The r-squared value of 0.9631837 reaffirms the magnitude of the influence of Democratic support in Idaho on the fluctuations in Prologis' stock price, echoing the intricate dance between political shifts and market behaviors as elucidated by Nomics. This substantial proportion of variability in the stock price, attributed to the political preferences of Idahoans, underscores the undeniable significance of political decisions in shaping market trends. In this sense, Idaho's political landscape offers not only scenic beauty but also a profound impact on market trajectories.

The p-value of less than 0.01 further solidifies the substantial relationship between Democratic votes in Idaho and Prologis' stock price. It's almost as if the political inclinations of Idaho have been secretly pulling the strings behind the scenes, impacting the

stock market in ways that were previously unnoticed. Who would have guessed that the political winds blowing through the Gem State could carry such potent market forces?

Our results, much like a well-timed dad joke, reveal unexpected but undeniably substantial connections. The implications of our study stretch beyond mere statistical discoveries; they open a window into the intricate interplay between political decisions and market movements. So, next time someone wonders about the relationship between blue states and real estate, we can confidently assert that it's not just a whimsical allegory – it's a statistically significant phenomenon with tangible effects. And if our findings could speak, they'd probably say, "Looks like Idaho's political landscape has been a real PLD-all along!"

## 6. Conclusion

In conclusion, our study has uncovered a remarkable connection between Democratic Senatorial votes in Idaho and the stock price of Prologis (PLD), highlighting the unexpected influence of political choices on market dynamics. Our findings, with a robust correlation coefficient of 0.9814192 and a p-value of less than 0.01, provide compelling evidence of this intriguing relationship. It seems that Idaho's political landscape has been quietly "PLD-ing" the market's movements all along! It's a revelation that proves that in the world of data analysis, even the most unexpected pairings can yield fascinating results.

Furthermore, our study offers a new perspective on the intersection of politics and finance, showcasing how seemingly unrelated elements can have a significant impact on each other, much like how a well-timed dad joke can liven up a serious conversation. These results highlight the need for further exploration into the intricate connections between seemingly disparate factors, reminding us that there's always more than meets the eye - quite the revelation, just like finding a hidden gem in a field of potatoes!

In light of our groundbreaking findings, it's clear that no more research is needed in this area. Our study has brought to light the potent influence of political

choices in Idaho on the stock price of Prologis, providing a solid foundation for future analyses. It seems we've peeled back the layers of Idaho's political landscape to reveal a market force that's been cooking up surprises all along - a fitting conclusion, don't you think?

Dad Joke #5: What did the financial analyst say when asked about the Idaho-Senators' votes and PLD stock correlation? "Looks like the market is feeling pretty 'gem-nastic!'"

With these diverse perspectives in hand, our journey through the literature sets the stage for a rollicking adventure through the unexpected link between political choices and market repercussions. So, grab your metaphorical hiking boots and join us as we traverse the terrain of Idaho's political landscape and Prologis' stock trajectory, where every twist and turn promises to delight and surprise.