Weekly Report（12/23/16）

Progress this week：

1) **Xiangshan Trip**

This week's biggest harvest, probably from Thursday's Xiangshan trip. In the social network analysis, community Daisen, anomaly detection, affective analysis, influence analysis, behavioral analysis, collaborative filtering, privacy protection, communication analysis are the hotspots of this study. For the adjacent matrix image processing problems, specifically the application of the algorithm, there is no reasonable application to find.

In the current social network theory, not a lot of use to the deep learning. Social networks into CNNs, RNNs, GANs still have such or that problem. That a network can use the network link matrix to produce pictures, it seems like the picture, use the powerful features of CNNs to achieve before the extravagant function.

2) **Some Thoughts**

I was impressed by the Institute of Information Engineering，Chinese Academy of Sciences, which is located next to the Xiangshan Mountain in Beijing. Under the sun, in the two or three clocks of the winter, stretches of the mountain in the background of blue sky is particularly beautiful. In the hard days of fog haze swept the four nine city, involuntary will miss, missing the blue sky. Away from the noisy urban areas, scientific researcher buried study.

Plan next week：

1) Merry Christmas.
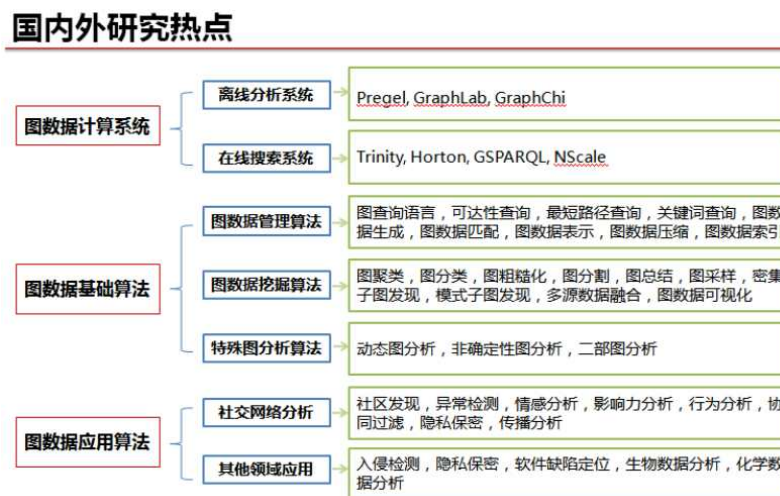2) Merry Christmas.
3) Merry Christmas.

This week's results：

Figure 1: Hot spots