Supplementary Table 1. Search strategy

	Search terms	Number of publications
PubMed	(Dementia OR alzheimer* OR ("cognitive dysfunction"[Mesh terms]) OR "cognitive impairment") AND (((audiolog* OR hear*) AND (test* OR assess* OR measure* OR screen* OR evaluat*)) AND ("audiometry" OR "pure tone" OR "audiogram"))	238
Scopus	TITLE-ABS-KEY ((dementia OR alzhimer* OR ((cognit*) AND (impair* OR dysfunct* OR difficult* OR defect*))) AND (((audiolog* OR hear*) AND (test* OR assess* OR measure* OR screen* OR evaluat*)) AND (audiometry OR "pure tone" OR audiogram)))	1,082
Embase	('cognitive defect'/exp OR 'cognition disorder' OR 'cognition disorders' OR 'cognitive defect' OR 'cognitive defects' OR 'cognitive deficit' OR 'cognitive disability' OR 'cognitive disorder' OR 'cognitive disorders' OR 'cognitive dysfunction' OR 'cognitive impairment' OR 'delirium, dementia, amnestic, cognitive disorders' OR 'dementia'/exp OR 'amentia' OR 'dementia' OR 'demention' OR 'alzheimer disease'/exp OR 'alzeimer disease' OR 'alzeimer`s disease' OR 'alzeimers disease' OR 'alzheimer dementia' OR 'alzheimer disease' OR 'alzheimers disease' OR 'alzheimer fibrillary change' OR 'alzheimer fibrillary lesion' OR 'alzheimer neurofibrillary change' OR 'alzheimer neurofibrillary degeneration' OR 'alzheimer neuron degeneration' OR 'alzheimer perusini disease' OR 'alzheimer sclerosis' OR 'alzheimer syndrome' OR 'alzheimer`s disease' OR 'cortical sclerosis, diffuse' OR 'dementia, alzheimer' OR 'diffuse cortical sclerosis' OR 'late onset alzheimer disease') AND ('hearing test'/exp OR 'acoustic probe' OR 'acoustic test' OR 'audiologic recruitment detection' OR 'auditory test' OR 'hearing test' OR 'hearing tests' OR 'recruitment detection (audiology)' OR 'recruitment detection, audiologic' OR 'test, auditory' OR 'audiometry'/exp OR 'audiometric examination' OR 'audiometric testing' OR 'audiometry' OR 'automatic audiometry' OR 'baseline audiometry' OR 'behavioral audiometry' OR 'behavioural audiometry' OR 'field audiometry' OR 'hearing measurement' OR 'tone audiometry')	1,062