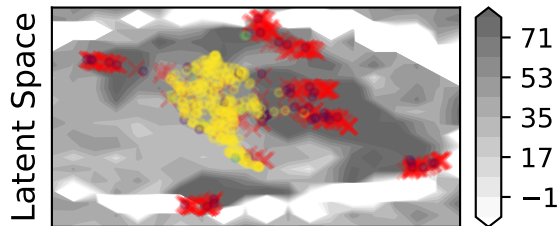
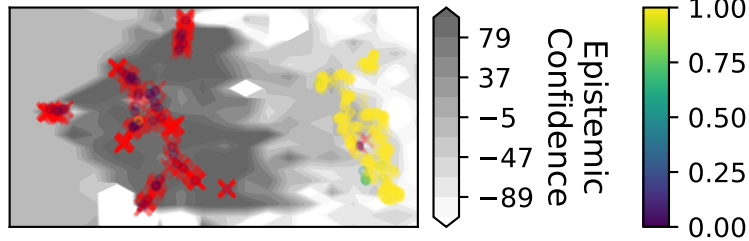


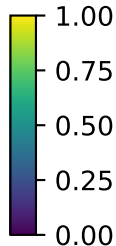
Vanilla GCN



GCN + Edge Reconstruction



Fraction of
LoC instances
in $\mathcal{N}^{(1)}$



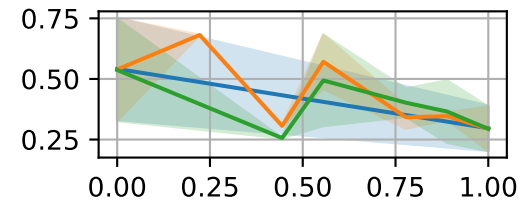
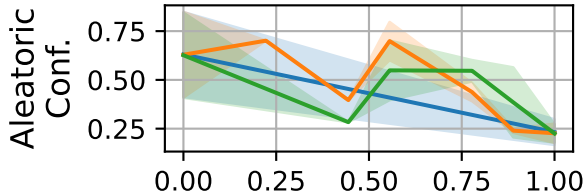
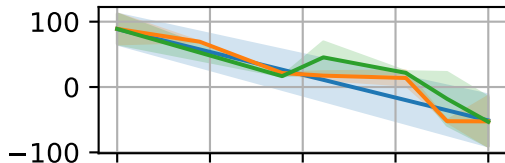
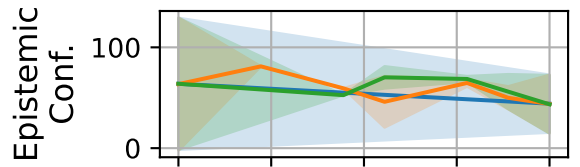
Epistemic
Confidence

Instances

- × Labeled (i.d.)
- Unlabeled

Neighbourhood

- 0-hops $\mathcal{N}^{(0)}$
- 1-hops $\mathcal{N}^{(1)}$
- 2-hops $\mathcal{N}^{(2)}$



Fraction of LoC
instances in $\mathcal{N}^{(k)}$

Fraction of LoC
instances in $\mathcal{N}^{(k)}$