

基于 GTD 的全球恐怖主义活动现状与发展趋势研究

彭如香¹ 张奥博² 杨 涛¹ 孔华锋^{3*}

¹ 201204

² 710071

³ 430056

摘 要 近几年来,随着恐怖主义活动在“一带一路”沿线区域日益频繁地发生,国内的反恐研究工作也提上日程。这对“一带一路”倡议的发展和反恐情报工作带来新的挑战。因此研究恐怖主义活动的现状和发展趋势迫在眉睫。基于 2001 年至 2016 年的 GTD 数据,对全球恐怖主义活动进行定量分析与可视化分析,得出近些年全球恐怖主义活动的发展现状。结合近几年全球恐怖事件的特点,总结出全球恐怖主义活动的特征和发展趋势,为下一步的反恐工作提供战略性指导。

关键词 全球恐怖主义 GTD 数据库 可视化分析 一带一路

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CURRENT SITUATION AND DEVELOPMENT TREND OF GLOBAL TERRORISM BASED ON GTD

Peng Ruxiang¹ Zhang Aobo² Yang Tao¹ Kong Huafeng^{3*}

¹ Third Research Institute of Ministry of Public Security Shanghai 201204 China

² Xidian University Xi'an 710071 Shaanxi China

³ Wuhan Business University Wuhan 430056 Hubei China

Abstract In recent years with the increasing frequency of terrorist activities along “the Belt and Road” area the domestic counter-terrorism research has been put on the agenda which brings new challenges to the development of “the Belt and Road” and the counter-terrorism work. Therefore it is urgent to study the current situation and development trend of terrorism activities. Based on the GTD data from 2001 to 2016 this paper made a quantitative analysis and visual analysis of global terrorism activities and obtained the current situation of global terrorism activities in recent years. Combining with the characteristics of global terrorist events in recent years the characteristics and development trends of global terrorism activities were summarized. It provides strategic guidance for the next counter-terrorism work.

Keywords Global terrorism GTD database Visualization analysis The Belt and Road

0 引 言

2

							PGIS	1970
GTD	The Global Terrorism Database			1997				
	START	¹	GTD	2001	2005	START		
1970	2016					2015	12	PGIS
		2016					1993	
17				GTD		1993		1998

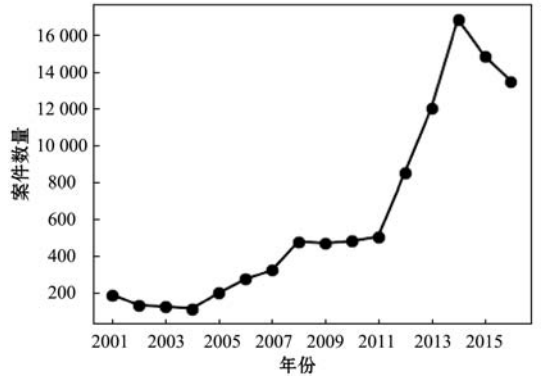
1 2008 3 2008 4 2011
 10 CETIS
 ISVG 2011 11
 START 3 GTD
 START 1970 2016 7 2001 2016
 GTD 98 773 5 582
 5.65% 2001 1 907
 52 2016 13 488
 982 15
 6 18

表 1 2001 年 - 2016 年全球恐怖袭击数量和自杀式袭击数量

2001	1 907	52	2009	4 719	183
2002	1 332	77	2010	4 822	175
2003	1 262	86	2011	5 071	209
2004	1 162	120	2012	8 500	402
2005	2 009	215	2013	11 996	623
2006	2 749	186	2014	16 860	742
2007	3 241	373	2015	14 852	915
2008	4 803	242	2016	13 488	982

4
 GTD 5
 1
 2
 3
 GTD
 GTD
 " 5 "
 GTD

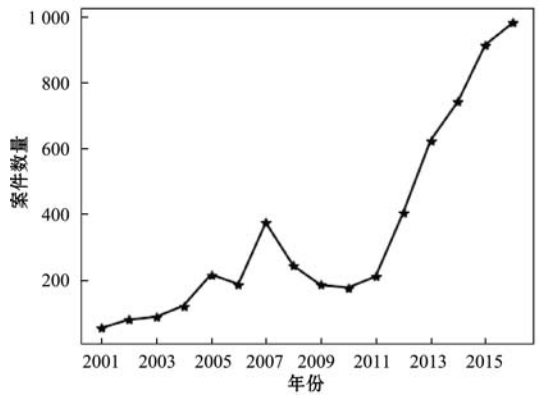
1 2 2001 2016



1 全球恐怖主义活动现状分析

GTD 2001 2016
 2001 START
 2001 2001
 " 911 "
 2001
 6 2001

1 2001 - 2016



1.1 恐怖袭击数量分析

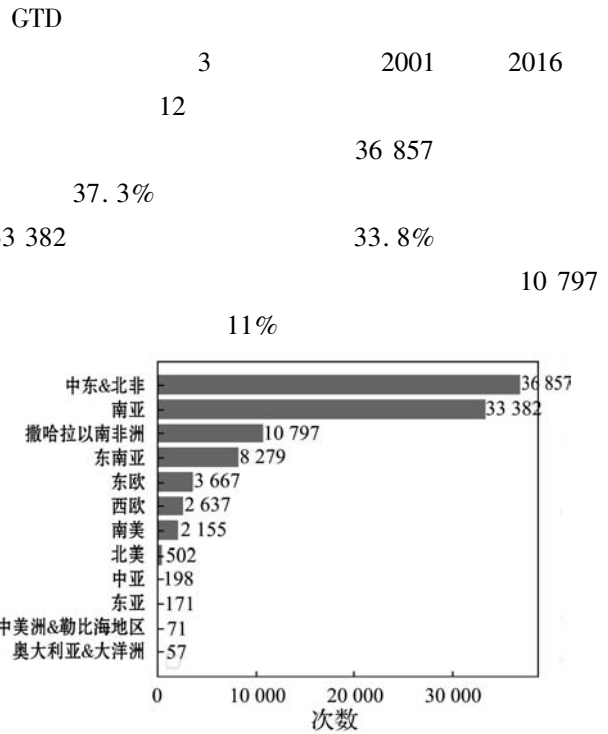
1 2001 2016

2 2001 - 2016

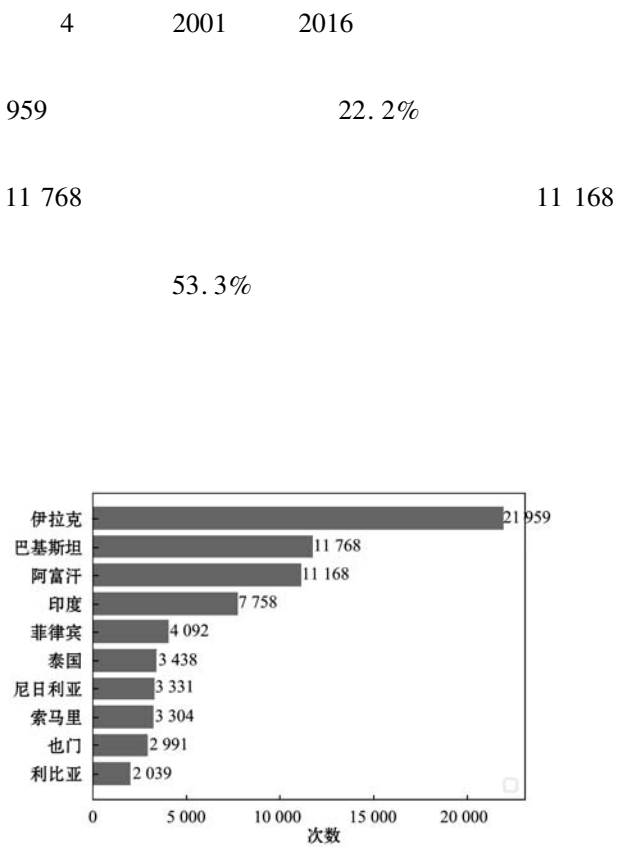
1
 2001 -2004
 2004
 -2008
 2008 -2011
 2012 -2016
 2014
 2015 2016
 13 488
 2016
 2008
 2011 2
 2
 2005 215
 2007 373
 982
 2005
 2007 373
 186
 2008 -2011
 2007
 2007
 2001 -2004
 2012
 -2016
 2012 5
 2016 982 2011
 450%
 2011
 2012 9 2014
 " 911"
 " " ISIS
 " "

1.2 恐怖袭击空间分析

1.2.1 2001 年至 2016 年全球恐怖袭击地区分布



1.2.2 2001 年至 2016 年全球恐怖袭击城市分布



11 "

6 7 2001 2016

6 7

10

72.7%

3

2

2

3

2 5

1 10

25

1.28%

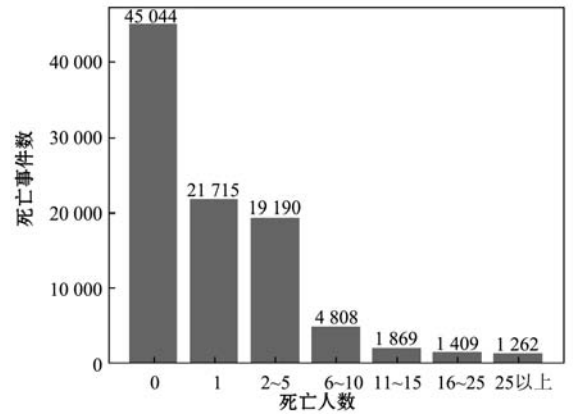
25

2.36%

1.3 恐怖袭击结果分析

1.3.1 伤亡情况分析

GTD



5

911

2004

2007

2001

2007

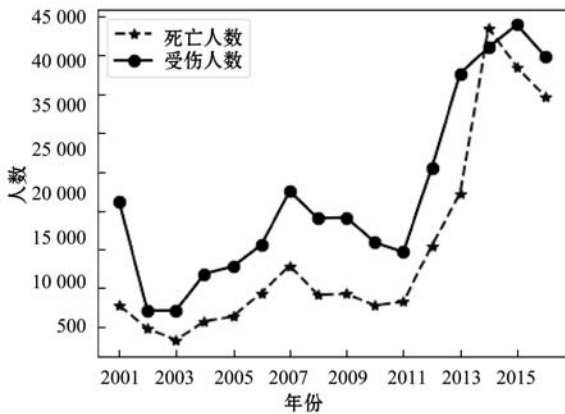
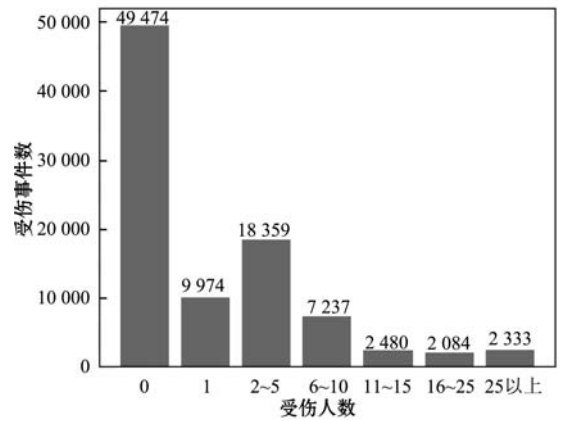
2011

2013

2014

911

6 2001 - 2016



7 2001 - 2016

1.3.2 财产损失情况

GTD

2

41 684

42.2%

29.5%

4

493

0.5%

5 2001 - 2016

"

2001 2016

163

12

表 2 2001 年 -2016 年恐怖袭击财产损失情况统计

	/		
		18 931	19.2%
	0	41 684	42.2%
	10	4	0.004%
	100 ~10	493	0.5%
	100	29 159	29.5%
		8 420	8.5%

" "

3
GTD

1

25

2 全球恐怖主义活动特点和发展趋势

1

2001

2016

2014

2014 " "

2

3 结 语

" "

2013

```
echo $ row 'name' . "<br/>"
echo "</div>" //
>
```

4



4

(上接第 5 页)

" "

5 结 语

LAMP IT " "

Web

Web

LAMP

LAMP

6.0

PHP

Web

Web

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参 考 文 献

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