

Generate Graphs



Generate txt file (based on every graph)




Run the subgraph classify external software (by input the txt file)



output the subgraph list txt file.



Use subgraph-selecting functions to extract a specific subgraph and locate the index of each edge.

eg: if the specific subgraph is 

Then there will be a list for each generated graph

	edge I	edge II	edge III	edge IV	
	a_1	b_1	c_1	d_1	} # of this subgraphs in this generated graph
	a_2	b_2	c_2	d_2	
	\vdots	\vdots	\vdots	\vdots	
	\vdots	\vdots	\vdots	\vdots	
	\vdots	\vdots	\vdots	\vdots	

represent the # of row of the edge to endpoints



generate flows



Based on the flow and the subgraph-edge-index list to do the test.



represent test-pass-rate for each
flow $\{i, k, j-l\}$