

# UB-GOLD



## Evaluation

Comprehensive Metrics

Robustness under Perturbation

Generalization on Near-OOD and Far-OOD

OOD Judge Score Distributions

## Pre-processing

Anomaly/OOD Detection

Near-Far OOD Detection

Perturbation-based Detection

## Data

Intrinsic Anomaly

Class-based Anomaly

Inter-Dataset Shift

Intra-Dataset Shift

## 2-Step Method

### Graph kernel with detector (GK-D)

Weisfeiler-Leman subtree kerne

Propagation Kernel

Isolation Forest

SVM

### Self-supervised learning with detector (SSL-D)

GraphCL

InfoGraph

Isolation Forest

SVM

## End-2-End Method

### One-Class Classification

OCGIN

OCGTL

### Graph Reconstruction

GLADC

GraphDE

### Well-Trained GNNs

AAGOD

GOODAT

### Contrastive learning

GLocalKD

GOOD-D

CVTGOD

SIGNET