

		F1-score							Kappa							balanced-accuracy							MCC						
		GNB	KNN	LR	MLP	DT	ADB	RF	GNB	KNN	LR	MLP	DT	ADB	RF	GNB	KNN	LR	MLP	DT	ADB	RF	GNB	KNN	LR	MLP	DT	ADB	RF
augmentation	Baseline	10	13	12	12	5	7	10	10	11	15	13	7	8	7	11	9	11	13	6	6	7	7	13	15	13	7	8	8
	ROS	11	6	6	14	5	10	5	6	7	7	14	6	9	6	7	7	9	13	5	8	8	7	6	7	13	6	8	6
	RUS	9	8	8	13	16	5	17	7	9	5	11	3	6	8	8	10	8	13	14	10	20	8	8	6	11	4	7	8
	SMOTE	13	8	10	10	4	6	5	10	5	8	10	4	8	6	9	8	10	9	5	6	4	10	6	8	10	4	7	6
	Borderline-SMOTE	9	5	5	10	4	6	5	8	5	5	11	4	7	7	8	5	6	11	4	5	9	6	5	5	11	4	7	6
	SVM-SMOTE	6	5	9	8	6	7	5	9	7	10	12	6	6	8	9	7	13	10	7	8	6	7	7	9	12	6	6	7
	ADASYN	8	6	7	11	4	7	8	9	5	8	12	6	6	6	11	8	9	12	6	7	5	6	6	9	12	6	6	6
	G-SMOTE	11	9	7	8	7	5	10	12	8	7	11	12	8	13	10	7	8	13	12	5	11	13	8	7	11	12	8	13
	CiFRUS (train)	9	13	11	12	13	10	11	11	11	8	15	10	14	11	13	8	4	13	9	6	8	12	10	7	14	10	12	11
	CiFRUS (train/test)	4	12	11	14	13	15	13	7	14	12	14	13	13	11	4	10	4	10	9	8	8	5	13	11	14	13	14	12
CiFRUS (bal.-train/test)	3	12	7	14	10	20	10	5	14	8	10	16	13	15	4	18	10	16	10	29	12	4	14	9	12	15	15	15	
CiFRUS (any) outperforms or matches baseline		34	42	44	49	52	50	46	34	41	40	47	51	47	48	39	42	42	47	49	53	50	38	40	40	48	51	47	47
CiFRUS (any) outperforms or matches other methods		20	35	30	33	35	41	29	25	36	31	33	38	36	31	26	31	19	32	26	37	24	23	33	30	34	37	38	32