

	Train	Test
(A, B, 1)	(A, G, ?)	
(A, C, 1)	(B, G, ?)	
(B, D, 1)	(C, D, ?)	
(C, E, 1)	(C, F, ?)	
.....	

(a) Data Preprocessing

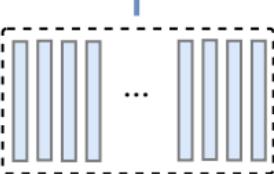
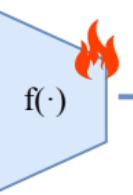
(b) Features Extraction Module

(d) Link Prediction Module

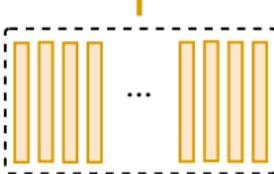
Bayesian Network

(c) Fusion Module

Fusion Module



Non-Topological Features



Topological Features



Trainable



$f(\cdot)$ Non-Topological Feature Extraction Module

Trainable

$g(\cdot)$ Topological Feature Extraction Module