

Figure S2. Scatter plot of very-low-density lipoprotein particle size vs. alpha-1-acid glycoprotein and observed mortality in the Estonian Biobank cohort.

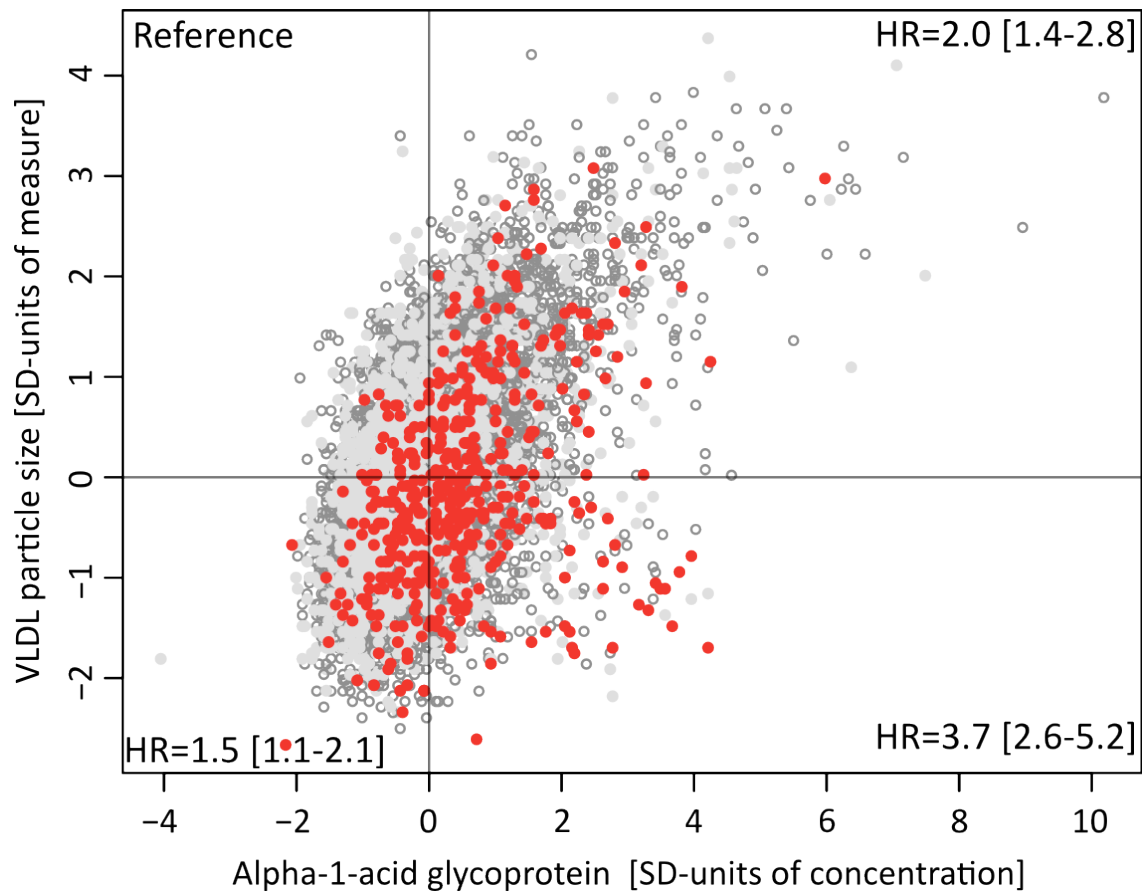


Illustration of the oppositely directed associations with mortality for alpha-1-acid glycoprotein and VLDL particle size. Both biomarkers measures are standardized to zero mean and shown in SD-units, so that the concentrations below or above the average are separated by the axes. Numbers denote the hazard ratio [95% confidence intervals] of all-cause mortality in each quadrant, compared to the low alpha-1-acid glycoprotein and large VLDL particle size reference quadrant. Despite the positive correlation ($r=0.53$), the two biomarkers display different direction of effect with mortality, leading to a multivariate association. Red dots indicate persons who died within 5-year follow up, and open gray circles mark persons who were alive after 5 years. Persons with less than 5 years of follow-up are indicated in light gray.