

F832

A

The Global Financial Crisis of 2007–2008

the

recession

Hall 2014

2013

1990–2007

2013

Ollivaud

2015

2014

OECD

3.5% Stiglitz 2016

71673166

20151080450

71633003

11&ID016

Science

74

Financial Stability

20 90  
Rochet 1996a Allen 2000 Bandt 2000  
as 2000 Acharya 2001 Eisenberg 2001  
2010 7 2009  
2016 MPA

Source-specific systemic risk measures

Global measures of systemic risk

Acharya 2010 Gourieroux

Greenwood 2015

Alessandri

9

Contagion

Amplification

1.

Acharya 2009

Acharya 2007 2008

too

fail

Farhi 2012

77

2018

1

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Wanger 2010

z-Espinosa 2015

Gennaioli 2013

CDO

4.

Blei 2014

ISK

Cai

4

$w_{i,j,t}$

$m$

$n$

$d_{m,n,t}$

Allen

2000

Diamond

Dybvig 1983

$i$

$k$

$j$

$i$

$k$

Freixas 2010

Allen

2004 2006

Gai 2010

of interconnectedness

Elliott 2015 Acemoglu 2015  
2015

holdings

Elliott 2015

Acemoglu 2015

$j$   $i$   $j$   
Chen 1999 Aghion 2000 Acharya 2015  
 $i$   $j$   $i$

$j$   $i$   $j$   
Ahnert 2016

counterparty risk

common risk exposure

3.

in 2015

Marking to Market

nermeier 2009

margin requirements

snowball effect

Heider 2015 Flannery 2015

Calballero 2013

4.

Kritzman 2010

absorption ratio

Acemoglu 2015

$m_{m,n}$  Harmonic Distance

n

$m_{m,n}$

m

Eisenberg Noe 2001

Glasserman 2015



Brunnermeier 2013

5%

Liquidity Mismatch Index

Greenword 2015

Bank Vulnerability Jobst 2014

SIFIs

too big to fail

CDS  
too interconnected to fail

1.

Arch

Expected Shortfall ES

Marginal Expected Shortfall MES  
Shortfall SES

MES

SES

MES

Adrian 2011

VaR

VaR

CoVaR

MES

CoVaR

Banulescu 2015

MES

Component Expected Shortfall CES

CES

MES

Brownlees Engle 2012

Acharya 2010

SRISK

SRISK

MES

5% VaR

83

2018

1

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Huang 2009 2012

DIP

CDS

CDS

DIP

SRISK

SRISK

1.

Allen 2012

Allen 2012

CATFIN

CFNAI GDP

INDP

KCFSI

FIN

Kelly 2014

Kelly 2014

500 index

option

CATFIN

fig

85

2018

1

19

Dynamic Causality Index

Illiquidity Measure

GDP

IN 2016

CATFIN

2015

2016

2017

17 4

CATFIN

GDP

FIN

CATFIN

Bank for International Settlements

016 9

BIS

/GDP

2016

28.8%

10%

1995

BIS

2016

/GDP

1

GDP

BIS 2016

9

2 Chen 1999

tion

2008

BIS

l Science

86

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3 2016

CATFIN

CATFIN

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The outbreak of the recent financial crisis has highlighted the importance of financial stability, and made the systemic risk in the financial sector one of the focus of the economic, policy and market research. But so far, there has not been an accurate and widely accepted definition of the systemic risk in the financial sector yet, reflecting not only the multidimensional nature and complexity of the problem, but also the immaturity of related research by academia and financial regulators. This study sorts out the literature on the systemic risk before and after the recent financial crisis, and reviews the existing research on systemic risk based on the research angle, the impact source, the method and applicability measures of the systemic risk in the financial sector.

Systemic Risk in Financial Sector, Financial Stability, Financial Network,  
Exposure