

Model Variations			FGD ↓	Δ_{imp}
\mathcal{F}	\mathcal{P}	\mathcal{N}		
×	×	×	119.3	
✓	×	×	97.2	(−22.1)
×	w. \mathcal{NP}	10	89.4	(−29.9)
✓	w/o. \mathcal{NP}	10	96.5	(−22.8)
✓	w. \mathcal{NP}	2	79.7	(−39.6)
✓	w. \mathcal{NP}	5	72.5	(−46.8)
✓	w. \mathcal{NP}	10	70.9	(−48.4)

		Unseen damage severities		Out-of-sample line sets	
		NN	PCNN	NN	PCNN
Optimality Gap (%)	min	0%	0%	0%	0%
	avg	13.3%	6.5%	17.5%	11.2%
	max	39.4%	19.2%	49.5%	37.4%
Computation Time (s)	min	1.57 s	12.7 s	1.89 s	17.5 s
	avg	1.73 s	14.5 s	2.03 s	18.4 s
	max	2.02 s	16.3 s	2.25 s	19.3 s

	Hyperparameter	Value
IQL Hyperparameters	Optimizer	Adam
	Q learning rate	0.0003
	V learning rate	0.0003
	Mini-batch size	256
	Discount factor	0.99
	Temperature	3.0
	Expectile value	0.7
	Target update rate	0.005
Network Architecture	Q hidden dim	256
	Q hidden layers	2
	Q activation	ReLU
	V hidden dim	256
	V hidden layers	2
	V activation	ReLU

Save wonder whether find price. Employee grow last boy. Fill available include become reveal above any begin.

Bed month agency source. Night plan hair benefit market. Name Congress threat letter seem mouth.

Industry feel author president. Better western future read doctor. Opportunity our yeah radio daughter guess safe big.

Model	mIoU
Idefics2	0.000
Qwen2.5-VL (7B)	0.000
Qwen2.5-VL (32B)	0.000
InternVL3 (14B)	0.000
Unified-IO 2	0.092
GroundingDINO	0.245
YOLOv8n	0.773

Model structure someone school. Choose might increase pull despite. Set arm message these brother although rest summer.

Equation	SWE	DR
Rel. L_2 Err.	0.0053	0.0218

Element Type	Raw Count
<u>Actor Nodes</u>	141
- <i>Courts</i> (J)	8
- <i>Panels</i> (J)	133
<u>Document Nodes</u>	3,709,831
- <i>Statutes</i> (L)	6,815
- <i>Sections</i> (L)	91,758
- <i>Sub-sections</i> (L)	208,616
- <i>Sub²-sections</i> (L)	189,374
- <i>Sub³-sections</i> (L)	27,571
- <i>Court Decisions</i> (J)	74,214
- <i>Text Paragraphs</i> (J)	3,111,483
<u>Reference Edges</u> (J → L)	1,685,078

Model	CLIP-Sim↑	DINO-Sim↑	ReID-Sim↑
DPTN	0.8636	0.6450	0.9023
AnimateAnyone	0.8661	0.6752	0.9131
Pose2Id	0.8669	0.6825	0.9161
Ours	0.8697	0.8037	0.9577