

		Decision Tree		Naive Bayes		Linear Discriminant		k-NN	
Banknote	Raw	[4]	97.5%	[4]	91.4%	[4]	97.6%	[4]	99.9%
	Proposed	[1]	85.7%	[1]	89.0%	[1]	88.9%	[1]	85.0%
	PCA	[1]	69.7%	[1]	69.4%	[1]	61.3%	[1]	68.4%
	Proposed	[4]	98.8%	[4]	97.4%	[4]	97.6%	[4]	99.9%
	PCA	[4]	98.7%	[4]	97.4%	[4]	97.6%	[4]	99.9%
Bank	Raw	[48]	87.4%	[48]	88.4%	[48]	90.0%	[48]	84.4%
	Proposed	[1]	83.9%	[3]	89.2%	[9]	89.9%	[1]	82.8%
	PCA	[1]	81.9%	[3]	86.0%	[9]	88.8%	[1]	80.2%
	Proposed	[11]	86.4%	[3]	89.2%	[13]	90.0%	[13]	85.2%
	PCA	[38]	86.2%	[2]	88.5%	[38]	90.1%	[5]	84.5%
Climate	Raw	[18]	90.4%	[18]	92.0%	[18]	94.5%	[18]	89.0%
	Proposed	[2]	87.7%	[9]	92.2%	[11]	94.0%	[7]	89.9%
	PCA	[2]	86.5%	[9]	91.5%	[11]	92.0%	[7]	86.8%
	Proposed	[7]	88.7%	[11]	92.3%	[18]	94.5%	[10]	90.3%
	PCA	[7]	88.6%	[18]	91.9%	[18]	94.5%	[18]	89.0%
Debrecen	Raw	[19]	61.0%	[19]	55.8%	[19]	71.2%	[19]	61.7%
	Proposed	[3]	63.2%	[1]	62.7%	[3]	68.7%	[3]	62.5%
	PCA	[3]	58.8%	[1]	58.2%	[3]	60.5%	[3]	58.5%
	Proposed	[14]	65.5%	[19]	70.0%	[18]	71.3%	[4]	62.5%
	PCA	[10]	66.2%	[19]	70.0%	[11]	71.8%	[7]	61.8%
Occupancy	Raw	[5]	99.1%	[5]	97.8%	[5]	98.8%	[5]	98.8%
	Proposed	[3]	98.9%	[3]	96.1%	[3]	98.6%	[1]	92.8%
	PCA	[3]	98.9%	[3]	95.8%	[3]	97.6%	[1]	92.8%
	Proposed	[5]	99.0%	[3]	96.1%	[4]	98.8%	[5]	98.8%
	PCA	[4]	99.0%	[5]	96.1%	[5]	98.8%	[4]	98.8%
Pima	Raw	[8]	70.0%	[8]	73.8%	[8]	76.5%	[8]	67.1%
	Proposed	[1]	67.4%	[1]	72.5%	[1]	72.5%	[1]	65.6%
	PCA	[1]	62.6%	[1]	58.7%	[1]	65.4%	[1]	61.4%
	Proposed	[5]	70.1%	[2]	73.5%	[7]	76.5%	[5]	68.5%
	PCA	[6]	70.0%	[8]	72.9%	[8]	76.5%	[5]	67.2%
Spambase	Raw	[57]	90.6%	[57]	56.3%	[57]	88.9%	[57]	79.4%
	Proposed	[3]	82.2%	[3]	82.7%	[4]	80.8%	[2]	76.2%
	PCA	[3]	73.9%	[3]	69.5%	[4]	67.0%	[2]	73.4%
	Proposed	[14]	87.1%	[56]	86.8%	[49]	88.9%	[17]	79.6%
	PCA	[37]	87.0%	[53]	86.9%	[56]	88.9%	[54]	79.5%
VColumn	Raw	[6]	80.2%	[6]	77.0%	[6]	83.0%	[6]	81.5%
	Proposed	[2]	77.2%	[2]	80.9%	[2]	80.4%	[2]	76.4%
	PCA	[2]	73.1%	[2]	75.2%	[2]	71.6%	[2]	72.9%
	Proposed	[4]	80.2%	[3]	82.2%	[4]	83.0%	[6]	81.5%
	PCA	[5]	80.3%	[5]	80.8%	[5]	83.5%	[5]	81.5%
WDBC	Raw	[30]	92.2%	[30]	93.8%	[30]	95.2%	[30]	91.3%
	Proposed	[3]	92.1%	[3]	93.9%	[3]	94.3%	[1]	85.4%
	PCA	[3]	90.2%	[3]	89.6%	[3]	87.5%	[1]	85.4%
	Proposed	[3]	92.1%	[3]	93.9%	[15]	95.3%	[30]	91.3%
	PCA	[5]	91.9%	[5]	92.0%	[17]	95.8%	[5]	91.4%