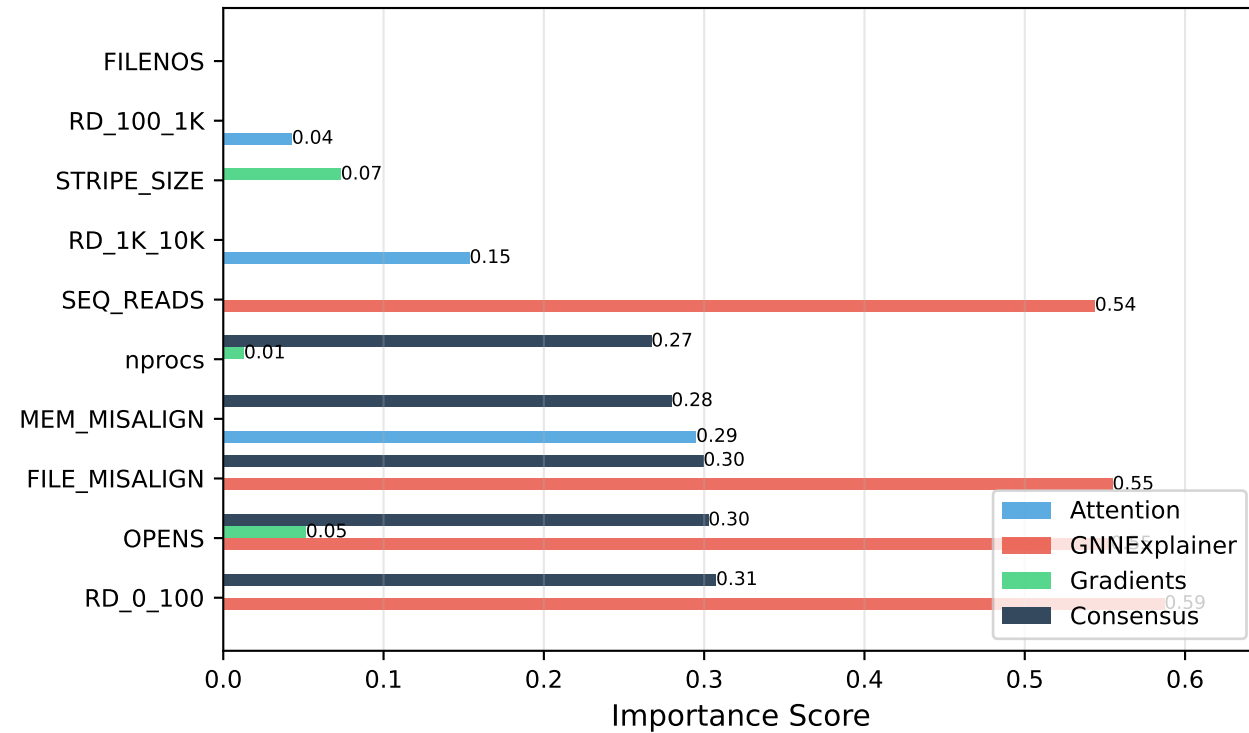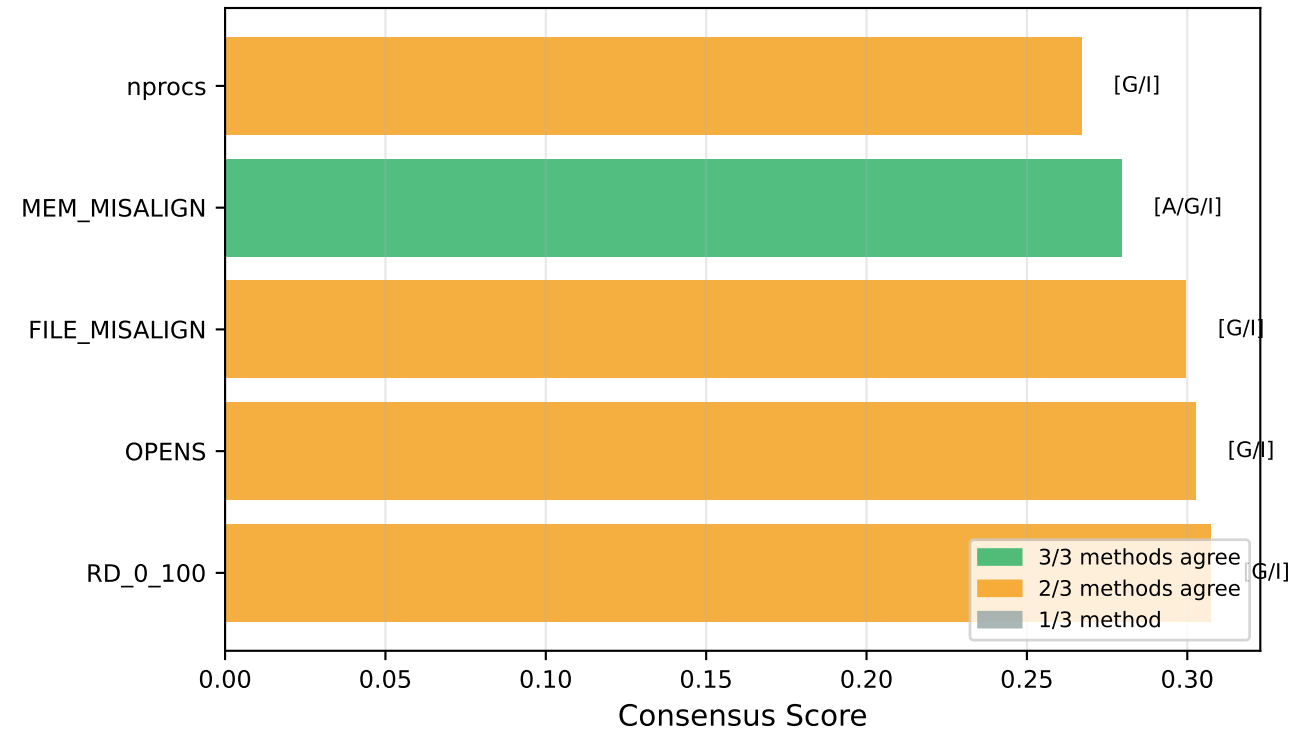Multi-Method GNN Interpretability Analysis for Node 25 (Poor Performer)
Performance Score: 0.3631
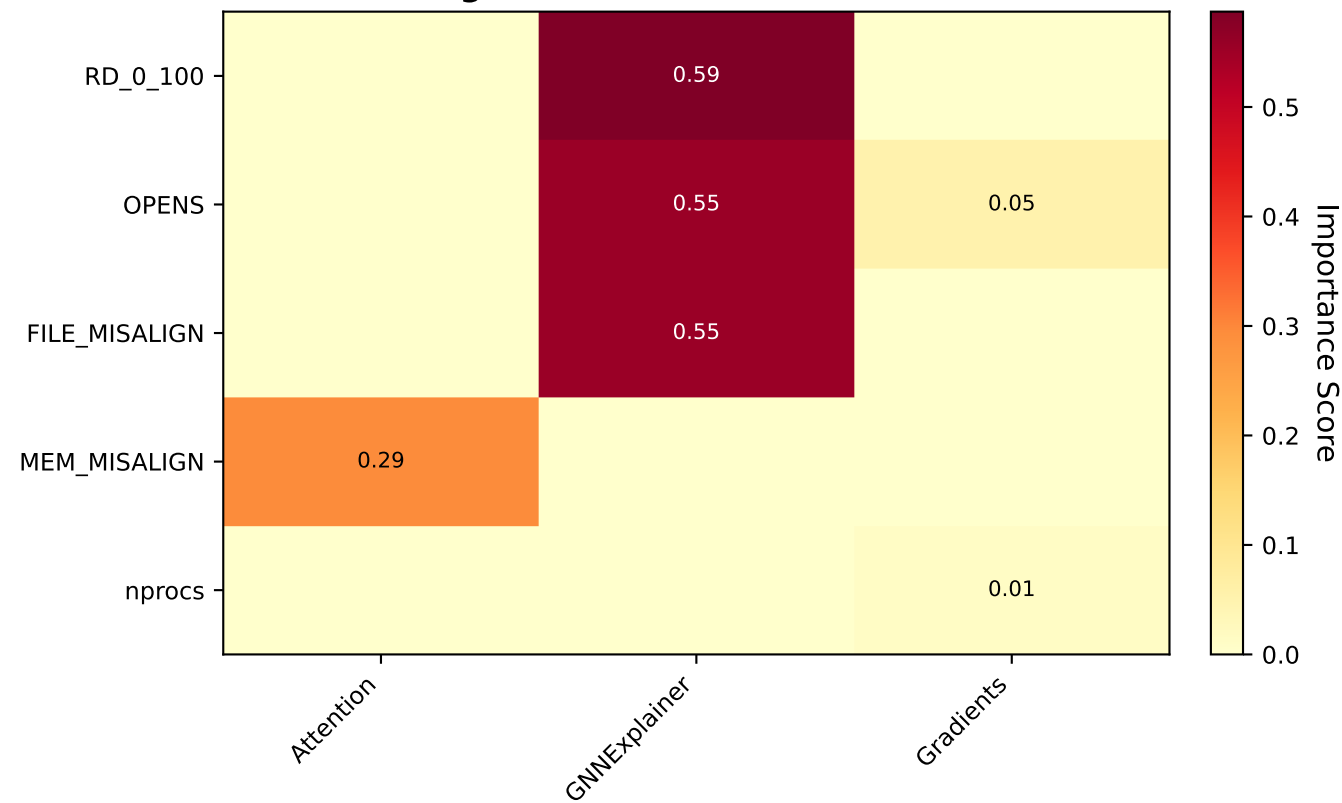
(A) Method Comparison

FILENOS
RD_100_1K — 0.04
STRIPE_SIZE — 0.07
RD_1K_10K — 0.15
SEQ_READS — 0.54
nprocs — 0.01, 0.27
MEM_MISALIGN — 0.28
FILE_MISALIGN — 0.29, 0.30
OPENS — 0.55
RD_0_100 — 0.05, 0.30, 0.59, 0.31

Legend: Attention, GNNExplainer, Gradients, Consensus

Importance Score

(B) Consensus Strength

nprocs [G/I]
MEM_MISALIGN [A/G/I]
FILE_MISALIGN [G/I]
OPENS [G/I]
RD_0_100 [G/I]

Legend: 3/3 methods agree, 2/3 methods agree, 1/3 method

Consensus Score

(C) Method Agreement Matrix

	Attention	GNNExplainer	Gradients
RD_0_100		0.59	
OPENS		0.55	0.05
FILE_MISALIGN		0.55	
MEM_MISALIGN	0.29		
nprocs			0.01

Importance Score

(D) Feature Contribution Waterfall

RD_0_100 — 21.1%
OPENS — 20.8%
FILE_MISALIGN — 20.6%
MEM_MISALIGN — 19.2%
nprocs — 18.3%
Total — **Total 100.0%**

Cumulative Contribution