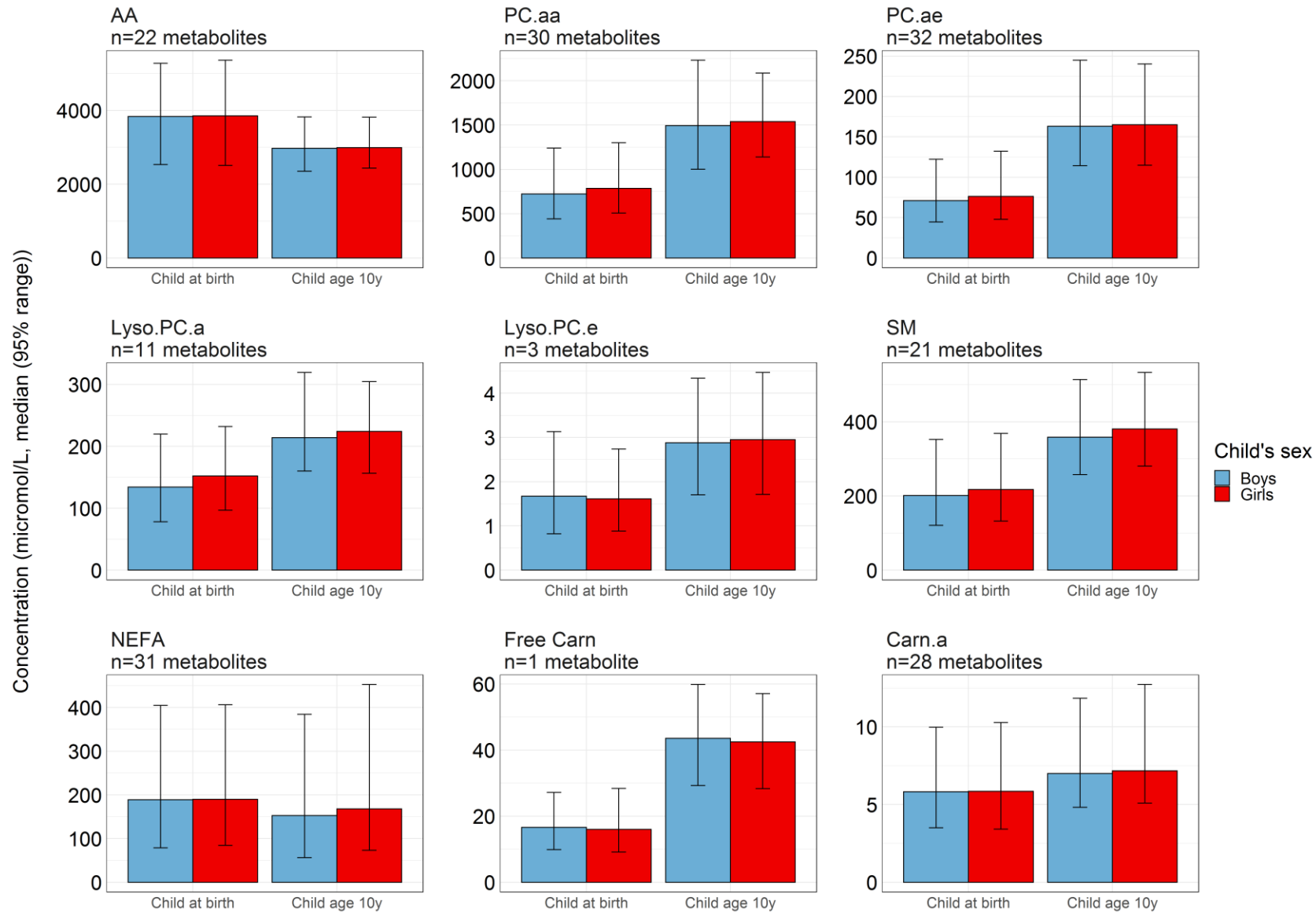


**Figure S1. Median metabolite concentrations by metabolite group and time point, stratified by child's sex**



Values represent the median (95% range) of the sum of the individual metabolite concentrations in each of the metabolite groups, by time point and child's sex. Sums only include metabolites with data at all time points, and therefore do not include concentrations of lyso.PC.a.C20.2, PC.aa.C32.3, PC.aa.C34.5, PC.aa.C36.0, PC.aa.C38.2, PC.aa.C40.3, PC.ae.C34.4, SM.a.C30.1, SM.a.C35.0, SM.a.C37.1, SM.a.C38.3, SM.a.C39.2, SM.a.C40.5, SM.a.C42.4, SM.a.C44.6, SM.e.C36.2, and SM.e.C40.5. SM includes SM.a plus one SM.e. AA: amino acids, PC.aa: diacyl-phosphatidylcholines, PC.ae: acyl-alkylphosphatidylcholines, Lyso.PC.a: acyl-lysophosphatidylcholines, Lyso.PC.e: alkyl-lysophosphatidylcholines, SM: sphingomyelins, NEFA: non-esterified fatty acids, Free Carn: free carnitine, Carn.a: acyl-carnitines.