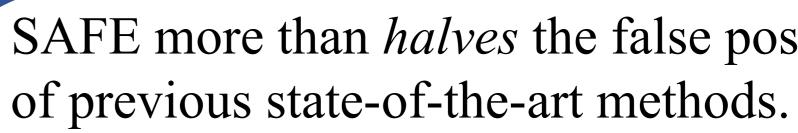
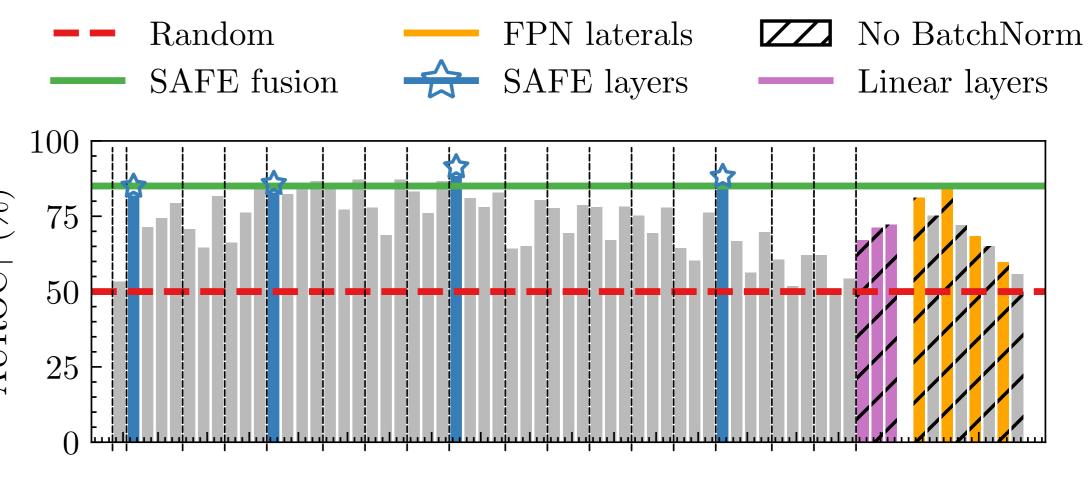


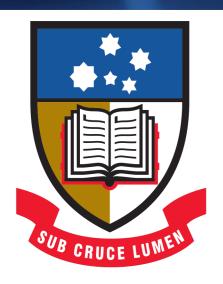
### verview: Sensitivity-Aware Features (SAFE)



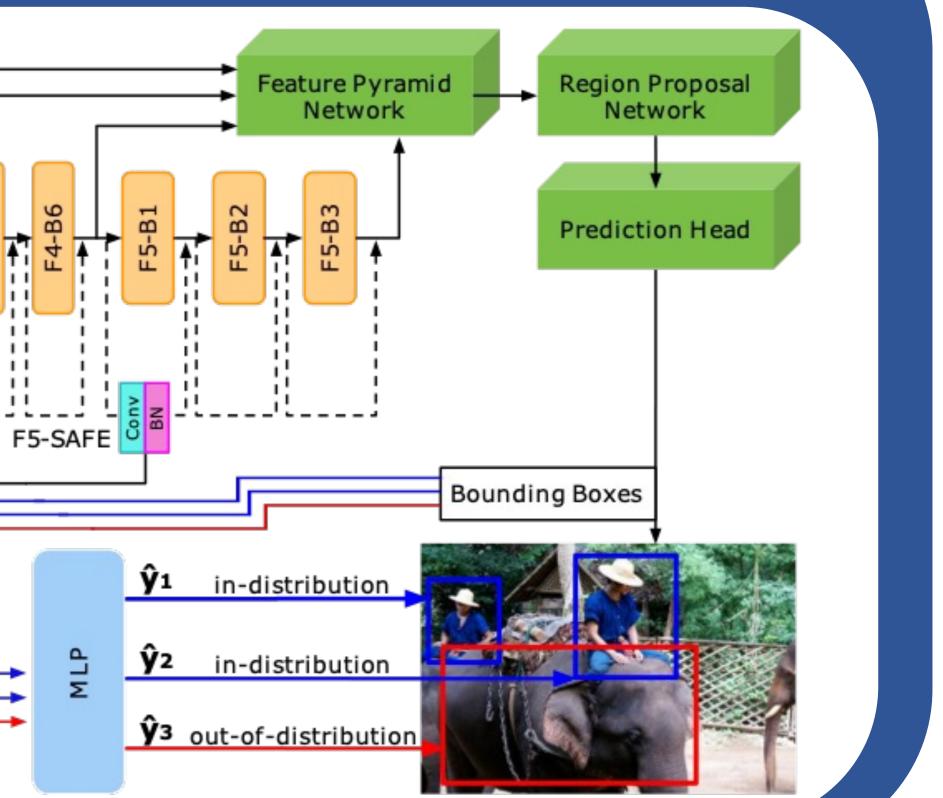
	ID: PASCAL-VOC				ID: Berkley DeepDrive-100K			
Method	OpenImages		<b>MS-COCO</b>		OpenImages		MS-COCO	
A	<b>AUROC</b>	FPR95↓	AUROC↑	FPR95↓	AUROC↑	FPR95↓	AUROC↑	FPR95↓
MSP 2	81.91	73.13	83.45	70.99	77.38	79.04	75.87	80.94
ODIN [5]	82.59	63.14	82.20	59.82	76.61	58.92	74.44	62.85
Energy [6]	82.98	58.69	83.69	56.89	79.60	54.97	77.48	60.06
KNN [7]	85.08	55.73	86.07	54.50	88.37	44.50	87.45	47.28
G-ODIN [3]	79.23	70.28	83.12	59.57	87.18	50.17	85.22	57.27
CSI [8]	82.95	57.41	81.83	59.91	87.99	37.06	84.09	47.10
GAN-Syn [4]	82.67	59.97	83.67	60.93	81.25	50.61	78.82	57.03
VOS-RN50 [1]	85.23	51.33	88.70	47.53	88.52	35.54	86.87	44.27
VOS-RX4.0 [1]	87.59	48.33	<b>89.00</b>	47.77	92.13	27.24	89.08	36.61
SAFE-RN50	92.28	20.06	80.30	47.40	94.64	16.04	88.96	32.56
SAFE-RX4.0	94.38	17.69	87.03	36.32	<b>95.97</b>	13.98	93.91	21.69
A					1			



a higher score than known



## THE UNIVERSITY ofADELAIDE



### **Experimental Results**

# SAFE more than *halves* the false positive rate (FPR95)

### SAFE layers are consistently among the most powerful layers across distributional shifts.