

Figure e-1. Participant recruitment and follow-up flow-chart. GDS-3A: Geriatric Depression Scale 3 apathy items, GDS-12D: Geriatric Depression Scale 12 non-apathy items, MMSE: Mini-Mental State Examination

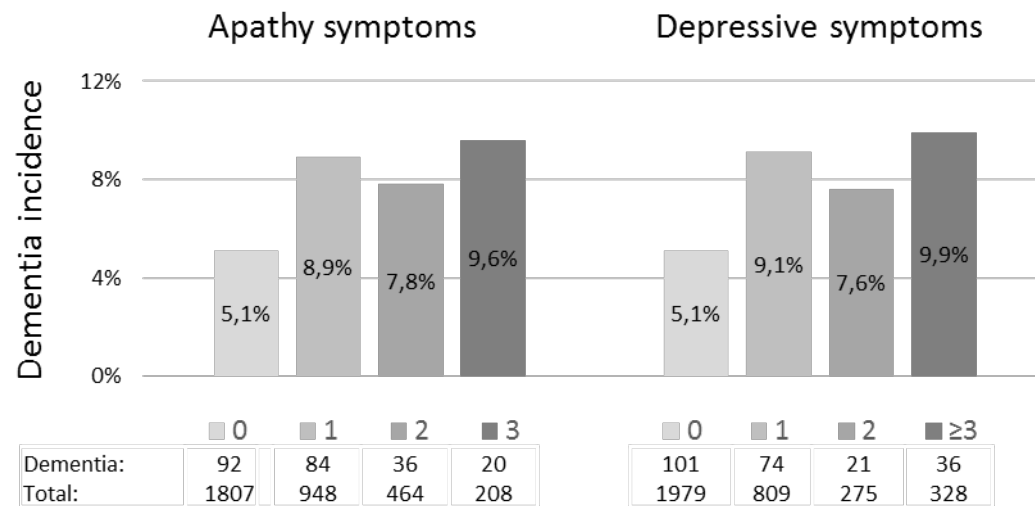


Figure e-2. Dementia rates according to number of symptoms category. Depicted are percentages of participants who developed dementia in each symptom group. The number of dementia cases and total number for each group are listed below the bar charts. Symptoms measured using the geriatric depression scale (GDS-15) Apathy symptom categories are based on 0, 1, 2 or 3 symptoms on the 3 apathy items of the GDS-15, as comparison, depressive symptoms are based on 0, 1, 2 or ≥ 3 symptoms on the remaining 12 items of the GDS-15.