Table 1: Comparative Performance of Data Filtering Methods on CIFAR10. Data augmentation uses Wass (Wasserstein), MMD (Maximum Mean Discrepancy), and TV (Total Variation) metrics, retaining the top 60% of images. Baseline: original samples (averaged across Gen); Augmented: unfiltered generated data; Wass, MMD, TV: filtered by respective metrics. Metrics: Acc (Accuracy), Prec (Precision), Rec (Recall), F1 (F1-Score).

Gen	Model	Acc	Prec	Rec	F1
	Baseline	38.55	38.48	38.55	38.41
	Wass	**42.34**	**42.47**	**42.34**	**42.07**
2	MMD	42.14	41.71	42.14	41.63
	TV	39.93	40.20	39.93	39.85
	Baseline	39.21	39.31	39.21	38.95
	Wass	42.37	42.44	42.37	**42.24**
4	MMD	**42.90**	**42.86**	**42.90**	42.67
	TV	42.27	42.26	42.27	42.09
	Baseline	38.86	38.96	38.86	38.76
	Wass	41.97	42.12	41.97	41.79
6	MMD	**44.65**	**44.52**	**44.65**	**44.32**
	TV	42.75	43.29	42.75	42.73
	Baseline	39.12	38.87	39.12	38.59
	Wass	43.82	43.63	43.82	43.42
8	MMD	**44.42**	**44.24**	**44.42**	**44.22**
	TV	42.84	42.66	42.84	42.35
	Baseline	38.14	38.00	38.14	37.90
	Wass	43.93	43.79	43.93	43.63
10	MMD	43.79	**44.00**	43.79	**43.67**
	TV	42.89	42.53	**42.89**	42.53

Gen	Model	Acc	Prec	Rec	F1
	Baseline	38.18	38.44	38.18	38.02
	Wass	**43.88**	**43.67**	**43.88**	**43.55**
12	MMD	43.43	42.95	43.43	43.02
	TV	42.70	42.24	42.70	42.27
	Baseline	37.85	37.72	37.85	37.50
	Wass	42.28	42.34	42.28	42.01
14	MMD	42.74	42.31	42.74	42.33
	TV	**44.10**	**43.69**	**44.10**	**43.76**
	Baseline	39.65	40.11	39.65	39.45
	Wass	**44.51**	**44.28**	**44.51**	**44.27**
16	MMD	43.80	43.27	43.80	43.29
	TV	43.74	43.16	43.74	43.27
	Baseline	38.85	39.03	38.85	38.85
	Wass	43.79	43.53	43.79	**43.56**
18	MMD	43.06	42.99	43.06	42.79
	TV	**44.22**	**43.93**	**44.22**	43.74
	Baseline	38.92	38.93	38.92	38.67
	Wass	43.52	43.15	43.52	43.15
20	MMD	**43.97**	**43.45**	**43.97**	**43.27**
	TV	42.59	42.41	42.59	42.30

(**Response 2,4 to 9i7B, Response W8 to ndn7,Response 6 to FqDa,Response 9 to aTs1**)

Performance metrics (%) on CIFAR-10 with 1,000 training samples and varying numbers of generated images (Gen) from SD-XL at `strength=0.3`. Augmentation improves over the baseline, with Wass, MMD, and TV showing comparable performance.