

Dataset	Unlearning Method	Best AGP	Worst AGP	Best MIA	Worst MIA	Best UNA	Worst UNA
ESC10	Amnesiac	NA	AN+FM	TS	AN+FM, FM	ALL	-
	BadTeacher	FM	TS	ALL	-	AN, FM, NA, TM	TS
	Boundary	TS	NA	AN	TM	TS	NA
	Fisher	AN, AN+FM	TM	ALL	-	AN, AN+FM, TS	TM
	Gradient Ascent	AN+FM	NA	FM	NA	AN, AN+FM, TM, TS	FM, NA
	Retrain	ALL	-	AN, AN+FM	TM	ALL	-
	SCRUB	TS	NA	AN+FM, TS	NA	ALL	-
	SSD	FM	AN+FM	AN, FM	AN+FM	ALL	-
	UNSIR	TM	NA	AN	FM	ALL	-
	Amnesiac	AN	TM	AN	TM	ALL	-
GTZAN	BadTeacher	TM	TS	ALL	-	AN, FM, NA, TM, TS	AN+FM
	Boundary	FM	TS	FM, TM	TS	NA	AN+FM
	Fisher	AN+FM	TS	AN+FM, TS	NA, TM	AN+FM	TS
	Gradient Ascent	FM	AN	FM	AN+FM	ALL	-
	Retrain	ALL	-	AN	FM	ALL	-
	SCRUB	TS	AN	TS	AN	TS	AN, FM
	SSD	NA	AN+FM	FM, NA, TS	AN+FM	AN, FM, NA, TM, TS	AN+FM
	UNSIR	TS	TM	TS	NA	ALL	-
	Amnesiac	FM	TM	TS	AN+FM	ALL	-
	BadTeacher	FM	TM	ALL	-	TM	TS
GSCD	Boundary	TS	FM	AN+FM	FM	TS	NA
	Fisher	FM	TM	TS	TM	AN+FM, FM	NA
	Gradient Ascent	TM	FM	TS	TM	TM	AN+FM
	Retrain	ALL	-	FM	TM	ALL	-
	SCRUB	AN	FM	AN+FM	TM	AN	TM
	SSD	NA	AN+FM	AN	AN+FM	NA, TM	AN+FM
	UNSIR	AN	AN+FM	TS	AN+FM	ALL	-
	Amnesiac	NA	AN	NA	AN+FM	ALL	-
	BadTeacher	NA	AN	ALL	-	ALL	-
	Boundary	NA	TS	FM	AN	TM	TS
US8K	Fisher	NA	TM	AN, AN+FM	FM	AN+FM	TM
	Gradient Ascent	TM	AN+FM	TM	NA	AN, FM, NA, TM, TS	AN+FM
	Retrain	ALL	-	NA	FM	ALL	-
	SCRUB	FM	NA	TS	AN+FM	TS	AN
	SSD	TM	AN+FM	NA	AN+FM	NA	AN+FM
	UNSIR	TS	NA	TS	TM	ALL	-
	Amnesiac	NA	AN	NA	AN+FM	ALL	-
	BadTeacher	NA	AN	ALL	-	ALL	-
	Boundary	NA	TS	FM	AN	TM	TS
	Fisher	NA	TM	AN, AN+FM	FM	AN+FM	TM

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