CiteSpace对网络挤成一团问题的 处理功能



陈超美¹,李惠²

1. Drexel University- College of Computing and Informatics

2.首都经济贸易大学-安全与环境工程 学院

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. 作者博客: 李杰博客: <u>http://blog.sciencenet.cn/u/jerrycueb</u>; 陈超美博客: <u>http://blog.sciencenet.cn/u/ChaomeiChen</u>

功能说明及可视化建议

- 版本要求: CiteSpace 4.0.R4 (Nov 25, 2015 发布)
- 最新版本下载地址: <u>http://cluster.ischool.drexel.edu/~cchen/citespace/download/</u>
- 1. 在进行可视化的时候,新的版本默认的提取节点的方法为g-index。
- 2. 得到可视化结果以后,进行聚类并查看两个重要的参数。即modularity(模块化值)和网络的平均 silhouette(剪影值),以及聚类的数量(陈教授建议聚类的数量在7-10为宜,且每一个聚类的成员 数量至少在10个以上。当然并不是固定标准)。
- 无论是什么样的参数设置和指标判断,坚持的唯一原则就是结果要是有意义的,清晰的、准确的反映所研究领域的。

项目编辑页面位置

CiteSpace 4.0.R4 (32-bit) - (c) 2003-201	015 Chaomei Chen - F
File Project Data Network Visualization Geographical Overlay Maps An	Analytics Text Prefere
Web of Science PubMed	Time Slicing
Projects	From 19
New Scientometrics	
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	space Status
	Top N Top N% Thresholds By Citations Usage(180) Usage(2013)
	tion is based on a modified g-index of citations or occurences in each slice: $g^2 \leqslant k \Sigma_{i \leqslant q}$
	To include more or fewer nodes, increase or decrease the scale factor k here: k= 5
	Process Reports
	Minimum Spanning Tree Pruning the merged network
	Visualization
	Cluster View - Static Show Networks by Time Slices
	Cluster View - Animated Show Merged Network



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案例-Scientometrics期刊数据的文献共被引分析



如何才能让结果更清晰???



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199 CiteSpace, v. 4.0.R5 SE (64-bit) December 15, 2015 5:27:55 PM CET C:\Users\jli14\.citespace\Example\scientometrics_4003\data Timespan: 1991-2014 (Slice Length=2) Selection Criteria: Top 50 per slice Network: N=459, E=2436 (Density=0.0232) Pruning: None Modularity Q=0.7127 Mean Silhouette=0.4026 #6 journal citation report #4 mainland china #0 scientometric #5 gloogle ischielaria **EGGHE L** (2006) #2 national research assessment exercise

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