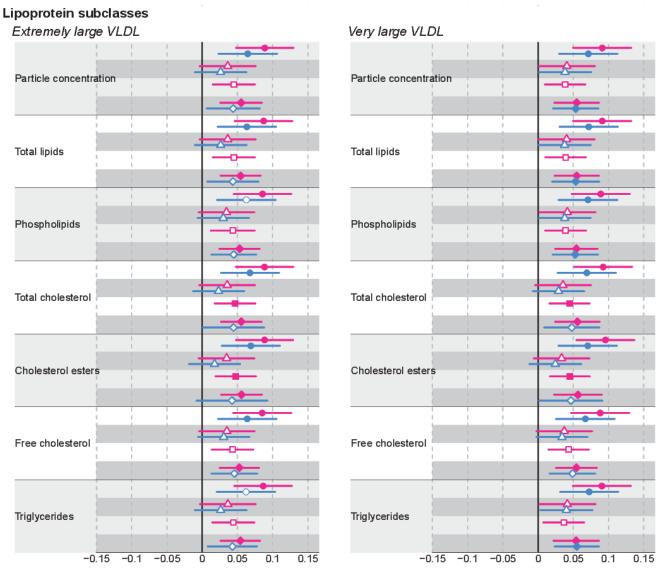
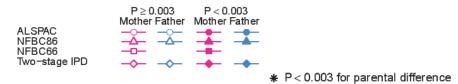
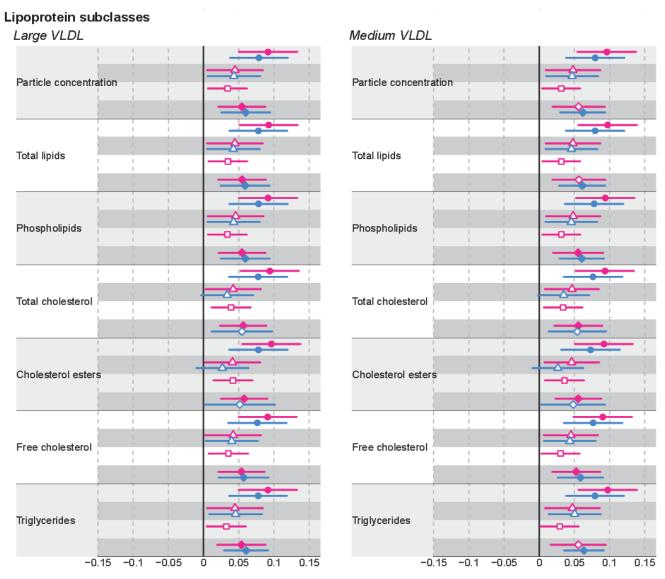
S3 Fig. Two-stage IPD meta-analysis and individual cohort associations: offspring lipoprotein, lipids and metabolite differences per 1-SD higher maternal (pink) or paternal (blue) BMI.



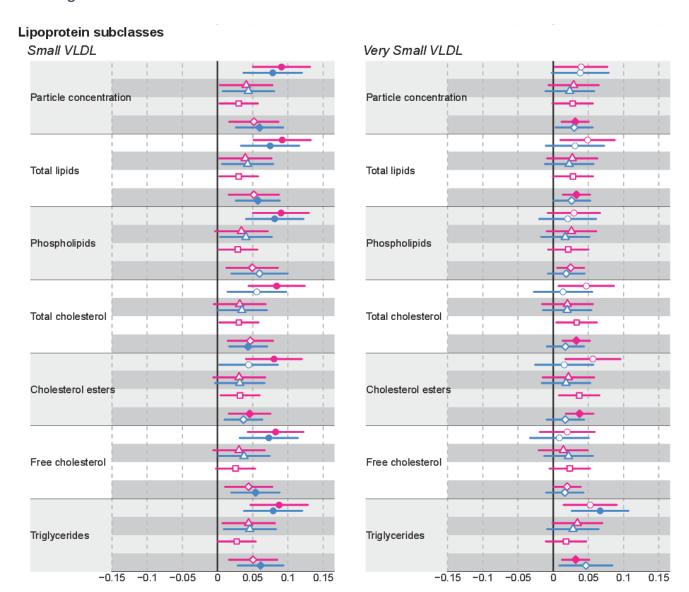
SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment



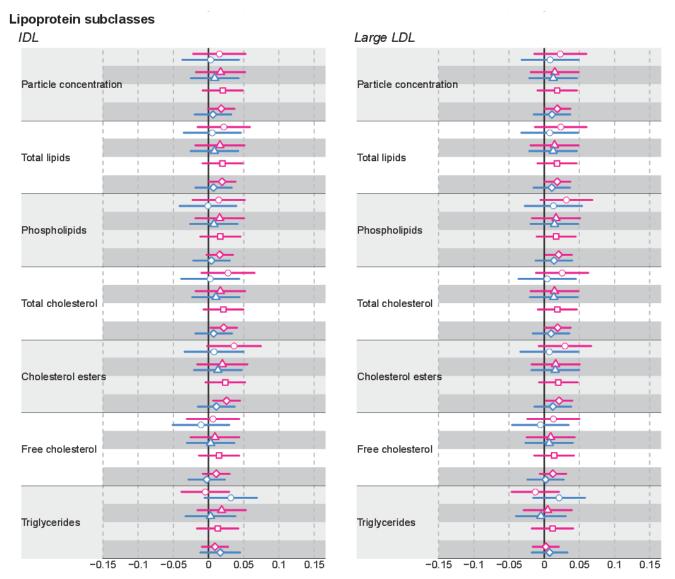


SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment

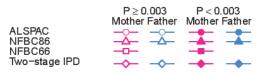
P ≥ 0.003 P < 0.003 Mother Father Mother Father NFBC86 NFBC66 Two-stage IPD

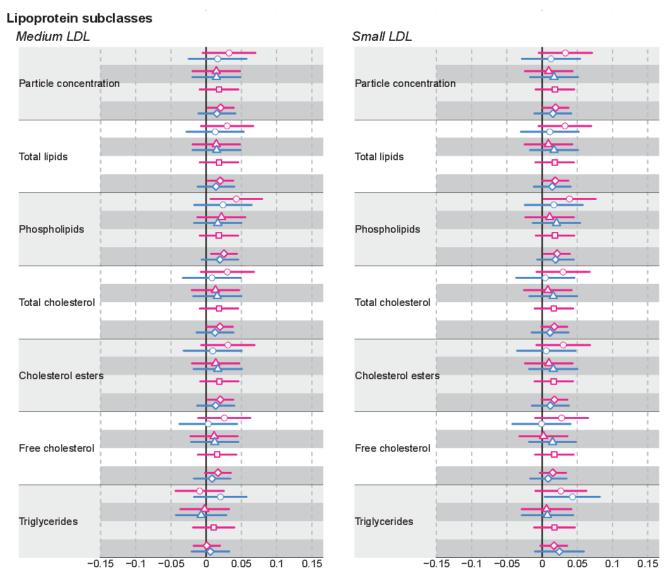


SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment



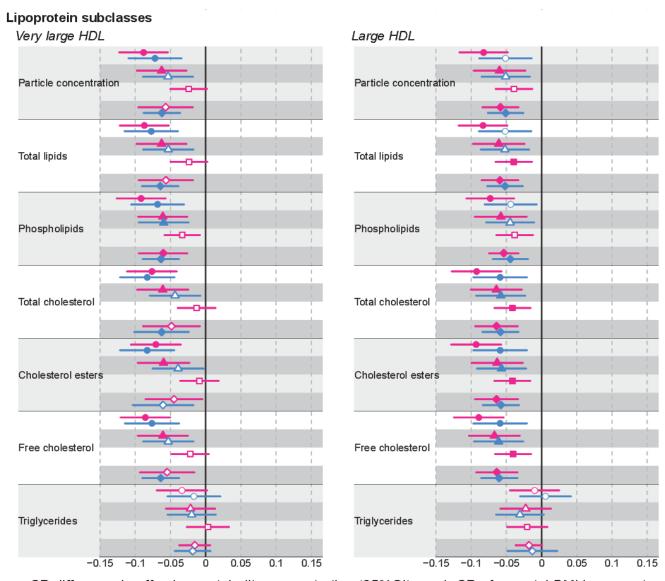
SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment





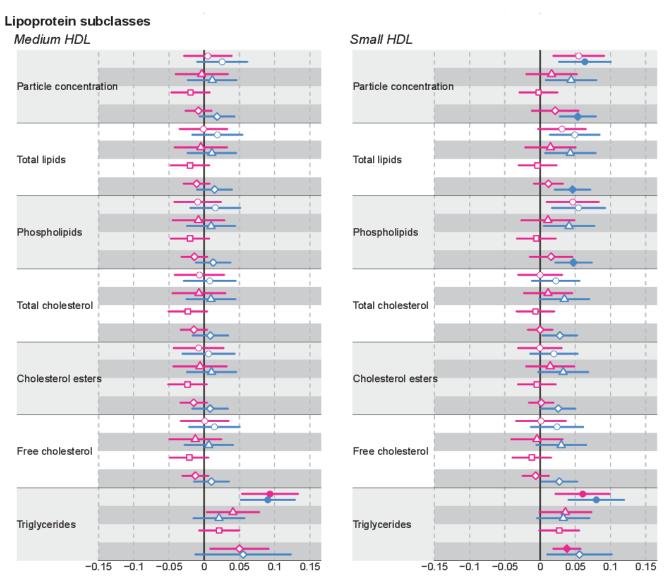
SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment

P ≥ 0.003 P < 0.003 Mother Father ALSPAC MFBC86 NFBC66 Two-stage IPD



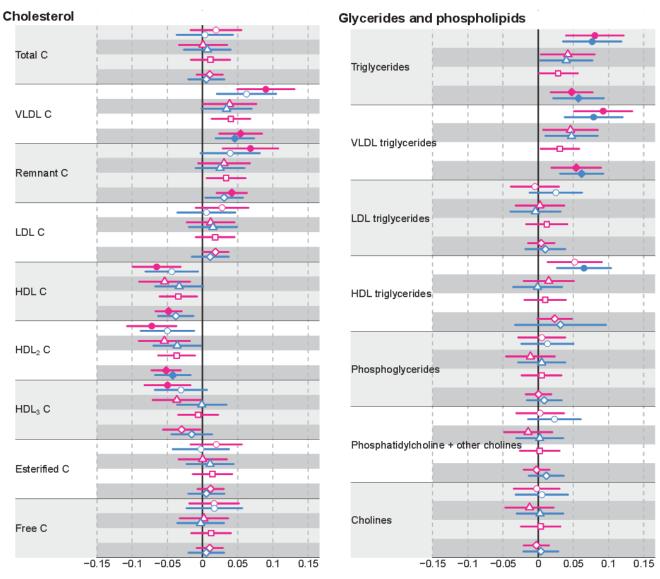
SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment



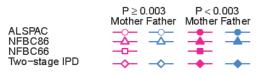


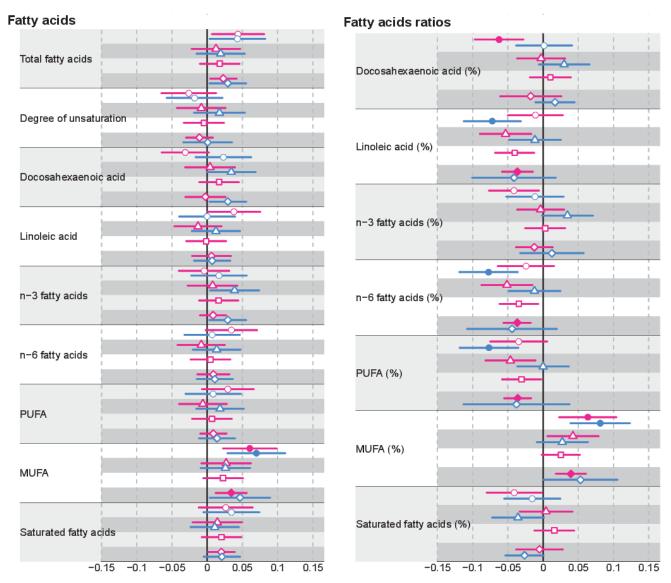
SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment





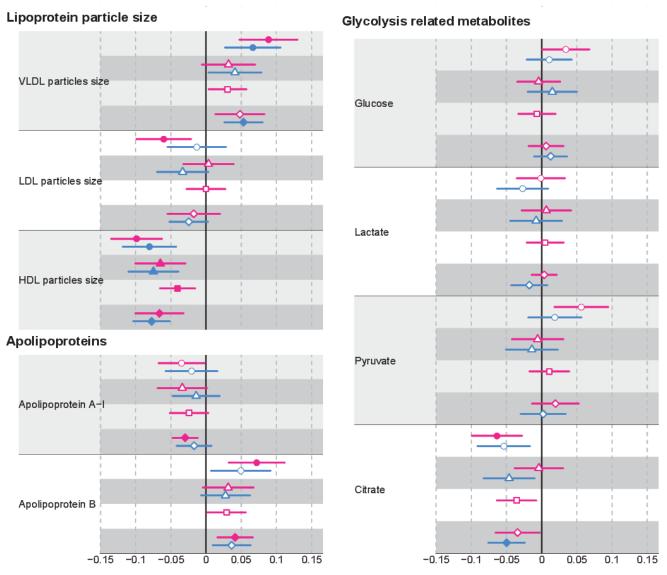
SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment





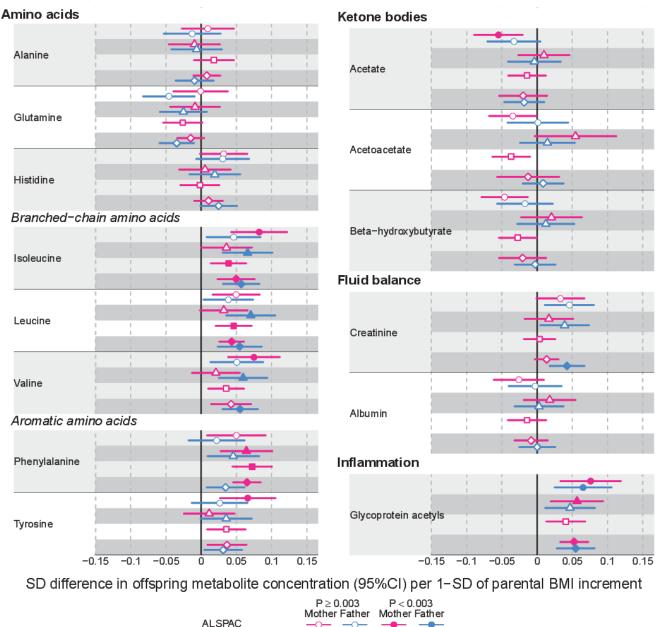
SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment





SD difference in offspring metabolite concentration (95%CI) per 1-SD of parental BMI increment







Associations were adjusted for parental age, smoking status, education, head of household social class, maternal parity, offspring's age at blood collection and sex. Results are shown in SD-scaled concentration units of outcome, changes in absolute concentration units are listed in S4-S6 Tables. Error bars= 95% confidence intervals (CI). VLDL=very-low-density lipoprotein; IDL=intermediate-density lipoprotein; LDL=low-density lipoprotein; HDL= high-density lipoprotein; C= cholesterol; MUFA=monounsaturated fatty acids; PUFA=polyunsaturated fatty acids.