

Did Short Selling Bans in 2008 Lower Long-Term Volatility in the Healthcare Sector of the S&P500? Zackley Pearson¹

volatility specifically in the medical sector.

Beneficiaries of this research include:

-Individual investors

-Policy makers

-Future short selling researchers.

The following method was used to test the research question:

- Change the daily observations to monthly observations.
- Create a time series plot of the S&P data.

- long term volatility.

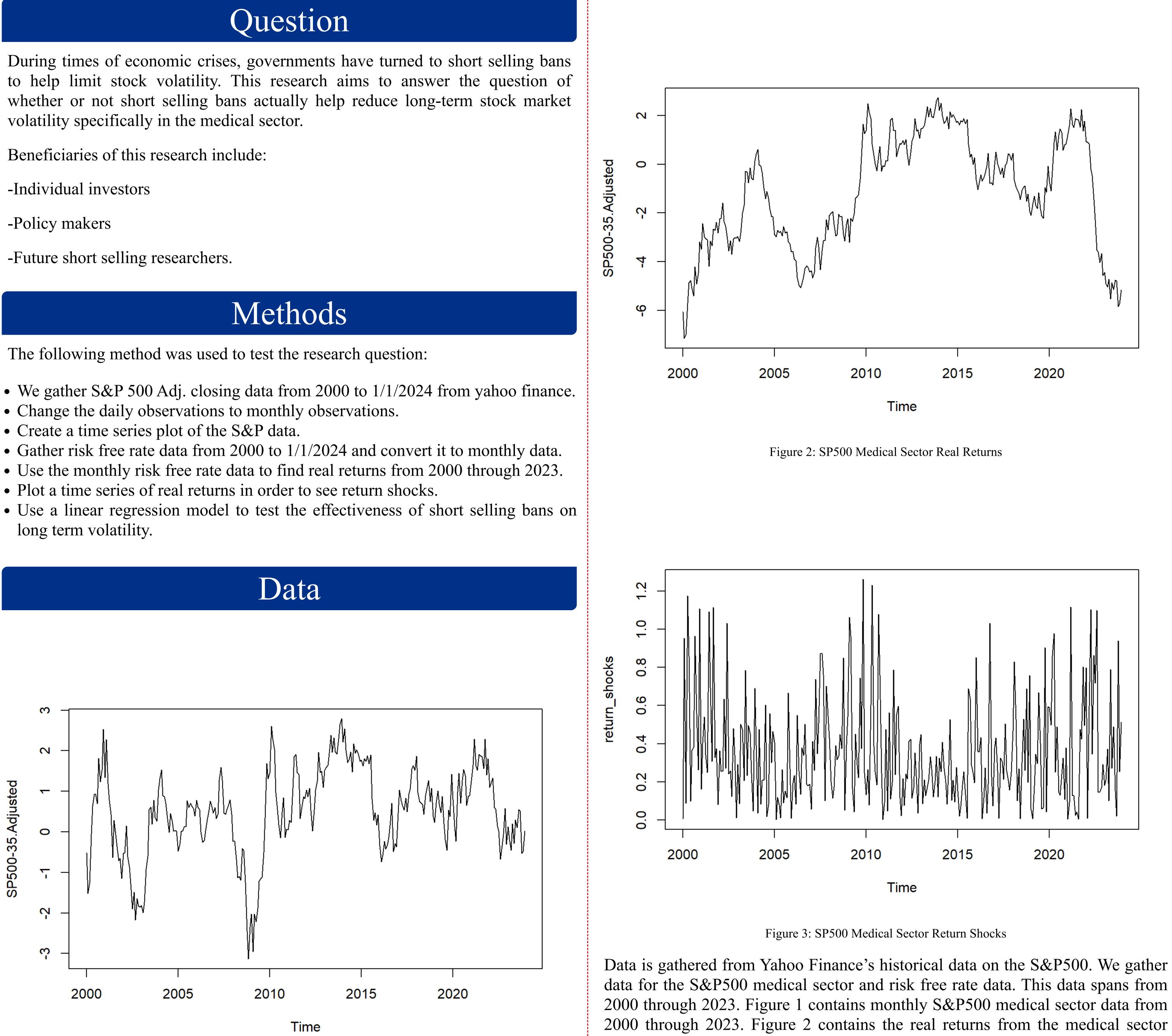


Figure 1: SP500 Medical Sector Data

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Re	Regression Model Estimates	
Regression		
	Dependent variable:	
	Returns	
After the Ban	-0.027	
	(0.035)	
Before the Ban	0.372***	
	(0.028)	
Observations	288	
\mathbb{R}^2	0.002	
Adjusted R ²	-0.001	
Residual Std. Error	r $0.286 (df = 286)$	
F Statistic	0.586 (df = 1; 286)	
Note:	<i>p<0.1; p<0.05; p<0.0</i>	

the implementation of the short selling ban.

There was no significant change in the long-term expected returns from the medical sector of the S&P 500 after the implementation of short selling in 2008. This shows that there is no real change in volatility from before the short selling ban is enacted to after the ban has been removed.

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ts from 2000 through

• The table above shows the difference of means in real returns before and after

Conclusion

References