**Supplemental File 1: Search strategy**

“dietary intake” OR “dietary quality” OR “nutrition” OR “diet” [MeSH]OR “diet” OR “dietary” OR “dietary pattern” OR “dietary patterns” OR “nutrient intake” OR “food intake” OR “food” [MeSH] OR “food” OR “foods” OR “food choice” OR “food choices” OR “caloric intake” OR “energy intake” [MeSH]OR “energy intake” OR “macronutrient intake” OR “micronutrient intake” OR “carbohydrate intake” OR “protein intake” OR “fat intake” OR “eating” [MeSH]OR “eating”

AND

“Aged” [MeSH] OR “aged” OR “old age” OR “older age” OR “old aged” OR “advanced age” OR “older adult” OR “older adults” OR “older people” OR “old people” OR “elderly” OR “older person” OR “older persons” OR “old person” OR “old persons” OR “frail elderly” [MeSH] OR “frail elderly” OR “seniors” OR “later life”

AND

“community-dwelling” OR “community dwelling” OR “independent living” [MeSH] OR “independent living” OR “free-living” OR “free living” OR “healthy” OR “private household” OR “private households”

AND

“determinant” OR “determinants” OR “correlate” OR “correlates” OR “contributor” OR “contributors” OR “factor” OR “factors” OR “association” OR “associations” OR “predictor” OR “predicted” OR “associated” OR “correlated” OR “determined”

- for chemosensory function: AND

“chemosensory function” OR “chemosensory dysfunction” OR “chemosensory disorder” OR “chemosensory disorders” OR “chemosensory impairment” OR “chemosensory” OR “taste” [MeSH] OR “taste” OR “taste impairment” OR “flavor” OR “flavour” OR “flavor perception” OR “flavour perception” OR “gustatory perception” OR “gustatory impairment” OR “gustatory function” OR “gustatory dysfunction” OR “gustatory” OR “taste perception” [MeSH] OR “taste perception” OR “taste disorders” [MeSH] OR “taste disorders” OR “smell” [MeSH] OR “smell” OR “smell impairment” OR “smell disorders” OR “odor” or “odour” OR “aroma” OR “olfaction disorders” [MeSH] OR “olfaction disorders” OR “olfactory perception” OR “olfactory impairment” OR “olfactory function” OR “olfactory dysfunction” OR “olfactory”

- for oral function: AND

“swallowing” OR “swallowing disorder” OR “swallowing disorders” OR “swallowing problems” OR “swallowing function” OR “swallowing dysfunction” OR “swallowing difficulty” OR “swallowing difficulties” OR “difficulties in swallowing” OR “difficulty in swallowing” OR “swallowing ability” OR “dysphagia” OR “deglutition” [MeSH] OR “deglutition” OR “deglutition disorders” [MeSH] OR “deglutition disorders” OR “mastication” [MeSH] OR “mastication” OR “masticatory function” OR “masticatory dysfunction” OR “masticatory ability” OR “masticatory efficiency” OR “masticatory performance” OR “chewing” OR “chewing problems” OR “chewing function” OR “chewing dysfunction” OR “chewing difficulty” OR “chewing difficulties” OR “difficulties in chewing” OR “difficulty in chewing” OR “chewing ability” OR “oral status” OR “oral state” OR “oral health” [MeSH] OR “oral health” OR “oral function” OR “dental status” OR “dentures” [MeSH] OR “dentures”

- for cognitive function: AND

“cognition” [MeSH] OR “cognition” OR “cognitive function” OR “cognition disorders” [MeSH] OR “cognition disorders” OR “cognitive dysfunction” OR “cognitive disorder” OR “cognitive disorders” OR “cognitive decline” OR “cognitive impairment” OR “mild cognitive impairment” [MeSH] OR “mild cognitive impairment” OR “MCI” OR “mental function”

- for physical function: AND

“exercise capacity” OR “physical performance” OR “physical fitness“ [MeSH] OR “physical fitness“ OR “muscle strength“ [MeSH] OR “muscle strength“ OR “muscle force“ OR “physical function” OR “function” OR “functionality” OR “functional” OR “functional impairment” OR “functional ability” OR “functional limitation” OR “functional limitations” OR “functional decline” OR “limitation” OR “limitations” OR “disability” OR “physical disability” OR “mobility” OR “mobility disability” OR “mobility limitations” OR “mobility limitation” OR “immobility” OR “disabled” OR “impaired” OR “activities of daily living” [MeSH] OR “activities of daily living” OR “ADL” OR “independence in activities of daily living” OR “instrumental activities of daily living” OR “independence in instrumental activities of daily living” OR “ IADL“ OR “need of care” OR “care” OR “short physical performance battery” OR “SPPB” OR “gait speed” OR “gait” [MeSH] OR “gait” OR “balance” OR “balance impairment“ OR “walking ability”