Table 1: Performance Comparison on Four Binary Classification Benchmarks (50×2 Training Samples, 200×2 Testing Samples), where "ACC." refers to accuracy and "F1." refers to F1-Score. Note: numbers in **Red** refer to the largest values, **Blue** refers to the second-largest values, and **Orange** refers to the third-largest values.

		Data Source							
		Adult1		Adult2		Adult3		Web1	
Algorithm	Parameter	ACC.	F1.	ACC.	F1.	ACC.	F1.	ACC.	F1.
Random Forest	100.0 200.0	0.701 0.763	0.712 0.744	0.683 0.773	0.620 0.753	0.715 0.770	0.682 0.754	0.632 0.680	0.584 0.601
D-Tree	10.0 20.0	0.713 0.686	0.705 0.680	0.717 0.696	0.712 0.690	0.721 0.698	0.707 0.689	0.669 0.707	0.611 0.692
LDA		0.717	0.710	0.730	0.719	0.727	0.722	0.774	0.781
$\mathit{FWDA}(m,\lambda)$	50, 1.0 50, 10.0 50, 10.0 50, 100.0 100, 1.0 100, 10.0 150, 1.0 150, 10.0 200, 1.0 200, 10.0 200, 10.0	0.764 0.763 0.764 0.762 0.764 0.765 0.765 0.763 0.764 0.764	0.750 0.749 0.749 0.748 0.750 0.749 0.750 0.750 0.750 0.750 0.750 0.750	0.766 0.763 0.763 0.766 0.764 0.765 0.763 0.763 0.764 0.764	0.751 0.747 0.748 0.752 0.749 0.749 0.750 0.748 0.747 0.749 0.749	0.766 0.765 0.765 0.766 0.765 0.766 0.767 0.766 0.765 0.766 0.766	0.753 0.751 0.751 0.753 0.751 0.751 0.752 0.752 0.751 0.752 0.752	0.807 0.775 0.767 0.802 0.781 0.778 0.791 0.782 0.769 0.785 0.784 0.772	0.798 0.755 0.746 0.791 0.764 0.759 0.777 0.764 0.747 0.769 0.767
Log. Reg.	1.0 10.0 100.0	0.500 0.500 0.500	0.400 0.400 0.400	0.500 0.500 0.500	0.333 0.333 0.333	0.500 0.500 0.500	0.400 0.400 0.400	0.500 0.500 0.500	0.133 0.133 0.133
SVM-Linear		0.748	0.739	0.759	0.748	0.751	0.744	0.728	0.689
SVM-G	0.1 1.0 10.0	0.569 0.657 0.650	0.484 0.716 0.631	0.578 0.670 0.609	0.490 0.643 0.577	0.541 0.662 0.635	0.471 0.652 0.552	0.561 0.610 0.571	0.517 0.551 0.469
AdaBoost	100.0 200.0	0.716 0.728	0.674 0.678	0.731 0.733	0.681 0.681	0.743 0.737	0.696 0.686	0.554 0.565	0.393 0.449