Table 1: Comparison results with other SOTA methods on Atlantic Forest validation dataset under evaluation metrics (%).

Labeled Data	Metric	Validation				
		SusOnly	CCT	PS-MT*	ST(TTA)	Semi-FCMNet
1/16(16)	Precision(NF)	91.90%	66.18%	82.86%	**92.48%**	90.95%
	Precision(F)	70.74%	33.81%	70.39%	74.60%	**76.22%**
	Recall(NF)	81.85%	74.99%	85.98%	**96.89%**	86.75%
	Recall(F)	**85.88%**	24.99%	65.21%	69.77%	83.10%
	F1-score(NF)	86.58%	70.31%	84.39%	86.29%	**88.80%**
	F1-score(F)	77.58%	28.74%	67.70%	78.84%	**79.51%**
1/8(32)	Precision(NF)	89.23%	66.18%	85.28%	89.92%	**90.88%**
	Precision(F)	75.94%	33.81%	**80.23%**	76.77%	77.58%
	Recall(NF)	87.14%	74.99%	**95.23%**	87.50%	87.77%
	Recall(F)	79.42%	24.99%	54.07%	80.82%	**82.77%**
	F1-score(NF)	88.17%	70.31%	87.09%	88.70%	**89.30%**
	F1-score(F)	77.64%	28.74%	66.18%	78.74%	**80.09%**
1/4(63)	Precision(NF)	89.49%	66.18%	84.96	89.74%	**90.34%**
	Precision(F)	73.98%	33.81%	**82.22%**	77.82%	78.99%
	Recall(NF)	85.56%	74.99%	**97.00%**	88.31%	88.94%
	Recall(F)	80.34%	24.99%	58.96%	80.26%	**81.39%**
	F1-score(NF)	87.48%	70.31%	89.00%	89.02%	**89.63%**
	F1-score(F)	77.03%	28.74%	71.54%	79.58%	**80.17%**
1/2(125)	Precision(NF)	91.62%	66.18%	92.43%	**93.42%**	91.81%
	Precision(F)	72.38%	33.81%	70.83%	73.88%	**76.57%**
	Recall(NF)	83.41%	74.99%	**99.15%**	84.02%	86.73%
	Recall(F)	**85.07%**	24.99%	20.09%	84.62%	84.87%
	F1-score(NF)	87.32%	70.31%	82.63%	88.47%	**89.20%**
	F1-score(F)	78.22%	28.74%	33.01%	80.49%	**80.51%**

Table 2: Comparison results with other SOTA methods on Atlantic Forest test dataset under evaluation metrics (%).

Labeled Data	Metric	Test				
		SusOnly	CCT	PS-MT*	ST(TTA)	Semi-FCMNet
1/16(16)	Precision(NF)	**91.81%**	68.51%	83.56%	89.88%	89.81%
	Precision(F)	69.53%	31.47%	67.87%	73.10%	**76.06%**
	Recall(NF)	83.11%	74.99%	86.28%	86.68%	**88.70%**
	Recall(F)	**83.87%**	24.99%	63.07%	78.76%	78.11%
	F1-score(NF)	87.24%	71.60%	84.90%	88.25%	**89.25%**
	F1-score(F)	76.03%	27.85	65.39%	75.82%	**77.07%**
1/8(32)	Precision(NF)	88.34%	68.51%	87.91%	89.74%	**89.77%**
	Precision(F)	75.84%	31.47%	77.71%	73.57%	**79.81%**
	Recall(NF)	89.10%	74.99%	**97.52%**	87.07%	91.00%
	Recall(F)	74.41%	24.99%	39.13%	**78.34%**	77.44%
	F1-score(NF)	88.72%	71.60%	86.49%	88.38%	**90.38%**
	F1-score(F)	75.12%	27.85	54.15%	75.88%	**78.61%**
1/4(63)	Precision(NF)	89.02%	68.51%	88.79%	89.75%	**89.79%**
	Precision(F)	75.33%	31.47%	80.42%	76.57%	**81.54%**
	Recall(NF)	88.52%	74.99%	**97.18%**	89.05%	91.96%
	Recall(F)	76.25%	24.99%	48.53%	**77.89%**	77.26%
	F1-score(NF)	88.77%	71.60%	88.01%	89.40%	**90.86%**
	F1-score(F)	75.79%	27.85	62.76%	77.22%	**79.34%**
1/2(125)	Precision(NF)	90.75%	68.51%	**97.68**	91.81%	92.15%
	Precision(F)	76.33%	31.47%	72.24%	78.59%	**78.63%**
	Recall(NF)	88.54%	74.99%	**99.81%**	89.66%	89.58%
	Recall(F)	80.37%	24.99%	16.53%	82.60%	**83.41%**
	F1-score(NF)	89.63%	71.60%	83.81%	90.72%	**90.85%**
	F1-score(F)	78.30%	27.85	28.27%	80.54%	**80.95%**

Table 3: Comparison results with other SOTA methods on the Atlantic Forest validation dataset under evaluation metrics (%).

		Validation				
Labeled Data	Metric	SusOnly	CCT	PS-MT*	ST(TTA)	Semi-FCMNet
1/16(16)	Precision(NF)	92.93%	47.81%	**95.08%**	93.48%	94.73%
	Precision(F)	94.34%	52.19%	65.88%	93.33%	**96.84%**
	Recall(NF)	93.88%	75.00%	44.66%	92.67%	**96.61%**
	Recall(F)	93.46%	25.00%	**97.88%**	94.08%	95.08%
	F1-score(NF)	93.41%	58.39%	60.77%	93.07%	**95.66%**
	F1-score(F)	93.90%	33.80%	78.75%	93.71%	**95.95%**
1/8(32)	Precision(NF)	93.12%	47.81%	**96.48%**	93.86%	94.75%
	Precision(F)	94.04%	52.19%	81.74%	94.63%	**96.89%**
	Recall(NF)	93.52%	75.00%	76.23%	94.16%	**96.67%**
	Recall(F)	93.67%	25.00%	**97.45%**	94.36%	95.09%
	F1-score(NF)	93.32%	58.39%	85.17%	94.01%	**95.70%**
	F1-score(F)	93.86%	33.80%	88.90%	94.50%	**95.98%**
1/4(63)	Precision(NF)	93.45%	47.81%	88.13%	93.51%	**95.56%**
	Precision(F)	96.33%	52.19%	90.16%	95.86%	**96.60%**
	Recall(NF)	96.10%	75.00%	89.41%	95.57%	**96.31%**
	Recall(F)	93.83%	25.00%	88.97%	93.92%	**95.90%**
	F1-score(NF)	94.75%	58.39%	88.77%	94.53%	**95.93%**
	F1-score(F)	95.06%	33.80%	89.56%	94.88%	**96.25%**
1/2(125)	Precision(NF)	92.61%	47.81%	87.59%	92.38%	**93.96%**
	Precision(F)	97.80%	52.19%	94.54%	**97.92%**	97.35%
	Recall(NF)	97.72%	75.00%	94.46%	**97.86%**	97.20%
	Recall(F)	92.85%	25.00%	87.74%	92.60%	**94.28%**
	F1-score(NF)	95.10%	58.39%	90.90%	95.04%	**95.56%**
	F1-score(F)	95.26%	33.80%	91.01%	95.19%	**95.79%**

Table 4: Comparison results with other SOTA methods on the Amazon Forest test dataset under evaluation metrics (%).

		Test				
Labeled Data	Metric	SusOnly	CCT	PS-MT*	ST(TTA)	Semi-FCMNet
1/16(16)	Precision(NF)	93.19%	49.80%	**96.93%**	94.13%	95.61%
	Precision(F)	95.71%	50.20%	65.08%	95.16%	**96.76%**
	Recall(NF)	95.80%	75.00%	46.71%	95.17%	**96.77%**
	Recall(F)	93.05%	25.00%	**98.53%**	94.11%	95.59%
	F1-score(NF)	94.47%	59.86%	63.04%	94.65%	**96.18%**
	F1-score(F)	94.36%	33.38%	78.38%	94.63%	**96.17%**
1/8(32)	Precision(NF)	93.13%	49.80%	**96.78%**	94.37%	95.62%
	Precision(F)	87.62%	50.20%	78.94%	96.01%	**96.94%**
	Recall(NF)	86.66%	75.00%	73.77%	96.05%	**96.96%**
	Recall(F)	93.66%	25.00%	**97.56%**	94.31%	95.59%
	F1-score(NF)	89.78%	59.86%	83.72%	95.20%	**96.28%**
	F1-score(F)	90.54%	33.38%	87.27%	95.15%	**96.26%**
1/4(63)	Precision(NF)	93.95%	49.80%	88.06%	94.31%	**96.13%**
	Precision(F)	96.70%	50.20%	93.94%	**96.76%**	96.62%
	Recall(NF)	96.77%	75.00%	94.32%	**96.82%**	96.61%
	Recall(F)	93.81%	25.00%	87.31%	94.21%	**96.15%**
	F1-score(NF)	95.34%	59.86%	91.08%	95.55%	**96.37%**
	F1-score(F)	95.23%	33.38%	90.50%	95.47%	**96.38%**
1/2(125)	Precision(NF)	93.46%	49.80%	86.56%	92.96%	**94.72%**
	Precision(F)	97.18%	50.20%	95.97%	**97.92%**	97.13%
	Recall(NF)	97.28%	75.00%	96.40%	**98.02%**	97.18%
	Recall(F)	93.24%	25.00%	85.16%	92.64%	**94.62%**
	F1-score(NF)	95.33%	59.86%	91.22%	95.42%	**95.93%**
	F1-score(F)	95.17%	33.38%	90.24%	95.21%	**95.86%**