Circuit breakers as market stability levers: A survey of research, praxis, and challenges

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Abstract
Circuit breaker, an automated regulatory instrument employed to deter panic, temper volatility, and prevent crashes, is controversial in financial markets. Proponents claim it provides a propitious time out when price levels are stressed and persuades traders to make rational trading decisions. Opponents demur its potency, dubbing it a barrier to laissez-faire price discovery process. Since conceptualization in 1970s and practice from 1980s, researchers focused mostly on its ability to allay panic, interference in trading, volatility transmission, prospect of self-fulfilling prophecy through gravitational pull towards itself, and delayed dissemilation of information. Though financial economists are forked on circuit breakers usefulness, they are a clear favourite among regulators, who downplay the reliability of anti-circuit breaker findings citing, inter alia, suspect methodology, and lack of statistical power. In the backdrop of 2007-2008 Crisis and 2010 Flash Crash, the drumbeats for more regulatory intervention in markets grew louder. Hence, it's unlikely that intervening mechanism such as circuit breakers will ebb. But are circuit breakers worth it? This paper synthesizes three decades of theoretical and empirical works, underlines the limitations, issues, and methodological shortcomings undermining findings, attempts to explain regulatory rationale, and provides direction for future research in an increasingly complex market climate.

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1. On the magnet effect of price limits
   By: Abad, David
   EUROPEAN FINANCIAL MANAGEMENT Volume: 13 Issue: 5 Pages: 833-852 Published: NOV 2007
   Times Cited: 15

2. Evaluating VPIN as a trigger for single-stock circuit breakers
   By: Abad, David; Massot, Magdalena; Pascual, Roberto
   JOURNAL OF BANKING & FINANCE Volume: 86 Pages: 21-36 Published: JAN 2018
   Times Cited: 1

   By: Abad, David; Pascual, Roberto
   MARKET MICROSTRUCTURE IN EMERGING AND DEVELOPED MARKETS: PRICE DISCOVERY, INFORMATION FLOWS, AND TRANSACTION COSTS Series: Robert W Keil Series in Finance Pages: 303-324 Published: 2013
   Times Cited: 4

4. An experimental study of circuit breakers: The effects of mandated market closures and temporary halts on market behavior
   By: Ackert, L; Church, B; Narayan, J.
   Times Cited: 17

5. Title: [not available]
   By: Aktas, O. U.
   Three essays on the microstructure of the BIST Published: 2016
   Publisher: Concordia University, Montreal, Quebec, Canada
   Times Cited: 2

6. Market microstructure and securities values: Evidence from the Tel Aviv Stock Exchange
   By: Amihud, Y; Mendelson, H; Lauterbach, B
   JOURNAL OF FINANCIAL ECONOMICS Volume: 45 Issue: 3 Pages: 365-390 Published: SEP 1997
   Times Cited: 160

7. A two-stage non discretionary trading suspension mechanism: Effects on market quality
   By: Anolli, M.; Petrella, G.
   MRPA Paper No. 7931 Published: 2007
   Publisher: University Library of Munich
   Times Cited: 1

8. Price Limits, Information Acquisition, and Bid-Ask Spreads: Theory and Evidence
   By: Anshuman, V; Ravi, Subrahmanya; Avanidhar
   Economic Notes Volume: 28 Issue: 1 Pages: 91-118 Published: 1999
   Times Cited: 3

9. Can position limits restrain 'vogue' trading?
   By: ap Gwilym, Rhys; Ebrahimi, M. Shahid
   JOURNAL OF BANKING & FINANCE Volume: 37 Issue: 3 Pages: 826-836 Published: MAR 2013
   Times Cited: 3

10. The role of circuit breakers in the oil futures market
    By: Apergis, N.
    Times Cited: 2

11. Title: [not available]
    By: ARADHYULA SV
    APPL FINANCIAL EC Volume: 14 Pages: 909 Published: 2004
    Times Cited: 6