Exact Betweenness Centrality

WattsStrogatz.txt

|  |  |  |
| --- | --- | --- |
| # of Communities | Cumulative # of Edges Removed | Modularity |
| 1 | 0 | 0.0 |
| 2 | 357 | 0.49999996232513877 |
| 3 | 368 | 0.6243084901220671 |
| 4 | 379 | 0.7499982649006329 |
| 5 | 390 | 0.7807943462680613 |

ErdosRenyi.txt

|  |  |  |
| --- | --- | --- |
| # of Communities | Cumulative # of Edges Removed | Modularity |
| 1 | 0 | 0.0 |
| 2 | 1 | 0.0 |
| 3 | 2 | 0.0 |
| 4 | 10 | 0.000501127505480487 |
| 5 | 19 | 0.0005022601390768954 |

Barabasi.txt

|  |  |  |
| --- | --- | --- |
| # of Communities | Cumulative # of Edges Removed | Modularity |
| 1 | 0 | 0.0 |
| 2 | 253 | 0.00582024871021629 |
| 3 | 311 | 0.010394959275481366 |
| 4 | 326 | 0.013431440201938039 |
| 5 | 342 | 0.015009020199331577 |

Approximate Betweenness

WattsStrogatz.txt

|  |  |  |
| --- | --- | --- |
| # of Communities | Cumulative # of Edges Removed | Modularity |
| 1 | 0 | 0.0 |
| 2 | 357 | 0.4998206299854673 |
| 3 | 370 | 0.628876898208228 |
| 4 | 381 | 0.7498825127063797 |
| 5 | 399 | 0.7813428665137526 |

ErdosRenyi.txt

|  |  |  |
| --- | --- | --- |
| # of Communities | Cumulative # of Edges Removed | Modularity |
| 1 | 0 | 0.0 |
| 2 | 6 | 0.0 |
| 3 | 13 | 0.0 |
| 4 | 15 | 0.0 |
| 5 | 17 | 0.0 |

Barabasi.txt

|  |  |  |
| --- | --- | --- |
| # of Communities | Cumulative # of Edges Removed | Modularity |
| 1 | 0 | 0.0 |
| 2 | 118 | 0.0 |
| 3 | 140 | 0.0 |
| 4 | 145 | 0.001403015794030156 |
| 5 | 152 | 0.0021304281718627694 |