

Datasets		US8K							GTZAN						
Unlearning	Methods	Aug	UNA	RMA	TEA	MIA	AGP	RTE	UNA	RMA	TEA	MIA	AGP	RTE	
Amnesiaic	NA	0	99.92	75.93	1.88	7.34	77.1		0	100	80.9	67.95	22.65	79.05	
	TM	0	98.73	75.27	3.5	7.15	98.02		0	100	75.35	69.23	24.07	65.67	
	FM	0	90.81	76.86	1.38	7.92	89.97		0	98.78	78.47	97.44	30.68	98.14	
	AN	0	99.94	76.2	1.75	7.47	83.29		0	100	80.9	58.97	20.58	59.44	
	AN+FM	0	92.64	78.59	0.88	6.34	88.67		0	99.18	78.47	42.31	9.86	53.01	
	TS	0	99.98	70.88	2.5	4.87	74.5		0	100	76.61	47.83	16.18	66.1	
Bad Teacher	NA	0.62	91.85	71.94	0	7.82	73.03	3.75	100	75.35	0	3.1	56.49		
	TM	1.5	93.35	73.94	0	9.26	73.73	9.11	100	78.82	0	4.58	56.7		
	FM	0.62	82.61	71.41	0	10.41	75.8	5.18	95.79	78.47	0	6.77	56.63		
	AN	1.25	94.13	74.07	0	8.91	69.98	18.04	99.86	76.39	0	6.59	58.79		
	AN+FM	1.62	87.32	75	0	8.19	75.48	7.86	97.69	76.04	0	8.59	59.43		
	TS	0.12	93.45	72.07	0	5.34	67.27	13.75	100	75.57	0	7.1	56.14		
Boundary	NA	52.12	80.17	63.43	25.88	22.2	12.78	6.61	58.97	46.88	48.72	29.78	12.06		
	TM	24.75	57.13	56.12	31.38	17.49	13.95	2.5	66.71	50.35	58.97	29.82	12.05		
	FM	34.5	50.51	60.51	75.12	33.79	13.94	1.25	46.6	44.44	37.18	22.35	12.05		
	AN	63.12	85.62	67.95	28.38	25.2	13.74	9.11	66.98	48.26	43.59	27.52	12.04		
	AN+FM	52.88	63.84	64.49	66.38	37.82	13.88	0	33.7	36.81	10.26	15.63	12.04		
	TS	30.75	80.85	56.91	14.12	15.89	13.66	3.75	89.92	65.72	4.35	6.56	12.48		
Fisher	NA	6	87.94	70.61	1.88	9.43	698.98	1.25	95.38	77.78	0	1.46	66.03		
	TM	5.12	89.37	72.21	7	8.71	680.8	1.25	95.24	78.82	0	1.97	68.43		
	FM	1.12	79.61	75	6.75	7.13	684.17	12.68	94.84	77.43	0	9.61	70.41		
	AN	6.75	91.63	73.27	3.75	9.76	703.98	2.5	96.2	78.82	1.28	1.49	67.39		
	AN+FM	1.12	86	73.54	5.25	6.76	690.73	11.61	92.93	81.6	0	9.15	69.9		
	TS	0.75	88.68	67.69	2.12	6.3	700.3	0	92.23	70.36	1.45	3.77	67.51		
Gradient Ascent	NA	0	85.63	70.61	12.38	3.93	27.65	3.75	86.28	66.67	1.28	6.42	20.88		
	TM	0	69.57	64.76	53.38	13.69	31.03	7.5	96.88	69.79	0	7.06	21.34		
	FM	0	58.4	65.03	59.62	15.62	33.24	7.5	82.47	68.4	3.85	9.61	21.37		
	AN	0	88.55	74.2	12.62	4.24	29.86	6.25	94.29	70.83	1.28	4.94	25.34		
	AN+FM	0	72.03	69.28	76	21.81	35.62	3.75	89.95	71.88	6.41	6.48	26.63		
	TS	0	89.17	66.49	11.62	3.29	25.73	7.75	96.33	74.53	1.45	4.96	19.04		
Retrain	NA	0	99.92	73.4	21.38	0	121.79	0	100	80.9	0	0	186.22		
	TM	0	99.08	76.33	23.88	0	134.56	0	100	80.9	2.56	0	190.92		
	FM	0	93.83	77.13	24.88	0	169.33	0	99.59	83.33	10.26	0	197.44		
	AN	0	99.92	75.8	23.75	0	126.63	0	100	78.12	0	0	258.28		
	AN+FM	0	97.73	78.32	19.62	0	308.75	0	99.59	79.86	14.1	0	264.56		
	TS	0	100	72.47	15.5	0	115.7	0	100	80.21	2.9	0	104.76		
SCRUB	NA	0	18.01	20.61	1.25	24.31	66.77	0	99.05	82.64	20.51	7.42	55.44		
	TM	0	23.59	27.53	34	19.64	68.53	0	98.51	77.43	37.18	12.7	55.43		
	FM	0	27.94	29.26	98.25	40.42	72.58	0	91.3	83.33	24.36	4.7	55.39		
	AN	0	40.91	31.38	25.38	15.35	66.86	0	99.18	81.6	20.51	8	55.46		
	AN+FM	0	22.63	21.68	26.75	21.26	70.19	0	93.89	76.74	16.67	1.9	55.51		
	TS	0	20.6	12.9	41.12	28.4	67.1	100	100	81.25	14.49	37.55	56.56		
SSD	NA	6.75	93.91	73.14	0.12	9.42	5.87	0	34.92	28.12	12.82	21.87	5.27		
	TM	18.5	94.13	76.73	0.88	13.97	6.5	0	100	77.43	0	2.01	4.59		
	FM	0	33.29	32.45	16.38	17.73	7.5	98.57	98.37	74.65	41.03	46.01	4.67		
	AN	0	95.87	75	3.12	7.14	6.2	0	23.51	22.57	88.46	48.01	4.6		
	AN+FM	87.62	88.41	73.27	41	38.02	6.83	15	99.32	79.17	0	9.93	6.19		
	TS	0	95.9	73.8	1.38	5.15	6.09	0	10.33	18.56	57.97	38.91	4.77		
UNSIR	NA	0	89.03	73.94	40.38	6.51	45.13	0	98.91	81.94	15.38	5.48	168.35		
	TM	0	88.25	74.07	40.5	6.3	4.89	0	99.46	82.99	23.08	7.53	170.65		
	FM	0	85.31	78.72	45	7.24	53.36	9.29	85.87	71.53	16.67	9.17	151.4		
	AN	0	89.19	74.73	28.12	1.81	47.7	0	97.69	77.78	14.1	4.82	156.01		
	AN+FM	0	85.38	76.6	44.5	8.87	51.7	0	84.78	81.94	41.03	9.67	157.28		
	TS	0.25	88.34	68.62	35.75	8.12	43.12	0	99.18	78.69	10.14	2.92	172.46		

Evaluation of Machine Unlearning Methods on the US8K and GTZAN Datasets with the ResNet-18 Model