Table 1: Comparison of Performance on Additional Metrics with FeatLLM.

dataset	shot	acc		precision		recall		f1_score	
		FeatLLM	ProtoLLM	FeatLLM	ProtoLLM	FeatLLM	ProtoLLM	FeatLLM	ProtoLLM
Adult	4	44.82±24.99	**56.24±5.04**	63.36±16.94	**66.84±1.09**	57.89±9.49	**70.35±2.85**	38.77±21.95	**55.77±4.65**
	8	48.24±20.09	**58.75±4.84**	53.38±24.08	**67.33±1.08**	64.52±11.75	**71.75±2.66**	45.69±21.04	**58.05±4.35**
	16	**64.95±18.48**	62.86±4.58	**71.42±6.46**	68.25±1.13	68.34±9.21	**73.97±2.42**	58.84±15.99	**61.70±4.02**
Bank	4	32.42±13.68	**73.21±6.48**	55.40±1.12	**61.31±1.86**	58.32±4.73	**72.55±3.60**	30.66±10.73	**60.72±4.08**
	8	38.50±12.31	**75.26±3.93**	55.72±0.76	**61.72±1.69**	60.57±4.47	**73.04±3.09**	35.69±10.40	**62.17±2.82**
	16	45.21±10.61	**76.67±3.83**	56.35±0.96	**62.92±1.38**	63.57±3.65	**75.07±1.75**	41.25±7.75	**63.92±2.65**
Blood	4	62.94±7.12	**63.11±9.33**	60.73±3.94	**62.86±5.37**	63.31±4.29	**65.55±6.81**	58.55±5.35	**58.74±7.57**
	8	66.36±4.89	64.98±6.98	60.85±3.39	**63.60±5.10**	62.96±5.46	**67.67±6.42**	59.31±3.92	**61.25±6.58**
	16	64.06±8.43	**65.29±4.88**	60.60±3.78	**63.20±3.52**	62.21±4.73	**67.43±4.43**	57.85±6.10	**61.65±4.38**
Credit-g	4	64.97±4.43	**69.97±2.97**	51.13±7.60	**64.35±10.74**	51.01±2.55	**51.77±1.45**	47.33±4.63	46.23±2.84
	8	64.13±4.97	**69.90±3.32**	52.76±5.10	**63.59±9.91**	51.59±3.15	**52.72±1.93**	50.39±3.59	48.56±3.79
	16	63.43±4.68	**69.67±3.04**	55.71±6.59	**61.11±3.87**	54.39±5.12	**55.48±2.32**	53.03±5.84	**54.23±3.45**

Table 2: Performance of Weighted ProtoLLM and Weighted ProtoLLM with Half of the Features Dropped.

dataset	shot	Weighted-protoLLM	Weighted-protoLLM(del features)
adult	4	85.34	85.32
	8	85.5	85.45
	16	85.72	85.63
bank	4	81.01	80.4
	8	81.01	80.35
	16	81.29	80.63
blood	4	71.34	69.59
	8	71.46	69.19
	16	72.85	70.26
diabetes	4	80.73	80.42
	8	80.79	80.47
	16	80.72	80.29
NHANES	4	95.95	96.43
	8	96.57	96.92
	16	98.37	98.47

Table 3: Performance of ProtoLLM with Poor or Missing Feature Descriptions.

dataset	shot	full-desc	poor-desc	no-desc
Adult	4	86.01±0.78	83.36±0.67	83.63±0.55
	8	86.12±0.92	83.68±0.67	83.90±0.59
	16	86.28±0.77	83.91±0.82	84.08±0.81
Bank	4	80.85±2.58	71.99±1.93	61.15±4.91
	8	81.41±2.58	72.98±1.90	62.86±4.98
	16	83.26±1.40	75.39±1.65	65.53±4.67
Blood	4	75.98±4.99	72.78±7.12	62.44±9.80
	8	76.35±4.61	74.69±6.58	64.18±8.88
	16	75.46±4.12	74.88±4.75	66.54±5.84
Credit-g	4	62.25±2.86	51.32±4.75	51.39±4.85
	8	63.26±2.87	52.34±4.54	52.74±4.27
	16	64.52±3.28	54.59±4.66	55.48±4.73