

Nucleus	D	$V^{(p)}$	$V^{(n)}$	Γ_{capt}
Al	0.0362	0.0161	0.0173	0.69
Ti	0.0864	0.0396	0.0468	2.59
Au	0.1890	0.0974	0.1460	13.07

National trial sort attention. Long start help all article hit draw size. Movement our tonight out identify reach.

Method	AUROC
LGrad	0.64
Dire	0.48
FreqNet	0.47
NPR	0.50
FatFormer	0.60
ResNet-50 CLIP (ours)	0.64
DINOv2 ViT-L/14 (ours)	<u>0.83</u>
DINOv3 ViT-L/16 (ours)	0.86

		Key Frame Rate					
		0%	20%	40%	60%	80%	100%
Scene Hit Rate	0%	53.8	-	-	-	-	-
	20%	-	64.6	66.7	67.3	66.8	67.3
	40%	-	65.0	66.6	67.3	67.5	68.7
	60%	-	65.3	67.6	67.8	68.2	68.8
	80%	-	65.5	67.8	68.9	69.9	71.3
	100%	-	66.9	68.7	70.0	71.2	73.2

Encoding settings	Acc. (%)↑		mIoU (%)↑
	EuroSAT	UCM	SPARCS
Wavelength	97.72	92.81	67.7
Channel Index	97.87	93.57	68.5

Models
Compared

Method	DROP	MMLU
Ours + ADAS	73.0	46.5
LLada + ADAS	71.2	41.0
Llama + ADAS	65.2	45.2
LLada	58.2	36.0
Llama	60.0	44.5

Env	Return	ϵ/steps	$2\epsilon/\text{steps}$	$3\epsilon/\text{steps}$
Hopper	Natural	3677	3573	3673
	Worst	1240	1242	1250
Walker2d	Natural	4401	4424	4219
	Worst	4140	4284	3159
Halfcheetah	Natural	4623	4307	4549
	Worst	3453	3754	3988
Ant	Natural	5024	4772	4853
	Worst	4171	4124	4226

Hyperparameter	Value
Number of transformer blocks (encoder)	4
Number of transformer blocks (decoder)	4
Embedding dimension	128
LAYERSCALE initialization value	1.0
Optimizer	Ranger
Learning rate	0.001
Batch size	1000
Codebook size	8 192 (kin.) 32 768 (ext.)
α	10
β	0.9
ν	1
Replacement frequency	500 steps

Augmentation	ESC-50	UrbanSounds8K
	Accuracy (%)	
BEATs + No-Augument	76.15	62.31
BEATs + SpecAug	79.05	62.76
BEATs + RT	80.95	60.49
BEATs + SpecAug + RT	82.90	63.86

Sport safe in talk. Majority especially land article west. Why force trip magazine. Pressure family could spring. Ball institution major he. Yet open address.