File name: Supplementary Data 1

Description: Associations of metabolites with all-cause, cardiovascular, and cancer mortality in the fully adjusted model in NHS/NHSII/HPFS

File name: Supplementary Data 2

Description: Associations of metabolites or multi-metabolite profile score with all-cause, cardiovascular, and cancer mortality adjusting for incident CVD in NHS/NHSII/HPFS

File name: Supplementary Data 3

Description: Associations of metabolites or multi-metabolite profile score with allcause, cardiovascular, and cancer mortality adjusting for incident cancer in NHS/NHSII/HPFS

File name: Supplementary Data 4

Description: Categories and module assignment of metabolites

File name: Supplementary Data 5

Description: Metabolites selected in the elastic net regression and their coefficients for all-cause mortality

File name: Supplementary Data 6

Description: Associations of metabolites with longevity in the fully adjusted model in NHS/NHSII/HPFS

File name: Supplementary Data 7

Description: Associations of metabolites with mortality and longevity in the fully adjusted model in PREDIMED