

Dataset	Unlearning Method	Best AGP	Worst AGP	Best MIA	Worst MIA	Best UNA	Worst UNA
ESC10	Amnesiac	NA	AN+FM	NA	AN+FM	ALL	-
	BadTeacher	AN	NA	ALL	-	AN, NA, TM, TS	AN+FM, FM
	Boundary	FM	TM	AN+FM, FM, NA	AN, TM	NA	AN
	Fisher	AN+FM	NA	AN+FM	NA	TS	NA
	Gradient Ascent	AN	TS	AN	AN+FM	AN+FM	NA, TM, TS
	Retrain	ALL	-	AN	NA, TM	ALL	-
	SCRUB	TS	TM	NA	TM	ALL	-
	SSD	NA	FM	AN	AN+FM, FM	ALL	-
GTZAN	UN SIR	TS	NA	AN, TS	NA	ALL	-
	Amnesiac	NA	AN+FM	NA	AN+FM	ALL	-
	BadTeacher	TM	TS	ALL	-	ALL	-
	Boundary	FM	TS	NA	AN+FM, FM	FM	TM
	Fisher	FM	AN+FM	AN+FM	AN, TM	FM, NA	TS
	Gradient Ascent	AN	NA	AN	NA	TM	NA
	Retrain	ALL	-	AN	NA	ALL	-
	SCRUB	TM	AN	TM	AN	ALL	-
GSCD	SSD	FM	AN+FM	FM	NA	AN, NA, TM	AN+FM
	UN SIR	FM	TM	AN+FM	NA	ALL	-
	Amnesiac	TM	AN+FM	NA	TM	ALL	-
	BadTeacher	TM	AN+FM	ALL	-	AN, AN+FM, NA, TM	FM, TS
	Boundary	TS	NA	AN	NA	TS	NA
	Fisher	TM	TS	NA	AN+FM	AN+FM, TM	TS
	Gradient Ascent	TM	AN+FM	ALL	-	ALL	-
	Retrain	ALL	-	TM	AN, AN+FM	ALL	-
Us8K	SCRUB	TS	NA	TS	AN	AN, AN+FM, FM, NA, TM	TS
	SSD	TS	NA	AN	NA	TS	NA
	UN SIR	TM	AN+FM	AN	FM	AN+FM, FM, TS	AN
	Amnesiac	AN	TS	TM	AN+FM	ALL	-
	BadTeacher	TM	TS	ALL	-	AN, FM, NA, TM, TS	AN+FM
	Boundary	NA	TM	AN	AN+FM	AN, AN+FM, FM, NA, TS	TM
	Fisher	TM	TS	AN+FM, TS	TM	AN	FM
	Gradient Ascent	TM	TS	ALL	-	ALL	-
	Retrain	ALL	-	TM	TS	ALL	-
	SCRUB	TS	TM	NA	TM	ALL	-
	SSD	FM	AN	FM	AN	AN, AN+FM, NA, TM, TS	FM
	UN SIR	AN	TS	TS	AN+FM	ALL	-

Comprehensive Summary of the Performance of Different Audio Augmentation Methods During Unlearning with the AudioMamba Model