



Supplementary Fig. 1. Forest plots for the association between metabolic syndrome index and (A) the annual change rates in delayed 10-word recall test (DWRT), immediate 10-word recall test (IWRT), and mini-mental state examination (MMSE) scores and (B) five dimensions of MMSE stratified by sex, age group, education group, and family income group-based on linear mixed-effect model during 12-year follow-up. β and 95% confidence interval (CI) were adjusted for sex, age, baseline memory or cognitive function scores, body mass index, education, occupation, marital status, smoking status, drinking status, family income, physical activity, self-rated health, self-reported cardiovascular disease, hypertension, diabetes, hyperlipidemia, and drug history. MMSE consists of five dimensions: orientation, registration, attention and calculation, recall, and language.