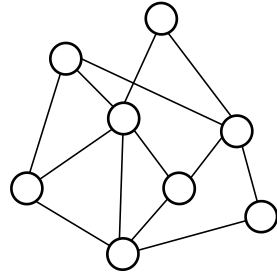
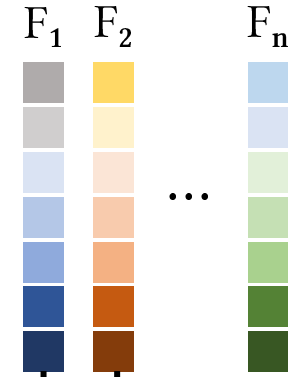


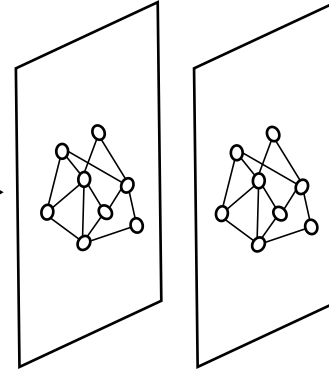
Graph


 $f(g)$

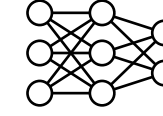
Feature Vectors


 $Bin(g)$
 $O(g)$
 $I(g)$

Graph Conv



MLP



Relationship Matrix

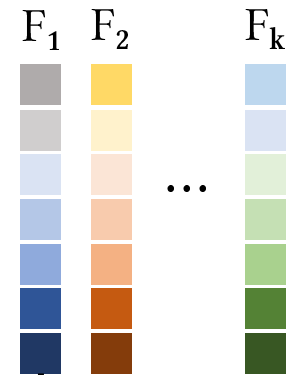
Constant	1	0.57	0.32	0.66	0.21
Degree	0.57	0.63	0.4	0.61	0.21
Clustering	0.32	0.53	0.58	0.61	0.22
PageRank	0.66	0.47	0.19	0.17	0.17
Aver_Path_Len	0.21	0.49	0.31	0.57	0.57
	Constant	Degree	Clustering	PageRank	Aver_Path_Len

 R_g

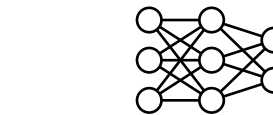
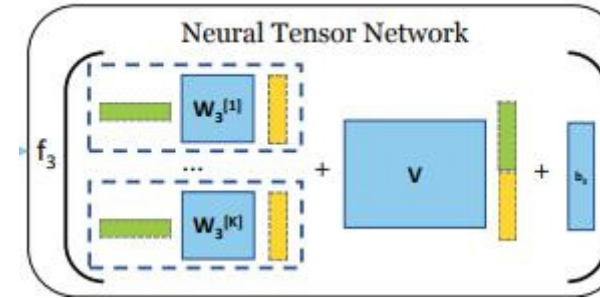
Single feature predict single feature

filter = 2

Constant	1	0.57	0.32	0.66	0.21
Degree	0.57	0.63	0.4	0.61	0.21
Clustering	0.32	0.53	0.58	0.61	0.22
PageRank	0.66	0.47	0.19	0.17	0.17
Aver_Path_Len	0.21	0.49	0.31	0.57	0.57
	Constant	Degree	Clustering	PageRank	Aver_Path_Len


 $I_1(g)$
 $O(g)$
 $I_2(g)$
 e_2
 e_1

Concatenation

Optimal Sets for predicting feature F_k

Multiple features predict single feature