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| --- | --- | --- | --- | --- |
|  | Py3plex | Pymnet | muxviz | Multinetx |
| Programming language | Python,c | Python,C | R | Python ,C |
| Basic statistics | YES | YES | YES | YES |
| Visualisation of large network | YES | YES | YES | YES |
| 3D visualisation | NO | YES | NO | YES |
| Aggregation/Decompositon | YES | YES | YES | NO |
| Random graph generator | YES | YES | YES | YES |
| Adjacency Matrices Manipulation | YES | YES | YES | YES |
| NODE CLASSIFICATION | YES | NO | NO | NO |
| ISOMORPHISM | YES | YES | NO | NO |
| COMMUNITY DETECTION | YES | NO | YES | NO |
| GUI VERSION | NO | NO | YES | NO |
| TENSOR MANIPULATION | YES | YES | YES | YES |
| NODE RANKING | YES | YES | YES | YES |
| TOPOLOGY ENRICHMENT | YES | NO | NO | NO |
| TEMPORAL NETWORKS | NO | NO | YES | YES |
| NETWORK EMBEDDING | YES | NO | NO | NO |

AVAILABLE MULTILAYER NETWORK VISUALISATION PACKAGE AND CORE FEATURE AVAILABLE IN THEM:-

REFFERENCE:-

<https://reposhub.com/python/data-validation/SkBlaz-Py3plex.html> (PY3PLEX)

<https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2341334> (PYMNET)

<https://doi.org/10.1093/comnet/cnu038https://doi.org/10.1093/comnet/cnu038> (MUXVIZ)

<https://iopscience.iop.org/article/10.1088/1367-2630/aa936a/metahttps://iopscience.iop.org/article/10.1088/1367-2630/aa936a/meta> (MULTINETX)