

## List of Abbreviations

| <i>Abbreviation</i> | <i>Full form</i>                                |
|---------------------|---|
| NR                  | Network Reconstruction                          |
| CDPAM               | Context Dependent Preferential Attachment Model |
| NRM                 | Network Reconstruction Model                    |
| MTF                 | Mean First Passage Time                         |
| SNR                 | Structural Network Reconstruction               |
| FFM                 | Forest Fire Model                               |
| CGA                 | Community Guided Attachment                     |
| STS                 | Status Time Series                              |
| CST                 | Compressed Sensing Theory                       |
| AC                  | Algebraic connectivity                          |
| SR                  | Spectral Radius                                 |
| APL                 | Average Path Length                             |
| AI                  | Assortativity Index                             |
| ECM                 | Edge Coping Models                              |
| NFM                 | Node Fitness Model                              |
| SIS                 | Susceptible Infected Susceptible                |
| CC                  | Clustering coefficient                          |
| EM                  | Evolutionary Model                              |
| SSN                 | Signed Social Network                           |
| DPL                 | Densification Power Law                         |
| RA                  | Random Attachment                               |
| PA                  | Preferential Attachment                         |
| LG                  | Local Growth                                    |
| SV                  | Singular Values                                 |
| NV                  | Network Values                                  |
| RW                  | Random Walk                                     |
| BRW                 | Biased Random Walk                              |
| DTRW                | Discontinued Truncated Random Walk              |
| MAS                 | Multi Agent System                              |
| MA                  | Multi Agent                                     |
| TPR                 | True Positive Rate                              |
| FPR                 | False Positive Rate                             |

