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

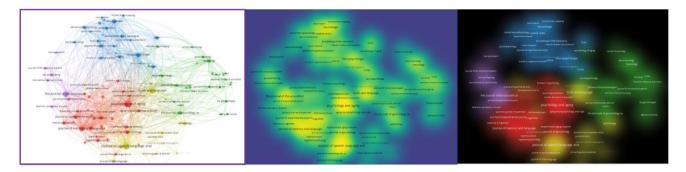
# **Part 1: Introduction**

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 1<sup>st</sup> notepad file "map50copy.txt" on your hard drive

**Step 3**: Repeat the step 1 & 2 for the following link, and save the 2<sup>nd</sup> 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
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**Step 5**: Click open and then upload the 2 saved .txt files

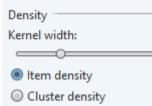
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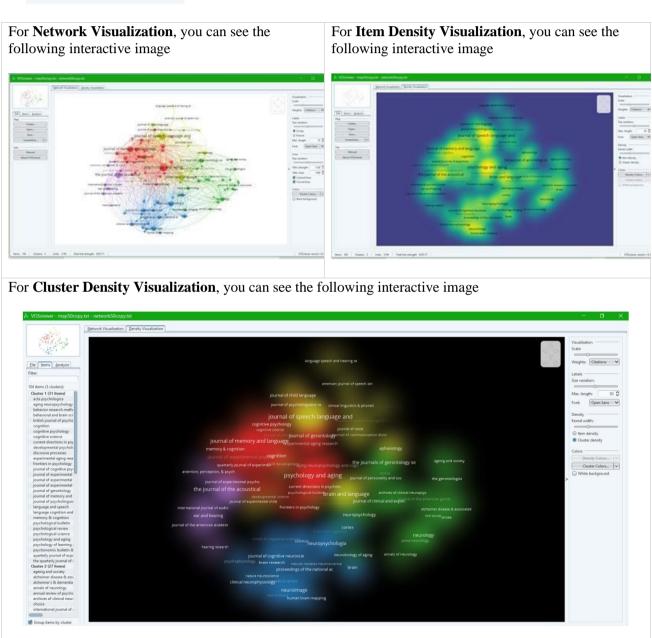
Step 6: Click ok to see the interactive maps

- 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>).