## **Multi-View Object Detection Performance Comparison MAP50 MAP50\_95 PRECISION** architecture architecture 0.9 \* p < 0.05 (corrected) architecture \* p < 0.05 (corrected) \* p < 0.05 (corrected) yolov8n yolov8n yolov8n 0.9 yolov11n yolov11n yolov11n yolov8n yolov8n yolov8n 0 yolov11n yolov11n yolov11n 8.0 0.8 0.80 0 PRECISION Score 0.70 MAP50\_95 Score MAP50 Score 0.6 0.65 0.5 0.5 -0 0.60 0 0.4 quad octa View Configuration full full dual full dual quad octal dual quad octal octal View Configuration View Configuration **RECALL** F1 SCORE 0.9 architecture architecture \* p < 0.05 (corrected) yolov8n yolov8n 0.85 yolov11n yolov11n yolov8n yolov8n 0.8 yolov11n yolov11n 0.80 0.75 O.75 0.70 0.70 0.70 RECALL Score 0.60 0.5 0.55 0.50 full full quad octal quad octal dual dual View Configuration View Configuration