

CiteSpace-KMZ文件的Google Fusion tables可视化



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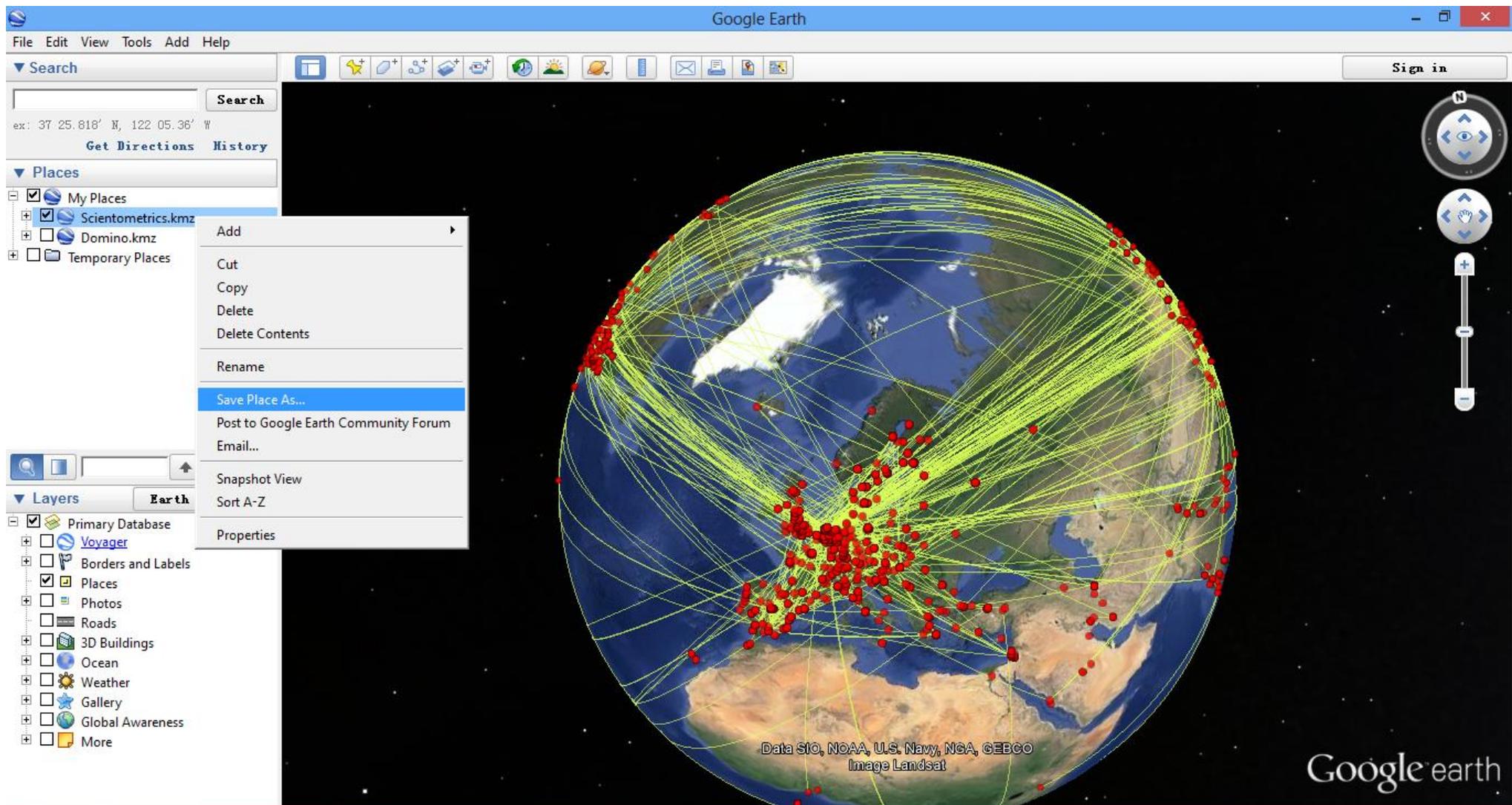
1.首都经济贸易大学-安全与环境工程学院

2. Drexel University- College of Computing and Informatics

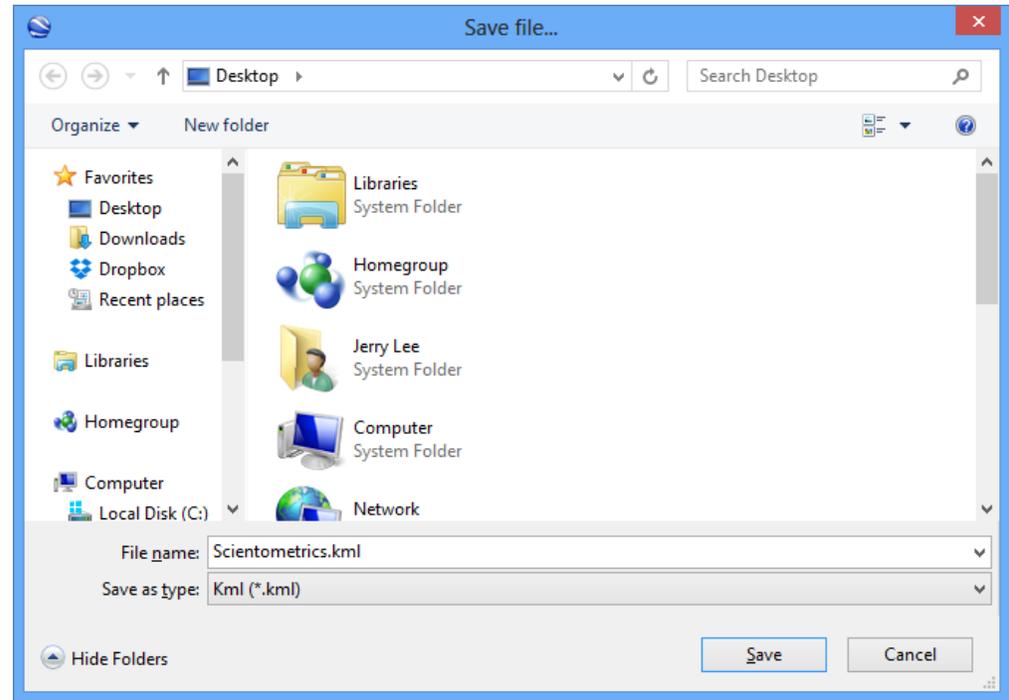
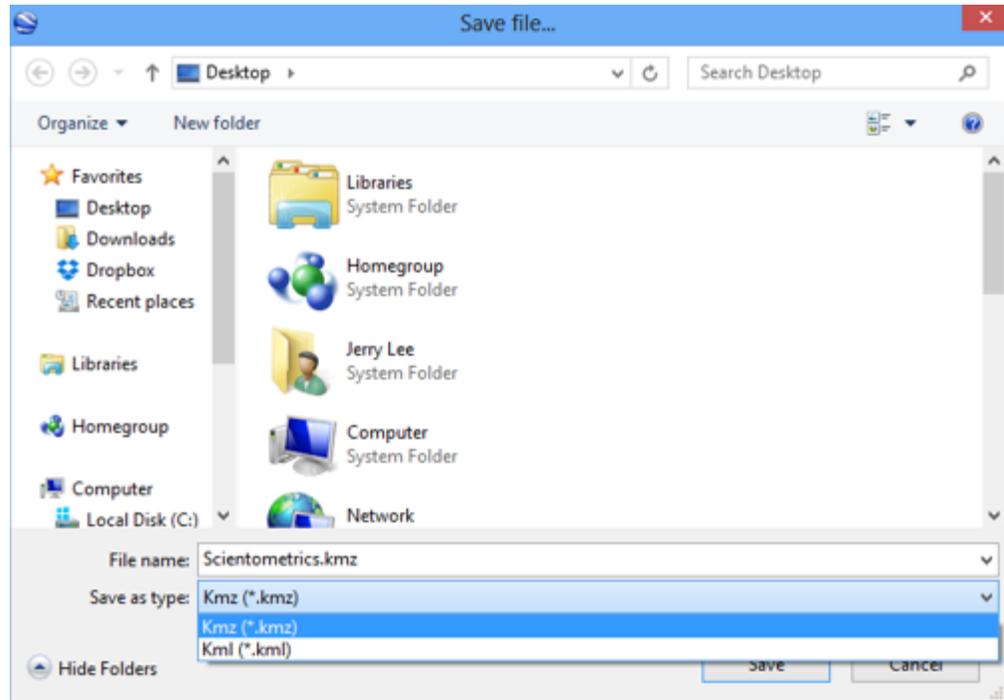
配套教程: 李杰, 陈超美著. CiteSpace科技文本挖掘及可视化[M]. 首都经济贸易大学出版社. 2016.

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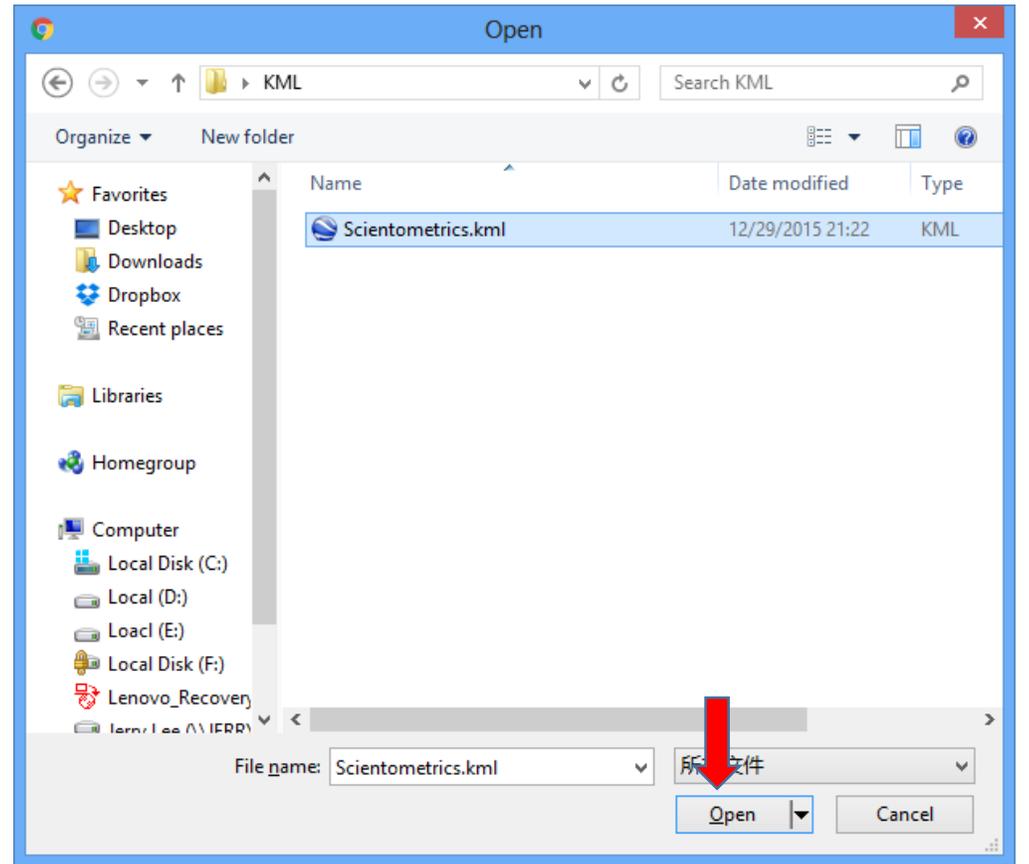
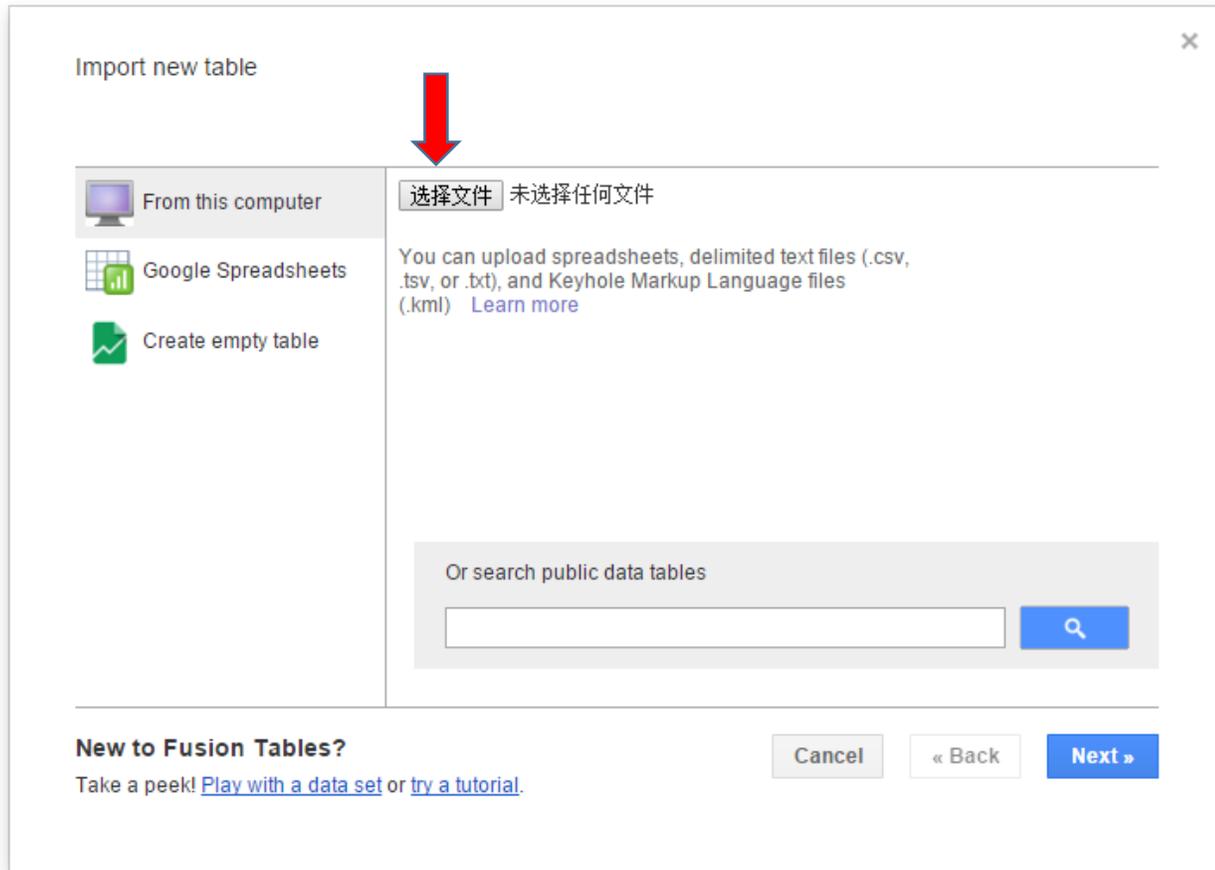
Step1.用Google Earth 打开Citespace生成的KMZ文件，选中打开的文件。单击右键“save place as.....”



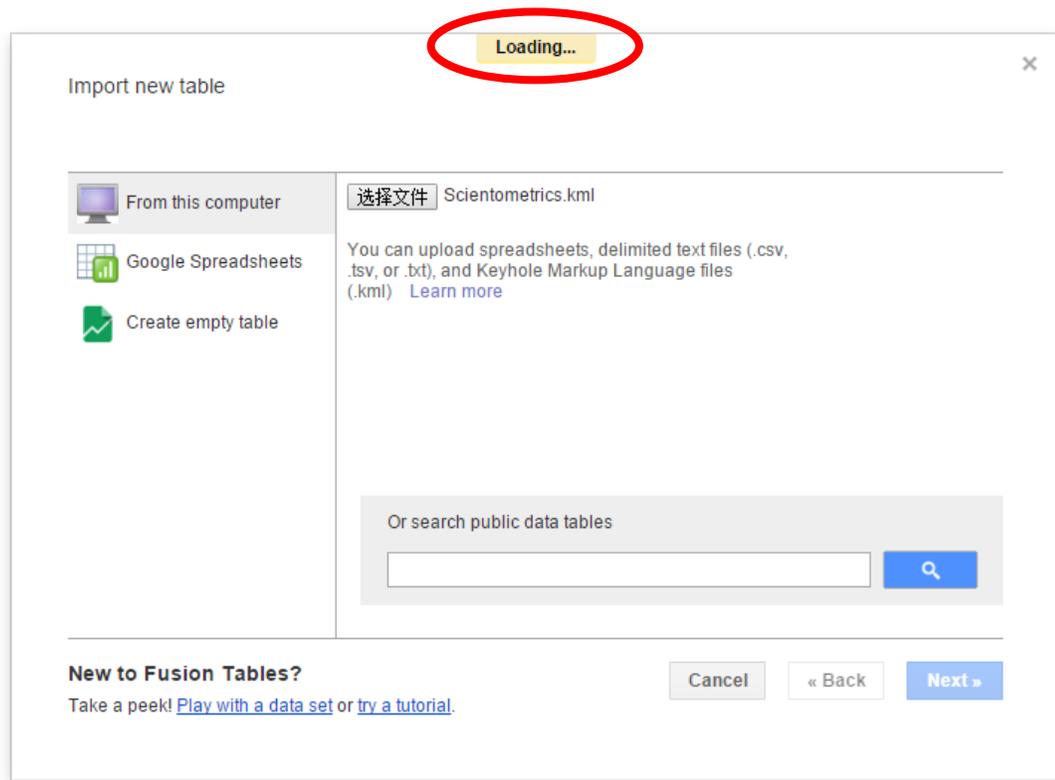
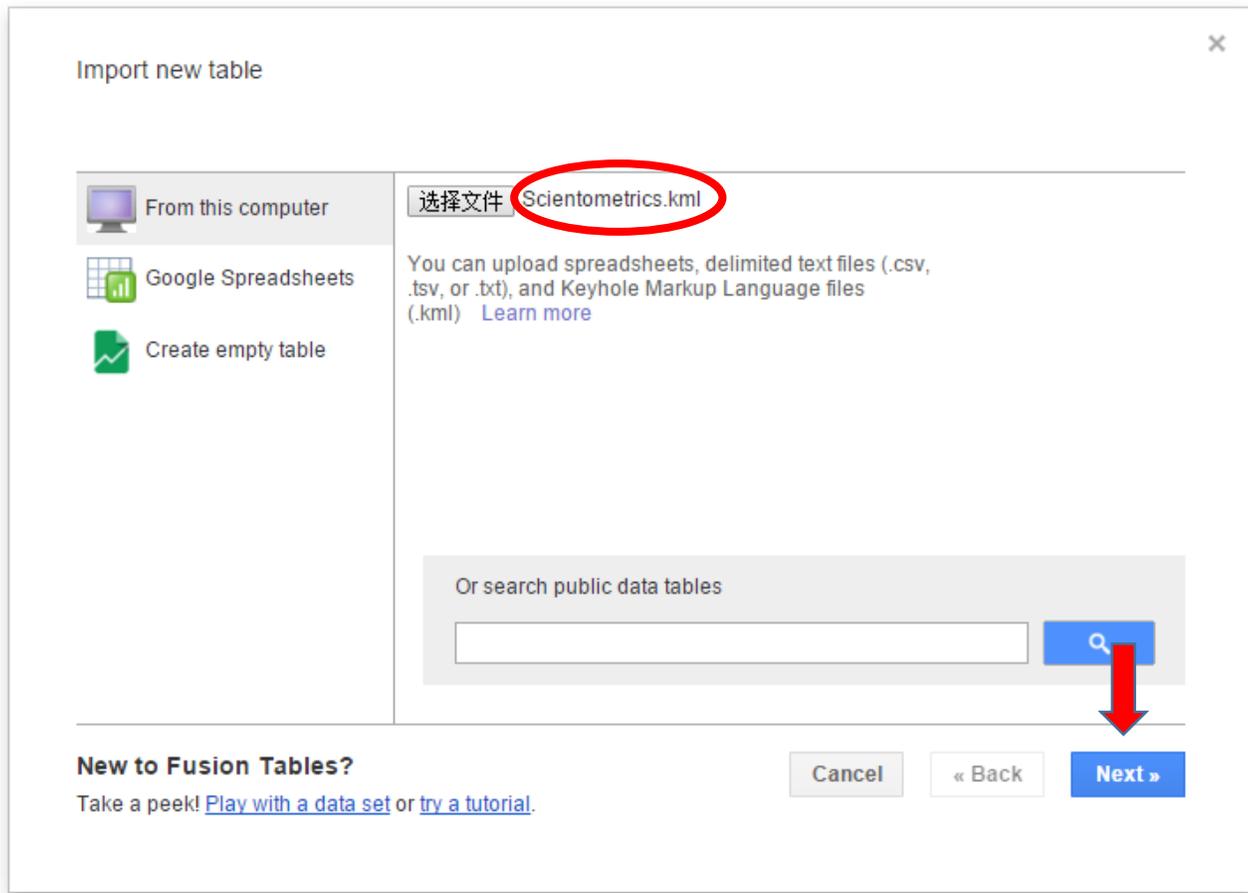
Step2.将打开的KMZ文件保存为KML文件



Step3.在浏览器中输入网址（如果不能使用，请注册Gmail后再尝试）
<https://www.google.com/fusiontables/data?dsrcid=implicit>
点击页面的“选择文件”，加载保存的KML文件。



Step4. 加载结束后点击“Next”，等待数据加载结束。



Step5.加载结束后，继续点击Next。保持默认设置点击Finish

Import new table

Column names are in row

1

1	desc...	name	geom...
2	<ul style="list-style-type: none"><a href="http://dx.doi.o		<Point> <coordinates>0.0,0.... </...>
3		China	<Polygon> <outerBoundaryIs> <LinearRing> <coordinates...>
4	<ul style="list-style-type: none"><a href="http://dx.doi.o		<Point> <coordinates>114.2...
5			<Polygon> <outerBoundaryIs> <LinearRing> <coordinates>

Rows before the header row will be ignored.

New to Fusion Tables?

Take a peek! [Play with a data set](#) or [try a tutorial](#).

Cancel

« Back

Next »

Import new table

Table name

Scientometrics

Allow export

?

Attribute data to

?

Attribution page link

Description

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For example, what would you like to remember about this table in a year?

New to Fusion Tables?

Take a peek! [Play with a data set](#) or [try a tutorial](#).

Cancel

« Back

Finish

Step6. 等待数据在地图上进行配对，结束后有三个标签
 “Rows1”、“Cards”和“Map of geometry”。
 点击“Map of geometry”进入数据的地理可视化界面



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File Edit Tools Help Rows 1 Cards 1 Map of geometry

Filter No filters applied

1-100 of 3099

description	name	geometry
<ul style="list-style-type: none"> Garg (2001) SCIENTOMETRICS Leta (2001) SCIENTOMETRICS Kretschmer (2001) SCIENTOMETRICS Rai (2001) SCIENTOMETRICS Kretschmer (2001) SCIENTOMETRICS Basu (2001) SCIENTOMETRICS Kundra (2001) SCIENTOMETRICS 		KML...
	China	KML...
<ul style="list-style-type: none"> Kretschmer (2001) SCIENTOMETRICS Liang (2001) SCIENTOMETRICS 		KML...

Importing

Your rows are being imported

56%

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File Edit Tools Help Rows 1 Cards 1 Map of geometry

Filter No filters applied

1-100 of 4687

description	name	geometry
<ul style="list-style-type: none"> Garg (2001) SCIENTOMETRICS Leta (2001) SCIENTOMETRICS Kretschmer (2001) SCIENTOMETRICS Rai (2001) SCIENTOMETRICS Kretschmer (2001) SCIENTOMETRICS Basu (2001) SCIENTOMETRICS Kundra (2001) SCIENTOMETRICS 		KML...
	China	KML...
<ul style="list-style-type: none"> Kretschmer (2001) SCIENTOMETRICS Liang (2001) SCIENTOMETRICS Kretschmer (2001) SCIENTOMETRICS 		KML...

Step7. 进入地理可视化界面。默认的视图为Feature map，主要是以地理位置的点和关系连线组成。

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Share

File Edit Tools Help

Rows 1

Cards 1

Map of geometry

Filter No filters applied

Saved 4,687 rows

Configure map

Done

Location geometry

Feature map

Change feature styles...

Change info window...

Heatmap



使用鼠标左键可以拖动地图，使用鼠标的滚轮可以局部放大地图。这样节点之间的关系连线就会显示出来。

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File Edit Tools Help

Rows 1

Cards 1

Map of geometry

Filter No filters applied

Saved 4,687 rows

Configure map

Done

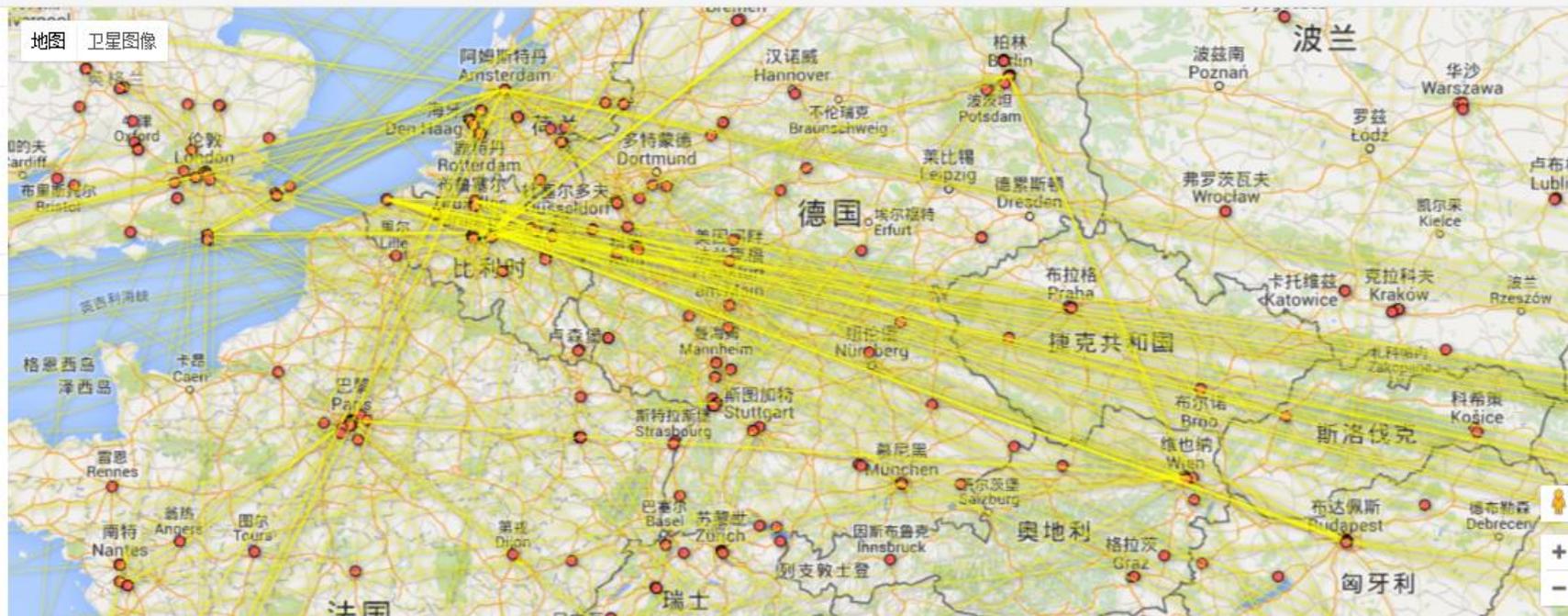
Location geometry

Feature map

Change feature styles...

Change info window...

Heatmap



点击Change feature style，可以对点的属性和线的属性进行编辑。

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File Edit Tools Help

Rows 1

Cards 1

Map

Filter

No filters applied

Configure map

Location

geometry

Feature map

Change feature styles...

Change info window...

Heatmap

地图 卫星图像

Change map feature styles

Points

Marker icon

Polygons

Fill color

Border color

Border width

Lines

Line color

Line width

Legend

Automatic legend

Line widths

Fixed

Column

Buckets

Fixed width

Width px

Save

Cancel

Step8. 点击Heatmap则可以切换到热力图。

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Showing 1000 of 4687 points [Learn more](#)

Share

File Edit Tools Help Rows 1 Cards 1 Map of geometry +

Filter No filters applied Saved 4,687 rows

Configure map Done

Location geometry -

Feature map

Heatmap

Radius 10

Opacity 60%

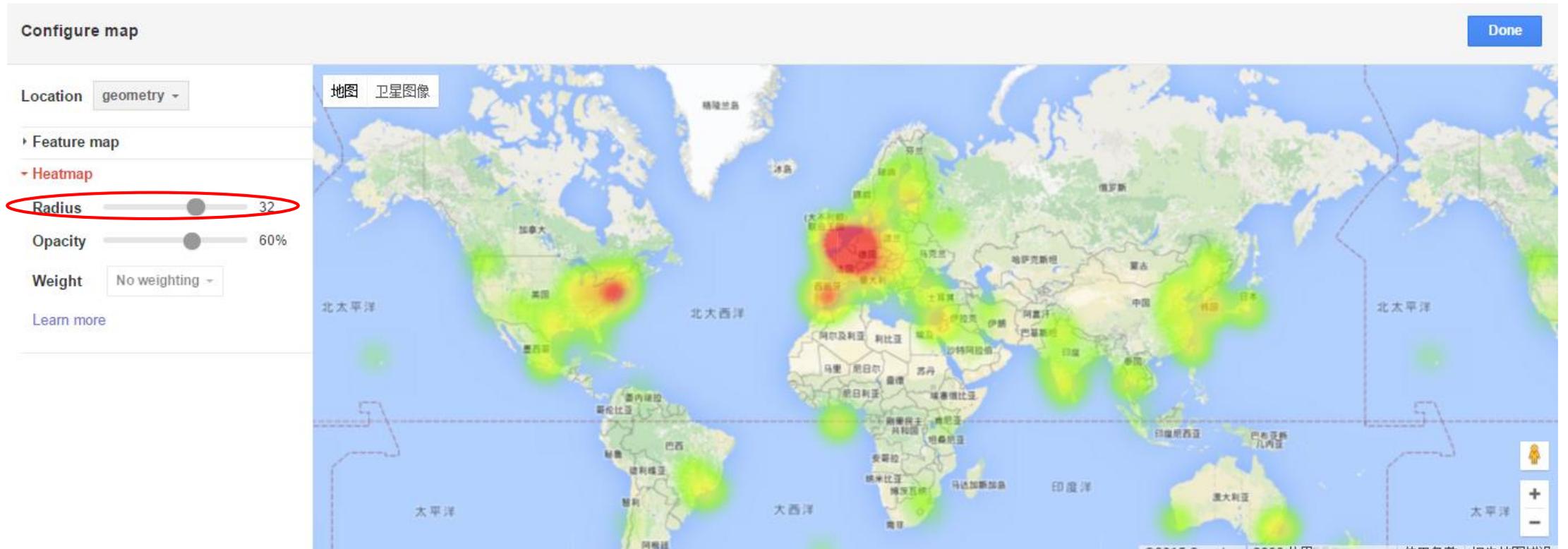
Weight No weighting -

Learn more

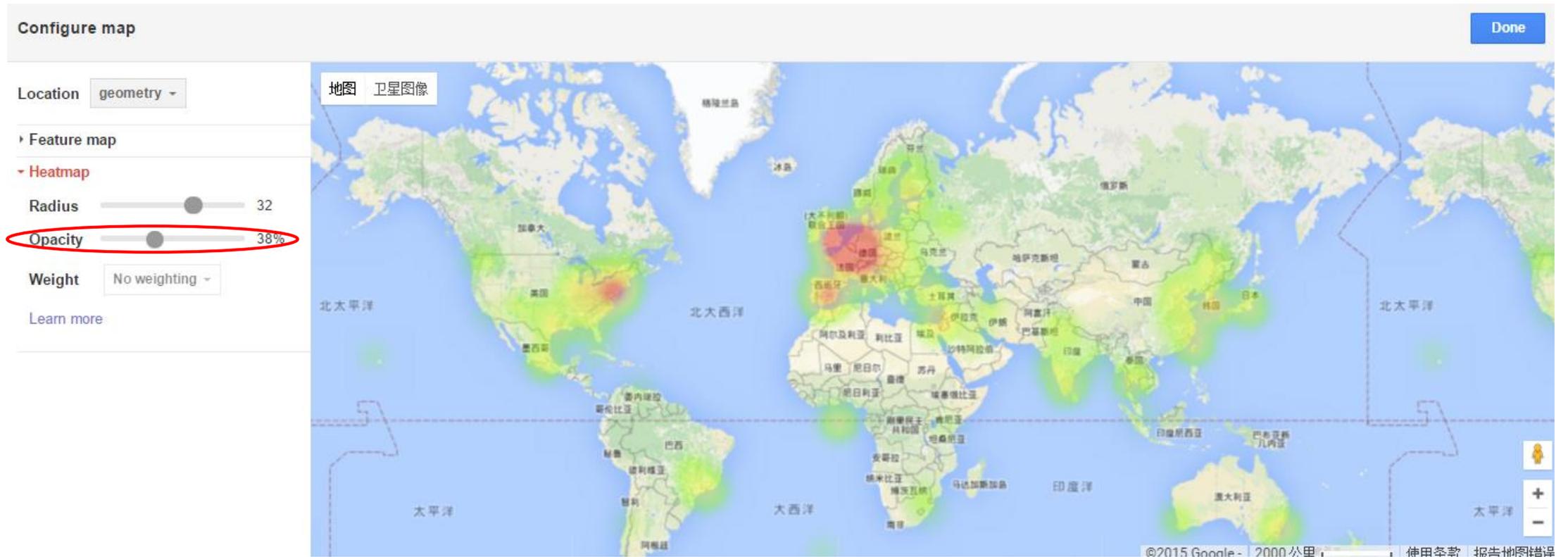


Map of the world showing a heatmap visualization of data points. The map is centered on Europe and shows green and yellow heat spots across various regions. A red arrow points to the 'Heatmap' option in the 'Feature map' section of the 'Configure map' panel on the left.

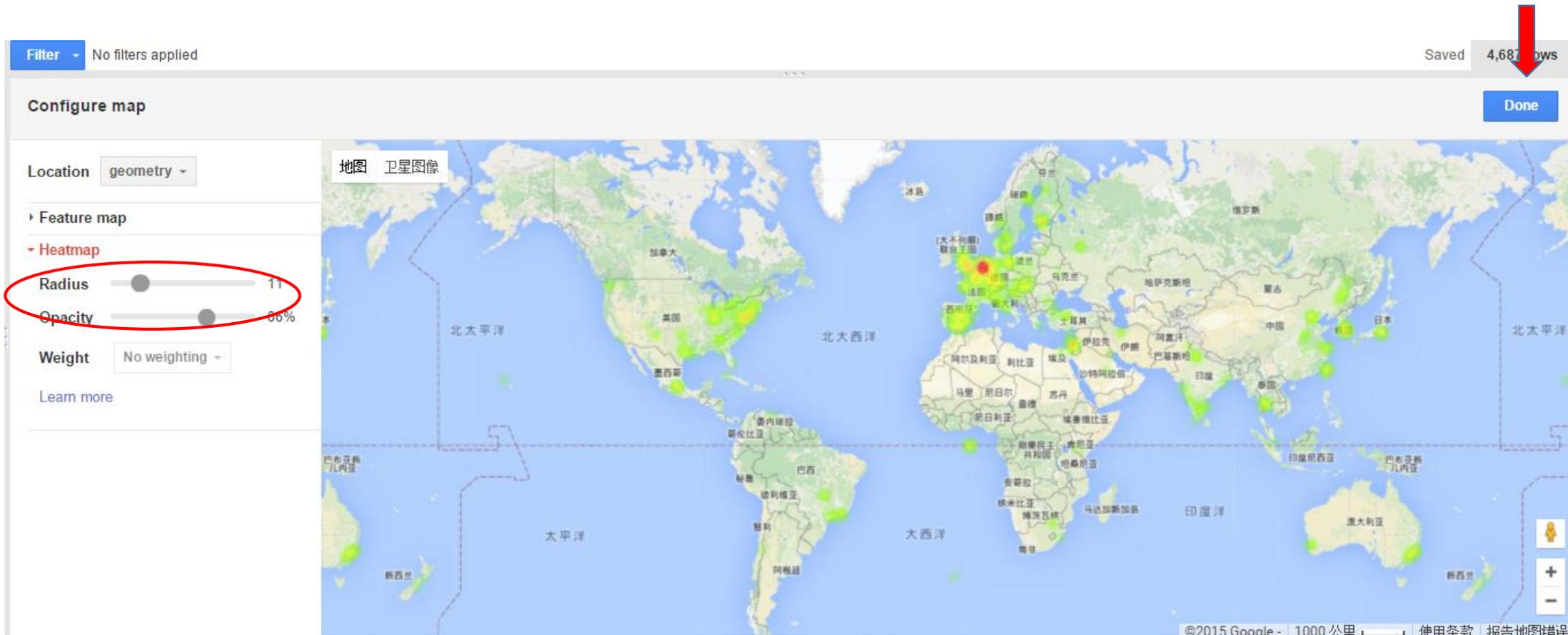
Radius（半径或范围）可以对热力图的缓冲细度进行设置



Opacity（透明度）可以对热力图的的透明度进行调整。



本案例最终使用的热力图参数如下，完成后点击Done。



热力图结果1：默认的为“地图”



热力图结果2： 点击“卫星图像”



点击Share可以分享在线地图



Share

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File Edit Tools Help

Rows 1

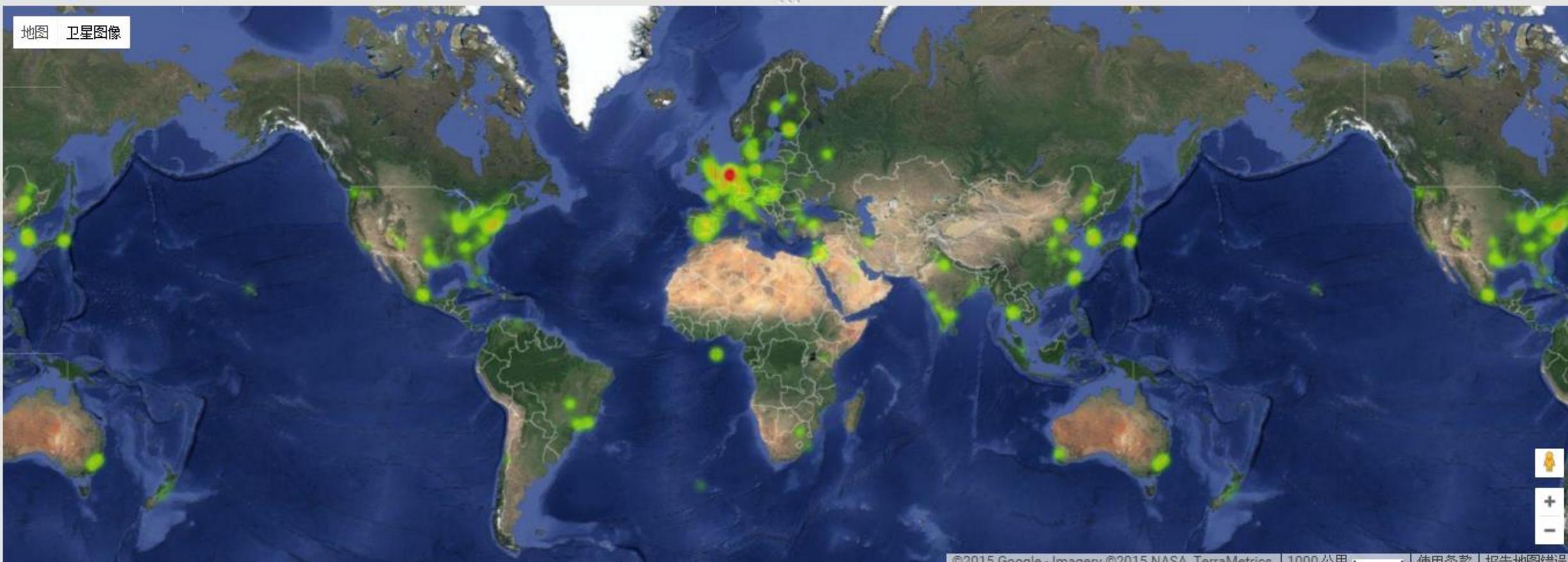
Cards 1

Map of geometry



Filter No filters applied

Saved 4,687 rows



https://www.google.com/fusiontables/DataSource?docid=1t3dDTj5N0kd-hh81K9TRVWImfXh_zBkX7IiVAr2m

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File Edit Tools Help

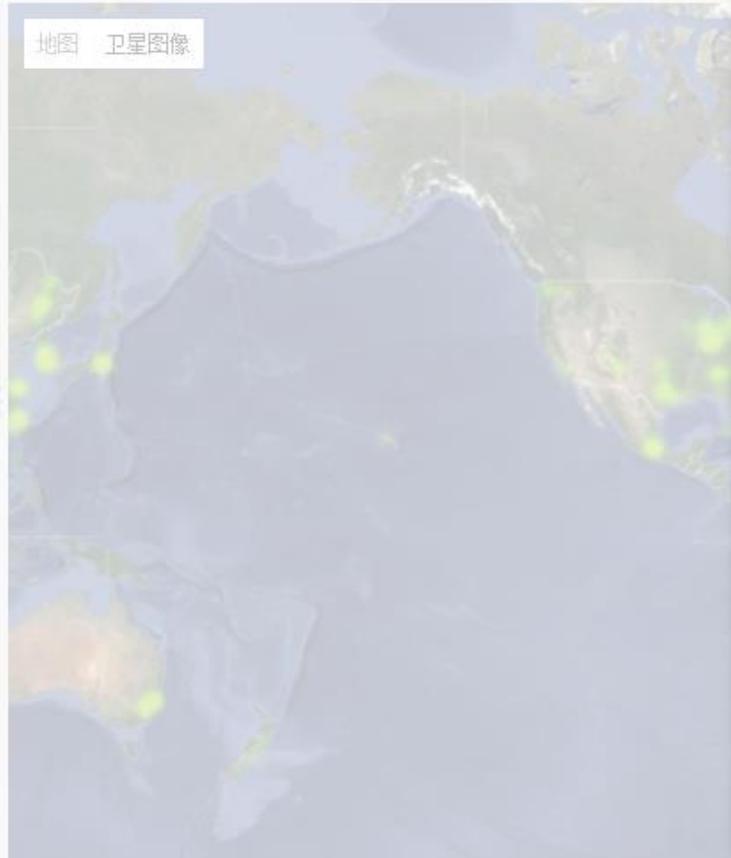
Rows 1

Cards 1

Map of g

Filter - No filters applied

地图 卫星图像



Showing 1000 of 4687 points [Learn more](#)

Share

Sharing setting

Link to share (only accessible by collaborators)

<https://www.google.com/fusiontables/DataSource?docid=1t3dDTj5N0kd-hh81K9T>

Share link via:



Who has access

Private - Only you can access

[Change...](#)



li jie (you)
lijie.jerry.china@gmail.com

Invite people:

Enter names or email addresses...

Owner settings [Learn more](#)

Prevent editors from changing access and adding new people

Done

Link sharing

- On - Public on the web**
Anyone on the Internet can find and access. No sign-in required.
- On - Anyone with the link**
Anyone who has the link can access. No sign-in required.
- Off - Specific people**
Shared with specific people.

Access: Anyone (no sign-in required) Can view

Save

Cancel

参考文献

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