### Title of Thesis is here

### by

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#### THESIS

Submitted as partial fulfillment of the requirements for the degree of Doctor of Philosophy in Computer Science in the Graduate College of the University of Illinois at Chicago, 2023

### Chicago, Illinois

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## ACKNOWLEDGMENTS

The thesis has been completed... (INSERT YOUR TEXTS)

YOUR INITIAL

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## LIST OF ABBREVIATIONS

AMS American Mathematical Society

CTAN Comprehensive TEX Archive Network

 $\begin{tabular}{lll} TUG & TEX Users Group \end{tabular}$ 

UIC University of Illinois at Chicago

UICTHESI Thesis formatting system for use at UIC.

## SUMMARY

Put your summary of thesis here.

## CHAPTER 1

# INTRODUCTION

This is how we cite a paper [?].

Below is the example of algorithm block.

The example of table is below.

### 1.1 Support of leading faction

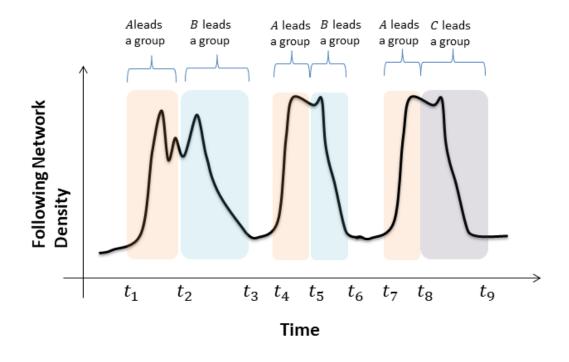


Figure 1. An example of image in thesis

### Procedure 1: FindFactionsAndInitiators

**input**: An adjacency matrix  $E^*$  of dynamic network

**output**: A time series of faction sets  $\mathcal{F}^*$ , and a time series of initiator sets  $\mathcal{L}^*$ 

for  $i \leftarrow 1$  to  $t^*$  do

end

# TABLE I

# Table Caption1

	Method	Null hypothesis $H_0$
	t-test	A sample has a normal distribution
Zero	2-0630	with zero mean and unknown variance.
mean/median	Sign test	A sample has a distribution with zero median.
test	Wilcoxon signed rank test	A sample has a symmetric distribution around zero median.
	Kolmogorov-Smirnov test (KS test)	A sample comes from a normal distribution.
	Chi-square	A sample comes from a normal distribution
	goodness-of-fit test	with a mean and variance estimated from a sample itself.
Normality	Jarque-Bera test	A sample comes from a normal distribution
test	Jarque-Dera test	with an unknown mean and variance.
	Anderson-Darling test	A sample comes from a normal distribution.

APPENDICES

# Appendix A

# SOME ANCILLARY STUFF

Ancillary material should be put in appendices.

# Appendix B

# SOME MORE ANCILLARY STUFF

## CITED LITERATURE

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