

# Supplemental Material

## **1 Experimental Result Tables**

**Table 1** Comparison of different stages of fusion for the proposed adaptive fusion approach. The results are given as mean and standard deviation over five runs. The different stages seem to be beneficial for different types of distributional uncertainty. Considering the high standard deviation on the results of some test settings, we decided to use the approach with fusion after the fourth block for the comparison against the baselines.

Data Set	Metric		Stage of Adaptive Fusion				
			Fusion Stage 1	Fusion Stage 2	Fusion Stage 3	Fusion Stage 4	Fusion Stage 5
Testing	F1 (micro)	↑	0.76±0.01	0.76±0.00	<b>0.77±0.00</b>	<b>0.77±0.00</b>	0.76±0.00
	F1 (macro)	↑	0.71±0.01	0.71±0.01	<b>0.72±0.00</b>	<b>0.72±0.01</b>	0.71±0.01
	F1 (sample)	↑	0.77±0.01	0.77±0.00	<b>0.78±0.00</b>	<b>0.78±0.00</b>	0.77±0.00
	F2 (micro)	↑	0.75±0.00	0.75±0.00	0.75±0.01	<b>0.76±0.00</b>	0.74±0.00
	F2 (macro)	↑	0.68±0.01	0.70±0.01	0.69±0.01	<b>0.71±0.01</b>	0.68±0.01
	F2 (sample)	↑	<b>0.77±0.00</b>	<b>0.77±0.00</b>	<b>0.77±0.01</b>	<b>0.77±0.00</b>	0.76±0.00
Cloudy	F1 (micro)	↑	0.75±0.01	0.75±0.01	<b>0.76±0.01</b>	<b>0.76±0.01</b>	0.75±0.01
	F1 (macro)	↑	0.62±0.02	0.63±0.02	0.63±0.04	<b>0.64±0.02</b>	0.60±0.02
	F1 (sample)	↑	0.75±0.01	0.75±0.01	<b>0.76±0.01</b>	<b>0.76±0.01</b>	0.75±0.00
	F2 (micro)	↑	0.73±0.02	0.73±0.02	<b>0.74±0.02</b>	<b>0.74±0.01</b>	0.72±0.01
	F2 (macro)	↑	0.58±0.03	0.60±0.02	0.60±0.04	<b>0.61±0.03</b>	0.56±0.02
	F2 (sample)	↑	0.75±0.02	0.75±0.01	0.75±0.02	<b>0.76±0.01</b>	0.74±0.01
Cloudy Handpicked	F1 (micro)	↑	<b>0.71±0.02</b>	0.66±0.05	0.69±0.02	0.67±0.03	0.67±0.02
	F1 (macro)	↑	<b>0.47±0.02</b>	0.41±0.03	0.43±0.02	0.41±0.01	0.43±0.02
	F1 (sample)	↑	<b>0.71±0.02</b>	0.65±0.07	0.69±0.03	0.67±0.03	0.67±0.03
	F2 (micro)	↑	<b>0.70±0.03</b>	0.63±0.07	0.67±0.03	0.65±0.03	0.63±0.03
	F2 (macro)	↑	<b>0.45±0.02</b>	0.40±0.04	0.41±0.02	0.40±0.02	0.40±0.02
	F2 (sample)	↑	<b>0.71±0.03</b>	0.65±0.08	0.68±0.03	0.67±0.03	0.66±0.03
Snow and Ice	F1 (micro)	↑	<b>0.78±0.01</b>	<b>0.78±0.01</b>	<b>0.78±0.02</b>	<b>0.78±0.01</b>	0.73±0.01
	F1 (macro)	↑	0.52±0.03	0.52±0.03	0.51±0.04	<b>0.53±0.02</b>	0.47±0.03
	F1 (sample)	↑	0.77±0.01	0.77±0.02	<b>0.78±0.02</b>	<b>0.78±0.01</b>	0.72±0.01
	F2 (micro)	↑	0.77±0.03	0.78±0.02	0.77±0.03	<b>0.79±0.01</b>	0.70±0.02
	F2 (macro)	↑	0.49±0.04	0.50±0.02	0.49±0.05	<b>0.51±0.01</b>	0.43±0.03
	F2 (sample)	↑	0.78±0.03	0.78±0.02	0.78±0.02	<b>0.79±0.01</b>	0.71±0.02
Optical Only	F1 (micro)	↑	<b>0.76±0.01</b>	<b>0.76±0.00</b>	<b>0.76±0.00</b>	<b>0.76±0.00</b>	0.74±0.00
	F1 (macro)	↑	0.70±0.01	0.71±0.00	0.70±0.01	<b>0.72±0.00</b>	0.68±0.00
	F1 (sample)	↑	<b>0.77±0.01</b>	<b>0.77±0.00</b>	<b>0.77±0.00</b>	<b>0.77±0.00</b>	0.75±0.00
	F2 (micro)	↑	0.74±0.01	<b>0.75±0.00</b>	0.74±0.01	<b>0.75±0.01</b>	0.71±0.01
	F2 (macro)	↑	0.68±0.01	<b>0.69±0.01</b>	0.68±0.01	<b>0.69±0.00</b>	0.63±0.00
	F2 (sample)	↑	0.76±0.01	0.76±0.00	0.76±0.01	<b>0.77±0.00</b>	0.73±0.01
SAR Only	F1 (micro)	↑	<b>0.69±0.01</b>	0.67±0.03	<b>0.69±0.02</b>	0.68±0.01	0.67±0.01
	F1 (macro)	↑	<b>0.60±0.01</b>	0.59±0.04	<b>0.60±0.02</b>	<b>0.60±0.01</b>	0.56±0.01
	F1 (sample)	↑	<b>0.70±0.01</b>	0.68±0.03	<b>0.70±0.02</b>	0.69±0.01	0.68±0.01
	F2 (micro)	↑	<b>0.67±0.01</b>	0.65±0.03	<b>0.67±0.03</b>	0.66±0.01	0.63±0.01
	F2 (macro)	↑	<b>0.57±0.02</b>	0.56±0.05	<b>0.57±0.03</b>	<b>0.57±0.01</b>	0.52±0.02
	F2 (sample)	↑	<b>0.69±0.01</b>	0.67±0.03	<b>0.69±0.03</b>	0.68±0.01	0.65±0.01
Optical Corrupted	F1 (micro)	↑	0.49±0.12	0.57±0.11	0.63±0.09	0.61±0.07	<b>0.66±0.01</b>
	F1 (macro)	↑	0.36±0.12	0.46±0.12	0.52±0.11	0.52±0.08	<b>0.54±0.03</b>
	F1 (sample)	↑	0.47±0.13	0.56±0.11	0.62±0.10	0.61±0.07	<b>0.66±0.02</b>
	F2 (micro)	↑	0.43±0.12	0.53±0.10	0.59±0.09	0.58±0.07	<b>0.62±0.02</b>
	F2 (macro)	↑	0.32±0.11	0.43±0.10	0.48±0.10	0.49±0.08	<b>0.50±0.03</b>
	F2 (sample)	↑	0.44±0.13	0.54±0.11	0.60±0.10	0.60±0.08	<b>0.64±0.02</b>
SAR Corrupted	F1 (micro)	↑	0.32±0.04	0.45±0.13	0.45±0.15	0.49±0.14	<b>0.54±0.10</b>
	F1 (macro)	↑	0.17±0.02	0.30±0.16	0.32±0.17	0.36±0.16	<b>0.39±0.15</b>
	F1 (sample)	↑	0.30±0.05	0.43±0.14	0.42±0.16	0.47±0.15	<b>0.55±0.10</b>
	F2 (micro)	↑	0.31±0.05	0.41±0.12	0.41±0.15	0.45±0.14	<b>0.48±0.11</b>
	F2 (macro)	↑	0.20±0.02	0.31±0.14	0.32±0.14	<b>0.37±0.15</b>	<b>0.37±0.13</b>
	F2 (sample)	↑	0.30±0.05	0.41±0.14	0.40±0.16	0.45±0.15	<b>0.51±0.11</b>

**Table 2** Evaluation of the proposed method and the baseline approaches on different test settings. The results are given as mean and standard deviation over five runs. Based on the results in Table 1 we use the fusion stage 4 for the proposed approaches. For the Optical Only and for the SAR Only approaches only the results with available data is listed, for the Baseline fusion approaches, the missing modalities are masked out with zeros.

Data Set	Metric	Approach						
		Baseline Fusion (early)	Baseline Fusion (late)	Embrace Net	Optical Only	SAR Only	Non-Adaptive Fusion (proposed)	Adaptive Fusion (proposed)
Testing	F1 Score (micro)	↑ <b>0.77±0.00</b>	0.76±0.01	0.76±0.01	0.76±0.01	0.71±0.01	<b>0.77±0.00</b>	<b>0.77±0.00</b>
	F1 Score (macro)	↑ 0.72±0.01	0.71±0.01	0.72±0.01	0.71±0.00	0.63±0.01	<b>0.73±0.00</b>	0.72±0.01
	F1 Score (sample)	↑ 0.77±0.00	0.77±0.01	0.77±0.01	0.77±0.01	0.71±0.01	<b>0.78±0.00</b>	<b>0.78±0.00</b>
	F2 Score (micro)	↑ 0.75±0.00	0.75±0.00	0.75±0.01	0.75±0.00	0.69±0.01	<b>0.76±0.00</b>	<b>0.76±0.00</b>
	F2 Score (macro)	↑ 0.70±0.01	0.69±0.01	0.70±0.01	0.69±0.00	0.61±0.01	<b>0.72±0.00</b>	0.71±0.01
	F2 Score (sample)	↑ 0.77±0.00	0.76±0.00	0.77±0.01	0.77±0.00	0.71±0.01	<b>0.78±0.00</b>	0.77±0.00
	Avg. Entropy	0.30±0.03	0.29±0.04	0.31±0.02	0.29±0.04	0.36±0.03	0.31±0.02	0.34±0.02
	Calibration Error	↓ <b>0.02±0.01</b>	0.03±0.02	<b>0.02±0.01</b>	0.03±0.02	0.03±0.02	<b>0.02±0.01</b>	<b>0.02±0.00</b>
Cloudy	F1 Score (micro)	↑ 0.72±0.01	0.71±0.01	0.71±0.01	0.71±0.00	0.73±0.01	0.75±0.01	<b>0.76±0.01</b>
	F1 Score (macro)	↑ 0.61±0.02	0.60±0.02	0.59±0.02	0.58±0.02	0.61±0.01	<b>0.65±0.02</b>	0.64±0.02
	F1 Score (sample)	↑ 0.72±0.01	0.71±0.01	0.70±0.01	0.70±0.00	0.74±0.01	0.75±0.01	<b>0.76±0.01</b>
	F2 Score (micro)	↑ 0.71±0.01	0.69±0.01	0.69±0.01	0.69±0.01	0.72±0.01	0.73±0.01	<b>0.74±0.01</b>
	F2 Score (macro)	↑ 0.59±0.02	0.58±0.02	0.56±0.01	0.55±0.03	0.59±0.02	<b>0.63±0.02</b>	0.61±0.01
	F2 Score (sample)	↑ 0.72±0.01	0.71±0.01	0.70±0.01	0.70±0.01	0.74±0.01	0.75±0.01	<b>0.76±0.01</b>
	Avg. Entropy	0.31±0.04	0.30±0.05	0.32±0.03	0.29±0.05	0.30±0.03	0.30±0.02	0.34±0.02
	Calibration Error	↓ 0.04±0.01	0.04±0.02	0.03±0.01	0.04±0.02	0.03±0.01	<b>0.02±0.01</b>	<b>0.02±0.00</b>
Very Cloudy	F1 Score (micro)	↑ 0.46±0.04	0.45±0.04	0.45±0.05	0.43±0.02	<b>0.73±0.01</b>	0.55±0.05	0.67±0.03
	F1 Score (macro)	↑ 0.26±0.03	0.26±0.02	0.26±0.03	0.24±0.01	<b>0.47±0.01</b>	0.33±0.04	0.41±0.01
	F1 Score (sample)	↑ 0.43±0.05	0.41±0.04	0.40±0.04	0.39±0.02	<b>0.73±0.01</b>	0.53±0.05	0.67±0.03
	F2 Score (micro)	↑ 0.41±0.05	0.40±0.04	0.39±0.05	0.38±0.03	<b>0.72±0.01</b>	0.51±0.05	0.65±0.03
	F2 Score (macro)	↑ 0.25±0.03	0.25±0.02	0.23±0.03	0.22±0.01	<b>0.47±0.01</b>	0.32±0.04	0.40±0.02
	F2 Score (sample)	↑ 0.42±0.05	0.40±0.04	0.39±0.05	0.37±0.03	<b>0.74±0.01</b>	0.52±0.06	0.67±0.03
	Avg. Entropy	0.32±0.05	0.33±0.06	0.32±0.04	0.30±0.04	0.30±0.03	0.31±0.02	0.38±0.02
	Calibration Error	↓ 0.12±0.02	0.12±0.02	0.11±0.02	0.12±0.02	<b>0.03±0.01</b>	0.08±0.01	<b>0.03±0.00</b>
Snow and Ice	F1 Score (micro)	↑ 0.75±0.01	0.76±0.00	0.76±0.01	0.76±0.01	0.71±0.01	<b>0.78±0.01</b>	<b>0.78±0.01</b>
	F1 Score (macro)	↑ 0.49±0.03	0.50±0.02	0.51±0.02	0.49±0.02	0.48±0.01	<b>0.55±0.02</b>	0.53±0.01
	F1 Score (sample)	↑ 0.74±0.01	0.76±0.01	0.76±0.01	0.75±0.01	0.70±0.01	<b>0.78±0.01</b>	<b>0.78±0.02</b>
	F2 Score (micro)	↑ 0.74±0.03	0.76±0.01	0.75±0.02	0.74±0.02	0.69±0.01	<b>0.79±0.01</b>	<b>0.79±0.01</b>
	F2 Score (macro)	↑ 0.46±0.03	0.49±0.03	0.48±0.03	0.46±0.02	0.46±0.01	<b>0.53±0.01</b>	0.51±0.01
	F2 Score (sample)	↑ 0.74±0.02	0.77±0.01	0.76±0.02	0.75±0.02	0.70±0.01	<b>0.80±0.01</b>	0.79±0.01
	Avg. Entropy	0.29±0.03	0.28±0.02	0.29±0.03	0.27±0.02	0.32±0.03	0.30±0.02	0.31±0.02
	Calibration Error	↓ 0.03±0.02	0.03±0.01	0.03±0.01	0.03±0.01	0.04±0.01	<b>0.02±0.01</b>	<b>0.02±0.00</b>
Unknown	Avg. Entropy	↑ 0.31±0.03	0.30±0.01	0.29±0.03	0.31±0.02	0.25±0.03	0.36±0.03	<b>0.80±0.04</b>
Classes	F1 Score (micro)	↑ 0.52±0.03	0.75±0.00	<b>0.76±0.00</b>	<b>0.76±0.01</b>	-	<b>0.76±0.00</b>	<b>0.76±0.00</b>
	F1 Score (macro)	↑ 0.42±0.04	0.70±0.01	0.71±0.01	0.71±0.00	-	<b>0.72±0.00</b>	<b>0.72±0.00</b>
Missing SAR	F1 Score (sample)	↑ 0.52±0.03	0.76±0.00	<b>0.77±0.00</b>	<b>0.77±0.01</b>	-	<b>0.77±0.00</b>	<b>0.77±0.00</b>
	F2 Score (micro)	↑ 0.46±0.04	0.74±0.01	<b>0.76±0.00</b>	0.75±0.00	-	0.75±0.01	0.75±0.01
	F2 Score (macro)	↑ 0.39±0.04	0.69±0.02	<b>0.72±0.01</b>	0.69±0.00	-	0.69±0.00	0.69±0.00
	F2 Score (sample)	↑ 0.49±0.03	0.76±0.01	<b>0.77±0.00</b>	<b>0.77±0.00</b>	-	<b>0.78±0.00</b>	0.78±0.00
Missing Optical	Avg. Entropy	0.33±0.04	0.33±0.04	0.20±0.01	0.29±0.04	-	0.33±0.02	0.31±0.02
	Calibration Error	↓ 0.10±0.01	0.02±0.01	0.06±0.01	0.03±0.02	-	<b>0.01±0.00</b>	<b>0.01±0.00</b>
	F1 Score (micro)	↑ 0.22±0.01	0.48±0.02	0.52±0.02	-	<b>0.71±0.01</b>	0.68±0.01	0.68±0.01
	F1 Score (macro)	↑ 0.07±0.01	0.40±0.02	0.44±0.01	-	<b>0.63±0.01</b>	0.60±0.01	0.60±0.01
	F1 Score (sample)	↑ 0.23±0.01	0.47±0.02	0.51±0.01	-	<b>0.71±0.01</b>	0.69±0.01	0.69±0.01
	F2 Score (micro)	↑ 0.19±0.01	0.49±0.03	0.54±0.01	-	<b>0.69±0.01</b>	0.66±0.01	0.66±0.01
	F2 Score (macro)	↑ 0.09±0.00	0.41±0.03	0.46±0.01	-	<b>0.61±0.01</b>	0.57±0.01	0.57±0.01
	F2 Score (sample)	↑ 0.21±0.01	0.48±0.02	0.53±0.01	-	<b>0.71±0.01</b>	0.68±0.01	0.68±0.01
Optical Corrupted	Avg. Entropy	0.13±0.02	0.74±0.08	0.59±0.05	-	0.36±0.03	0.41±0.01	0.41±0.01
	Calibration Error	↓ 0.27±0.01	0.11±0.01	0.08±0.02	-	0.03±0.02	<b>0.02±0.00</b>	<b>0.02±0.00</b>
	F1 Score (micro)	↑ 0.33±0.02	0.36±0.04	0.38±0.02	0.25±0.06	<b>0.71±0.01</b>	0.41±0.03	0.61±0.07
	F1 Score (macro)	↑ 0.18±0.03	0.18±0.02	0.19±0.02	0.12±0.02	<b>0.63±0.01</b>	0.27±0.06	0.52±0.08
	F1 Score (sample)	↑ 0.32±0.02	0.34±0.04	0.36±0.02	0.23±0.06	<b>0.71±0.01</b>	0.40±0.02	0.61±0.07
	F2 Score (micro)	↑ 0.31±0.03	0.34±0.06	0.36±0.04	0.23±0.07	<b>0.69±0.01</b>	0.38±0.03	0.58±0.07
	F2 Score (macro)	↑ 0.19±0.03	0.21±0.04	0.22±0.03	0.14±0.03	<b>0.61±0.01</b>	0.27±0.04	0.49±0.08
	F2 Score (sample)	↑ 0.31±0.03	0.33±0.05	0.36±0.03	0.22±0.07	<b>0.71±0.01</b>	0.38±0.02	0.60±0.08
SAR Corrupted	Avg. Entropy	0.50±0.04	0.37±0.06	0.39±0.10	0.45±0.10	0.36±0.03	0.44±0.10	0.53±0.05
	Calibration Error	↓ 0.14±0.02	0.19±0.05	0.18±0.04	0.18±0.04	<b>0.03±0.02</b>	0.12±0.06	0.04±0.02
	F1 Score (micro)	↑ 0.64±0.02	0.55±0.07	0.48±0.05	<b>0.76±0.01</b>	0.23±0.05	0.37±0.06	0.49±0.14
	F1 Score (macro)	↑ 0.56±0.02	0.45±0.08	0.37±0.03	<b>0.71±0.00</b>	0.09±0.04	0.25±0.03	0.36±0.16
	F1 Score (sample)	↑ 0.63±0.02	0.54±0.08	0.46±0.05	<b>0.77±0.01</b>	0.23±0.04	0.35±0.06	0.47±0.15
	F2 Score (micro)	↑ 0.60±0.02	0.52±0.06	0.46±0.04	<b>0.75±0.00</b>	0.23±0.08	0.35±0.05	0.45±0.14
	F2 Score (macro)	↑ 0.54±0.03	0.44±0.07	0.37±0.04	<b>0.69±0.00</b>	0.12±0.05	0.27±0.04	0.37±0.15
	F2 Score (sample)	↑ 0.61±0.02	0.53±0.07	0.46±0.03	<b>0.77±0.00</b>	0.22±0.07	0.34±0.06	0.45±0.15
	Avg. Entropy	0.39±0.03	0.27±0.05	0.26±0.03	0.29±0.04	0.31±0.17	0.36±0.05	0.39±0.05
	Calibration Error	↓ 0.04±0.01	0.13±0.04	0.16±0.03	0.18±0.04	<b>0.03±0.02</b>	0.26±0.11	0.10±0.04

**Table 3** Separation of in-distribution samples and OOD samples. The given values only indicate how well the considered approaches and metrics separate the given data sets. For the cloudy data set, for example, many samples contain almost no clouds and hence the sample might not be interpreted as a clear OOD example. For the Optical Only and for the SAR Only approaches only the results with available data is listed, for the Baseline fusion approaches, the missing modalities are masked out with zeros. For cases, where the separation of in-distribution and OOD examples is clear, the direction of improvement is indicated by an arrow.

Data Set	Metric	Approach						
		Baseline Fusion (early)	Baseline Fusion (late)	Embrace Net	Optical Only	SAR Only	Non- Adaptive Fusion (proposed)	Adaptive Fusion (proposed)
Cloudy	AUROC (avg. conf)	0.72±0.03	0.73±0.04	0.70±0.03	0.73±0.02	0.62±0.04	0.67±0.03	0.72±0.03
	AUROC (avg. entropy)	0.71±0.03	0.73±0.04	0.69±0.03	0.73±0.01	0.59±0.03	0.65±0.03	0.71±0.04
	AUPR (avg. conf)	0.62±0.01	0.63±0.02	0.62±0.01	0.63±0.01	0.59±0.01	0.60±0.01	0.63±0.01
	AUPR (avg. entropy)	0.70±0.03	0.73±0.05	0.68±0.04	0.72±0.02	0.56±0.03	0.65±0.03	0.72±0.03
Cloudy Handpicked	AUROC (avg. conf)	0.72±0.08	0.78±0.06	0.69±0.07	0.74±0.06	0.63±0.05	0.68±0.05	0.77±0.05
	AUROC (avg. entropy)	0.72±0.08	0.78±0.07	0.68±0.07	0.75±0.04	0.59±0.05	0.68±0.06	0.77±0.07
	AUPR (avg. conf)	0.61±0.04	0.65±0.02	0.60±0.04	0.62±0.03	0.57±0.02	0.58±0.03	0.64±0.02
	AUPR (avg. entropy)	0.69±0.08	0.76±0.08	0.66±0.07	0.73±0.05	0.58±0.05	0.68±0.05	0.77±0.07
Snow and Ice	AUROC (avg. conf)	0.62±0.08	0.63±0.05	0.60±0.05	0.63±0.06	0.58±0.02	0.62±0.03	0.62±0.03
	AUROC (avg. entropy)	0.60±0.09	0.62±0.06	0.58±0.06	0.61±0.08	0.55±0.02	0.61±0.05	0.60±0.04
	AUPR (avg. conf)	0.59±0.04	0.60±0.02	0.59±0.02	0.60±0.02	0.58±0.01	0.60±0.01	0.60±0.01
	AUPR (avg. entropy)	0.55±0.07	0.56±0.05	0.52±0.04	0.56±0.06	0.54±0.02	0.55±0.04	0.56±0.03
Unknown Classes	AUROC (avg. conf)	↑ 0.68±0.05	0.69±0.07	0.64±0.07	0.72±0.10	0.41±0.12	0.73±0.08	0.86±0.05
	AUROC (avg. entropy)	↑ 0.67±0.04	0.69±0.08	0.61±0.05	0.71±0.08	0.42±0.11	0.74±0.05	0.91±0.04
	AUPR (avg. conf)	↑ 0.62±0.02	0.62±0.02	0.61±0.03	0.63±0.03	0.42±0.12	0.63±0.02	0.66±0.02
	AUPR (avg. entropy)	↑ 0.54±0.03	0.56±0.06	0.51±0.03	0.58±0.06	0.43±0.05	0.62±0.05	0.94±0.02
Missing SAR	AUROC (avg. conf)	0.54±0.03	0.58±0.01	0.31±0.01	-	-	0.54±0.01	0.48±0.01
	AUROC (avg. entropy)	0.57±0.03	0.59±0.01	0.28±0.01	-	-	0.54±0.01	0.48±0.01
	AUPR (avg. conf)	0.52±0.02	0.55±0.01	0.31±0.01	-	-	0.52±0.01	0.48±0.00
	AUPR (avg. entropy)	0.57±0.04	0.60±0.01	0.37±0.00	-	-	0.54±0.01	0.47±0.01
Missing Optical	AUROC (avg. conf)	0.13±0.05	0.99±0.01	0.90±0.03	-	-	0.66±0.03	0.64±0.03
	AUROC (avg. entropy)	0.13±0.06	0.99±0.01	0.92±0.02	-	-	0.68±0.03	0.65±0.03
	AUPR (avg. conf)	0.18±0.05	0.69±0.00	0.68±0.00	-	-	0.60±0.01	0.59±0.02
	AUPR (avg. entropy)	0.33±0.01	0.99±0.01	0.93±0.02	-	-	0.69±0.03	0.60±0.02
Optical Corrupted	AUROC (avg. conf)	0.86±0.03	0.66±0.06	0.66±0.17	0.81±0.12	-	0.72±0.14	0.76±0.05
	AUROC (avg. entropy)	0.88±0.02	0.70±0.08	0.67±0.18	0.82±0.13	-	0.76±0.15	0.79±0.05
	AUPR (avg. conf)	0.67±0.01	0.61±0.02	0.60±0.08	0.65±0.03	-	0.63±0.05	0.64±0.02
	AUPR (avg. entropy)	0.84±0.03	0.60±0.08	0.60±0.16	0.74±0.17	-	0.69±0.15	0.74±0.03
SAR Corrupted	AUROC (avg. conf)	0.65±0.02	0.45±0.06	0.39±0.04	-	0.44±0.32	0.58±0.08	0.59±0.09
	AUROC (avg. entropy)	0.68±0.02	0.45±0.07	0.39±0.04	-	0.46±0.32	0.61±0.08	0.62±0.09
	AUPR (avg. conf)	0.59±0.01	0.49±0.04	0.46±0.03	-	0.42±0.25	0.57±0.04	0.58±0.04
	AUPR (avg. entropy)	0.68±0.02	0.45±0.06	0.41±0.02	-	0.48±0.14	0.55±0.07	0.56±0.08

## 2 Data Distributions



