Title: Maternal lipidomic signatures in relation to spontaneous preterm birth and large-for-gestational age neonates

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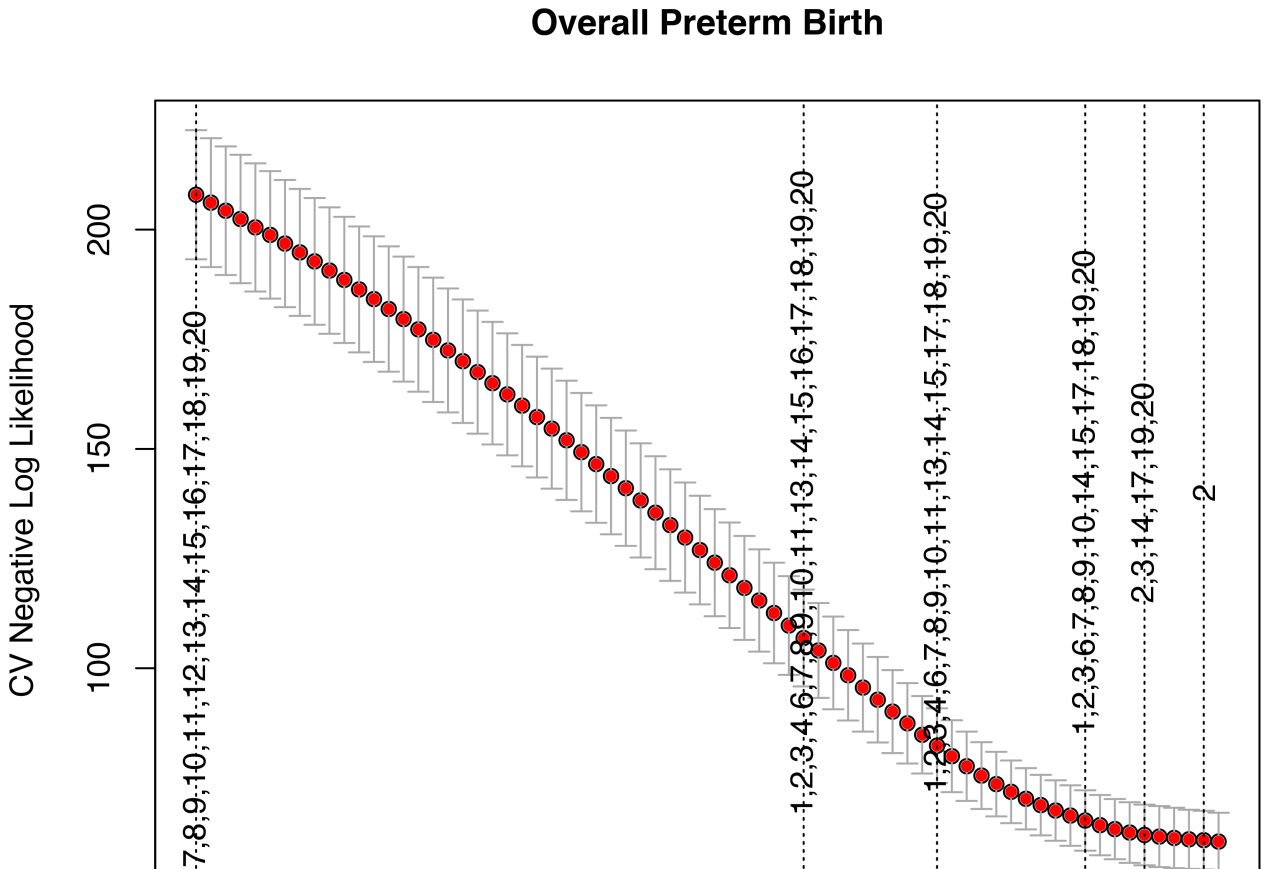
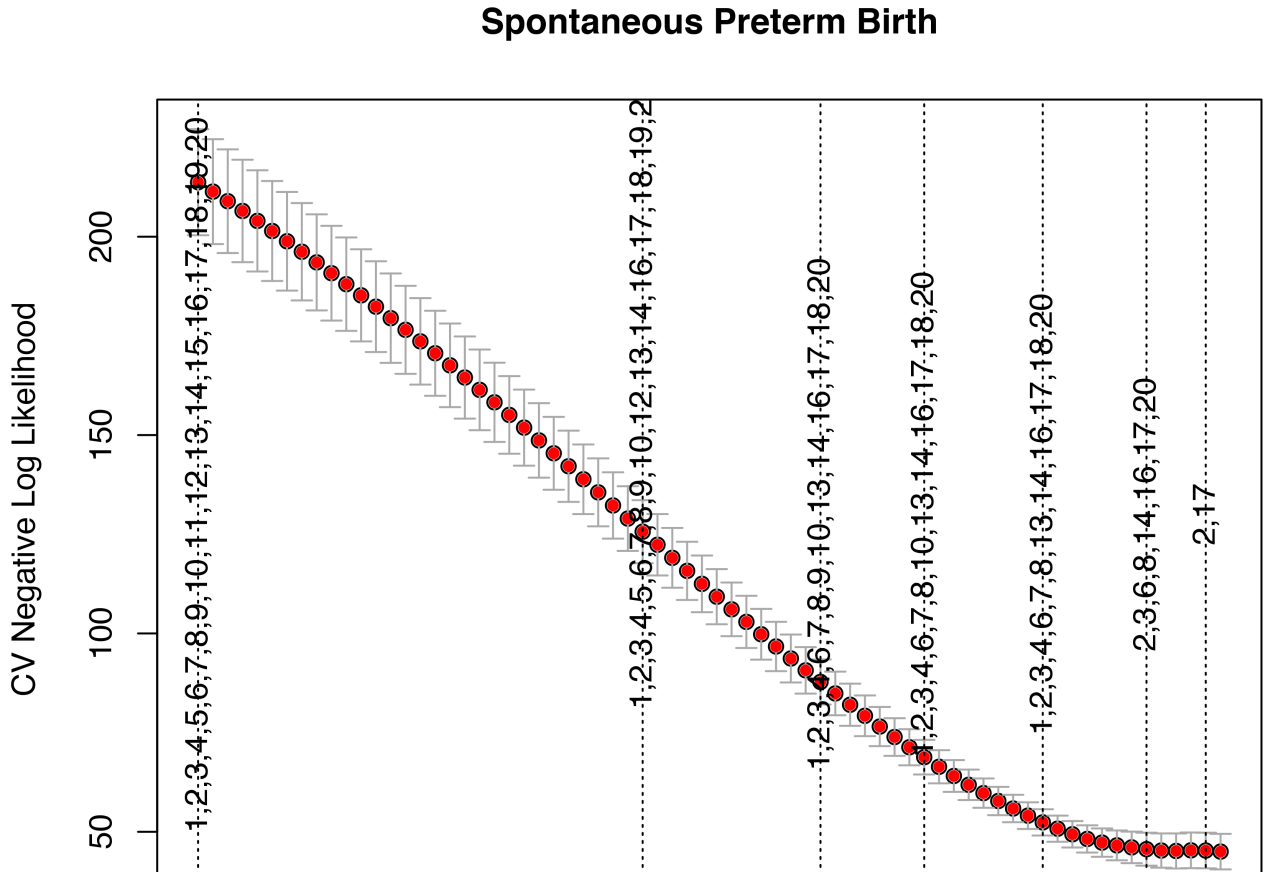
Supplementary Figures

Supplemental Figure 1. Sparse-group lasso on whole lipid classes for overall preterm birth. The dashed verticle lines indicate the value of log(λ) corresponding to the first time the whole lipid class was excluded from the model as log(λ) increases. The numbers 1 through 20 indicate the following: (1) covariates; (2) free fatty acids; (3) fatty acid esters of hydroxy fatty acids; (4) cholesterol esters; (5) acylcarnitines; (6) ceramides; (7) glucosylceramides; (8) sphingomyelins; (9) diglycerides; (10) lysophosphatidylcholines; (11) lysophosphatidylethanolamines; (12) phosphatidic acids; (13) phosphatidylcholines; (14) phosphatidylethanolamines; (15) phosphatidylserines; (16) plasmenyl-phosphatidylcholines; (17) plasmenyl-phosphatidylethanolamines; (18) phosphatidylglycerols; (19) phosphatidylinositols; (20) triglycerides.



Supplemental Figure 2. Sparse-group lasso on whole lipid classes for spontaneous preterm birth. The dashed verticle lines indicate the value of log(λ) corresponding to the first time the whole lipid class was excluded from the model as log(λ) increases. The numbers 1 through 20 indicate the following: (1) covariates; (2) free fatty acids; (3) fatty acid esters of hydroxy fatty acids; (4) cholesterol esters; (5) acylcarnitines; (6) ceramides; (7) glucosylceramides; (8) sphingomyelins; (9) diglycerides; (10) lysophosphatidylcholines; (11) lysophosphatidylethanolamines; (12) phosphatidic acids; (13) phosphatidylcholines; (14) phosphatidylethanolamines; (15) phosphatidylserines; (16) plasmenyl-phosphatidylcholines; (17) plasmenyl-phosphatidylethanolamines; (18) phosphatidylglycerols; (19) phosphatidylinositols; (20) triglycerides.



Supplemental Figure 3. Sparse-group lasso on whole lipid classes for large for gestational age neonates. The dashed verticle lines indicate the value of log(λ) corresponding to the first time the whole lipid class was excluded from the model as log(λ) increases. The numbers 1 through 20 indicate the following: (1) covariates; (2) free fatty acids; (3) fatty acid esters of hydroxy fatty acids; (4) cholesterol esters; (5) acylcarnitines; (6) ceramides; (7) glucosylceramides; (8) sphingomyelins; (9) diglycerides; (10) lysophosphatidylcholines; (11) lysophosphatidylethanolamines; (12) phosphatidic acids; (13) phosphatidylcholines; (14) phosphatidylethanolamines; (15) phosphatidylserines; (16) plasmenyl-phosphatidylcholines; (17) plasmenyl-phosphatidylethanolamines; (18) phosphatidylglycerols; (19) phosphatidylinositols; (20) triglycerides.