

Table 2. This table reports for each of the reviewed method the website where to find the implementation, if available.

	Method	Implementation
GNNs	Bruna et al. [93]	–
	Defferrard et al. [94]	<a href="https://github.com/mdeff/cnn_graph">https://github.com/mdeff/cnn_graph</a>
	Duvenaud et al. [95]	<a href="http://github.com/HIPS/neural-fingerprint">http://github.com/HIPS/neural-fingerprint</a>
	Gilmer et al. [36]	–
	Grover & Leskovec [54]	<a href="https://github.com/aditya-grover/node2vec">https://github.com/aditya-grover/node2vec</a>
	Hamilton et al. [64]	<a href="https://github.com/williamleif/GraphSAGE">https://github.com/williamleif/GraphSAGE</a>
	Kipf & Welling [96]	<a href="https://github.com/tkipf/gcn">https://github.com/tkipf/gcn</a>
	Niepert et al. [30]	–
	Perozzi et al. [89]	<a href="https://github.com/phanein/deepwalk">https://github.com/phanein/deepwalk</a>
Tang et al. [90]	<a href="https://github.com/tangjianpku/LINE">https://github.com/tangjianpku/LINE</a>	
Proteomics	Gligorijević et al. [71]	<a href="https://github.com/VGligorijevic/deepNF">https://github.com/VGligorijevic/deepNF</a>
	Grover & Leskovec [54]	<a href="https://github.com/aditya-grover/node2vec">https://github.com/aditya-grover/node2vec</a>
	Hamilton et al. [64]	<a href="https://github.com/williamleif/GraphSAGE">https://github.com/williamleif/GraphSAGE</a>
	Liu et al. [60]	–
	Senior et al. [76]	<a href="https://github.com/deepmind/deepmind-research/tree/master/alphafold_casp13">https://github.com/deepmind/deepmind-research/tree/master/alphafold_casp13</a>
	Yue et al. [41]	<a href="https://github.com/xiangyue9607/BioNEV">https://github.com/xiangyue9607/BioNEV</a>
	Zeng et al. [56]	<a href="https://github.com/CSUBioGroup/DeepEP">https://github.com/CSUBioGroup/DeepEP</a>
Zhang & Kabuka [100]	–	
Zitnik & Leskovec [65]	<a href="https://github.com/marinkaz/ohmnet">https://github.com/marinkaz/ohmnet</a>	
Drug Development, Discovery and Polypharmacy	Asada et al. [25]	–
	Duvenaud et al. [95]	<a href="http://github.com/HIPS/neural-fingerprint">http://github.com/HIPS/neural-fingerprint</a>
	Feinberg et al. [108]	–
	Fout et al. [30]	<a href="https://github.com/fouticus/pipgcn">https://github.com/fouticus/pipgcn</a>
	Gilmer et al. [36]	–
	Jiang et al. [55]	–
	Kearnes et al. [33]	–
	Li et al. [112]	<a href="https://github.com/MingCPU/DeepChemStable">https://github.com/MingCPU/DeepChemStable</a>
	Liu et al. [111]	–
	Ma et al. [43]	–
	Manoochchri et al. [40]	–
	Niepert et al. [30]	–
	Shang et al. [44]	<a href="https://github.com/sjy1203/GAMENet">https://github.com/sjy1203/GAMENet</a>
	Stokes et al. [23]	<a href="https://github.com/swansonk14/chemprop">https://github.com/swansonk14/chemprop</a>
	Torg & Altman [26]	–
Vaida & Purcell [27]	–	
Wang et al. [45]	<a href="https://github.com/WOW5678/CompNet">https://github.com/WOW5678/CompNet</a>	
Zeng et al. [28]	<a href="https://github.com/ChengF-Lab/deepDTnet">https://github.com/ChengF-Lab/deepDTnet</a>	
Zitnik et al. [46]	<a href="http://snap.stanford.edu/decagon">http://snap.stanford.edu/decagon</a>	
Disease Diagnosis	Han et al. [115]	–
	Marzullo et al. [117]	–
	Matsubara et al. [62]	<a href="https://sites.google.com/site/nacherlab/analysis">https://sites.google.com/site/nacherlab/analysis</a>
	Rhee et al. [72]	–
	Sun et al. [118]	–
	Zhang et al. [114]	–
Zhang et al. [116]	<a href="https://github.com/sheryl-ai/MVGCN">https://github.com/sheryl-ai/MVGCN</a>	
MN & GRN	Baranwal et al. [52]	<a href="https://github.com/baranwa2/MetabolicPathwayPrediction">https://github.com/baranwa2/MetabolicPathwayPrediction</a>
	Bove et al. [51]	–
	Turki et al. [49]	–