VOSviewer (SOFTWARE) INTERACTIVE VIEW A BRIF INSTRUCTION (2 PARTS) (5/31/2021)

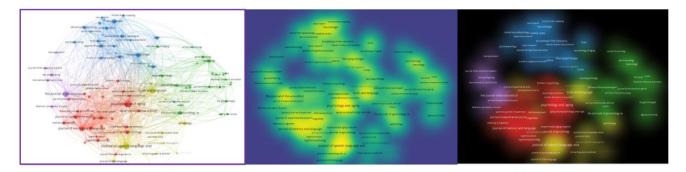
Part 1: Introduction

The two .txt data files are **bibliometric data files** of statistically analyzed citation source which can be visualized in the following images.

Data

[map] [network]

Still Images of Visualization (network, item-density, cluster-density)



They tell us how citation sources are related according to the condition below

1) A citation source is cited by more than 100 times;

2) A citation source has published papers on the topic of "aging and linguistics" from 1969-2021, with each paper cited by other 2 papers; and

3) A citation source has the original **bibliographical data** generated from the open citation database, <u>Dimensions</u> and **bibliometric data** generated from <u>VOSviewer 1.6.16 for Microsoft Windows</u> systems.

Part 2: Instruction by 6 Steps

Now let's have **an interactive view** of the above still visualized images on a computer (not mobiles) by <u>VOSviewer</u>, a software tool for constructing and visualizing bibliometric networks.

Step 1: Copy the data in the following link on a notepad

File Edit Format View Help https://www.polyu.edu.hk/cbs/rclcn/images/cdl_visual_display/map50.txt

Step 2: Save the 1st notepad file "map50copy.txt" on your hard drive

Step 3: Repeat the step 1 & 2 for the following link, and save the 2nd notepad file "network50copy.txt"

https://www.polyu.edu.hk/cbs/rclcn/images/cdl_visual_display/network50.txt

Step 4: <u>Launch VOSviewer</u> by following online instruction (To run VOSviewer, Java version 8 or higher needs to be installed on your system. If Java is not installed on your system, you can obtain it <u>here</u>). If one wishes to have the software downloaded on one's Window/Mac computer, see <u>Download VOSviewer</u> and its instruction. VOSviewer is open program to the general publics)

1) Save file	4) Ok/Run
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2) Locate VOSviewer download	5) VOSviewer opened
Open file Open Executable File? vosviewer(3),inip* is an executable file. Executable files may contain viruses or other malicious code that could harm your computer. Use caution when opening this file. Are you sure you want to launch "vosviewer(3),inip"? OK Cancel	

Step 5: Click open and then upload the 2 saved .txt files

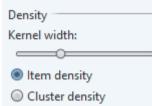
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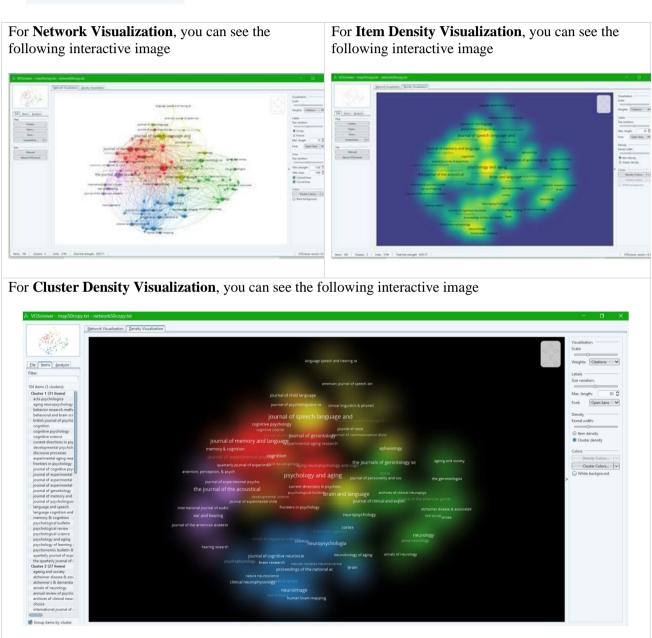
Step 6: Click ok to see the interactive maps

- 1) Click one of tabs at left up corner of the screen
- 2) For two choices of density visualization, click one of the choice on the right side screen of Density Visualization :

Network Visualization

Density Visualization





(NOTE: For more details of screen presentation functionality of VOSviewer, please view this <u>video</u> from <u>https://www.vosviewer.com/getting-started</u> and also this <u>video</u> from <u>https://youtu.be/3aSKhFeXIU4</u>).