|  |  |  |  |
| --- | --- | --- | --- |
| **Yeast** | Average shortest path length | Clustering coefficient | Degree distribution, loglog-plot |
| Without attacks |  |  |  |
| **Random attack** | | | |
| Remove 100 nodes | 1.166297697082525 | 0.4648772270964038 | C:\Users\Donjeta\AppData\Local\Microsoft\Windows\INetCacheContent.Word\figure_1_G_random_attack.png |
| Remove 200  nodes | 1.1643699370198017 | 0.46312234538478314 |
| Remove 300 nodes | 1.1595462323594588 | 0.46195040413308497 |
| Remove 400 nodes | 1.1605841417997762 | 0.4571589679915093 |
| Remove 500  nodes | 1.156410570021468 | 0.4555473954879148 |
| **Remove highest degree nodes (decreasing order)** | | | |
| Remove 500  nodes |  |  | C:\Users\Donjeta\AppData\Local\Microsoft\Windows\INetCacheContent.Word\figure_2_G_highest_degree.png |
| Remove 1000  nodes |  |  |
| Remove 1500  nodes |  |  |
| Remove 2000  nodes |  |  |
| Remove 2500  Nodes |  |  |

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| **Partial Duplication Model** | Average shortest path length | Clustering coefficient | Degree distribution, loglog-plot |
| Without attacks |  |  |  |
| **Random attack** | | | |
| Remove 100 | 1.59146391313 | 0.828310380405 | C:\Users\Donjeta\AppData\Local\Microsoft\Windows\INetCacheContent.Word\figure_1_G1.png |
| Remove 200 | 1.29413062805 | 0.835402465867 |
| Remove 300 | 1.30326398852 | 0.833711082424 |
| Remove 400 | 1.29823308292 | 0.834645671399 |
| Remove 500 | 1.5873987976 | 0.836101964913 |
| **Remove highest degree nodes (decreasing order)** | | | |
| Remove 300 | 1.17489682504 | 0.888018045852 | C:\Users\Donjeta\AppData\Local\Microsoft\Windows\INetCacheContent.Word\figure_1_G1_highest_degree.png |
| Remove 600 | 1.1507926825 | 0.899527031642 |
| Remove 900 | 1.1356609784 | 0.871985035277 |
| Remove 1200 | 1.15715354532 | 0.85277240518 |
| Remove 1500 | 1.21133415419 | 0.756768719871 |

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| **Duplication Divergence Model** | Average shortest path length | Clustering coefficient | Degree distribution, loglog-plot |
| Without attacks |  |  |  |
| **Random attack** | | | |
| Remove 100 nodes | 1.9309581172650079 | 0.006682072386086982 | C:\Users\Donjeta\AppData\Local\Microsoft\Windows\INetCacheContent.Word\g2_figure_2.png |
| Remove 200  nodes | 1.913948543917572 | 0.0074316491563553 |
| Remove 300 nodes | 1.9070993768313318 | 0.007171931796550241 |
| Remove 400 nodes | 1.9094208720715207 | 0.006840952455361113 |
| Remove 500  nodes | 1.9144737480237057 | 0.007711184895435007 |
| **Remove highest degree nodes (decreasing order)** | | | |
| Remove 1  nodes | 1.20815577745 | 0.00177510636672 | C:\Users\Donjeta\AppData\Local\Microsoft\Windows\INetCacheContent.Word\figure_2_G2_highest_degree.png |
| Remove 2  nodes | 1.29036252182 | 0 |
| Remove 3  nodes | 1.27355024257 | 0 |
| Remove 4  nodes | 1.21525784157 | 0 |
| Remove 5  nodes | 1.18400673401 | 0 |

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| **Erdos-Renyi random graph** | Average shortest path length | Clustering coefficient | Degree distribution, loglog-plot |
| Without attacks |  |  |  |
| **Random attack** | | | |
| Remove 100 nodes | 2.6635818716557433 | 0.009967634756125181 | C:\Users\Donjeta\AppData\Local\Microsoft\Windows\INetCacheContent.Word\G3_figure_1.png |
| Remove 200  nodes | 2.6703548404786948 | 0.00994127550328272 |
| Remove 300 nodes | 2.6775209694173494 | 0.009956855540958365 |
| Remove 400 nodes | 2.684425371957521 | 0.009985173894729298 |
| Remove 500  nodes | 2.6916108741588762 | 0.010001217018774829 |
| **Remove highest degree nodes (decreasing order)** | | | |
| Remove 500  nodes | 2.73683470807 | 0.00887783042075 | C:\Users\Donjeta\AppData\Local\Microsoft\Windows\INetCacheContent.Word\figure_3_G3_highest_degree.png |
| Remove 1000  nodes | 2.8077020621 | 0.00828204816499 |
| Remove 1500  nodes | 2.93379377824 | 0.00760192443323 |
| Remove 2000  nodes | 3.22196987789 | 0.00661461449604 |
| Remove 2500  nodes | 3.70861200295 | 0.00546094172929 |