1.introduction

1.1 -> Motivation

2.related work

3. centralities

4.datasets

4.1 -> social networks

4.2 -> citation networks

4.3 -> collaboration networks

4.5 -> co-purchase networks

4.6 -> communication networks

5. Results and Discussion

5.1 -> Visualizations

5.1.1-> TSNE

5.1.2-> TSNE with SKMEANS

5.1.3-> TSNE with HDGMM

5.2 -> Hierarchy definition

5.3 -> Dataset Hierarchy

5.4 -> Time series growth of network

5. Ablation Study

5.1-> Sammons map

5.2 -> TSNE with PCA

5.3-> comparison within dataset

5.5-> comparison between dataset (For dataset like p2p and amazon)

6. Algorithmic Analysis for chosen algorithms and high dimensional data

7. Conclusion