



(d) Link Prediction Module

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

(c) Fusion Module

(b) Features Extraction Module

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



Trainable

$g(\cdot)$ Topological Feature Extraction Module

