

Datasets		US8K						GTZAN						
Unlearning	Methods	Aug	UNA	RMA	TEA	MIA	AGP	RTE	UNA	RMA	TEA	MIA	AGP	RTE
Amnesiac	NA	0	99.97	84.84	3.88	5.91	164.85	0	100	78.12	38.46	10.52	8563.75	
	TM	0	99.51	88.3	5.25	11.3	162.49	0	100	80.21	60.26	18.38	14140.56	
	FM	0	96.63	88.3	8.75	12.67	162.04	0	99.86	80.21	57.69	16.45	8500.63	
	AN	0	99.98	88.3	7.25	12.95	185.76	0	100	79.17	21.79	5.98	7323.21	
	AN+FM	0	97.96	89.49	13.62	7.6	161.4	0	99.86	80.21	37.18	10.44	7151.91	
	TS	0	99.13	84.04	11.12	7.32	163.74	0	100	79.17	39.13	9.12	9246.11	
Bad Teacher	NA	0	97.34	86.3	0	6.72	176.98	0	98.76	76.04	0	4.38	8359.77	
	TM	0	96.18	84.97	0	12.47	181.59	0	99.18	75	0	3.45	8426.67	
	FM	0	93.83	87.23	0	15.68	178.66	0	92.99	70.83	0	5.9	8790.25	
	AN	0	96.81	82.71	0	15.99	183.1	0	99.59	70.83	0	4.06	8298.18	
	AN+FM	0	94.18	85.51	0	12.94	176.17	1.25	97.39	73.96	0	4.45	7498.65	
	TS	0	93.69	82.31	0	10.63	167.7	0	98.78	73.96	0	8.44	6041.4	
Boundary	NA	4.5	97.84	87.77	19.62	1.81	37.17	16.67	66.35	50	48.72	28.87	1717.83	
	TM	1.62	93.1	83.11	11.25	9.89	37.42	33.75	81.04	60.42	34.62	27.68	1683.64	
	FM	13.5	93.81	90.03	9.88	17.38	36.07	38.75	84.62	63.54	34.62	21.68	1647.57	
	AN	15.75	96.26	83.24	33.62	9.86	37.35	35.83	73.21	50	37.18	32.78	1491.95	
	AN+FM	20.12	94.97	89.49	10.12	15.47	37.36	50	81.87	63.54	38.46	31.01	1551.04	
	TS	44.5	89.5	78.32	14.12	22.09	37.67	27.22	56.11	40.97	53.62	35.75	1424.93	
Fisher	NA	11.62	94.62	84.57	1	10.84	2062.39	20.42	89.97	69.79	2.56	12.41	372.42	
	TM	12.75	92.94	82.71	0.75	17.23	2061.69	10	85.71	67.71	2.56	8.35	372.68	
	FM	2	91.19	87.5	2.12	15.55	1825.13	15	93.68	79.17	1.28	12.56	371.83	
	AN	2.25	96.28	85.24	0.12	15.86	1916.67	8.75	87.64	71.88	1.28	6.2	371.58	
	AN+FM	1.5	91.44	87.9	0.12	12.6	1806.02	5	93.68	72.92	0	6.05	372.13	
	TS	12.12	90.27	80.19	0.88	15.09	1849.7	23.06	92.53	78.12	0	14.74	376.86	
Gradient Ascent	NA	0	55.03	49.2	98.12	38.71	64.14	100	100	75	85.59	60.71	712.6	
	TM	0	56.62	48.14	20.5	17.92	65.29	100	100	76.04	87.18	62.07	675.76	
	FM	0	65.16	59.84	95.5	25.73	67.58	100	98.9	78.12	76.92	55.5	689.07	
	AN	0	62.51	56.78	95	26.8	70.25	100	100	73.96	85.59	62.42	660.36	
	AN+FM	99.12	96.72	87.37	88.5	51.11	76.21	100	99.31	76.04	92.31	61.46	660.8	
	TS	0	56.86	57.31	88.38	27.34	64.68	100	100	79.17	84.06	57.43	658.85	
Retrain	NA	0	98.62	86.84	19.62	0	201.29	0	100	80.21	8.97	0	7176.8	
	TM	0	99.4	85.77	36.62	0	206.12	0	100	80.21	5.13	0	8183.44	
	FM	0	98.78	87.9	46.38	0	353.59	0	94.37	71.88	16.67	0	9814.65	
	AN	0	98.79	86.44	44.25	0	226.43	0	100	79.17	3.85	0	8668.53	
	AN+FM	0	98.25	88.7	35.62	0	284.39	0	99.31	77.08	8.97	0	11843.44	
	TS	0	100	82.58	31.62	0	220.24	0	100	83.33	15.94	0	7339.6	
SCRUB	NA	94.25	99.83	88.7	63.75	46.75	182.37	90.83	100	77.08	47.44	44.14	9982.75	
	TM	94.38	99.17	89.76	64.38	42.04	184.19	95	100	76.04	53.85	49.29	10389.21	
	FM	86.88	97.61	89.63	52.38	31.53	185.37	100	99.86	79.17	58.97	49.87	10599.07	
	AN	96.5	99.9	89.1	74.25	43.05	182.88	100	100	73.96	97.44	66.27	11629.8	
	AN+FM	96.38	98.46	88.83	77	45.96	184.73	98.75	99.86	75	87.18	59.68	10499.8	
	TS	86	99.75	84.31	51.25	35.78	184.09	85.28	100	85.42	42.03	37.82	10422.64	
SSD	NA	0	12.82	13.96	0	30.83	16.86	0	99.45	78.12	0	3.69	533.19	
	TM	0.5	97.2	88.96	1.38	12.98	16.36	0	11.13	8.33	35.9	34.21	529.78	
	FM	87.88	95.5	88.03	0.38	44.67	17.51	0	99.04	81.25	0	8.68	529.76	
	AN	96	99.27	86.3	5.12	45.09	16.91	0	47.12	41.67	10.26	14.64	532.84	
	AN+FM	99.38	96.61	87.5	91.88	52.27	18.13	100	99.31	78.12	60.26	50.77	548.48	
	TS	97.12	95.47	80.59	76.5	48	17.2	0	95.52	71.88	0	9.13	553.62	
UNSIR	NA	0	88.56	71.41	37.88	11.23	105.83	0	67.72	51.04	39.74	19.98	6171.84	
	TM	0	87.37	76.6	41.5	4.68	107.43	0	66.48	44.79	32.05	20.78	6106.65	
	FM	0	80.12	72.87	36.12	8.43	107.43	0	54.81	41.67	38.46	17.33	6165.84	
	AN	0	89.82	76.99	33.62	6.69	108.65	0	71.7	51.04	34.62	19.63	5965.1	
	AN+FM	0	82.49	71.01	39.25	7.1	111.83	0	65.8	46.88	37.18	19.47	5982.98	
	TS	0	87.43	72.61	33	3.78	104.34	0	63.04	47.22	24.64	14.94	5499.11	

Evaluation of Machine Unlearning Methods on the US8K and GTZAN Datasets with the AST Model