

Supplementary Information

Population-based plasma lipidomics reveals developmental changes in metabolism and signatures of obesity risk: a mother-offspring cohort study

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Additional File 1: Fig. S1 – 10 and Table S1 – 5

Fig. S1. Outlier detection by principal component analysis of the lipidomics data at four time points

Fig. S2. Number of pairs between the participants in antenatal, postnatal, cord blood and child lipidomes

Fig. S3. Comparison of the results of linear regression and paired t-test

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Fig. S7. Scatter plot of effect sizes in the pre-pregnancy and antenatal BMI studies.

Fig. S8. Overlapping plasma lipid signatures associated with mother and child adiposity

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Table S1A. Comparison of lipid classes across four sample groups (antenatal, postnatal, cord blood and 6-year-old child) using linear regression model

Table S1B. Comparison of lipid species across four sample groups (antenatal, postnatal, cord blood and 6-year-old child) using linear regression model

Table S1C. Comparison of lipid species across four sample groups (antenatal, postnatal, cord blood and 6-year-old child) using paired t-test.

Table S2A. Association of lipid classes with BMI or BW in four sample groups (antenatal, postnatal, cord blood and 6-year-old child) in terms of levels

Table S2B. Association of lipid species with BMI or BW in four sample groups (antenatal, postnatal, cord blood and 6-year-old child) in terms of levels

Table S2C. Association of antenatal lipidomic profiles with antenatal BMI

Table S3A. The overlapping lipid species between the ppBMI and postnatal BMI studies

Table S3B. The overlapping lipid species between the ppBMI and birth weight studies

Table S3C. The overlapping lipid species between the birth weight and 6-year-old child BMI studies

Table S3D. The overlapping lipid species between the 6-year-old child BMI and adult (postnatal mother) BMI studies

Table S3E. The overlapping lipid species in the four lipid-adiposity association studies

Table S4A. Sex difference in the birth weight and child BMI studies in terms of lipid class levels

Table S4B. Sex difference in the birth weight and child BMI in terms of species levels

Table S5. Association studies of lipids with pre-pregnancy BMI and birth weight in Barwon Infant Study (BIS), and the meta-analysis results of GUSTO and BIS

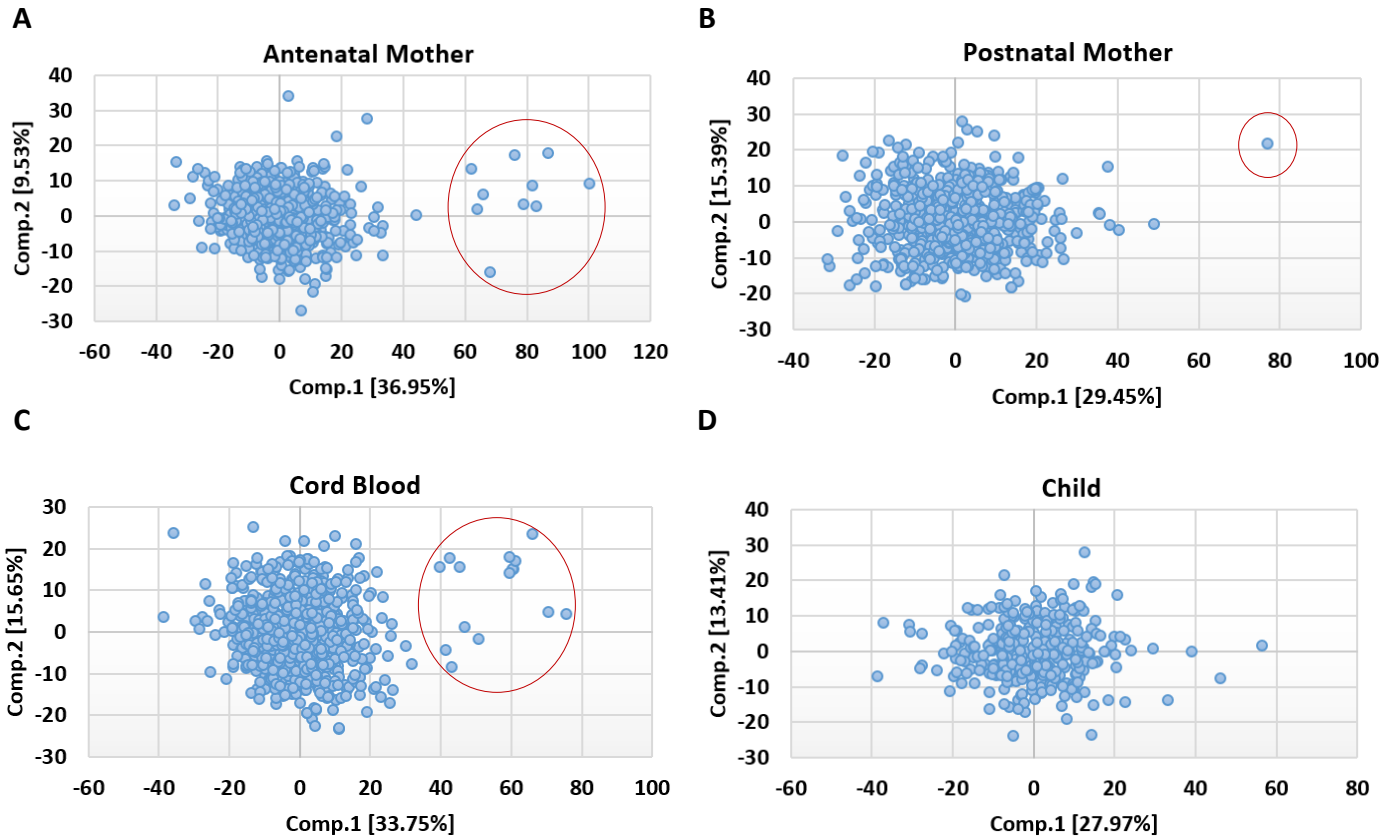


Fig. S1. Outlier detection by principal component analysis of the lipidomics data at four time points: (A) Antenatal mother (n=763). Eleven outliers are detected. (B) Postnatal mother (n=651). One outlier is detected (C) Cord blood (n=767). Fifteen outliers are detected. (D) child (n=338). No outlier is detected. The subjects within red ellipses are outliers.

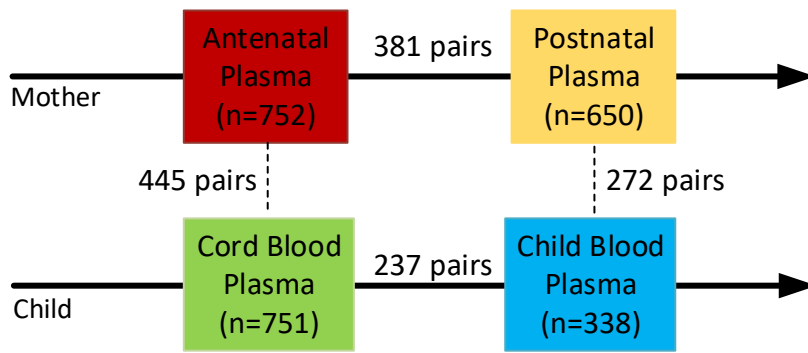


Fig. S2. Number of pairs between the participants in antenatal, postnatal, cord blood and child lipidomes

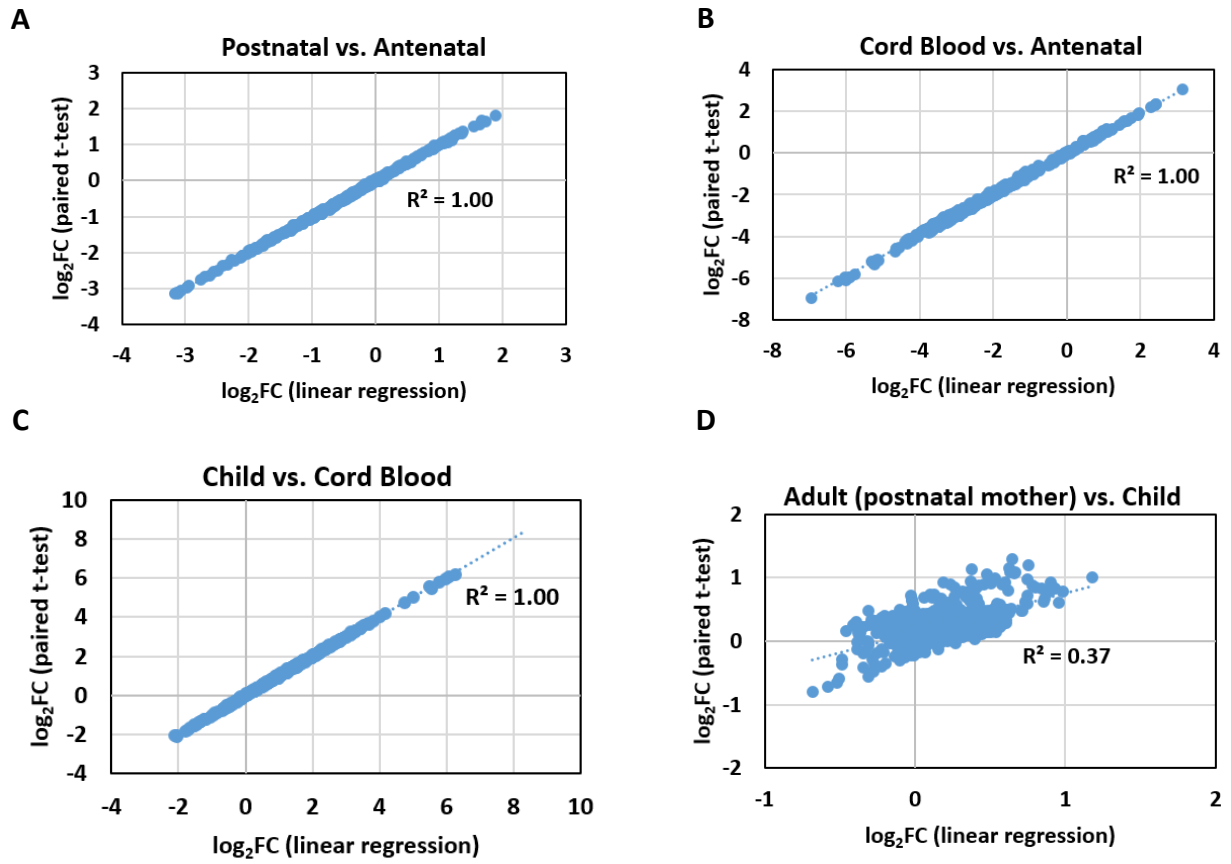


Fig. S3. Comparison of the results of linear regression and paired t-test: (A) Postnatal vs. Antenatal. (B) Cord Blood vs. Antenatal. (C) Child vs. Cord Blood. (D) Adult (postnatal mother) vs. Child.

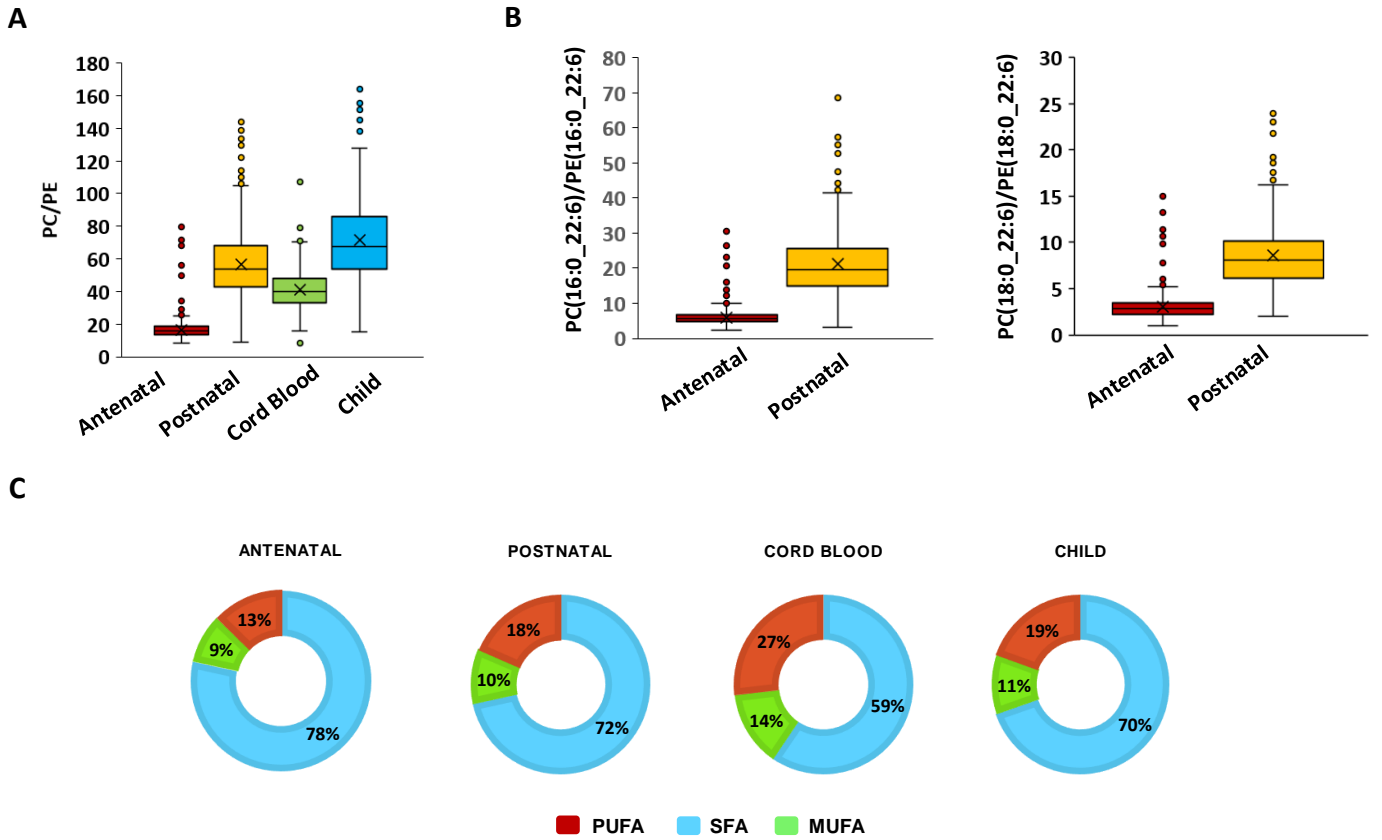


Fig. S4. Ratios of PC to PE levels and lysophospholipids (lysoPL): **(A)** Ratios of total PC to total PE levels in four sample groups. **(B)** Ratios of PC and PE lipid species containing DHA in antenatal and postnatal samples. **(C)** Percentage of lysoPL containing saturated fatty acid (SFA), monounsaturated fatty acid (MUFA) and polyunsaturated fatty acid (PUFA) in antenatal, postnatal, cord blood and child plasma.

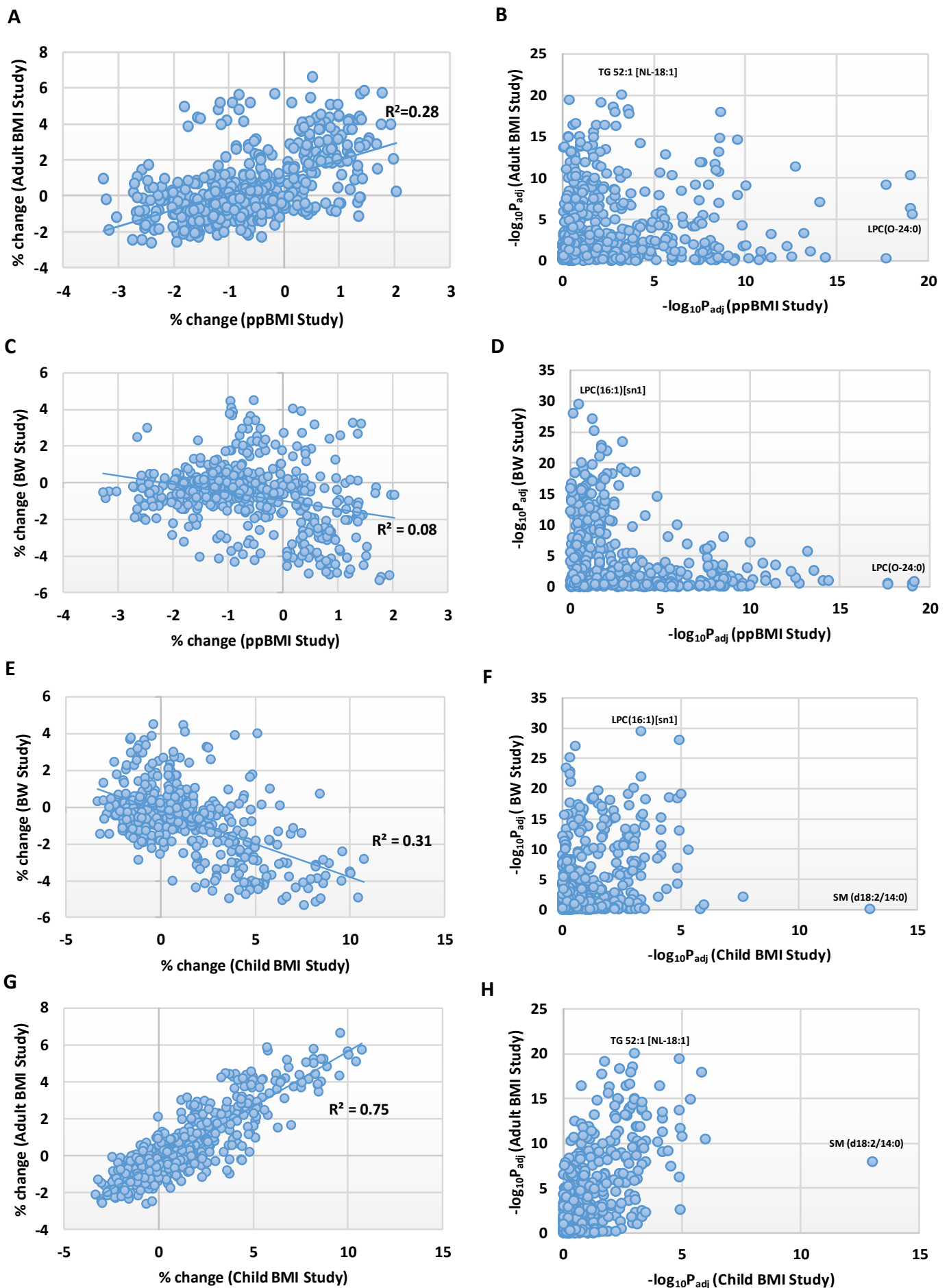


Fig. S5. Scatter plots of effect sizes and adjusted p-values of circulatory lipids associated with mother and child adiposity: (A-B) Pre-pregnancy BMI study vs. Adult (postnatal mother) BMI study. (C-D) Pre-pregnancy BMI study vs. BW study. (E-F) BW study vs. Child BMI study (6 years of age). (G-H) Child BMI study vs. Adult (postnatal mother) BMI study. Effect size is shown as % change in lipid concentration per unit BMI for BMI associations and per 100 grams for birth weight. The most significant lipid species are labelled in B,D,F and H.

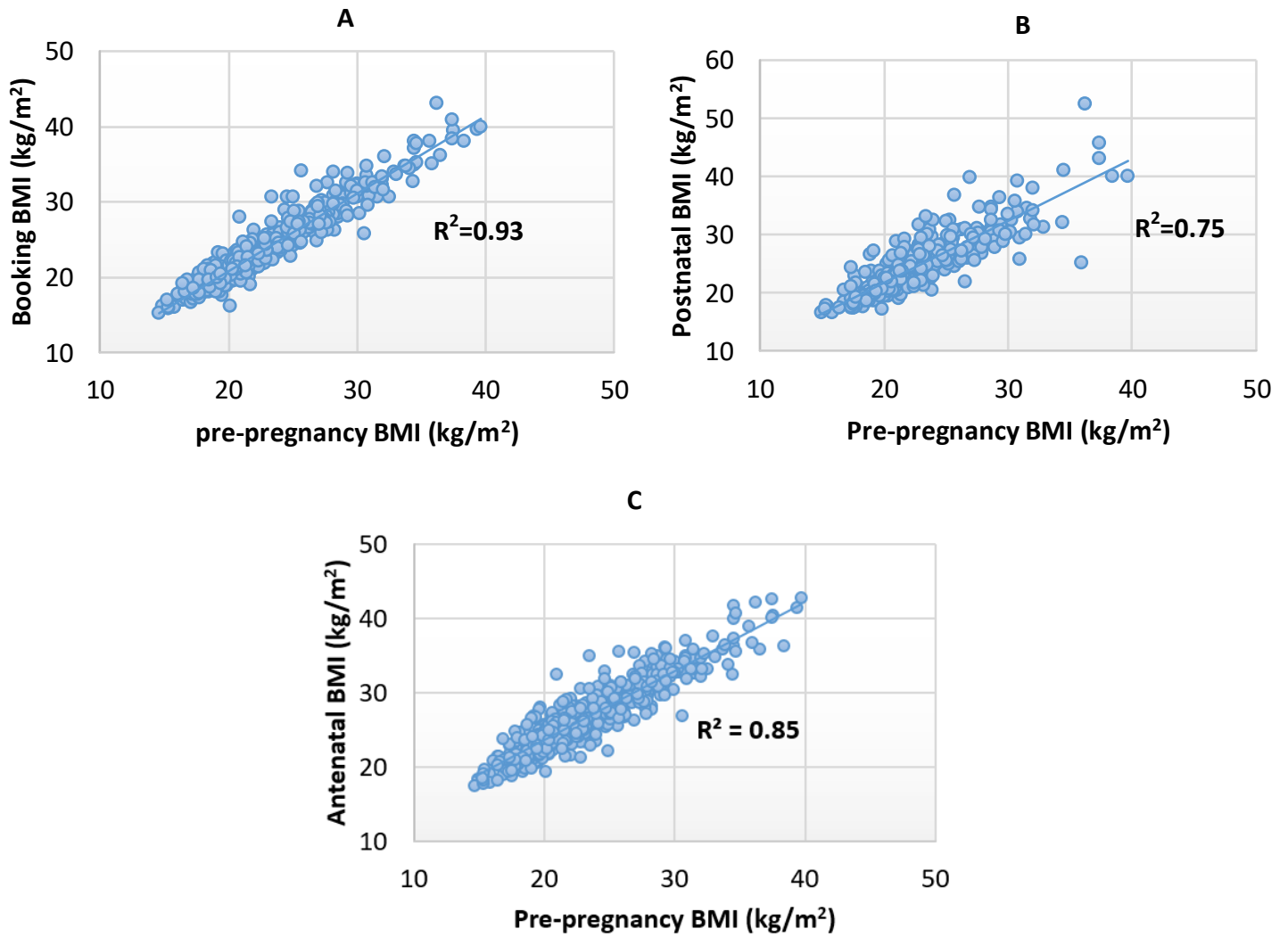


Fig. S6. Correlation of pre-pregnancy, antenatal and postnatal maternal body mass indices (BMIs): (A) Pre-pregnancy BMI vs booking BMI measured at the first clinical visit. (B) Pre-pregnancy BMI vs postnatal BMI (4-5 years after delivery). (C) Pre-pregnancy BMI vs. antenatal BMI (26-28 weeks of gestation)

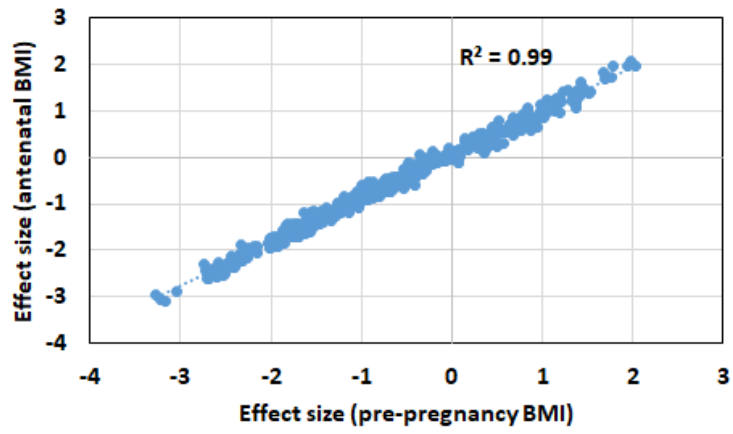


Fig. S7. Scatter plot of effect sizes in the pre-pregnancy and antenatal BMI studies. Effect size is % change in lipid concentration per unit BMI (kg/m^2)

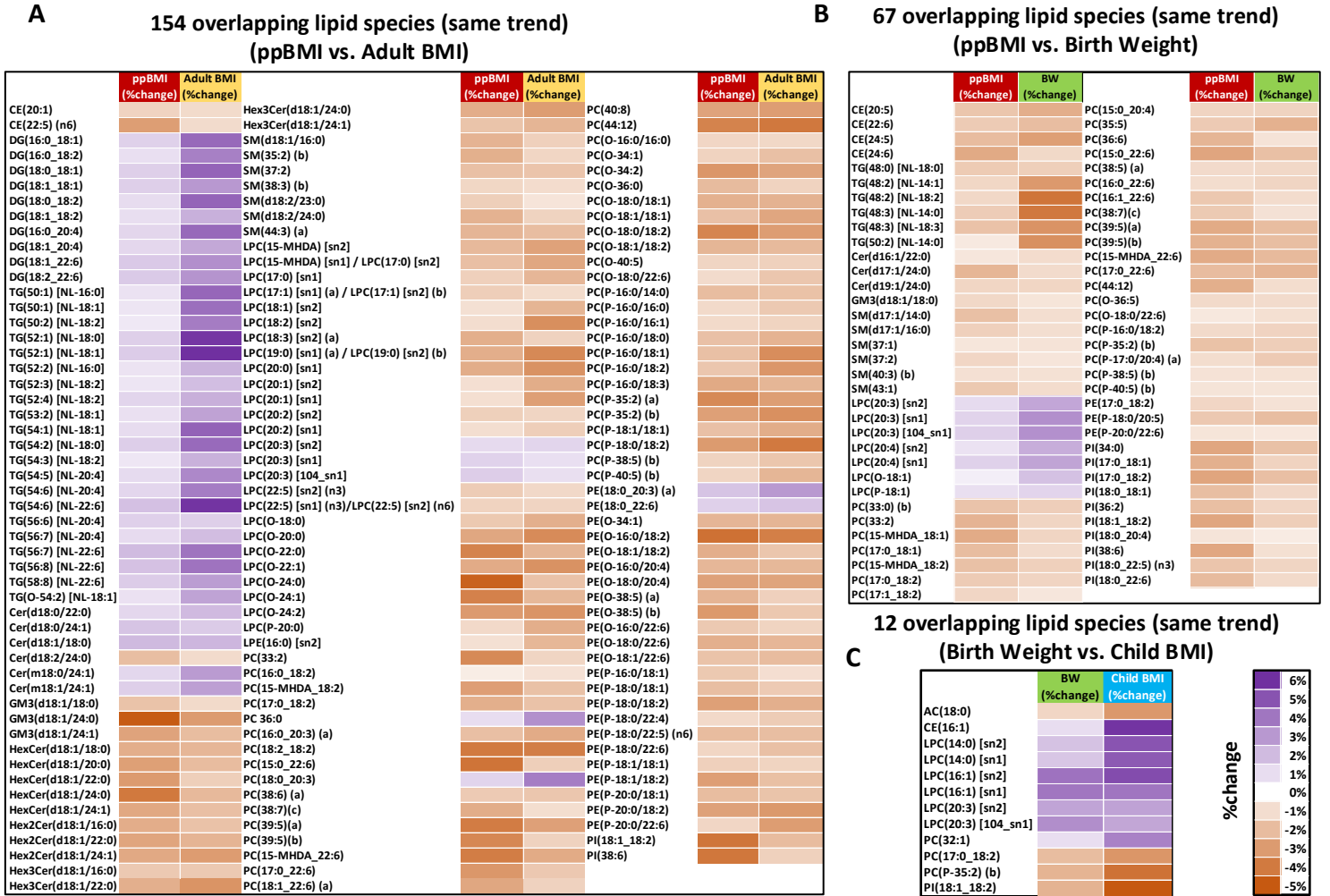


Fig. S8. Overlapping circulatory lipid signatures associated with mother and child adiposity: **(A)** Heat map of 154 overlapping lipid species with the same directionality of association between antenatal ppBMI study and adult (postnatal mother) BMI study. **(B)** Heat map of 67 overlapping lipid species with the same association trend between antenatal ppBMI study and cord blood BW study. **(C)** Heat map of 12 overlapping lipid species with the same association trend between cord blood BW study and child BMI study.

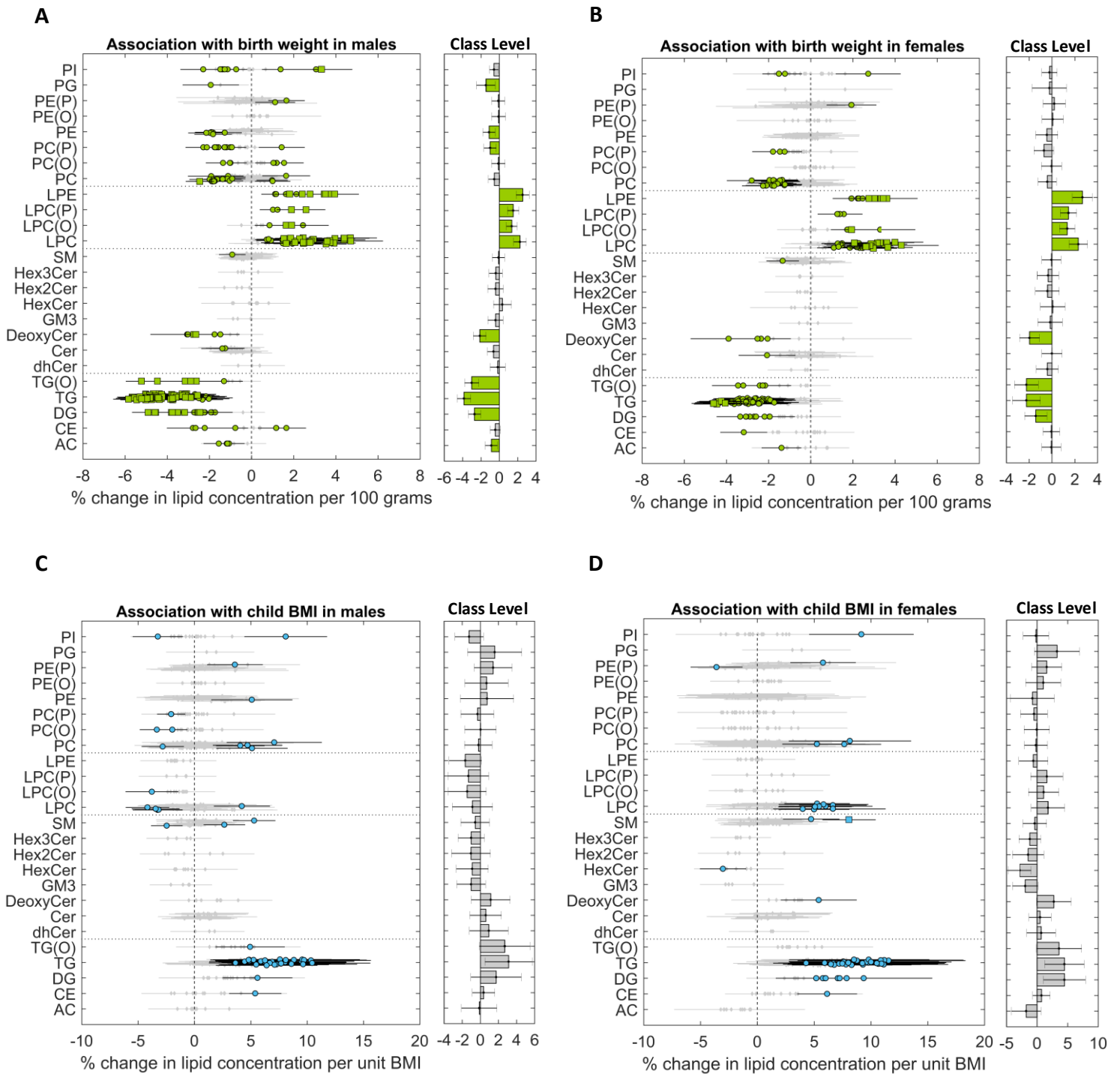


Fig. S9. Sex difference in the birth weight and child BMI studies: **(A)** Association with birth weight in males. **(B)** Association with birth weight in females. **(C)** Association with child BMI in males. **(D)** Association with child BMI in females. Diamond – $P_{\text{adj}} \geq 0.05$ (grey), circle – $P_{\text{adj}} < 0.05$ and square – $P_{\text{adj}} < 1.00\text{E-}5$.

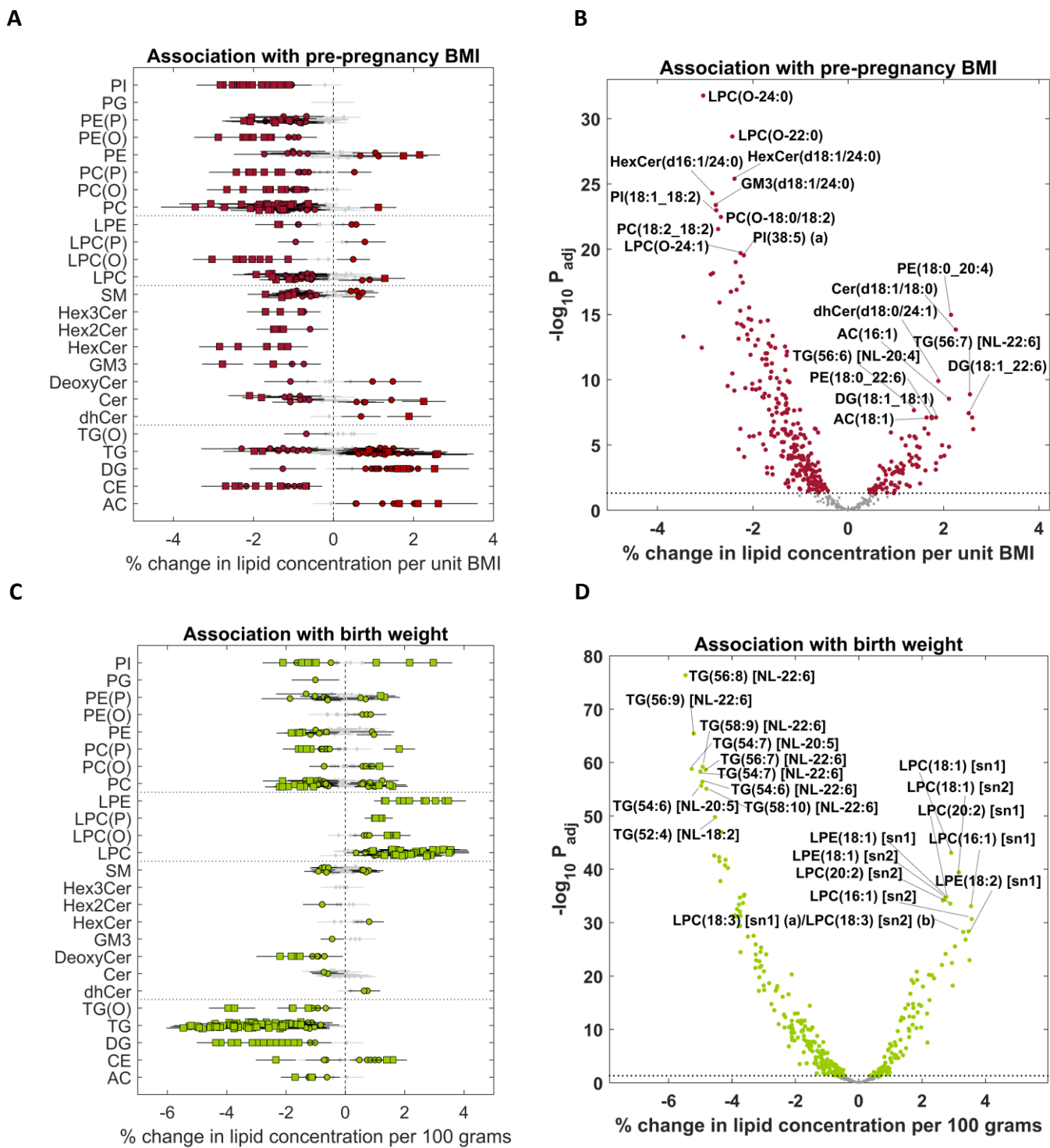


Fig. S10. Forest plots and volcano plots of the meta-analysis results in GUSTO and BIS for ppBMI (A and B) and BW studies (C and D). Diamond – $P_{adj} \geq 0.05$ (grey), circle – $P_{adj} < 0.05$ and square – $P_{adj} < 1.00E-5$ in forest plots (A and C). Top 10 significant lipid species with positive and negative association are labelled in volcano plots (B and D, dotted line – $P_{adj} = 0.05$).

Table S1A. Comparison of lipid classes across four sample groups (antenatal, postnatal, cord blood and 6-year-old child) using linear regression model. Related to Figure 1.

Lipid Class	From antenatal to postnatal				From antenatal to cord blood				From birth to child				From child to adult (postnatal)			
	adjusted for ethnicity, maternal age, maternal education level and pre-pregnancy BMI				adjusted for ethnicity, maternal age, maternal education level, pre-pregnancy BMI, sex, gestational age and birth weight				adjusted for sex, ethnicity, maternal education level, gestational age and birth weight				adjusted for sex, ethnicity, BMI and maternal education level			
	log ₂ FC (Postnatal/Antenatal)	95%CI	p-value	p-value(BH)	log ₂ FC (CordBlood/Antenatal)	95%CI	p-value	p-value(BH)	log ₂ FC (Child/CordBlood)	95%CI	p-value	p-value(BH)	log ₂ FC (Adult/Child)	95%CI	p-value	p-value(BH)
AC	1.23	(1.19-1.28)	2.31E-293	1.92E-292	0.40	(0.34-0.46)	9.89E-38	1.08E-37	0.70	(0.64-0.76)	1.82E-107	2.68E-107	0.04	(-0.06-0.14)	4.23E-01	5.28E-01
CE	-0.05	(-0.07--0.02)	1.05E-03	1.19E-03	-1.56	(-1.6--1.52)	0.00E+00	0.00E+00	1.34	(1.3-1.38)	0.00E+00	0.00E+00	0.24	(0.18-0.3)	5.16E-15	2.15E-14
DG	-1.01	(-1.08--0.95)	1.67E-161	4.18E-161	-3.04	(-3.11--2.96)	0.00E+00	0.00E+00	1.60	(1.53-1.68)	1.74E-236	3.62E-236	-0.05	(-0.19-0.1)	5.50E-01	6.54E-01
TG	-1.00	(-1.06--0.95)	5.58E-211	1.99E-210	-2.87	(-2.95--2.79)	0.00E+00	0.00E+00	1.32	(1.23-1.41)	8.51E-134	1.42E-133	0.03	(-0.11-0.16)	6.98E-01	7.58E-01
TG(O)	-0.97	(-1.03--0.91)	8.38E-160	1.91E-159	-2.95	(-3.03--2.87)	0.00E+00	0.00E+00	1.55	(1.47-1.63)	1.27E-191	2.26E-191	-0.09	(-0.24-0.06)	2.60E-01	3.42E-01
dhCer	-0.12	(-0.17--0.07)	7.00E-06	8.75E-06	0.22	(0.16-0.28)	8.89E-13	8.89E-13	-0.48	(-0.54--0.42)	1.01E-50	1.27E-50	-0.02	(-0.13-0.09)	7.40E-01	7.71E-01
Cer	0.18	(0.14-0.22)	4.54E-19	6.67E-19	-2.14	(-2.19--2.09)	0.00E+00	0.00E+00	2.10	(2.05-2.15)	0.00E+00	0.00E+00	0.17	(0.09-0.26)	7.48E-05	1.25E-04
DeoxyCer	-0.61	(-0.67--0.55)	1.63E-69	3.39E-69	-1.96	(-2.03--1.88)	0.00E+00	0.00E+00	0.87	(0.8-0.93)	2.58E-118	4.03E-118	0.13	(0-0.25)	5.46E-02	7.58E-02
GM3	0.20	(0.16-0.25)	7.95E-18	1.10E-17	-0.25	(-0.31--0.19)	1.61E-15	1.67E-15	0.37	(0.31-0.43)	3.97E-32	4.51E-32	0.24	(0.15-0.33)	2.64E-07	5.49E-07
HexCer	0.12	(0.08-0.16)	1.31E-08	1.72E-08	-1.30	(-1.36--1.24)	1.24E-247	1.83E-247	1.35	(1.29-1.41)	2.88E-238	6.54E-238	0.23	(0.14-0.32)	5.09E-07	9.78E-07
Hex2Cer	-0.07	(-0.12--0.02)	3.61E-03	3.92E-03	-2.17	(-2.23--2.11)	0.00E+00	0.00E+00	1.76	(1.69-1.82)	4.98E-304	1.38E-303	0.51	(0.41-0.62)	1.79E-20	2.24E-19
Hex3Cer	0.19	(0.15-0.22)	2.80E-22	4.38E-22	-0.85	(-0.9--0.8)	1.89E-171	2.62E-171	1.06	(1.01-1.11)	3.87E-212	7.44E-212	0.11	(0.03-0.19)	7.60E-03	1.12E-02
SM	-0.32	(-0.36--0.28)	1.64E-51	3.16E-51	-1.85	(-1.9--1.8)	0.00E+00	0.00E+00	1.29	(1.24-1.34)	2.07E-298	5.17E-298	0.30	(0.22-0.39)	6.36E-12	1.77E-11
LPC	0.90	(0.86-0.95)	7.17E-246	2.99E-245	0.40	(0.36-0.45)	7.90E-60	8.98E-60	0.25	(0.2-0.3)	3.53E-21	3.67E-21	0.49	(0.38-0.59)	5.78E-20	3.61E-19
LPC(O)	0.87	(0.83-0.9)	8.75E-280	5.47E-279	0.37	(0.33-0.41)	1.82E-66	2.17E-66	0.25	(0.2-0.29)	7.27E-25	7.91E-25	0.46	(0.37-0.56)	8.65E-22	2.16E-20
LPC(P)	1.14	(1.1-1.18)	0.00E+00	0.00E+00	0.68	(0.63-0.72)	1.26E-163	1.66E-163	0.17	(0.13-0.22)	3.49E-12	3.49E-12	0.47	(0.38-0.57)	3.10E-20	2.59E-19
LPE	0.31	(0.27-0.36)	1.57E-46	2.80E-46	0.49	(0.45-0.54)	4.94E-88	6.17E-88	-0.38	(-0.43--0.33)	1.79E-49	2.14E-49	0.44	(0.34-0.54)	2.79E-18	1.39E-17
PC	-0.63	(-0.67--0.6)	5.16E-194	1.61E-193	-2.35	(-2.39--2.3)	0.00E+00	0.00E+00	1.56	(1.51-1.6)	0.00E+00	0.00E+00	0.21	(0.13-0.29)	6.15E-07	1.10E-06
PC(O)	-0.22	(-0.27--0.18)	4.62E-24	7.70E-24	-1.85	(-1.91--1.8)	0.00E+00	0.00E+00	1.46	(1.41-1.51)	0.00E+00	0.00E+00	0.33	(0.24-0.42)	4.38E-12	1.37E-11
PC(P)	-0.08	(-0.13--0.04)	5.40E-04	6.43E-04	-1.76	(-1.81--1.7)	0.00E+00	0.00E+00	1.50	(1.44-1.55)	6.78E-307	2.12E-306	0.37	(0.27-0.46)	2.66E-13	9.49E-13
PE	-2.36	(-2.42--2.29)	0.00E+00	0.00E+00	-3.70	(-3.76--3.64)	0.00E+00	0.00E+00	0.82	(0.75-0.88)	4.98E-100	6.55E-100	0.48	(0.32-0.63)	3.67E-09	9.17E-09
PE(O)	0.02	(-0.04-0.07)	5.93E-01	5.93E-01	-2.94	(-3--2.87)	0.00E+00	0.00E+00	2.77	(2.71-2.83)	0.00E+00	0.00E+00	0.35	(0.23-0.48)	7.57E-08	1.72E-07
PE(P)	-0.06	(-0.11--0.01)	2.80E-02	2.92E-02	-2.70	(-2.76--2.64)	0.00E+00	0.00E+00	2.73	(2.67-2.78)	0.00E+00	0.00E+00	0.01	(-0.1-0.12)	8.06E-01	8.06E-01
PG	-1.04	(-1.1--0.98)	1.19E-173	3.31E-173	-2.50	(-2.58--2.42)	0.00E+00	0.00E+00	1.11	(1.02-1.2)	5.87E-105	8.15E-105	0.04	(-0.11-0.2)	5.88E-01	6.68E-01
PI	-1.04	(-1.08--1)	8.26E-279	4.13E-278	-2.36	(-2.4--2.31)	0.00E+00	0.00E+00	1.18	(1.14-1.22)	0.00E+00	0.00E+00	0.15	(0.06-0.25)	1.21E-03	1.89E-03

462	PI	PI(16:0_16:1)	-1.94	(-2.04--1.84)	4.93E-220	3.24E-219	-2.64	(-2.74--2.54)	0.00E+00	0.00E+00	0.54	(0.45-0.62)	4.54E-33	5.74E-33	-0.36	(-0.56--0.17)	3.11E-04	5.95E-04
463	PI	PI(34:0)	-3.12	(-3.21--3.03)	0.00E+00	0.00E+00	-5.31	(-5.44--5.19)	0.00E+00	0.00E+00	1.64	(1.52-1.77)	4.45E-112	7.80E-112	0.37	(0.17-0.58)	4.66E-04	8.77E-04
464	PI	PI(34:1)	-1.63	(-1.7--1.57)	0.00E+00	0.00E+00	-4.31	(-4.38--4.25)	0.00E+00	0.00E+00	2.57	(2.51-2.63)	0.00E+00	0.00E+00	0.09	(-0.05-0.22)	2.20E-01	2.65E-01
465	PI	PI(17:0_18:1)	-1.46	(-1.52--1.4)	9.61E-290	1.18E-288	-4.28	(-4.37--4.19)	0.00E+00	0.00E+00	2.65	(2.55-2.75)	6.49E-305	2.94E-304	0.03	(-0.12-0.17)	7.24E-01	7.63E-01
466	PI	PI(17:0_18:2)	-1.44	(-1.51--1.38)	2.02E-277	2.21E-276	-4.39	(-4.48--4.29)	0.00E+00	0.00E+00	2.64	(2.53-2.74)	8.74E-283	3.53E-282	0.11	(-0.03-0.25)	1.16E-01	1.48E-01
467	PI	PI(18:0_18:1)	-1.69	(-1.75--1.62)	0.00E+00	6.40E-308	-6.03	(-6.1--5.95)	0.00E+00	0.00E+00	4.18	(4.11-4.26)	0.00E+00	0.00E+00	0.28	(0.14-0.43)	1.73E-04	3.46E-04
468	PI	PI(36:2)	-1.41	(-1.46--1.36)	0.00E+00	0.00E+00	-5.19	(-5.25--5.13)	0.00E+00	0.00E+00	3.61	(3.55-3.67)	0.00E+00	0.00E+00	0.20	(0.09-0.31)	6.07E-04	1.12E-03
469	PI	PI(18:1_18:2)	-1.17	(-1.23--1.12)	7.59E-219	4.93E-218	-2.99	(-3.06--2.93)	0.00E+00	0.00E+00	1.74	(1.68-1.8)	0.00E+00	0.00E+00	0.26	(0.13-0.4)	8.43E-05	1.78E-04
470	PI	PI(16:0_20:3) (a)	-1.44	(-1.5--1.38)	1.12E-265	1.10E-264	-1.94	(-2--1.88)	0.00E+00	0.00E+00	0.70	(0.65-0.75)	1.92E-110	3.33E-110	-0.26	(-0.39--0.13)	1.27E-04	2.60E-04
471	PI	PI(16:0_20:3) (b)	-1.04	(-1.11--0.97)	3.19E-156	1.21E-155	-0.72	(-0.8--0.64)	1.03E-61	1.19E-61	-0.13	(-0.21--0.06)	6.75E-04	7.06E-04	-0.21	(-0.35--0.07)	2.83E-03	4.76E-03
472	PI	PI(16:0_20:4)	-1.05	(-1.1--0.99)	3.13E-208	1.85E-207	-1.11	(-1.17--1.05)	4.67E-214	7.05E-214	0.05	(-0.01-0.1)	8.69E-02	8.88E-02	-0.09	(-0.21-0.03)	1.43E-01	1.78E-01
473	PI	PI(18:0_20:2)	-1.72	(-1.79--1.66)	0.00E+00	0.00E+00	-3.34	(-3.43--3.25)	0.00E+00	0.00E+00	1.58	(1.49-1.67)	2.93E-174	6.73E-174	0.15	(0.01-0.29)	3.40E-02	4.76E-02
474	PI	PI(18:0_20:3) (a)	-0.52	(-0.56--0.47)	1.39E-93	3.21E-93	-1.47	(-1.52--1.42)	0.00E+00	0.00E+00	0.80	(0.75-0.85)	1.75E-168	3.85E-168	0.17	(0.07-0.27)	5.16E-04	9.68E-04
475	PI	PI(18:0_20:4)	-0.48	(-0.52--0.43)	1.31E-81	2.83E-81	-1.42	(-1.47--1.38)	0.00E+00	0.00E+00	0.78	(0.73-0.82)	3.79E-168	8.26E-168	0.18	(0.09-0.28)	2.11E-04	4.15E-04
476	PI	PI(38:5) (a)	-0.86	(-0.91--0.81)	9.79E-177	4.61E-176	-0.73	(-0.79--0.67)	1.66E-105	2.02E-105	-0.22	(-0.27--0.16)	3.82E-13	4.24E-13	0.11	(0-0.22)	4.52E-02	6.17E-02
477	PI	PI(38:6)	-1.34	(-1.4--1.28)	4.72E-257	4.12E-256	-1.79	(-1.85--1.73)	0.00E+00	0.00E+00	0.50	(0.44-0.55)	1.29E-57	1.82E-57	0.04	(-0.09-0.17)	5.35E-01	5.98E-01
478	PI	PI(18:0_22:4)	-1.26	(-1.32--1.2)	1.54E-250	1.27E-249	-1.82	(-1.88--1.75)	0.00E+00	0.00E+00	0.57	(0.51-0.63)	2.36E-68	3.49E-68	-0.02	(-0.14-0.11)	7.94E-01	8.31E-01
479	PI	PI(18:0_22:5) (n3)	-0.46	(-0.52--0.39)	1.11E-45	1.91E-45	-2.65	(-2.73--2.58)	0.00E+00	0.00E+00	1.88	(1.81-1.95)	0.00E+00	0.00E+00	0.20	(0.07-0.33)	1.95E-03	3.37E-03
480	PI	PI(18:0_22:6)	-1.29	(-1.35--1.23)	1.85E-243	1.44E-242	-2.53	(-2.6--2.47)	0.00E+00	0.00E+00	1.18	(1.12-1.24)	1.69E-204	4.55E-204	0.10	(-0.03-0.23)	1.33E-01	1.67E-01

455	PE(P-20:0/18:2)	-0.03	(-0.09,0.02)	1.89E-01	1.99E-01	-3.32	(-3.37,-3.27)	0.00E+00	0.00E+00	3.81	(3.75,3.88)	1.39E-210	3.35E-208	-0.56	(-0.64,-0.49)	1.20E-34	3.40E-33
456	PE(P-20:0/20:4)	0.42	(0.37,0.47)	2.15E-47	3.85E-47	-1.58	(-1.65,-1.51)	4.76E-174	7.67E-174	2.41	(2.32,2.49)	4.61E-135	4.34E-134	-0.48	(-0.55,-0.41)	1.58E-30	2.30E-29
457	PE(P-20:0/22:6)	-0.11	(-0.15,-0.06)	2.84E-06	3.42E-06	-1.92	(-1.97,-1.88)	1.89E-273	8.64E-273	1.96	(1.89,2.04)	1.40E-129	1.10E-128	-0.22	(-0.29,-0.16)	1.93E-10	4.64E-10
458	PE(P-20:1/20:4)	0.36	(0.27,0.44)	2.73E-15	3.63E-15	-2.81	(-2.9,-2.72)	1.74E-218	3.96E-218	3.02	(2.89,3.15)	2.77E-119	1.58E-118	0.08	(-0.04,0.2)	1.87E-01	2.05E-01
459	PG(34:2)	-1.24	(-1.33,-1.15)	9.59E-91	3.44E-90	-2.54	(-2.64,-2.44)	1.70E-188	2.96E-188	0.95	(0.79,1.11)	7.98E-26	1.08E-25	0.24	(0.13,0.36)	5.65E-05	8.45E-05
460	PG(36:1)	-0.89	(-0.98,-0.81)	3.85E-69	9.07E-69	-2.47	(-2.56,-2.38)	4.18E-193	7.48E-193	1.35	(1.2,1.5)	3.14E-45	5.17E-45	0.36	(0.24,0.48)	6.49E-09	1.35E-08
461	PI(16:0/16:0)	-3.06	(-3.17,-2.95)	2.26E-178	9.04E-177	-4.54	(-4.63,-4.45)	1.75E-302	1.72E-301	1.18	(1.06,1.3)	1.35E-51	2.39E-51	0.27	(0.15,0.39)	1.33E-05	2.07E-05
462	PI(16:0_16:1)	-1.93	(-2.05,-1.82)	1.48E-110	8.35E-110	-2.60	(-2.69,-2.51)	3.80E-204	7.35E-204	0.54	(0.43,0.66)	5.15E-17	6.44E-17	0.12	(-0.01,0.25)	6.18E-02	7.04E-02
463	PI(34:0)	-3.14	(-3.25,-3.02)	8.72E-183	4.19E-181	-5.20	(-5.31,-5.09)	3.49E-294	2.66E-293	1.64	(1.48,1.8)	1.21E-54	2.20E-54	0.46	(0.33,0.59)	8.51E-12	2.28E-11
464	PI(34:1)	-1.65	(-1.73,-1.58)	4.07E-154	5.75E-153	-4.29	(-4.35,-4.23)	0.00E+00	0.00E+00	2.58	(2.5,2.66)	2.55E-148	3.23E-147	0.08	(0,0.17)	5.67E-02	6.50E-02
465	PI(17:0_18:1)	-1.46	(-1.53,-1.39)	4.85E-144	5.54E-143	-4.11	(-4.18,-4.03)	0.00E+00	0.00E+00	2.63	(2.52,2.74)	4.63E-123	2.92E-122	0.10	(0.01,0.19)	2.31E-02	2.75E-02
466	PI(17:0_18:2)	-1.45	(-1.52,-1.38)	3.58E-143	4.00E-142	-4.27	(-4.36,-4.19)	2.73E-300	2.52E-299	2.65	(2.51,2.79)	3.96E-101	1.53E-100	0.23	(0.14,0.33)	1.18E-06	2.04E-06
467	PI(18:0_18:1)	-1.70	(-1.77,-1.62)	3.29E-157	5.26E-156	-5.98	(-6.04,-5.91)	0.00E+00	0.00E+00	4.17	(4.08,4.26)	3.36E-187	2.02E-185	0.16	(0.07,0.25)	9.65E-04	1.30E-03
468	PI(36:2)	-1.43	(-1.48,-1.37)	3.39E-171	9.03E-170	-5.15	(-5.21,-5.1)	0.00E+00	0.00E+00	3.61	(3.54,3.68)	2.26E-193	2.72E-191	0.13	(0.06,0.2)	1.70E-04	2.45E-04
469	PI(18:1_18:2)	-1.18	(-1.25,-1.12)	3.68E-127	2.87E-126	-2.96	(-3.01,-2.9)	0.00E+00	0.00E+00	1.74	(1.66,1.82)	1.37E-111	6.52E-111	0.03	(-0.06,0.12)	4.74E-01	5.01E-01
470	PI(16:0_20:3) (a)	-1.43	(-1.5,-1.36)	1.50E-133	1.31E-132	-1.96	(-2.01,-1.9)	2.67E-242	8.39E-242	0.70	(0.63,0.78)	1.61E-49	2.80E-49	-0.19	(-0.27,-0.11)	8.10E-06	1.30E-05
471	PI(16:0_20:3) (b)	-1.09	(-1.17,-1.01)	7.08E-89	2.31E-88	-0.75	(-0.84,-0.66)	4.59E-50	5.27E-50	-0.09	(-0.19,0.01)	7.36E-02	7.60E-02	-0.18	(-0.27,-0.09)	6.33E-05	9.37E-05
472	PI(16:0_20:4)	-1.06	(-1.12,-0.99)	2.63E-110	1.47E-109	-1.09	(-1.15,-1.04)	5.57E-152	8.27E-152	0.03	(-0.05,0.1)	5.05E-01	5.09E-01	-0.02	(-0.09,0.06)	6.35E-01	6.54E-01
473	PI(18:0_20:2)	-1.67	(-1.74,-1.61)	1.81E-161	3.35E-160	-3.33	(-3.42,-3.25)	1.13E-261	4.23E-261	1.53	(1.42,1.63)	3.18E-79	8.26E-79	0.14	(0.05,0.22)	1.44E-03	1.90E-03
474	PI(18:0_20:3) (a)	-0.52	(-0.56,-0.47)	3.13E-75	8.17E-75	-1.46	(-1.5,-1.42)	7.88E-228	2.03E-227	0.79	(0.73,0.85)	1.81E-69	3.91E-69	0.13	(0.07,0.19)	4.46E-05	6.71E-05
475	PI(18:0_20:4)	-0.48	(-0.53,-0.44)	1.32E-69	3.12E-69	-1.41	(-1.46,-1.37)	5.39E-223	1.28E-222	0.77	(0.7,0.83)	4.73E-64	9.39E-64	0.15	(0.09,0.21)	1.86E-06	3.16E-06
476	PI(38:5) (a)	-0.86	(-0.92,-0.8)	2.64E-99	1.11E-98	-0.66	(-0.72,-0.61)	1.44E-77	1.70E-77	-0.22	(-0.3,-0.14)	2.67E-07	3.00E-07	0.02	(-0.05,0.09)	5.65E-01	5.90E-01
477	PI(38:6)	-1.36	(-1.42,-1.29)	4.66E-146	5.59E-145	-1.79	(-1.84,-1.73)	5.06E-235	1.41E-234	0.47	(0.39,0.54)	7.90E-29	1.12E-28	-0.10	(-0.18,-0.02)	1.04E-02	1.29E-02
478	PI(18:0_22:4)	-1.24	(-1.3,-1.18)	1.08E-133	9.62E-133	-1.83	(-1.89,-1.77)	6.13E-214	1.33E-213	0.59	(0.5,0.67)	1.12E-31	1.63E-31	-0.02	(-0.09,0.05)	5.92E-01	6.15E-01
479	PI(18:0_22:5) (n3)	-0.49	(-0.55,-0.43)	6.84E-42	1.15E-41	-2.63	(-2.69,-2.57)	1.69E-283	9.45E-283	1.86	(1.77,1.95)	3.94E-111	1.84E-110	0.26	(0.18,0.34)	4.18E-10	9.64E-10
480	PI(18:0_22:6)	-1.31	(-1.37,-1.25)	1.88E-147	2.37E-146	-2.50	(-2.55,-2.45)	0.00E+00	0.00E+00	1.18	(1.1,1.25)	1.45E-82	3.98E-82	0.02	(-0.05,0.1)	5.51E-01	5.79E-01

Table S2A. Association of lipid classes with BMI or BW in four sample groups (antenatal, postnatal, cord blood and 6-year-old child) in terms of levels. Related to Figure 2.

Lipid Class	ppBMI (antenatal) adjusted for ethnicity, maternal age, maternal education level and gestational weight gain at 26-28 weeks of gestation				Adult BMI (postnatal) adjusted for ethnicity, maternal age and maternal education level				Birth Weight (cord blood) adjusted for sex, ethnicity, maternal age, maternal education level, pre-pregnancy BMI, total gestational weight gain, gestational age and parity				Child BMI (6-year-old) adjusted for sex, ethnicity and maternal education level			
	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)
AC	0.81	(0.18-1.44)	1.13E-02	1.76E-02	-0.24	(-0.72-0.25)	3.38E-01	3.84E-01	-0.62	(-1.14--0.06)	3.00E-02	6.26E-02	-1.00	(-2.51-0.54)	2.00E-01	3.84E-01
CE	-0.93	(-1.26--0.6)	4.94E-08	2.29E-07	-0.43	(-0.71--0.14)	3.26E-03	4.80E-03	-0.30	(-0.74-0.17)	2.06E-01	2.86E-01	0.54	(-0.38-1.47)	2.50E-01	4.47E-01
DG	1.12	(0.48-1.76)	5.79E-04	1.45E-03	3.05	(2.26-3.85)	8.01E-14	1.00E-12	-2.21	(-2.77--1.61)	9.98E-11	4.99E-10	2.83	(0.69-5.03)	9.66E-03	6.04E-02
TG	0.59	(0.15-1.04)	8.50E-03	1.63E-02	2.95	(2.24-3.66)	8.03E-16	2.01E-14	-3.26	(-3.92--2.53)	2.12E-13	1.76E-12	3.62	(1.61-5.67)	4.09E-04	1.02E-02
TG(O)	0.44	(-0.14-1.02)	1.35E-01	1.53E-01	2.88	(2.09-3.67)	1.48E-12	1.24E-11	-2.74	(-3.37--2.05)	9.36E-12	5.85E-11	3.05	(0.82-5.32)	7.22E-03	6.01E-02
dhCer	0.99	(0.41- 1.57)	7.81E-04	1.63E-03	1.42	(0.85- 1.99)	9.62E-07	2.67E-06	-0.32	(-0.95- 0.35)	3.35E-01	4.22E-01	0.80	(-0.77- 2.39)	3.18E-01	5.29E-01
Cer	-0.56	(-0.99--0.13)	1.10E-02	1.76E-02	0.22	(-0.22- 0.66)	3.19E-01	3.80E-01	-0.41	(-0.95- 0.16)	1.54E-01	2.57E-01	0.41	(-0.83- 1.68)	5.16E-01	6.79E-01
DeoxyCer	0.31	(-0.43-1.05)	4.14E-01	4.50E-01	2.50	(1.79-3.21)	5.39E-12	3.37E-11	-2.12	(-2.66--1.54)	1.22E-10	5.10E-10	1.65	(-0.04-3.36)	5.57E-02	1.76E-01
GM3	-1.98	(-2.5--1.47)	1.59E-13	1.98E-12	-0.89	(-1.36--0.42)	2.46E-04	4.38E-04	-0.34	(-1.01-0.37)	3.37E-01	4.22E-01	-1.46	(-2.71--0.19)	2.41E-02	1.20E-01
HexCer	-1.86	(-2.32--1.4)	1.61E-14	4.03E-13	-0.90	(-1.35--0.45)	9.66E-05	2.01E-04	0.19	(-0.53-0.97)	6.16E-01	7.33E-01	-1.81	(-3.09--0.5)	6.98E-03	6.01E-02
Hex2Cer	-1.53	(-2.04--1.02)	6.86E-09	4.29E-08	-1.16	(-1.67--0.64)	1.49E-05	3.72E-05	-0.46	(-1.12-0.25)	1.95E-01	2.86E-01	-1.46	(-3.09-0.21)	8.61E-02	2.39E-01
Hex3Cer	-1.17	(-1.58--0.75)	5.51E-08	2.29E-07	-1.34	(-1.74--0.94)	1.52E-10	7.60E-10	-0.44	(-1.02-0.19)	1.65E-01	2.57E-01	-1.20	(-2.32--0.07)	3.69E-02	1.54E-01
SM	-1.04	(-1.49--0.58)	1.18E-05	3.70E-05	-0.32	(-0.75-0.13)	1.60E-01	2.00E-01	-0.10	(-0.63-0.46)	7.17E-01	7.79E-01	-0.58	(-1.78-0.65)	3.53E-01	5.51E-01
LPC	0.07	(-0.4-0.55)	7.62E-01	7.62E-01	-0.91	(-1.38--0.45)	1.28E-04	2.45E-04	2.25	(1.73-2.79)	8.80E-19	1.10E-17	0.24	(-1.48-1.98)	7.88E-01	8.56E-01
LPC(O)	-0.87	(-1.26--0.47)	1.96E-05	5.44E-05	-1.15	(-1.56--0.74)	6.12E-08	2.55E-07	1.31	(0.86-1.77)	2.73E-09	8.53E-09	-0.45	(-2.04-1.17)	5.83E-01	6.94E-01
LPC(P)	0.40	(-0.04-0.83)	7.32E-02	9.64E-02	-0.92	(-1.36--0.48)	4.97E-05	1.13E-04	1.47	(1-1.96)	1.85E-10	6.62E-10	-0.14	(-1.84-1.59)	8.71E-01	8.77E-01
LPE	-0.37	(-0.81-0.07)	1.01E-01	1.20E-01	-0.79	(-1.28--0.31)	1.45E-03	2.26E-03	2.55	(1.99-3.13)	4.07E-21	1.02E-19	-1.18	(-2.61-0.27)	1.09E-01	2.74E-01
PC	-0.62	(-0.98--0.26)	7.21E-04	1.63E-03	-0.08	(-0.49-0.33)	7.04E-01	7.33E-01	-0.53	(-1.03-0)	5.04E-02	9.01E-02	-0.34	(-1.52-0.85)	5.70E-01	6.94E-01
PC(O)	-0.61	(-1.09--0.14)	1.13E-02	1.76E-02	-0.71	(-1.18--0.23)	3.52E-03	4.88E-03	-0.11	(-0.68-0.49)	7.15E-01	7.79E-01	-0.23	(-1.57-1.12)	7.36E-01	8.36E-01
PC(P)	-0.49	(-1.03-0.05)	7.27E-02	9.64E-02	-1.25	(-1.74--0.76)	6.73E-07	2.10E-06	-0.92	(-1.45--0.35)	1.83E-03	5.07E-03	-0.61	(-2.02-0.81)	3.96E-01	5.82E-01
PE	0.15	(-0.5-0.8)	6.49E-01	6.76E-01	0.30	(-0.51-1.12)	4.64E-01	5.04E-01	-0.91	(-1.47--0.31)	3.63E-03	9.09E-03	0.18	(-2.07-2.48)	8.77E-01	8.77E-01
PE(O)	-1.47	(-2.09--0.85)	4.80E-06	1.72E-05	-1.22	(-1.87--0.57)	2.76E-04	4.60E-04	-0.06	(-0.65-0.58)	8.60E-01	8.96E-01	0.69	(-1.14-2.56)	4.60E-01	6.40E-01
PE(P)	-0.54	(-1.11-0.05)	7.07E-02	9.64E-02	-0.54	(-1.11-0.03)	6.24E-02	8.21E-02	-0.04	(-0.63-0.59)	9.00E-01	9.00E-01	1.24	(-0.35-2.85)	1.28E-01	2.90E-01
PG	-0.51	(-1.09-0.07)	8.44E-02	1.06E-01	2.08	(1.27-2.89)	4.82E-07	1.72E-06	-1.00	(-1.87--0.04)	4.14E-02	7.96E-02	2.23	(-0.06-4.58)	5.64E-02	1.76E-01
PI	-1.59	(-2.07--1.1)	2.95E-10	2.46E-09	-0.07	(-0.56-0.42)	7.73E-01	7.73E-01	-0.47	(-0.87--0.05)	2.97E-02	6.26E-02	-0.85	(-2.1-0.41)	1.85E-01	3.84E-01

330	PC(18:2_20:5)	-1.76	(-2.73--0.78)	4.83E-04	1.32E-03	-0.89	(-1.88-0.12)	8.29E-02	1.15E-01	-0.64	(-1.41-0.21)	1.36E-01	2.09E-01	2.51	(-0.16-5.25)	6.60E-02	1.52E-01
331	PC(16:1_22:6)	-1.64	(-2.33--0.96)	3.49E-06	1.54E-05	-0.66	(-1.32-0.01)	5.51E-02	7.89E-02	-1.04	(-1.56--0.48)	4.09E-04	1.06E-03	1.62	(-0.35-3.62)	1.08E-01	2.12E-01
332	PC(38:7)(c)	-1.58	(-2.17--0.99)	2.34E-07	1.32E-06	-0.64	(-1.21--0.06)	2.93E-02	4.47E-02	-0.88	(-1.37--0.37)	1.02E-03	2.45E-03	-0.03	(-1.69-1.66)	9.73E-01	9.88E-01
333	PC(39:5)(a)	-2.53	(-3.35--1.7)	4.56E-09	3.53E-08	-1.82	(-2.59--1.05)	4.96E-06	1.51E-05	-1.98	(-2.62--1.29)	2.49E-07	9.28E-07	-0.54	(-2.96-1.95)	6.68E-01	7.58E-01
334	PC(39:5)(b)	-2.31	(-3.04--1.58)	1.68E-09	1.56E-08	-0.86	(-1.58--0.13)	2.03E-02	3.21E-02	-1.95	(-2.55--1.29)	7.31E-08	2.90E-07	-0.94	(-3.24-1.42)	4.31E-01	5.75E-01
335	PC(15-MHDA_22:6)	-2.51	(-3.31--1.7)	2.77E-09	2.33E-08	-1.62	(-2.33--0.91)	1.10E-05	3.17E-05	-2.07	(-2.73--1.36)	1.67E-07	6.31E-07	-1.16	(-3.44-1.17)	3.25E-01	4.86E-01
336	PC(17:0_22:6)	-2.00	(-2.74--1.26)	1.87E-07	1.08E-06	-1.05	(-1.79--0.31)	5.44E-03	9.82E-03	-2.24	(-2.78--1.65)	1.65E-11	9.21E-11	-0.48	(-2.73-1.83)	6.82E-01	7.69E-01
337	PC(18:0_22:5) (n6)	-1.32	(-2.07--0.57)	6.32E-04	1.67E-03	1.17	(0.37-1.97)	3.94E-03	7.42E-03	-1.24	(-2.36-0.06)	6.01E-02	1.04E-01	2.25	(0.3-4.25)	2.39E-02	7.17E-02
338	PC(18:0_22:6)	-0.61	(-1.32-0.1)	9.21E-02	1.30E-01	1.19	(0.44-1.95)	1.98E-03	3.94E-03	-1.44	(-2.09--0.74)	1.21E-04	3.40E-04	3.01	(0.9-5.18)	5.22E-03	2.12E-02
339	PC(40:7) (a)	-1.36	(-1.99--0.73)	2.64E-05	9.76E-05	0.02	(-0.65-0.69)	9.56E-01	9.69E-01	0.94	(0-1.97)	4.91E-02	8.72E-02	1.35	(-0.64-3.39)	1.84E-01	3.18E-01
340	PC(18:1_22:6) (a)	-1.70	(-2.24--1.16)	1.69E-09	1.56E-08	-0.86	(-1.44--0.27)	4.10E-03	7.62E-03	-0.45	(-1.13-0.27)	2.15E-01	3.04E-01	-1.64	(-3.29-0.03)	5.37E-02	1.31E-01
341	PC(40:8)	-1.77	(-2.3--1.24)	1.86E-10	2.70E-09	-1.88	(-2.39--1.37)	2.15E-12	1.91E-11	0.83	(0.2-1.5)	9.19E-03	1.92E-02	-0.97	(-2.47-0.55)	2.09E-01	3.48E-01
342	PC(44:12)	-2.40	(-3.44--1.34)	1.14E-05	4.60E-05	-2.61	(-3.74--1.46)	1.06E-05	3.09E-05	-1.02	(-1.76--0.22)	1.39E-02	2.75E-02	-0.64	(-3.66-2.47)	6.82E-01	7.69E-01
343	PC(O-16:0/16:0)	-0.78	(-1.21--0.35)	3.82E-04	1.09E-03	-0.75	(-1.18--0.33)	5.02E-04	1.13E-03	0.45	(-0.19-1.14)	1.70E-01	2.52E-01	-1.08	(-2.23-0.07)	6.58E-02	1.52E-01
344	PC(O-32:1)	-1.01	(-1.56--0.45)	4.20E-04	1.18E-03	-0.53	(-1.07-0.02)	5.89E-02	8.34E-02	0.73	(0-1.52)	5.05E-02	8.95E-02	-0.34	(-1.82-1.16)	6.50E-01	7.50E-01
345	PC(O-34:1)	-0.84	(-1.27--0.41)	1.54E-04	4.84E-04	-1.21	(-1.62--0.79)	2.44E-08	1.08E-07	0.68	(0.02-1.38)	4.18E-02	7.52E-02	-2.24	(-3.3--1.18)	4.84E-05	7.04E-04
346	PC(O-34:2)	-2.02	(-2.62--1.41)	2.10E-10	2.80E-09	-1.75	(-2.35--1.15)	2.36E-08	1.05E-07	-0.06	(-0.77-0.69)	8.63E-01	9.01E-01	-1.81	(-3.58-0)	4.98E-02	1.24E-01
347	PC(O-34:4)	-0.88	(-1.84-0.1)	7.86E-02	1.13E-01	-0.61	(-1.64-0.42)	2.46E-01	3.02E-01	-0.01	(-0.7-0.73)	9.69E-01	9.77E-01	1.29	(-1.45-4.11)	3.58E-01	5.10E-01
348	PC(O-35:4)	-0.89	(-1.73--0.04)	4.09E-02	6.65E-02	-0.70	(-1.63-0.24)	1.44E-01	1.86E-01	-0.49	(-1.13-0.19)	1.52E-01	2.29E-01	0.45	(-2.21-3.19)	7.41E-01	8.21E-01
349	PC(O-36:0)	-1.30	(-1.8--0.81)	3.88E-07	2.12E-06	-0.84	(-1.33--0.35)	9.07E-04	1.95E-03	0.14	(-0.67-1.02)	7.52E-01	8.24E-01	-2.41	(-3.76--1.03)	6.74E-04	4.23E-03
350	PC(O-18:0/18:1)	-1.51	(-1.98--1.03)	1.00E-09	1.02E-08	-1.48	(-1.92--1.04)	1.07E-10	6.87E-10	1.31	(0.62-2.05)	1.35E-04	3.71E-04	-3.04	(-4.22--1.85)	1.05E-06	3.88E-05
351	PC(O-18:1/18:1)	-1.20	(-1.66--0.74)	4.16E-07	2.24E-06	-1.71	(-2.13--1.29)	1.10E-14	1.42E-13	0.71	(0.11-1.35)	2.01E-02	3.86E-02	-1.86	(-2.95--0.75)	1.12E-03	6.20E-03
352	PC(O-18:0/18:2)	-2.36	(-2.92--1.79)	3.60E-15	1.73E-13	-1.89	(-2.38--1.39)	4.43E-13	4.43E-12	0.44	(-0.18-1.11)	1.67E-01	2.51E-01	-2.63	(-4.12--1.12)	7.48E-04	4.54E-03
353	PC(O-18:1/18:2)	-1.41	(-1.96--0.86)	7.43E-07	3.71E-06	-1.34	(-1.85--0.82)	6.84E-07	2.35E-06	-0.06	(-0.7-0.63)	8.59E-01	9.01E-01	-1.45	(-2.94-0.06)	5.92E-02	1.43E-01
354	PC(O-16:0/20:3)	-0.51	(-1.03-0.02)	6.07E-02	9.23E-02	0.21	(-0.32-0.76)	4.34E-01	4.92E-01	0.39	(-0.29-1.12)	2.68E-01	3.62E-01	0.94	(-0.55-2.45)	2.17E-01	3.61E-01
355	PC(O-16:0/20:4)	-0.15	(-0.68-0.38)	5.74E-01	6.26E-01	-0.43	(-0.95-0.09)	1.04E-01	1.39E-01	-0.15	(-0.73-0.46)	6.14E-01	6.98E-01	0.53	(-0.97-2.05)	4.89E-01	6.31E-01
356	PC(O-36:5)	-1.11	(-2.09--0.12)	2.87E-02	4.82E-02	-0.38	(-1.4-0.66)	4.72E-01	5.31E-01	-1.06	(-1.73--0.34)	4.52E-03	9.91E-03	2.54	(-0.25-5.41)	7.43E-02	1.63E-01
357	PC(O-18:0/20:4)	-0.40	(-0.91-0.12)	1.28E-01	1.76E-01	-0.72	(-1.18--0.24)	3.06E-03	5.83E-03	-0.31	(-0.85-0.26)	2.75E-01	3.66E-01	-1.33	(-2.77-0.14)	7.48E-02	1.63E-01
358	PC(O-38:5)	-0.01	(-0.47-0.46)	9.81E-01	9.83E-01	-0.63	(-1.12--0.13)	1.31E-02	2.16E-02	-0.16	(-0.83-0.55)	6.44E-01	7.28E-01	0.05	(-1.34-1.45)	9.46E-01	9.76E-01
359	PC(O-16:0/22:6)	-0.23	(-0.91-0.45)	5.00E-01	5.53E-01	-0.30	(-1-0.4)	3.99E-01	4.55E-01	-0.81	(-1.4--0.17)	1.38E-02	2.75E-02	1.12	(-0.78-3.07)	2.49E-01	4.02E-01
360	PC(O-40:5)	-0.80	(-1.3--0.3)	1.67E-03	3.98E-03	-0.88	(-1.34--0.42)	1.90E-04	4.60E-04	-0.16	(-0.68-0.39)	5.65E-01	6.53E-01	-0.79	(-2.12-0.56)	2.48E-01	4.01E-01
361	PC(O-18:0/22:6)	-0.69	(-1.25--0.12)	1.77E-02	3.15E-02	-1.09	(-1.63--0.55)	9.15E-05	2.31E-04	-0.93	(-1.43--0.39)	9.93E-04	2.41E-03	-1.23	(-2.72-0.29)	1.11E-01	2.14E-01
362	PC(O-40:7) (a)	-0.06	(-0.71-0.59)	8.54E-01	8.76E-01	-0.80	(-1.41--0.18)	1.10E-02	1.83E-02	-0.71	(-1.28--0.11)	2.17E-02	4.11E-02	-0.07	(-1.89-1.79)	9.42E-01	9.74E-01
363	PC(P-16:0/14:0)	-1.27	(-1.86--0.68)	2.71E-05	9.86E-05	-1.18	(-1.79--0.56)	1.98E-04	4.77E-04	-0.35	(-1.06-0.41)	3.52E-01	4.52E-01	-0.01	(-1.86-1.89)	9.95E-01	9.99E-01
364	PC(P-16:0/16:0)	-0.71	(-1.21--0.2)	6.69E-03	1.37E-02	-1.03	(-1.54--0.53)	6.60E-05	1.72E-04	-0.52	(-1.15-0.16)	1.33E-01	2.06E-01	-1.25	(-2.56-0.08)	6.48E-02	1.50E-01
365	PC(P-16:0/16:1)	-0.71	(-1.31--0.11)	2.01E-02	3.52E-02	-0.83	(-1.39--0.26)	4.66E-03	8.63E-03	-0.04	(-0.71-0.69)	9.17E-01	9.36E-01	0.80	(-0.71-2.32)	3.00E-01	4.58E-01
366	PC(P-16:0/18:0)	-1.20	(-1.59--0.81)	3.58E-09	2.91E-08	-1.47	(-1.84--1.09)	1.05E-13	1.20E-12	-0.24	(-0.76-0.32)	4.00E-01	5.02E-01	-2.11	(-3.09--1.13)	3.73E-05	5.60E-04
367	PC(P-16:0/18:1)	-1.21	(-1.75--0.67)	1.36E-05	5.30E-05	-2.19	(-2.7--1.69)	2.94E-16	6.14E-15	-0.28	(-0.86-0.34)	3.73E-01	4.73E-01	-1.99	(-3.17--0.79)	1.27E-03	6.69E-03
368	PC(P-16:0/18:2)	-1.10	(-1.68--0.5)	3.02E-04	8.73E-04	-2.03	(-2.57--1.48)	1.39E-12	1.28E-11	-1.30	(-1.9--0.66)	1.43E-04	3.91E-04	-1.51	(-3.09-0.09)	6.46E-02	1.50E-01
369	PC(P-16:0/18:3)	-1.64	(-2.27--1.01)	5.09E-07	2.66E-06	-1.42	(-1.99--0.84)	2.28E-06	7.17E-06	-0.48	(-1.01-0.08)	9.39E-02	1.53E-01	-0.44	(-2.21-1.35)	6.24E-01	7.41E-01
370	PC(P-35:2) (a)	-2.26	(-3.13--1.39)	5.70E-07	2.91E-06	-1.87	(-2.71--1.02)	1.87E-05	5.25E-05	-0.45	(-1.13-0.28)	2.20E-01	3.08E-01	-2.39	(-4.91-0.2)	7.04E-02	1.58E-01
371	PC(P-35:2) (b)	-1.83	(-2.55--1.1)	1.07E-06	5.20E-06	-2.14	(-2.83--1.45)	2.27E-09	1.13E-08	-1.45	(-2.06--0.79)	3.89E-05	1.15E-04	-2.72	(-4.69--0.7)	8.59E-03	3.22E-02
372	PC(P-15:0/20:4) (b)	-0.66	(-1.34-0.01)	5.51E-02	8.45E-02	-0.44	(-1.19-0.32)	2.53E-01	3.07E-01	-0.76	(-1.47-0.01)	5.19E-02	9.09E-02	0.40	(-1.76-2.61)	7.16E-01	7.98E-01
373	PC(P-18:1/18:1)	-1.20	(-1.72--0.68)	7.54E-06	3.17E-05	-1.58	(-2.08--1.09)	7.85E-10	4.18E-09	1.22	(0.39-2.12)	3.50E-03	7.92E-03	-0.48	(-1.71-0.76)	4.45E-01	5.88E-01
374	PC(P-18:0/18:2)	-1.93	(-2.51--1.36)	1.35E-10	2.16E-09	-2.58	(-3.1--2.06)	1.54E-20	1.06E-18	-0.65	(-1.19--0.07)	2.78E-02	5.15E-02	-2.97	(-4.48--1.45)	1.69E-04	1.48E-03
375	PC(P-16:0/20:4)	0.43	(-0.18-1.05)	1.67E-01	2.22E-01	-0.65	(-1.18--0.11)	1.81E-02	2.88E-02	-1.10	(-1.65--0.5)	4.44E-04	1.14E-03	0.30	(-1.26-1.89)	7.03E-01	7.91E-01
376	PC(P-16:0/20:5)	-0.52	(-1.56-0.53)	3.29E-01	3.95E-01	-0.31	(-1.37-0.77)	5.75E-01	6.33E-01	-1.95	(-2.64--1.2)	2.21E-06	7.46E-06	3.00	(0.12-5.97)	4.13E-02	1.10E-01
377	PC(P-17:0/20:4) (a)	-1.01	(-1.8--0.22)	1.29E-02	2.38E-02	-0.63	(-1.41-0.16)	1.19E-01	1.57E-01	-1.57	(-2.22--0.86)	3.59E-05	1.08E-04	-0.85	(-3.43-1.79)	5.22E-01	6.50E-01

378	PC(P-17:0/20:4) (b)	-0.32	(-1.05-0.42)	3.96E-01	4.59E-01	-1.00	(-1.68--0.31)	4.69E-03	8.66E-03	-1.89	(-2.47--1.27)	4.13E-08	1.68E-07	-1.03	(-3.11-1.1)	3.39E-01	4.95E-01
379	PC(P-18:0/20:4)	-0.09	(-0.67-0.5)	7.64E-01	8.02E-01	-1.20	(-1.71--0.68)	7.83E-06	2.32E-05	-1.09	(-1.6--0.56)	1.16E-04	3.27E-04	-0.77	(-2.4-0.88)	3.56E-01	5.09E-01
380	PC(P-38:5) (a)	0.24	(-0.36-0.84)	4.31E-01	4.89E-01	-0.55	(-1.09--0.01)	4.46E-02	6.57E-02	-1.21	(-1.75--0.63)	8.09E-05	2.33E-04	0.72	(-0.88-2.35)	3.77E-01	5.29E-01
381	PC(P-38:5) (b)	-0.85	(-1.43--0.27)	4.44E-03	9.70E-03	-1.10	(-1.67--0.53)	1.76E-04	4.33E-04	-0.87	(-1.5--0.2)	1.16E-02	2.34E-02	-0.41	(-2.09-1.31)	6.40E-01	7.45E-01
382	PC(P-16:0/22:6)	-0.29	(-1.01-0.43)	4.26E-01	4.86E-01	-0.95	(-1.62--0.28)	5.79E-03	1.03E-02	-1.52	(-2.09--0.91)	3.95E-06	1.31E-05	0.28	(-1.67-2.27)	7.79E-01	8.55E-01
383	PC(P-20:0/20:4)	-0.43	(-1.04-0.17)	1.58E-01	2.12E-01	-1.30	(-1.83--0.77)	1.74E-06	5.57E-06	-0.86	(-1.45--0.23)	7.93E-03	1.68E-02	-1.69	(-3.16--0.2)	2.69E-02	7.82E-02
384	PC(P-40:5) (b)	-0.80	(-1.37--0.24)	5.56E-03	1.18E-02	-1.41	(-1.93--0.9)	1.16E-07	4.47E-07	-0.80	(-1.31--0.26)	4.26E-03	9.37E-03	-1.36	(-2.75-0.05)	5.94E-02	1.43E-01
385	PC(P-18:0/22:6)	-0.68	(-1.37-0)	5.13E-02	7.95E-02	-2.07	(-2.72--1.42)	9.79E-10	5.11E-09	-1.57	(-2.08--1.02)	1.26E-07	4.78E-07	-1.63	(-3.5-0.27)	9.23E-02	1.88E-01
386	PE(16:0_16:1)	-0.54	(-1.69-0.63)	3.62E-01	4.26E-01	3.03	(1.74-4.33)	3.84E-06	1.18E-05	0.44	(-0.57-1.57)	4.07E-01	5.08E-01	4.35	(0.88-7.95)	1.38E-02	4.78E-02
387	PE(16:0_18:1)	-0.10	(-0.87-0.67)	7.94E-01	8.25E-01	1.21	(0.29-2.14)	1.01E-02	1.71E-02	-0.60	(-1.29-0.14)	1.11E-01	1.76E-01	0.32	(-2.24-2.94)	8.11E-01	8.80E-01
388	PE(16:0_18:2)	-0.32	(-1.18-0.55)	4.71E-01	5.29E-01	0.55	(-0.44-1.56)	2.76E-01	3.31E-01	-0.68	(-1.39-0.1)	8.58E-02	1.42E-01	-0.95	(-3.68-1.86)	5.03E-01	6.36E-01
389	PE(16:1_18:2)	-0.95	(-1.96-0.08)	6.93E-02	1.01E-01	0.53	(-0.35-1.43)	2.39E-01	2.94E-01	0.38	(-0.4-1.22)	3.50E-01	4.50E-01	0.00	(-2.28-2.33)	1.00E+00	1.00E+00
390	PE(16:0_18:3) (a)	-1.62	(-2.53--0.69)	6.80E-04	1.77E-03	0.67	(-0.33-1.68)	1.90E-01	2.42E-01	0.07	(-0.71-0.9)	8.73E-01	9.06E-01	-0.67	(-3.48-2.22)	6.45E-01	7.48E-01
391	PE(16:0_18:3) (b)	-0.42	(-1.33-0.49)	3.65E-01	4.27E-01	1.99	(0.89-3.11)	3.82E-04	8.81E-04	0.56	(-0.31-1.5)	2.15E-01	3.04E-01	1.71	(-1.39-4.9)	2.82E-01	4.41E-01
392	PE(17:0_18:2)	-1.21	(-1.9--0.52)	6.65E-04	1.74E-03	0.07	(-0.73-0.89)	8.59E-01	8.83E-01	-0.85	(-1.35--0.31)	2.33E-03	5.41E-03	-1.18	(-3.43-1.13)	3.14E-01	4.72E-01
393	PE(18:0_18:1)	0.43	(-0.21-1.08)	1.90E-01	2.46E-01	1.56	(0.67-2.45)	5.73E-04	1.26E-03	-0.09	(-0.87-0.75)	8.21E-01	8.74E-01	2.66	(0.19-5.19)	3.45E-02	9.47E-02
394	PE(18:1_18:1)	-0.40	(-1.06-0.27)	2.42E-01	3.03E-01	0.28	(-0.49-1.05)	4.78E-01	5.36E-01	-0.01	(-1.07-1.17)	9.83E-01	9.83E-01	0.26	(-2.06-2.63)	8.29E-01	8.96E-01
395	PE(18:0_18:2)	0.50	(-0.21-1.22)	1.70E-01	2.25E-01	1.26	(0.38-2.15)	5.10E-03	9.24E-03	-0.50	(-1.17-0.22)	1.68E-01	2.51E-01	1.32	(-1.13-3.82)	2.93E-01	4.50E-01
396	PE(18:1_18:2)	-0.77	(-1.58-0.04)	6.38E-02	9.54E-02	-0.81	(-1.77-0.15)	9.83E-02	1.33E-01	-0.26	(-1.01-0.56)	5.29E-01	6.21E-01	-2.14	(-4.71-0.49)	1.10E-01	2.14E-01
397	PE(16:0_20:3)	-0.37	(-1.21-0.47)	3.85E-01	4.48E-01	0.97	(-0.01-1.97)	5.21E-02	7.54E-02	-0.31	(-1.06-0.5)	4.42E-01	5.42E-01	-0.12	(-2.72-2.55)	9.29E-01	9.67E-01
398	PE(16:0_20:4)	0.75	(0.01-1.5)	4.65E-02	7.31E-02	-0.44	(-1.27-0.4)	3.04E-01	3.60E-01	-0.34	(-0.96-0.33)	3.14E-01	4.11E-01	-1.51	(-3.89-0.92)	2.19E-01	3.63E-01
399	PE(16:1_20:4)	-0.18	(-1.08-0.73)	6.98E-01	7.41E-01	-0.08	(-0.84-0.69)	8.40E-01	8.71E-01	0.73	(-0.09-1.62)	8.04E-02	1.34E-01	1.01	(-1.06-3.12)	3.42E-01	4.98E-01
400	PE(16:0_20:5)	-0.47	(-1.52-0.58)	3.80E-01	4.43E-01	0.27	(-0.78-1.33)	6.16E-01	6.70E-01	-0.82	(-1.58-0.01)	5.18E-02	9.09E-02	1.62	(-1.04-4.36)	2.34E-01	3.82E-01
401	PE(17:0_20:4)	-0.03	(-0.7-0.65)	9.34E-01	9.46E-01	-0.05	(-0.82-0.72)	8.96E-01	9.17E-01	-1.71	(-2.3--1.07)	8.04E-07	2.86E-06	-1.45	(-3.59-0.74)	1.91E-01	3.24E-01
402	PE(18:0_20:3) (a)	1.68	(0.87-2.5)	4.94E-05	1.72E-04	2.90	(1.96-3.84)	1.44E-09	7.41E-09	-0.61	(-1.25-0.09)	8.50E-02	1.41E-01	3.60	(1.22-6.04)	3.02E-03	1.41E-02
403	PE(18:0_20:4)	2.04	(1.41-2.67)	2.05E-10	2.80E-09	0.25	(-0.47-0.96)	5.01E-01	5.59E-01	-0.70	(-1.29--0.07)	3.03E-02	5.55E-02	0.55	(-1.48-2.63)	5.96E-01	7.19E-01
404	PE(38:5) (a)	0.01	(-0.72-0.75)	9.72E-01	9.76E-01	-0.72	(-1.56-0.13)	9.55E-02	1.30E-01	-0.63	(-1.26-0.04)	6.53E-02	1.12E-01	-1.61	(-3.89-0.73)	1.76E-01	3.07E-01
405	PE(38:5) (b)	-0.87	(-1.73--0.01)	4.69E-02	7.36E-02	0.00	(-0.94-0.95)	9.99E-01	9.99E-01	0.39	(-0.63-1.53)	4.68E-01	5.68E-01	0.76	(-2.02-3.62)	5.95E-01	7.19E-01
406	PE(16:0_22:6)	0.00	(-0.73-0.74)	9.96E-01	9.96E-01	-0.56	(-1.51-0.4)	2.52E-01	3.06E-01	-1.58	(-2.23--0.88)	2.50E-05	7.75E-05	-0.46	(-3.22-2.37)	7.47E-01	8.26E-01
407	PE(17:0_22:6)	-0.21	(-0.95-0.55)	5.87E-01	6.38E-01	-0.18	(-0.98-0.62)	6.55E-01	7.03E-01	-1.52	(-2.1--0.89)	7.66E-06	2.47E-05	-0.10	(-2.25-2.09)	9.25E-01	9.66E-01
408	PE(18:0_22:4)	0.52	(-0.35-1.4)	2.43E-01	3.03E-01	1.66	(0.84-2.48)	6.84E-05	1.77E-04	-0.22	(-1.01-0.65)	6.13E-01	6.98E-01	2.27	(0.13-4.45)	3.74E-02	1.00E-01
409	PE(18:0_22:5) (n3)	0.45	(-0.26-1.16)	2.14E-01	2.72E-01	1.79	(0.94-2.64)	3.74E-05	9.97E-05	-1.09	(-1.86--0.24)	1.27E-02	2.54E-02	2.54	(0.19-4.95)	3.42E-02	9.47E-02
410	PE(18:0_22:5) (n6)	0.40	(-0.53-1.33)	4.00E-01	4.62E-01	0.72	(-0.23-1.68)	1.39E-01	1.80E-01	-0.46	(-1.41-0.59)	3.78E-01	4.77E-01	2.62	(0.04-5.27)	4.66E-02	1.18E-01
411	PE(18:0_22:6)	1.34	(0.55-2.14)	8.34E-04	2.13E-03	1.67	(0.73-2.63)	5.37E-04	1.20E-03	-1.61	(-2.34--0.8)	2.02E-04	5.43E-04	3.81	(1.08-6.61)	6.06E-03	2.36E-02
412	PE(40:7)	-0.40	(-1.25-0.44)	3.48E-01	4.14E-01	-1.43	(-2.41--0.44)	4.72E-03	8.68E-03	-1.29	(-1.94--0.58)	5.38E-04	1.36E-03	-1.14	(-3.97-1.76)	4.36E-01	5.79E-01
413	PE(O-34:1)	-1.42	(-2--0.83)	2.58E-06	1.19E-05	-1.43	(-2.04--0.82)	6.33E-06	1.91E-05	0.33	(-0.78-1.57)	5.73E-01	6.59E-01	-1.48	(-3.2-0.26)	9.51E-02	1.93E-01
414	PE(O-16:0/18:2)	-2.74	(-3.5--1.96)	1.39E-11	2.79E-10	-2.48	(-3.27--1.68)	2.70E-09	1.32E-08	-0.23	(-2-1.95)	8.24E-01	8.75E-01	-0.34	(-2.54-1.91)	7.64E-01	8.42E-01
415	PE(O-18:1/18:2)	-1.56	(-2.3--0.82)	4.20E-05	1.47E-04	-1.10	(-1.81--0.38)	2.71E-03	5.25E-03	0.06	(-0.88-1.09)	9.08E-01	9.31E-01	-0.25	(-2.27-1.81)	8.10E-01	8.80E-01
416	PE(O-16:0/20:4)	-1.39	(-2.12--0.65)	2.38E-04	7.02E-04	-1.38	(-2.13--0.61)	4.51E-04	1.03E-03	-0.81	(-1.62-0.07)	6.94E-02	1.18E-01	1.19	(-0.97-3.4)	2.82E-01	4.41E-01
417	PE(O-36:5)	-2.34	(-3.42--1.25)	3.37E-05	1.20E-04	-1.17	(-2.3--0.03)	4.50E-02	6.59E-02	-0.42	(-1.08-0.29)	2.38E-01	3.31E-01	2.28	(-0.48-5.12)	1.06E-01	2.10E-01
418	PE(O-16:0/22:4)	-0.63	(-1.21--0.05)	3.37E-02	5.62E-02	-0.79	(-1.37--0.22)	7.21E-03	1.26E-02	0.56	(-0.18-1.36)	1.43E-01	2.19E-01	0.37	(-1.29-2.06)	6.60E-01	7.54E-01
419	PE(O-18:0/20:4)	-1.81	(-2.63--0.99)	2.02E-05	7.69E-05	-1.76	(-2.55--0.97)	1.81E-05	5.11E-05	-0.17	(-0.95-0.69)	6.94E-01	7.73E-01	0.60	(-1.82-3.08)	6.30E-01	7.41E-01
420	PE(O-38:5) (a)	-1.44	(-2.16--0.71)	1.14E-04	3.65E-04	-0.89	(-1.6--0.18)	1.37E-02	2.25E-02	-0.10	(-0.78-0.64)	7.90E-01	8.51E-01	1.52	(-0.73-3.83)	1.86E-01	3.18E-01
421	PE(O-38:5) (b)	-1.98	(-2.64--1.31)	9.88E-09	6.87E-08	-1.06	(-1.81--0.29)	6.73E-03	1.19E-02	0.16	(-0.75-1.17)	7.38E-01	8.15E-01	0.24	(-1.68-2.19)	8.07E-01	8.80E-01
422	PE(O-16:0/22:6)	-1.03	(-1.66--0.4)	1.52E-03	3.67E-03	-0.83	(-1.53--0.13)	2.05E-02	3.21E-02	0.55	(-0.23-1.38)	1.70E-01	2.52E-01	0.77	(-1.03-2.6)	4.02E-01	5.53E-01
423	PE(O-18:0/22:6)	-1.54	(-2.14--0.93)	1.02E-06	5.01E-06	-1.41	(-2.04--0.77)	1.78E-05	5.04E-05	0.01	(-0.62-0.68)	9.77E-01	9.79E-01	-0.02	(-1.8-1.8)	9.85E-01	9.93E-01
424	PE(O-18:1/22:6)	-1.16	(-1.76--0.56)	1.73E-04	5.35E-04	-1.29	(-1.9--0.67)	5.13E-05	1.35E-04	0.08	(-0.49-0.68)	7.96E-01	8.54E-01	0.41	(-1.42-2.28)	6.60E-01	7.54E-01
425	PE(P-16:0/18:1)	-1.04	(-1.56--0.52)	1.03E-04	3.35E-04	-0.62	(-1.13--0.11)	1.76E-02	2.81E-02	1.69	(0.98-2.44)	1.11E-06	3.90E-06	-0.19	(-1.6-1.25)	7.98E-01	8.73E-01

426	PE(P-16:0/18:2)	-1.53	(-2.2--0.85)	1.07E-05	4.41E-05	-0.73	(-1.4--0.05)	3.44E-02	5.14E-02	0.14	(-0.73-1.1)	7.59E-01	8.29E-01	0.55	(-1.4-2.55)	5.80E-01	7.05E-01
427	PE(P-16:0/20:3)	-0.36	(-1.08-0.37)	3.33E-01	3.97E-01	1.10	(0.38-1.82)	2.78E-03	5.35E-03	0.18	(-0.65-1.09)	6.78E-01	7.58E-01	4.14	(2.26-6.06)	1.60E-05	3.36E-04
428	PE(P-16:0/20:4)	0.15	(-0.58-0.88)	6.90E-01	7.36E-01	0.18	(-0.55-0.9)	6.32E-01	6.83E-01	-0.23	(-0.99-0.59)	5.66E-01	6.53E-01	3.45	(1.36-5.57)	1.16E-03	6.34E-03
429	PE(P-16:0/20:5)	-1.00	(-2.32-0.34)	1.42E-01	1.93E-01	0.17	(-1.12-1.48)	7.96E-01	8.34E-01	-0.81	(-2.51-1.27)	4.15E-01	5.15E-01	4.78	(1.15-8.54)	9.55E-03	3.47E-02
430	PE(P-16:0/22:4)	0.38	(-0.18-0.94)	1.87E-01	2.43E-01	-0.41	(-0.96-0.13)	1.38E-01	1.79E-01	0.23	(-0.47-0.98)	5.32E-01	6.23E-01	-0.44	(-1.83-0.97)	5.37E-01	6.65E-01
431	PE(P-16:0/22:5) (n3)	-0.62	(-1.21--0.02)	4.12E-02	6.65E-02	0.30	(-0.26-0.87)	2.97E-01	3.54E-01	-0.48	(-1.19-0.28)	2.09E-01	2.98E-01	1.24	(-0.52-3.03)	1.69E-01	3.02E-01
432	PE(P-16:0/22:5) (n6)	-0.76	(-1.4--0.12)	2.07E-02	3.60E-02	-0.37	(-0.95-0.22)	2.21E-01	2.77E-01	0.91	(0.1-1.79)	2.66E-02	4.98E-02	0.45	(-1.46-2.39)	6.48E-01	7.49E-01
433	PE(P-16:0/22:6)	0.09	(-0.49-0.67)	7.67E-01	8.02E-01	-0.02	(-0.62-0.58)	9.45E-01	9.61E-01	0.17	(-0.5-0.88)	6.33E-01	7.19E-01	1.74	(0.13-3.38)	3.45E-02	9.47E-02
434	PE(P-17:0/20:4) (a)	-0.28	(-1.14-0.59)	5.22E-01	5.75E-01	-0.20	(-1.09-0.7)	6.62E-01	7.10E-01	-0.39	(-0.98-0.23)	2.11E-01	2.99E-01	1.34	(-1-3.73)	2.64E-01	4.21E-01
435	PE(P-17:0/20:4) (b)	-0.21	(-1.01-0.6)	6.15E-01	6.63E-01	-0.27	(-1.05-0.52)	5.04E-01	5.62E-01	-0.96	(-1.57--0.3)	4.73E-03	1.03E-02	1.16	(-0.96-3.33)	2.86E-01	4.45E-01
436	PE(P-17:0/22:6) (a)	-1.24	(-2.03--0.44)	2.33E-03	5.35E-03	-0.51	(-1.32-0.31)	2.22E-01	2.77E-01	-0.27	(-1.02-0.55)	5.11E-01	6.02E-01	0.05	(-2.29-2.45)	9.65E-01	9.85E-01
437	PE(P-17:0/22:6) (b)	-0.75	(-1.46--0.03)	4.23E-02	6.81E-02	-0.90	(-1.67--0.13)	2.28E-02	3.55E-02	-0.44	(-1.11-0.27)	2.18E-01	3.06E-01	-0.50	(-2.48-1.53)	6.27E-01	7.41E-01
438	PE(P-18:0/18:1)	-1.25	(-1.84--0.66)	3.98E-05	1.40E-04	-1.01	(-1.6--0.41)	9.72E-04	2.07E-03	1.01	(0.24-1.85)	9.34E-03	1.94E-02	-0.71	(-2.29-0.88)	3.78E-01	5.29E-01
439	PE(P-18:0/18:2)	-1.83	(-2.48--1.19)	4.04E-08	2.66E-07	-1.53	(-2.15--0.91)	1.62E-06	5.22E-06	-0.15	(-1-0.78)	7.43E-01	8.16E-01	-0.69	(-2.59-1.24)	4.78E-01	6.22E-01
440	PE(P-18:0/20:3)	-0.92	(-1.55--0.28)	4.71E-03	1.01E-02	-0.15	(-0.76-0.46)	6.31E-01	6.83E-01	-0.34	(-0.91-0.26)	2.56E-01	3.51E-01	2.28	(0.68-3.89)	5.08E-03	2.10E-02
441	PE(P-18:0/20:4)	-0.19	(-0.95-0.58)	6.33E-01	6.81E-01	-0.83	(-1.51--0.15)	1.66E-02	2.68E-02	-0.65	(-1.33-0.08)	7.77E-02	1.30E-01	1.63	(-0.45-3.75)	1.24E-01	2.33E-01
442	PE(P-18:0/20:5)	-1.63	(-2.99--0.26)	2.00E-02	3.52E-02	-0.80	(-2.1-0.52)	2.34E-01	2.91E-01	-1.97	(-3.3--0.38)	1.77E-02	3.42E-02	3.62	(0.14-7.22)	4.16E-02	1.10E-01
443	PE(P-18:0/22:4)	-0.72	(-1.31--0.13)	1.74E-02	3.11E-02	-0.98	(-1.57--0.38)	1.48E-03	3.02E-03	-0.28	(-1.04-0.54)	4.88E-01	5.80E-01	-1.74	(-3.12--0.34)	1.51E-02	5.03E-02
444	PE(P-18:0/22:5) (n3)	-0.81	(-1.4--0.21)	8.18E-03	1.61E-02	-0.47	(-1-0.07)	8.56E-02	1.17E-01	-0.41	(-1.01-0.23)	2.02E-01	2.89E-01	0.50	(-1.13-2.16)	5.49E-01	6.78E-01
445	PE(P-18:0/22:5) (n6)	-1.29	(-1.87--0.72)	1.35E-05	5.30E-05	-1.25	(-1.83--0.67)	3.16E-05	8.48E-05	0.36	(-0.27-1.04)	2.67E-01	3.62E-01	-0.44	(-2.36-1.51)	6.54E-01	7.51E-01
446	PE(P-18:0/22:6)	-0.79	(-1.43--0.14)	1.80E-02	3.18E-02	-1.21	(-1.87--0.55)	3.71E-04	8.65E-04	-0.06	(-0.69-0.62)	8.57E-01	9.01E-01	0.00	(-1.8-1.82)	9.98E-01	1.00E+00
447	PE(P-18:1/18:1)	-0.90	(-1.45--0.35)	1.43E-03	3.50E-03	-0.83	(-1.38--0.28)	3.06E-03	5.83E-03	0.36	(-0.26-1.02)	2.58E-01	3.53E-01	-0.47	(-1.9-0.98)	5.21E-01	6.50E-01
448	PE(P-18:1/18:2)	-1.86	(-2.56--1.16)	3.27E-07	1.80E-06	-1.22	(-1.9--0.53)	5.96E-04	1.30E-03	-0.63	(-1.73-0.61)	3.01E-01	3.97E-01	-0.76	(-2.77-1.29)	4.62E-01	6.05E-01
449	PE(P-18:1/20:4)	-0.06	(-0.81-0.71)	8.85E-01	9.02E-01	-0.43	(-1.13-0.27)	2.28E-01	2.83E-01	-0.55	(-1.23-0.19)	1.40E-01	2.14E-01	1.88	(-0.24-4.04)	8.28E-02	1.76E-01
450	PE(P-18:1/20:5)	-1.57	(-2.88--0.25)	2.01E-02	3.52E-02	-0.22	(-1.51-1.08)	7.37E-01	7.75E-01	-0.82	(-2.78-1.69)	4.88E-01	5.80E-01	3.76	(0.1-7.55)	4.42E-02	1.14E-01
451	PE(P-18:1/22:4)	-0.28	(-0.92-0.37)	4.02E-01	4.62E-01	-0.99	(-1.63--0.35)	2.44E-03	4.77E-03	0.33	(-0.55-1.3)	4.70E-01	5.68E-01	-1.15	(-2.57-0.28)	1.14E-01	2.16E-01
452	PE(P-18:1/22:5) (a)	-0.71	(-1.33--0.09)	2.54E-02	4.35E-02	-0.39	(-0.96-0.18)	1.83E-01	2.33E-01	-0.38	(-1-0.29)	2.55E-01	3.51E-01	0.91	(-0.84-2.69)	3.07E-01	4.66E-01
453	PE(P-18:1/22:6) (a)	-0.50	(-1.16-0.15)	1.32E-01	1.81E-01	-0.66	(-1.33-0.02)	5.55E-02	7.90E-02	-0.05	(-0.73-0.67)	8.79E-01	9.09E-01	0.85	(-1.04-2.77)	3.80E-01	5.29E-01
454	PE(P-20:0/18:1)	-1.27	(-1.89--0.65)	7.01E-05	2.35E-04	-1.14	(-1.71--0.57)	1.01E-04	2.52E-04	0.52	(-1.11-2.44)	5.56E-01	6.45E-01	-1.09	(-2.82-0.67)	2.22E-01	3.67E-01
455	PE(P-20:0/18:2)	-1.81	(-2.36--1.25)	3.40E-10	4.18E-09	-1.98	(-2.5--1.45)	1.04E-12	9.79E-12	-0.03	(-0.46-0.42)	9.01E-01	9.28E-01	-2.72	(-4.31--1.11)	1.09E-03	6.15E-03
456	PE(P-20:0/20:4)	-0.17	(-0.76-0.43)	5.85E-01	6.36E-01	-1.62	(-2.15--1.08)	6.16E-09	2.90E-08	-0.61	(-1.46-0.34)	2.00E-01	2.87E-01	-0.21	(-1.81-1.41)	7.97E-01	8.73E-01
457	PE(P-20:0/22:6)	-0.78	(-1.31--0.26)	3.71E-03	8.27E-03	-1.89	(-2.39--1.4)	3.83E-13	3.92E-12	-0.70	(-1.25--0.11)	2.13E-02	4.05E-02	-1.79	(-3.28--0.27)	2.13E-02	6.63E-02
458	PE(P-20:1/20:4)	-0.41	(-1.28-0.47)	3.64E-01	4.27E-01	-1.06	(-2.02--0.09)	3.22E-02	4.84E-02	-0.82	(-1.84-0.32)	1.51E-01	2.29E-01	0.93	(-1.28-3.19)	4.10E-01	5.58E-01
459	PG(34:2)	-1.07	(-1.82--0.31)	6.14E-03	1.28E-02	1.17	(0.21-2.14)	1.72E-02	2.76E-02	-0.67	(-1.86-0.7)	3.23E-01	4.21E-01	2.03	(-0.75-4.88)	1.53E-01	2.80E-01
460	PG(36:1)	-0.28	(-0.94-0.38)	4.00E-01	4.62E-01	2.52	(1.6-3.45)	8.86E-08	3.52E-07	-1.38	(-2.5--0.09)	3.65E-02	6.63E-02	2.63	(-0.01-5.33)	5.10E-02	1.27E-01
461	PI(16:0/16:0)	-2.44	(-3.37--1.51)	4.46E-07	2.38E-06	1.75	(0.7-2.81)	1.12E-03	2.36E-03	-0.09	(-1.03-0.93)	8.50E-01	8.99E-01	3.09	(0.46-5.79)	2.10E-02	6.58E-02
462	PI(16:0_16:1)	-1.73	(-2.79--0.66)	1.69E-03	4.01E-03	3.85	(2.77-4.94)	3.76E-12	3.11E-11	0.72	(-0.12-1.62)	9.40E-02	1.53E-01	8.42	(5.56-11.34)	6.42E-09	1.03E-06
463	PI(34:0)	-2.66	(-3.58--1.72)	4.56E-08	2.96E-07	1.08	(0-2.17)	4.90E-02	7.13E-02	-1.86	(-2.99--0.54)	7.41E-03	1.58E-02	-0.02	(-3.05-3.11)	9.90E-01	9.96E-01
464	PI(34:1)	-2.01	(-2.68--1.34)	8.14E-09	5.75E-08	0.20	(-0.53-0.93)	5.92E-01	6.47E-01	-0.19	(-0.81-0.47)	5.56E-01	6.45E-01	0.45	(-1.4-2.34)	6.33E-01	7.42E-01
465	PI(17:0_18:1)	-2.37	(-2.95--1.79)	6.39E-15	2.79E-13	0.44	(-0.29-1.18)	2.37E-01	2.93E-01	-1.30	(-2.26--0.22)	1.94E-02	3.75E-02	-0.77	(-2.94-1.45)	4.91E-01	6.31E-01
466	PI(17:0_18:2)	-2.70	(-3.33--2.07)	4.72E-16	2.83E-14	0.69	(-0.03-1.41)	6.05E-02	8.54E-02	-1.91	(-2.87--0.83)	9.67E-04	2.37E-03	0.15	(-1.85-2.18)	8.85E-01	9.42E-01
467	PI(18:0_18:1)	-1.94	(-2.65--1.23)	1.16E-07	7.23E-07	-0.74	(-1.49-0.01)	5.26E-02	7.58E-02	-1.18	(-1.84--0.46)	1.71E-03	4.02E-03	-2.01	(-4.12-0.14)	6.70E-02	1.52E-01
468	PI(36:2)	-1.93	(-2.51--1.34)	2.53E-10	3.28E-09	-0.30	(-0.88-0.3)	3.26E-01	3.83E-01	-1.22	(-1.78--0.62)	1.28E-04	3.56E-04	-1.49	(-3.08-0.13)	7.12E-02	1.58E-01
469	PI(18:1_18:2)	-2.66	(-3.29--2.03)	1.11E-15	5.91E-14	-1.29	(-1.97--0.61)	2.16E-04	5.17E-04	-1.47	(-1.98--0.93)	4.93E-07	1.78E-06	-3.22	(-4.99--1.41)	5.62E-04	3.65E-03
470	PI(16:0_20:3) (a)	-2.16	(-2.82--1.5)	3.96E-10	4.64E-09	0.93	(0.22-1.65)	1.07E-02	1.78E-02	0.22	(-0.31-0.79)	4.19E-01	5.18E-01	-0.04	(-1.72-1.66)	9.62E-01	9.85E-01
471	PI(16:0_20:3) (b)	-2.46	(-3.2--1.72)	1.99E-10	2.80E-09	0.86	(0.13-1.6)	2.06E-02	3.21E-02	2.99	(1.94-4.14)	2.09E-09	9.74E-09	0.67	(-1.27-2.64)	5.00E-01	6.34E-01
472	PI(16:0_20:4)	-1.45	(-2.03--0.86)	1.88E-06	8.78E-06	0.99	(0.36-1.62)	2.13E-03	4.20E-03	0.12	(-0.42-0.7)	6.69E-01	7.50E-01	1.36	(-0.32-3.07)	1.12E-01	2.14E-01
473	PI(18:0_20:2)	-2.66	(-3.36--1.95)	6.56E-13	1.85E-11	-0.07	(-0.8-0.66)	8.50E-01	8.75E-01	2.45	(1.2-3.85)	5.83E-05	1.70E-04	-2.45	(-4.37--0.49)	1.48E-02	5.00E-02

474	PI(18:0_20:3) (a)	-0.92	(-1.42--0.41)	4.19E-04	1.18E-03	-0.19	(-0.7-0.31)	4.57E-01	5.16E-01	-0.28	(-0.75-0.22)	2.65E-01	3.60E-01	-1.02	(-2.35-0.32)	1.33E-01	2.48E-01
475	PI(18:0_20:4)	-0.79	(-1.31--0.28)	2.68E-03	6.09E-03	-0.13	(-0.63-0.37)	6.01E-01	6.56E-01	-0.59	(-1.01--0.14)	1.08E-02	2.19E-02	-1.18	(-2.55-0.2)	9.21E-02	1.88E-01
476	PI(38:5) (a)	-2.43	(-2.97--1.88)	5.10E-17	4.08E-15	-0.27	(-0.84-0.3)	3.46E-01	4.00E-01	-0.59	(-1.16-0.02)	5.72E-02	9.95E-02	-1.02	(-2.47-0.45)	1.73E-01	3.06E-01
477	PI(38:6)	-2.63	(-3.27--1.98)	1.30E-14	5.19E-13	-0.89	(-1.56--0.21)	1.01E-02	1.70E-02	-0.92	(-1.44--0.37)	1.31E-03	3.11E-03	-0.06	(-1.76-1.66)	9.42E-01	9.74E-01
478	PI(18:0_22:4)	-1.24	(-1.89--0.58)	2.27E-04	6.78E-04	0.25	(-0.38-0.9)	4.35E-01	4.92E-01	1.20	(0.52-1.92)	4.03E-04	1.05E-03	-0.81	(-2.49-0.89)	3.47E-01	5.03E-01
479	PI(18:0_22:5) (n3)	-1.73	(-2.4--1.06)	5.69E-07	2.91E-06	0.86	(0.2-1.52)	1.06E-02	1.78E-02	-1.24	(-1.88--0.56)	5.87E-04	1.47E-03	0.63	(-1.16-2.45)	4.93E-01	6.31E-01
480	PI(18:0_22:6)	-2.03	(-2.68--1.38)	2.31E-09	2.05E-08	-0.63	(-1.3-0.05)	6.94E-02	9.71E-02	-1.11	(-1.63--0.55)	1.59E-04	4.30E-04	-0.13	(-1.98-1.75)	8.89E-01	9.44E-01

Table S2C. Association of antenatal lipidomic profiles with antenatal BMI

Studies		Antenatal BMI			
Covariates		adjusted for ethnicity, maternal age and maternal education level			
No.	Lipid Species	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)
1	AC(12:0)	0.49	(-0.50- 1.50)	3.30E-01	3.94E-01
2	AC(13:0)	1.28	(0.01- 2.56)	4.79E-02	8.05E-02
3	AC(14:0)	0.45	(-0.20- 1.12)	1.76E-01	2.33E-01
4	AC(14:1)	1.43	(0.34- 2.54)	1.04E-02	2.12E-02
5	AC(14:2)	1.09	(0.05- 2.14)	4.02E-02	6.96E-02
6	AC(16:0)	0.37	(-0.11- 0.86)	1.33E-01	1.86E-01
7	AC(16:1)	1.22	(0.44- 2.01)	2.06E-03	5.13E-03
8	AC(18:0)	-0.09	(-0.59- 0.40)	7.15E-01	7.73E-01
9	AC(18:1)	1.25	(0.59- 1.92)	2.15E-04	6.73E-04
10	AC(18:2)	0.86	(0.22- 1.51)	8.72E-03	1.81E-02
11	CE(14:0)	-1.76	(-2.29--1.23)	1.93E-10	2.65E-09
12	CE(16:1)	-0.73	(-1.46- 0.00)	5.07E-02	8.44E-02
13	CE(18:0)	-1.04	(-1.53--0.55)	3.22E-05	1.24E-04
14	CE(18:1)	-0.86	(-1.15--0.57)	1.10E-08	8.35E-08
15	CE(18:2)	-0.79	(-1.12--0.45)	4.07E-06	1.95E-05
16	CE(18:3)	-1.70	(-2.28--1.10)	3.30E-08	2.20E-07
17	CE(20:1)	-0.83	(-1.26--0.40)	1.92E-04	6.13E-04
18	CE(20:2)	-1.21	(-1.60--0.81)	3.72E-09	3.19E-08
19	CE(20:4)	-0.63	(-1.23--0.02)	4.21E-02	7.20E-02
20	CE(20:5)	-1.44	(-2.70--0.16)	2.74E-02	4.96E-02
21	CE(22:5) (n6)	-1.82	(-2.37--1.26)	4.43E-10	5.24E-09
22	CE(22:6)	-1.50	(-2.17--0.81)	2.05E-05	8.21E-05
23	CE(24:5)	-1.96	(-2.63--1.29)	1.94E-08	1.35E-07
24	CE(24:6)	-2.36	(-3.05--1.67)	6.50E-11	1.04E-09
25	DG(16:0_16:1)	0.72	(-0.25- 1.69)	1.45E-01	1.99E-01
26	DG(14:0_18:2)	-0.96	(-1.90--0.02)	4.62E-02	7.81E-02

27	DG(16:0_18:1)	1.22	(0.52- 1.92)	6.17E-04	1.76E-03
28	DG(16:1_18:1)	0.64	(-0.17- 1.46)	1.21E-01	1.73E-01
29	DG(16:0_18:2)	0.83	(0.16- 1.51)	1.59E-02	3.06E-02
30	DG(18:0_18:1)	1.22	(0.58- 1.86)	1.73E-04	5.66E-04
31	DG(18:1_18:1)	1.06	(0.37- 1.76)	2.51E-03	6.17E-03
32	DG(18:0_18:2)	0.92	(0.21- 1.64)	1.10E-02	2.23E-02
33	DG(18:1_18:2)	0.64	(-0.05- 1.34)	6.83E-02	1.08E-01
34	DG(18:2_18:2)	0.57	(-0.32- 1.46)	2.10E-01	2.74E-01
35	DG(18:1_18:3)	0.17	(-0.57- 0.91)	6.60E-01	7.21E-01
36	DG(16:0_20:4)	1.22	(0.34- 2.11)	6.58E-03	1.45E-02
37	DG(18:1_20:3)	0.45	(-0.27- 1.17)	2.22E-01	2.86E-01
38	DG(18:1_20:4)	1.01	(0.30- 1.72)	5.34E-03	1.22E-02
39	DG(16:0_22:5)	0.54	(-0.29- 1.38)	2.00E-01	2.63E-01
40	DG(18:2_20:4)	0.65	(-0.16- 1.47)	1.17E-01	1.68E-01
41	DG(16:0_22:6)	1.28	(0.22- 2.36)	1.82E-02	3.42E-02
42	DG(18:1_22:5)	0.25	(-0.54- 1.04)	5.41E-01	6.11E-01
43	DG(18:1_22:6)	1.42	(0.41- 2.44)	5.72E-03	1.29E-02
44	DG(18:2_22:6)	1.39	(0.34- 2.45)	9.25E-03	1.91E-02
45	TG(48:0) [NL-18:0]	-1.36	(-2.19--0.52)	1.56E-03	3.97E-03
46	TG(48:1) [NL-16:1]	0.79	(-0.28- 1.86)	1.49E-01	2.02E-01
47	TG(48:1) [NL-18:1]	-0.47	(-1.30- 0.36)	2.65E-01	3.28E-01
48	TG(48:2) [NL-14:0]	-0.80	(-1.77- 0.19)	1.12E-01	1.62E-01
49	TG(48:2) [NL-14:1]	-0.98	(-1.98- 0.03)	5.60E-02	9.20E-02
50	TG(48:2) [NL-16:1]	0.02	(-1.21- 1.26)	9.81E-01	9.87E-01
51	TG(48:2) [NL-18:2]	-1.03	(-2.00--0.04)	4.10E-02	7.02E-02
52	TG(48:3) [NL-14:0]	-1.30	(-2.36--0.22)	1.81E-02	3.42E-02
53	TG(48:3) [NL-16:1]	-1.01	(-2.08- 0.08)	7.04E-02	1.10E-01
54	TG(48:3) [NL-18:3]	-1.57	(-2.77--0.35)	1.18E-02	2.35E-02
55	TG(49:1) [NL-17:1]	0.51	(-0.31- 1.34)	2.24E-01	2.86E-01
56	TG(50:1) [NL-14:0]	-0.63	(-1.35- 0.09)	8.73E-02	1.31E-01
57	TG(50:1) [NL-16:0]	0.91	(0.34- 1.48)	1.82E-03	4.57E-03
58	TG(50:1) [NL-18:1]	0.79	(0.25- 1.34)	4.35E-03	1.00E-02
59	TG(50:2) [NL-14:0]	-0.67	(-1.20--0.13)	1.48E-02	2.87E-02

60	TG(50:2) [NL-16:1]	0.62	(-0.05- 1.30)	6.93E-02	1.09E-01
61	TG(50:2) [NL-18:1]	0.30	(-0.29- 0.89)	3.19E-01	3.82E-01
62	TG(50:2) [NL-18:2]	0.70	(0.15- 1.25)	1.24E-02	2.47E-02
63	TG(50:3) [NL-14:0]	-0.59	(-1.27- 0.10)	9.24E-02	1.36E-01
64	TG(50:3) [NL-14:1]	-0.52	(-1.13- 0.10)	1.03E-01	1.50E-01
65	TG(50:3) [NL-16:1]	0.56	(-0.22- 1.34)	1.60E-01	2.16E-01
66	TG(50:3) [NL-18:2]	0.19	(-0.50- 0.89)	5.87E-01	6.54E-01
67	TG(50:3) [NL-18:3]	0.33	(-0.54- 1.21)	4.63E-01	5.28E-01
68	TG(50:4) [NL-14:0]	-0.87	(-1.83- 0.09)	7.51E-02	1.16E-01
69	TG(50:4) [NL-18:3]	-0.63	(-1.61- 0.36)	2.10E-01	2.74E-01
70	TG(50:4) [NL-20:4]	-0.65	(-1.95- 0.67)	3.32E-01	3.95E-01
71	TG(51:1) [NL-17:0]	0.63	(-0.07- 1.35)	7.91E-02	1.20E-01
72	TG(51:2) [NL-15:0]	-0.67	(-1.30--0.05)	3.57E-02	6.26E-02
73	TG(51:2) [NL-17:0]	0.36	(-0.28- 1.02)	2.71E-01	3.31E-01
74	TG(51:2) [NL-17:1]	0.36	(-0.27- 0.99)	2.66E-01	3.28E-01
75	TG(52:1) [NL-18:0]	1.42	(0.67- 2.17)	1.98E-04	6.24E-04
76	TG(52:1) [NL-18:1]	1.47	(0.75- 2.19)	6.59E-05	2.40E-04
77	TG(52:2) [NL-16:0]	0.63	(0.25- 1.02)	1.26E-03	3.25E-03
78	TG(52:2) [NL-18:2]	0.56	(-0.02- 1.14)	5.71E-02	9.29E-02
79	TG(52:3) [NL-16:1]	0.24	(-0.30- 0.78)	3.93E-01	4.54E-01
80	TG(52:3) [NL-18:2]	0.57	(0.15- 1.00)	8.11E-03	1.70E-02
81	TG(52:4) [NL-16:1]	0.48	(-0.21- 1.17)	1.71E-01	2.28E-01
82	TG(52:4) [NL-18:2]	0.96	(0.24- 1.69)	9.34E-03	1.92E-02
83	TG(52:4) [NL-18:3]	0.37	(-0.30- 1.04)	2.77E-01	3.37E-01
84	TG(52:5) [NL-18:3]	0.02	(-0.92- 0.97)	9.60E-01	9.72E-01
85	TG(52:5) [NL-20:4]	0.56	(-0.56- 1.70)	3.30E-01	3.94E-01
86	TG(52:5) [NL-20:5]	1.08	(-0.13- 2.31)	8.11E-02	1.22E-01
87	TG(53:2) [NL-18:1]	0.68	(0.04- 1.33)	3.72E-02	6.49E-02
88	TG(54:1) [NL-18:1]	0.87	(0.24- 1.51)	6.65E-03	1.46E-02
89	TG(54:2) [NL-18:0]	1.30	(0.64- 1.95)	1.01E-04	3.50E-04
90	TG(54:2) [NL-20:1]	0.28	(-0.46- 1.02)	4.57E-01	5.22E-01
91	TG(54:3) [NL-18:1]	0.29	(-0.24- 0.83)	2.83E-01	3.43E-01
92	TG(54:3) [NL-18:2]	0.60	(0.05- 1.14)	3.19E-02	5.63E-02

93	TG(54:4) [NL-18:2]	0.11	(-0.49- 0.71)	7.27E-01	7.82E-01
94	TG(54:4) [NL-20:3]	0.66	(0.01- 1.31)	4.66E-02	7.84E-02
95	TG(54:5) [NL-18:3]	-0.12	(-0.94- 0.70)	7.70E-01	8.21E-01
96	TG(54:5) [NL-20:4]	0.96	(0.33- 1.59)	2.65E-03	6.45E-03
97	TG(54:6) [NL-18:3]	-0.60	(-1.69- 0.49)	2.80E-01	3.39E-01
98	TG(54:6) [NL-20:4]	1.11	(0.32- 1.91)	5.77E-03	1.30E-02
99	TG(54:6) [NL-20:5]	1.00	(-0.09- 2.09)	7.14E-02	1.11E-01
100	TG(54:6) [NL-22:6]	1.98	(0.83- 3.15)	7.51E-04	2.08E-03
101	TG(54:7) [NL-20:5]	0.65	(-0.57- 1.89)	2.96E-01	3.57E-01
102	TG(54:7) [NL-22:6]	1.13	(-0.13- 2.39)	7.81E-02	1.19E-01
103	TG(56:6) [NL-20:4]	1.20	(0.69- 1.71)	3.67E-06	1.82E-05
104	TG(56:6) [NL-22:5]	0.56	(-0.07- 1.18)	8.11E-02	1.22E-01
105	TG(56:7) [NL-20:4]	0.87	(0.23- 1.52)	7.69E-03	1.63E-02
106	TG(56:7) [NL-20:5]	0.46	(-0.59- 1.52)	3.89E-01	4.51E-01
107	TG(56:7) [NL-22:5]	0.71	(-0.02- 1.45)	5.82E-02	9.34E-02
108	TG(56:7) [NL-22:6]	1.96	(0.93- 3.00)	1.94E-04	6.16E-04
109	TG(56:8) [NL-20:4]	0.74	(-0.14- 1.64)	9.96E-02	1.46E-01
110	TG(56:8) [NL-20:5]	0.28	(-0.90- 1.47)	6.47E-01	7.09E-01
111	TG(56:8) [NL-22:6]	1.74	(0.59- 2.91)	3.07E-03	7.27E-03
112	TG(56:9) [NL-22:6]	0.92	(-0.21- 2.05)	1.10E-01	1.59E-01
113	TG(58:10) [NL-22:6]	0.88	(-0.23- 2.01)	1.21E-01	1.73E-01
114	TG(58:8) [NL-22:6]	1.42	(0.39- 2.45)	6.55E-03	1.45E-02
115	TG(58:9) [NL-22:6]	1.22	(0.13- 2.32)	2.87E-02	5.13E-02
116	TG(O-50:1) [NL-16:0]	-0.05	(-0.61- 0.52)	8.74E-01	9.08E-01
117	TG(O-50:1) [NL-17:1]	0.51	(-0.31- 1.35)	2.24E-01	2.86E-01
118	TG(O-50:1) [NL-18:1]	-0.48	(-1.10- 0.16)	1.40E-01	1.94E-01
119	TG(O-50:2) [NL-18:2]	-0.03	(-0.58- 0.53)	9.24E-01	9.44E-01
120	TG(O-52:2) [NL-16:0]	-0.09	(-0.85- 0.67)	8.11E-01	8.54E-01
121	TG(O-52:2) [NL-17:1]	0.36	(-0.27- 0.99)	2.68E-01	3.30E-01
122	TG(O-52:2) [NL-18:1]	-0.35	(-1.13- 0.44)	3.83E-01	4.45E-01
123	TG(O-54:2) [NL-18:1]	0.66	(0.02- 1.30)	4.41E-02	7.51E-02
124	TG(O-54:4) [NL-17:1]	-0.07	(-0.80- 0.66)	8.43E-01	8.83E-01
125	TG(O-54:4) [NL-18:2]	-0.11	(-0.87- 0.66)	7.82E-01	8.32E-01

126	dhCer(d18:0/22:0)	1.17	(0.57- 1.78)	1.51E-04	5.00E-04
127	dhCer(d18:0/24:0)	0.32	(-0.24- 0.89)	2.66E-01	3.28E-01
128	dhCer(d18:0/24:1)	1.68	(1.01- 2.36)	9.12E-07	4.92E-06
129	Cer(d16:1/22:0)	-0.55	(-1.12- 0.02)	6.04E-02	9.67E-02
130	Cer(d16:1/23:0)	-0.82	(-1.46--0.19)	1.15E-02	2.31E-02
131	Cer(d16:1/24:0)	-1.86	(-2.45--1.26)	2.60E-09	2.35E-08
132	Cer(d16:1/24:1)	-0.17	(-0.76- 0.43)	5.86E-01	6.54E-01
133	Cer(d17:1/22:0)	-1.12	(-1.73--0.50)	3.95E-04	1.18E-03
134	Cer(d17:1/23:0)	-1.10	(-1.74--0.45)	9.38E-04	2.53E-03
135	Cer(d17:1/24:0)	-2.00	(-2.55--1.45)	3.43E-12	8.23E-11
136	Cer(d17:1/24:1)	-1.06	(-1.65--0.47)	4.22E-04	1.24E-03
137	Cer(d18:1/16:0)	-0.73	(-1.16--0.29)	1.20E-03	3.14E-03
138	Cer(d18:1/18:0)	2.06	(1.42- 2.69)	2.38E-10	3.14E-09
139	Cer(d18:1/20:0)	0.35	(-0.18- 0.89)	1.95E-01	2.57E-01
140	Cer(d18:1/22:0)	0.03	(-0.42- 0.48)	9.07E-01	9.30E-01
141	Cer(d18:1/23:0)	-0.31	(-0.76- 0.15)	1.91E-01	2.52E-01
142	Cer(d18:1/24:0)	-0.90	(-1.34--0.46)	7.06E-05	2.55E-04
143	Cer(d18:1/24:1)	0.13	(-0.38- 0.64)	6.12E-01	6.77E-01
144	Cer(d18:2/16:0)	-0.19	(-0.78- 0.41)	5.31E-01	6.01E-01
145	Cer(d18:2/22:0)	-0.24	(-0.78- 0.29)	3.75E-01	4.37E-01
146	Cer(d18:2/23:0)	-0.42	(-0.98- 0.14)	1.44E-01	1.98E-01
147	Cer(d18:2/24:0)	-1.18	(-1.70--0.66)	1.13E-05	4.82E-05
148	Cer(d18:2/24:1)	0.02	(-0.53- 0.57)	9.54E-01	9.70E-01
149	Cer(d19:1/24:0)	-1.18	(-2.03--0.33)	6.84E-03	1.49E-02
150	Cer(d19:1/24:1)	-0.24	(-1.23- 0.75)	6.30E-01	6.95E-01
151	Cer(m18:0/22:0)	0.36	(-0.40- 1.12)	3.51E-01	4.14E-01
152	Cer(m18:0/23:0)	0.52	(-0.31- 1.36)	2.19E-01	2.84E-01
153	Cer(m18:0/24:0)	-0.42	(-1.17- 0.34)	2.77E-01	3.37E-01
154	Cer(m18:0/24:1)	1.23	(0.39- 2.08)	4.05E-03	9.38E-03
155	Cer(m18:1/22:0)	0.56	(-0.25- 1.37)	1.73E-01	2.30E-01
156	Cer(m18:1/23:0)	0.17	(-0.69- 1.03)	7.02E-01	7.62E-01
157	Cer(m18:1/24:0)	-0.58	(-1.32- 0.17)	1.31E-01	1.84E-01
158	Cer(m18:1/24:1)	1.15	(0.31- 2.00)	7.18E-03	1.54E-02

159	GM3(d18:1/18:0)	-1.01	(-1.51--0.50)	1.09E-04	3.69E-04
160	GM3(d18:1/22:0)	-2.05	(-2.63--1.47)	1.54E-11	2.96E-10
161	GM3(d18:1/24:0)	-3.09	(-3.67--2.51)	3.54E-23	8.49E-21
162	GM3(d18:1/24:1)	-1.70	(-2.26--1.14)	4.39E-09	3.70E-08
163	HexCer(d16:1/22:0)	-1.66	(-2.26--1.05)	1.12E-07	6.87E-07
164	HexCer(d16:1/24:0)	-3.08	(-3.70--2.46)	9.70E-21	9.31E-19
165	HexCer(d18:1/16:0)	-1.29	(-1.75--0.83)	6.17E-08	3.97E-07
166	HexCer(d18:1/18:0)	-1.47	(-2.03--0.91)	3.56E-07	2.06E-06
167	HexCer(d18:1/20:0)	-1.84	(-2.37--1.31)	3.17E-11	5.85E-10
168	HexCer(d18:1/22:0)	-1.91	(-2.37--1.44)	6.16E-15	2.69E-13
169	HexCer(d18:1/24:0)	-2.58	(-3.05--2.11)	1.77E-24	8.48E-22
170	HexCer(d18:1/24:1)	-1.70	(-2.22--1.17)	5.53E-10	6.33E-09
171	Hex2Cer(d16:1/16:0)	-1.19	(-1.78--0.60)	8.56E-05	3.07E-04
172	Hex2Cer(d18:1/16:0)	-1.53	(-2.03--1.04)	2.47E-09	2.28E-08
173	Hex2Cer(d18:1/22:0)	-1.69	(-2.21--1.17)	4.47E-10	5.24E-09
174	Hex2Cer(d18:1/24:1)	-1.63	(-2.19--1.08)	1.53E-08	1.10E-07
175	Hex2Cer(d18:2/16:0)	-0.74	(-1.26--0.22)	5.12E-03	1.17E-02
176	Hex3Cer(d18:1/16:0)	-1.08	(-1.47--0.68)	1.34E-07	8.16E-07
177	Hex3Cer(d18:1/22:0)	-1.49	(-2.06--0.92)	4.93E-07	2.75E-06
178	Hex3Cer(d18:1/24:0)	-1.62	(-2.16--1.07)	1.04E-08	8.05E-08
179	Hex3Cer(d18:1/24:1)	-1.20	(-1.72--0.68)	8.14E-06	3.55E-05
180	SM(d17:1/14:0)	-1.71	(-2.25--1.17)	1.07E-09	1.11E-08
181	SM(d18:0/14:0)	-0.71	(-1.21--0.21)	5.93E-03	1.33E-02
182	SM(d18:1/14:0)/SM(d16:1/16:0)	-0.82	(-1.27--0.37)	3.86E-04	1.16E-03
183	SM(d18:2/14:0)	0.35	(-0.14- 0.84)	1.62E-01	2.18E-01
184	SM(d17:1/16:0)	-1.29	(-1.72--0.86)	5.52E-09	4.57E-08
185	SM(d18:1/16:0)	-1.33	(-1.84--0.82)	4.31E-07	2.44E-06
186	SM(d18:2/16:0)	0.16	(-0.22- 0.54)	4.09E-01	4.71E-01
187	SM(34:3)	0.37	(-0.08- 0.82)	1.09E-01	1.59E-01
188	SM(d18:2/17:0)	-0.25	(-0.69- 0.18)	2.53E-01	3.17E-01
189	SM(35:2) (b)	-1.39	(-1.94--0.83)	1.32E-06	7.02E-06
190	SM(d18:1/18:0)/SM(d16:1/20:0)	0.38	(-0.10- 0.87)	1.22E-01	1.73E-01
191	SM(d18:2/18:1)	0.44	(-0.01- 0.89)	5.67E-02	9.29E-02

192	SM(37:1)	-0.65	(-1.17--0.13)	1.39E-02	2.74E-02
193	SM(37:2)	-1.00	(-1.58--0.43)	6.68E-04	1.90E-03
194	SM(d18:1/20:0)/SM(d16:1/22:0)	-0.67	(-1.06--0.27)	1.15E-03	3.03E-03
195	SM(d18:2/20:0)	-0.28	(-0.76- 0.20)	2.47E-01	3.11E-01
196	SM(38:3) (a)	0.56	(0.09- 1.03)	2.01E-02	3.73E-02
197	SM(38:3) (b)	-0.63	(-1.15--0.10)	1.98E-02	3.70E-02
198	SM(d16:1/23:0)/SM(d17:1/22:0)	-0.96	(-1.40--0.52)	2.37E-05	9.27E-05
199	SM(d18:1/22:0)/SM(d16:1/24:0)	-0.54	(-0.99--0.10)	1.59E-02	3.06E-02
200	SM(d16:1/24:1)	-0.58	(-1.06--0.10)	1.72E-02	3.26E-02
201	SM(d18:2/22:0)	-0.70	(-1.13--0.26)	1.83E-03	4.57E-03
202	SM(40:3) (a)	-0.01	(-0.47- 0.46)	9.76E-01	9.84E-01
203	SM(40:3) (b)	-0.77	(-1.29--0.25)	3.79E-03	8.88E-03
204	SM(41:0)	-0.37	(-0.77- 0.04)	7.80E-02	1.19E-01
205	SM(41:1)	-0.63	(-1.03--0.22)	2.50E-03	6.17E-03
206	SM(d17:1/24:1)	-0.84	(-1.27--0.41)	1.47E-04	4.89E-04
207	SM(d18:2/23:0)	-0.86	(-1.27--0.45)	4.75E-05	1.78E-04
208	SM(d18:1/24:0)	-1.44	(-1.87--1.00)	1.67E-10	2.39E-09
209	SM(d18:1/24:1)	-0.55	(-1.06--0.04)	3.34E-02	5.87E-02
210	SM(d18:2/24:0)	-1.43	(-1.83--1.04)	2.62E-12	6.63E-11
211	SM(43:1)	-1.60	(-2.05--1.15)	6.52E-12	1.42E-10
212	SM(44:1)	-1.57	(-1.97--1.18)	2.98E-14	1.19E-12
213	SM(44:2)	-1.12	(-1.58--0.65)	3.68E-06	1.82E-05
214	SM(44:3) (a)	-1.38	(-1.82--0.94)	1.42E-09	1.42E-08
215	LPC(14:0) [sn2]	-0.46	(-1.20- 0.28)	2.22E-01	2.86E-01
216	LPC(14:0) [sn1]	-0.19	(-0.91- 0.52)	5.95E-01	6.62E-01
217	LPC(15:0) [sn2]	-1.36	(-1.94--0.77)	7.01E-06	3.11E-05
218	LPC(15:0) [sn1]	-1.15	(-1.68--0.62)	2.41E-05	9.34E-05
219	LPC(16:0) [sn2]	0.07	(-0.36- 0.49)	7.57E-01	8.11E-01
220	LPC(16:0) [sn1]	0.31	(-0.19- 0.81)	2.25E-01	2.86E-01
221	LPC(16:1) [sn2]	0.39	(-0.30- 1.08)	2.70E-01	3.30E-01
222	LPC(16:1) [sn1]	0.52	(-0.08- 1.12)	9.12E-02	1.36E-01
223	LPC(15-MHDA) [sn2]	-1.37	(-2.07--0.66)	1.82E-04	5.86E-04
224	LPC(15-MHDA) [sn1] / LPC(17:0) [sn2]	-1.20	(-1.79--0.60)	1.06E-04	3.64E-04

225	LPC(17:0) [sn1]	-0.87	(-1.35--0.40)	3.09E-04	9.45E-04
226	LPC(17:1) [sn1] (a) / LPC(17:1) [sn2] (b)	-0.82	(-1.37--0.27)	3.48E-03	8.20E-03
227	LPC(18:0) [sn2]	0.00	(-0.44- 0.44)	9.99E-01	9.99E-01
228	LPC(18:0) [sn1]	0.03	(-0.42- 0.48)	8.87E-01	9.16E-01
229	LPC(18:1) [sn2]	-0.48	(-0.98- 0.01)	5.70E-02	9.29E-02
230	LPC(18:1) [sn1]	-0.38	(-0.82- 0.06)	9.10E-02	1.36E-01
231	LPC(18:2) [sn2]	-0.47	(-0.93--0.00)	4.83E-02	8.09E-02
232	LPC(18:2) [sn1]	-0.25	(-0.77- 0.27)	3.45E-01	4.09E-01
233	LPC(18:3) [sn2] (a)	-1.27	(-1.94--0.60)	2.17E-04	6.76E-04
234	LPC(18:3) [sn1] (a)/LPC(18:3) [sn2] (b)	-0.71	(-1.39--0.01)	4.57E-02	7.75E-02
235	LPC(18:3) (a) [sn1] [104_sn1]	-0.71	(-1.42- 0.01)	5.20E-02	8.64E-02
236	LPC(19:0) [sn1] (a) / LPC(19:0) [sn2] (b)	-1.53	(-1.97--1.08)	3.81E-11	6.53E-10
237	LPC(20:0) [sn1]	-1.62	(-2.04--1.19)	3.01E-13	9.64E-12
238	LPC(20:1) [sn2]	-0.59	(-1.03--0.16)	7.98E-03	1.69E-02
239	LPC(20:1) [sn1]	-0.61	(-1.05--0.17)	6.96E-03	1.50E-02
240	LPC(20:2) [sn2]	-0.81	(-1.29--0.33)	1.00E-03	2.67E-03
241	LPC(20:2) [sn1]	-0.52	(-0.97--0.06)	2.62E-02	4.76E-02
242	LPC(20:3) [sn2]	1.22	(0.60- 1.85)	1.08E-04	3.67E-04
243	LPC(20:3) [sn1]	1.45	(0.79- 2.11)	1.76E-05	7.12E-05
244	LPC(20:3) [104_sn1]	1.61	(0.94- 2.28)	2.82E-06	1.47E-05
245	LPC(20:4) [sn2]	0.85	(0.36- 1.35)	7.28E-04	2.04E-03
246	LPC(20:4) [sn1]	1.32	(0.78- 1.87)	1.66E-06	8.77E-06
247	LPC(20:5) [sn2]	0.19	(-0.84- 1.24)	7.14E-01	7.73E-01
248	LPC(20:5) [sn1]	0.44	(-0.62- 1.51)	4.18E-01	4.82E-01
249	LPC(22:4) [sn2]	-0.37	(-0.97- 0.23)	2.25E-01	2.86E-01
250	LPC(22:4) [sn1]	0.13	(-0.45- 0.72)	6.61E-01	7.21E-01
251	LPC(22:5) [sn2] (n3)	-0.82	(-1.41--0.23)	6.89E-03	1.50E-02
252	LPC(22:5) [sn1] (n3)/LPC(22:5) [sn2] (n6)	-0.64	(-1.20--0.08)	2.59E-02	4.72E-02
253	LPC(22:5) [sn1] (n6)	-0.40	(-1.13- 0.34)	2.89E-01	3.49E-01
254	LPC(22:5) (n3) [sn1] [104_sn1]	-0.51	(-1.17- 0.14)	1.26E-01	1.78E-01
255	LPC(22:6) [sn2]	-0.57	(-1.16- 0.02)	5.76E-02	9.31E-02
256	LPC(22:6) [sn1]	-0.08	(-0.70- 0.54)	7.99E-01	8.45E-01
257	LPC(O-16:0)	-0.26	(-0.68- 0.16)	2.31E-01	2.92E-01

258	LPC(O-18:0)	-1.04	(-1.55--0.52)	8.66E-05	3.08E-04
259	LPC(O-18:1)	0.51	(0.08- 0.94)	2.06E-02	3.82E-02
260	LPC(O-20:0)	-1.71	(-2.19--1.22)	1.22E-11	2.55E-10
261	LPC(O-20:1)	0.46	(-0.35- 1.27)	2.64E-01	3.28E-01
262	LPC(O-22:0)	-2.36	(-2.82--1.89)	9.14E-22	1.10E-19
263	LPC(O-22:1)	-1.65	(-2.14--1.15)	1.69E-10	2.39E-09
264	LPC(O-24:0)	-2.90	(-3.46--2.35)	1.39E-22	2.23E-20
265	LPC(O-24:1)	-2.37	(-2.90--1.84)	1.45E-17	1.16E-15
266	LPC(O-24:2)	-1.90	(-2.45--1.33)	8.94E-11	1.39E-09
267	LPC(P-16:0)	0.42	(-0.03- 0.88)	6.77E-02	1.07E-01
268	LPC(P-18:0)	0.35	(-0.09- 0.79)	1.15E-01	1.65E-01
269	LPC(P-18:1)	0.85	(0.30- 1.42)	2.74E-03	6.59E-03
270	LPC(P-20:0)	-0.75	(-1.29--0.20)	7.43E-03	1.59E-02
271	LPE(16:0) [sn2]	-0.54	(-1.02--0.06)	2.86E-02	5.13E-02
272	LPE(16:0) [sn1]	-0.39	(-0.85- 0.06)	9.23E-02	1.36E-01
273	LPE(18:0) [sn2]	0.26	(-0.19- 0.71)	2.50E-01	3.14E-01
274	LPE(18:0) [sn1]	0.44	(0.02- 0.87)	4.07E-02	7.00E-02
275	LPE(18:1) [sn2]	-0.73	(-1.25--0.21)	6.51E-03	1.45E-02
276	LPE(18:1) [sn1]	-0.69	(-1.20--0.18)	8.03E-03	1.69E-02
277	LPE(18:2) [sn2]	-0.77	(-1.40--0.14)	1.63E-02	3.14E-02
278	LPE(18:2) [sn1]	-0.81	(-1.45--0.16)	1.44E-02	2.82E-02
279	LPE(20:4) [sn1]	0.58	(0.07- 1.10)	2.48E-02	4.54E-02
280	LPE(22:6) [sn2]	-0.22	(-0.77- 0.34)	4.48E-01	5.14E-01
281	LPE(22:6) [sn1]	-0.23	(-0.83- 0.36)	4.42E-01	5.07E-01
282	PC(28:0)	-2.43	(-3.46--1.39)	6.79E-06	3.08E-05
283	PC(14:0_16:0)	-1.92	(-2.60--1.24)	5.84E-08	3.84E-07
284	PC(31:0) (a)	-2.98	(-3.98--1.97)	1.59E-08	1.12E-07
285	PC(31:0) (b)	-2.16	(-2.75--1.58)	1.60E-12	4.27E-11
286	PC(31:1)	-2.30	(-3.15--1.45)	1.79E-07	1.06E-06
287	PC(16:0_16:0)	-0.54	(-1.01--0.06)	2.77E-02	5.01E-02
288	PC(32:1)	-0.58	(-1.37- 0.21)	1.51E-01	2.04E-01
289	PC(32:2)	-1.33	(-1.97--0.69)	5.63E-05	2.06E-04
290	PC(33:0) (a)	-2.12	(-2.83--1.40)	1.22E-08	9.14E-08

291	PC(33:0) (b)	-1.66	(-2.19--1.12)	2.20E-09	2.07E-08
292	PC(33:1)	-2.23	(-2.90--1.55)	2.77E-10	3.50E-09
293	PC(33:2)	-2.10	(-2.70--1.51)	1.37E-11	2.74E-10
294	PC(16:0_18:0)	-0.91	(-1.30--0.51)	7.79E-06	3.43E-05
295	PC(16:0_18:1)	-0.96	(-1.48--0.43)	3.81E-04	1.15E-03
296	PC(16:0_18:2)	-0.27	(-0.56- 0.01)	6.26E-02	9.95E-02
297	PC(16:1_18:2)	-0.70	(-1.29--0.10)	2.18E-02	4.03E-02
298	PC(16:0_18:3) (a)	-1.50	(-2.13--0.87)	3.82E-06	1.87E-05
299	PC(14:0_20:4)	-0.59	(-1.32- 0.14)	1.15E-01	1.65E-01
300	PC(34:5)	-0.85	(-1.97- 0.29)	1.45E-01	1.99E-01
301	PC(15-MHDA_18:1)	-2.41	(-3.16--1.66)	7.36E-10	8.21E-09
302	PC(17:0_18:1)	-1.88	(-2.36--1.39)	1.04E-13	3.57E-12
303	PC(15-MHDA_18:2)	-1.74	(-2.51--0.97)	1.13E-05	4.82E-05
304	PC(17:0_18:2)	-1.47	(-1.98--0.96)	2.43E-08	1.67E-07
305	PC(17:1_18:2)	-1.07	(-1.58--0.55)	5.63E-05	2.06E-04
306	PC(15:0_20:3)	-0.55	(-0.79--0.30)	1.27E-05	5.33E-05
307	PC(15:0_20:4)	-1.25	(-1.91--0.59)	2.44E-04	7.52E-04
308	PC(35:5)	-1.32	(-2.49--0.13)	3.04E-02	5.41E-02
309	PC(36:0)	0.99	(0.41- 1.58)	8.01E-04	2.20E-03
310	PC(18:0_18:1)	-1.19	(-1.72--0.65)	1.53E-05	6.23E-05
311	PC(18:0_18:2)	-0.49	(-0.99- 0.02)	6.14E-02	9.79E-02
312	PC(16:0_20:3) (a)	-1.12	(-1.68--0.56)	9.06E-05	3.20E-04
313	PC(16:0_20:3) (b)	0.86	(0.14- 1.59)	1.96E-02	3.67E-02
314	PC(18:2_18:2)	-2.25	(-2.92--1.58)	1.52E-10	2.28E-09
315	PC(16:1_20:4)	-0.31	(-0.95- 0.33)	3.45E-01	4.09E-01
316	PC(16:0_20:5)	-0.01	(-1.15- 1.15)	9.87E-01	9.92E-01
317	PC(36:6)	-2.02	(-2.79--1.24)	5.96E-07	3.29E-06
318	PC(15-MHDA_20:4)	-0.65	(-1.39- 0.09)	8.52E-02	1.28E-01
319	PC(17:0_20:4)	-0.37	(-0.98- 0.24)	2.35E-01	2.97E-01
320	PC(15:0_22:6)	-2.61	(-3.31--1.91)	9.22E-13	2.60E-11
321	PC(38:2)	-0.99	(-1.42--0.56)	8.38E-06	3.62E-05
322	PC(18:0_20:3)	1.40	(0.74- 2.08)	3.78E-05	1.43E-04
323	PC(18:1_20:3)	-0.41	(-1.00- 0.18)	1.69E-01	2.26E-01

324	PC(38:4) (b)	-0.80	(-1.46--0.15)	1.65E-02	3.15E-02
325	PC(18:0_20:4)	0.92	(0.32- 1.52)	2.72E-03	6.56E-03
326	PC(38:5) (a)	-0.99	(-1.47--0.52)	4.99E-05	1.86E-04
327	PC(38:5) (b)	-1.08	(-1.77--0.38)	2.72E-03	6.56E-03
328	PC(38:6) (a)	-0.84	(-1.41--0.27)	3.92E-03	9.14E-03
329	PC(16:0_22:6)	-1.00	(-1.59--0.40)	1.21E-03	3.15E-03
330	PC(18:2_20:5)	-1.44	(-2.37--0.51)	2.64E-03	6.45E-03
331	PC(16:1_22:6)	-1.51	(-2.15--0.86)	6.89E-06	3.09E-05
332	PC(38:7)(c)	-1.55	(-2.11--0.99)	8.20E-08	5.11E-07
333	PC(39:5)(a)	-2.54	(-3.32--1.76)	3.76E-10	4.63E-09
334	PC(39:5)(b)	-2.23	(-2.92--1.53)	8.17E-10	8.92E-09
335	PC(15-MHDA_22:6)	-2.51	(-3.27--1.75)	2.42E-10	3.14E-09
336	PC(17:0_22:6)	-1.97	(-2.66--1.26)	6.49E-08	4.10E-07
337	PC(18:0_22:5) (n6)	-1.18	(-1.89--0.47)	1.26E-03	3.25E-03
338	PC(18:0_22:6)	-0.57	(-1.24- 0.11)	9.85E-02	1.45E-01
339	PC(40:7) (a)	-1.17	(-1.77--0.56)	1.68E-04	5.51E-04
340	PC(18:1_22:6) (a)	-1.58	(-2.09--1.06)	3.73E-09	3.19E-08
341	PC(40:8)	-1.59	(-2.09--1.08)	1.66E-09	1.62E-08
342	PC(44:12)	-2.16	(-3.16--1.15)	3.40E-05	1.29E-04
343	PC(O-16:0/16:0)	-0.70	(-1.11--0.29)	7.75E-04	2.14E-03
344	PC(O-32:1)	-0.77	(-1.29--0.24)	4.50E-03	1.03E-02
345	PC(O-34:1)	-0.75	(-1.15--0.34)	3.53E-04	1.07E-03
346	PC(O-34:2)	-1.75	(-2.33--1.17)	6.44E-09	5.19E-08
347	PC(O-34:4)	-0.55	(-1.47- 0.39)	2.49E-01	3.12E-01
348	PC(O-35:4)	-0.61	(-1.42- 0.20)	1.40E-01	1.94E-01
349	PC(O-36:0)	-1.21	(-1.68--0.74)	6.03E-07	3.29E-06
350	PC(O-18:0/18:1)	-1.41	(-1.86--0.96)	1.69E-09	1.62E-08
351	PC(O-18:1/18:1)	-1.13	(-1.56--0.70)	3.79E-07	2.16E-06
352	PC(O-18:0/18:2)	-2.08	(-2.63--1.54)	3.31E-13	9.92E-12
353	PC(O-18:1/18:2)	-1.25	(-1.77--0.73)	3.42E-06	1.75E-05
354	PC(O-16:0/20:3)	-0.28	(-0.79- 0.22)	2.69E-01	3.30E-01
355	PC(O-16:0/20:4)	-0.12	(-0.62- 0.39)	6.47E-01	7.09E-01
356	PC(O-36:5)	-0.85	(-1.79- 0.09)	7.70E-02	1.18E-01

357	PC(O-18:0/20:4)	-0.45	(-0.93- 0.04)	7.33E-02	1.14E-01
358	PC(O-38:5)	-0.05	(-0.49- 0.40)	8.37E-01	8.79E-01
359	PC(O-16:0/22:6)	-0.05	(-0.69- 0.61)	8.91E-01	9.18E-01
360	PC(O-40:5)	-0.82	(-1.29--0.35)	6.74E-04	1.90E-03
361	PC(O-18:0/22:6)	-0.57	(-1.10--0.02)	4.07E-02	7.00E-02
362	PC(O-40:7) (a)	0.03	(-0.58- 0.65)	9.22E-01	9.44E-01
363	PC(P-16:0/14:0)	-1.12	(-1.68--0.56)	1.06E-04	3.64E-04
364	PC(P-16:0/16:0)	-0.62	(-1.10--0.14)	1.16E-02	2.32E-02
365	PC(P-16:0/16:1)	-0.51	(-1.07- 0.06)	8.08E-02	1.22E-01
366	PC(P-16:0/18:0)	-1.09	(-1.46--0.72)	1.37E-08	1.01E-07
367	PC(P-16:0/18:1)	-1.11	(-1.62--0.60)	2.15E-05	8.53E-05
368	PC(P-16:0/18:2)	-0.93	(-1.49--0.37)	1.10E-03	2.91E-03
369	PC(P-16:0/18:3)	-1.43	(-2.04--0.83)	4.49E-06	2.11E-05
370	PC(P-35:2) (a)	-1.94	(-2.77--1.11)	6.24E-06	2.85E-05
371	PC(P-35:2) (b)	-1.55	(-2.24--0.86)	1.30E-05	5.41E-05
372	PC(P-15:0/20:4) (b)	-0.41	(-1.06- 0.23)	2.09E-01	2.74E-01
373	PC(P-18:1/18:1)	-1.10	(-1.59--0.61)	1.35E-05	5.58E-05
374	PC(P-18:0/18:2)	-1.74	(-2.29--1.19)	9.23E-10	9.84E-09
375	PC(P-16:0/20:4)	0.45	(-0.13- 1.03)	1.25E-01	1.77E-01
376	PC(P-16:0/20:5)	-0.26	(-1.26- 0.74)	6.04E-01	6.70E-01
377	PC(P-17:0/20:4) (a)	-0.92	(-1.67--0.17)	1.68E-02	3.19E-02
378	PC(P-17:0/20:4) (b)	-0.21	(-0.91- 0.49)	5.49E-01	6.18E-01
379	PC(P-18:0/20:4)	-0.04	(-0.59- 0.51)	8.87E-01	9.16E-01
380	PC(P-38:5) (a)	0.26	(-0.31- 0.83)	3.69E-01	4.31E-01
381	PC(P-38:5) (b)	-0.72	(-1.27--0.17)	1.08E-02	2.21E-02
382	PC(P-16:0/22:6)	-0.11	(-0.79- 0.58)	7.57E-01	8.11E-01
383	PC(P-20:0/20:4)	-0.42	(-0.99- 0.15)	1.48E-01	2.01E-01
384	PC(P-40:5) (b)	-0.69	(-1.23--0.16)	1.13E-02	2.28E-02
385	PC(P-18:0/22:6)	-0.48	(-1.13- 0.18)	1.53E-01	2.06E-01
386	PE(16:0_16:1)	-0.27	(-1.36- 0.84)	6.33E-01	6.97E-01
387	PE(16:0_18:1)	-0.02	(-0.76- 0.71)	9.47E-01	9.65E-01
388	PE(16:0_18:2)	-0.07	(-0.90- 0.76)	8.63E-01	9.01E-01
389	PE(16:1_18:2)	-0.65	(-1.62- 0.33)	1.91E-01	2.52E-01

390	PE(16:0_18:3) (a)	-1.35	(-2.23--0.46)	2.93E-03	6.99E-03
391	PE(16:0_18:3) (b)	-0.24	(-1.10- 0.63)	5.84E-01	6.54E-01
392	PE(17:0_18:2)	-1.10	(-1.76--0.43)	1.28E-03	3.29E-03
393	PE(18:0_18:1)	0.47	(-0.14- 1.08)	1.34E-01	1.86E-01
394	PE(18:1_18:1)	-0.30	(-0.93- 0.33)	3.50E-01	4.14E-01
395	PE(18:0_18:2)	0.67	(-0.01- 1.35)	5.23E-02	8.65E-02
396	PE(18:1_18:2)	-0.61	(-1.39- 0.17)	1.27E-01	1.79E-01
397	PE(16:0_20:3)	-0.14	(-0.95- 0.66)	7.25E-01	7.82E-01
398	PE(16:0_20:4)	0.82	(0.11- 1.52)	2.29E-02	4.20E-02
399	PE(16:1_20:4)	-0.02	(-0.87- 0.83)	9.56E-01	9.71E-01
400	PE(16:0_20:5)	-0.12	(-1.12- 0.89)	8.11E-01	8.54E-01
401	PE(17:0_20:4)	0.00	(-0.64- 0.63)	9.92E-01	9.94E-01
402	PE(18:0_20:3) (a)	1.82	(1.06- 2.59)	3.08E-06	1.59E-05
403	PE(18:0_20:4)	1.97	(1.39- 2.56)	5.87E-11	9.72E-10
404	PE(38:5) (a)	0.10	(-0.60- 0.79)	7.86E-01	8.33E-01
405	PE(38:5) (b)	-0.75	(-1.56- 0.07)	7.23E-02	1.12E-01
406	PE(16:0_22:6)	0.07	(-0.63- 0.77)	8.52E-01	8.91E-01
407	PE(17:0_22:6)	-0.16	(-0.86- 0.56)	6.69E-01	7.28E-01
408	PE(18:0_22:4)	0.64	(-0.18- 1.47)	1.26E-01	1.78E-01
409	PE(18:0_22:5) (n3)	0.66	(-0.01- 1.33)	5.49E-02	9.06E-02
410	PE(18:0_22:5) (n6)	0.40	(-0.47- 1.29)	3.67E-01	4.30E-01
411	PE(18:0_22:6)	1.33	(0.59- 2.08)	4.39E-04	1.28E-03
412	PE(40:7)	-0.30	(-1.10- 0.51)	4.65E-01	5.29E-01
413	PE(O-34:1)	-1.21	(-1.76--0.65)	2.30E-05	9.04E-05
414	PE(O-16:0/18:2)	-2.30	(-3.04--1.55)	2.74E-09	2.44E-08
415	PE(O-18:1/18:2)	-1.33	(-2.03--0.63)	2.38E-04	7.36E-04
416	PE(O-16:0/20:4)	-1.07	(-1.77--0.37)	2.99E-03	7.11E-03
417	PE(O-36:5)	-1.89	(-2.94--0.84)	4.62E-04	1.33E-03
418	PE(O-16:0/22:4)	-0.54	(-1.08- 0.02)	5.74E-02	9.31E-02
419	PE(O-18:0/20:4)	-1.43	(-2.21--0.64)	4.06E-04	1.20E-03
420	PE(O-38:5) (a)	-1.14	(-1.83--0.45)	1.32E-03	3.38E-03
421	PE(O-38:5) (b)	-1.72	(-2.35--1.08)	1.73E-07	1.04E-06
422	PE(O-16:0/22:6)	-0.84	(-1.44--0.23)	7.04E-03	1.52E-02

423	PE(O-18:0/22:6)	-1.30	(-1.88--0.72)	1.52E-05	6.23E-05
424	PE(O-18:1/22:6)	-0.97	(-1.54--0.39)	9.92E-04	2.66E-03
425	PE(P-16:0/18:1)	-0.86	(-1.36--0.36)	7.40E-04	2.06E-03
426	PE(P-16:0/18:2)	-1.15	(-1.80--0.50)	5.72E-04	1.65E-03
427	PE(P-16:0/20:3)	0.04	(-0.65- 0.75)	9.04E-01	9.29E-01
428	PE(P-16:0/20:4)	0.40	(-0.29- 1.10)	2.58E-01	3.21E-01
429	PE(P-16:0/20:5)	-0.61	(-1.87- 0.68)	3.53E-01	4.14E-01
430	PE(P-16:0/22:4)	0.33	(-0.19- 0.86)	2.16E-01	2.81E-01
431	PE(P-16:0/22:5) (n3)	-0.43	(-0.99- 0.14)	1.38E-01	1.91E-01
432	PE(P-16:0/22:5) (n6)	-0.67	(-1.28--0.06)	3.09E-02	5.48E-02
433	PE(P-16:0/22:6)	0.18	(-0.37- 0.73)	5.27E-01	5.97E-01
434	PE(P-17:0/20:4) (a)	-0.07	(-0.89- 0.76)	8.69E-01	9.05E-01
435	PE(P-17:0/20:4) (b)	0.12	(-0.65- 0.90)	7.61E-01	8.14E-01
436	PE(P-17:0/22:6) (a)	-1.02	(-1.77--0.27)	8.14E-03	1.70E-02
437	PE(P-17:0/22:6) (b)	-0.51	(-1.20- 0.18)	1.46E-01	1.99E-01
438	PE(P-18:0/18:1)	-0.97	(-1.54--0.40)	8.42E-04	2.30E-03
439	PE(P-18:0/18:2)	-1.48	(-2.10--0.86)	4.03E-06	1.95E-05
440	PE(P-18:0/20:3)	-0.53	(-1.14- 0.09)	9.38E-02	1.38E-01
441	PE(P-18:0/20:4)	0.05	(-0.67- 0.78)	8.83E-01	9.15E-01
442	PE(P-18:0/20:5)	-1.20	(-2.50- 0.12)	7.52E-02	1.16E-01
443	PE(P-18:0/22:4)	-0.73	(-1.29--0.18)	1.01E-02	2.07E-02
444	PE(P-18:0/22:5) (n3)	-0.63	(-1.20--0.07)	2.88E-02	5.13E-02
445	PE(P-18:0/22:5) (n6)	-1.11	(-1.66--0.56)	9.76E-05	3.42E-04
446	PE(P-18:0/22:6)	-0.60	(-1.22- 0.02)	5.80E-02	9.34E-02
447	PE(P-18:1/18:1)	-0.84	(-1.36--0.32)	1.60E-03	4.03E-03
448	PE(P-18:1/18:2)	-1.57	(-2.23--0.89)	6.16E-06	2.84E-05
449	PE(P-18:1/20:4)	0.10	(-0.61- 0.82)	7.85E-01	8.33E-01
450	PE(P-18:1/20:5)	-1.17	(-2.42- 0.09)	6.87E-02	1.08E-01
451	PE(P-18:1/22:4)	-0.18	(-0.79- 0.43)	5.58E-01	6.26E-01
452	PE(P-18:1/22:5) (a)	-0.62	(-1.20--0.03)	3.86E-02	6.71E-02
453	PE(P-18:1/22:6) (a)	-0.38	(-1.00- 0.24)	2.26E-01	2.87E-01
454	PE(P-20:0/18:1)	-1.16	(-1.74--0.56)	1.46E-04	4.89E-04
455	PE(P-20:0/18:2)	-1.56	(-2.09--1.03)	1.52E-08	1.10E-07

456	PE(P-20:0/20:4)	0.01	(-0.56- 0.58)	9.71E-01	9.82E-01
457	PE(P-20:0/22:6)	-0.63	(-1.12--0.13)	1.35E-02	2.67E-02
458	PE(P-20:1/20:4)	-0.26	(-1.08- 0.58)	5.43E-01	6.11E-01
459	PG(34:2)	-0.90	(-1.61--0.18)	1.45E-02	2.82E-02
460	PG(36:1)	-0.29	(-0.91- 0.33)	3.53E-01	4.14E-01
461	PI(16:0/16:0)	-2.14	(-3.02--1.24)	3.56E-06	1.80E-05
462	PI(16:0_16:1)	-1.42	(-2.44--0.40)	6.52E-03	1.45E-02
463	PI(34:0)	-2.48	(-3.36--1.60)	6.20E-08	3.97E-07
464	PI(34:1)	-1.84	(-2.48--1.20)	2.61E-08	1.76E-07
465	PI(17:0_18:1)	-2.27	(-2.82--1.72)	3.26E-15	1.57E-13
466	PI(17:0_18:2)	-2.60	(-3.19--2.00)	1.23E-16	7.39E-15
467	PI(18:0_18:1)	-1.80	(-2.47--1.13)	1.90E-07	1.11E-06
468	PI(36:2)	-1.90	(-2.45--1.35)	3.65E-11	6.49E-10
469	PI(18:1_18:2)	-2.55	(-3.14--1.95)	3.92E-16	2.09E-14
470	PI(16:0_20:3) (a)	-1.92	(-2.55--1.28)	6.49E-09	5.19E-08
471	PI(16:0_20:3) (b)	-2.27	(-2.99--1.55)	1.20E-09	1.23E-08
472	PI(16:0_20:4)	-1.33	(-1.88--0.77)	4.23E-06	2.01E-05
473	PI(18:0_20:2)	-2.42	(-3.08--1.75)	5.08E-12	1.16E-10
474	PI(18:0_20:3) (a)	-0.92	(-1.39--0.44)	1.79E-04	5.82E-04
475	PI(18:0_20:4)	-0.83	(-1.31--0.34)	9.23E-04	2.50E-03
476	PI(38:5) (a)	-2.30	(-2.82--1.78)	5.13E-17	3.52E-15
477	PI(38:6)	-2.45	(-3.06--1.83)	3.89E-14	1.44E-12
478	PI(18:0_22:4)	-1.12	(-1.73--0.50)	4.46E-04	1.30E-03
479	PI(18:0_22:5) (n3)	-1.50	(-2.14--0.87)	4.94E-06	2.30E-05
480	PI(18:0_22:6)	-1.86	(-2.48--1.24)	6.95E-09	5.47E-08

Table S3A. The overlapping lipid species between the ppBMI and postnatal BMI studies. Related to Figure 3.

Lipid Species	ppBMI (antenatal)				Adult BMI (postnatal)				Trend
	%change in lipid concentration per unit				%change in lipid concentration per				
	BMI	95%CI	p-value	p-value(BH)	unit BMI	95%CI	p-value	p-value(BH)	
CE(16:1)	-1.06	(-1.82--0.29)	7.23E-03	1.46E-02	2.17	(1.53-2.82)	6.89E-11	4.60E-10	opposite
CE(18:3)	-1.93	(-2.54--1.32)	1.28E-09	1.25E-08	0.72	(0.11-1.32)	2.04E-02	3.21E-02	opposite
CE(20:1)	-0.83	(-1.29--0.37)	4.07E-04	1.15E-03	-0.70	(-1.17--0.22)	4.06E-03	7.58E-03	same
CE(22:5) (n6)	-1.88	(-2.46--1.29)	7.49E-10	7.92E-09	-0.68	(-1.1--0.26)	1.77E-03	3.56E-03	same
DG(16:0_18:1)	1.33	(0.59-2.07)	4.36E-04	1.22E-03	4.26	(3.33-5.21)	1.32E-18	4.86E-17	same
DG(16:0_18:2)	0.92	(0.21-1.65)	1.15E-02	2.16E-02	3.62	(2.72-4.52)	5.53E-15	7.59E-14	same
DG(18:0_18:1)	1.36	(0.69-2.04)	7.91E-05	2.60E-04	4.41	(3.51-5.31)	4.70E-21	4.51E-19	same
DG(18:1_18:1)	1.37	(0.64-2.1)	2.23E-04	6.69E-04	2.93	(2.08-3.77)	1.44E-11	1.03E-10	same
DG(18:0_18:2)	0.99	(0.23-1.76)	1.04E-02	1.97E-02	4.40	(3.41-5.39)	7.51E-18	2.57E-16	same
DG(18:1_18:2)	0.95	(0.22-1.68)	1.02E-02	1.97E-02	2.26	(1.45-3.08)	5.91E-08	2.42E-07	same
DG(16:0_20:4)	1.19	(0.26-2.12)	1.22E-02	2.27E-02	4.27	(3.25-5.3)	4.79E-16	9.59E-15	same
DG(18:1_20:4)	1.14	(0.4-1.88)	2.42E-03	5.53E-03	2.47	(1.71-3.22)	1.81E-10	1.10E-09	same
DG(18:1_22:6)	1.53	(0.47-2.61)	4.63E-03	9.97E-03	3.18	(2.04-4.34)	5.26E-08	2.22E-07	same
DG(18:2_22:6)	1.52	(0.42-2.63)	6.55E-03	1.35E-02	3.05	(1.87-4.24)	3.60E-07	1.28E-06	same
TG(48:0) [NL-18:0]	-1.56	(-2.43--0.68)	5.76E-04	1.53E-03	4.34	(2.99-5.71)	3.54E-10	2.07E-09	opposite
TG(48:2) [NL-14:1]	-1.20	(-2.25--0.13)	2.78E-02	4.70E-02	4.79	(3.42-6.18)	7.51E-12	5.72E-11	opposite
TG(48:2) [NL-18:2]	-1.16	(-2.2--0.12)	2.91E-02	4.87E-02	5.21	(3.68-6.77)	2.87E-11	2.03E-10	opposite
TG(48:3) [NL-14:0]	-1.51	(-2.64--0.37)	9.55E-03	1.85E-02	4.32	(2.9-5.76)	2.31E-09	1.14E-08	opposite
TG(48:3) [NL-18:3]	-1.81	(-3.07--0.53)	5.76E-03	1.21E-02	4.99	(3.41-6.59)	5.23E-10	2.92E-09	opposite
TG(50:1) [NL-16:0]	0.83	(0.22-1.43)	7.27E-03	1.46E-02	4.34	(3.39-5.3)	1.03E-18	4.12E-17	same
TG(50:1) [NL-18:1]	0.76	(0.18-1.34)	1.03E-02	1.97E-02	4.10	(3.16-5.05)	4.06E-17	1.08E-15	same
TG(50:2) [NL-14:0]	-0.65	(-1.21--0.07)	2.69E-02	4.57E-02	2.80	(1.76-3.86)	1.50E-07	5.54E-07	opposite
TG(50:2) [NL-18:2]	0.66	(0.08-1.24)	2.58E-02	4.41E-02	3.72	(2.82-4.62)	8.45E-16	1.53E-14	same
TG(52:1) [NL-18:0]	1.38	(0.59-2.18)	6.58E-04	1.73E-03	5.69	(4.53-6.86)	2.15E-21	2.58E-19	same
TG(52:1) [NL-18:1]	1.45	(0.69-2.23)	2.04E-04	6.17E-04	5.86	(4.73-7)	1.79E-23	8.60E-21	same
TG(52:2) [NL-16:0]	0.80	(0.4-1.21)	1.01E-04	3.29E-04	2.18	(1.57-2.79)	3.69E-12	3.11E-11	same
TG(52:3) [NL-18:2]	0.76	(0.32-1.2)	8.08E-04	2.08E-03	1.84	(1.22-2.48)	1.11E-08	5.14E-08	same
TG(52:4) [NL-18:2]	1.20	(0.44-1.96)	1.92E-03	4.52E-03	2.29	(1.29-3.3)	7.06E-06	2.12E-05	same
TG(53:2) [NL-18:1]	0.88	(0.2-1.56)	1.08E-02	2.03E-02	2.66	(1.85-3.47)	1.63E-10	1.00E-09	same
TG(54:1) [NL-18:1]	0.99	(0.32-1.66)	3.57E-03	8.00E-03	4.45	(3.57-5.34)	4.54E-22	7.26E-20	same
TG(54:2) [NL-18:0]	1.41	(0.72-2.1)	6.55E-05	2.23E-04	4.24	(3.35-5.13)	2.72E-20	1.63E-18	same
TG(54:3) [NL-18:2]	0.72	(0.14-1.3)	1.43E-02	2.59E-02	2.23	(1.57-2.89)	5.13E-11	3.51E-10	same
TG(54:5) [NL-20:4]	1.04	(0.38-1.71)	1.91E-03	4.51E-03	3.37	(2.55-4.2)	2.12E-15	3.39E-14	same
TG(54:6) [NL-20:4]	1.16	(0.33-2)	6.24E-03	1.29E-02	3.69	(2.71-4.68)	2.17E-13	2.27E-12	same
TG(54:6) [NL-22:6]	1.79	(0.57-3.02)	4.10E-03	9.06E-03	5.76	(4.33-7.22)	4.96E-15	7.00E-14	same
TG(56:6) [NL-20:4]	1.34	(0.81-1.87)	7.12E-07	3.60E-06	1.36	(0.85-1.88)	2.38E-07	8.65E-07	same
TG(56:7) [NL-20:4]	1.02	(0.35-1.7)	2.84E-03	6.40E-03	1.88	(1.14-2.62)	6.63E-07	2.29E-06	same
TG(56:7) [NL-22:6]	1.93	(0.84-3.04)	4.97E-04	1.35E-03	3.96	(2.65-5.28)	3.33E-09	1.61E-08	same
TG(56:8) [NL-22:6]	1.76	(0.54-2.99)	4.49E-03	9.76E-03	3.97	(2.64-5.31)	4.96E-09	2.38E-08	same
TG(58:8) [NL-22:6]	1.46	(0.38-2.56)	7.98E-03	1.58E-02	2.80	(1.58-4.04)	7.21E-06	2.15E-05	same
TG(O-54:2) [NL-18:1]	0.85	(0.18-1.53)	1.33E-02	2.43E-02	2.63	(1.82-3.44)	2.48E-10	1.47E-09	same
dhCer(d18:0/22:0)	1.14	(0.5-1.79)	4.77E-04	1.32E-03	1.96	(1.35-2.58)	4.98E-10	2.81E-09	same
dhCer(d18:0/24:1)	1.70	(0.99-2.41)	3.01E-06	1.36E-05	1.49	(0.78-2.2)	4.22E-05	1.11E-04	same
Cer(d16:1/22:0)	-0.73	(-1.33--0.13)	1.79E-02	3.18E-02	1.20	(0.56-1.84)	2.31E-04	5.51E-04	opposite
Cer(d16:1/23:0)	-0.99	(-1.66--0.32)	3.93E-03	8.74E-03	0.76	(0.1-1.42)	2.38E-02	3.69E-02	opposite
Cer(d18:1/18:0)	1.97	(1.31-2.64)	7.34E-09	5.29E-08	2.07	(1.45-2.7)	1.07E-10	6.87E-10	same
Cer(d18:2/24:0)	-1.25	(-1.79--0.69)	1.15E-05	4.61E-05	-0.68	(-1.22--0.14)	1.42E-02	2.32E-02	same
Cer(d19:1/24:0)	-1.22	(-2.12--0.32)	8.01E-03	1.58E-02	1.08	(0.23-1.93)	1.29E-02	2.13E-02	opposite
Cer(m18:0/24:1)	1.15	(0.26-2.04)	1.11E-02	2.08E-02	2.84	(2-3.68)	3.94E-11	2.74E-10	same
Cer(m18:1/24:1)	1.37	(0.47-2.27)	2.70E-03	6.11E-03	2.73	(1.88-3.59)	4.23E-10	2.42E-09	same
GM3(d18:1/18:0)	-1.16	(-1.7--0.62)	2.65E-05	9.76E-05	-0.70	(-1.2--0.2)	5.94E-03	1.06E-02	same
GM3(d18:1/24:0)	-3.17	(-3.78--2.56)	5.91E-22	9.47E-20	-1.92	(-2.46--1.39)	6.41E-12	5.13E-11	same
GM3(d18:1/24:1)	-1.77	(-2.36--1.17)	1.05E-08	7.23E-08	-1.28	(-1.87--0.68)	2.89E-05	7.79E-05	same
HexCer(d18:1/18:0)	-1.56	(-2.15--0.97)	3.24E-07	1.80E-06	-1.40	(-2.04--0.75)	2.70E-05	7.38E-05	same
HexCer(d18:1/20:0)	-1.84	(-2.41--1.27)	4.40E-10	5.02E-09	-1.29	(-1.81--0.76)	2.18E-06	6.88E-06	same
HexCer(d18:1/22:0)	-1.93	(-2.43--1.44)	1.05E-13	3.87E-12	-0.92	(-1.41--0.43)	2.61E-04	6.17E-04	same
HexCer(d18:1/24:0)	-2.60	(-3.1--2.09)	5.92E-22	9.47E-20	-1.34	(-1.83--0.85)	1.19E-07	4.57E-07	same
HexCer(d18:1/24:1)	-1.68	(-2.24--1.13)	5.30E-09	4.04E-08	-1.23	(-1.76--0.69)	8.47E-06	2.48E-05	same
Hex2Cer(d18:1/16:0)	-1.58	(-2.1--1.05)	6.78E-09	5.09E-08	-1.17	(-1.7--0.63)	2.30E-05	6.34E-05	same
Hex2Cer(d18:1/22:0)	-1.73	(-2.29--1.17)	2.30E-09	2.05E-08	-1.43	(-2--0.87)	8.84E-07	2.91E-06	same
Hex2Cer(d18:1/24:1)	-1.66	(-2.25--1.07)	4.96E-08	3.13E-07	-1.91	(-2.5--1.32)	5.82E-10	3.21E-09	same
Hex3Cer(d18:1/16:0)	-1.04	(-1.45--0.62)	1.58E-06	7.44E-06	-1.03	(-1.43--0.63)	6.36E-07	2.21E-06	same
Hex3Cer(d18:1/22:0)	-1.54	(-2.14--0.93)	9.28E-07	4.59E-06	-2.07	(-2.63--1.51)	2.59E-12	2.22E-11	same
Hex3Cer(d18:1/24:0)	-1.57	(-2.15--0.99)	1.64E-07	9.85E-07	-1.90	(-2.42--1.37)	6.58E-12	5.18E-11	same

Hex3Cer(d18:1/24:1)	-1.14	(-1.69--0.58)	6.61E-05	2.23E-04	-1.42	(-1.92--0.93)	3.28E-08	1.42E-07	same
SM(d18:0/14:0)	-0.89	(-1.42--0.36)	1.08E-03	2.70E-03	0.73	(0.18-1.28)	9.62E-03	1.64E-02	opposite
SM(d18:1/14:0)/SM(d16:1/16:0)	-1.03	(-1.5--0.55)	2.66E-05	9.76E-05	0.72	(0.27-1.18)	1.93E-03	3.86E-03	opposite
SM(d18:1/16:0)	-1.46	(-1.99--0.92)	1.89E-07	1.08E-06	-0.89	(-1.41--0.37)	9.07E-04	1.95E-03	same
SM(35:2) (b)	-1.53	(-2.12--0.94)	4.86E-07	2.56E-06	-0.79	(-1.37--0.2)	8.48E-03	1.46E-02	same
SM(37:2)	-1.21	(-1.81--0.6)	1.07E-04	3.46E-04	-1.13	(-1.68--0.57)	7.90E-05	2.02E-04	same
SM(d18:1/20:0)/SM(d16:1/22:0)	-0.75	(-1.17--0.33)	4.82E-04	1.32E-03	0.43	(0.04-0.83)	2.93E-02	4.47E-02	opposite
SM(38:3) (b)	-0.77	(-1.33--0.22)	6.71E-03	1.37E-02	-0.67	(-1.28--0.07)	3.00E-02	4.55E-02	same
SM(d18:1/22:0)/SM(d16:1/24:0)	-0.59	(-1.06--0.13)	1.28E-02	2.38E-02	0.71	(0.26-1.16)	2.08E-03	4.13E-03	opposite
SM(d16:1/24:1)	-0.70	(-1.21--0.19)	7.53E-03	1.51E-02	0.55	(0.05-1.05)	3.15E-02	4.75E-02	opposite
SM(d18:2/23:0)	-0.93	(-1.36--0.5)	2.33E-05	8.74E-05	-0.51	(-0.9--0.11)	1.15E-02	1.91E-02	same
SM(d18:2/24:0)	-1.48	(-1.89--1.07)	6.63E-12	1.45E-10	-0.85	(-1.23--0.46)	1.89E-05	5.27E-05	same
SM(44:3) (a)	-1.42	(-1.88--0.95)	4.02E-09	3.21E-08	-1.26	(-1.69--0.84)	1.15E-08	5.25E-08	same
LPC(15-MHDA) [sn2]	-1.34	(-2.09--0.59)	5.17E-04	1.39E-03	-1.80	(-2.53--1.05)	2.97E-06	9.21E-06	same
LPC(15-MHDA) [sn1] / LPC(17:0) [sn2]	-1.22	(-1.86--0.59)	1.83E-04	5.61E-04	-1.69	(-2.31--1.07)	1.33E-07	5.00E-07	same
LPC(17:0) [sn1]	-0.89	(-1.39--0.39)	5.04E-04	1.36E-03	-1.40	(-1.9--0.89)	8.98E-08	3.53E-07	same
LPC(17:1) [sn1] (a) / LPC(17:1) [sn2] (b)	-0.95	(-1.52--0.37)	1.28E-03	3.14E-03	-0.68	(-1.27--0.08)	2.64E-02	4.06E-02	same
LPC(18:1) [sn2]	-0.59	(-1.11--0.07)	2.69E-02	4.57E-02	-1.43	(-2--0.86)	1.28E-06	4.15E-06	same
LPC(18:2) [sn2]	-0.64	(-1.13--0.15)	1.04E-02	1.97E-02	-2.17	(-2.7--1.63)	2.57E-14	3.16E-13	same
LPC(18:3) [sn2] (a)	-1.54	(-2.23--0.85)	1.68E-05	6.51E-05	-0.86	(-1.59--0.12)	2.29E-02	3.56E-02	same
LPC(19:0) [sn1] (a) / LPC(19:0) [sn2] (b)	-1.56	(-2.02--1.09)	1.61E-10	2.49E-09	-2.28	(-2.79--1.76)	6.69E-17	1.61E-15	same
LPC(20:0) [sn1]	-1.59	(-2.03--1.14)	1.26E-11	2.64E-10	-2.10	(-2.58--1.62)	1.05E-16	2.41E-15	same
LPC(20:1) [sn2]	-0.60	(-1.07--0.14)	1.07E-02	2.02E-02	-1.58	(-2.1--1.06)	5.88E-09	2.79E-08	same
LPC(20:1) [sn1]	-0.62	(-1.08--0.15)	9.49E-03	1.84E-02	-1.86	(-2.38--1.33)	1.33E-11	9.82E-11	same
LPC(20:2) [sn2]	-0.91	(-1.41--0.4)	4.81E-04	1.32E-03	-0.80	(-1.3--0.31)	1.50E-03	3.03E-03	same
LPC(20:2) [sn1]	-0.63	(-1.11--0.16)	9.14E-03	1.78E-02	-0.94	(-1.4--0.46)	1.11E-04	2.77E-04	same
LPC(20:3) [sn2]	1.05	(0.4-1.7)	1.48E-03	3.59E-03	1.19	(0.56-1.83)	2.39E-04	5.67E-04	same
LPC(20:3) [sn1]	1.28	(0.59-1.97)	2.78E-04	8.08E-04	0.91	(0.26-1.56)	5.99E-03	1.06E-02	same
LPC(20:3) [104_sn1]	1.42	(0.72-2.12)	7.46E-05	2.47E-04	0.93	(0.28-1.58)	4.92E-03	8.95E-03	same
LPC(20:4) [sn2]	0.85	(0.33-1.37)	1.45E-03	3.53E-03	-0.79	(-1.3--0.28)	2.64E-03	5.13E-03	opposite
LPC(20:4) [sn1]	1.36	(0.79-1.93)	3.16E-06	1.42E-05	-1.16	(-1.71--0.61)	4.15E-05	1.10E-04	opposite
LPC(22:5) [sn2] (n3)	-0.98	(-1.6--0.35)	2.21E-03	5.12E-03	-0.74	(-1.34--0.14)	1.67E-02	2.68E-02	same
LPC(22:5) [sn1] (n3)/LPC(22:5) [sn2] (n6)	-0.84	(-1.42--0.26)	4.63E-03	9.97E-03	-0.82	(-1.43--0.21)	8.19E-03	1.42E-02	same
LPC(O-18:0)	-1.05	(-1.59--0.5)	1.83E-04	5.61E-04	-1.53	(-2.07--0.99)	5.02E-08	2.13E-07	same
LPC(O-18:1)	0.52	(0.07-0.97)	2.38E-02	4.13E-02	-0.80	(-1.25--0.35)	5.53E-04	1.23E-03	opposite
LPC(O-20:0)	-1.70	(-2.21--1.19)	1.86E-10	2.70E-09	-2.23	(-2.77--1.69)	4.19E-15	6.29E-14	same
LPC(O-22:0)	-2.40	(-2.88--1.91)	1.69E-20	2.02E-18	-1.43	(-1.85--1)	1.03E-10	6.79E-10	same
LPC(O-22:1)	-1.62	(-2.15--1.1)	2.73E-09	2.33E-08	-2.10	(-2.63--1.56)	9.90E-14	1.16E-12	same
LPC(O-24:0)	-3.04	(-3.62--2.45)	1.56E-22	7.48E-20	-1.17	(-1.62--0.71)	7.24E-07	2.45E-06	same
LPC(O-24:1)	-2.43	(-2.98--1.87)	1.19E-16	8.16E-15	-1.37	(-1.84--0.9)	1.75E-08	7.86E-08	same
LPC(O-24:2)	-1.94	(-2.53--1.34)	3.86E-10	4.64E-09	-2.07	(-2.6--1.53)	1.68E-13	1.79E-12	same
LPC(P-18:1)	0.95	(0.36-1.54)	1.57E-03	3.78E-03	-0.88	(-1.4--0.35)	1.14E-03	2.40E-03	opposite
LPC(P-20:0)	-0.73	(-1.3--0.15)	1.34E-02	2.43E-02	-1.56	(-2.13--0.99)	1.23E-07	4.68E-07	same
LPE(16:0) [sn2]	-0.58	(-1.09--0.08)	2.45E-02	4.23E-02	-1.40	(-1.94--0.85)	8.49E-07	2.81E-06	same
PC(31:1)	-2.56	(-3.45--1.67)	3.05E-08	2.06E-07	1.45	(0.56-2.34)	1.35E-03	2.79E-03	opposite
PC(33:2)	-2.27	(-2.89--1.64)	6.00E-12	1.37E-10	-0.81	(-1.42--0.19)	1.07E-02	1.78E-02	same
PC(16:0_18:2)	-0.34	(-0.64--0.04)	2.86E-02	4.82E-02	-0.56	(-0.98--0.15)	7.64E-03	1.33E-02	same
PC(15-MHDA_18:2)	-1.86	(-2.67--1.05)	9.80E-06	4.05E-05	-1.20	(-1.96--0.42)	2.53E-03	4.94E-03	same
PC(17:0_18:2)	-1.54	(-2.08--1)	3.86E-08	2.57E-07	-1.17	(-1.68--0.65)	1.30E-05	3.74E-05	same
PC(36:0)	0.97	(0.36-1.59)	2.00E-03	4.66E-03	3.16	(2.47-3.84)	7.15E-19	3.43E-17	same
PC(18:0_18:1)	-1.34	(-1.89--0.78)	3.35E-06	1.49E-05	0.98	(0.36-1.59)	1.86E-03	3.74E-03	opposite
PC(16:0_20:3) (a)	-1.23	(-1.82--0.64)	5.06E-05	1.75E-04	-1.61	(-2.18--1.04)	5.63E-08	2.33E-07	same
PC(18:2_18:2)	-2.57	(-3.28--1.87)	3.69E-12	9.32E-11	-2.49	(-3.22--1.75)	1.24E-10	7.80E-10	same
PC(15:0_22:6)	-2.68	(-3.42--1.94)	3.93E-12	9.43E-11	-0.93	(-1.62--0.24)	8.87E-03	1.52E-02	same
PC(38:2)	-1.13	(-1.58--0.67)	1.45E-06	6.94E-06	0.67	(0.19-1.14)	5.76E-03	1.03E-02	opposite
PC(18:0_20:3)	1.23	(0.54-1.93)	5.29E-04	1.41E-03	3.69	(2.93-4.46)	1.54E-20	1.06E-18	same
PC(38:4) (b)	-0.97	(-1.66--0.28)	5.93E-03	1.24E-02	1.29	(0.57-2.02)	4.90E-04	1.11E-03	opposite
PC(38:6) (a)	-1.01	(-1.61--0.42)	9.39E-04	2.36E-03	-1.09	(-1.67--0.5)	2.90E-04	6.81E-04	same
PC(38:7)(c)	-1.58	(-2.17--0.99)	2.34E-07	1.32E-06	-0.64	(-1.21--0.06)	2.93E-02	4.47E-02	same
PC(39:5)(a)	-2.53	(-3.35--1.7)	4.56E-09	3.53E-08	-1.82	(-2.59--1.05)	4.96E-06	1.51E-05	same
PC(39:5)(b)	-2.31	(-3.04--1.58)	1.68E-09	1.56E-08	-0.86	(-1.58--0.13)	2.03E-02	3.21E-02	same
PC(15-MHDA_22:6)	-2.51	(-3.31--1.7)	2.77E-09	2.33E-08	-1.62	(-2.33--0.91)	1.10E-05	3.17E-05	same
PC(17:0_22:6)	-2.00	(-2.74--1.26)	1.87E-07	1.08E-06	-1.05	(-1.79--0.31)	5.44E-03	9.82E-03	same
PC(18:0_22:5) (n6)	-1.32	(-2.07--0.57)	6.32E-04	1.67E-03	1.17	(0.37-1.97)	3.94E-03	7.42E-03	opposite
PC(18:1_22:6) (a)	-1.70	(-2.24--1.16)	1.69E-09	1.56E-08	-0.86	(-1.44--0.27)	4.10E-03	7.62E-03	same
PC(40:8)	-1.77	(-2.3--1.24)	1.86E-10	2.70E-09	-1.88	(-2.39--1.37)	2.15E-12	1.91E-11	same
PC(44:12)	-2.40	(-3.44--1.34)	1.14E-05	4.60E-05	-2.61	(-3.74--1.46)	1.06E-05	3.09E-05	same
PC(O-16:0/16:0)	-0.78	(-1.21--0.35)	3.82E-04	1.09E-03	-0.75	(-1.18--0.33)	5.02E-04	1.13E-03	same
PC(O-34:1)	-0.84	(-1.27--0.41)	1.54E-04	4.84E-04	-1.21	(-1.62--0.79)	2.44E-08	1.08E-07	same

PC(O-34:2)	-2.02	(-2.62--1.41)	2.10E-10	2.80E-09	-1.75	(-2.35--1.15)	2.36E-08	1.05E-07	same
PC(O-36:0)	-1.30	(-1.8--0.81)	3.88E-07	2.12E-06	-0.84	(-1.33--0.35)	9.07E-04	1.95E-03	same
PC(O-18:0/18:1)	-1.51	(-1.98--1.03)	1.00E-09	1.02E-08	-1.48	(-1.92--1.04)	1.07E-10	6.87E-10	same
PC(O-18:1/18:1)	-1.20	(-1.66--0.74)	4.16E-07	2.24E-06	-1.71	(-2.13--1.29)	1.10E-14	1.42E-13	same
PC(O-18:0/18:2)	-2.36	(-2.92--1.79)	3.60E-15	1.73E-13	-1.89	(-2.38--1.39)	4.43E-13	4.43E-12	same
PC(O-18:1/18:2)	-1.41	(-1.96--0.86)	7.43E-07	3.71E-06	-1.34	(-1.85--0.82)	6.84E-07	2.35E-06	same
PC(O-40:5)	-0.80	(-1.3--0.3)	1.67E-03	3.98E-03	-0.88	(-1.34--0.42)	1.90E-04	4.60E-04	same
PC(O-18:0/22:6)	-0.69	(-1.25--0.12)	1.77E-02	3.15E-02	-1.09	(-1.63--0.55)	9.15E-05	2.31E-04	same
PC(P-16:0/14:0)	-1.27	(-1.86--0.68)	2.71E-05	9.86E-05	-1.18	(-1.79--0.56)	1.98E-04	4.77E-04	same
PC(P-16:0/16:0)	-0.71	(-1.21--0.2)	6.69E-03	1.37E-02	-1.03	(-1.54--0.53)	6.60E-05	1.72E-04	same
PC(P-16:0/16:1)	-0.71	(-1.31--0.11)	2.01E-02	3.52E-02	-0.83	(-1.39--0.26)	4.66E-03	8.63E-03	same
PC(P-16:0/18:0)	-1.20	(-1.59--0.81)	3.58E-09	2.91E-08	-1.47	(-1.84--1.09)	1.05E-13	1.20E-12	same
PC(P-16:0/18:1)	-1.21	(-1.75--0.67)	1.36E-05	5.30E-05	-2.19	(-2.7--1.69)	2.94E-16	6.14E-15	same
PC(P-16:0/18:2)	-1.10	(-1.68--0.5)	3.02E-04	8.73E-04	-2.03	(-2.57--1.48)	1.39E-12	1.28E-11	same
PC(P-16:0/18:3)	-1.64	(-2.27--1.01)	5.09E-07	2.66E-06	-1.42	(-1.99--0.84)	2.28E-06	7.17E-06	same
PC(P-35:2) (a)	-2.26	(-3.13--1.39)	5.70E-07	2.91E-06	-1.87	(-2.71--1.02)	1.87E-05	5.25E-05	same
PC(P-35:2) (b)	-1.83	(-2.55--1.1)	1.07E-06	5.20E-06	-2.14	(-2.83--1.45)	2.27E-09	1.13E-08	same
PC(P-18:1/18:1)	-1.20	(-1.72--0.68)	7.54E-06	3.17E-05	-1.58	(-2.08--1.09)	7.85E-10	4.18E-09	same
PC(P-18:0/18:2)	-1.93	(-2.51--1.36)	1.35E-10	2.16E-09	-2.58	(-3.1--2.06)	1.54E-20	1.06E-18	same
PC(P-38:5) (b)	-0.85	(-1.43--0.27)	4.44E-03	9.70E-03	-1.10	(-1.67--0.53)	1.76E-04	4.33E-04	same
PC(P-40:5) (b)	-0.80	(-1.37--0.24)	5.56E-03	1.18E-02	-1.41	(-1.93--0.9)	1.16E-07	4.47E-07	same
PE(18:0_20:3) (a)	1.68	(0.87-2.5)	4.94E-05	1.72E-04	2.90	(1.96-3.84)	1.44E-09	7.41E-09	same
PE(18:0_22:6)	1.34	(0.55-2.14)	8.34E-04	2.13E-03	1.67	(0.73-2.63)	5.37E-04	1.20E-03	same
PE(O-34:1)	-1.42	(-2--0.83)	2.58E-06	1.19E-05	-1.43	(-2.04--0.82)	6.33E-06	1.91E-05	same
PE(O-16:0/18:2)	-2.74	(-3.5--1.96)	1.39E-11	2.79E-10	-2.48	(-3.27--1.68)	2.70E-09	1.32E-08	same
PE(O-18:1/18:2)	-1.56	(-2.3--0.82)	4.20E-05	1.47E-04	-1.10	(-1.81--0.38)	2.71E-03	5.25E-03	same
PE(O-16:0/20:4)	-1.39	(-2.12--0.65)	2.38E-04	7.02E-04	-1.38	(-2.13--0.61)	4.51E-04	1.03E-03	same
PE(O-18:0/20:4)	-1.81	(-2.63--0.99)	2.02E-05	7.69E-05	-1.76	(-2.55--0.97)	1.81E-05	5.11E-05	same
PE(O-38:5) (a)	-1.44	(-2.16--0.71)	1.14E-04	3.65E-04	-0.89	(-1.6--0.18)	1.37E-02	2.25E-02	same
PE(O-38:5) (b)	-1.98	(-2.64--1.31)	9.88E-09	6.87E-08	-1.06	(-1.81--0.29)	6.73E-03	1.19E-02	same
PE(O-16:0/22:6)	-1.03	(-1.66--0.4)	1.52E-03	3.67E-03	-0.83	(-1.53--0.13)	2.05E-02	3.21E-02	same
PE(O-18:0/22:6)	-1.54	(-2.14--0.93)	1.02E-06	5.01E-06	-1.41	(-2.04--0.77)	1.78E-05	5.04E-05	same
PE(O-18:1/22:6)	-1.16	(-1.76--0.56)	1.73E-04	5.35E-04	-1.29	(-1.9--0.67)	5.13E-05	1.35E-04	same
PE(P-16:0/18:1)	-1.04	(-1.56--0.52)	1.03E-04	3.35E-04	-0.62	(-1.13--0.11)	1.76E-02	2.81E-02	same
PE(P-18:0/18:1)	-1.25	(-1.84--0.66)	3.98E-05	1.40E-04	-1.01	(-1.6--0.41)	9.72E-04	2.07E-03	same
PE(P-18:0/18:2)	-1.83	(-2.48--1.19)	4.04E-08	2.66E-07	-1.53	(-2.15--0.91)	1.62E-06	5.22E-06	same
PE(P-18:0/22:4)	-0.72	(-1.31--0.13)	1.74E-02	3.11E-02	-0.98	(-1.57--0.38)	1.48E-03	3.02E-03	same
PE(P-18:0/22:5) (n6)	-1.29	(-1.87--0.72)	1.35E-05	5.30E-05	-1.25	(-1.83--0.67)	3.16E-05	8.48E-05	same
PE(P-18:0/22:6)	-0.79	(-1.43--0.14)	1.80E-02	3.18E-02	-1.21	(-1.87--0.55)	3.71E-04	8.65E-04	same
PE(P-18:1/18:1)	-0.90	(-1.45--0.35)	1.43E-03	3.50E-03	-0.83	(-1.38--0.28)	3.06E-03	5.83E-03	same
PE(P-18:1/18:2)	-1.86	(-2.56--1.16)	3.27E-07	1.80E-06	-1.22	(-1.9--0.53)	5.96E-04	1.30E-03	same
PE(P-20:0/18:1)	-1.27	(-1.89--0.65)	7.01E-05	2.35E-04	-1.14	(-1.71--0.57)	1.01E-04	2.52E-04	same
PE(P-20:0/18:2)	-1.81	(-2.36--1.25)	3.40E-10	4.18E-09	-1.98	(-2.5--1.45)	1.04E-12	9.79E-12	same
PE(P-20:0/22:6)	-0.78	(-1.31--0.26)	3.71E-03	8.27E-03	-1.89	(-2.39--1.4)	3.83E-13	3.92E-12	same
PG(34:2)	-1.07	(-1.82--0.31)	6.14E-03	1.28E-02	1.17	(0.21-2.14)	1.72E-02	2.76E-02	opposite
PI(16:0/16:0)	-2.44	(-3.37--1.51)	4.46E-07	2.38E-06	1.75	(0.7-2.81)	1.12E-03	2.36E-03	opposite
PI(16:0_16:1)	-1.73	(-2.79--0.66)	1.69E-03	4.01E-03	3.85	(2.77-4.94)	3.76E-12	3.11E-11	opposite
PI(18:1_18:2)	-2.66	(-3.29--2.03)	1.11E-15	5.91E-14	-1.29	(-1.97--0.61)	2.16E-04	5.17E-04	same
PI(16:0_20:3) (a)	-2.16	(-2.82--1.5)	3.96E-10	4.64E-09	0.93	(0.22-1.65)	1.07E-02	1.78E-02	opposite
PI(16:0_20:3) (b)	-2.46	(-3.2--1.72)	1.99E-10	2.80E-09	0.86	(0.13-1.6)	2.06E-02	3.21E-02	opposite
PI(16:0_20:4)	-1.45	(-2.03--0.86)	1.88E-06	8.78E-06	0.99	(0.36-1.62)	2.13E-03	4.20E-03	opposite
PI(38:6)	-2.63	(-3.27--1.98)	1.30E-14	5.19E-13	-0.89	(-1.56--0.21)	1.01E-02	1.70E-02	same
PI(18:0_22:5) (n3)	-1.73	(-2.4--1.06)	5.69E-07	2.91E-06	0.86	(0.2-1.52)	1.06E-02	1.78E-02	opposite

Table S3B. The overlapping lipid species between the ppBMI and birth weight studies. Related to Figure 3.

Lipid Species	ppBMI (antenatal)				Birth Weight (cord blood)				Trend
	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	
AC(14:1)	1.38	(0.22-2.56)	1.98E-02	3.50E-02	-1.08	(-1.73--0.37)	3.63E-03	8.13E-03	opposite
AC(16:1)	1.19	(0.37-2.02)	4.39E-03	9.66E-03	-1.00	(-1.64--0.31)	5.17E-03	1.12E-02	opposite
CE(16:1)	-1.06	(-1.82--0.29)	7.23E-03	1.46E-02	0.98	(0.31-1.69)	3.55E-03	8.00E-03	opposite
CE(20:2)	-1.33	(-1.74--0.91)	7.59E-10	7.92E-09	0.79	(0.16-1.46)	1.36E-02	2.71E-02	opposite
CE(20:5)	-1.71	(-3.04--0.36)	1.31E-02	2.41E-02	-2.42	(-3.39--1.3)	9.07E-05	2.59E-04	same
CE(22:6)	-1.55	(-2.27--0.82)	3.29E-05	1.18E-04	-1.97	(-2.73--1.12)	1.95E-05	6.12E-05	same
CE(24:5)	-2.01	(-2.72--1.3)	4.73E-08	3.03E-07	-2.88	(-3.68--1.98)	3.40E-08	1.41E-07	same
CE(24:6)	-2.55	(-3.28--1.82)	2.50E-11	4.44E-10	-1.14	(-2.05--0.14)	2.66E-02	4.98E-02	same
DG(16:0_18:1)	1.33	(0.59-2.07)	4.36E-04	1.22E-03	-1.91	(-2.57--1.19)	1.35E-06	4.62E-06	opposite
DG(16:0_18:2)	0.92	(0.21-1.65)	1.15E-02	2.16E-02	-3.07	(-3.76--2.31)	1.09E-11	6.22E-11	opposite
DG(18:0_18:1)	1.36	(0.69-2.04)	7.91E-05	2.60E-04	-1.29	(-1.99--0.53)	1.23E-03	2.94E-03	opposite
DG(18:1_18:1)	1.37	(0.64-2.1)	2.23E-04	6.69E-04	-1.85	(-2.5--1.16)	1.20E-06	4.16E-06	opposite
DG(18:0_18:2)	0.99	(0.23-1.76)	1.04E-02	1.97E-02	-1.62	(-2.52--0.61)	2.43E-03	5.62E-03	opposite
DG(18:1_18:2)	0.95	(0.22-1.68)	1.02E-02	1.97E-02	-3.15	(-3.76--2.48)	8.45E-15	7.12E-14	opposite
DG(16:0_20:4)	1.19	(0.26-2.12)	1.22E-02	2.27E-02	-2.06	(-2.83--1.21)	9.20E-06	2.95E-05	opposite
DG(18:1_20:4)	1.14	(0.4-1.88)	2.42E-03	5.53E-03	-2.06	(-2.71--1.36)	1.08E-07	4.14E-07	opposite
DG(18:1_22:6)	1.53	(0.47-2.61)	4.63E-03	9.97E-03	-3.49	(-4.15--2.76)	7.44E-15	6.49E-14	opposite
DG(18:2_22:6)	1.52	(0.42-2.63)	6.55E-03	1.35E-02	-4.00	(-4.74--3.16)	9.00E-14	6.75E-13	opposite
TG(48:0) [NL-18:0]	-1.56	(-2.43--0.68)	5.76E-04	1.53E-03	-1.44	(-2.28--0.51)	3.14E-03	7.14E-03	same
TG(48:2) [NL-14:1]	-1.20	(-2.25--0.13)	2.78E-02	4.70E-02	-3.06	(-3.81--2.23)	4.50E-10	2.23E-09	same
TG(48:2) [NL-18:2]	-1.16	(-2.2--0.12)	2.91E-02	4.87E-02	-4.14	(-4.86--3.32)	5.42E-15	4.91E-14	same
TG(48:3) [NL-14:0]	-1.51	(-2.64--0.37)	9.55E-03	1.85E-02	-4.04	(-4.73--3.26)	1.02E-15	1.04E-14	same
TG(48:3) [NL-18:3]	-1.81	(-3.07--0.53)	5.76E-03	1.21E-02	-3.23	(-3.91--2.48)	8.75E-13	5.83E-12	same
TG(50:1) [NL-16:0]	0.83	(0.22-1.43)	7.27E-03	1.46E-02	-2.49	(-3.25--1.64)	2.17E-07	8.15E-07	opposite
TG(50:1) [NL-18:1]	0.76	(0.18-1.34)	1.03E-02	1.97E-02	-2.47	(-3.24--1.62)	2.61E-07	9.63E-07	opposite
TG(50:2) [NL-14:0]	-0.65	(-1.21--0.07)	2.69E-02	4.57E-02	-3.34	(-4.1--2.48)	1.16E-10	6.01E-10	same
TG(50:2) [NL-18:2]	0.66	(0.08-1.24)	2.58E-02	4.41E-02	-4.17	(-4.92--3.31)	5.26E-14	4.14E-13	opposite
TG(52:1) [NL-18:0]	1.38	(0.59-2.18)	6.58E-04	1.73E-03	-1.86	(-2.76--0.83)	6.81E-04	1.69E-03	opposite
TG(52:1) [NL-18:1]	1.45	(0.69-2.23)	2.04E-04	6.17E-04	-1.80	(-2.71--0.77)	9.96E-04	2.41E-03	opposite
TG(52:2) [NL-16:0]	0.80	(0.4-1.21)	1.01E-04	3.29E-04	-2.79	(-3.44--2.07)	3.12E-11	1.68E-10	opposite
TG(52:3) [NL-18:2]	0.76	(0.32-1.2)	8.08E-04	2.08E-03	-4.40	(-5.07--3.64)	3.04E-18	4.87E-17	opposite
TG(52:4) [NL-18:2]	1.20	(0.44-1.96)	1.92E-03	4.52E-03	-4.97	(-5.63--4.21)	2.07E-20	5.23E-19	opposite
TG(53:2) [NL-18:1]	0.88	(0.2-1.56)	1.08E-02	2.03E-02	-2.69	(-3.33--1.98)	5.26E-11	2.81E-10	opposite
TG(54:1) [NL-18:1]	0.99	(0.32-1.66)	3.57E-03	8.00E-03	-1.64	(-2.56--0.59)	2.89E-03	6.61E-03	opposite
TG(54:2) [NL-18:0]	1.41	(0.72-2.1)	6.55E-05	2.23E-04	-1.85	(-2.69--0.91)	2.40E-04	6.39E-04	opposite
TG(54:3) [NL-18:2]	0.72	(0.14-1.3)	1.43E-02	2.59E-02	-3.06	(-3.75--2.3)	1.28E-11	7.23E-11	opposite
TG(54:5) [NL-20:4]	1.04	(0.38-1.71)	1.91E-03	4.51E-03	-3.73	(-4.49--2.86)	4.40E-12	2.64E-11	opposite
TG(54:6) [NL-20:4]	1.16	(0.33-2)	6.24E-03	1.29E-02	-4.11	(-4.83--3.28)	1.19E-14	9.81E-14	opposite
TG(54:6) [NL-22:6]	1.79	(0.57-3.02)	4.10E-03	9.06E-03	-5.16	(-5.83--4.38)	1.98E-20	5.23E-19	opposite
TG(56:6) [NL-20:4]	1.34	(0.81-1.87)	7.12E-07	3.60E-06	-3.00	(-3.77--2.15)	1.89E-09	8.92E-09	opposite
TG(56:7) [NL-20:4]	1.02	(0.35-1.7)	2.84E-03	6.40E-03	-3.66	(-4.41--2.81)	3.38E-12	2.08E-11	opposite
TG(56:7) [NL-22:6]	1.93	(0.84-3.04)	4.97E-04	1.35E-03	-5.07	(-5.72--4.33)	1.85E-21	7.12E-20	opposite
TG(56:8) [NL-22:6]	1.76	(0.54-2.99)	4.49E-03	9.76E-03	-5.36	(-5.97--4.65)	1.69E-24	1.02E-22	opposite
TG(58:8) [NL-22:6]	1.46	(0.38-2.56)	7.98E-03	1.58E-02	-4.50	(-5.16--3.76)	3.67E-19	7.05E-18	opposite
TG(O-54:2) [NL-18:1]	0.85	(0.18-1.53)	1.33E-02	2.43E-02	-2.66	(-3.31--1.95)	1.06E-10	5.53E-10	opposite
Cer(d16:1/22:0)	-0.73	(-1.33--0.13)	1.79E-02	3.18E-02	-1.03	(-1.75--0.25)	1.07E-02	2.19E-02	same
Cer(d17:1/24:0)	-2.19	(-2.76--1.61)	4.35E-13	1.39E-11	-1.07	(-1.78--0.28)	8.53E-03	1.79E-02	same
Cer(d19:1/24:0)	-1.22	(-2.12--0.32)	8.01E-03	1.58E-02	-1.23	(-2.03--0.34)	7.85E-03	1.67E-02	same
Cer(m18:0/24:1)	1.15	(0.26-2.04)	1.11E-02	2.08E-02	-1.46	(-2.42--0.37)	9.81E-03	2.02E-02	opposite
Cer(m18:1/24:1)	1.37	(0.47-2.27)	2.70E-03	6.11E-03	-2.16	(-2.91--1.32)	3.30E-06	1.10E-05	opposite
GM3(d18:1/18:0)	-1.16	(-1.7--0.62)	2.65E-05	9.76E-05	-0.78	(-1.37--0.16)	1.53E-02	3.01E-02	same
SM(d17:1/14:0)	-1.88	(-2.45--1.3)	3.06E-10	3.86E-09	-0.98	(-1.49--0.44)	5.42E-04	1.36E-03	same
SM(d17:1/16:0)	-1.40	(-1.85--0.95)	2.57E-09	2.25E-08	-0.98	(-1.47--0.47)	2.86E-04	7.59E-04	same
SM(37:1)	-0.75	(-1.3--0.2)	7.20E-03	1.46E-02	-0.82	(-1.45--0.15)	1.76E-02	3.42E-02	same
SM(37:2)	-1.21	(-1.81--0.6)	1.07E-04	3.46E-04	-0.76	(-1.35--0.12)	2.06E-02	3.93E-02	same
SM(40:3) (b)	-0.91	(-1.46--0.36)	1.23E-03	3.06E-03	-0.89	(-1.5--0.24)	8.17E-03	1.72E-02	same
SM(43:1)	-1.62	(-2.09--1.14)	7.20E-11	1.19E-09	-1.04	(-1.74--0.27)	9.36E-03	1.94E-02	same
LPC(15:0) [sn2]	-1.50	(-2.11--0.88)	2.82E-06	1.29E-05	1.04	(0.46-1.66)	3.62E-04	9.45E-04	opposite
LPC(15:0) [sn1]	-1.28	(-1.83--0.72)	8.57E-06	3.58E-05	0.76	(0.24-1.32)	4.17E-03	9.24E-03	opposite
LPC(17:1) [sn1] (a) / LPC(17:1) [sn2] (b)	-0.95	(-1.52--0.37)	1.28E-03	3.14E-03	1.72	(1.09-2.4)	3.10E-08	1.29E-07	opposite
LPC(18:1) [sn2]	-0.59	(-1.11--0.07)	2.69E-02	4.57E-02	3.61	(2.91-4.34)	4.61E-28	5.53E-26	opposite
LPC(18:2) [sn2]	-0.64	(-1.13--0.15)	1.04E-02	1.97E-02	2.93	(2.22-3.69)	4.36E-18	6.75E-17	opposite
LPC(18:3) [sn2] (a)	-1.54	(-2.23--0.85)	1.68E-05	6.51E-05	2.31	(1.65-3.01)	5.03E-13	3.55E-12	opposite

LPC(18:3) [sn1] (a)/LPC(18:3) [sn2] (b)	-0.95	(-1.67--0.23)	9.74E-03	1.88E-02	4.43	(3.51-5.42)	1.76E-25	1.41E-23	opposite
LPC(18:3) (a) [sn1] [104_sn1]	-0.94	(-1.68--0.2)	1.34E-02	2.43E-02	4.09	(3.21-5.02)	1.27E-23	6.77E-22	opposite
LPC(20:1) [sn2]	-0.60	(-1.07--0.14)	1.07E-02	2.02E-02	1.44	(0.92-1.98)	1.54E-08	6.60E-08	opposite
LPC(20:1) [sn1]	-0.62	(-1.08--0.15)	9.49E-03	1.84E-02	1.75	(1.27-2.25)	1.55E-13	1.12E-12	opposite
LPC(20:2) [sn2]	-0.91	(-1.41--0.4)	4.81E-04	1.32E-03	3.83	(3.05-4.65)	3.73E-26	3.58E-24	opposite
LPC(20:2) [sn1]	-0.63	(-1.11--0.16)	9.14E-03	1.78E-02	3.35	(2.66-4.06)	4.61E-25	3.16E-23	opposite
LPC(20:3) [sn2]	1.05	(0.4-1.7)	1.48E-03	3.59E-03	2.58	(1.91-3.3)	1.79E-15	1.72E-14	same
LPC(20:3) [sn1]	1.28	(0.59-1.97)	2.78E-04	8.08E-04	3.27	(2.53-4.05)	7.83E-21	2.50E-19	same
LPC(20:3) [104_sn1]	1.42	(0.72-2.12)	7.46E-05	2.47E-04	3.22	(2.49-3.99)	9.49E-21	2.85E-19	same
LPC(20:4) [sn2]	0.85	(0.33-1.37)	1.45E-03	3.53E-03	2.39	(1.75-3.06)	6.31E-15	5.61E-14	same
LPC(20:4) [sn1]	1.36	(0.79-1.93)	3.16E-06	1.42E-05	2.66	(1.98-3.38)	2.33E-16	2.60E-15	same
LPC(22:5) [sn2] (n3)	-0.98	(-1.6--0.35)	2.21E-03	5.12E-03	1.73	(0.89-2.63)	2.63E-05	8.04E-05	opposite
LPC(22:5) [sn1] (n3)/LPC(22:5) [sn2] (n6)	-0.84	(-1.42--0.26)	4.63E-03	9.97E-03	2.12	(1.41-2.88)	6.79E-10	3.29E-09	opposite
LPC(O-18:1)	0.52	(0.07-0.97)	2.38E-02	4.13E-02	1.82	(1.3-2.37)	7.59E-13	5.13E-12	same
LPC(O-22:1)	-1.62	(-2.15--1.1)	2.73E-09	2.33E-08	1.29	(0.72-1.9)	6.07E-06	1.97E-05	opposite
LPC(P-18:1)	0.95	(0.36-1.54)	1.57E-03	3.78E-03	1.25	(0.59-1.95)	1.32E-04	3.64E-04	same
LPC(P-20:0)	-0.73	(-1.3--0.15)	1.34E-02	2.43E-02	2.02	(1.36-2.71)	3.08E-10	1.54E-09	opposite
LPE(16:0) [sn2]	-0.58	(-1.09--0.08)	2.45E-02	4.23E-02	2.24	(1.6-2.92)	6.15E-13	4.28E-12	opposite
LPE(18:1) [sn2]	-0.78	(-1.33--0.24)	5.15E-03	1.10E-02	2.54	(1.88-3.24)	1.28E-15	1.28E-14	opposite
LPE(18:1) [sn1]	-0.74	(-1.28--0.2)	7.22E-03	1.46E-02	2.94	(2.26-3.65)	1.02E-19	2.33E-18	opposite
LPE(18:2) [sn2]	-0.93	(-1.59--0.27)	6.21E-03	1.29E-02	3.65	(2.71-4.66)	9.44E-17	1.10E-15	opposite
LPE(18:2) [sn1]	-0.96	(-1.63--0.29)	5.28E-03	1.12E-02	3.74	(2.85-4.69)	1.99E-19	4.16E-18	opposite
PC(33:0) (b)	-1.78	(-2.34--1.22)	1.18E-09	1.18E-08	-1.45	(-2.17--0.66)	5.09E-04	1.30E-03	same
PC(33:2)	-2.27	(-2.89--1.64)	6.00E-12	1.37E-10	-1.25	(-1.87--0.6)	3.06E-04	8.08E-04	same
PC(15-MHDA_18:1)	-2.51	(-3.31--1.72)	1.39E-09	1.34E-08	-1.26	(-1.99--0.45)	2.77E-03	6.37E-03	same
PC(17:0_18:1)	-1.99	(-2.49--1.47)	1.15E-13	3.93E-12	-1.06	(-1.56--0.54)	1.14E-04	3.25E-04	same
PC(15-MHDA_18:2)	-1.86	(-2.67--1.05)	9.80E-06	4.05E-05	-1.39	(-2.07--0.66)	3.55E-04	9.32E-04	same
PC(17:0_18:2)	-1.54	(-2.08--1)	3.86E-08	2.57E-07	-1.28	(-1.84--0.68)	5.78E-05	1.69E-04	same
PC(17:1_18:2)	-1.21	(-1.75--0.67)	1.36E-05	5.30E-05	-0.72	(-1.27--0.14)	1.54E-02	3.03E-02	same
PC(15:0_20:4)	-1.28	(-1.97--0.58)	3.68E-04	1.06E-03	-1.32	(-1.88--0.72)	3.80E-05	1.13E-04	same
PC(35:5)	-1.57	(-2.8--0.32)	1.38E-02	2.50E-02	-2.33	(-3.15--1.42)	4.33E-06	1.41E-05	same
PC(36:6)	-2.22	(-3.03--1.4)	1.62E-07	9.83E-07	-0.83	(-1.42--0.2)	1.07E-02	2.19E-02	same
PC(15:0_22:6)	-2.68	(-3.42--1.94)	3.93E-12	9.43E-11	-1.88	(-2.45--1.28)	1.58E-08	6.70E-08	same
PC(38:2)	-1.13	(-1.58--0.67)	1.45E-06	6.94E-06	0.92	(0.32-1.55)	2.19E-03	5.11E-03	opposite
PC(18:0_20:4)	0.98	(0.35-1.61)	2.29E-03	5.29E-03	-1.07	(-1.65--0.46)	8.92E-04	2.21E-03	opposite
PC(38:5) (a)	-1.09	(-1.59--0.58)	2.73E-05	9.86E-05	-1.17	(-1.68--0.63)	3.91E-05	1.15E-04	same
PC(16:0_22:6)	-1.01	(-1.64--0.37)	1.94E-03	4.55E-03	-1.25	(-1.93--0.5)	1.40E-03	3.31E-03	same
PC(16:1_22:6)	-1.64	(-2.33--0.96)	3.49E-06	1.54E-05	-1.04	(-1.56--0.48)	4.09E-04	1.06E-03	same
PC(38:7)(c)	-1.58	(-2.17--0.99)	2.34E-07	1.32E-06	-0.88	(-1.37--0.37)	1.02E-03	2.45E-03	same
PC(39:5)(a)	-2.53	(-3.35--1.7)	4.56E-09	3.53E-08	-1.98	(-2.62--1.29)	2.49E-07	9.28E-07	same
PC(39:5)(b)	-2.31	(-3.04--1.58)	1.68E-09	1.56E-08	-1.95	(-2.55--1.29)	7.31E-08	2.90E-07	same
PC(15-MHDA_22:6)	-2.51	(-3.31--1.7)	2.77E-09	2.33E-08	-2.07	(-2.73--1.36)	1.67E-07	6.31E-07	same
PC(17:0_22:6)	-2.00	(-2.74--1.26)	1.87E-07	1.08E-06	-2.24	(-2.78--1.65)	1.65E-11	9.21E-11	same
PC(40:8)	-1.77	(-2.3--1.24)	1.86E-10	2.70E-09	0.83	(0.2-1.5)	9.19E-03	1.92E-02	opposite
PC(44:12)	-2.40	(-3.44--1.34)	1.14E-05	4.60E-05	-1.02	(-1.76--0.22)	1.39E-02	2.75E-02	same
PC(O-18:0/18:1)	-1.51	(-1.98--1.03)	1.00E-09	1.02E-08	1.31	(0.62-2.05)	1.35E-04	3.71E-04	opposite
PC(O-18:1/18:1)	-1.20	(-1.66--0.74)	4.16E-07	2.24E-06	0.71	(0.11-1.35)	2.01E-02	3.86E-02	opposite
PC(O-36:5)	-1.11	(-2.09--0.12)	2.87E-02	4.82E-02	-1.06	(-1.73--0.34)	4.52E-03	9.91E-03	same
PC(O-18:0/22:6)	-0.69	(-1.25--0.12)	1.77E-02	3.15E-02	-0.93	(-1.43--0.39)	9.93E-04	2.41E-03	same
PC(P-16:0/18:2)	-1.10	(-1.68--0.5)	3.02E-04	8.73E-04	-1.30	(-1.9--0.66)	1.43E-04	3.91E-04	same
PC(P-35:2) (b)	-1.83	(-2.55--1.1)	1.07E-06	5.20E-06	-1.45	(-2.06--0.79)	3.89E-05	1.15E-04	same
PC(P-18:1/18:1)	-1.20	(-1.72--0.68)	7.54E-06	3.17E-05	1.22	(0.39-2.12)	3.50E-03	7.92E-03	opposite
PC(P-17:0/20:4) (a)	-1.01	(-1.8--0.22)	1.29E-02	2.38E-02	-1.57	(-2.22--0.86)	3.59E-05	1.08E-04	same
PC(P-38:5) (b)	-0.85	(-1.43--0.27)	4.44E-03	9.70E-03	-0.87	(-1.5--0.2)	1.16E-02	2.34E-02	same
PC(P-40:5) (b)	-0.80	(-1.37--0.24)	5.56E-03	1.18E-02	-0.80	(-1.31--0.26)	4.26E-03	9.37E-03	same
PE(17:0_18:2)	-1.21	(-1.9--0.52)	6.65E-04	1.74E-03	-0.85	(-1.35--0.31)	2.33E-03	5.41E-03	same
PE(18:0_22:6)	1.34	(0.55-2.14)	8.34E-04	2.13E-03	-1.61	(-2.34--0.8)	2.02E-04	5.43E-04	opposite
PE(P-16:0/18:1)	-1.04	(-1.56--0.52)	1.03E-04	3.35E-04	1.69	(0.98-2.44)	1.11E-06	3.90E-06	opposite
PE(P-16:0/22:5) (n6)	-0.76	(-1.4--0.12)	2.07E-02	3.60E-02	0.91	(0.1-1.79)	2.66E-02	4.98E-02	opposite
PE(P-18:0/18:1)	-1.25	(-1.84--0.66)	3.98E-05	1.40E-04	1.01	(0.24-1.85)	9.34E-03	1.94E-02	opposite
PE(P-18:0/20:5)	-1.63	(-2.99--0.26)	2.00E-02	3.52E-02	-1.97	(-3.3--0.38)	1.77E-02	3.42E-02	same
PE(P-20:0/22:6)	-0.78	(-1.31--0.26)	3.71E-03	8.27E-03	-0.70	(-1.25--0.11)	2.13E-02	4.05E-02	same
PI(34:0)	-2.66	(-3.58--1.72)	4.56E-08	2.96E-07	-1.86	(-2.99--0.54)	7.41E-03	1.58E-02	same
PI(17:0_18:1)	-2.37	(-2.95--1.79)	6.39E-15	2.79E-13	-1.30	(-2.26--0.22)	1.94E-02	3.75E-02	same
PI(17:0_18:2)	-2.70	(-3.33--2.07)	4.72E-16	2.83E-14	-1.91	(-2.87--0.83)	9.67E-04	2.37E-03	same
PI(18:0_18:1)	-1.94	(-2.65--1.23)	1.16E-07	7.23E-07	-1.18	(-1.84--0.46)	1.71E-03	4.02E-03	same
PI(36:2)	-1.93	(-2.51--1.34)	2.53E-10	3.28E-09	-1.22	(-1.78--0.62)	1.28E-04	3.56E-04	same
PI(18:1_18:2)	-2.66	(-3.29--2.03)	1.11E-15	5.91E-14	-1.47	(-1.98--0.93)	4.93E-07	1.78E-06	same

PI(16:0_20:3) (b)	-2.46	(-3.2--1.72)	1.99E-10	2.80E-09	2.99	(1.94-4.14)	2.09E-09	9.74E-09	opposite
PI(18:0_20:2)	-2.66	(-3.36--1.95)	6.56E-13	1.85E-11	2.45	(1.2-3.85)	5.83E-05	1.70E-04	opposite
PI(18:0_20:4)	-0.79	(-1.31--0.28)	2.68E-03	6.09E-03	-0.59	(-1.01--0.14)	1.08E-02	2.19E-02	same
PI(38:6)	-2.63	(-3.27--1.98)	1.30E-14	5.19E-13	-0.92	(-1.44--0.37)	1.31E-03	3.11E-03	same
PI(18:0_22:4)	-1.24	(-1.89--0.58)	2.27E-04	6.78E-04	1.20	(0.52-1.92)	4.03E-04	1.05E-03	opposite
PI(18:0_22:5) (n3)	-1.73	(-2.4--1.06)	5.69E-07	2.91E-06	-1.24	(-1.88--0.56)	5.87E-04	1.47E-03	same
PI(18:0_22:6)	-2.03	(-2.68--1.38)	2.31E-09	2.05E-08	-1.11	(-1.63--0.55)	1.59E-04	4.30E-04	same

Table S3C. The overlapping lipid species between the birth weight and 6-year-old child BMI studies. Related to Figure 3.

Lipid Species	Birth Weight (cord blood)				Child BMI (6-year-old)				Trend
	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	
AC(18:0)	-0.78	(-1.3--0.24)	5.68E-03	1.22E-02	-1.98	(-3.33--0.62)	4.60E-03	1.97E-02	same
CE(16:1)	0.98	(0.31-1.69)	3.55E-03	8.00E-03	5.77	(4.04-7.53)	9.25E-11	2.22E-08	same
DG(16:0_16:1)	-1.32	(-2.11--0.45)	3.64E-03	8.13E-03	6.21	(3.58-8.89)	3.25E-06	8.67E-05	opposite
DG(14:0_18:2)	-3.08	(-4.04--1.96)	1.68E-06	5.70E-06	6.70	(3.02-10.51)	3.23E-04	2.28E-03	opposite
DG(16:0_18:1)	-1.91	(-2.57--1.19)	1.35E-06	4.62E-06	3.90	(1.38-6.49)	2.40E-03	1.18E-02	opposite
DG(16:1_18:1)	-2.08	(-2.77--1.32)	7.91E-07	2.84E-06	6.17	(3.26-9.17)	2.92E-05	4.64E-04	opposite
DG(16:0_18:2)	-3.07	(-3.76--2.31)	1.09E-11	6.22E-11	4.00	(1.57-6.48)	1.20E-03	6.49E-03	opposite
DG(18:0_18:1)	-1.29	(-1.99--0.53)	1.23E-03	2.94E-03	4.06	(1.71-6.46)	6.87E-04	4.23E-03	opposite
DG(18:0_18:2)	-1.62	(-2.52--0.61)	2.43E-03	5.62E-03	3.76	(1.3-6.29)	2.68E-03	1.27E-02	opposite
DG(16:0_20:4)	-2.06	(-2.83--1.21)	9.20E-06	2.95E-05	4.97	(2.34-7.66)	1.98E-04	1.61E-03	opposite
DG(18:1_20:4)	-2.06	(-2.71--1.36)	1.08E-07	4.14E-07	3.90	(1.68-6.16)	5.47E-04	3.60E-03	opposite
DG(16:0_22:5)	-1.95	(-2.72--1.09)	2.99E-05	9.02E-05	4.60	(2.03-7.23)	4.22E-04	2.89E-03	opposite
DG(18:2_20:4)	-3.14	(-3.87--2.33)	7.74E-11	4.08E-10	4.23	(1.78-6.73)	6.78E-04	4.23E-03	opposite
DG(16:0_22:6)	-4.09	(-4.76--3.33)	6.80E-17	8.37E-16	5.50	(2.13-8.99)	1.31E-03	6.84E-03	opposite
DG(18:1_22:6)	-3.49	(-4.15--2.76)	7.44E-15	6.49E-14	4.14	(1.32-7.04)	3.88E-03	1.73E-02	opposite
DG(18:2_22:6)	-4.00	(-4.74--3.16)	9.00E-14	6.75E-13	4.79	(1.45-8.24)	4.80E-03	2.04E-02	opposite
TG(48:0) [NL-18:0]	-1.44	(-2.28--0.51)	3.14E-03	7.14E-03	7.45	(3.74-11.29)	7.09E-05	8.54E-04	opposite
TG(48:1) [NL-16:1]	-2.43	(-3.32--1.41)	1.61E-05	5.11E-05	9.58	(5.88-13.41)	2.99E-07	1.32E-05	opposite
TG(48:1) [NL-18:1]	-3.15	(-3.94--2.26)	2.16E-09	9.86E-09	8.20	(3.97-12.59)	1.20E-04	1.17E-03	opposite
TG(48:2) [NL-14:0]	-3.76	(-4.46--2.97)	4.13E-14	3.31E-13	8.73	(4.41-13.22)	6.10E-05	7.91E-04	opposite
TG(48:2) [NL-14:1]	-3.06	(-3.81--2.23)	4.50E-10	2.23E-09	8.90	(4.81-13.16)	1.61E-05	3.36E-04	opposite
TG(48:2) [NL-16:1]	-2.85	(-3.65--1.96)	3.48E-08	1.43E-07	10.74	(6.57-15.07)	3.03E-07	1.32E-05	opposite
TG(48:2) [NL-18:2]	-4.14	(-4.86--3.32)	5.42E-15	4.91E-14	8.58	(4.3-13.04)	7.11E-05	8.54E-04	opposite
TG(48:3) [NL-14:0]	-4.04	(-4.73--3.26)	1.02E-15	1.04E-14	9.53	(5.17-14.08)	1.43E-05	3.28E-04	opposite
TG(48:3) [NL-16:1]	-2.89	(-3.59--2.12)	1.90E-10	9.60E-10	8.59	(4.99-12.31)	2.28E-06	6.49E-05	opposite
TG(48:3) [NL-18:3]	-3.23	(-3.91--2.48)	8.75E-13	5.83E-12	8.18	(3.69-12.86)	3.09E-04	2.27E-03	opposite
TG(49:1) [NL-17:1]	-2.19	(-2.84--1.47)	5.29E-08	2.14E-07	4.94	(2.47-7.47)	8.54E-05	9.54E-04	opposite
TG(50:1) [NL-14:0]	-1.46	(-2.35--0.47)	4.76E-03	1.03E-02	6.89	(3.47-10.42)	7.00E-05	8.54E-04	opposite
TG(50:1) [NL-16:0]	-2.49	(-3.25--1.64)	2.17E-07	8.15E-07	4.63	(2.1-7.22)	3.13E-04	2.27E-03	opposite
TG(50:1) [NL-18:1]	-2.47	(-3.24--1.62)	2.61E-07	9.63E-07	4.17	(1.73-6.68)	7.99E-04	4.74E-03	opposite
TG(50:2) [NL-14:0]	-3.34	(-4.1--2.48)	1.16E-10	6.01E-10	4.36	(1.14-7.69)	7.83E-03	3.01E-02	opposite
TG(50:2) [NL-16:1]	-3.01	(-3.81--2.11)	1.08E-08	4.67E-08	6.45	(3.42-9.58)	2.79E-05	4.62E-04	opposite
TG(50:2) [NL-18:1]	-3.12	(-3.91--2.21)	4.54E-09	2.00E-08	6.24	(3.2-9.38)	5.20E-05	7.33E-04	opposite
TG(50:2) [NL-18:2]	-4.17	(-4.92--3.31)	5.26E-14	4.14E-13	4.53	(2.11-7)	2.30E-04	1.78E-03	opposite
TG(50:3) [NL-14:0]	-4.25	(-4.95--3.45)	4.04E-16	4.31E-15	5.47	(1.88-9.18)	2.69E-03	1.27E-02	opposite
TG(50:3) [NL-14:1]	-2.39	(-3.17--1.51)	1.11E-06	3.90E-06	4.17	(1.33-7.09)	3.92E-03	1.73E-02	opposite
TG(50:3) [NL-16:1]	-3.88	(-4.58--3.09)	8.11E-15	6.95E-14	8.28	(4.83-11.85)	2.15E-06	6.49E-05	opposite
TG(50:3) [NL-18:2]	-4.37	(-5.06--3.59)	3.53E-17	4.70E-16	7.14	(3.78-10.61)	2.72E-05	4.62E-04	opposite
TG(50:3) [NL-18:3]	-3.81	(-4.54--2.98)	2.31E-13	1.65E-12	6.76	(3.2-10.44)	1.78E-04	1.52E-03	opposite
TG(50:4) [NL-14:0]	-4.31	(-4.97--3.57)	2.52E-18	4.32E-17	5.22	(1.61-8.96)	4.43E-03	1.92E-02	opposite
TG(50:4) [NL-18:3]	-3.93	(-4.56--3.22)	9.72E-18	1.37E-16	7.93	(4.25-11.74)	2.01E-05	4.02E-04	opposite
TG(50:4) [NL-20:4]	-3.52	(-4.34--2.57)	6.23E-10	3.05E-09	10.00	(5.69-14.48)	3.96E-06	1.00E-04	opposite
TG(51:1) [NL-17:0]	-2.72	(-3.44--1.91)	4.45E-09	1.98E-08	4.90	(2-7.89)	8.93E-04	5.23E-03	opposite
TG(51:2) [NL-17:0]	-3.40	(-4.11--2.6)	2.54E-12	1.63E-11	5.48	(2.52-8.52)	2.67E-04	2.03E-03	opposite
TG(51:2) [NL-17:1]	-2.89	(-3.53--2.19)	2.44E-12	1.58E-11	4.90	(2.22-7.65)	3.17E-04	2.27E-03	opposite
TG(52:1) [NL-18:0]	-1.86	(-2.76--0.83)	6.81E-04	1.69E-03	5.79	(2.8-8.86)	1.32E-04	1.22E-03	opposite
TG(52:1) [NL-18:1]	-1.80	(-2.71--0.77)	9.96E-04	2.41E-03	5.71	(2.83-8.68)	9.59E-05	1.00E-03	opposite
TG(52:2) [NL-18:2]	-2.75	(-3.58--1.81)	3.20E-07	1.17E-06	4.45	(2.1-6.85)	1.98E-04	1.61E-03	opposite
TG(52:3) [NL-16:1]	-3.37	(-4.1--2.56)	1.00E-11	5.79E-11	3.39	(0.97-5.88)	5.95E-03	2.36E-02	opposite
TG(52:4) [NL-16:1]	-4.52	(-5.17--3.78)	1.14E-19	2.48E-18	4.16	(1.08-7.34)	7.91E-03	3.01E-02	opposite
TG(52:4) [NL-18:3]	-4.11	(-4.78--3.35)	9.43E-17	1.10E-15	4.40	(1.43-7.46)	3.60E-03	1.63E-02	opposite
TG(52:5) [NL-18:3]	-4.16	(-4.81--3.43)	2.87E-18	4.75E-17	5.19	(2-8.47)	1.36E-03	6.99E-03	opposite
TG(52:5) [NL-20:4]	-3.63	(-4.4--2.74)	2.19E-11	1.19E-10	10.03	(6.39-13.8)	4.75E-08	4.56E-06	opposite
TG(52:5) [NL-20:5]	-4.43	(-5.13--3.64)	4.66E-17	5.88E-16	7.78	(4.53-11.13)	2.30E-06	6.49E-05	opposite
TG(54:1) [NL-18:1]	-1.64	(-2.56--0.59)	2.89E-03	6.61E-03	3.54	(1.13-6.02)	3.96E-03	1.73E-02	opposite
TG(54:2) [NL-18:0]	-1.85	(-2.69--0.91)	2.40E-04	6.39E-04	3.30	(0.94-5.71)	6.02E-03	2.36E-02	opposite

TG(54:3) [NL-18:2]	-3.06	(-3.75--2.3)	1.28E-11	7.23E-11	2.32	(0.48-4.19)	1.32E-02	4.65E-02	opposite
TG(54:4) [NL-20:3]	-2.73	(-3.52--1.84)	8.04E-08	3.16E-07	4.94	(2.41-7.54)	1.24E-04	1.19E-03	opposite
TG(54:5) [NL-20:4]	-3.73	(-4.49--2.86)	4.40E-12	2.64E-11	5.84	(3.43-8.3)	1.90E-06	6.49E-05	opposite
TG(54:6) [NL-20:4]	-4.11	(-4.83--3.28)	1.19E-14	9.81E-14	7.52	(4.68-10.44)	1.91E-07	1.15E-05	opposite
TG(54:6) [NL-20:5]	-5.04	(-5.69--4.28)	7.74E-21	2.50E-19	8.39	(5.04-11.85)	7.54E-07	3.02E-05	opposite
TG(54:6) [NL-22:6]	-5.16	(-5.83--4.38)	1.98E-20	5.23E-19	8.20	(4.48-12.06)	1.29E-05	3.10E-04	opposite
TG(54:7) [NL-20:5]	-4.97	(-5.63--4.22)	1.23E-20	3.49E-19	8.46	(5.22-11.8)	2.49E-07	1.32E-05	opposite
TG(54:7) [NL-22:6]	-4.92	(-5.56--4.18)	1.93E-21	7.12E-20	10.42	(6.51-14.47)	1.23E-07	9.83E-06	opposite
TG(56:6) [NL-20:4]	-3.00	(-3.77--2.15)	1.89E-09	8.92E-09	3.72	(1.91-5.57)	5.78E-05	7.86E-04	opposite
TG(56:6) [NL-22:5]	-3.83	(-4.52--3.06)	4.63E-15	4.36E-14	3.96	(1.82-6.14)	2.87E-04	2.15E-03	opposite
TG(56:7) [NL-20:4]	-3.66	(-4.41--2.81)	3.38E-12	2.08E-11	4.16	(1.73-6.64)	7.60E-04	4.56E-03	opposite
TG(56:7) [NL-20:5]	-3.79	(-4.51--2.97)	1.22E-13	9.04E-13	5.58	(2.64-8.6)	1.82E-04	1.54E-03	opposite
TG(56:7) [NL-22:5]	-4.29	(-4.93--3.57)	2.43E-19	4.87E-18	5.15	(2.46-7.91)	1.64E-04	1.46E-03	opposite
TG(56:7) [NL-22:6]	-5.07	(-5.72--4.33)	1.85E-21	7.12E-20	6.45	(3.01-10)	2.16E-04	1.70E-03	opposite
TG(56:8) [NL-20:4]	-2.95	(-3.72--2.08)	5.67E-09	2.47E-08	5.12	(2.54-7.75)	9.23E-05	1.00E-03	opposite
TG(56:8) [NL-20:5]	-4.13	(-4.79--3.37)	3.84E-17	4.98E-16	5.03	(2.01-8.13)	1.03E-03	5.94E-03	opposite
TG(56:8) [NL-22:6]	-5.36	(-5.97--4.65)	1.69E-24	1.02E-22	7.57	(4.02-11.24)	2.51E-05	4.62E-04	opposite
TG(56:9) [NL-22:6]	-4.88	(-5.5--4.17)	1.57E-22	7.54E-21	6.66	(3.29-10.14)	9.49E-05	1.00E-03	opposite
TG(58:10) [NL-22:6]	-4.48	(-5.11--3.76)	3.35E-20	8.05E-19	5.17	(1.89-8.56)	1.90E-03	9.52E-03	opposite
TG(58:8) [NL-22:6]	-4.50	(-5.16--3.76)	3.67E-19	7.05E-18	4.73	(1.39-8.18)	5.34E-03	2.16E-02	opposite
TG(58:9) [NL-22:6]	-4.76	(-5.39--4.06)	4.43E-22	1.93E-20	4.51	(1.17-7.97)	7.98E-03	3.02E-02	opposite
TG(O-50:1) [NL-17:1]	-2.21	(-2.88--1.47)	9.38E-08	3.66E-07	4.99	(2.47-7.57)	1.01E-04	1.03E-03	opposite
TG(O-52:2) [NL-17:1]	-2.91	(-3.55--2.2)	4.20E-12	2.55E-11	4.89	(2.19-7.66)	3.63E-04	2.52E-03	opposite
TG(O-52:2) [NL-18:1]	-1.84	(-2.72--0.85)	5.37E-04	1.36E-03	5.04	(2-8.16)	1.08E-03	6.15E-03	opposite
Cer(m18:0/22:0)	-1.25	(-2.16--0.23)	1.75E-02	3.42E-02	2.43	(0.5-4.39)	1.34E-02	4.68E-02	opposite
Cer(m18:0/24:1)	-1.46	(-2.42--0.37)	9.81E-03	2.02E-02	4.35	(2.12-6.63)	1.28E-04	1.20E-03	opposite
LPC(14:0) [sn2]	1.75	(1.25-2.26)	6.35E-13	4.36E-12	4.86	(2.45-7.33)	7.65E-05	8.95E-04	same
LPC(14:0) [sn1]	1.62	(1.14-2.11)	5.17E-12	3.06E-11	4.70	(2.35-7.09)	8.28E-05	9.46E-04	same
LPC(16:1) [sn2]	4.00	(3.27-4.78)	3.37E-31	8.10E-29	5.09	(3.19-7.03)	1.66E-07	1.14E-05	same
LPC(16:1) [sn1]	3.89	(3.2-4.61)	6.09E-33	2.92E-30	3.93	(2.1-5.79)	2.67E-05	4.62E-04	same
LPC(20:1) [sn1]	1.75	(1.27-2.25)	1.55E-13	1.12E-12	-2.32	(-3.93--0.7)	5.46E-03	2.19E-02	opposite
LPC(20:3) [sn2]	2.58	(1.91-3.3)	1.79E-15	1.72E-14	2.63	(0.79-4.5)	4.98E-03	2.10E-02	same
LPC(20:3) [104_sn1]	3.22	(2.49-3.99)	9.49E-21	2.85E-19	2.53	(0.51-4.6)	1.42E-02	4.91E-02	same
PC(32:1)	0.94	(0.11-1.83)	2.49E-02	4.70E-02	3.56	(1.41-5.75)	1.12E-03	6.20E-03	same
PC(34:5)	-1.14	(-1.93--0.28)	1.10E-02	2.23E-02	7.01	(3.69-10.43)	3.00E-05	4.64E-04	opposite
PC(17:0_18:2)	-1.28	(-1.84--0.68)	5.78E-05	1.69E-04	-2.03	(-3.62--0.41)	1.44E-02	4.92E-02	same
PC(16:0_20:5)	-1.86	(-2.69--0.94)	1.83E-04	4.92E-04	3.86	(0.8-7.01)	1.32E-02	4.65E-02	opposite
PC(36:6)	-0.83	(-1.42--0.2)	1.07E-02	2.19E-02	4.41	(1.91-6.97)	5.17E-04	3.45E-03	opposite
PC(18:0_22:6)	-1.44	(-2.09--0.74)	1.21E-04	3.40E-04	3.01	(0.9-5.18)	5.22E-03	2.12E-02	opposite
PC(O-18:0/18:1)	1.31	(0.62-2.05)	1.35E-04	3.71E-04	-3.04	(-4.22--1.85)	1.05E-06	3.88E-05	opposite
PC(O-18:1/18:1)	0.71	(0.11-1.35)	2.01E-02	3.86E-02	-1.86	(-2.95--0.75)	1.12E-03	6.20E-03	opposite
PC(P-35:2) (b)	-1.45	(-2.06--0.79)	3.89E-05	1.15E-04	-2.72	(-4.69--0.7)	8.59E-03	3.22E-02	same
PE(18:0_22:6)	-1.61	(-2.34--0.8)	2.02E-04	5.43E-04	3.81	(1.08-6.61)	6.06E-03	2.36E-02	opposite
PI(18:1_18:2)	-1.47	(-1.98--0.93)	4.93E-07	1.78E-06	-3.22	(-4.99--1.41)	5.62E-04	3.65E-03	same

Table S3D. The overlapping lipid species between the 6-year-old child BMI and adult (postnatal mother) BMI studies. Related to Figure 3.

Lipid Species	Child BMI (6-year-old)				Adult BMI (postnatal)				Trend
	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	
AC(18:0)	-1.98	(-3.33--0.62)	4.60E-03	1.97E-02	-0.68	(-1.13--0.23)	3.16E-03	6.00E-03	same
CE(16:1)	5.77	(4.04-7.53)	9.25E-11	2.22E-08	2.17	(1.53-2.82)	6.89E-11	4.60E-10	same
CE(18:3)	2.78	(0.7-4.91)	8.76E-03	3.24E-02	0.72	(0.11-1.32)	2.04E-02	3.21E-02	same
DG(16:0_16:1)	6.21	(3.58-8.89)	3.25E-06	8.67E-05	4.43	(3.46-5.4)	9.58E-19	4.12E-17	same
DG(14:0_18:2)	6.70	(3.02-10.51)	3.23E-04	2.28E-03	4.19	(2.86-5.54)	7.61E-10	4.11E-09	same
DG(16:0_18:1)	3.90	(1.38-6.49)	2.40E-03	1.18E-02	4.26	(3.33-5.21)	1.32E-18	4.86E-17	same
DG(16:1_18:1)	6.17	(3.26-9.17)	2.92E-05	4.64E-04	4.04	(3.07-5.03)	1.05E-15	1.80E-14	same
DG(16:0_18:2)	4.00	(1.57-6.48)	1.20E-03	6.49E-03	3.62	(2.72-4.52)	5.53E-15	7.59E-14	same
DG(18:0_18:1)	4.06	(1.71-6.46)	6.87E-04	4.23E-03	4.41	(3.51-5.31)	4.70E-21	4.51E-19	same
DG(18:0_18:2)	3.76	(1.3-6.29)	2.68E-03	1.27E-02	4.40	(3.41-5.39)	7.51E-18	2.57E-16	same
DG(16:0_20:4)	4.97	(2.34-7.66)	1.98E-04	1.61E-03	4.27	(3.25-5.3)	4.79E-16	9.59E-15	same
DG(18:1_20:4)	3.90	(1.68-6.16)	5.47E-04	3.60E-03	2.47	(1.71-3.22)	1.81E-10	1.10E-09	same
DG(16:0_22:5)	4.60	(2.03-7.23)	4.22E-04	2.89E-03	2.42	(1.46-3.38)	7.01E-07	2.39E-06	same
DG(18:2_20:4)	4.23	(1.78-6.73)	6.78E-04	4.23E-03	2.42	(1.55-3.3)	5.34E-08	2.23E-07	same
DG(16:0_22:6)	5.50	(2.13-8.99)	1.31E-03	6.84E-03	4.15	(2.87-5.45)	2.35E-10	1.41E-09	same
DG(18:1_22:6)	4.14	(1.32-7.04)	3.88E-03	1.73E-02	3.18	(2.04-4.34)	5.26E-08	2.22E-07	same
DG(18:2_22:6)	4.79	(1.45-8.24)	4.80E-03	2.04E-02	3.05	(1.87-4.24)	3.60E-07	1.28E-06	same
TG(48:0) [NL-18:0]	7.45	(3.74-11.29)	7.09E-05	8.54E-04	4.34	(2.99-5.71)	3.54E-10	2.07E-09	same
TG(48:1) [NL-16:1]	9.58	(5.88-13.41)	2.99E-07	1.32E-05	6.64	(5.32-7.97)	1.51E-22	3.62E-20	same
TG(48:1) [NL-18:1]	8.20	(3.97-12.59)	1.20E-04	1.17E-03	5.21	(3.76-6.69)	2.44E-12	2.13E-11	same
TG(48:2) [NL-14:0]	8.73	(4.41-13.22)	6.10E-05	7.91E-04	5.21	(3.73-6.72)	5.81E-12	4.73E-11	same
TG(48:2) [NL-14:1]	8.90	(4.81-13.16)	1.61E-05	3.36E-04	4.79	(3.42-6.18)	7.51E-12	5.72E-11	same
TG(48:2) [NL-16:1]	10.74	(6.57-15.07)	3.03E-07	1.32E-05	5.71	(4.32-7.12)	1.20E-15	1.99E-14	same
TG(48:2) [NL-18:2]	8.58	(4.3-13.04)	7.11E-05	8.54E-04	5.21	(3.68-6.77)	2.87E-11	2.03E-10	same
TG(48:3) [NL-14:0]	9.53	(5.17-14.08)	1.43E-05	3.28E-04	4.32	(2.9-5.76)	2.31E-09	1.14E-08	same
TG(48:3) [NL-16:1]	8.59	(4.99-12.31)	2.28E-06	6.49E-05	4.00	(2.79-5.24)	1.30E-10	8.10E-10	same
TG(48:3) [NL-18:3]	8.18	(3.69-12.86)	3.09E-04	2.27E-03	4.99	(3.41-6.59)	5.23E-10	2.92E-09	same
TG(49:1) [NL-17:1]	4.94	(2.47-7.47)	8.54E-05	9.54E-04	4.04	(3.11-4.97)	2.94E-17	8.82E-16	same
TG(50:1) [NL-14:0]	6.89	(3.47-10.42)	7.00E-05	8.54E-04	4.78	(3.52-6.05)	1.11E-13	1.24E-12	same
TG(50:1) [NL-16:0]	4.63	(2.1-7.22)	3.13E-04	2.27E-03	4.34	(3.39-5.3)	1.03E-18	4.12E-17	same
TG(50:1) [NL-18:1]	4.17	(1.73-6.68)	7.99E-04	4.74E-03	4.10	(3.16-5.05)	4.06E-17	1.08E-15	same
TG(50:2) [NL-14:0]	4.36	(1.14-7.69)	7.83E-03	3.01E-02	2.80	(1.76-3.86)	1.50E-07	5.54E-07	same
TG(50:2) [NL-16:1]	6.45	(3.42-9.58)	2.79E-05	4.62E-04	4.04	(3.07-5.02)	6.67E-16	1.28E-14	same
TG(50:2) [NL-18:1]	6.24	(3.2-9.38)	5.20E-05	7.33E-04	3.59	(2.65-4.54)	1.19E-13	1.30E-12	same
TG(50:2) [NL-18:2]	4.53	(2.11-7)	2.30E-04	1.78E-03	3.72	(2.82-4.62)	8.45E-16	1.53E-14	same
TG(50:3) [NL-14:0]	5.47	(1.88-9.18)	2.69E-03	1.27E-02	3.13	(1.93-4.34)	2.88E-07	1.04E-06	same
TG(50:3) [NL-14:1]	4.17	(1.33-7.09)	3.92E-03	1.73E-02	2.66	(1.69-3.63)	7.85E-08	3.14E-07	same
TG(50:3) [NL-16:1]	8.28	(4.83-11.85)	2.15E-06	6.49E-05	4.38	(3.28-5.5)	1.32E-14	1.67E-13	same
TG(50:3) [NL-18:2]	7.14	(3.78-10.61)	2.72E-05	4.62E-04	3.72	(2.65-4.81)	1.38E-11	1.00E-10	same
TG(50:3) [NL-18:3]	6.76	(3.2-10.44)	1.78E-04	1.52E-03	5.18	(3.92-6.44)	8.59E-16	1.53E-14	same
TG(50:4) [NL-14:0]	5.22	(1.61-8.96)	4.43E-03	1.92E-02	2.75	(1.47-4.04)	2.32E-05	6.36E-05	same
TG(50:4) [NL-18:3]	7.93	(4.25-11.74)	2.01E-05	4.02E-04	4.14	(2.91-5.38)	5.20E-11	3.51E-10	same
TG(50:4) [NL-20:4]	10.00	(5.69-14.48)	3.96E-06	1.00E-04	5.64	(4.02-7.29)	8.80E-12	6.60E-11	same
TG(51:1) [NL-17:0]	4.90	(2-7.89)	8.93E-04	5.23E-03	4.54	(3.5-5.59)	2.82E-17	8.82E-16	same
TG(51:2) [NL-17:0]	5.48	(2.52-8.52)	2.67E-04	2.03E-03	4.07	(3.06-5.09)	6.13E-15	8.18E-14	same
TG(51:2) [NL-17:1]	4.90	(2.22-7.65)	3.17E-04	2.27E-03	3.80	(2.86-4.74)	3.86E-15	5.98E-14	same
TG(52:1) [NL-18:0]	5.79	(2.8-8.86)	1.32E-04	1.22E-03	5.69	(4.53-6.86)	2.15E-21	2.58E-19	same
TG(52:1) [NL-18:1]	5.71	(2.83-8.68)	9.59E-05	1.00E-03	5.86	(4.73-7)	1.79E-23	8.60E-21	same
TG(52:2) [NL-18:2]	4.45	(2.1-6.85)	1.98E-04	1.61E-03	4.17	(3.27-5.07)	4.36E-19	2.33E-17	same
TG(52:3) [NL-16:1]	3.39	(0.97-5.88)	5.95E-03	2.36E-02	1.94	(1.21-2.66)	1.73E-07	6.33E-07	same
TG(52:4) [NL-16:1]	4.16	(1.08-7.34)	7.91E-03	3.01E-02	2.22	(1.27-3.18)	4.67E-06	1.43E-05	same
TG(52:4) [NL-18:3]	4.40	(1.43-7.46)	3.60E-03	1.63E-02	3.19	(2.17-4.21)	8.03E-10	4.24E-09	same
TG(52:5) [NL-18:3]	5.19	(2-8.47)	1.36E-03	6.99E-03	2.89	(1.78-4.01)	3.35E-07	1.20E-06	same
TG(52:5) [NL-20:4]	10.03	(6.39-13.8)	4.75E-08	4.56E-06	5.46	(4.2-6.74)	3.97E-17	1.08E-15	same

TG(52:5) [NL-20:5]	7.78	(4.53-11.13)	2.30E-06	6.49E-05	5.06	(3.69-6.44)	4.80E-13	4.70E-12	same
TG(54:1) [NL-18:1]	3.54	(1.13-6.02)	3.96E-03	1.73E-02	4.45	(3.57-5.34)	4.54E-22	7.26E-20	same
TG(54:2) [NL-18:0]	3.30	(0.94-5.71)	6.02E-03	2.36E-02	4.24	(3.35-5.13)	2.72E-20	1.63E-18	same
TG(54:3) [NL-18:2]	2.32	(0.48-4.19)	1.32E-02	4.65E-02	2.23	(1.57-2.89)	5.13E-11	3.51E-10	same
TG(54:4) [NL-20:3]	4.94	(2.41-7.54)	1.24E-04	1.19E-03	3.70	(2.83-4.58)	2.18E-16	4.75E-15	same
TG(54:5) [NL-20:4]	5.84	(3.43-8.3)	1.90E-06	6.49E-05	3.37	(2.55-4.2)	2.12E-15	3.39E-14	same
TG(54:6) [NL-20:4]	7.52	(4.68-10.44)	1.91E-07	1.15E-05	3.69	(2.71-4.68)	2.17E-13	2.27E-12	same
TG(54:6) [NL-20:5]	8.39	(5.04-11.85)	7.54E-07	3.02E-05	3.82	(2.52-5.13)	7.53E-09	3.51E-08	same
TG(54:6) [NL-22:6]	8.20	(4.48-12.06)	1.29E-05	3.10E-04	5.76	(4.33-7.22)	4.96E-15	7.00E-14	same
TG(54:7) [NL-20:5]	8.46	(5.22-11.8)	2.49E-07	1.32E-05	3.45	(2.17-4.75)	1.37E-07	5.08E-07	same
TG(54:7) [NL-22:6]	10.42	(6.51-14.47)	1.23E-07	9.83E-06	5.09	(3.68-6.52)	1.79E-12	1.62E-11	same
TG(56:6) [NL-20:4]	3.72	(1.91-5.57)	5.78E-05	7.86E-04	1.36	(0.85-1.88)	2.38E-07	8.65E-07	same
TG(56:6) [NL-22:5]	3.96	(1.82-6.14)	2.87E-04	2.15E-03	1.99	(1.2-2.77)	7.33E-07	2.46E-06	same
TG(56:7) [NL-20:4]	4.16	(1.73-6.64)	7.60E-04	4.56E-03	1.88	(1.14-2.62)	6.63E-07	2.29E-06	same
TG(56:7) [NL-20:5]	5.58	(2.64-8.6)	1.82E-04	1.54E-03	2.47	(1.35-3.61)	1.56E-05	4.46E-05	same
TG(56:7) [NL-22:5]	5.15	(2.46-7.91)	1.64E-04	1.46E-03	2.55	(1.61-3.5)	1.14E-07	4.45E-07	same
TG(56:7) [NL-22:6]	6.45	(3.01-10)	2.16E-04	1.70E-03	3.96	(2.65-5.28)	3.33E-09	1.61E-08	same
TG(56:8) [NL-20:4]	5.12	(2.54-7.75)	9.23E-05	1.00E-03	1.88	(1-2.77)	2.85E-05	7.72E-05	same
TG(56:8) [NL-20:5]	5.03	(2.01-8.13)	1.03E-03	5.94E-03	1.59	(0.43-2.77)	7.20E-03	1.26E-02	same
TG(56:8) [NL-22:6]	7.57	(4.02-11.24)	2.51E-05	4.62E-04	3.97	(2.64-5.31)	4.96E-09	2.38E-08	same
TG(56:9) [NL-22:6]	6.66	(3.29-10.14)	9.49E-05	1.00E-03	3.07	(1.89-4.27)	3.82E-07	1.35E-06	same
TG(58:10) [NL-22:6]	5.17	(1.89-8.56)	1.90E-03	9.52E-03	2.08	(0.92-3.25)	4.34E-04	9.92E-04	same
TG(58:8) [NL-22:6]	4.73	(1.39-8.18)	5.34E-03	2.16E-02	2.80	(1.58-4.04)	7.21E-06	2.15E-05	same
TG(58:9) [NL-22:6]	4.51	(1.17-7.97)	7.98E-03	3.02E-02	2.17	(0.97-3.38)	3.75E-04	8.69E-04	same
TG(O-50:1) [NL-17:1]	4.99	(2.47-7.57)	1.01E-04	1.03E-03	4.08	(3.14-5.03)	4.97E-17	1.26E-15	same
TG(O-52:2) [NL-17:1]	4.89	(2.19-7.66)	3.63E-04	2.52E-03	3.82	(2.87-4.77)	4.43E-15	6.45E-14	same
TG(O-52:2) [NL-18:1]	5.04	(2-8.16)	1.08E-03	6.15E-03	2.26	(1.27-3.27)	8.29E-06	2.44E-05	same
Cer(m18:0/22:0)	2.43	(0.5-4.39)	1.34E-02	4.68E-02	2.95	(2.15-3.76)	8.19E-13	7.86E-12	same
Cer(m18:0/24:1)	4.35	(2.12-6.63)	1.28E-04	1.20E-03	2.84	(2-3.68)	3.94E-11	2.74E-10	same
GM3(d18:1/24:0)	-2.41	(-3.83--0.96)	1.23E-03	6.55E-03	-1.92	(-2.46--1.39)	6.41E-12	5.13E-11	same
HexCer(d18:1/20:0)	-2.39	(-4.02--0.73)	5.05E-03	2.10E-02	-1.29	(-1.81--0.76)	2.18E-06	6.88E-06	same
HexCer(d18:1/22:0)	-2.35	(-3.8--0.88)	1.85E-03	9.34E-03	-0.92	(-1.41--0.43)	2.61E-04	6.17E-04	same
HexCer(d18:1/24:0)	-1.92	(-3.37--0.46)	1.03E-02	3.73E-02	-1.34	(-1.83--0.85)	1.19E-07	4.57E-07	same
Hex2Cer(d18:1/22:0)	-2.48	(-4.09--0.83)	3.43E-03	1.57E-02	-1.43	(-2--0.87)	8.84E-07	2.91E-06	same
Hex2Cer(d18:1/24:1)	-2.62	(-4.35--0.85)	3.91E-03	1.73E-02	-1.91	(-2.5--1.32)	5.82E-10	3.21E-09	same
Hex3Cer(d18:1/24:0)	-2.28	(-3.7--0.83)	2.21E-03	1.09E-02	-1.90	(-2.42--1.37)	6.58E-12	5.18E-11	same
SM(d18:1/14:0)/SM(d16:1/16:0)	2.11	(0.57-3.68)	7.37E-03	2.85E-02	0.72	(0.27-1.18)	1.93E-03	3.86E-03	same
SM(d18:2/14:0)	6.29	(4.83-7.77)	2.07E-16	9.93E-14	1.49	(1.01-1.98)	2.12E-09	1.07E-08	same
SM(34:3)	2.92	(1.38-4.49)	2.12E-04	1.70E-03	0.97	(0.49-1.46)	8.92E-05	2.27E-04	same
SM(38:3) (a)	1.93	(0.68-3.2)	2.56E-03	1.24E-02	0.56	(0.14-0.98)	8.55E-03	1.47E-02	same
SM(d16:1/24:1)	2.62	(1.12-4.15)	6.11E-04	3.91E-03	0.55	(0.05-1.05)	3.15E-02	4.75E-02	same
LPC(14:0) [sn2]	4.86	(2.45-7.33)	7.65E-05	8.95E-04	1.18	(0.41-1.96)	2.81E-03	5.40E-03	same
LPC(14:0) [sn1]	4.70	(2.35-7.09)	8.28E-05	9.46E-04	1.53	(0.78-2.3)	7.13E-05	1.84E-04	same
LPC(16:1) [sn2]	5.09	(3.19-7.03)	1.66E-07	1.14E-05	0.95	(0.37-1.53)	1.29E-03	2.69E-03	same
LPC(16:1) [sn1]	3.93	(2.1-5.79)	2.67E-05	4.62E-04	0.87	(0.34-1.4)	1.33E-03	2.76E-03	same
LPC(19:0) [sn1] (a) / LPC(19:0) [sn2] (b)	-2.26	(-3.96--0.53)	1.08E-02	3.85E-02	-2.28	(-2.79--1.76)	6.69E-17	1.61E-15	same
LPC(20:0) [sn1]	-3.35	(-4.85--1.82)	2.48E-05	4.62E-04	-2.10	(-2.58--1.62)	1.05E-16	2.41E-15	same
LPC(20:1) [sn1]	-2.32	(-3.93--0.7)	5.46E-03	2.19E-02	-1.86	(-2.38--1.33)	1.33E-11	9.82E-11	same
LPC(20:3) [sn2]	2.63	(0.79-4.5)	4.98E-03	2.10E-02	1.19	(0.56-1.83)	2.39E-04	5.67E-04	same
LPC(20:3) [104_sn1]	2.53	(0.51-4.6)	1.42E-02	4.91E-02	0.93	(0.28-1.58)	4.92E-03	8.95E-03	same
LPC(O-20:0)	-2.32	(-4.14--0.47)	1.46E-02	4.96E-02	-2.23	(-2.77--1.69)	4.19E-15	6.29E-14	same
LPC(O-22:0)	-1.92	(-3.1--0.72)	1.79E-03	9.15E-03	-1.43	(-1.85--1)	1.03E-10	6.79E-10	same
PC(32:1)	3.56	(1.41-5.75)	1.12E-03	6.20E-03	2.58	(1.77-3.39)	4.13E-10	2.39E-09	same
PC(14:0_20:4)	4.75	(2.3-7.26)	1.38E-04	1.25E-03	1.14	(0.28-2.01)	9.67E-03	1.64E-02	same
PC(34:5)	7.01	(3.69-10.43)	3.00E-05	4.64E-04	1.64	(0.4-2.9)	9.61E-03	1.64E-02	same
PC(17:0_18:2)	-2.03	(-3.62--0.41)	1.44E-02	4.92E-02	-1.17	(-1.68--0.65)	1.30E-05	3.74E-05	same
PC(16:0_20:3) (a)	-2.86	(-4.42--1.29)	4.47E-04	3.02E-03	-1.61	(-2.18--1.04)	5.63E-08	2.33E-07	same
PC(18:2_18:2)	-3.04	(-5.24--0.78)	8.73E-03	3.24E-02	-2.49	(-3.22--1.75)	1.24E-10	7.80E-10	same
PC(18:0_20:3)	5.35	(3.52-7.21)	1.22E-08	1.46E-06	3.69	(2.93-4.46)	1.54E-20	1.06E-18	same

PC(18:0_22:6)	3.01	(0.9-5.18)	5.22E-03	2.12E-02	1.19	(0.44-1.95)	1.98E-03	3.94E-03	same
PC(O-34:1)	-2.24	(-3.3--1.18)	4.84E-05	7.04E-04	-1.21	(-1.62--0.79)	2.44E-08	1.08E-07	same
PC(O-36:0)	-2.41	(-3.76--1.03)	6.74E-04	4.23E-03	-0.84	(-1.33--0.35)	9.07E-04	1.95E-03	same
PC(O-18:0/18:1)	-3.04	(-4.22--1.85)	1.05E-06	3.88E-05	-1.48	(-1.92--1.04)	1.07E-10	6.87E-10	same
PC(O-18:1/18:1)	-1.86	(-2.95--0.75)	1.12E-03	6.20E-03	-1.71	(-2.13--1.29)	1.10E-14	1.42E-13	same
PC(O-18:0/18:2)	-2.63	(-4.12--1.12)	7.48E-04	4.54E-03	-1.89	(-2.38--1.39)	4.43E-13	4.43E-12	same
PC(P-16:0/18:0)	-2.11	(-3.09--1.13)	3.73E-05	5.60E-04	-1.47	(-1.84--1.09)	1.05E-13	1.20E-12	same
PC(P-16:0/18:1)	-1.99	(-3.17--0.79)	1.27E-03	6.69E-03	-2.19	(-2.7--1.69)	2.94E-16	6.14E-15	same
PC(P-35:2) (b)	-2.72	(-4.69--0.7)	8.59E-03	3.22E-02	-2.14	(-2.83--1.45)	2.27E-09	1.13E-08	same
PC(P-18:0/18:2)	-2.97	(-4.48--1.45)	1.69E-04	1.48E-03	-2.58	(-3.1--2.06)	1.54E-20	1.06E-18	same
PE(16:0_16:1)	4.35	(0.88-7.95)	1.38E-02	4.78E-02	3.03	(1.74-4.33)	3.84E-06	1.18E-05	same
PE(18:0_20:3) (a)	3.60	(1.22-6.04)	3.02E-03	1.41E-02	2.90	(1.96-3.84)	1.44E-09	7.41E-09	same
PE(18:0_22:6)	3.81	(1.08-6.61)	6.06E-03	2.36E-02	1.67	(0.73-2.63)	5.37E-04	1.20E-03	same
PE(P-16:0/20:3)	4.14	(2.26-6.06)	1.60E-05	3.36E-04	1.10	(0.38-1.82)	2.78E-03	5.35E-03	same
PE(P-20:0/18:2)	-2.72	(-4.31--1.11)	1.09E-03	6.15E-03	-1.98	(-2.5--1.45)	1.04E-12	9.79E-12	same
PI(16:0_16:1)	8.42	(5.56-11.34)	6.42E-09	1.03E-06	3.85	(2.77-4.94)	3.76E-12	3.11E-11	same
PI(18:1_18:2)	-3.22	(-4.99--1.41)	5.62E-04	3.65E-03	-1.29	(-1.97--0.61)	2.16E-04	5.17E-04	same

Table S3E. The overlapping lipid species in the four lipid-adiposity association studies. Related to Figure 3.

Lipid Species	ppBMI (antenatal)				Adult BMI (postnatal)				Birth Weight (cord blood)				Child BMI (6-year-old)				Trend
	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	
CE(16:1)	-1.06	(-1.82--0.29)	7.23E-03	1.46E-02	2.17	(1.53-2.82)	6.89E-11	4.60E-10	0.98	(0.31-1.69)	3.55E-03	8.00E-03	5.77	(4.04-7.53)	9.25E-11	2.22E-08	different
DG(16:0_18:1)	1.33	(0.59-2.07)	4.36E-04	1.22E-03	4.26	(3.33-5.21)	1.32E-18	4.86E-17	-1.91	(-2.57--1.19)	1.35E-06	4.62E-06	3.90	(1.38-6.49)	2.40E-03	1.18E-02	different
DG(16:0_18:2)	0.92	(0.21-1.65)	1.15E-02	2.16E-02	3.62	(2.72-4.52)	5.53E-15	7.59E-14	-3.07	(-3.76--2.31)	1.09E-11	6.22E-11	4.00	(1.57-6.48)	1.20E-03	6.49E-03	different
DG(18:0_18:1)	1.36	(0.69-2.04)	7.91E-05	2.60E-04	4.41	(3.51-5.31)	4.70E-21	4.51E-19	-1.29	(-1.99--0.53)	1.23E-03	2.94E-03	4.06	(1.71-6.46)	6.87E-04	4.23E-03	different
DG(18:0_18:2)	0.99	(0.23-1.76)	1.04E-02	1.97E-02	4.40	(3.41-5.39)	7.51E-18	2.57E-16	-1.62	(-2.52--0.61)	2.43E-03	5.62E-03	3.76	(1.3-6.29)	2.68E-03	1.27E-02	different
DG(16:0_20:4)	1.19	(0.26-2.12)	1.22E-02	2.27E-02	4.27	(3.25-5.3)	4.79E-16	9.59E-15	-2.06	(-2.83--1.21)	9.20E-06	2.95E-05	4.97	(2.34-7.66)	1.98E-04	1.61E-03	different
DG(18:1_20:4)	1.14	(0.4-1.88)	2.42E-03	5.53E-03	2.47	(1.71-3.22)	1.81E-10	1.10E-09	-2.06	(-2.71--1.36)	1.08E-07	4.14E-07	3.90	(1.68-6.16)	5.47E-04	3.60E-03	different
DG(18:1_22:6)	1.53	(0.47-2.61)	4.63E-03	9.97E-03	3.18	(2.04-4.34)	5.26E-08	2.22E-07	-3.49	(-4.15--2.76)	7.44E-15	6.49E-14	4.14	(1.32-7.04)	3.88E-03	1.73E-02	different
DG(18:2_22:6)	1.52	(0.42-2.63)	6.55E-03	1.35E-02	3.05	(1.87-4.24)	3.60E-07	1.28E-06	-4.00	(-4.74--3.16)	9.00E-14	6.75E-13	4.79	(1.45-8.24)	4.80E-03	2.04E-02	different
TG(48:0) [NL-18:0]	-1.56	(-2.43--0.68)	5.76E-04	1.53E-03	4.34	(2.99-5.71)	3.54E-10	2.07E-09	-1.44	(-2.28--0.51)	3.14E-03	7.14E-03	7.45	(3.74-11.29)	7.09E-05	8.54E-04	different
TG(48:2) [NL-14:1]	-1.20	(-2.25--0.13)	2.78E-02	4.70E-02	4.79	(3.42-6.18)	7.51E-12	5.72E-11	-3.06	(-3.81--2.23)	4.50E-10	2.23E-09	8.90	(4.81-13.16)	1.61E-05	3.36E-04	different
TG(48:2) [NL-18:2]	-1.16	(-2.2--0.12)	2.91E-02	4.87E-02	5.21	(3.68-6.77)	2.87E-11	2.03E-10	-4.14	(-4.86--3.32)	5.42E-15	4.91E-14	8.58	(4.3-13.04)	7.11E-05	8.54E-04	different
TG(48:3) [NL-14:0]	-1.51	(-2.64--0.37)	9.55E-03	1.85E-02	4.32	(2.9-5.76)	2.31E-09	1.14E-08	-4.04	(-4.73--3.26)	1.02E-15	1.04E-14	9.53	(5.17-14.08)	1.43E-05	3.28E-04	different
TG(48:3) [NL-18:3]	-1.81	(-3.07--0.53)	5.76E-03	1.21E-02	4.99	(3.41-6.59)	5.23E-10	2.92E-09	-3.23	(-3.91--2.48)	8.75E-13	5.83E-12	8.18	(3.69-12.86)	3.09E-04	2.27E-03	different
TG(50:1) [NL-16:0]	0.83	(0.22-1.43)	7.27E-03	1.46E-02	4.34	(3.39-5.3)	1.03E-18	4.12E-17	-2.49	(-3.25--1.64)	2.17E-07	8.15E-07	4.63	(2.1-7.22)	3.13E-04	2.27E-03	different
TG(50:1) [NL-18:1]	0.76	(0.18-1.34)	1.03E-02	1.97E-02	4.10	(3.16-5.05)	4.06E-17	1.08E-15	-2.47	(-3.24--1.62)	2.61E-07	9.63E-07	4.17	(1.73-6.68)	7.99E-04	4.74E-03	different
TG(50:2) [NL-14:0]	-0.65	(-1.21--0.07)	2.69E-02	4.57E-02	2.80	(1.76-3.86)	1.50E-07	5.54E-07	-3.34	(-4.1--2.48)	1.16E-10	6.01E-10	4.36	(1.14-7.69)	7.83E-03	3.01E-02	different
TG(50:2) [NL-18:2]	0.66	(0.08-1.24)	2.58E-02	4.41E-02	3.72	(2.82-4.62)	8.45E-16	1.53E-14	-4.17	(-4.92--3.31)	5.26E-14	4.14E-13	4.53	(2.11-7)	2.30E-04	1.78E-03	different
TG(52:1) [NL-18:0]	1.38	(0.59-2.18)	6.58E-04	1.73E-03	5.69	(4.53-6.86)	2.15E-21	2.58E-19	-1.86	(-2.76--0.83)	6.81E-04	1.69E-03	5.79	(2.8-8.86)	1.32E-04	1.22E-03	different
TG(52:1) [NL-18:1]	1.45	(0.69-2.23)	2.04E-04	6.17E-04	5.86	(4.73-7)	1.79E-23	8.60E-21	-1.80	(-2.71--0.77)	9.96E-04	2.41E-03	5.71	(2.83-8.68)	9.59E-05	1.00E-03	different
TG(54:1) [NL-18:1]	0.99	(0.32-1.66)	3.57E-03	8.00E-03	4.45	(3.57-5.34)	4.54E-22	7.26E-20	-1.64	(-2.56--0.59)	2.89E-03	6.61E-03	3.54	(1.13-6.02)	3.96E-03	1.73E-02	different
TG(54:2) [NL-18:0]	1.41	(0.72-2.1)	6.55E-05	2.23E-04	4.24	(3.35-5.13)	2.72E-20	1.63E-18	-1.85	(-2.69--0.91)	2.40E-04	6.39E-04	3.30	(0.94-5.71)	6.02E-03	2.36E-02	different
TG(54:3) [NL-18:2]	0.72	(0.14-1.3)	1.43E-02	2.59E-02	2.23	(1.57-2.89)	5.13E-11	3.51E-10	-3.06	(-3.75--2.3)	1.28E-11	7.23E-11	2.32	(0.48-4.19)	1.32E-02	4.65E-02	different
TG(54:5) [NL-20:4]	1.04	(0.38-1.71)	1.91E-03	4.51E-03	3.37	(2.55-4.2)	2.12E-15	3.39E-14	-3.73	(-4.49--2.86)	4.40E-12	2.64E-11	5.84	(3.43-8.3)	1.90E-06	6.49E-05	different
TG(54:6) [NL-20:4]	1.16	(0.33-2)	6.24E-03	1.29E-02	3.69	(2.71-4.68)	2.17E-13	2.27E-12	-4.11	(-4.83--3.28)	1.19E-14	9.81E-14	7.52	(4.68-10.44)	1.91E-07	1.15E-05	different
TG(54:6) [NL-22:6]	1.79	(0.57-3.02)	4.10E-03	9.06E-03	5.76	(4.33-7.22)	4.96E-15	7.00E-14	-5.16	(-5.83--4.38)	1.98E-20	5.23E-19	8.20	(4.48-12.06)	1.29E-05	3.10E-04	different
TG(56:6) [NL-20:4]	1.34	(0.81-1.87)	7.12E-07	3.60E-06	1.36	(0.85-1.88)	2.38E-07	8.65E-07	-3.00	(-3.77--2.15)	1.89E-09	8.92E-09	3.72	(1.91-5.57)	5.78E-05	7.86E-04	different
TG(56:7) [NL-20:4]	1.02	(0.35-1.7)	2.84E-03	6.40E-03	1.88	(1.14-2.62)	6.63E-07	2.29E-06	-3.66	(-4.41--2.81)	3.38E-12	2.08E-11	4.16	(1.73-6.64)	7.60E-04	4.56E-03	different
TG(56:7) [NL-22:6]	1.93	(0.84-3.04)	4.97E-04	1.35E-03	3.96	(2.65-5.28)	3.33E-09	1.61E-08	-5.07	(-5.72--4.33)	1.85E-21	7.12E-20	6.45	(3.01-10)	2.16E-04	1.70E-03	different
TG(56:8) [NL-22:6]	1.76	(0.54-2.99)	4.49E-03	9.76E-03	3.97	(2.64-5.31)	4.96E-09	2.38E-08	-5.36	(-5.97--4.65)	1.69E-24	1.02E-22	7.57	(4.02-11.24)	2.51E-05	4.62E-04	different
TG(58:8) [NL-22:6]	1.46	(0.38-2.56)	7.98E-03	1.58E-02	2.80	(1.58-4.04)	7.21E-06	2.15E-05	-4.50	(-5.16--3.76)	3.67E-19	7.05E-18	4.73	(1.39-8.18)	5.34E-03	2.16E-02	different
Cer(m18:0/24:1)	1.15	(0.26-2.04)	1.11E-02	2.08E-02	2.84	(2-3.68)	3.94E-11	2.74E-10	-1.46	(-2.42--0.37)	9.81E-03	2.02E-02	4.35	(2.12-6.63)	1.28E-04	1.20E-03	different
LPC(20:1) [sn1]	-0.62	(-1.08--0.15)	9.49E-03	1.84E-02	-1.86	(-2.38--1.33)	1.33E-11	9.82E-11	1.75	(1.27-2.25)	1.55E-13	1.12E-12	-2.32	(-3.93--0.7)	5.46E-03	2.19E-02	different
LPC(20:3) [sn2]	1.05	(0.4-1.7)	1.48E-03	3.59E-03	1.19	(0.56-1.83)	2.39E-04	5.67E-04	2.58	(1.91-3.3)	1.79E-15	1.72E-14	2.63	(0.79-4.5)	4.98E-03	2.10E-02	same
LPC(20:3) [104_sn1]	1.42	(0.72-2.12)	7.46E-05	2.47E-04	0.93	(0.28-1.58)	4.92E-03	8.95E-03	3.22	(2.49-3.99)	9.49E-21	2.85E-19	2.53	(0.51-4.6)	1.42E-02	4.91E-02	same
PC(17:0_18:2)	-1.54	(-2.08--1)	3.86E-08	2.57E-07	-1.17	(-1.68--0.65)	1.30E-05	3.74E-05	-1.28	(-1.84--0.68)	5.78E-05	1.69E-04	-2.03	(-3.62--0.41)	1.44E-02	4.92E-02	same
PC(O-18:0/18:1)	-1.51	(-1.98--1.03)	1.00E-09	1.02E-08	-1.48	(-1.92--1.04)	1.07E-10	6.87E-10	1.31	(0.62-2.05)	1.35E-04	3.71E-04	-3.04	(-4.22--1.85)	1.05E-06	3.88E-05	different
PC(O-18:1/18:1)	-1.20	(-1.66--0.74)	4.16E-07	2.24E-06	-1.71	(-2.13--1.29)	1.10E-14	1.42E-13	0.71	(0.11-1.35)	2.01E-02	3.86E-02	-1.86	(-2.95--0.75)	1.12E-03	6.20E-03	different
PC(P-35:2) (b)	-1.83	(-2.55--1.1)	1.07E-06	5.20E-06	-2.14	(-2.83--1.45)	2.27E-09	1.13E-08	-1.45	(-2.06--0.79)	3.89E-05	1.15E-04	-2.72	(-4.69--0.7)	8.59E-03	3.22E-02	same
PE(18:0_22:6)	1.34	(0.55-2.14)	8.34E-04	2.13E-03	1.67	(0.73-2.63)	5.37E-04	1.20E-03	-1.61	(-2.34--0.8)	2.02E-04	5.43E-04	3.81	(1.08-6.61)	6.06E-03	2.36E-02	different
PI(18:1_18:2)	-2.66	(-3.29--2.03)	1.11E-15	5.91E-14	-1.29	(-1.97--0.61)	2.16E-04	5.17E-04	-1.47	(-1.98--0.93)	4.93E-07	1.78E-06	-3.22	(-4.99--1.41)	5.62E-04	3.65E-03	same

Table S4A. Sex difference in association studies with birth weight and child BMI in terms of class levels.

Lipid Class	Birth Weight (cord blood) - Male adjusted for ethnicity, maternal age, maternal education level, pre-pregnancy BMI, total gestational weight gain, gestational age and parity				Birth Weight (cord blood) -Female adjusted for ethnicity, maternal age, maternal education level, pre-pregnancy BMI, total gestational weight gain, gestational age and parity				Child BMI (6-year-old) - Male adjusted for ethnicity and maternal education level				Child BMI (6-year-old) -Female adjusted for ethnicity and maternal education level			
	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)
AC	-0.87	(-1.54--0.15)	1.90E-02	3.96E-02	-0.06	(-0.91- 0.87)	8.95E-01	9.66E-01	-0.13	(-2.08-1.86)	8.98E-01	9.35E-01	-1.79	(-4.19- 0.68)	1.53E-01	4.77E-01
CE	-0.44	(-0.99- 0.14)	1.36E-01	2.12E-01	-0.06	(-0.79- 0.74)	8.84E-01	9.66E-01	0.36	(-0.87-1.61)	5.63E-01	7.19E-01	0.71	(-0.70- 2.13)	3.22E-01	5.75E-01
DG	-2.70	(-3.37--1.97)	3.67E-10	2.29E-09	-1.42	(-2.40--0.32)	1.34E-02	4.17E-02	1.75	(-1.03-4.60)	2.18E-01	6.07E-01	4.47	(1.03- 8.02)	1.08E-02	9.02E-02
TG	-3.85	(-4.60--3.01)	9.57E-13	1.20E-11	-2.25	(-3.47--0.80)	3.73E-03	1.33E-02	3.11	(0.51-5.78)	1.89E-02	4.73E-01	4.46	(1.23- 7.80)	6.78E-03	8.48E-02
TG(O)	-3.00	(-3.77--2.14)	4.15E-09	2.08E-08	-2.25	(-3.29--1.04)	6.13E-04	2.55E-03	2.70	(-0.12-5.59)	6.05E-02	6.07E-01	3.59	(-0.10- 7.40)	5.63E-02	2.81E-01
dhCer	-0.17	(-1.00- 0.74)	7.03E-01	8.36E-01	-0.41	(-1.38- 0.67)	4.37E-01	8.87E-01	0.94	(-1.19-3.12)	3.88E-01	6.47E-01	0.67	(-1.69- 3.08)	5.80E-01	7.94E-01
Cer	-0.63	(-1.30- 0.08)	8.20E-02	1.46E-01	-0.01	(-0.90- 0.97)	9.81E-01	9.81E-01	0.60	(-1.14-2.36)	5.02E-01	6.97E-01	0.48	(-1.32- 2.33)	6.00E-01	7.94E-01
DeoxyCer	-2.13	(-2.82--1.37)	5.38E-07	2.24E-06	-1.97	(-2.84--0.99)	2.03E-04	1.02E-03	1.15	(-0.99-3.33)	2.95E-01	6.20E-01	2.73	(-0.07- 5.61)	5.59E-02	2.81E-01
GM3	-0.41	(-1.25- 0.50)	3.60E-01	4.91E-01	-0.17	(-1.25- 1.05)	7.78E-01	9.66E-01	-1.01	(-2.59-0.59)	2.14E-01	6.07E-01	-1.94	(-4.02- 0.18)	7.18E-02	2.96E-01
HexCer	0.33	(-0.63- 1.39)	5.16E-01	6.44E-01	0.06	(-1.03- 1.29)	9.15E-01	9.66E-01	-0.89	(-2.66-0.91)	3.29E-01	6.28E-01	-2.84	(-4.69--0.95)	3.67E-03	8.48E-02
Hex2Cer	-0.41	(-1.26- 0.52)	3.74E-01	4.91E-01	-0.41	(-1.46- 0.77)	4.82E-01	8.87E-01	-1.03	(-3.16-1.16)	3.52E-01	6.28E-01	-1.47	(-4.02- 1.15)	2.68E-01	5.15E-01
Hex3Cer	-0.39	(-1.12- 0.40)	3.27E-01	4.81E-01	-0.35	(-1.29- 0.70)	4.99E-01	8.87E-01	-1.00	(-2.45-0.47)	1.78E-01	6.07E-01	-1.19	(-2.97- 0.63)	1.98E-01	4.78E-01
SM	-0.09	(-0.77- 0.64)	8.03E-01	8.36E-01	-0.05	(-0.90- 0.88)	9.10E-01	9.66E-01	-0.57	(-2.14-1.03)	4.81E-01	6.97E-01	-0.38	(-2.32- 1.59)	6.99E-01	7.94E-01
LPC	2.24	(1.55- 2.97)	2.84E-11	2.37E-10	2.30	(1.49- 3.17)	5.89E-09	7.37E-08	-0.86	(-3.09-1.41)	4.52E-01	6.97E-01	1.77	(-0.96- 4.58)	2.05E-01	4.78E-01
LPC(O)	1.34	(0.75- 1.96)	5.46E-06	1.71E-05	1.33	(0.66- 2.05)	7.05E-05	4.41E-04	-1.44	(-3.53-0.70)	1.84E-01	6.07E-01	1.07	(-1.41- 3.61)	3.99E-01	6.66E-01
LPC(P)	1.51	(0.88- 2.17)	1.27E-06	4.54E-06	1.44	(0.73- 2.19)	4.20E-05	3.50E-04	-1.31	(-3.56-0.99)	2.60E-01	6.20E-01	1.59	(-1.04- 4.29)	2.36E-01	4.91E-01
LPE	2.54	(1.82- 3.30)	3.66E-13	9.16E-12	2.67	(1.78- 3.62)	5.31E-10	1.33E-08	-1.66	(-3.45-0.17)	7.42E-02	6.07E-01	-0.61	(-2.99- 1.82)	6.18E-01	7.94E-01
PC	-0.56	(-1.19- 0.12)	1.04E-01	1.74E-01	-0.42	(-1.24- 0.47)	3.44E-01	8.60E-01	-0.21	(-1.73-1.33)	7.82E-01	8.51E-01	-0.20	(-2.08- 1.73)	8.39E-01	9.03E-01
PC(O)	-0.10	(-0.84- 0.69)	7.92E-01	8.36E-01	-0.04	(-0.94- 0.94)	9.28E-01	9.66E-01	0.02	(-1.71-1.78)	9.82E-01	9.82E-01	-0.05	(-2.12- 2.06)	9.61E-01	9.61E-01
PC(P)	-1.00	(-1.68--0.27)	8.01E-03	2.00E-02	-0.71	(-1.57- 0.24)	1.35E-01	3.76E-01	-0.32	(-2.14-1.53)	7.30E-01	8.29E-01	-0.50	(-2.70- 1.75)	6.59E-01	7.94E-01
PE	-1.12	(-1.79--0.39)	3.12E-03	8.68E-03	-0.45	(-1.43- 0.63)	3.94E-01	8.87E-01	0.74	(-2.19-3.76)	6.24E-01	7.42E-01	-0.76	(-4.33- 2.94)	6.81E-01	7.94E-01
PE(O)	-0.08	(-0.84- 0.74)	8.36E-01	8.36E-01	0.06	(-0.88- 1.10)	9.06E-01	9.66E-01	0.68	(-1.70-3.13)	5.75E-01	7.19E-01	1.01	(-1.85- 3.96)	4.91E-01	7.67E-01
PE(P)	-0.11	(-0.83- 0.66)	7.63E-01	8.36E-01	0.20	(-0.78- 1.29)	7.03E-01	9.66E-01	1.42	(-0.67-3.54)	1.83E-01	6.07E-01	1.57	(-0.89- 4.09)	2.11E-01	4.78E-01
PG	-1.47	(-2.50--0.31)	1.49E-02	3.39E-02	-0.23	(-1.74- 1.56)	7.86E-01	9.66E-01	1.59	(-1.39-4.66)	2.98E-01	6.20E-01	3.25	(-0.42- 7.06)	8.29E-02	2.96E-01
PI	-0.58	(-1.07--0.06)	2.80E-02	5.38E-02	-0.23	(-0.90- 0.50)	5.32E-01	8.87E-01	-1.23	(-2.80-0.37)	1.30E-01	6.07E-01	-0.18	(-2.27- 1.95)	8.67E-01	9.03E-01

Table S4B. Sex difference in association studies with birth weight and child BMI in terms of species levels.

Studies		Birth Weight (cord blood) - Male adjusted for ethnicity, maternal age, maternal education level, pre-pregnancy BMI, total gestational weight gain, gestational age and parity				Birth Weight (cord blood) - Female adjusted for ethnicity, maternal age, maternal education level, pre-pregnancy BMI, total gestational weight gain, gestational age and parity				Child BMI (6-year-old) - Male adjusted for ethnicity and maternal education level				Child BMI (6-year-old) - Female adjusted for ethnicity and maternal education level			
No.	Lipid Species	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)
1	AC(12:0)	-1.55	(-2.29--0.75)	2.80E-04	8.56E-04	-1.39	(-2.33--0.33)	1.19E-02	4.10E-02	-0.10	(-3.26- 3.15)	9.49E-01	9.83E-01	-2.70	(-6.60- 1.35)	1.87E-01	3.70E-01
2	AC(13:0)	-1.05	(-2.40- 0.54)	1.83E-01	2.90E-01	-1.14	(-2.80- 0.89)	2.49E-01	4.38E-01	3.09	(-1.44- 7.82)	1.83E-01	4.24E-01	-1.31	(-6.81- 4.51)	6.50E-01	8.08E-01
3	AC(14:0)	-1.18	(-1.87--0.42)	3.07E-03	8.02E-03	-0.61	(-1.54- 0.43)	2.43E-01	4.31E-01	0.19	(-2.16- 2.60)	8.75E-01	9.47E-01	-2.93	(-5.92- 0.14)	6.12E-02	1.88E-01
4	AC(14:1)	-0.99	(-1.84--0.05)	3.96E-02	7.73E-02	-1.10	(-2.13- 0.06)	6.17E-02	1.56E-01	-0.67	(-4.11- 2.88)	7.04E-01	8.83E-01	-3.22	(-7.33- 1.06)	1.37E-01	3.14E-01
5	AC(14:2)	-1.15	(-1.83--0.41)	2.88E-03	7.61E-03	-0.59	(-1.49- 0.41)	2.40E-01	4.30E-01	-0.20	(-3.28- 2.98)	9.02E-01	9.64E-01	-2.92	(-6.94- 1.28)	1.69E-01	3.54E-01
6	AC(16:0)	-0.83	(-1.49--0.11)	2.41E-02	5.01E-02	0.25	(-0.63- 1.20)	5.89E-01	7.63E-01	0.21	(-1.33- 1.76)	7.92E-01	9.16E-01	-1.11	(-3.00- 0.81)	2.53E-01	4.44E-01
7	AC(16:1)	-1.15	(-1.98--0.25)	1.40E-02	3.08E-02	-0.62	(-1.64- 0.54)	2.82E-01	4.75E-01	0.97	(-1.63- 3.64)	4.67E-01	7.19E-01	-1.48	(-4.69- 1.83)	3.73E-01	5.66E-01
8	AC(18:0)	-1.07	(-1.70--0.38)	2.94E-03	7.72E-03	-0.25	(-1.12- 0.69)	5.85E-01	7.61E-01	-1.51	(-3.37- 0.38)	1.16E-01	3.23E-01	-2.29	(-4.23--0.31)	2.42E-02	1.13E-01
9	AC(18:1)	-0.19	(-1.08- 0.78)	6.86E-01	7.66E-01	0.76	(-0.31- 1.94)	1.69E-01	3.37E-01	-0.29	(-2.16- 1.62)	7.66E-01	9.12E-01	-0.68	(-2.84- 1.53)	5.43E-01	7.15E-01
10	AC(18:2)	-1.15	(-1.90--0.32)	7.70E-03	1.82E-02	0.80	(-0.23- 1.94)	1.33E-01	2.80E-01	0.07	(-1.58- 1.75)	9.34E-01	9.76E-01	-0.58	(-2.82- 1.71)	6.12E-01	7.74E-01
11	CE(14:0)	-0.36	(-1.04- 0.36)	3.17E-01	4.49E-01	-0.68	(-1.50- 0.21)	1.30E-01	2.75E-01	2.68	(0.50- 4.90)	1.59E-02	9.00E-02	1.44	(-1.34- 4.29)	3.10E-01	5.08E-01
12	CE(16:1)	1.66	(0.73- 2.66)	3.09E-04	9.28E-04	0.19	(-0.76- 1.24)	7.07E-01	8.47E-01	5.39	(3.07- 7.76)	6.25E-06	1.50E-03	6.14	(3.51- 8.85)	6.52E-06	1.04E-03
13	CE(18:0)	0.37	(-0.68- 1.54)	5.01E-01	6.25E-01	0.32	(-0.81- 1.60)	5.90E-01	7.63E-01	-0.70	(-2.78- 1.44)	5.18E-01	7.51E-01	2.88	(-0.05- 5.89)	5.41E-02	1.76E-01
14	CE(18:1)	0.38	(-0.21- 1.02)	2.13E-01	3.28E-01	-0.15	(-0.78- 0.51)	6.38E-01	8.04E-01	0.10	(-0.92- 1.13)	8.48E-01	9.40E-01	0.71	(-0.63- 2.07)	2.96E-01	4.94E-01
15	CE(18:2)	-0.77	(-1.37--0.12)	2.02E-02	4.22E-02	0.13	(-0.70- 1.04)	7.60E-01	8.85E-01	0.13	(-1.29- 1.57)	8.59E-01	9.40E-01	0.65	(-0.78- 2.09)	3.74E-01	5.66E-01
16	CE(18:3)	0.10	(-0.98- 1.31)	8.60E-01	9.13E-01	0.68	(-0.71- 2.27)	3.52E-01	5.54E-01	2.38	(-0.29- 5.11)	8.07E-02	2.53E-01	3.38	(-0.03- 6.90)	5.17E-02	1.71E-01
17	CE(20:1)	1.28	(0.11- 2.58)	3.06E-02	6.24E-02	-0.37	(-1.47- 0.88)	5.44E-01	7.32E-01	-1.79	(-3.52--0.02)	4.70E-02	1.97E-01	-0.44	(-2.40- 1.55)	6.58E-01	8.10E-01
18	CE(20:2)	1.17	(0.30- 2.12)	7.56E-03	1.80E-02	0.23	(-0.68- 1.22)	6.38E-01	8.04E-01	0.00	(-1.42- 1.44)	9.99E-01	9.99E-01	0.94	(-0.79- 2.70)	2.86E-01	4.81E-01
19	CE(20:4)	-0.38	(-1.07- 0.37)	3.11E-01	4.44E-01	0.18	(-0.76- 1.21)	7.14E-01	8.47E-01	0.77	(-1.10- 2.67)	4.20E-01	6.78E-01	-0.10	(-2.65- 2.52)	9.42E-01	9.75E-01
20	CE(20:5)	-2.79	(-4.02--1.30)	6.99E-04	2.00E-03	-1.80	(-3.35- 0.12)	6.47E-02	1.61E-01	4.14	(0.08- 8.37)	4.58E-02	1.95E-01	3.58	(-2.12- 9.61)	2.21E-01	4.16E-01
21	CE(22:5) (n6)	0.42	(-0.56- 1.51)	4.11E-01	5.44E-01	0.44	(-0.74- 1.76)	4.80E-01	6.66E-01	0.91	(-0.98- 2.84)	3.44E-01	6.22E-01	1.14	(-0.95- 3.27)	2.87E-01	4.81E-01
22	CE(22:6)	-2.22	(-3.18--1.13)	1.99E-04	6.27E-04	-1.50	(-2.75--0.05)	4.32E-02	1.18E-01	2.64	(-0.21- 5.56)	6.93E-02	2.38E-01	1.44	(-1.89- 4.88)	3.98E-01	5.90E-01
23	CE(24:5)	-2.66	(-3.77--1.34)	2.75E-04	8.45E-04	-3.18	(-4.29--1.85)	3.17E-05	3.05E-04	-2.06	(-4.70- 0.66)	1.35E-01	3.48E-01	-0.11	(-2.85- 2.70)	9.37E-01	9.75E-01
24	CE(24:6)	-0.72	(-1.96- 0.72)	3.11E-01	4.44E-01	-1.59	(-2.88--0.06)	4.25E-02	1.16E-01	-0.14	(-2.51- 2.29)	9.08E-01	9.66E-01	2.09	(-1.39- 5.69)	2.41E-01	4.32E-01
25	DG(16:0_16:1)	-1.88	(-2.82--0.81)	9.94E-04	2.76E-03	-0.43	(-1.79- 1.15)	5.71E-01	7.51E-01	5.60	(2.49- 8.79)	4.07E-04	1.50E-02	7.08	(2.48-11.88)	2.47E-03	2.97E-02
26	DG(14:0_18:2)	-3.22	(-4.38--1.82)	5.89E-05	2.02E-04	-2.69	(-4.28--0.66)	1.23E-02	4.20E-02	4.96	(0.30- 9.84)	3.66E-02	1.64E-01	9.36	(3.33-15.75)	2.21E-03	2.72E-02
27	DG(16:0_18:1)	-2.54	(-3.32--1.67)	3.15E-07	1.41E-06	-0.88	(-2.05- 0.45)	1.84E-01	3.57E-01	2.76	(-0.43- 6.05)	9.02E-02	2.70E-01	5.44	(1.29- 9.76)	1.01E-02	6.90E-02
28	DG(16:1_18:1)	-2.51	(-3.34--1.57)	2.13E-06	8.66E-06	-1.33	(-2.53- 0.06)	5.94E-02	1.53E-01	5.07	(1.31- 8.98)	8.12E-03	6.04E-02	7.86	(3.21-12.72)	8.87E-04	1.90E-02
29	DG(16:0_18:2)	-3.79	(-4.59--2.88)	3.80E-11	3.04E-10	-1.96	(-3.17--0.53)	9.02E-03	3.16E-02	2.63	(-0.54- 5.90)	1.04E-01	2.94E-01	5.97	(2.18- 9.90)	2.02E-03	2.63E-02
30	DG(18:0_18:1)	-1.73	(-2.56--0.81)	4.38E-04	1.29E-03	-0.61	(-1.82- 0.78)	3.72E-01	5.75E-01	2.91	(0.07- 5.84)	4.47E-02	1.93E-01	5.77	(1.69-10.00)	5.45E-03	4.59E-02
31	DG(18:1_18:1)	-2.22	(-3.01--1.33)	6.57E-06	2.50E-05	-1.24	(-2.31--0.02)	4.73E-02	1.27E-01	1.16	(-1.81- 4.23)	4.45E-01	6.97E-01	3.38	(-0.31- 7.20)	7.26E-02	2.10E-01
32	DG(18:0_18:2)	-2.55	(-3.58--1.36)	1.20E-04	3.97E-04	-0.19	(-1.81- 1.76)	8.38E-01	9.33E-01	2.56	(-0.52- 5.74)	1.03E-01	2.93E-01	5.71	(1.57-10.02)	6.78E-03	5.51E-02
33	DG(18:1_18:2)	-3.75	(-4.45--2.96)	9.13E-14	1.14E-12	-2.19	(-3.30--0.90)	1.57E-03	6.92E-03	0.82	(-2.10- 3.83)	5.85E-01	8.05E-01	3.57	(0.14- 7.13)	4.14E-02	1.54E-01
34	DG(18:2_18:2)	-4.90	(-5.67--3.99)	1.12E-14	1.85E-13	-2.89	(-4.13--1.39)	5.37E-04	2.93E-03	1.30	(-2.03- 4.75)	4.46E-01	6.97E-01	4.10	(0.00- 8.37)	4.99E-02	1.71E-01
35	DG(18:1_18:3)	-3.19	(-4.08--2.15)	1.73E-07	8.05E-07	-1.52	(-2.89- 0.12)	6.76E-02	1.67E-01	1.95	(-1.75- 5.79)	3.04E-01	5.75E-01	5.41	(1.17- 9.83)	1.23E-02	7.46E-02
36	DG(16:0_20:4)	-2.73	(-3.63--1.69)	3.52E-06	1.39E-05	-0.95	(-2.29- 0.63)	2.23E-01	4.08E-01	4.44	(1.01- 7.98)	1.10E-02	6.76E-02	6.02	(1.85-10.35)	4.58E-03	4.18E-02
37	DG(18:1_20:3)	-0.41	(-1.44- 0.75)	4.76E-01	6.03E-01	0.00	(-1.21- 1.38)	9.99E-01	9.99E-01	-0.05	(-3.17- 3.18)	9.77E-01	9.94E-01	3.24	(-0.57- 7.20)	9.57E-02	2.50E-01
38	DG(18:1_20:4)	-2.44	(-3.23--1.56)	9.71E-07	4.02E-06	-1.43	(-2.51--0.20)	2.48E-02	7.31E-02	3.22	(0.37- 6.14)	2.67E-02	1.29E-01	5.18	(1.62- 8.87)	4.35E-03	4.17E-02
39	DG(16:0_22:5)	-2.24	(-3.18--1.17)	1.36E-04	4.40E-04	-1.33	(-2.64- 0.22)	8.92E-02	2.04E-01	2.97	(-0.34- 6.39)	7.91E-02	2.50E-01	7.25	(3.11-11.56)	5.90E-04	1.57E-02

40	DG(18:2_20:4)	-3.51	(-4.37--2.51)	7.48E-09	4.23E-08	-2.60	(-3.82--1.13)	1.21E-03	5.67E-03	3.79	(0.56- 7.13)	2.13E-02	1.10E-01	5.07	(1.23- 9.06)	9.64E-03	6.72E-02
41	DG(16:0_22:6)	-4.54	(-5.36--3.59)	1.43E-12	1.43E-11	-3.35	(-4.46--2.00)	1.79E-05	1.87E-04	5.24	(0.67-10.01)	2.42E-02	1.21E-01	5.67	(0.73-10.85)	2.43E-02	1.13E-01
42	DG(18:1_22:5)	-1.93	(-2.92--0.80)	1.41E-03	3.82E-03	-1.94	(-3.11--0.58)	6.78E-03	2.58E-02	0.81	(-2.44- 4.17)	6.28E-01	8.41E-01	2.39	(-0.96- 5.86)	1.63E-01	3.44E-01
43	DG(18:1_22:6)	-3.76	(-4.58--2.81)	1.91E-10	1.37E-09	-3.07	(-4.12--1.81)	1.92E-05	1.92E-04	3.21	(-0.40- 6.95)	8.20E-02	2.56E-01	5.85	(1.28-10.63)	1.20E-02	7.38E-02
44	DG(18:2_22:6)	-4.58	(-5.42--3.59)	5.13E-12	4.56E-11	-3.08	(-4.42--1.43)	7.99E-04	4.00E-03	3.42	(-0.90- 7.93)	1.21E-01	3.31E-01	7.28	(1.88-12.98)	8.03E-03	6.02E-02
45	TG(48:0) [NL-18:0]	-2.22	(-3.17--1.13)	1.87E-04	5.94E-04	-0.01	(-1.56- 1.82)	9.88E-01	9.94E-01	7.53	(2.92-12.35)	1.30E-03	2.49E-02	7.33	(1.10-13.95)	2.08E-02	1.05E-01
46	TG(48:1) [NL-16:1]	-3.12	(-4.11--1.98)	2.70E-06	1.09E-05	-1.26	(-2.92- 0.79)	2.11E-01	3.96E-01	9.50	(4.81-14.39)	6.51E-05	4.46E-03	9.88	(3.77-16.34)	1.40E-03	2.49E-02
47	TG(48:1) [NL-18:1]	-3.72	(-4.59--2.71)	2.17E-09	1.37E-08	-2.13	(-3.61--0.31)	2.43E-02	7.22E-02	7.66	(2.32-13.28)	4.71E-03	4.82E-02	9.11	(2.17-16.51)	9.66E-03	6.72E-02
48	TG(48:2) [NL-14:0]	-4.21	(-5.01--3.29)	2.40E-12	2.31E-11	-2.93	(-4.22--1.36)	7.95E-04	4.00E-03	7.99	(2.52-13.76)	3.97E-03	4.82E-02	10.05	(3.00-17.58)	4.88E-03	4.18E-02
49	TG(48:2) [NL-14:1]	-3.30	(-4.17--2.29)	4.21E-08	2.06E-07	-2.60	(-3.88--1.04)	2.05E-03	8.87E-03	9.57	(4.45-14.93)	2.21E-04	9.89E-03	7.84	(1.05-15.09)	2.33E-02	1.11E-01
50	TG(48:2) [NL-16:1]	-3.18	(-4.11--2.10)	5.04E-07	2.18E-06	-2.21	(-3.60--0.51)	1.32E-02	4.40E-02	10.34	(5.02-15.92)	1.21E-04	6.46E-03	11.55	(4.79-18.75)	7.22E-04	1.76E-02
51	TG(48:2) [NL-18:2]	-4.78	(-5.58--3.84)	1.42E-13	1.66E-12	-2.99	(-4.34--1.31)	1.26E-03	5.81E-03	7.95	(2.40-13.79)	4.73E-03	4.82E-02	9.77	(2.92-17.08)	4.87E-03	4.18E-02
52	TG(48:3) [NL-14:0]	-4.43	(-5.23--3.51)	5.69E-13	6.35E-12	-3.39	(-4.62--1.87)	1.03E-04	8.22E-04	8.83	(3.18-14.78)	2.02E-03	3.23E-02	11.17	(4.21-18.60)	1.49E-03	2.56E-02
53	TG(48:3) [NL-16:1]	-3.11	(-3.96--2.15)	4.59E-08	2.22E-07	-2.48	(-3.66--1.08)	1.12E-03	5.34E-03	8.05	(3.43-12.88)	5.94E-04	1.59E-02	9.57	(3.77-15.69)	1.13E-03	2.08E-02
54	TG(48:3) [NL-18:3]	-3.79	(-4.56--2.91)	8.55E-12	7.33E-11	-2.31	(-3.52--0.87)	2.79E-03	1.16E-02	8.11	(2.36-14.17)	5.40E-03	4.82E-02	8.74	(1.44-16.57)	1.85E-02	9.75E-02
55	TG(49:1) [NL-17:1]	-2.57	(-3.37--1.67)	5.47E-07	2.34E-06	-1.52	(-2.61--0.27)	1.89E-02	5.89E-02	4.87	(1.86- 7.96)	1.50E-03	2.77E-02	5.00	(0.73- 9.45)	2.16E-02	1.06E-01
56	TG(50:1) [NL-14:0]	-2.17	(-3.16--1.03)	4.53E-04	1.32E-03	-0.23	(-1.87- 1.74)	8.05E-01	9.14E-01	6.29	(2.13-10.62)	2.96E-03	3.98E-02	7.98	(2.08-14.21)	7.72E-03	5.98E-02
57	TG(50:1) [NL-16:0]	-3.30	(-4.13--2.35)	6.72E-09	3.84E-08	-1.09	(-2.55- 0.65)	2.04E-01	3.85E-01	4.46	(1.31- 7.70)	5.42E-03	4.82E-02	4.85	(0.60- 9.29)	2.53E-02	1.16E-01
58	TG(50:1) [NL-18:1]	-3.08	(-3.94--2.09)	1.04E-07	4.95E-07	-1.46	(-2.85- 0.21)	8.37E-02	1.93E-01	4.11	(1.07- 7.24)	7.95E-03	6.04E-02	4.47	(0.34- 8.77)	3.39E-02	1.35E-01
59	TG(50:2) [NL-14:0]	-3.73	(-4.62--2.69)	5.05E-09	2.99E-08	-2.59	(-3.95--0.93)	3.78E-03	1.54E-02	3.78	(-0.34- 8.07)	7.26E-02	2.45E-01	5.30	(0.07-10.80)	4.68E-02	1.67E-01
60	TG(50:2) [NL-16:1]	-3.52	(-4.43--2.47)	3.08E-08	1.62E-07	-2.09	(-3.54--0.30)	2.41E-02	7.22E-02	5.88	(1.92-10.00)	3.51E-03	4.51E-02	7.56	(2.75-12.60)	1.98E-03	2.63E-02
61	TG(50:2) [NL-18:1]	-3.55	(-4.47--2.48)	3.91E-08	1.95E-07	-2.31	(-3.74--0.56)	1.23E-02	4.20E-02	5.45	(1.48- 9.58)	7.00E-03	5.60E-02	7.61	(2.81-12.63)	1.82E-03	2.63E-02
62	TG(50:2) [NL-18:2]	-5.03	(-5.82--4.09)	2.94E-14	3.92E-13	-2.65	(-4.14--0.79)	7.57E-03	2.82E-02	4.85	(1.65- 8.16)	2.98E-03	3.98E-02	4.31	(0.54- 8.22)	2.48E-02	1.14E-01
63	TG(50:3) [NL-14:0]	-4.63	(-5.44--3.68)	6.63E-13	7.24E-12	-3.57	(-4.82--2.03)	6.73E-05	5.57E-04	4.38	(-0.26- 9.22)	6.42E-02	2.28E-01	7.21	(1.46-13.28)	1.37E-02	7.82E-02
64	TG(50:3) [NL-14:1]	-2.50	(-3.48--1.38)	6.15E-05	2.09E-04	-2.01	(-3.30--0.46)	1.32E-02	4.40E-02	4.51	(0.99- 8.16)	1.20E-02	7.12E-02	3.82	(-0.97- 8.83)	1.19E-01	2.83E-01
65	TG(50:3) [NL-16:1]	-4.37	(-5.18--3.44)	1.66E-12	1.63E-11	-3.01	(-4.27--1.47)	4.48E-04	2.57E-03	7.59	(3.01-12.37)	1.10E-03	2.30E-02	9.80	(4.47-15.41)	2.95E-04	1.09E-02
66	TG(50:3) [NL-18:2]	-5.01	(-5.76--4.13)	1.19E-15	2.49E-14	-3.22	(-4.54--1.59)	4.43E-04	2.57E-03	6.26	(1.84-10.89)	5.41E-03	4.82E-02	8.76	(3.53-14.26)	9.67E-04	1.93E-02
67	TG(50:3) [NL-18:3]	-4.66	(-5.43--3.77)	2.57E-14	3.53E-13	-2.28	(-3.75--0.47)	1.62E-02	5.20E-02	5.99	(1.39-10.81)	1.05E-02	6.73E-02	8.51	(2.79-14.55)	3.40E-03	3.55E-02
68	TG(50:4) [NL-14:0]	-4.84	(-5.57--3.97)	1.09E-15	2.48E-14	-3.48	(-4.68--2.00)	4.78E-05	4.17E-04	4.58	(-0.16- 9.55)	5.83E-02	2.17E-01	6.38	(0.70-12.37)	2.74E-02	1.19E-01
69	TG(50:4) [NL-18:3]	-4.57	(-5.27--3.76)	1.60E-16	7.66E-15	-2.79	(-4.01--1.33)	5.52E-04	2.97E-03	6.89	(2.13-11.88)	4.40E-03	4.82E-02	10.01	(4.14-16.21)	7.70E-04	1.76E-02
70	TG(50:4) [NL-20:4]	-4.27	(-5.17--3.19)	7.40E-10	5.00E-09	-2.20	(-3.75--0.28)	2.72E-02	7.78E-02	9.73	(4.17-15.58)	5.40E-04	1.59E-02	10.87	(3.92-18.28)	1.97E-03	2.63E-02
71	TG(51:1) [NL-17:0]	-3.15	(-4.00--2.18)	3.94E-08	1.95E-07	-2.01	(-3.26--0.52)	1.01E-02	3.51E-02	4.79	(1.36- 8.34)	6.09E-03	5.13E-02	4.99	(-0.16-10.40)	5.75E-02	1.83E-01
72	TG(51:2) [NL-15:0]	-3.51	(-4.41--2.46)	3.27E-08	1.70E-07	-2.96	(-4.18--1.48)	3.55E-04	2.21E-03	2.33	(-1.42- 6.22)	2.26E-01	4.75E-01	3.68	(-0.75- 8.31)	1.04E-01	2.65E-01
73	TG(51:2) [NL-17:0]	-3.68	(-4.53--2.70)	1.23E-09	8.23E-09	-2.87	(-4.09--1.40)	4.50E-04	2.57E-03	4.92	(1.21- 8.76)	9.19E-03	6.39E-02	6.43	(1.49-11.61)	1.05E-02	6.90E-02
74	TG(51:2) [NL-17:1]	-3.12	(-3.90--2.23)	3.49E-09	2.15E-08	-2.44	(-3.49--1.22)	2.81E-04	1.88E-03	4.39	(1.04- 7.85)	1.01E-02	6.71E-02	5.72	(1.25-10.39)	1.20E-02	7.38E-02
75	TG(52:1) [NL-18:0]	-2.68	(-3.68--1.52)	3.70E-05	1.31E-04	-0.47	(-2.16- 1.59)	6.29E-01	7.96E-01	5.25	(1.63- 8.99)	4.38E-03	4.82E-02	6.56	(1.39-12.00)	1.26E-02	7.47E-02
76	TG(52:1) [NL-18:1]	-2.69	(-3.69--1.55)	3.02E-05	1.08E-04	-0.30	(-2.03- 1.79)	7.57E-01	8.85E-01	4.81	(1.41- 8.33)	5.55E-03	4.85E-02	7.03	(1.90-12.41)	7.00E-03	5.51E-02
77	TG(52:2) [NL-16:0]	-3.28	(-4.05--2.41)	5.03E-10	3.45E-09	-1.92	(-3.07--0.58)	6.63E-03	2.55E-02	1.44	(-0.82- 3.75)	2.13E-01	4.62E-01	2.66	(-0.05- 5.43)	5.40E-02	1.76E-01
78	TG(52:2) [NL-18:2]	-3.74	(-4.64--2.69)	7.94E-09	4.43E-08	-1.05	(-2.65- 0.89)	2.67E-01	4.62E-01	3.99	(0.99- 7.08)	9.19E-03	6.39E-02	5.33	(1.49- 9.32)	6.52E-03	5.40E-02
79	TG(52:3) [NL-16:1]	-3.72	(-4.60--2.69)	4.42E-09	2.65E-08	-2.79	(-4.02--1.31)	6.50E-04	3.46E-03	3.16	(-0.06- 6.48)	5.47E-02	2.12E-01	3.77	(0.03- 7.65)	4.81E-02	1.69E-01
80	TG(52:3) [NL-18:2]	-5.00	(-5.73--4.14)	2.68E-16	1.07E-14	-3.38	(-4.64--1.82)	1.47E-04	1.14E-03	1.36	(-1.28- 4.06)	3.14E-01	5.90E-01	2.73	(-0.16- 5.70)	6.39E-02	1.90E-01
81	TG(52:4) [NL-16:1]	-4.96	(-5.71--4.08)	1.14E-15	2.48E-14	-3.77	(-4.93--2.34)	9.19E-06	1.05E-04	3.59	(-0.53- 7.88)	8.81E-02	2.66E-01	5.26	(0.57-10.17)	2.77E-02	1.19E-01
82	TG(52:4) [NL-18:2]	-5.66	(-6.38--4.80)	9.57E-18	7.65E-16	-3.76	(-5.02--2.17)	5.65E-05	4.76E-04	3.00	(-0.87- 7.02)	1.29E-01	3.47E-01	4.86	(0.11- 9.85)	4.50E-02	1.62E-01
83	TG(52:4) [NL-18:3]	-4.75	(-5.48--3.90)	1.12E-15	2.48E-14	-2.97	(-4.26--1.38)	7.42E-04	3.87E-03	3.67	(-0.16- 7.65)	6.01E-02	2.20E-01	5.99	(1.18-11.03)	1.44E-02	8.16E-02
84	TG(52:5) [NL-18:3]	-4.81	(-5.54--3.97)	3.12E-16	1.07E-14	-3.09	(-4.29--1.63)	1.81E-04	1.32E-03	3.83	(-0.26- 8.10)	6.66E-02	2.33E-01	7.81	(2.65-13.23)	2.90E-03	3.19E-02
85	TG(52:5) [NL-20:4]	-4.28	(-5.14--3.27)	7.13E-11	5.43E-10	-2.50	(-3.94--0.70)	8.74E-03	3.13E-02	9.64	(4.84-14.66)	7.49E-05	4.49E-03	11.13	(5.45-17.11)	1.09E-04	5.25E-03

86	TG(52:5) [NL-20:5]	-5.06	(-5.85--4.13)	2.07E-14	3.01E-13	-3.43	(-4.69--1.88)	1.15E-04	9.08E-04	7.27	(2.99-11.74)	8.36E-04	2.04E-02	9.30	(4.19-14.65)	3.35E-04	1.14E-02
87	TG(53:2) [NL-18:1]	-2.88	(-3.68--1.99)	2.98E-08	1.60E-07	-2.34	(-3.40--1.11)	4.81E-04	2.71E-03	1.38	(-1.60- 4.45)	3.67E-01	6.37E-01	2.62	(-1.14- 6.53)	1.73E-01	3.57E-01
88	TG(54:1) [NL-18:1]	-1.99	(-3.09--0.72)	3.33E-03	8.56E-03	-1.10	(-2.67- 0.82)	2.41E-01	4.30E-01	2.86	(-0.08- 5.88)	5.64E-02	2.17E-01	4.57	(0.39- 8.92)	3.20E-02	1.31E-01
89	TG(54:2) [NL-18:0]	-2.33	(-3.31--1.21)	1.61E-04	5.18E-04	-1.11	(-2.57- 0.64)	1.98E-01	3.76E-01	2.69	(-0.17- 5.64)	6.56E-02	2.32E-01	4.23	(0.14- 8.48)	4.26E-02	1.57E-01
90	TG(54:2) [NL-20:1]	-2.03	(-3.00--0.91)	7.29E-04	2.06E-03	-1.43	(-2.77- 0.16)	7.48E-02	1.78E-01	0.69	(-2.44- 3.92)	6.69E-01	8.54E-01	3.09	(-0.72- 7.05)	1.12E-01	2.75E-01
91	TG(54:3) [NL-18:1]	-2.50	(-3.37--1.52)	5.92E-06	2.29E-05	-1.73	(-2.89--0.38)	1.40E-02	4.62E-02	-0.38	(-2.60- 1.88)	7.35E-01	8.86E-01	1.10	(-1.75- 4.04)	4.51E-01	6.33E-01
92	TG(54:3) [NL-18:2]	-3.84	(-4.60--2.97)	3.74E-12	3.39E-11	-1.87	(-3.14--0.36)	1.73E-02	5.50E-02	2.13	(-0.23- 4.54)	7.65E-02	2.45E-01	2.55	(-0.44- 5.63)	9.51E-02	2.50E-01
93	TG(54:4) [NL-18:2]	-4.54	(-5.34--3.59)	7.27E-13	7.59E-12	-3.20	(-4.49--1.62)	3.40E-04	2.19E-03	0.22	(-2.47- 2.98)	8.76E-01	9.47E-01	1.43	(-2.12- 5.10)	4.33E-01	6.15E-01
94	TG(54:4) [NL-20:3]	-3.15	(-4.06--2.09)	3.70E-07	1.63E-06	-1.95	(-3.36--0.24)	2.72E-02	7.78E-02	4.06	(0.73- 7.50)	1.67E-02	9.22E-02	6.70	(2.74-10.82)	9.11E-04	1.90E-02
95	TG(54:5) [NL-18:3]	-4.38	(-5.12--3.54)	1.18E-14	1.85E-13	-2.71	(-3.93--1.24)	8.01E-04	4.00E-03	1.63	(-2.12- 5.52)	3.98E-01	6.68E-01	5.33	(0.39-10.50)	3.41E-02	1.35E-01
96	TG(54:5) [NL-20:4]	-4.47	(-5.29--3.51)	2.78E-12	2.56E-11	-2.41	(-3.89--0.57)	1.28E-02	4.34E-02	5.48	(2.17- 8.90)	1.17E-03	2.34E-02	6.77	(3.23-10.43)	1.81E-04	7.88E-03
97	TG(54:6) [NL-18:3]	-4.46	(-5.21--3.59)	2.51E-14	3.53E-13	-2.83	(-4.04--1.36)	5.10E-04	2.82E-03	1.25	(-2.82- 5.50)	5.50E-01	7.82E-01	6.09	(0.82-11.62)	2.31E-02	1.11E-01
98	TG(54:6) [NL-20:4]	-4.82	(-5.61--3.88)	9.29E-14	1.14E-12	-2.87	(-4.25--1.16)	2.15E-03	9.22E-03	6.68	(2.90-10.60)	5.14E-04	1.59E-02	9.25	(4.84-13.84)	3.85E-05	3.08E-03
99	TG(54:6) [NL-20:5]	-5.63	(-6.35--4.75)	2.45E-17	1.47E-15	-3.99	(-5.22--2.43)	1.89E-05	1.92E-04	7.67	(3.27-12.26)	5.97E-04	1.59E-02	10.66	(5.44-16.14)	5.87E-05	4.03E-03
100	TG(54:6) [NL-22:6]	-5.67	(-6.44--4.73)	1.49E-15	2.97E-14	-4.31	(-5.49--2.82)	2.99E-06	4.09E-05	8.61	(3.84-13.59)	3.69E-04	1.47E-02	7.77	(1.81-14.07)	1.02E-02	6.90E-02
101	TG(54:7) [NL-20:5]	-5.55	(-6.29--4.66)	9.60E-17	5.12E-15	-4.07	(-5.26--2.58)	6.79E-06	8.14E-05	7.69	(3.39-12.17)	4.37E-04	1.50E-02	10.93	(5.96-16.14)	1.59E-05	1.53E-03
102	TG(54:7) [NL-22:6]	-5.27	(-6.06--4.34)	7.77E-15	1.33E-13	-4.34	(-5.40--3.02)	1.65E-07	3.61E-06	10.45	(5.29-15.86)	6.36E-05	4.46E-03	10.52	(4.54-16.84)	5.16E-04	1.46E-02
103	TG(56:6) [NL-20:4]	-3.58	(-4.43--2.61)	1.98E-09	1.28E-08	-2.08	(-3.48--0.39)	1.84E-02	5.77E-02	3.64	(1.29- 6.06)	2.50E-03	3.63E-02	4.30	(1.39- 7.28)	3.75E-03	3.83E-02
104	TG(56:6) [NL-22:5]	-4.23	(-5.02--3.33)	1.07E-12	1.09E-11	-3.05	(-4.30--1.53)	3.52E-04	2.21E-03	3.90	(0.93- 6.97)	1.01E-02	6.71E-02	4.13	(1.07- 7.29)	8.24E-03	6.02E-02
105	TG(56:7) [NL-20:4]	-4.36	(-5.20--3.38)	1.38E-11	1.17E-10	-2.47	(-3.86--0.76)	6.63E-03	2.55E-02	3.96	(0.81- 7.21)	1.35E-02	7.74E-02	4.93	(1.03- 8.99)	1.32E-02	7.63E-02
106	TG(56:7) [NL-20:5]	-4.42	(-5.25--3.44)	7.75E-12	6.76E-11	-2.75	(-4.04--1.18)	1.37E-03	6.19E-03	5.08	(1.17- 9.15)	1.08E-02	6.76E-02	7.20	(2.68-11.92)	1.74E-03	2.63E-02
107	TG(56:7) [NL-22:5]	-4.79	(-5.52--3.93)	8.16E-16	2.06E-14	-3.45	(-4.60--2.05)	2.32E-05	2.27E-04	4.85	(1.24- 8.58)	8.32E-03	6.05E-02	5.93	(1.83-10.19)	4.51E-03	4.18E-02
108	TG(56:7) [NL-22:6]	-5.45	(-6.23--4.51)	3.63E-15	6.46E-14	-4.45	(-5.55--3.08)	2.88E-07	5.53E-06	6.41	(1.90-11.11)	5.16E-03	4.82E-02	6.57	(1.26-12.16)	1.50E-02	8.40E-02
109	TG(56:8) [NL-20:4]	-3.75	(-4.62--2.74)	2.02E-09	1.29E-08	-1.57	(-3.00- 0.14)	7.05E-02	1.72E-01	4.51	(1.22- 7.90)	7.15E-03	5.62E-02	6.47	(2.25-10.87)	2.61E-03	3.06E-02
110	TG(56:8) [NL-20:5]	-4.81	(-5.55--3.94)	2.16E-15	4.14E-14	-3.07	(-4.30--1.59)	2.42E-04	1.69E-03	4.10	(0.03- 8.35)	4.84E-02	1.98E-01	7.48	(2.98-12.19)	1.11E-03	2.08E-02
111	TG(56:8) [NL-22:6]	-5.84	(-6.57--4.96)	2.22E-17	1.47E-15	-4.61	(-5.66--3.32)	3.86E-08	1.42E-06	7.11	(2.31-12.15)	3.57E-03	4.51E-02	8.30	(3.04-13.83)	1.89E-03	2.63E-02
112	TG(56:9) [NL-22:6]	-5.30	(-6.04--4.42)	2.03E-16	8.86E-15	-4.24	(-5.30--2.94)	1.95E-07	3.90E-06	5.85	(1.37-10.53)	1.02E-02	6.71E-02	8.01	(2.89-13.38)	2.08E-03	2.63E-02
113	TG(58:10) [NL-22:6]	-5.02	(-5.75--4.16)	2.94E-16	1.07E-14	-3.63	(-4.76--2.26)	7.78E-06	9.11E-05	5.10	(0.69- 9.69)	2.31E-02	1.17E-01	5.55	(0.57-10.77)	2.86E-02	1.21E-01
114	TG(58:8) [NL-22:6]	-4.95	(-5.76--4.00)	1.12E-13	1.34E-12	-3.76	(-4.86--2.43)	2.50E-06	3.64E-05	4.39	(-0.08- 9.06)	5.42E-02	2.11E-01	5.12	(0.12-10.38)	4.49E-02	1.62E-01
115	TG(58:9) [NL-22:6]	-5.22	(-5.96--4.33)	4.35E-16	1.33E-14	-4.05	(-5.11--2.76)	3.75E-07	6.67E-06	3.42	(-0.99- 8.03)	1.29E-01	3.47E-01	6.25	(1.09-11.68)	1.73E-02	9.33E-02
116	TG(O-50:1) [NL-16:0]	-0.91	(-1.82- 0.11)	7.75E-02	1.42E-01	-0.15	(-1.24- 1.08)	8.04E-01	9.14E-01	1.93	(-0.91- 4.85)	1.83E-01	4.24E-01	2.23	(-1.09- 5.66)	1.89E-01	3.72E-01
117	TG(O-50:1) [NL-17:1]	-2.62	(-3.44--1.70)	5.75E-07	2.44E-06	-1.48	(-2.61--0.18)	2.71E-02	7.78E-02	4.94	(1.86- 8.11)	1.64E-03	2.81E-02	5.04	(0.70- 9.57)	2.28E-02	1.11E-01
118	TG(O-50:1) [NL-18:1]	-1.31	(-2.20--0.31)	1.16E-02	2.57E-02	-0.47	(-1.58- 0.78)	4.41E-01	6.29E-01	3.27	(0.25- 6.37)	3.36E-02	1.52E-01	2.73	(-1.04- 6.65)	1.57E-01	3.40E-01
119	TG(O-50:2) [NL-18:2]	-0.54	(-1.53- 0.56)	3.20E-01	4.52E-01	-0.24	(-1.39- 1.07)	7.04E-01	8.47E-01	3.60	(0.90- 6.36)	8.82E-03	6.32E-02	2.19	(-1.06- 5.55)	1.86E-01	3.70E-01
120	TG(O-52:2) [NL-16:0]	-1.09	(-2.30- 0.31)	1.20E-01	2.02E-01	-1.08	(-2.40- 0.48)	1.64E-01	3.31E-01	4.14	(0.42- 8.00)	2.91E-02	1.40E-01	1.81	(-2.69- 6.51)	4.35E-01	6.16E-01
121	TG(O-52:2) [NL-17:1]	-3.15	(-3.95--2.26)	3.90E-09	2.37E-08	-2.42	(-3.49--1.17)	4.01E-04	2.41E-03	4.41	(1.03- 7.90)	1.05E-02	6.73E-02	5.69	(1.18-10.39)	1.32E-02	7.63E-02
122	TG(O-52:2) [NL-18:1]	-1.39	(-2.63- 0.06)	5.90E-02	1.12E-01	-2.16	(-3.40--0.70)	5.47E-03	2.17E-02	5.31	(1.22- 9.58)	1.09E-02	6.76E-02	4.33	(-0.27- 9.15)	6.54E-02	1.93E-01
123	TG(O-54:2) [NL-18:1]	-2.88	(-3.68--1.99)	3.31E-08	1.71E-07	-2.28	(-3.35--1.03)	7.73E-04	3.99E-03	1.34	(-1.63- 4.40)	3.79E-01	6.53E-01	2.58	(-1.17- 6.48)	1.79E-01	3.65E-01
124	TG(O-54:4) [NL-17:1]	-4.46	(-5.28--3.50)	2.66E-12	2.51E-11	-3.21	(-4.43--1.71)	1.55E-04	1.18E-03	2.45	(-1.04- 6.06)	1.69E-01	4.07E-01	3.54	(-0.34- 7.58)	7.38E-02	2.11E-01
125	TG(O-54:4) [NL-18:2]	-5.23	(-5.97--4.34)	4.44E-16	1.33E-14	-3.45	(-4.69--1.92)	9.27E-05	7.54E-04	2.63	(-1.04- 6.44)	1.61E-01	3.95E-01	2.86	(-1.47- 7.39)	1.97E-01	3.82E-01
126	dhCer(d18:0/22:0)	0.02	(-0.87- 1.00)	9.65E-01	9.88E-01	-0.15	(-1.17- 0.99)	7.89E-01	9.01E-01	1.33	(-1.12- 3.85)	2.87E-01	5.55E-01	1.21	(-1.38- 3.86)	3.60E-01	5.57E-01
127	dhCer(d18:0/24:0)	-0.64	(-1.46- 0.27)	1.63E-01	2.64E-01	-0.26	(-1.36- 0.98)	6.69E-01	8.33E-01	0.07	(-2.14- 2.33)	9.50E-01	9.83E-01	-0.13	(-2.50- 2.29)	9.13E-01	9.74E-01
128	dhCer(d18:0/24:1)	0.39	(-0.80- 1.73)	5.33E-01	6.57E-01	-0.93	(-2.05- 0.35)	1.48E-01	3.06E-01	1.80	(-0.84- 4.51)	1.82E-01	4.24E-01	1.38	(-1.82- 4.67)	4.00E-01	5.90E-01
129	Cer(d16:1/22:0)	-1.09	(-1.99--0.09)	3.43E-02	6.86E-02	-0.93	(-2.09- 0.40)	1.61E-01	3.27E-01	1.94	(-0.68- 4.63)	1.46E-01	3.64E-01	3.14	(0.04- 6.34)	4.68E-02	1.67E-01
130	Cer(d16:1/23:0)	-0.97	(-2.54- 0.93)	2.96E-01	4.29E-01	-1.00	(-2.68- 1.06)	3.14E-01	5.08E-01	1.84	(-1.15- 4.91)	2.29E-01	4.78E-01	3.13	(-0.35- 6.73)	7.82E-02	2.18E-01
131	Cer(d16:1/24:0)	-0.99	(-1.94- 0.07)	6.68E-02	1.23E-01	-0.55	(-1.64- 0.67)	3.60E-01	5.61E-01	1.20	(-1.61- 4.08)	4.04E-01	6.75E-01	3.27	(0.08- 6.55)	4.43E-02	1.62E-01

132	Cer(d16:1/24:1)	-0.69	(-1.81- 0.58)	2.72E-01	4.00E-01	-0.12	(-1.50- 1.48)	8.74E-01	9.49E-01	1.16	(-1.12- 3.50)	3.18E-01	5.94E-01	3.31	(0.23- 6.48)	3.49E-02	1.37E-01
133	Cer(d17:1/22:0)	-0.81	(-2.00- 0.56)	2.33E-01	3.51E-01	-0.84	(-2.19- 0.74)	2.77E-01	4.73E-01	0.81	(-1.73- 3.42)	5.32E-01	7.65E-01	1.34	(-1.57- 4.33)	3.68E-01	5.64E-01
134	Cer(d17:1/23:0)	-1.93	(-3.39--0.16)	3.39E-02	6.81E-02	-0.26	(-2.64- 2.89)	8.52E-01	9.38E-01	1.79	(-1.17- 4.84)	2.37E-01	4.91E-01	2.09	(-1.37- 5.66)	2.37E-01	4.31E-01
135	Cer(d17:1/24:0)	-1.25	(-2.17--0.23)	1.80E-02	3.85E-02	-0.76	(-1.90- 0.54)	2.40E-01	4.30E-01	0.35	(-2.27- 3.03)	7.96E-01	9.16E-01	-0.11	(-2.85- 2.70)	9.35E-01	9.75E-01
136	Cer(d17:1/24:1)	-1.39	(-2.39--0.25)	1.80E-02	3.85E-02	-0.09	(-1.43- 1.46)	9.03E-01	9.63E-01	1.34	(-1.18- 3.92)	3.00E-01	5.71E-01	0.84	(-2.17- 3.95)	5.84E-01	7.50E-01
137	Cer(d18:1/16:0)	-0.44	(-1.18- 0.36)	2.71E-01	3.99E-01	-0.54	(-1.45- 0.47)	2.81E-01	4.75E-01	-0.57	(-2.30- 1.18)	5.17E-01	7.51E-01	-0.07	(-2.07- 1.97)	9.45E-01	9.75E-01
138	Cer(d18:1/18:0)	-0.77	(-1.59- 0.14)	9.51E-02	1.69E-01	-0.64	(-1.70- 0.54)	2.73E-01	4.70E-01	1.53	(-0.75- 3.85)	1.88E-01	4.29E-01	2.70	(-0.06- 5.53)	5.50E-02	1.77E-01
139	Cer(d18:1/20:0)	-0.75	(-1.57- 0.14)	9.73E-02	1.72E-01	-0.73	(-1.72- 0.37)	1.83E-01	3.55E-01	1.44	(-0.66- 3.58)	1.79E-01	4.20E-01	0.36	(-2.00- 2.78)	7.67E-01	8.89E-01
140	Cer(d18:1/22:0)	-0.33	(-1.07- 0.49)	4.19E-01	5.53E-01	0.31	(-0.67- 1.40)	5.47E-01	7.34E-01	1.19	(-0.79- 3.21)	2.38E-01	4.91E-01	0.69	(-1.37- 2.80)	5.11E-01	6.95E-01
141	Cer(d18:1/23:0)	-0.69	(-1.59- 0.30)	1.63E-01	2.64E-01	0.13	(-1.16- 1.61)	8.51E-01	9.38E-01	0.86	(-1.19- 2.95)	4.11E-01	6.75E-01	1.89	(-0.27- 4.09)	8.62E-02	2.35E-01
142	Cer(d18:1/24:0)	-0.72	(-1.46- 0.09)	7.91E-02	1.43E-01	0.16	(-0.84- 1.26)	7.67E-01	8.85E-01	0.25	(-1.65- 2.18)	7.97E-01	9.16E-01	0.12	(-1.72- 2.00)	8.98E-01	9.70E-01
143	Cer(d18:1/24:1)	-0.42	(-1.22- 0.46)	3.41E-01	4.71E-01	-0.10	(-1.17- 1.09)	8.57E-01	9.41E-01	1.32	(-0.57- 3.25)	1.72E-01	4.11E-01	-0.14	(-2.18- 1.95)	8.97E-01	9.70E-01
144	Cer(d18:2/16:0)	-0.65	(-1.77- 0.63)	3.06E-01	4.40E-01	1.39	(-0.18- 3.22)	8.54E-02	1.96E-01	0.26	(-2.08- 2.66)	8.28E-01	9.33E-01	1.02	(-1.93- 4.07)	4.98E-01	6.83E-01
145	Cer(d18:2/22:0)	-0.81	(-1.69- 0.17)	1.01E-01	1.75E-01	0.56	(-0.60- 1.86)	3.58E-01	5.60E-01	0.29	(-1.78- 2.39)	7.86E-01	9.16E-01	0.85	(-1.81- 3.58)	5.33E-01	7.11E-01
146	Cer(d18:2/23:0)	-0.88	(-2.01- 0.41)	1.70E-01	2.72E-01	0.56	(-1.06- 2.47)	5.20E-01	7.08E-01	0.99	(-1.30- 3.32)	3.98E-01	6.68E-01	1.80	(-0.89- 4.57)	1.90E-01	3.72E-01
147	Cer(d18:2/24:0)	-0.98	(-1.86--0.00)	4.96E-02	9.48E-02	-0.45	(-1.55- 0.79)	4.58E-01	6.47E-01	-0.88	(-2.89- 1.17)	3.97E-01	6.68E-01	0.09	(-2.34- 2.58)	9.40E-01	9.75E-01
148	Cer(d18:2/24:1)	0.03	(-0.91- 1.07)	9.55E-01	9.79E-01	0.03	(-1.14- 1.35)	9.64E-01	9.86E-01	0.50	(-1.53- 2.57)	6.31E-01	8.42E-01	0.92	(-1.53- 3.43)	4.63E-01	6.46E-01
149	Cer(d19:1/24:0)	-0.93	(-2.01- 0.30)	1.33E-01	2.22E-01	-1.46	(-2.65--0.06)	4.13E-02	1.14E-01	0.49	(-3.24- 4.36)	7.99E-01	9.16E-01	-0.26	(-4.45- 4.12)	9.05E-01	9.71E-01
150	Cer(d19:1/24:1)	-0.55	(-1.88- 1.01)	4.67E-01	5.93E-01	-2.07	(-3.42--0.45)	1.49E-02	4.87E-02	1.52	(-2.52- 5.72)	4.65E-01	7.18E-01	0.78	(-4.13- 5.94)	7.59E-01	8.85E-01
151	Cer(m18:0/22:0)	-0.67	(-1.89- 0.74)	3.33E-01	4.65E-01	-1.77	(-3.11--0.16)	3.30E-02	9.22E-02	1.99	(-0.60- 4.65)	1.32E-01	3.48E-01	3.74	(0.81- 6.75)	1.24E-02	7.46E-02
152	Cer(m18:0/23:0)	-3.06	(-4.80--0.73)	1.34E-02	2.97E-02	1.54	(-1.71- 6.07)	3.94E-01	5.91E-01	2.29	(-0.70- 5.38)	1.34E-01	3.48E-01	3.57	(-0.39- 7.68)	7.77E-02	2.18E-01
153	Cer(m18:0/24:0)	-1.48	(-2.39--0.46)	5.63E-03	1.38E-02	-0.56	(-1.79- 0.87)	4.22E-01	6.18E-01	2.03	(-0.41- 4.53)	1.03E-01	2.93E-01	2.54	(-0.33- 5.50)	8.29E-02	2.28E-01
154	Cer(m18:0/24:1)	-1.01	(-2.26- 0.45)	1.64E-01	2.64E-01	-2.11	(-3.51--0.40)	1.82E-02	5.75E-02	3.88	(0.85- 7.01)	1.20E-02	7.12E-02	5.40	(2.05- 8.86)	1.59E-03	2.62E-02
155	Cer(m18:1/22:0)	-2.74	(-3.55--1.84)	1.44E-07	6.76E-07	-2.05	(-3.15--0.77)	2.79E-03	1.16E-02	0.15	(-2.59- 2.96)	9.16E-01	9.69E-01	3.27	(-0.61- 7.30)	9.93E-02	2.58E-01
156	Cer(m18:1/23:0)	-3.02	(-4.50--1.15)	3.15E-03	8.17E-03	-3.90	(-5.70--1.34)	5.88E-03	2.30E-02	2.36	(-0.98- 5.81)	1.67E-01	4.06E-01	1.68	(-2.29- 5.82)	4.09E-01	5.97E-01
157	Cer(m18:1/24:0)	-2.64	(-3.45--1.74)	3.32E-07	1.48E-06	-2.36	(-3.41--1.14)	4.08E-04	2.42E-03	-0.49	(-3.07- 2.17)	7.14E-01	8.85E-01	1.01	(-2.29- 4.43)	5.50E-01	7.24E-01
158	Cer(m18:1/24:1)	-1.76	(-2.83--0.52)	6.74E-03	1.62E-02	-2.53	(-3.57--1.31)	1.76E-04	1.31E-03	0.60	(-2.10- 3.38)	6.63E-01	8.54E-01	3.93	(0.25- 7.74)	3.63E-02	1.40E-01
159	GM3(d18:1/18:0)	-0.87	(-1.62--0.06)	3.50E-02	6.96E-02	-0.55	(-1.50- 0.50)	2.92E-01	4.89E-01	-0.52	(-2.29- 1.28)	5.66E-01	7.93E-01	-2.21	(-4.46- 0.10)	6.06E-02	1.88E-01
160	GM3(d18:1/22:0)	-0.04	(-1.21- 1.29)	9.51E-01	9.77E-01	0.35	(-1.27- 2.26)	6.93E-01	8.47E-01	-0.44	(-2.44- 1.60)	6.69E-01	8.54E-01	-0.29	(-2.92- 2.41)	8.30E-01	9.23E-01
161	GM3(d18:1/24:0)	-0.66	(-1.64- 0.44)	2.28E-01	3.47E-01	-0.16	(-1.35- 1.20)	8.09E-01	9.16E-01	-2.09	(-3.98--0.17)	3.36E-02	1.52E-01	-2.80	(-5.04--0.50)	1.76E-02	9.38E-02
162	GM3(d18:1/24:1)	-0.02	(-1.04- 1.13)	9.75E-01	9.89E-01	-0.14	(-1.40- 1.30)	8.41E-01	9.33E-01	-1.02	(-2.87- 0.87)	2.87E-01	5.55E-01	-2.51	(-4.97- 0.01)	5.06E-02	1.71E-01
163	HexCer(d16:1/22:0)	-0.85	(-2.39- 0.99)	3.41E-01	4.71E-01	-0.92	(-2.88- 1.59)	4.37E-01	6.27E-01	-0.57	(-3.29- 2.23)	6.85E-01	8.62E-01	-0.95	(-3.91- 2.11)	5.37E-01	7.12E-01
164	HexCer(d16:1/24:0)	-0.91	(-2.25- 0.66)	2.40E-01	3.60E-01	-0.76	(-2.59- 1.53)	4.84E-01	6.67E-01	0.97	(-1.90- 3.91)	5.11E-01	7.47E-01	-0.57	(-3.45- 2.41)	7.04E-01	8.48E-01
165	HexCer(d18:1/16:0)	0.24	(-0.82- 1.43)	6.66E-01	7.48E-01	-0.25	(-1.48- 1.15)	7.06E-01	8.47E-01	-0.79	(-2.70- 1.17)	4.26E-01	6.81E-01	-2.68	(-4.63--0.68)	9.26E-03	6.64E-02
166	HexCer(d18:1/18:0)	-0.03	(-1.30- 1.43)	9.71E-01	9.89E-01	0.61	(-1.01- 2.53)	4.82E-01	6.66E-01	-1.68	(-3.97- 0.67)	1.58E-01	3.89E-01	-1.86	(-4.53- 0.89)	1.83E-01	3.70E-01
167	HexCer(d18:1/20:0)	-0.11	(-1.28- 1.23)	8.67E-01	9.19E-01	0.21	(-1.24- 1.90)	7.93E-01	9.04E-01	-1.76	(-4.03- 0.56)	1.34E-01	3.48E-01	-3.20	(-5.58--0.76)	1.08E-02	6.90E-02
168	HexCer(d18:1/22:0)	0.30	(-0.68- 1.38)	5.64E-01	6.80E-01	0.84	(-0.34- 2.16)	1.71E-01	3.39E-01	-1.61	(-3.63- 0.44)	1.23E-01	3.33E-01	-3.03	(-5.05--0.96)	4.64E-03	4.18E-02
169	HexCer(d18:1/24:0)	0.22	(-0.78- 1.32)	6.80E-01	7.61E-01	-0.07	(-1.18- 1.18)	9.11E-01	9.69E-01	-0.95	(-2.87- 1.00)	3.34E-01	6.14E-01	-2.91	(-5.07--0.70)	1.06E-02	6.90E-02
170	HexCer(d18:1/24:1)	0.81	(-0.21- 1.94)	1.22E-01	2.06E-01	0.21	(-0.92- 1.48)	7.26E-01	8.57E-01	-0.23	(-2.22- 1.80)	8.23E-01	9.32E-01	-2.92	(-5.12--0.66)	1.18E-02	7.38E-02
171	Hex2Cer(d16:1/16:0)	-1.29	(-2.52- 0.13)	7.36E-02	1.35E-01	-0.64	(-2.19- 1.22)	4.72E-01	6.59E-01	2.53	(-0.25- 5.39)	7.44E-02	2.45E-01	2.38	(-1.06- 5.93)	1.75E-01	3.60E-01
172	Hex2Cer(d18:1/16:0)	-0.46	(-1.32- 0.49)	3.33E-01	4.65E-01	-0.50	(-1.58- 0.71)	3.99E-01	5.96E-01	-0.92	(-3.16- 1.37)	4.25E-01	6.81E-01	-1.58	(-4.25- 1.16)	2.54E-01	4.44E-01
173	Hex2Cer(d18:1/22:0)	-0.10	(-1.22- 1.18)	8.76E-01	9.20E-01	-0.27	(-1.55- 1.20)	7.03E-01	8.47E-01	-2.30	(-4.36--0.19)	3.26E-02	1.52E-01	-2.58	(-5.23- 0.15)	6.38E-02	1.90E-01
174	Hex2Cer(d18:1/24:1)	-0.09	(-1.11- 1.05)	8.75E-01	9.20E-01	-0.15	(-1.36- 1.22)	8.19E-01	9.20E-01	-2.61	(-4.86--0.32)	2.59E-02	1.27E-01	-1.91	(-4.63- 0.88)	1.76E-01	3.60E-01
175	Hex2Cer(d18:2/16:0)	-0.69	(-1.70- 0.44)	2.18E-01	3.34E-01	0.03	(-1.19- 1.43)	9.59E-01	9.85E-01	1.38	(-0.81- 3.62)	2.18E-01	4.66E-01	0.15	(-2.47- 2.85)	9.10E-01	9.73E-01
176	Hex3Cer(d18:1/16:0)	-0.37	(-1.11- 0.44)	3.60E-01	4.87E-01	-0.54	(-1.47- 0.49)	2.94E-01	4.89E-01	-0.68	(-2.09- 0.76)	3.51E-01	6.24E-01	-0.66	(-2.52- 1.24)	4.90E-01	6.78E-01
177	Hex3Cer(d18:1/22:0)	0.32	(-0.86- 1.65)	6.14E-01	7.17E-01	0.05	(-1.47- 1.84)	9.52E-01	9.82E-01	-1.58	(-3.65- 0.54)	1.43E-01	3.60E-01	-1.47	(-3.84- 0.95)	2.30E-01	4.27E-01

178	Hex3Cer(d18:1/24:0)	-0.65	(-1.60- 0.41)	2.20E-01	3.36E-01	0.07	(-1.17- 1.48)	9.21E-01	9.70E-01	-2.36	(-4.26--0.41)	1.79E-02	9.75E-02	-1.74	(-3.95- 0.52)	1.29E-01	3.01E-01
179	Hex3Cer(d18:1/24:1)	-0.48	(-1.41- 0.55)	3.47E-01	4.75E-01	-0.50	(-1.68- 0.86)	4.50E-01	6.38E-01	-0.34	(-2.19- 1.54)	7.17E-01	8.85E-01	-1.89	(-4.13- 0.39)	1.03E-01	2.64E-01
180	SM(d17:1/14:0)	-0.65	(-1.33- 0.08)	7.79E-02	1.42E-01	-1.33	(-2.10--0.48)	2.83E-03	1.17E-02	1.99	(-0.50- 4.54)	1.17E-01	3.25E-01	3.07	(-0.05- 6.29)	5.35E-02	1.76E-01
181	SM(d18:0/14:0)	0.28	(-0.43- 1.04)	4.48E-01	5.75E-01	-0.91	(-1.64--0.11)	2.70E-02	7.78E-02	1.29	(-0.76- 3.38)	2.18E-01	4.66E-01	2.32	(-0.21- 4.91)	7.26E-02	2.10E-01
182	SM(d18:1/14:0)/SM(d16:1/16:0)	-0.27	(-0.92- 0.43)	4.36E-01	5.66E-01	-0.84	(-1.61- 0.00)	5.12E-02	1.36E-01	1.74	(-0.25- 3.78)	8.64E-02	2.66E-01	2.96	(0.46- 5.53)	2.05E-02	1.05E-01
183	SM(d18:2/14:0)	0.33	(-0.35- 1.06)	3.50E-01	4.79E-01	-0.17	(-1.01- 0.75)	7.02E-01	8.47E-01	5.30	(3.41- 7.21)	6.74E-08	3.24E-05	8.07	(5.72-10.47)	1.01E-10	4.83E-08
184	SM(d17:1/16:0)	-0.92	(-1.54--0.24)	8.73E-03	2.03E-02	-1.01	(-1.78--0.17)	2.03E-02	6.25E-02	-0.43	(-2.40- 1.58)	6.71E-01	8.54E-01	-0.16	(-2.61- 2.36)	9.01E-01	9.70E-01
185	SM(d18:1/16:0)	-0.23	(-0.98- 0.58)	5.66E-01	6.80E-01	-0.43	(-1.33- 0.56)	3.78E-01	5.75E-01	-1.51	(-3.36- 0.38)	1.15E-01	3.23E-01	-1.47	(-3.73- 0.85)	2.12E-01	4.01E-01
186	SM(d18:2/16:0)	0.19	(-0.46- 0.89)	5.74E-01	6.85E-01	0.00	(-0.81- 0.87)	9.97E-01	9.99E-01	0.75	(-0.62- 2.14)	2.84E-01	5.53E-01	2.14	(0.41- 3.90)	1.57E-02	8.55E-02
187	SM(34:3)	0.48	(-0.25- 1.26)	1.99E-01	3.12E-01	-0.26	(-1.10- 0.67)	5.76E-01	7.52E-01	1.94	(-0.06- 3.98)	5.77E-02	2.17E-01	4.73	(2.25- 7.28)	2.10E-04	8.39E-03
188	SM(d18:2/17:0)	-0.74	(-1.40--0.04)	3.75E-02	7.37E-02	-1.05	(-1.83--0.21)	1.60E-02	5.15E-02	0.98	(-0.78- 2.78)	2.76E-01	5.46E-01	1.61	(-0.69- 3.97)	1.69E-01	3.54E-01
189	SM(35:2) (b)	-0.24	(-1.22- 0.85)	6.50E-01	7.36E-01	-1.13	(-2.18- 0.06)	6.18E-02	1.56E-01	-1.15	(-3.40- 1.15)	3.21E-01	5.98E-01	-0.73	(-3.52- 2.14)	6.13E-01	7.74E-01
190	SM(d18:1/18:0)/SM(d16:1/20:0)	-0.21	(-0.94- 0.58)	5.87E-01	6.98E-01	0.20	(-0.73- 1.23)	6.83E-01	8.39E-01	0.13	(-1.70- 1.99)	8.93E-01	9.59E-01	0.94	(-1.33- 3.26)	4.19E-01	6.04E-01
191	SM(d18:2/18:1)	0.37	(-0.40- 1.19)	3.56E-01	4.85E-01	-0.44	(-1.33- 0.54)	3.66E-01	5.68E-01	0.92	(-0.67- 2.54)	2.55E-01	5.14E-01	2.18	(0.24- 4.16)	2.81E-02	1.19E-01
192	SM(37:1)	-0.91	(-1.71--0.04)	4.10E-02	7.91E-02	-0.63	(-1.64- 0.49)	2.56E-01	4.48E-01	0.13	(-1.90- 2.20)	9.02E-01	9.64E-01	0.37	(-2.29- 3.10)	7.87E-01	8.98E-01
193	SM(37:2)	-0.70	(-1.47- 0.14)	9.82E-02	1.73E-01	-0.74	(-1.67- 0.30)	1.58E-01	3.22E-01	-0.55	(-2.77- 1.72)	6.29E-01	8.41E-01	-0.33	(-2.97- 2.39)	8.10E-01	9.17E-01
194	SM(d18:1/20:0)/SM(d16:1/22:0)	0.06	(-0.64- 0.80)	8.74E-01	9.20E-01	0.62	(-0.26- 1.58)	1.71E-01	3.39E-01	0.37	(-1.21- 1.98)	6.44E-01	8.52E-01	0.99	(-1.07- 3.09)	3.45E-01	5.41E-01
195	SM(d18:2/20:0)	0.26	(-0.65- 1.26)	5.87E-01	6.98E-01	0.45	(-0.74- 1.80)	4.74E-01	6.60E-01	0.22	(-1.74- 2.22)	8.26E-01	9.33E-01	1.04	(-1.41- 3.55)	4.06E-01	5.96E-01
196	SM(38:3) (a)	-0.18	(-0.91- 0.60)	6.35E-01	7.30E-01	-0.96	(-1.76--0.08)	3.34E-02	9.26E-02	1.86	(0.24- 3.52)	2.49E-02	1.23E-01	2.01	(0.01- 4.05)	4.88E-02	1.69E-01
197	SM(38:3) (b)	0.11	(-0.83- 1.14)	8.31E-01	8.90E-01	-0.21	(-1.28- 0.99)	7.14E-01	8.47E-01	-0.30	(-2.65- 2.11)	8.03E-01	9.16E-01	1.95	(-0.75- 4.73)	1.57E-01	3.40E-01
198	SM(d16:1/23:0)/SM(d17:1/22:0)	-0.46	(-1.12- 0.26)	2.03E-01	3.16E-01	-0.19	(-1.02- 0.71)	6.62E-01	8.28E-01	1.00	(-1.03- 3.07)	3.36E-01	6.14E-01	2.18	(-0.31- 4.73)	8.66E-02	2.35E-01
199	SM(d18:1/22:0)/SM(d16:1/24:0)	0.22	(-0.51- 1.00)	5.64E-01	6.80E-01	0.71	(-0.20- 1.70)	1.32E-01	2.79E-01	0.47	(-1.22- 2.20)	5.84E-01	8.05E-01	0.50	(-1.47- 2.52)	6.18E-01	7.76E-01
200	SM(d16:1/24:1)	0.13	(-0.66- 0.98)	7.60E-01	8.22E-01	-0.42	(-1.32- 0.59)	4.01E-01	5.96E-01	2.65	(0.81- 4.53)	4.85E-03	4.82E-02	2.77	(0.21- 5.39)	3.39E-02	1.35E-01
201	SM(d18:2/22:0)	0.08	(-0.66- 0.87)	8.37E-01	8.90E-01	0.91	(-0.11- 2.04)	8.05E-02	1.87E-01	-0.02	(-1.56- 1.54)	9.78E-01	9.94E-01	1.34	(-0.63- 3.35)	1.83E-01	3.70E-01
202	SM(40:3) (a)	-0.26	(-1.01- 0.56)	5.27E-01	6.50E-01	-0.61	(-1.49- 0.36)	2.06E-01	3.88E-01	1.80	(0.02- 3.60)	4.73E-02	1.97E-01	1.75	(-0.50- 4.05)	1.26E-01	2.98E-01
203	SM(40:3) (b)	-0.72	(-1.50- 0.12)	9.23E-02	1.65E-01	-0.99	(-1.97- 0.10)	7.25E-02	1.74E-01	0.58	(-1.73- 2.95)	6.23E-01	8.38E-01	1.69	(-1.18- 4.63)	2.49E-01	4.40E-01
204	SM(41:0)	-0.29	(-1.44- 1.02)	6.51E-01	7.36E-01	-0.66	(-1.99- 0.90)	3.87E-01	5.82E-01	0.08	(-1.58- 1.76)	9.27E-01	9.71E-01	1.03	(-0.99- 3.08)	3.18E-01	5.17E-01
205	SM(41:1)	-0.33	(-1.14- 0.56)	4.52E-01	5.78E-01	0.08	(-0.95- 1.23)	8.82E-01	9.56E-01	0.36	(-1.33- 2.08)	6.74E-01	8.56E-01	0.83	(-1.16- 2.85)	4.15E-01	6.02E-01
206	SM(d17:1/24:1)	-0.21	(-0.92- 0.54)	5.67E-01	6.80E-01	-0.74	(-1.58- 0.19)	1.14E-01	2.46E-01	0.68	(-1.01- 2.40)	4.31E-01	6.87E-01	0.56	(-1.67- 2.84)	6.24E-01	7.82E-01
207	SM(d18:2/23:0)	-0.18	(-1.01- 0.73)	6.93E-01	7.70E-01	0.34	(-0.76- 1.58)	5.55E-01	7.37E-01	0.38	(-1.20- 1.97)	6.40E-01	8.51E-01	1.43	(-0.56- 3.45)	1.59E-01	3.41E-01
208	SM(d18:1/24:0)	-0.43	(-1.12- 0.32)	2.55E-01	3.81E-01	0.15	(-0.79- 1.19)	7.63E-01	8.85E-01	-0.52	(-2.00- 0.99)	4.96E-01	7.35E-01	-0.33	(-2.11- 1.48)	7.15E-01	8.49E-01
209	SM(d18:1/24:1)	0.49	(-0.30- 1.35)	2.29E-01	3.48E-01	-0.14	(-1.03- 0.82)	7.61E-01	8.85E-01	0.19	(-1.56- 1.97)	8.32E-01	9.35E-01	-0.55	(-2.58- 1.52)	5.97E-01	7.62E-01
210	SM(d18:2/24:0)	-0.39	(-1.07- 0.34)	2.84E-01	4.15E-01	0.39	(-0.55- 1.42)	4.26E-01	6.21E-01	-0.61	(-1.92- 0.72)	3.68E-01	6.37E-01	-0.11	(-1.83- 1.64)	9.00E-01	9.70E-01
211	SM(43:1)	-0.63	(-1.58- 0.43)	2.32E-01	3.51E-01	-1.42	(-2.48--0.21)	2.33E-02	7.02E-02	-1.48	(-3.37- 0.45)	1.31E-01	3.48E-01	-1.13	(-3.45- 1.25)	3.48E-01	5.43E-01
212	SM(44:1)	-0.46	(-1.10- 0.22)	1.78E-01	2.83E-01	-0.37	(-1.19- 0.53)	4.11E-01	6.07E-01	-2.46	(-3.86--1.04)	8.52E-04	2.04E-02	-1.52	(-3.23- 0.23)	8.83E-02	2.37E-01
213	SM(44:2)	-0.01	(-0.68- 0.72)	9.84E-01	9.92E-01	-0.42	(-1.25- 0.48)	3.42E-01	5.43E-01	-1.16	(-2.80- 0.50)	1.69E-01	4.07E-01	-1.20	(-3.16- 0.80)	2.36E-01	4.31E-01
214	SM(44:3) (a)	-0.37	(-1.00- 0.30)	2.67E-01	3.95E-01	-0.38	(-1.16- 0.48)	3.75E-01	5.75E-01	-0.41	(-1.83- 1.02)	5.69E-01	7.94E-01	-0.71	(-2.52- 1.13)	4.46E-01	6.28E-01
215	LPC(14:0) [sn2]	2.00	(1.33- 2.71)	1.28E-09	8.39E-09	1.49	(0.75- 2.28)	5.65E-05	4.76E-04	4.13	(1.16- 7.19)	6.34E-03	5.25E-02	6.01	(1.90-10.30)	4.15E-03	4.07E-02
216	LPC(14:0) [sn1]	1.76	(1.12- 2.43)	2.26E-08	1.23E-07	1.49	(0.76- 2.27)	4.09E-05	3.65E-04	3.98	(1.07- 6.96)	7.29E-03	5.64E-02	5.83	(1.87- 9.93)	3.84E-03	3.84E-02
217	LPC(15:0) [sn2]	1.45	(0.66- 2.30)	2.29E-04	7.18E-04	0.60	(-0.26- 1.53)	1.75E-01	3.44E-01	0.77	(-2.04- 3.65)	5.95E-01	8.10E-01	3.15	(-0.54- 6.98)	9.44E-02	2.49E-01
218	LPC(15:0) [sn1]	0.93	(0.23- 1.69)	8.96E-03	2.07E-02	0.67	(-0.13- 1.53)	1.01E-01	2.26E-01	0.40	(-2.22- 3.08)	7.69E-01	9.12E-01	2.66	(-0.77- 6.21)	1.29E-01	3.01E-01
219	LPC(16:0) [sn2]	1.54	(0.94- 2.17)	1.98E-07	9.14E-07	2.07	(1.31- 2.88)	2.86E-08	1.15E-06	-0.59	(-2.69- 1.54)	5.82E-01	8.05E-01	2.50	(-0.13- 5.20)	6.20E-02	1.88E-01
220	LPC(16:0) [sn1]	1.85	(1.12- 2.64)	3.00E-07	1.36E-06	2.15	(1.25- 3.13)	1.15E-06	1.79E-05	-0.69	(-3.16- 1.83)	5.85E-01	8.05E-01	2.18	(-0.81- 5.25)	1.53E-01	3.40E-01
221	LPC(16:1) [sn2]	4.38	(3.37- 5.47)	4.90E-20	1.18E-17	3.52	(2.46- 4.66)	2.65E-12	1.27E-09	4.20	(1.71- 6.76)	9.57E-04	2.14E-02	6.65	(3.67- 9.72)	1.49E-05	1.53E-03
222	LPC(16:1) [sn1]	4.38	(3.43- 5.40)	2.15E-22	1.03E-19	3.29	(2.29- 4.37)	6.50E-12	1.56E-09	3.09	(0.68- 5.56)	1.19E-02	7.12E-02	5.26	(2.38- 8.22)	3.56E-04	1.14E-02
223	LPC(15-MHDA) [sn2]	1.64	(0.37- 3.07)	1.03E-02	2.35E-02	-0.03	(-1.21- 1.32)	9.65E-01	9.86E-01	-1.63	(-5.04- 1.91)	3.61E-01	6.36E-01	1.64	(-2.82- 6.29)	4.75E-01	6.59E-01

224	LPC(15-MHDA) [sn1] / LPC(17:0) [sn2]	0.99	(0.04- 2.03)	4.04E-02	7.83E-02	0.02	(-0.93- 1.06)	9.72E-01	9.87E-01	-2.02	(-4.94- 0.99)	1.85E-01	4.25E-01	0.77	(-2.85- 4.52)	6.80E-01	8.31E-01
225	LPC(17:0) [sn1]	0.13	(-0.49- 0.79)	6.88E-01	7.66E-01	0.34	(-0.40- 1.14)	3.77E-01	5.75E-01	-2.13	(-4.56- 0.35)	9.18E-02	2.70E-01	0.61	(-2.30- 3.60)	6.84E-01	8.33E-01
226	LPC(17:1) [sn1] (a) / LPC(17:1) [sn2] (b)	2.44	(1.55- 3.41)	2.06E-08	1.14E-07	0.87	(-0.01- 1.82)	5.23E-02	1.38E-01	0.00	(-2.59- 2.66)	9.99E-01	9.99E-01	2.13	(-1.21- 5.59)	2.12E-01	4.01E-01
227	LPC(18:0) [sn2]	0.72	(0.16- 1.31)	1.09E-02	2.43E-02	1.42	(0.64- 2.25)	2.43E-04	1.69E-03	-0.75	(-3.04- 1.59)	5.25E-01	7.57E-01	2.97	(0.20- 5.81)	3.56E-02	1.38E-01
228	LPC(18:0) [sn1]	0.81	(0.23- 1.43)	5.76E-03	1.40E-02	1.29	(0.50- 2.13)	1.03E-03	4.99E-03	-0.72	(-3.29- 1.92)	5.87E-01	8.05E-01	2.97	(-0.01- 6.04)	5.08E-02	1.71E-01
229	LPC(18:1) [sn2]	3.96	(3.00- 4.99)	4.21E-18	4.04E-16	3.16	(2.16- 4.24)	4.94E-11	5.23E-09	-1.92	(-4.17- 0.37)	9.93E-02	2.86E-01	0.79	(-2.24- 3.90)	6.13E-01	7.74E-01
230	LPC(18:1) [sn1]	3.71	(2.86- 4.62)	1.22E-19	1.96E-17	2.91	(2.01- 3.87)	2.21E-11	3.54E-09	-1.93	(-4.00- 0.19)	7.43E-02	2.45E-01	0.02	(-2.53- 2.65)	9.86E-01	9.91E-01
231	LPC(18:2) [sn2]	2.88	(1.95- 3.88)	1.19E-10	8.82E-10	2.95	(1.85- 4.14)	2.38E-08	1.04E-06	-1.36	(-3.44- 0.77)	2.09E-01	4.58E-01	-0.57	(-3.16- 2.10)	6.71E-01	8.24E-01
232	LPC(18:2) [sn1]	2.93	(1.99- 3.95)	9.62E-11	7.21E-10	2.87	(1.77- 4.07)	6.68E-08	2.14E-06	-1.55	(-3.85- 0.81)	1.95E-01	4.38E-01	-1.69	(-4.46- 1.16)	2.41E-01	4.32E-01
233	LPC(18:3) [sn2] (a)	2.28	(1.42- 3.20)	5.55E-08	2.67E-07	2.29	(1.27- 3.40)	4.21E-06	5.32E-05	0.04	(-2.69- 2.85)	9.76E-01	9.94E-01	1.46	(-2.11- 5.16)	4.26E-01	6.08E-01
234	LPC(18:3) [sn1] (a)/LPC(18:3) [sn2] (b)	4.69	(3.44- 6.07)	7.42E-16	2.04E-14	4.00	(2.66- 5.48)	2.33E-10	1.87E-08	0.54	(-2.41- 3.59)	7.20E-01	8.86E-01	2.51	(-1.38- 6.54)	2.07E-01	3.98E-01
235	LPC(18:3) (a) [sn1] [104_sn1]	4.40	(3.21- 5.70)	2.66E-15	4.91E-14	3.62	(2.33- 5.04)	2.99E-09	1.60E-07	0.80	(-2.16- 3.84)	5.99E-01	8.11E-01	2.36	(-1.54- 6.40)	2.37E-01	4.31E-01
236	LPC(19:0) [sn1] (a) / LPC(19:0) [sn2] (b)	0.02	(-0.83- 0.94)	9.73E-01	9.89E-01	-0.49	(-1.41- 0.52)	3.25E-01	5.20E-01	-3.27	(-5.49--0.99)	5.33E-03	4.82E-02	-0.95	(-3.63- 1.80)	4.92E-01	6.78E-01
237	LPC(20:0) [sn1]	0.27	(-0.27- 0.83)	3.36E-01	4.67E-01	0.39	(-0.28- 1.12)	2.61E-01	4.51E-01	-4.17	(-6.10--2.20)	5.50E-05	4.46E-03	-2.07	(-4.53- 0.45)	1.06E-01	2.68E-01
238	LPC(20:1) [sn2]	1.66	(0.97- 2.38)	8.89E-07	3.74E-06	1.10	(0.31- 1.95)	5.90E-03	2.30E-02	-3.18	(-5.31--1.00)	4.74E-03	4.82E-02	-0.02	(-2.60- 2.63)	9.88E-01	9.91E-01
239	LPC(20:1) [sn1]	2.06	(1.41- 2.75)	1.46E-10	1.06E-09	1.32	(0.60- 2.09)	2.38E-04	1.69E-03	-3.45	(-5.56--1.28)	2.11E-03	3.27E-02	-0.70	(-3.17- 1.83)	5.79E-01	7.46E-01
240	LPC(20:2) [sn2]	3.91	(2.89- 5.02)	7.66E-16	2.04E-14	3.66	(2.49- 4.95)	5.44E-11	5.23E-09	-1.54	(-3.61- 0.58)	1.52E-01	3.75E-01	1.28	(-1.25- 3.88)	3.22E-01	5.19E-01
241	LPC(20:2) [sn1]	3.72	(2.82- 4.68)	3.71E-18	4.04E-16	2.88	(1.83- 4.03)	1.33E-08	6.37E-07	-1.87	(-3.97- 0.28)	8.69E-02	2.66E-01	0.84	(-1.68- 3.42)	5.16E-01	6.98E-01
242	LPC(20:3) [sn2]	2.83	(1.94- 3.80)	5.17E-11	4.07E-10	2.33	(1.30- 3.47)	4.18E-06	5.32E-05	1.02	(-1.28- 3.37)	3.84E-01	6.55E-01	5.44	(2.42- 8.55)	4.27E-04	1.28E-02
243	LPC(20:3) [sn1]	3.53	(2.56- 4.59)	3.33E-14	4.32E-13	2.97	(1.84- 4.21)	4.25E-08	1.46E-06	0.88	(-1.71- 3.53)	5.07E-01	7.44E-01	4.99	(1.89- 8.19)	1.64E-03	2.62E-02
244	LPC(20:3) [104_sn1]	3.58	(2.60- 4.65)	2.02E-14	3.01E-13	2.80	(1.72- 3.99)	9.31E-08	2.74E-06	0.99	(-1.63- 3.68)	4.62E-01	7.17E-01	5.08	(1.85- 8.41)	2.07E-03	2.63E-02
245	LPC(20:4) [sn2]	2.46	(1.61- 3.37)	2.40E-09	1.50E-08	2.31	(1.35- 3.35)	8.21E-07	1.36E-05	0.06	(-2.09- 2.24)	9.59E-01	9.88E-01	4.00	(1.39- 6.67)	2.70E-03	3.09E-02
246	LPC(20:4) [sn1]	2.74	(1.83- 3.72)	4.87E-10	3.39E-09	2.59	(1.58- 3.70)	1.46E-07	3.50E-06	0.00	(-2.41- 2.46)	9.97E-01	9.99E-01	2.65	(-0.11- 5.48)	5.97E-02	1.87E-01
247	LPC(20:5) [sn2]	0.31	(-1.09- 1.93)	6.80E-01	7.61E-01	0.70	(-0.99- 2.71)	4.37E-01	6.27E-01	3.35	(-0.26- 7.09)	6.93E-02	2.38E-01	6.65	(2.03-11.49)	4.73E-03	4.18E-02
248	LPC(20:5) [sn1]	0.69	(-0.74- 2.35)	3.63E-01	4.90E-01	0.57	(-1.07- 2.51)	5.17E-01	7.05E-01	3.54	(-0.28- 7.50)	6.95E-02	2.38E-01	6.45	(1.75-11.36)	6.99E-03	5.51E-02
249	LPC(22:4) [sn2]	2.45	(1.53- 3.43)	3.64E-08	1.86E-07	2.66	(1.58- 3.85)	4.14E-07	7.09E-06	-1.43	(-3.81- 1.01)	2.46E-01	5.03E-01	2.15	(-0.87- 5.25)	1.63E-01	3.44E-01
250	LPC(22:4) [sn1]	2.78	(1.91- 3.70)	3.03E-11	2.47E-10	2.61	(1.60- 3.72)	1.03E-07	2.74E-06	-0.19	(-2.72- 2.40)	8.82E-01	9.49E-01	2.15	(-0.85- 5.23)	1.60E-01	3.41E-01
251	LPC(22:5) [sn2] (n3)	1.51	(0.45- 2.67)	4.32E-03	1.09E-02	2.18	(0.81- 3.71)	1.22E-03	5.68E-03	-0.01	(-2.16- 2.18)	9.91E-01	9.99E-01	2.49	(-0.14- 5.18)	6.37E-02	1.90E-01
252	LPC(22:5) [sn1] (n3)/LPC(22:5) [sn2] (n6)	1.94	(1.04- 2.92)	1.19E-05	4.49E-05	2.46	(1.30- 3.73)	1.26E-05	1.37E-04	-0.32	(-2.56- 1.98)	7.84E-01	9.16E-01	2.00	(-0.65- 4.72)	1.39E-01	3.14E-01
253	LPC(22:5) [sn1] (n6)	4.71	(3.19- 6.41)	2.08E-11	1.72E-10	4.30	(2.54- 6.32)	1.85E-07	3.86E-06	-1.41	(-4.32- 1.58)	3.50E-01	6.24E-01	1.02	(-2.44- 4.60)	5.67E-01	7.36E-01
254	LPC(22:5) (n3) [sn1] [104_sn1]	0.84	(-0.13- 1.89)	9.17E-02	1.64E-01	1.38	(0.17- 2.74)	2.44E-02	7.22E-02	0.33	(-1.98- 2.68)	7.83E-01	9.16E-01	1.91	(-0.91- 4.81)	1.85E-01	3.70E-01
255	LPC(22:6) [sn2]	1.49	(0.60- 2.45)	7.81E-04	2.19E-03	1.86	(0.82- 3.00)	3.09E-04	2.03E-03	-0.09	(-2.54- 2.41)	9.42E-01	9.79E-01	1.58	(-1.47- 4.73)	3.10E-01	5.08E-01
256	LPC(22:6) [sn1]	2.03	(1.07- 3.07)	1.50E-05	5.60E-05	2.19	(1.10- 3.38)	4.10E-05	3.65E-04	0.27	(-2.39- 3.01)	8.41E-01	9.40E-01	0.63	(-2.40- 3.75)	6.86E-01	8.34E-01
257	LPC(O-16:0)	1.64	(0.97- 2.36)	8.96E-07	3.74E-06	1.94	(1.17- 2.76)	3.11E-07	5.74E-06	-0.82	(-3.14- 1.56)	4.94E-01	7.35E-01	2.27	(-0.57- 5.20)	1.18E-01	2.83E-01
258	LPC(O-18:0)	0.55	(-0.23- 1.38)	1.71E-01	2.74E-01	0.05	(-0.77- 0.94)	9.15E-01	9.70E-01	-2.38	(-4.94- 0.25)	7.56E-02	2.45E-01	0.76	(-2.38- 3.99)	6.38E-01	7.96E-01
259	LPC(O-18:1)	1.90	(1.20- 2.64)	3.74E-08	1.89E-07	1.74	(0.96- 2.57)	6.71E-06	8.14E-05	-1.36	(-3.72- 1.05)	2.64E-01	5.28E-01	1.34	(-1.42- 4.18)	3.41E-01	5.39E-01
260	LPC(O-20:0)	0.44	(-0.66- 1.67)	4.43E-01	5.70E-01	-0.41	(-1.60- 0.96)	5.39E-01	7.27E-01	-3.78	(-6.12--1.38)	2.35E-03	3.53E-02	-0.31	(-3.22- 2.69)	8.39E-01	9.30E-01
261	LPC(O-20:1)	2.44	(1.22- 3.79)	4.14E-05	1.45E-04	3.29	(1.62- 5.21)	3.99E-05	3.65E-04	-0.97	(-3.77- 1.91)	5.01E-01	7.38E-01	1.82	(-2.15- 5.96)	3.71E-01	5.66E-01
262	LPC(O-22:0)	0.23	(-0.41- 0.91)	4.88E-01	6.13E-01	0.22	(-0.50- 1.00)	5.57E-01	7.37E-01	-1.81	(-3.29--0.31)	1.87E-02	1.01E-01	-1.92	(-3.89- 0.09)	6.11E-02	1.88E-01
263	LPC(O-22:1)	1.62	(0.86- 2.44)	1.60E-05	5.90E-05	0.80	(-0.07- 1.73)	7.14E-02	1.73E-01	-2.10	(-4.24- 0.10)	6.10E-02	2.20E-01	-1.54	(-4.28- 1.28)	2.80E-01	4.80E-01
264	LPC(O-24:0)	-0.48	(-1.17- 0.26)	1.94E-01	3.06E-01	-0.38	(-1.13- 0.45)	3.58E-01	5.60E-01	-1.06	(-2.58- 0.49)	1.77E-01	4.20E-01	-1.85	(-3.86- 0.21)	7.72E-02	2.18E-01
265	LPC(O-24:1)	0.86	(0.15- 1.61)	1.61E-02	3.54E-02	-0.04	(-0.79- 0.78)	9.26E-01	9.70E-01	-0.68	(-2.41- 1.09)	4.48E-01	6.98E-01	-0.18	(-2.56- 2.26)	8.84E-01	9.67E-01
266	LPC(O-24:2)	0.25	(-0.43- 0.97)	4.82E-01	6.07E-01	0.13	(-0.69- 1.03)	7.58E-01	8.85E-01	-1.61	(-3.70- 0.53)	1.38E-01	3.52E-01	-1.36	(-4.11- 1.47)	3.41E-01	5.39E-01
267	LPC(P-16:0)	1.02	(0.39- 1.69)	1.27E-03	3.51E-03	1.30	(0.55- 2.10)	5.10E-04	2.82E-03	-0.77	(-3.08- 1.60)	5.20E-01	7.52E-01	2.16	(-0.52- 4.90)	1.14E-01	2.80E-01
268	LPC(P-18:0)	1.89	(1.20- 2.63)	3.00E-08	1.60E-07	1.58	(0.81- 2.39)	3.27E-05	3.08E-04	-1.58	(-3.89- 0.78)	1.86E-01	4.25E-01	1.26	(-1.51- 4.10)	3.75E-01	5.66E-01
269	LPC(P-18:1)	1.24	(0.40- 2.14)	3.19E-03	8.23E-03	1.39	(0.34- 2.56)	8.86E-03	3.15E-02	-0.72	(-3.39- 2.02)	6.00E-01	8.11E-01	3.19	(-0.01- 6.49)	5.06E-02	1.71E-01

270	LPC(P-20:0)	2.59	(1.67- 3.57)	5.48E-09	3.21E-08	1.26	(0.33- 2.29)	7.45E-03	2.80E-02	-2.47	(-4.95- 0.07)	5.69E-02	2.17E-01	-0.91	(-4.05- 2.34)	5.76E-01	7.45E-01
271	LPE(16:0) [sn2]	1.63	(0.86- 2.47)	2.17E-05	7.90E-05	3.34	(2.23- 4.55)	2.77E-10	1.90E-08	-2.11	(-4.27- 0.11)	6.24E-02	2.23E-01	-1.46	(-4.09- 1.23)	2.83E-01	4.80E-01
272	LPE(16:0) [sn1]	1.81	(1.08- 2.59)	4.95E-07	2.16E-06	3.02	(1.99- 4.14)	1.07E-09	6.42E-08	-1.76	(-3.77- 0.28)	9.04E-02	2.70E-01	-1.01	(-3.55- 1.61)	4.44E-01	6.26E-01
273	LPE(18:0) [sn2]	1.12	(0.47- 1.82)	6.66E-04	1.93E-03	1.94	(1.04- 2.90)	1.05E-05	1.17E-04	-1.99	(-3.76--0.19)	3.03E-02	1.43E-01	0.07	(-2.43- 2.63)	9.57E-01	9.75E-01
274	LPE(18:0) [sn1]	1.17	(0.55- 1.83)	1.80E-04	5.75E-04	2.23	(1.30- 3.23)	9.65E-07	1.54E-05	-1.75	(-3.65- 0.18)	7.51E-02	2.45E-01	0.39	(-2.11- 2.96)	7.61E-01	8.85E-01
275	LPE(18:1) [sn2]	2.78	(1.90- 3.72)	5.35E-11	4.14E-10	2.29	(1.28- 3.39)	3.51E-06	4.67E-05	-2.39	(-4.81- 0.08)	5.79E-02	2.17E-01	0.11	(-3.12- 3.44)	9.48E-01	9.75E-01
276	LPE(18:1) [sn1]	3.45	(2.51- 4.46)	1.19E-14	1.85E-13	2.27	(1.30- 3.34)	1.89E-06	2.84E-05	-1.74	(-4.22- 0.81)	1.77E-01	4.20E-01	-0.13	(-3.42- 3.27)	9.40E-01	9.75E-01
277	LPE(18:2) [sn2]	3.67	(2.45- 5.01)	1.97E-10	1.39E-09	3.61	(2.16- 5.24)	1.53E-07	3.51E-06	-1.63	(-4.13- 0.93)	2.08E-01	4.58E-01	-1.73	(-4.83- 1.46)	2.82E-01	4.80E-01
278	LPE(18:2) [sn1]	3.94	(2.79- 5.19)	3.20E-13	3.65E-12	3.44	(2.08- 4.96)	1.00E-07	2.74E-06	-1.56	(-4.10- 1.05)	2.37E-01	4.91E-01	-1.71	(-4.76- 1.45)	2.83E-01	4.80E-01
279	LPE(20:4) [sn1]	3.50	(2.47- 4.61)	6.96E-13	7.43E-12	2.76	(1.68- 3.95)	1.42E-07	3.50E-06	-1.81	(-3.60- 0.02)	5.20E-02	2.08E-01	-0.42	(-2.66- 1.88)	7.16E-01	8.49E-01
280	LPE(22:6) [sn2]	2.13	(1.18- 3.15)	4.65E-06	1.82E-05	2.27	(1.19- 3.46)	1.76E-05	1.87E-04	-0.99	(-3.33- 1.40)	4.11E-01	6.75E-01	0.12	(-2.65- 2.98)	9.32E-01	9.75E-01
281	LPE(22:6) [sn1]	2.40	(1.44- 3.44)	2.49E-07	1.14E-06	2.46	(1.38- 3.64)	2.68E-06	3.78E-05	-0.35	(-2.65- 2.00)	7.66E-01	9.12E-01	-0.55	(-3.14- 2.11)	6.79E-01	8.31E-01
282	PC(28:0)	0.04	(-0.73- 0.87)	9.20E-01	9.58E-01	-0.63	(-1.55- 0.40)	2.22E-01	4.08E-01	3.28	(-0.56- 7.26)	9.45E-02	2.76E-01	2.22	(-2.23- 6.88)	3.32E-01	5.31E-01
283	PC(14:0_16:0)	0.24	(-0.64- 1.20)	6.04E-01	7.09E-01	-0.67	(-1.66- 0.44)	2.28E-01	4.13E-01	0.90	(-1.55- 3.41)	4.73E-01	7.26E-01	-0.10	(-3.15- 3.05)	9.52E-01	9.75E-01
284	PC(31:0) (a)	0.40	(-0.78- 1.72)	5.25E-01	6.50E-01	-1.56	(-2.77--0.15)	3.13E-02	8.83E-02	2.46	(-2.13- 7.26)	2.97E-01	5.68E-01	0.72	(-5.13- 6.93)	8.13E-01	9.17E-01
285	PC(31:0) (b)	-0.86	(-1.93- 0.36)	1.58E-01	2.57E-01	-1.02	(-2.37- 0.58)	1.97E-01	3.76E-01	0.17	(-2.57- 2.99)	9.05E-01	9.65E-01	-0.52	(-4.15- 3.26)	7.84E-01	8.98E-01
286	PC(31:1)	0.49	(-0.57- 1.68)	3.78E-01	5.07E-01	-1.21	(-2.28- 0.02)	5.28E-02	1.38E-01	4.35	(0.93- 7.88)	1.26E-02	7.37E-02	2.19	(-2.18- 6.76)	3.28E-01	5.27E-01
287	PC(16:0_16:0)	-0.25	(-1.08- 0.66)	5.73E-01	6.85E-01	-0.92	(-1.86- 0.12)	7.96E-02	1.86E-01	-0.81	(-2.48- 0.89)	3.45E-01	6.22E-01	-1.74	(-3.64- 0.21)	7.91E-02	2.19E-01
288	PC(32:1)	1.65	(0.51- 2.90)	3.70E-03	9.44E-03	0.08	(-1.10- 1.42)	8.96E-01	9.63E-01	4.07	(1.14- 7.08)	6.52E-03	5.30E-02	3.13	(-0.08- 6.44)	5.60E-02	1.79E-01
289	PC(32:2)	0.46	(-0.41- 1.41)	3.04E-01	4.38E-01	-0.31	(-1.30- 0.78)	5.58E-01	7.37E-01	3.33	(0.60- 6.13)	1.67E-02	9.22E-02	1.85	(-1.51- 5.33)	2.82E-01	4.80E-01
290	PC(33:0) (a)	0.02	(-1.20- 1.41)	9.76E-01	9.89E-01	-1.71	(-2.86--0.37)	1.43E-02	4.71E-02	0.13	(-3.32- 3.70)	9.41E-01	9.79E-01	0.08	(-4.35- 4.73)	9.71E-01	9.85E-01
291	PC(33:0) (b)	-1.04	(-1.98- 0.01)	5.31E-02	1.01E-01	-1.91	(-2.99--0.66)	4.05E-03	1.62E-02	-0.53	(-2.90- 1.90)	6.64E-01	8.54E-01	-1.35	(-4.28- 1.67)	3.76E-01	5.66E-01
292	PC(33:1)	-0.17	(-0.98- 0.72)	7.03E-01	7.75E-01	-1.00	(-1.89--0.02)	4.68E-02	1.26E-01	0.38	(-2.33- 3.18)	7.83E-01	9.16E-01	-0.22	(-3.69- 3.37)	9.01E-01	9.70E-01
293	PC(33:2)	-1.09	(-1.89--0.20)	1.71E-02	3.71E-02	-1.43	(-2.35--0.38)	8.68E-03	3.13E-02	-0.35	(-2.89- 2.27)	7.91E-01	9.16E-01	-1.50	(-4.70- 1.81)	3.68E-01	5.64E-01
294	PC(16:0_18:0)	-0.19	(-0.92- 0.60)	6.24E-01	7.22E-01	-0.32	(-1.20- 0.64)	4.99E-01	6.87E-01	-1.01	(-2.60- 0.62)	2.22E-01	4.72E-01	-0.37	(-2.29- 1.58)	7.05E-01	8.48E-01
295	PC(16:0_18:1)	0.36	(-0.56- 1.37)	4.58E-01	5.83E-01	-0.22	(-1.25- 0.93)	6.92E-01	8.47E-01	-0.48	(-2.56- 1.65)	6.56E-01	8.54E-01	-0.18	(-2.81- 2.53)	8.96E-01	9.70E-01
296	PC(16:0_18:2)	-0.89	(-1.86- 0.20)	1.05E-01	1.82E-01	-0.07	(-1.40- 1.47)	9.22E-01	9.70E-01	-0.76	(-2.59- 1.11)	4.23E-01	6.81E-01	-1.00	(-2.95- 1.00)	3.22E-01	5.19E-01
297	PC(16:1_18:2)	-0.55	(-1.35- 0.33)	2.14E-01	3.29E-01	-0.99	(-1.94- 0.08)	6.84E-02	1.68E-01	2.00	(-0.20- 4.25)	7.55E-02	2.45E-01	2.02	(-0.64- 4.74)	1.36E-01	3.13E-01
298	PC(16:0_18:3) (a)	0.01	(-1.00- 1.15)	9.78E-01	9.89E-01	0.12	(-1.08- 1.49)	8.48E-01	9.37E-01	0.53	(-1.95- 3.07)	6.78E-01	8.57E-01	1.02	(-2.12- 4.25)	5.26E-01	7.05E-01
299	PC(14:0_20:4)	0.19	(-0.59- 1.04)	6.39E-01	7.32E-01	-0.43	(-1.33- 0.57)	3.85E-01	5.82E-01	4.71	(1.62- 7.89)	2.76E-03	3.89E-02	5.46	(1.40- 9.68)	8.28E-03	6.02E-02
300	PC(34:5)	-0.95	(-2.00- 0.25)	1.16E-01	1.97E-01	-1.30	(-2.48- 0.07)	6.15E-02	1.56E-01	7.08	(2.85-11.48)	9.79E-04	2.14E-02	8.14	(2.75-13.81)	2.92E-03	3.19E-02
301	PC(15-MHDA_18:1)	-0.60	(-1.64- 0.56)	2.93E-01	4.26E-01	-1.99	(-3.01--0.83)	1.43E-03	6.39E-03	-1.31	(-4.61- 2.10)	4.45E-01	6.97E-01	-1.46	(-5.59- 2.85)	4.97E-01	6.83E-01
302	PC(17:0_18:1)	-0.78	(-1.44--0.07)	3.11E-02	6.30E-02	-1.36	(-2.10--0.54)	1.62E-03	7.06E-03	-1.11	(-3.18- 1.00)	2.97E-01	5.68E-01	-1.12	(-3.82- 1.65)	4.21E-01	6.04E-01
303	PC(15-MHDA_18:2)	-0.90	(-1.82- 0.13)	8.58E-02	1.55E-01	-1.96	(-2.93--0.84)	1.05E-03	5.02E-03	-1.52	(-4.66- 1.73)	3.53E-01	6.25E-01	-1.83	(-5.87- 2.38)	3.86E-01	5.75E-01
304	PC(17:0_18:2)	-1.11	(-1.84--0.32)	6.91E-03	1.65E-02	-1.46	(-2.33--0.50)	3.88E-03	1.57E-02	-1.88	(-3.90- 0.18)	7.26E-02	2.45E-01	-1.95	(-4.60- 0.77)	1.56E-01	3.40E-01
305	PC(17:1_18:2)	-0.36	(-1.09- 0.43)	3.57E-01	4.85E-01	-1.03	(-1.85--0.13)	2.64E-02	7.72E-02	0.98	(-1.24- 3.25)	3.86E-01	6.55E-01	1.74	(-1.16- 4.73)	2.40E-01	4.32E-01
306	PC(15:0_20:3)	0.05	(-1.17- 1.44)	9.41E-01	9.73E-01	0.07	(-1.47- 1.87)	9.37E-01	9.74E-01	-0.26	(-1.73- 1.23)	7.25E-01	8.86E-01	-0.56	(-2.32- 1.24)	5.38E-01	7.12E-01
307	PC(15:0_20:4)	-0.90	(-1.67--0.06)	3.60E-02	7.11E-02	-1.77	(-2.58--0.87)	2.74E-04	1.88E-03	0.98	(-1.73- 3.77)	4.80E-01	7.29E-01	1.92	(-1.65- 5.63)	2.93E-01	4.90E-01
308	PC(35:5)	-1.91	(-3.02--0.63)	4.88E-03	1.21E-02	-2.80	(-3.98--1.39)	3.66E-04	2.23E-03	4.57	(0.35- 8.97)	3.35E-02	1.52E-01	4.26	(-1.36-10.19)	1.39E-01	3.14E-01
309	PC(36:0)	0.35	(-0.33- 1.08)	3.17E-01	4.49E-01	0.18	(-0.69- 1.12)	7.01E-01	8.47E-01	0.86	(-1.56- 3.34)	4.88E-01	7.35E-01	2.54	(0.02- 5.12)	4.82E-02	1.69E-01
310	PC(18:0_18:1)	0.64	(-0.11- 1.46)	9.55E-02	1.69E-01	0.21	(-0.66- 1.15)	6.48E-01	8.15E-01	1.00	(-0.81- 2.85)	2.78E-01	5.47E-01	1.51	(-1.20- 4.30)	2.75E-01	4.77E-01
311	PC(18:0_18:2)	-0.59	(-1.39- 0.29)	1.81E-01	2.88E-01	-0.31	(-1.31- 0.82)	5.76E-01	7.52E-01	0.44	(-1.52- 2.44)	6.60E-01	8.54E-01	-0.02	(-2.47- 2.49)	9.85E-01	9.91E-01
312	PC(16:0_20:3) (a)	-0.19	(-1.10- 0.81)	7.00E-01	7.74E-01	-0.66	(-1.68- 0.49)	2.49E-01	4.38E-01	-2.82	(-4.70--0.90)	4.32E-03	4.82E-02	-2.58	(-5.25- 0.16)	6.50E-02	1.92E-01
313	PC(16:0_20:3) (b)	0.42	(-0.38- 1.29)	3.15E-01	4.49E-01	0.31	(-0.70- 1.43)	5.58E-01	7.37E-01	0.96	(-1.17- 3.13)	3.79E-01	6.53E-01	3.32	(0.37- 6.35)	2.75E-02	1.19E-01
314	PC(18:2_18:2)	0.50	(-0.69- 1.84)	4.28E-01	5.57E-01	0.15	(-1.24- 1.77)	8.39E-01	9.33E-01	-2.39	(-5.31- 0.62)	1.18E-01	3.26E-01	-3.83	(-7.27--0.26)	3.57E-02	1.38E-01
315	PC(16:1_20:4)	0.45	(-0.39- 1.36)	3.02E-01	4.37E-01	-0.40	(-1.33- 0.64)	4.35E-01	6.27E-01	3.02	(0.78- 5.31)	8.18E-03	6.04E-02	5.24	(2.20- 8.37)	7.43E-04	1.76E-02

316	PC(16:0_20:5)	-1.88	(-2.96--0.63)	4.43E-03	1.10E-02	-1.79	(-3.07--0.27)	2.27E-02	6.89E-02	3.68	(-0.38- 7.91)	7.61E-02	2.45E-01	5.20	(0.48-10.14)	3.08E-02	1.29E-01
317	PC(36:6)	-0.64	(-1.42- 0.21)	1.35E-01	2.25E-01	-0.93	(-1.85- 0.09)	7.21E-02	1.74E-01	5.11	(1.94- 8.37)	1.56E-03	2.77E-02	3.99	(-0.02- 8.16)	5.13E-02	1.71E-01
318	PC(15-MHDA_20:4)	-1.12	(-2.00--0.14)	2.66E-02	5.51E-02	-2.12	(-3.08--1.03)	3.59E-04	2.21E-03	-0.66	(-3.70- 2.48)	6.76E-01	8.56E-01	1.62	(-2.39- 5.79)	4.32E-01	6.15E-01
319	PC(17:0_20:4)	-1.63	(-2.29--0.92)	2.58E-05	9.30E-05	-1.66	(-2.41--0.84)	1.77E-04	1.31E-03	-0.55	(-2.87- 1.83)	6.45E-01	8.52E-01	0.96	(-2.03- 4.04)	5.30E-01	7.09E-01
320	PC(15:0_22:6)	-1.99	(-2.70--1.21)	3.93E-06	1.55E-05	-1.58	(-2.48--0.57)	3.04E-03	1.25E-02	0.74	(-2.10- 3.66)	6.11E-01	8.24E-01	0.52	(-3.08- 4.26)	7.80E-01	8.97E-01
321	PC(38:2)	0.98	(0.23- 1.78)	9.39E-03	2.16E-02	0.87	(-0.10- 1.93)	7.94E-02	1.86E-01	0.64	(-0.76- 2.06)	3.67E-01	6.37E-01	1.98	(0.01- 3.98)	4.89E-02	1.69E-01
322	PC(18:0_20:3)	0.19	(-0.51- 0.93)	6.09E-01	7.13E-01	0.11	(-0.80- 1.11)	8.24E-01	9.22E-01	4.07	(1.92- 6.27)	2.27E-04	9.89E-03	7.65	(4.41-11.00)	4.56E-06	1.04E-03
323	PC(18:1_20:3)	0.62	(-0.22- 1.52)	1.51E-01	2.47E-01	-0.17	(-1.07- 0.82)	7.27E-01	8.57E-01	0.17	(-1.75- 2.14)	8.59E-01	9.40E-01	2.37	(-0.35- 5.16)	8.77E-02	2.37E-01
324	PC(38:4) (b)	-0.05	(-0.99- 0.99)	9.22E-01	9.58E-01	-0.06	(-1.18- 1.21)	9.26E-01	9.70E-01	0.85	(-1.51- 3.27)	4.82E-01	7.29E-01	3.49	(0.40- 6.67)	2.66E-02	1.19E-01
325	PC(18:0_20:4)	-1.14	(-1.87--0.34)	5.99E-03	1.45E-02	-0.86	(-1.79- 0.17)	9.85E-02	2.23E-01	1.09	(-1.09- 3.30)	3.28E-01	6.08E-01	3.01	(0.14- 5.97)	3.98E-02	1.49E-01
326	PC(38:5) (a)	-1.04	(-1.68--0.35)	3.90E-03	9.89E-03	-1.25	(-2.06--0.35)	7.37E-03	2.79E-02	-0.36	(-2.25- 1.57)	7.14E-01	8.85E-01	1.30	(-1.17- 3.83)	3.02E-01	5.02E-01
327	PC(38:5) (b)	0.14	(-0.70- 1.05)	7.52E-01	8.15E-01	0.22	(-0.84- 1.40)	6.95E-01	8.47E-01	1.13	(-1.57- 3.91)	4.14E-01	6.76E-01	2.83	(-0.37- 6.14)	8.28E-02	2.28E-01
328	PC(38:6) (a)	0.03	(-0.91- 1.07)	9.51E-01	9.77E-01	-0.01	(-1.09- 1.19)	9.80E-01	9.90E-01	-0.19	(-2.41- 2.08)	8.66E-01	9.44E-01	1.00	(-2.07- 4.17)	5.25E-01	7.05E-01
329	PC(16:0_22:6)	-1.37	(-2.26--0.37)	8.36E-03	1.96E-02	-0.95	(-2.03- 0.27)	1.20E-01	2.58E-01	0.50	(-2.15- 3.22)	7.15E-01	8.85E-01	-0.43	(-3.81- 3.07)	8.07E-01	9.17E-01
330	PC(18:2_20:5)	-0.59	(-1.59- 0.53)	2.87E-01	4.18E-01	-0.70	(-1.90- 0.68)	3.05E-01	4.98E-01	2.05	(-1.40- 5.62)	2.46E-01	5.03E-01	3.99	(-0.32- 8.48)	6.95E-02	2.03E-01
331	PC(16:1_22:6)	-0.81	(-1.50--0.06)	3.54E-02	7.02E-02	-1.22	(-2.03--0.33)	8.62E-03	3.13E-02	1.62	(-0.94- 4.23)	2.15E-01	4.66E-01	2.07	(-1.01- 5.25)	1.89E-01	3.72E-01
332	PC(38:7)(c)	-0.92	(-1.54--0.25)	7.98E-03	1.88E-02	-0.71	(-1.49- 0.14)	1.00E-01	2.25E-01	0.28	(-1.86- 2.47)	7.99E-01	9.16E-01	0.02	(-2.61- 2.71)	9.91E-01	9.91E-01
333	PC(39:5)(a)	-1.75	(-2.57--0.83)	3.70E-04	1.10E-03	-2.10	(-3.10--0.95)	7.13E-04	3.76E-03	-0.44	(-3.46- 2.68)	7.80E-01	9.16E-01	-0.32	(-4.36- 3.90)	8.80E-01	9.66E-01
334	PC(39:5)(b)	-1.89	(-2.68--1.01)	8.04E-05	2.72E-04	-1.82	(-2.76--0.76)	1.36E-03	6.19E-03	-1.18	(-4.17- 1.89)	4.44E-01	6.97E-01	-0.17	(-3.85- 3.64)	9.28E-01	9.75E-01
335	PC(15-MHDA_22:6)	-1.84	(-2.69--0.89)	3.31E-04	9.86E-04	-2.26	(-3.27--1.11)	3.42E-04	2.19E-03	-1.04	(-3.88- 1.88)	4.77E-01	7.28E-01	-1.22	(-5.04- 2.75)	5.38E-01	7.12E-01
336	PC(17:0_22:6)	-2.46	(-3.13--1.72)	6.30E-09	3.64E-08	-1.74	(-2.64--0.71)	1.44E-03	6.39E-03	-0.28	(-3.17- 2.70)	8.50E-01	9.40E-01	-0.45	(-4.08- 3.32)	8.12E-01	9.17E-01
337	PC(18:0_22:5) (n6)	-1.73	(-3.03--0.17)	3.09E-02	6.28E-02	-0.35	(-2.32- 2.14)	7.63E-01	8.85E-01	1.64	(-0.82- 4.17)	1.92E-01	4.33E-01	3.63	(0.39- 6.98)	2.81E-02	1.19E-01
338	PC(18:0_22:6)	-1.78	(-2.56--0.92)	1.28E-04	4.22E-04	-0.83	(-1.94- 0.44)	1.91E-01	3.68E-01	3.12	(0.46- 5.86)	2.16E-02	1.10E-01	3.17	(-0.31- 6.78)	7.42E-02	2.11E-01
339	PC(40:7) (a)	1.11	(-0.16- 2.53)	8.81E-02	1.58E-01	0.82	(-0.56- 2.41)	2.57E-01	4.48E-01	0.56	(-1.86- 3.03)	6.53E-01	8.54E-01	2.78	(-0.68- 6.36)	1.16E-01	2.80E-01
340	PC(18:1_22:6) (a)	-0.29	(-1.18- 0.70)	5.54E-01	6.72E-01	-0.54	(-1.59- 0.63)	3.50E-01	5.53E-01	-1.88	(-4.02- 0.31)	9.10E-02	2.70E-01	-0.98	(-3.53- 1.65)	4.59E-01	6.42E-01
341	PC(40:8)	1.00	(0.16- 1.92)	1.88E-02	3.97E-02	0.64	(-0.31- 1.69)	1.96E-01	3.76E-01	-1.34	(-3.23- 0.58)	1.69E-01	4.07E-01	-0.28	(-2.77- 2.28)	8.27E-01	9.21E-01
342	PC(44:12)	-1.20	(-2.14--0.13)	2.87E-02	5.89E-02	-0.64	(-1.81- 0.70)	3.31E-01	5.28E-01	-0.51	(-4.52- 3.66)	8.05E-01	9.16E-01	-0.87	(-5.51- 4.00)	7.20E-01	8.50E-01
343	PC(O-16:0/16:0)	0.50	(-0.35- 1.42)	2.60E-01	3.86E-01	0.45	(-0.53- 1.54)	3.79E-01	5.75E-01	-0.62	(-2.10- 0.89)	4.16E-01	6.76E-01	-1.46	(-3.27- 0.38)	1.18E-01	2.83E-01
344	PC(O-32:1)	1.20	(0.21- 2.28)	1.64E-02	3.57E-02	0.22	(-0.88- 1.45)	7.10E-01	8.47E-01	0.19	(-1.85- 2.27)	8.56E-01	9.40E-01	-0.57	(-2.70- 1.59)	5.99E-01	7.62E-01
345	PC(O-34:1)	1.05	(0.18- 2.01)	1.75E-02	3.77E-02	0.22	(-0.78- 1.33)	6.75E-01	8.33E-01	-1.96	(-3.30--0.60)	5.04E-03	4.82E-02	-2.29	(-4.00--0.54)	1.07E-02	6.90E-02
346	PC(O-34:2)	-0.17	(-1.05- 0.80)	7.20E-01	7.86E-01	0.13	(-1.02- 1.42)	8.35E-01	9.32E-01	-1.11	(-3.41- 1.23)	3.47E-01	6.22E-01	-2.03	(-4.76- 0.79)	1.55E-01	3.40E-01
347	PC(O-34:4)	0.43	(-0.54- 1.50)	3.97E-01	5.27E-01	-0.50	(-1.45- 0.56)	3.42E-01	5.43E-01	0.50	(-3.15- 4.29)	7.91E-01	9.16E-01	3.00	(-1.17- 7.35)	1.60E-01	3.41E-01
348	PC(O-35:4)	-0.23	(-1.06- 0.67)	6.00E-01	7.06E-01	-0.74	(-1.72- 0.35)	1.74E-01	3.43E-01	0.10	(-3.29- 3.62)	9.52E-01	9.83E-01	1.61	(-2.69- 6.09)	4.67E-01	6.50E-01
349	PC(O-36:0)	0.42	(-0.64- 1.60)	4.53E-01	5.79E-01	-0.03	(-1.28- 1.41)	9.70E-01	9.87E-01	-2.10	(-3.83--0.34)	1.97E-02	1.05E-01	-2.53	(-4.73--0.28)	2.79E-02	1.19E-01
350	PC(O-18:0/18:1)	1.55	(0.63- 2.54)	7.13E-04	2.02E-03	1.06	(0.01- 2.22)	4.81E-02	1.28E-01	-3.34	(-4.86--1.79)	3.82E-05	4.46E-03	-2.26	(-4.14--0.36)	2.06E-02	1.05E-01
351	PC(O-18:1/18:1)	1.04	(0.25- 1.90)	9.51E-03	2.17E-02	0.26	(-0.66- 1.27)	5.93E-01	7.64E-01	-1.48	(-2.89--0.04)	4.38E-02	1.91E-01	-1.92	(-3.64--0.17)	3.20E-02	1.31E-01
352	PC(O-18:0/18:2)	0.61	(-0.21- 1.50)	1.51E-01	2.47E-01	0.26	(-0.70- 1.32)	6.13E-01	7.83E-01	-1.98	(-3.91--0.02)	4.82E-02	1.98E-01	-2.99	(-5.34--0.59)	1.54E-02	8.50E-02
353	PC(O-18:1/18:2)	-0.04	(-0.87- 0.86)	9.25E-01	9.59E-01	-0.07	(-1.09- 1.07)	9.02E-01	9.63E-01	-0.65	(-2.52- 1.25)	4.99E-01	7.37E-01	-1.92	(-4.31- 0.53)	1.23E-01	2.91E-01
354	PC(O-16:0/20:3)	0.28	(-0.58- 1.21)	5.36E-01	6.58E-01	0.66	(-0.46- 1.90)	2.59E-01	4.50E-01	0.68	(-1.19- 2.59)	4.76E-01	7.28E-01	1.95	(-0.44- 4.40)	1.10E-01	2.72E-01
355	PC(O-16:0/20:4)	-0.18	(-0.93- 0.63)	6.49E-01	7.36E-01	-0.04	(-0.94- 0.96)	9.37E-01	9.74E-01	0.58	(-1.38- 2.58)	5.63E-01	7.90E-01	0.96	(-1.34- 3.32)	4.15E-01	6.02E-01
356	PC(O-36:5)	-1.35	(-2.17--0.45)	4.42E-03	1.10E-02	-0.51	(-1.62- 0.74)	4.05E-01	6.00E-01	2.46	(-1.21- 6.27)	1.90E-01	4.31E-01	3.61	(-0.71- 8.11)	1.02E-01	2.63E-01
357	PC(O-18:0/20:4)	-0.31	(-1.01- 0.46)	4.20E-01	5.53E-01	-0.28	(-1.10- 0.63)	5.35E-01	7.24E-01	-1.24	(-3.20- 0.75)	2.18E-01	4.66E-01	-1.13	(-3.29- 1.07)	3.09E-01	5.08E-01
358	PC(O-38:5)	-0.03	(-0.89- 0.90)	9.43E-01	9.74E-01	-0.24	(-1.30- 0.94)	6.73E-01	8.33E-01	0.43	(-1.39- 2.28)	6.46E-01	8.52E-01	0.07	(-2.04- 2.23)	9.46E-01	9.75E-01
359	PC(O-16:0/22:6)	-1.00	(-1.77--0.16)	2.02E-02	4.22E-02	-0.42	(-1.37- 0.63)	4.15E-01	6.09E-01	1.60	(-0.89- 4.16)	2.08E-01	4.58E-01	0.86	(-2.08- 3.89)	5.67E-01	7.36E-01
360	PC(O-40:5)	0.01	(-0.67- 0.74)	9.79E-01	9.89E-01	-0.37	(-1.18- 0.51)	4.00E-01	5.96E-01	-0.29	(-2.02- 1.48)	7.47E-01	8.99E-01	-1.20	(-3.28- 0.92)	2.62E-01	4.57E-01
361	PC(O-18:0/22:6)	-1.03	(-1.69--0.32)	5.47E-03	1.35E-02	-0.70	(-1.51- 0.18)	1.13E-01	2.46E-01	-0.55	(-2.51- 1.44)	5.83E-01	8.05E-01	-2.02	(-4.34- 0.35)	9.42E-02	2.49E-01

362	PC(O-40:7) (a)	-0.64	(-1.39- 0.17)	1.19E-01	2.01E-01	-0.78	(-1.65- 0.19)	1.10E-01	2.42E-01	0.74	(-1.65- 3.18)	5.47E-01	7.80E-01	-0.84	(-3.61- 2.01)	5.55E-01	7.26E-01
363	PC(P-16:0/14:0)	-0.22	(-1.11- 0.76)	6.52E-01	7.36E-01	-0.42	(-1.55- 0.86)	5.01E-01	6.87E-01	0.13	(-2.37- 2.70)	9.18E-01	9.69E-01	0.13	(-2.71- 3.06)	9.28E-01	9.75E-01
364	PC(P-16:0/16:0)	-0.52	(-1.34- 0.38)	2.45E-01	3.66E-01	-0.43	(-1.43- 0.69)	4.40E-01	6.28E-01	-0.86	(-2.63- 0.95)	3.47E-01	6.22E-01	-1.52	(-3.47- 0.47)	1.32E-01	3.06E-01
365	PC(P-16:0/16:1)	0.15	(-0.73- 1.13)	7.42E-01	8.06E-01	-0.21	(-1.26- 0.97)	7.15E-01	8.47E-01	1.14	(-0.90- 3.22)	2.73E-01	5.44E-01	0.76	(-1.48- 3.04)	5.08E-01	6.94E-01
366	PC(P-16:0/18:0)	-0.30	(-0.98- 0.44)	4.20E-01	5.53E-01	-0.05	(-0.89- 0.85)	9.03E-01	9.63E-01	-2.07	(-3.33--0.79)	1.71E-03	2.82E-02	-1.93	(-3.50--0.32)	1.93E-02	1.01E-01
367	PC(P-16:0/18:1)	-0.19	(-0.93- 0.62)	6.41E-01	7.32E-01	-0.32	(-1.24- 0.70)	5.22E-01	7.08E-01	-1.85	(-3.38--0.29)	2.02E-02	1.07E-01	-1.85	(-3.75- 0.09)	6.13E-02	1.88E-01
368	PC(P-16:0/18:2)	-1.57	(-2.30--0.77)	2.57E-04	7.96E-04	-0.83	(-1.84- 0.31)	1.45E-01	3.00E-01	-0.81	(-2.86- 1.28)	4.43E-01	6.97E-01	-1.85	(-4.29- 0.66)	1.47E-01	3.29E-01
369	PC(P-16:0/18:3)	-0.54	(-1.23- 0.21)	1.55E-01	2.53E-01	-0.35	(-1.17- 0.55)	4.32E-01	6.27E-01	0.37	(-1.97- 2.75)	7.60E-01	9.12E-01	-0.76	(-3.42- 1.97)	5.78E-01	7.46E-01
370	PC(P-35:2) (a)	-0.18	(-1.06- 0.78)	6.99E-01	7.74E-01	-0.79	(-1.84- 0.39)	1.81E-01	3.53E-01	-1.40	(-4.65- 1.97)	4.09E-01	6.75E-01	-3.01	(-7.03- 1.18)	1.55E-01	3.40E-01
371	PC(P-35:2) (b)	-1.75	(-2.52--0.90)	1.33E-04	4.34E-04	-1.04	(-2.03- 0.07)	6.41E-02	1.60E-01	-2.17	(-4.70- 0.42)	9.96E-02	2.86E-01	-2.64	(-5.78- 0.61)	1.10E-01	2.72E-01
372	PC(P-15:0/20:4) (b)	-0.96	(-1.85- 0.03)	5.62E-02	1.07E-01	-0.31	(-1.45- 0.99)	6.27E-01	7.96E-01	0.16	(-2.68- 3.08)	9.11E-01	9.68E-01	1.40	(-1.99- 4.90)	4.21E-01	6.04E-01
373	PC(P-18:1/18:1)	1.43	(0.35- 2.63)	8.79E-03	2.04E-02	0.97	(-0.31- 2.42)	1.45E-01	3.00E-01	-0.57	(-2.19- 1.08)	4.92E-01	7.35E-01	0.21	(-1.67- 2.13)	8.24E-01	9.21E-01
374	PC(P-18:0/18:2)	-0.60	(-1.28- 0.14)	1.07E-01	1.84E-01	-0.67	(-1.55- 0.30)	1.67E-01	3.35E-01	-2.43	(-4.45--0.37)	2.12E-02	1.10E-01	-3.16	(-5.41--0.85)	7.88E-03	6.01E-02
375	PC(P-16:0/20:4)	-1.23	(-1.93--0.46)	2.23E-03	5.95E-03	-0.83	(-1.73- 0.17)	9.99E-02	2.25E-01	0.38	(-1.65- 2.45)	7.13E-01	8.85E-01	0.56	(-1.91- 3.10)	6.57E-01	8.10E-01
376	PC(P-16:0/20:5)	-2.29	(-3.14--1.33)	1.72E-05	6.30E-05	-1.43	(-2.56--0.13)	3.29E-02	9.22E-02	3.50	(-0.16- 7.30)	6.11E-02	2.20E-01	3.19	(-1.51- 8.11)	1.85E-01	3.70E-01
377	PC(P-17:0/20:4) (a)	-1.29	(-2.15--0.32)	1.04E-02	2.36E-02	-1.79	(-2.78--0.66)	2.76E-03	1.16E-02	-0.74	(-3.98- 2.60)	6.57E-01	8.54E-01	-0.35	(-4.60- 4.09)	8.75E-01	9.63E-01
378	PC(P-17:0/20:4) (b)	-2.12	(-2.86--1.31)	2.76E-06	1.10E-05	-1.46	(-2.40--0.41)	7.72E-03	2.83E-02	-1.20	(-3.85- 1.54)	3.85E-01	6.55E-01	-0.10	(-3.46- 3.38)	9.55E-01	9.75E-01
379	PC(P-18:0/20:4)	-1.18	(-1.84--0.48)	1.45E-03	3.91E-03	-0.88	(-1.68- 0.01)	5.25E-02	1.38E-01	-0.99	(-3.10- 1.16)	3.62E-01	6.36E-01	-0.03	(-2.62- 2.64)	9.84E-01	9.91E-01
380	PC(P-38:5) (a)	-1.28	(-1.98--0.52)	1.39E-03	3.78E-03	-1.06	(-1.92--0.10)	3.11E-02	8.83E-02	0.64	(-1.40- 2.73)	5.38E-01	7.71E-01	1.49	(-1.04- 4.08)	2.49E-01	4.40E-01
381	PC(P-38:5) (b)	-0.85	(-1.67- 0.04)	6.12E-02	1.15E-01	-0.77	(-1.74- 0.31)	1.54E-01	3.17E-01	-0.39	(-2.60- 1.87)	7.31E-01	8.86E-01	-0.02	(-2.65- 2.68)	9.89E-01	9.91E-01
382	PC(P-16:0/22:6)	-1.66	(-2.39--0.87)	9.95E-05	3.34E-04	-1.21	(-2.13--0.19)	2.17E-02	6.63E-02	0.84	(-1.69- 3.44)	5.18E-01	7.51E-01	-0.10	(-3.19- 3.08)	9.47E-01	9.75E-01
383	PC(P-20:0/20:4)	-1.01	(-1.76--0.19)	1.72E-02	3.71E-02	-0.60	(-1.54- 0.45)	2.49E-01	4.38E-01	-1.46	(-3.34- 0.46)	1.35E-01	3.48E-01	-2.02	(-4.42- 0.44)	1.06E-01	2.68E-01
384	PC(P-40:5) (b)	-0.93	(-1.59--0.23)	1.07E-02	2.42E-02	-0.55	(-1.36- 0.35)	2.24E-01	4.09E-01	-1.16	(-3.01- 0.73)	2.27E-01	4.75E-01	-1.23	(-3.35- 0.93)	2.59E-01	4.51E-01
385	PC(P-18:0/22:6)	-1.73	(-2.38--1.03)	6.54E-06	2.50E-05	-1.24	(-2.06--0.33)	8.94E-03	3.15E-02	-1.02	(-3.45- 1.47)	4.16E-01	6.76E-01	-2.19	(-5.18- 0.88)	1.59E-01	3.41E-01
386	PE(16:0_16:1)	0.79	(-0.57- 2.35)	2.67E-01	3.95E-01	0.10	(-1.39- 1.84)	9.03E-01	9.63E-01	4.60	(-0.05- 9.48)	5.25E-02	2.08E-01	4.25	(-1.08- 9.86)	1.19E-01	2.83E-01
387	PE(16:0_18:1)	-0.45	(-1.29- 0.47)	3.22E-01	4.53E-01	-0.64	(-1.79- 0.67)	3.23E-01	5.18E-01	0.33	(-2.93- 3.71)	8.43E-01	9.40E-01	0.13	(-4.04- 4.47)	9.54E-01	9.75E-01
388	PE(16:0_18:2)	-1.02	(-1.89--0.05)	3.98E-02	7.73E-02	-0.08	(-1.29- 1.29)	8.97E-01	9.63E-01	-0.28	(-3.93- 3.51)	8.82E-01	9.49E-01	-2.10	(-6.28- 2.26)	3.37E-01	5.37E-01
389	PE(16:1_18:2)	0.47	(-0.56- 1.61)	3.84E-01	5.13E-01	0.32	(-0.87- 1.66)	6.12E-01	7.83E-01	0.31	(-2.73- 3.43)	8.45E-01	9.40E-01	-0.52	(-4.03- 3.13)	7.76E-01	8.97E-01
390	PE(16:0_18:3) (a)	0.26	(-0.79- 1.42)	6.46E-01	7.36E-01	-0.14	(-1.30- 1.16)	8.18E-01	9.20E-01	-0.70	(-4.39- 3.13)	7.15E-01	8.85E-01	-0.85	(-5.27- 3.77)	7.11E-01	8.49E-01
391	PE(16:0_18:3) (b)	0.43	(-0.64- 1.64)	4.43E-01	5.70E-01	0.90	(-0.50- 2.52)	2.20E-01	4.08E-01	1.62	(-2.42- 5.83)	4.36E-01	6.92E-01	2.25	(-2.68- 7.43)	3.75E-01	5.66E-01
392	PE(17:0_18:2)	-0.71	(-1.41- 0.04)	6.27E-02	1.17E-01	-1.00	(-1.74--0.20)	1.57E-02	5.09E-02	-1.54	(-4.48- 1.50)	3.15E-01	5.90E-01	-0.65	(-4.27- 3.11)	7.31E-01	8.58E-01
393	PE(18:0_18:1)	-0.15	(-1.11- 0.91)	7.66E-01	8.26E-01	0.04	(-1.23- 1.48)	9.57E-01	9.85E-01	2.46	(-0.64- 5.67)	1.21E-01	3.31E-01	2.72	(-1.38- 6.99)	1.95E-01	3.79E-01
394	PE(18:1_18:1)	0.51	(-0.94- 2.19)	5.12E-01	6.35E-01	-0.76	(-2.24- 1.00)	3.73E-01	5.75E-01	0.25	(-2.69- 3.28)	8.68E-01	9.44E-01	-0.29	(-4.08- 3.66)	8.84E-01	9.67E-01
395	PE(18:0_18:2)	-0.99	(-1.81--0.09)	3.15E-02	6.35E-02	0.27	(-0.86- 1.55)	6.50E-01	8.15E-01	1.99	(-1.21- 5.30)	2.25E-01	4.75E-01	0.21	(-3.66- 4.24)	9.16E-01	9.75E-01
396	PE(18:1_18:2)	-0.38	(-1.38- 0.74)	4.92E-01	6.17E-01	-0.10	(-1.25- 1.20)	8.73E-01	9.49E-01	-1.86	(-5.14- 1.53)	2.76E-01	5.46E-01	-2.88	(-7.07- 1.50)	1.93E-01	3.76E-01
397	PE(16:0_20:3)	-0.36	(-1.29- 0.67)	4.82E-01	6.07E-01	-0.07	(-1.29- 1.32)	9.17E-01	9.70E-01	0.39	(-2.93- 3.82)	8.20E-01	9.30E-01	-0.99	(-5.22- 3.42)	6.51E-01	8.08E-01
398	PE(16:0_20:4)	-0.38	(-1.16- 0.46)	3.60E-01	4.87E-01	-0.10	(-1.13- 1.06)	8.64E-01	9.47E-01	-0.96	(-4.10- 2.27)	5.53E-01	7.83E-01	-2.43	(-6.13- 1.42)	2.11E-01	4.01E-01
399	PE(16:1_20:4)	0.97	(-0.10- 2.15)	7.71E-02	1.41E-01	0.33	(-0.91- 1.74)	6.20E-01	7.90E-01	1.50	(-1.26- 4.33)	2.88E-01	5.55E-01	0.27	(-2.93- 3.58)	8.69E-01	9.59E-01
400	PE(16:0_20:5)	-0.90	(-1.87- 0.18)	9.99E-02	1.74E-01	-0.71	(-1.91- 0.68)	3.00E-01	4.96E-01	2.40	(-1.13- 6.06)	1.84E-01	4.24E-01	0.83	(-3.33- 5.17)	6.99E-01	8.47E-01
401	PE(17:0_20:4)	-1.83	(-2.56--1.02)	3.39E-05	1.20E-04	-1.32	(-2.30--0.23)	1.97E-02	6.11E-02	-1.06	(-3.85- 1.81)	4.64E-01	7.18E-01	-1.91	(-5.34- 1.64)	2.84E-01	4.81E-01
402	PE(18:0_20:3) (a)	-0.67	(-1.50- 0.24)	1.45E-01	2.40E-01	-0.43	(-1.44- 0.71)	4.44E-01	6.30E-01	3.27	(0.31- 6.33)	3.03E-02	1.43E-01	4.21	(0.20- 8.38)	3.97E-02	1.49E-01
403	PE(18:0_20:4)	-0.88	(-1.60--0.10)	2.71E-02	5.58E-02	-0.29	(-1.29- 0.83)	5.94E-01	7.64E-01	0.78	(-1.83- 3.47)	5.60E-01	7.88E-01	0.12	(-3.17- 3.52)	9.45E-01	9.75E-01
404	PE(38:5) (a)	-0.56	(-1.35- 0.31)	1.98E-01	3.10E-01	-0.58	(-1.59- 0.56)	3.03E-01	4.98E-01	-1.44	(-4.36- 1.57)	3.43E-01	6.22E-01	-1.69	(-5.42- 2.19)	3.87E-01	5.75E-01
405	PE(38:5) (b)	0.37	(-0.91- 1.83)	5.91E-01	7.01E-01	0.64	(-1.02- 2.60)	4.71E-01	6.59E-01	1.89	(-1.70- 5.62)	3.04E-01	5.75E-01	-0.63	(-5.08- 4.03)	7.87E-01	8.98E-01
406	PE(16:0_22:6)	-1.91	(-2.69--1.05)	4.47E-05	1.55E-04	-0.94	(-2.05- 0.32)	1.36E-01	2.85E-01	0.66	(-3.01- 4.47)	7.26E-01	8.86E-01	-2.20	(-6.35- 2.14)	3.13E-01	5.12E-01
407	PE(17:0_22:6)	-1.98	(-2.73--1.15)	1.42E-05	5.32E-05	-0.85	(-1.77- 0.18)	1.03E-01	2.28E-01	0.36	(-2.40- 3.19)	8.02E-01	9.16E-01	-0.67	(-4.13- 2.91)	7.08E-01	8.49E-01

408	PE(18:0_22:4)	-0.28	(-1.26-0.80)	5.95E-01	7.04E-01	0.09	(-1.24-1.62)	8.99E-01	9.63E-01	2.66	(-0.04-5.42)	5.34E-02	2.10E-01	1.85	(-1.70-5.52)	3.08E-01	5.08E-01
409	PE(18:0_22:5) (n3)	-1.83	(-2.72--0.83)	6.62E-04	1.93E-03	0.21	(-1.17-1.82)	7.76E-01	8.91E-01	2.74	(-0.41-5.99)	8.81E-02	2.66E-01	2.13	(-1.43-5.82)	2.42E-01	4.32E-01
410	PE(18:0_22:5) (n6)	-0.53	(-1.72-0.84)	4.28E-01	5.57E-01	-0.19	(-1.72-1.62)	8.24E-01	9.22E-01	2.97	(-0.29-6.33)	7.46E-02	2.45E-01	2.09	(-2.17-6.54)	3.39E-01	5.39E-01
411	PE(18:0_22:6)	-2.15	(-3.01--1.18)	5.23E-05	1.81E-04	-0.65	(-1.96-0.87)	3.78E-01	5.75E-01	5.09	(1.50-8.81)	5.41E-03	4.82E-02	1.93	(-2.24-6.29)	3.66E-01	5.64E-01
412	PE(40:7)	-1.27	(-2.08--0.38)	6.54E-03	1.58E-02	-1.18	(-2.25-0.04)	5.83E-02	1.51E-01	-0.15	(-3.95-3.80)	9.40E-01	9.79E-01	-2.69	(-6.91-1.73)	2.28E-01	4.25E-01
413	PE(O-34:1)	0.79	(-0.74-2.57)	3.30E-01	4.63E-01	-0.03	(-1.61-1.85)	9.72E-01	9.87E-01	-1.06	(-3.39-1.34)	3.81E-01	6.53E-01	-1.66	(-4.16-0.90)	2.00E-01	3.86E-01
414	PE(O-16:0/18:2)	0.71	(-1.89-4.14)	6.29E-01	7.25E-01	-1.25	(-3.52-1.82)	3.82E-01	5.79E-01	0.01	(-2.86-2.98)	9.92E-01	9.99E-01	-0.32	(-3.72-3.21)	8.56E-01	9.46E-01
415	PE(O-18:1/18:2)	0.01	(-1.19-1.38)	9.88E-01	9.94E-01	0.40	(-1.06-2.09)	6.10E-01	7.83E-01	-0.25	(-2.78-2.35)	8.50E-01	9.40E-01	-0.08	(-3.36-3.31)	9.61E-01	9.77E-01
416	PE(O-16:0/20:4)	-0.90	(-1.91-0.22)	1.11E-01	1.90E-01	-0.59	(-1.88-0.90)	4.14E-01	6.09E-01	0.96	(-1.80-3.80)	4.96E-01	7.35E-01	1.90	(-1.53-5.44)	2.79E-01	4.80E-01
417	PE(O-36:5)	0.01	(-0.91-1.01)	9.92E-01	9.94E-01	-0.85	(-1.81-0.21)	1.12E-01	2.46E-01	2.66	(-0.91-6.35)	1.45E-01	3.62E-01	2.08	(-2.32-6.67)	3.58E-01	5.55E-01
418	PE(O-16:0/22:4)	0.38	(-0.55-1.39)	4.38E-01	5.67E-01	0.93	(-0.28-2.29)	1.38E-01	2.88E-01	0.12	(-2.09-2.37)	9.17E-01	9.69E-01	1.03	(-1.48-3.61)	4.21E-01	6.04E-01
419	PE(O-18:0/20:4)	-0.07	(-1.13-1.12)	9.01E-01	9.42E-01	-0.18	(-1.33-1.12)	7.72E-01	8.89E-01	0.55	(-2.54-3.75)	7.29E-01	8.86E-01	0.47	(-3.42-4.52)	8.14E-01	9.17E-01
420	PE(O-38:5) (a)	-0.22	(-1.04-0.68)	6.21E-01	7.22E-01	0.18	(-0.97-1.48)	7.67E-01	8.85E-01	1.87	(-1.06-4.88)	2.11E-01	4.61E-01	1.50	(-2.01-5.14)	4.05E-01	5.96E-01
421	PE(O-38:5) (b)	0.13	(-1.02-1.42)	8.35E-01	8.90E-01	0.33	(-1.14-2.03)	6.80E-01	8.36E-01	0.01	(-2.45-2.53)	9.96E-01	9.99E-01	1.01	(-2.04-4.14)	5.18E-01	6.99E-01
422	PE(O-16:0/22:6)	0.42	(-0.58-1.53)	4.23E-01	5.55E-01	0.75	(-0.45-2.09)	2.29E-01	4.13E-01	0.63	(-1.70-3.02)	5.96E-01	8.10E-01	1.25	(-1.57-4.14)	3.87E-01	5.75E-01
423	PE(O-18:0/22:6)	0.07	(-0.76-0.97)	8.76E-01	9.20E-01	-0.08	(-1.02-0.96)	8.72E-01	9.49E-01	-0.06	(-2.41-2.36)	9.63E-01	9.89E-01	0.11	(-2.69-2.99)	9.37E-01	9.75E-01
424	PE(O-18:1/22:6)	0.14	(-0.60-0.95)	7.11E-01	7.81E-01	-0.02	(-0.89-0.93)	9.60E-01	9.85E-01	0.35	(-2.00-2.75)	7.74E-01	9.15E-01	0.88	(-2.07-3.92)	5.59E-01	7.30E-01
425	PE(P-16:0/18:1)	1.66	(0.80-2.59)	1.05E-04	3.49E-04	1.93	(0.75-3.24)	9.42E-04	4.66E-03	0.01	(-1.84-1.90)	9.89E-01	9.99E-01	0.14	(-2.05-2.39)	8.99E-01	9.70E-01
426	PE(P-16:0/18:2)	-0.25	(-1.28-0.91)	6.61E-01	7.44E-01	1.02	(-0.50-2.78)	1.98E-01	3.76E-01	0.74	(-1.96-3.52)	5.93E-01	8.10E-01	0.95	(-1.86-3.85)	5.09E-01	6.94E-01
427	PE(P-16:0/20:3)	0.50	(-0.57-1.70)	3.73E-01	5.01E-01	-0.19	(-1.48-1.30)	7.89E-01	9.01E-01	3.59	(1.12-6.12)	4.43E-03	4.82E-02	5.78	(2.90-8.75)	9.29E-05	5.07E-03
428	PE(P-16:0/20:4)	-0.26	(-1.20-0.79)	6.16E-01	7.18E-01	0.05	(-1.18-1.44)	9.44E-01	9.77E-01	3.59	(0.88-6.37)	9.38E-03	6.43E-02	3.85	(0.58-7.23)	2.10E-02	1.05E-01
429	PE(P-16:0/20:5)	-1.60	(-3.57-0.99)	2.03E-01	3.16E-01	0.39	(-2.49-4.38)	8.17E-01	9.20E-01	4.73	(0.09-9.58)	4.55E-02	1.95E-01	6.37	(0.53-12.55)	3.23E-02	1.31E-01
430	PE(P-16:0/22:4)	0.00	(-0.85-0.92)	9.94E-01	9.94E-01	0.64	(-0.55-1.99)	3.04E-01	4.98E-01	-0.42	(-2.25-1.44)	6.51E-01	8.54E-01	-0.13	(-2.28-2.06)	9.06E-01	9.71E-01
431	PE(P-16:0/22:5) (n3)	-0.80	(-1.66-0.16)	1.00E-01	1.74E-01	0.02	(-1.17-1.37)	9.77E-01	9.89E-01	1.33	(-1.08-3.79)	2.80E-01	5.49E-01	1.88	(-0.66-4.48)	1.48E-01	3.30E-01
432	PE(P-16:0/22:5) (n6)	0.83	(-0.20-1.97)	1.17E-01	1.98E-01	1.20	(-0.11-2.67)	7.31E-02	1.75E-01	0.48	(-1.92-2.93)	6.99E-01	8.78E-01	0.38	(-2.79-3.64)	8.17E-01	9.18E-01
433	PE(P-16:0/22:6)	0.10	(-0.76-1.03)	8.33E-01	8.90E-01	0.33	(-0.73-1.51)	5.59E-01	7.37E-01	1.78	(-0.26-3.87)	8.76E-02	2.66E-01	2.09	(-0.51-4.76)	1.16E-01	2.80E-01
434	PE(P-17:0/20:4) (a)	0.00	(-0.79-0.85)	9.93E-01	9.94E-01	-0.81	(-1.69-0.16)	9.79E-02	2.23E-01	1.04	(-1.91-4.07)	4.92E-01	7.35E-01	2.47	(-1.39-6.47)	2.11E-01	4.01E-01
435	PE(P-17:0/20:4) (b)	-0.88	(-1.67--0.01)	4.77E-02	9.16E-02	-0.93	(-1.87-0.13)	8.27E-02	1.92E-01	0.60	(-2.14-3.41)	6.71E-01	8.54E-01	2.56	(-0.82-6.05)	1.38E-01	3.14E-01
436	PE(P-17:0/22:6) (a)	0.21	(-0.82-1.35)	7.04E-01	7.75E-01	-0.67	(-1.78-0.59)	2.81E-01	4.75E-01	-0.06	(-2.93-2.91)	9.70E-01	9.93E-01	0.58	(-3.42-4.74)	7.79E-01	8.97E-01
437	PE(P-17:0/22:6) (b)	-0.45	(-1.31-0.49)	3.35E-01	4.66E-01	-0.44	(-1.45-0.70)	4.35E-01	6.27E-01	-0.78	(-3.27-1.78)	5.45E-01	7.79E-01	0.75	(-2.50-4.11)	6.53E-01	8.08E-01
438	PE(P-18:0/18:1)	1.12	(0.18-2.15)	1.87E-02	3.97E-02	0.90	(-0.38-2.35)	1.74E-01	3.43E-01	-0.49	(-2.61-1.68)	6.54E-01	8.54E-01	-0.45	(-2.80-1.96)	7.13E-01	8.49E-01
439	PE(P-18:0/18:2)	-0.21	(-1.33-1.07)	7.39E-01	8.04E-01	0.01	(-1.27-1.48)	9.87E-01	9.94E-01	0.06	(-2.65-2.85)	9.65E-01	9.90E-01	-1.23	(-3.78-1.38)	3.49E-01	5.44E-01
440	PE(P-18:0/20:3)	-0.23	(-0.93-0.53)	5.41E-01	6.61E-01	-0.36	(-1.26-0.65)	4.71E-01	6.59E-01	2.17	(0.07-4.32)	4.30E-02	1.90E-01	2.87	(0.42-5.38)	2.15E-02	1.06E-01
441	PE(P-18:0/20:4)	-0.94	(-1.74--0.05)	3.86E-02	7.57E-02	-0.04	(-1.20-1.26)	9.44E-01	9.77E-01	1.77	(-0.98-4.60)	2.08E-01	4.58E-01	1.93	(-1.25-5.22)	2.34E-01	4.31E-01
442	PE(P-18:0/20:5)	-1.78	(-3.49-0.38)	9.86E-02	1.73E-01	-2.61	(-4.50--0.08)	4.40E-02	1.19E-01	3.74	(-0.66-8.34)	9.63E-02	2.80E-01	4.66	(-1.03-10.67)	1.10E-01	2.72E-01
443	PE(P-18:0/22:4)	-0.27	(-1.20-0.77)	5.97E-01	7.05E-01	-0.11	(-1.36-1.32)	8.71E-01	9.49E-01	-2.03	(-3.90--0.13)	3.69E-02	1.64E-01	-1.02	(-3.10-1.11)	3.44E-01	5.41E-01
444	PE(P-18:0/22:5) (n3)	-0.49	(-1.25-0.33)	2.35E-01	3.53E-01	-0.16	(-1.14-0.93)	7.63E-01	8.85E-01	0.33	(-1.82-2.53)	7.64E-01	9.12E-01	1.53	(-0.94-4.05)	2.25E-01	4.23E-01
445	PE(P-18:0/22:5) (n6)	0.64	(-0.18-1.54)	1.30E-01	2.18E-01	0.04	(-0.93-1.12)	9.35E-01	9.74E-01	-0.23	(-2.75-2.35)	8.59E-01	9.40E-01	-0.79	(-3.81-2.33)	6.15E-01	7.74E-01
446	PE(P-18:0/22:6)	-0.15	(-0.92-0.69)	7.20E-01	7.86E-01	0.22	(-0.84-1.40)	7.02E-01	8.47E-01	0.34	(-1.95-2.69)	7.70E-01	9.12E-01	-0.12	(-3.02-2.87)	9.37E-01	9.75E-01
447	PE(P-18:1/18:1)	0.19	(-0.59-1.03)	6.40E-01	7.32E-01	0.64	(-0.37-1.75)	2.22E-01	4.08E-01	-0.33	(-2.23-1.61)	7.35E-01	8.86E-01	-0.08	(-2.25-2.14)	9.45E-01	9.75E-01
448	PE(P-18:1/18:2)	-0.56	(-2.03-1.17)	4.98E-01	6.23E-01	-0.93	(-2.49-0.94)	3.05E-01	4.98E-01	0.13	(-2.62-2.96)	9.25E-01	9.71E-01	-1.32	(-4.23-1.68)	3.83E-01	5.75E-01
449	PE(P-18:1/20:4)	-0.39	(-1.23-0.53)	3.93E-01	5.24E-01	-0.65	(-1.76-0.61)	2.95E-01	4.89E-01	2.07	(-0.63-4.85)	1.33E-01	3.48E-01	2.43	(-0.92-5.90)	1.56E-01	3.40E-01
450	PE(P-18:1/20:5)	-0.76	(-3.25-2.65)	6.22E-01	7.22E-01	-0.79	(-3.72-3.50)	6.71E-01	8.33E-01	3.61	(-1.12-8.58)	1.36E-01	3.49E-01	5.56	(-0.22-11.68)	5.93E-02	1.87E-01
451	PE(P-18:1/22:4)	0.36	(-0.76-1.62)	5.42E-01	6.61E-01	0.50	(-0.91-2.14)	5.05E-01	6.90E-01	-1.12	(-3.01-0.81)	2.51E-01	5.11E-01	-0.94	(-3.14-1.31)	4.08E-01	5.97E-01
452	PE(P-18:1/22:5) (a)	-0.78	(-1.53-0.04)	6.26E-02	1.17E-01	0.34	(-0.73-1.54)	5.51E-01	7.36E-01	0.91	(-1.26-3.13)	4.11E-01	6.75E-01	1.77	(-1.11-4.73)	2.30E-01	4.27E-01
453	PE(P-18:1/22:6) (a)	-0.06	(-0.93-0.90)	9.03E-01	9.42E-01	-0.06	(-1.11-1.12)	9.21E-01	9.70E-01	1.17	(-1.22-3.62)	3.36E-01	6.14E-01	0.93	(-2.13-4.09)	5.52E-01	7.24E-01

454	PE(P-20:0/18:1)	0.93	(-1.24- 3.64)	4.28E-01	5.57E-01	0.11	(-2.22- 3.14)	9.36E-01	9.74E-01	-0.45	(-2.94- 2.10)	7.24E-01	8.86E-01	-2.01	(-4.37- 0.42)	1.03E-01	2.64E-01
455	PE(P-20:0/18:2)	0.18	(-0.40- 0.80)	5.41E-01	6.61E-01	-0.35	(-0.99- 0.34)	3.14E-01	5.08E-01	-2.04	(-4.27- 0.24)	7.90E-02	2.50E-01	-3.60	(-5.89--1.25)	3.06E-03	3.26E-02
456	PE(P-20:0/20:4)	-0.37	(-1.48- 0.88)	5.46E-01	6.63E-01	-0.76	(-2.09- 0.78)	3.14E-01	5.08E-01	0.02	(-2.11- 2.19)	9.85E-01	9.99E-01	-0.42	(-2.89- 2.11)	7.43E-01	8.69E-01
457	PE(P-20:0/22:6)	-0.58	(-1.31- 0.21)	1.46E-01	2.41E-01	-0.75	(-1.60- 0.19)	1.14E-01	2.46E-01	-0.94	(-2.82- 0.98)	3.33E-01	6.14E-01	-2.82	(-5.23--0.34)	2.62E-02	1.18E-01
458	PE(P-20:1/20:4)	-0.65	(-1.86- 0.75)	3.44E-01	4.74E-01	-0.72	(-2.42- 1.35)	4.65E-01	6.55E-01	1.61	(-1.14- 4.43)	2.53E-01	5.13E-01	0.42	(-3.19- 4.17)	8.21E-01	9.21E-01
459	PG(34:2)	-1.94	(-3.27--0.34)	2.00E-02	4.21E-02	1.64	(-0.60- 4.42)	1.64E-01	3.31E-01	1.09	(-2.53- 4.83)	5.59E-01	7.88E-01	3.09	(-1.33- 7.70)	1.72E-01	3.57E-01
460	PG(36:1)	-1.48	(-2.82- 0.11)	6.66E-02	1.23E-01	-1.21	(-3.06- 1.12)	2.82E-01	4.75E-01	1.93	(-1.44- 5.41)	2.63E-01	5.28E-01	3.92	(-0.38- 8.40)	7.44E-02	2.11E-01
461	PI(16:0/16:0)	-0.39	(-1.45- 0.82)	5.12E-01	6.35E-01	0.49	(-1.14- 2.43)	5.76E-01	7.52E-01	3.35	(-0.03- 6.83)	5.17E-02	2.08E-01	2.54	(-1.69- 6.94)	2.42E-01	4.32E-01
462	PI(16:0_16:1)	0.67	(-0.36- 1.82)	2.09E-01	3.23E-01	0.86	(-0.50- 2.41)	2.25E-01	4.09E-01	8.10	(4.43-11.90)	1.52E-05	2.43E-03	9.16	(4.55-13.96)	9.51E-05	5.07E-03
463	PI(34:0)	-1.69	(-3.19- 0.12)	6.60E-02	1.23E-01	-2.02	(-3.70- 0.11)	6.18E-02	1.56E-01	1.71	(-2.41- 5.99)	4.19E-01	6.78E-01	-2.77	(-7.20- 1.87)	2.36E-01	4.31E-01
464	PI(34:1)	-0.15	(-0.92- 0.69)	7.20E-01	7.86E-01	-0.23	(-1.24- 0.89)	6.73E-01	8.33E-01	0.34	(-2.02- 2.76)	7.78E-01	9.16E-01	0.56	(-2.48- 3.69)	7.21E-01	8.50E-01
465	PI(17:0_18:1)	-1.02	(-2.19- 0.33)	1.31E-01	2.18E-01	-1.70	(-3.22- 0.15)	6.97E-02	1.71E-01	-1.17	(-3.90- 1.63)	4.06E-01	6.75E-01	-0.41	(-4.02- 3.34)	8.27E-01	9.21E-01
466	PI(17:0_18:2)	-2.29	(-3.38--1.03)	8.51E-04	2.37E-03	-1.03	(-2.76- 1.10)	3.16E-01	5.08E-01	0.58	(-2.09- 3.34)	6.71E-01	8.54E-01	-0.59	(-3.65- 2.57)	7.09E-01	8.49E-01
467	PI(18:0_18:1)	-1.36	(-2.17--0.46)	4.04E-03	1.02E-02	-0.99	(-2.08- 0.24)	1.10E-01	2.42E-01	-2.06	(-4.76- 0.71)	1.43E-01	3.60E-01	-1.79	(-5.23- 1.78)	3.19E-01	5.17E-01
468	PI(36:2)	-1.48	(-2.19--0.71)	3.09E-04	9.28E-04	-0.79	(-1.70- 0.23)	1.26E-01	2.69E-01	-1.43	(-3.58- 0.77)	2.01E-01	4.48E-01	-1.68	(-4.10- 0.80)	1.81E-01	3.68E-01
469	PI(18:1_18:2)	-1.40	(-2.07--0.67)	2.93E-04	8.89E-04	-1.51	(-2.29--0.65)	9.89E-04	4.85E-03	-3.25	(-5.48--0.96)	5.81E-03	4.98E-02	-3.22	(-6.17--0.17)	3.86E-02	1.47E-01
470	PI(16:0_20:3) (a)	0.08	(-0.59- 0.78)	8.27E-01	8.88E-01	0.57	(-0.33- 1.56)	2.20E-01	4.08E-01	-0.18	(-2.18- 1.86)	8.60E-01	9.40E-01	0.42	(-2.53- 3.46)	7.81E-01	8.97E-01
471	PI(16:0_20:3) (b)	3.31	(1.88- 4.92)	1.16E-06	4.74E-06	2.73	(1.18- 4.48)	2.82E-04	1.88E-03	-0.43	(-2.81- 2.02)	7.29E-01	8.86E-01	2.82	(-0.48- 6.22)	9.39E-02	2.49E-01
472	PI(16:0_20:4)	-0.09	(-0.75- 0.63)	8.04E-01	8.65E-01	0.52	(-0.40- 1.51)	2.77E-01	4.73E-01	0.95	(-1.10- 3.03)	3.65E-01	6.37E-01	2.24	(-0.68- 5.23)	1.32E-01	3.06E-01
473	PI(18:0_20:2)	3.06	(1.34- 5.04)	2.33E-04	7.25E-04	1.63	(-0.16- 3.76)	7.72E-02	1.82E-01	-3.21	(-5.66--0.70)	1.28E-02	7.41E-02	-1.07	(-4.23- 2.20)	5.15E-01	6.98E-01
474	PI(18:0_20:3) (a)	-0.40	(-0.97- 0.20)	1.87E-01	2.95E-01	0.00	(-0.81- 0.87)	9.93E-01	9.97E-01	-1.35	(-3.12- 0.45)	1.39E-01	3.52E-01	-0.37	(-2.42- 1.73)	7.28E-01	8.57E-01
475	PI(18:0_20:4)	-0.73	(-1.25--0.17)	1.08E-02	2.42E-02	-0.31	(-1.02- 0.47)	4.28E-01	6.22E-01	-1.81	(-3.59- 0.00)	5.03E-02	2.05E-01	0.04	(-2.13- 2.25)	9.73E-01	9.85E-01
476	PI(38:5) (a)	-0.06	(-0.87- 0.82)	8.84E-01	9.27E-01	-1.22	(-2.02--0.34)	7.69E-03	2.83E-02	-1.78	(-3.60- 0.08)	6.07E-02	2.20E-01	0.38	(-2.04- 2.86)	7.58E-01	8.85E-01
477	PI(38:6)	-1.14	(-1.80--0.42)	2.42E-03	6.43E-03	-0.49	(-1.33- 0.44)	2.92E-01	4.89E-01	0.21	(-1.99- 2.46)	8.54E-01	9.40E-01	-0.66	(-3.33- 2.08)	6.31E-01	7.89E-01
478	PI(18:0_22:4)	1.38	(0.50- 2.34)	1.81E-03	4.87E-03	1.01	(-0.05- 2.18)	6.34E-02	1.59E-01	-0.76	(-2.93- 1.45)	4.94E-01	7.35E-01	-0.75	(-3.46- 2.04)	5.93E-01	7.59E-01
479	PI(18:0_22:5) (n3)	-1.48	(-2.27--0.61)	1.28E-03	3.52E-03	-0.73	(-1.79- 0.47)	2.22E-01	4.08E-01	0.11	(-2.14- 2.41)	9.25E-01	9.71E-01	1.75	(-1.21- 4.81)	2.48E-01	4.40E-01
480	PI(18:0_22:6)	-1.27	(-1.93--0.56)	6.94E-04	2.00E-03	-0.74	(-1.60- 0.21)	1.22E-01	2.61E-01	0.19	(-2.12- 2.56)	8.70E-01	9.45E-01	-0.59	(-3.61- 2.52)	7.04E-01	8.48E-01

Table S5. Association studies with pre-pregnancy BMI and birth weight in Barwon Infant Study (BIS) and the meta-analysis results (GUSTO and BIS). Related to Figure 4.

Lipid Species	BIS - ppBMI (antenatal)				Comparison between GUSTO and BIS	Meta Analysis of ppBMI study (GUSTO and BIS)				BIS - Birth Weight (cord blood)				Comparison between GUSTO and BIS	Meta Analysis of BW study (GUSTO and BIS)			
	adjusted for ethnicity, maternal age, maternal education level and gestational weight gain					adjusted for sex, ethnicity, maternal age, maternal education level, pre-pregnancy BMI, gestational age and parity												
	%change in lipid concentration per unit BMI	95%CI	p-value	p-value(BH)	Overall effect size (%change)	Overall 95%CI	Overall p-value	Overall p-value(BH)	%change in lipid concentration per 100 grams	95%CI	p-value	p-value(BH)	Overall Effect Size (%change)	Overall 95%CI	Overall p-value	Overall p-value(BH)		
AC(12:0)	3.36	(1.75-4.99)	4.02E-05	2.06E-04	BIS only	1.23	(0.34-2.11)	6.89E-03	1.11E-02	-1.93	(-2.73--1.13)	2.89E-06	1.63E-05	GUSTO and BIS	-1.69	(-2.17--1.21)	6.51E-12	2.70E-11
AC(13:0)	1.81	(0.09-3.56)	3.97E-02	7.21E-02	notSig	1.51	(0.45-2.57)	5.44E-03	9.06E-03	-1.04	(-1.89--0.2)	1.59E-02	3.46E-02	BIS only	-1.09	(-1.76--0.41)	1.66E-03	3.23E-03
AC(14:0)	1.10	(0.07-2.14)	3.63E-02	6.69E-02	notSig	0.57	(-0.01-1.15)	5.28E-02	7.22E-02	-1.47	(-2.33--0.61)	8.38E-04	2.64E-03	GUSTO and BIS	-1.17	(-1.65--0.68)	2.12E-06	5.68E-06
AC(14:1)	5.56	(3.78-7.37)	7.46E-10	2.16E-08	GUSTO and BIS	2.62	(1.64-3.6)	1.57E-07	6.30E-07	-1.48	(-2.34--0.63)	7.02E-04	2.25E-03	GUSTO and BIS	-1.23	(-1.77--0.7)	5.89E-06	1.52E-05
AC(14:2)	4.48	(2.74-6.25)	3.73E-07	3.93E-06	BIS only	2.02	(1.08-2.96)	2.51E-05	6.69E-05	-1.38	(-2.05--0.71)	5.56E-05	2.26E-04	GUSTO and BIS	-1.13	(-1.56--0.69)	3.41E-07	9.70E-07
AC(16:0)	1.08	(0.31-1.85)	6.12E-03	1.49E-02	BIS only	0.56	(0.13-0.99)	1.07E-02	1.66E-02	-0.36	(-0.98-0.27)	2.63E-01	3.63E-01	notSig	-0.42	(-0.83--0.01)	4.43E-02	6.64E-02
AC(16:1)	3.86	(2.73-5)	2.01E-11	1.87E-09	GUSTO and BIS	2.12	(1.45-2.78)	5.13E-10	2.94E-09	-1.29	(-2.29--0.3)	1.08E-02	2.50E-02	GUSTO and BIS	-1.09	(-1.65--0.54)	1.08E-04	2.49E-04
AC(18:0)	-0.02	(-0.89-0.85)	9.57E-01	9.66E-01	notSig	-0.06	(-0.51-0.39)	7.85E-01	8.17E-01	-0.32	(-1.03-0.39)	3.76E-01	4.82E-01	GUSTO only	-0.62	(-1.04--0.19)	4.54E-03	8.40E-03
AC(18:1)	2.21	(1.23-3.21)	1.07E-05	6.72E-05	GUSTO and BIS	1.64	(1.07-2.22)	1.74E-08	7.98E-08	-0.02	(-0.96-0.92)	9.62E-01	9.66E-01	notSig	0.05	(-0.51-0.62)	8.52E-01	8.86E-01
AC(18:2)	-0.10	(-0.96-0.78)	8.30E-01	8.71E-01	GUSTO only	0.58	(0.04-1.11)	3.55E-02	4.97E-02	-0.86	(-1.83-0.12)	8.58E-02	1.42E-01	notSig	-0.55	(-1.09--0.02)	4.16E-02	6.31E-02
CE(14:0)	-3.91	(-4.95--2.86)	1.52E-12	3.69E-10	GUSTO and BIS	-2.36	(-2.84--1.87)	2.35E-21	9.90E-20	0.46	(-0.09-1.02)	9.98E-02	1.62E-01	notSig	-0.04	(-0.42-0.35)	8.54E-01	8.86E-01
CE(16:1)	-1.32	(-2.52--0.11)	3.33E-02	6.31E-02	GUSTO only	-1.13	(-1.78--0.49)	6.00E-04	1.16E-03	2.15	(1.5-2.81)	2.31E-10	2.75E-09	GUSTO and BIS	1.59	(1.12-2.07)	5.07E-11	1.88E-10
CE(18:0)	-0.68	(-1.39-0.05)	6.63E-02	1.13E-01	GUSTO only	-0.97	(-1.39--0.56)	4.91E-06	1.44E-05	1.13	(0.4-1.85)	2.42E-03	6.75E-03	BIS only	0.74	(0.2-1.28)	7.07E-03	1.25E-02
CE(18:1)	-0.17	(-0.61-0.28)	4.52E-01	5.34E-01	GUSTO only	-0.68	(-0.93--0.43)	1.48E-07	6.13E-07	0.94	(0.41-1.46)	4.81E-04	1.60E-03	BIS only	0.48	(0.14-0.81)	5.70E-03	1.03E-02
CE(18:2)	-0.53	(-0.92--0.15)	6.72E-03	1.62E-02	GUSTO and BIS	-0.70	(-0.95--0.44)	1.33E-07	5.65E-07	0.14	(-0.48-0.76)	6.58E-01	7.31E-01	notSig	-0.18	(-0.58-0.21)	3.58E-01	4.15E-01
CE(18:3)	-4.43	(-5.6--3.24)	1.59E-12	3.69E-10	GUSTO and BIS	-2.46	(-3--1.91)	6.77E-19	1.85E-17	2.20	(1.43-2.97)	2.92E-08	2.38E-07	BIS only	1.40	(0.81-1.98)	2.73E-06	7.24E-06
CE(20:1)	-0.30	(-0.98-0.38)	3.84E-01	4.73E-01	GUSTO only	-0.67	(-1.05--0.29)	5.79E-04	1.13E-03	1.11	(0.33-1.9)	5.51E-03	1.42E-02	BIS only	0.86	(0.28-1.43)	3.60E-03	6.75E-03
CE(20:2)	-1.31	(-1.91--0.72)	1.87E-05	1.08E-04	GUSTO and BIS	-1.32	(-1.66--0.98)	2.52E-14	2.93E-13	1.17	(0.57-1.78)	1.47E-04	5.52E-04	GUSTO and BIS	1.00	(0.55-1.44)	1.04E-05	2.60E-05
CE(20:4)	-1.38	(-2.49--0.27)	1.51E-02	3.24E-02	BIS only	-0.84	(-1.39--0.29)	2.95E-03	5.14E-03	1.21	(0.43-1.98)	2.38E-03	6.68E-03	BIS only	0.32	(-0.14-0.79)	1.72E-01	2.22E-01
CE(20:5)	-2.86	(-4.45--1.24)	6.17E-04	2.19E-03	GUSTO and BIS	-2.18	(-3.21--1.15)	3.28E-05	8.36E-05	1.01	(-0.11-2.13)	7.69E-02	1.31E-01	GUSTO only	-0.82	(-1.58--0.05)	3.66E-02	5.67E-02
CE(22:5) (n6)	-2.13	(-3.07--1.17)	1.65E-05	9.70E-05	GUSTO and BIS	-1.95	(-2.44--1.45)	1.99E-14	2.44E-13	1.56	(0.94-2.17)	8.10E-07	5.01E-06	BIS only	1.13	(0.65-1.61)	4.76E-06	1.24E-05
CE(22:6)	-1.77	(-2.92--0.61)	2.93E-03	8.08E-03	GUSTO and BIS	-1.61	(-2.22--1)	2.48E-07	9.75E-07	0.14	(-0.48-0.76)	6.58E-01	7.31E-01	GUSTO only	-0.65	(-1.14--0.15)	9.99E-03	1.71E-02
CE(24:5)	0.29	(-0.71-1.3)	5.69E-01	6.48E-01	GUSTO only	-1.24	(-1.82--0.67)	2.48E-05	6.69E-05	-1.43	(-2.54--0.31)	1.21E-02	2.75E-02	GUSTO and BIS	-2.34	(-3.02--1.67)	1.14E-11	4.55E-11
CE(24:6)	-3.03	(-4.14--1.91)	1.92E-07	2.41E-06	GUSTO and BIS	-2.69	(-3.3--2.08)	4.80E-18	1.24E-16	-0.37	(-1.22-0.47)	3.85E-01	4.90E-01	GUSTO only	-0.71	(-1.34--0.08)	2.72E-02	4.35E-02
DG(16:0_16:1)	1.88	(0.13-3.66)	3.49E-02	6.55E-02	notSig	0.96	(0.07-1.85)	3.54E-02	4.97E-02	-1.05	(-1.86--0.24)	1.15E-02	2.65E-02	GUSTO and BIS	-1.18	(-1.76--0.6)	6.52E-05	1.54E-04
DG(14:0_18:2)	-1.79	(-3.27--0.29)	1.99E-02	4.02E-02	BIS only	-1.27	(-2.1--0.43)	2.89E-03	5.05E-03	-2.05	(-3.02--1.08)	3.47E-05	1.49E-04	GUSTO and BIS	-2.53	(-3.23--1.82)	2.49E-12	1.06E-11
DG(16:0_18:1)	2.82	(1.49-4.16)	2.90E-05	1.57E-04	GUSTO and BIS	1.68	(1.03-2.33)	3.83E-07	1.42E-06	-1.34	(-2.33--0.36)	7.64E-03	1.88E-02	GUSTO and BIS	-1.72	(-2.29--1.16)	2.38E-09	8.12E-09
DG(16:1_18:1)	3.07	(1.7-4.47)	1.09E-05	6.72E-05	BIS only	1.43	(0.69-2.17)	1.38E-04	3.16E-04	-0.86	(-1.72--0.01)	4.75E-02	9.00E-02	GUSTO only	-1.57	(-2.12--1.01)	2.91E-08	8.99E-08
DG(16:0_18:2)	1.91	(0.58-3.25)	4.66E-03	1.21E-02	GUSTO and BIS	1.15	(0.51-1.78)	3.88E-04	7.93E-04	-2.81	(-3.89--1.73)	4.47E-07	3.01E-06	GUSTO and BIS	-2.99	(-3.59--2.39)	1.76E-22	1.36E-21
DG(18:0_18:1)	2.39	(1.17-3.63)	1.27E-04	5.45E-04	GUSTO and BIS	1.60	(1.01-2.19)	1.29E-07	5.53E-07	-0.66	(-1.5-0.18)	1.25E-01	1.95E-01	GUSTO only	-1.02	(-1.57--0.47)	2.89E-04	6.35E-04
DG(18:1_18:1)	3.44	(2.11-4.79)	3.65E-07	3.93E-06	GUSTO and BIS	1.84	(1.2-2.48)	1.70E-08	7.89E-08	-0.91	(-1.93-0.11)	8.07E-02	1.35E-01	GUSTO only	-1.57	(-2.13--1.01)	3.94E-08	1.20E-07
DG(18:0_18:2)	1.65	(0.26-3.06)	1.98E-02	4.01E-02	GUSTO and BIS	1.14	(0.47-1.81)	8.15E-04	1.54E-03	-1.86	(-2.84--0.87)	2.22E-04	8.05E-04	GUSTO and BIS	-1.74	(-2.42--1.05)	7.02E-07	1.93E-06
DG(18:1_18:2)	2.55	(1.26-3.86)	1.00E-04	4.47E-04	GUSTO and BIS	1.33	(0.7-1.97)	3.83E-05	9.51E-05	-2.31	(-3.35--1.27)	1.45E-05	6.95E-05	GUSTO and BIS	-2.92	(-3.47--2.37)	9.92E-26	9.21E-25
DG(18:2_18:2)	1.55	(-0.09-3.22)	6.41E-02	1.11E-01	notSig	1.04	(0.23-1.86)	1.19E-02	1.84E-02	-3.01	(-4.18--1.84)	5.35E-07	3.54E-06	GUSTO and BIS	-3.84	(-4.46--3.23)	1.99E-34	2.98E-33
DG(18:1_18:3)	0.76	(-0.53-2.06)	2.50E-01	3.37E-01	notSig	0.47	(-0.2-1.14)	1.67E-01	2.06E-01	-1.91	(-2.84--0.98)	6.56E-05	2.65E-04	GUSTO and BIS	-2.32	(-2.93--1.71)	1.08E-13	5.07E-13
DG(16:0_20:4)	2.13	(0.73-3.55)	2.73E-03	7.58E-03	GUSTO and BIS	1.47	(0.7-2.25)	2.00E-04	4.39E-04	-2.23	(-3.31--1.16)	5.00E-05	2.07E-04	GUSTO and BIS	-2.12	(-2.77--1.48)	1.10E-10	3.94E-10
DG(18:1_20:3)	1.68	(0.53-2.84)	4.11E-03	1.09E-02	BIS only	0.80	(0.17-1.44)	1.29E-02	1.96E-02	0.37	(-0.43-1.17)	3.59E-01	4.65E-01	notSig	0.04	(-0.53-0.61)	8.84E-01	9.07E-01
DG(18:1_20:4)	3.07	(1.99-4.16)	2.60E-08	4.17E-07	GUSTO and BIS	1.75	(1.14-2.36)	2.01E-08	9.07E-08	-1.70	(-2.54--0.86)	7.91E-05	3.06E-04	GUSTO and BIS	-1.92	(-2.45--1.4)	6.80E-13	2.98E-12
DG(16:0_22:5)	2.32	(0.94-3.72)	9.73E-04	3.07E-03	BIS only	1.08	(0.33-1.82)	4.65E-03	7.82E-03	-4.31	(-5.44--3.18)	2.22E-13	4.12E-12	GUSTO and BIS	-2.76	(-3.42--2.09)	3.35E-16	1.85E-15
DG(18:2_20:4)	2.45	(1.24-3.67)	6.69E-05	3.11E-04	BIS only	1.35	(0.65-2.04)	1.50E-04	3.41E-04	-3.12	(-4.09--2.15)	4.51E-10	4.77E-09	GUSTO and BIS	-3.13	(-3.74--2.53)	2.07E-24	1.78E-23
DG(16:0_22:6)	3.43	(1.88-5.01)	1.30E-05	7.85E-05	BIS only	1.94	(1.03-2.86)	3.23E-05	8.28E-05	-4.45	(-5.52--3.39)	1.00E-15	2.45E-14	GUSTO and BIS	-4.20	(-4.79--3.61)	5.66E-44	1.75E-42
DG(18:1_22:5)	3.06	(1.95-4.17)	5.46E-08	7.45E-07	BIS only	1.43	(0.76-2.09)	2.68E-05	7.06E-05	-1.58	(-2.32--0.84)	3.41E-05	1.48E-04	GUSTO and BIS	-1.73	(-2.27--1.19)	4.74E-10	1.68E-09
DG(18:1_22:6)	4.34	(2.91-5.79)	2.49E-09	5.50E-08	GUSTO and BIS	2.53	(1.67-3.39)	7.83E-09	3.79E-08	-3.89	(-4.84--2.93)	4.72E-15	1.04E-13	GUSTO and BIS	-3.63	(-4.19--3.07)	4.57E-37	9.64E-36
DG(18:2_22:6)	3.34	(1.77-4.94)	2.92E-05	1.57E-04	GUSTO and BIS	2.12	(1.21-3.02)	4.73E-06	1.41E-05	-5.08	(-6.21--3.96)	4.34E-18	2.01E-16	GUSTO and BIS	-4.36	(-5.01--3.71)	7.07E-40	1.64E-38

TG(48:0) [NL-18:0]	-3.52	(-5.19--1.83)	5.76E-05	2.73E-04	GUSTO and BIS	-1.98	(-2.76--1.2)	6.07E-07	2.13E-06	0.07	(-0.69-0.84)	8.51E-01	8.91E-01	GUSTO only	-0.58	(-1.16-0)	5.07E-02	7.47E-02
TG(48:1) [NL-16:1]	-0.31	(-1.92-1.33)	7.10E-01	7.74E-01	notSig	0.24	(-0.69-1.17)	6.09E-01	6.62E-01	-0.31	(-1.24-0.62)	5.11E-01	6.06E-01	GUSTO only	-1.34	(-2.01--0.68)	7.78E-05	1.82E-04
TG(48:1) [NL-18:1]	-2.33	(-3.29--1.37)	3.02E-06	2.46E-05	BIS only	-1.40	(-2.05--0.75)	2.50E-05	6.69E-05	-0.80	(-1.74-0.14)	9.49E-02	1.54E-01	GUSTO only	-2.11	(-2.73--1.48)	4.31E-11	1.61E-10
TG(48:2) [NL-14:0]	-1.38	(-2.47--0.28)	1.44E-02	3.12E-02	BIS only	-1.15	(-1.9--0.39)	2.83E-03	4.98E-03	-2.11	(-3.22--1)	1.96E-04	7.20E-04	GUSTO and BIS	-3.24	(-3.86--2.62)	1.29E-24	1.13E-23
TG(48:2) [NL-14:1]	-1.37	(-2.85-0.13)	7.37E-02	1.22E-01	GUSTO only	-1.26	(-2.12--0.39)	4.40E-03	7.46E-03	-1.65	(-2.91--0.39)	1.01E-02	2.37E-02	GUSTO and BIS	-2.67	(-3.33--2)	5.20E-15	2.65E-14
TG(48:2) [NL-16:1]	0.72	(-0.78-2.25)	3.48E-01	4.37E-01	notSig	0.21	(-0.78-1.2)	6.73E-01	7.19E-01	-0.87	(-1.76-0.03)	5.73E-02	1.05E-01	GUSTO only	-1.92	(-2.53--1.3)	9.98E-10	3.43E-09
TG(48:2) [NL-18:2]	-2.43	(-3.5--1.36)	1.21E-05	7.41E-05	GUSTO and BIS	-1.78	(-2.52--1.03)	2.94E-06	9.16E-06	-2.40	(-3.4--1.39)	3.60E-06	1.99E-05	GUSTO and BIS	-3.50	(-4.11--2.89)	3.79E-29	4.19E-28
TG(48:3) [NL-14:0]	-1.75	(-3.43--0.04)	4.49E-02	8.05E-02	GUSTO only	-1.58	(-2.53--0.64)	9.75E-04	1.81E-03	-3.53	(-4.8--2.25)	7.61E-08	5.88E-07	GUSTO and BIS	-3.91	(-4.55--3.27)	3.03E-33	4.26E-32
TG(48:3) [NL-16:1]	0.38	(-1.25-2.05)	6.47E-01	7.13E-01	notSig	-0.64	(-1.59-0.31)	1.86E-01	2.27E-01	-2.17	(-3.11--1.23)	6.87E-06	3.58E-05	GUSTO and BIS	-2.62	(-3.2--2.04)	9.32E-19	5.61E-18
TG(48:3) [NL-18:3]	-3.12	(-4.76--1.46)	2.71E-04	1.06E-03	GUSTO and BIS	-2.30	(-3.3--1.29)	7.64E-06	2.19E-05	-2.68	(-3.82--1.55)	4.18E-06	2.23E-05	GUSTO and BIS	-3.08	(-3.68--2.47)	1.61E-23	1.31E-22
TG(49:1) [NL-17:1]	0.59	(-0.99-2.2)	4.67E-01	5.50E-01	notSig	0.39	(-0.37-1.16)	3.14E-01	3.62E-01	-1.18	(-2.06--0.3)	8.39E-03	2.04E-02	GUSTO and BIS	-1.80	(-2.34--1.26)	6.71E-11	2.43E-10
TG(50:1) [NL-14:0]	-2.79	(-3.99--1.57)	9.51E-06	6.23E-05	BIS only	-1.37	(-2.01--0.73)	3.05E-05	7.90E-05	-0.33	(-1.16-0.51)	4.43E-01	5.41E-01	GUSTO only	-0.83	(-1.46--0.21)	9.17E-03	1.59E-02
TG(50:1) [NL-16:0]	0.08	(-0.72-0.89)	8.39E-01	8.75E-01	GUSTO only	0.56	(0.07-1.04)	2.39E-02	3.43E-02	-0.91	(-1.67--0.15)	1.93E-02	4.12E-02	GUSTO and BIS	-1.65	(-2.2--1.1)	4.95E-09	1.64E-08
TG(50:1) [NL-18:1]	0.05	(-0.66-0.76)	8.98E-01	9.20E-01	GUSTO only	0.47	(0.02-0.92)	3.88E-02	5.39E-02	-0.86	(-1.52--0.21)	1.01E-02	2.37E-02	GUSTO and BIS	-1.50	(-2.01--0.99)	7.44E-09	2.40E-08
TG(50:2) [NL-14:0]	-0.97	(-1.73--0.2)	1.41E-02	3.07E-02	GUSTO and BIS	-0.76	(-1.22--0.3)	1.14E-03	2.08E-03	-0.48	(-1.4-0.45)	3.11E-01	4.14E-01	GUSTO only	-2.09	(-2.7--1.48)	1.95E-11	7.56E-11
TG(50:2) [NL-16:1]	1.29	(0.46-2.13)	2.41E-03	6.77E-03	BIS only	0.92	(0.38-1.47)	9.27E-04	1.73E-03	-0.44	(-1.23-0.34)	2.68E-01	3.67E-01	GUSTO only	-1.62	(-2.2--1.05)	3.43E-08	1.05E-07
TG(50:2) [NL-18:1]	0.16	(-0.42-0.75)	5.85E-01	6.61E-01	notSig	0.23	(-0.19-0.66)	2.82E-01	3.33E-01	-0.42	(-1.11-0.27)	2.33E-01	3.33E-01	GUSTO only	-1.50	(-2.03--0.96)	4.88E-08	1.45E-07
TG(50:2) [NL-18:2]	-0.43	(-1.17-0.32)	2.61E-01	3.50E-01	GUSTO only	0.25	(-0.21-0.7)	2.91E-01	3.40E-01	-2.06	(-2.84--1.27)	3.16E-07	2.19E-06	GUSTO and BIS	-3.08	(-3.64--2.52)	4.68E-27	4.72E-26
TG(50:3) [NL-14:0]	-1.31	(-2.05--0.58)	5.22E-04	1.92E-03	BIS only	-0.91	(-1.43--0.39)	5.80E-04	1.13E-03	-2.92	(-4.09--1.74)	1.49E-06	8.86E-06	GUSTO and BIS	-3.87	(-4.5--3.23)	4.82E-33	6.39E-32
TG(50:3) [NL-14:1]	-0.54	(-1.57-0.5)	3.05E-01	3.97E-01	notSig	-0.61	(-1.17--0.06)	3.04E-02	4.30E-02	-1.34	(-2.49--0.18)	2.31E-02	4.77E-02	GUSTO and BIS	-2.03	(-2.7--1.35)	3.68E-09	1.23E-08
TG(50:3) [NL-16:1]	1.82	(0.94-2.72)	5.63E-05	2.69E-04	BIS only	1.17	(0.55-1.78)	1.83E-04	4.07E-04	-1.95	(-2.85--1.05)	2.21E-05	1.01E-04	GUSTO and BIS	-3.10	(-3.67--2.52)	3.03E-26	2.99E-25
TG(50:3) [NL-18:2]	0.36	(-0.27-0.99)	2.69E-01	3.60E-01	notSig	0.32	(-0.16-0.81)	1.85E-01	2.26E-01	-2.52	(-3.45--1.6)	1.12E-07	8.36E-07	GUSTO and BIS	-3.65	(-4.23--3.08)	1.24E-35	2.13E-34
TG(50:3) [NL-18:3]	-1.20	(-2.3--0.08)	3.50E-02	6.56E-02	notSig	-0.41	(-1.12-0.3)	2.57E-01	3.06E-01	-2.39	(-3.36--1.42)	1.62E-06	9.51E-06	GUSTO and BIS	-3.25	(-3.86--2.64)	1.05E-25	9.52E-25
TG(50:4) [NL-14:0]	-1.26	(-2.67-0.17)	8.43E-02	1.37E-01	notSig	-1.00	(-1.83--0.18)	1.73E-02	2.55E-02	-4.67	(-6.01--3.34)	1.27E-11	1.73E-10	GUSTO and BIS	-4.39	(-5.01--3.77)	1.13E-43	3.28E-42
TG(50:4) [NL-18:3]	-0.36	(-1.65-0.94)	5.84E-01	6.61E-01	notSig	-0.58	(-1.39-0.23)	1.62E-01	2.01E-01	-3.25	(-4.4--2.11)	3.61E-08	2.84E-07	GUSTO and BIS	-3.75	(-4.33--3.17)	1.06E-36	2.05E-35
TG(50:4) [NL-20:4]	-1.30	(-2.92-0.35)	1.22E-01	1.84E-01	notSig	-1.02	(-2.07-0.04)	5.92E-02	8.06E-02	-2.53	(-3.68--1.38)	1.81E-05	8.42E-05	GUSTO and BIS	-3.15	(-3.85--2.45)	1.04E-18	6.18E-18
TG(51:1) [NL-17:0]	1.56	(0.29-2.83)	1.55E-02	3.29E-02	BIS only	0.90	(0.25-1.54)	6.39E-03	1.04E-02	-1.72	(-2.74--0.71)	8.91E-04	2.77E-03	GUSTO and BIS	-2.36	(-2.97--1.75)	3.56E-14	1.72E-13
TG(51:2) [NL-15:0]	1.27	(0.22-2.32)	1.79E-02	3.72E-02	BIS only	-0.02	(-0.58-0.54)	9.37E-01	9.47E-01	-2.20	(-3.35--1.06)	1.71E-04	6.36E-04	GUSTO and BIS	-3.00	(-3.64--2.35)	9.85E-20	6.38E-19
TG(51:2) [NL-17:0]	2.24	(1.27-3.23)	6.14E-06	4.43E-05	BIS only	0.99	(0.42-1.55)	5.85E-04	1.14E-03	-1.83	(-2.83--0.84)	3.12E-04	1.11E-03	GUSTO and BIS	-2.83	(-3.43--2.23)	3.31E-20	2.19E-19
TG(51:2) [NL-17:1]	2.25	(1.27-3.24)	6.21E-06	4.43E-05	BIS only	0.95	(0.4-1.5)	6.95E-04	1.33E-03	-1.84	(-2.84--0.84)	3.17E-04	1.11E-03	GUSTO and BIS	-2.57	(-3.12--2.01)	1.23E-19	7.83E-19
TG(52:1) [NL-18:0]	1.13	(0.07-2.21)	3.75E-02	6.89E-02	GUSTO only	1.29	(0.65-1.93)	7.59E-05	1.81E-04	-0.34	(-1.34-0.67)	5.14E-01	6.06E-01	GUSTO only	-1.13	(-1.83--0.43)	1.48E-03	2.90E-03
TG(52:1) [NL-18:1]	1.62	(0.43-2.82)	7.55E-03	1.79E-02	GUSTO and BIS	1.50	(0.85-2.15)	5.43E-06	1.57E-05	-0.56	(-1.66-0.55)	3.24E-01	4.28E-01	GUSTO only	-1.26	(-1.99--0.53)	6.97E-04	1.45E-03
TG(52:2) [NL-16:0]	1.13	(0.49-1.77)	5.41E-04	1.97E-03	GUSTO and BIS	0.90	(0.55-1.24)	2.89E-07	1.12E-06	-0.99	(-1.78--0.2)	1.40E-02	3.09E-02	GUSTO and BIS	-2.02	(-2.53--1.5)	2.34E-14	1.14E-13
TG(52:2) [NL-18:2]	-0.46	(-1.3-0.38)	2.83E-01	3.74E-01	notSig	0.14	(-0.35-0.64)	5.74E-01	6.31E-01	-1.63	(-2.53--0.73)	3.91E-04	1.33E-03	GUSTO and BIS	-2.20	(-2.83--1.56)	9.40E-12	3.86E-11
TG(52:3) [NL-16:1]	1.90	(1.05-2.75)	1.03E-05	6.59E-05	BIS only	0.86	(0.39-1.34)	3.56E-04	7.37E-04	-0.57	(-1.42-0.28)	1.90E-01	2.80E-01	GUSTO only	-2.11	(-2.68--1.54)	5.56E-13	2.45E-12
TG(52:3) [NL-18:2]	0.51	(-0.04-1.07)	7.11E-02	1.19E-01	GUSTO only	0.66	(0.32-1.01)	1.84E-04	4.07E-04	-2.39	(-3.27--1.51)	1.37E-07	9.90E-07	GUSTO and BIS	-3.61	(-4.16--3.05)	2.57E-37	5.69E-36
TG(52:4) [NL-16:1]	2.54	(1.64-3.44)	2.78E-08	4.30E-07	BIS only	1.42	(0.85-1.98)	9.55E-07	3.10E-06	-3.04	(-4.19--1.89)	2.88E-07	2.02E-06	GUSTO and BIS	-4.12	(-4.72--3.53)	2.39E-42	6.16E-41
TG(52:4) [NL-18:2]	1.00	(0.17-1.84)	1.88E-02	3.85E-02	GUSTO and BIS	1.11	(0.55-1.67)	1.13E-04	2.62E-04	-3.62	(-4.64--2.59)	1.11E-11	1.61E-10	GUSTO and BIS	-4.53	(-5.12--3.95)	3.66E-52	1.70E-50
TG(52:4) [NL-18:3]	-0.10	(-0.85-0.65)	7.92E-01	8.41E-01	notSig	0.20	(-0.32-0.71)	4.51E-01	5.09E-01	-2.88	(-4--1.75)	6.99E-07	4.44E-06	GUSTO and BIS	-3.75	(-4.36--3.15)	6.14E-34	8.90E-33
TG(52:5) [NL-18:3]	0.20	(-1.12-1.53)	7.71E-01	8.21E-01	notSig	0.13	(-0.67-0.93)	7.44E-01	7.84E-01	-4.40	(-5.64--3.16)	8.60E-12	1.33E-10	GUSTO and BIS	-4.22	(-4.82--3.62)	6.84E-43	1.87E-41
TG(52:5) [NL-20:4]	1.26	(-0.1-2.63)	6.85E-02	1.16E-01	notSig	0.82	(-0.08-1.72)	7.36E-02	9.81E-02	-2.37	(-3.41--1.33)	8.78E-06	4.35E-05	GUSTO and BIS	-3.14	(-3.78--2.49)	2.43E-21	1.73E-20
TG(52:5) [NL-20:5]	-0.16	(-1.67-1.38)	8.41E-01	8.75E-01	notSig	0.43	(-0.55-1.41)	3.92E-01	4.47E-01	-4.88	(-6.11--3.66)	1.65E-14	3.33E-13	GUSTO and BIS	-4.56	(-5.19--3.92)	7.69E-45	2.74E-43
TG(53:2) [NL-18:1]	2.37	(1.44-3.31)	5.97E-07	5.90E-06	GUSTO and BIS	1.39	(0.84-1.94)	6.65E-07	2.26E-06	-1.82	(-2.78--0.86)	2.02E-04	7.36E-04	GUSTO and BIS	-2.40	(-2.95--1.85)	1.36E-17	7.80E-17
TG(54:1) [NL-18:1]	0.32	(-1.39-2.06)	7.16E-01	7.77E-01	GUSTO only	0.90	(0.28-1.53)	4.52E-03	7.62E-03	0.19	(-0.84-1.21)	7.22E-01	7.92E-01	GUSTO only	-0.76	(-1.47--0.05)	3.56E-02	5.52E-02
TG(54:2) [NL-18:0]	0.95	(-0.15-2.06)	9.07E-02	1.46E-01	GUSTO only	1.28	(0.69-1.87)	1.97E-05	5.44E-05	-0.31	(-1.36-0.73)	5.58E-01	6.40E-01	GUSTO only	-1.21	(-1.88--0.53)	4.79E-04	1.03E-03
TG(54:2) [NL-20:1]	2.17	(1.15-3.19)	2.60E-05	1.44E-04	BIS only	1.07	(0.46-1.69)	6.58E-04	1.27E-03	-0.36	(-1.53-0.81)	5.45E-01	6.32E-01	GUSTO only	-1.33	(-2.01--0.64)	1.40E-04	3.20E-04
TG(54:3) [NL-18:1]	0.68	(-0.2-1.58)	1.31E-01	1.96E-01	notSig	0.60	(0.13-1.08)	1.27E-02	1.94E-02	-0.07	(-0.75-0.61)	8.34E-01	8.82E-01	GUSTO only	-1.04	(-1.54--0.54)	4.79E-05	1.15E-04
TG(54:3) [NL-18:2]	0.43	(-0.44-1.31																

TG(54:6) [NL-18:3]	0.13	(-1.5-1.79)	8.78E-01	9.01E-01	notSig	-0.23	(-1.18-0.72)	6.39E-01	6.89E-01	-3.59	(-4.73--2.45)	1.06E-09	1.03E-08	GUSTO and BIS	-3.78	(-4.38--3.19)	2.63E-35	4.21E-34
TG(54:6) [NL-20:4]	1.79	(0.88-2.71)	1.16E-04	5.05E-04	GUSTO and BIS	1.45	(0.83-2.06)	4.34E-06	1.30E-05	-3.12	(-4.1--2.14)	7.87E-10	7.77E-09	GUSTO and BIS	-3.73	(-4.34--3.12)	3.88E-33	5.29E-32
TG(54:6) [NL-20:5]	1.12	(-0.09-2.35)	6.96E-02	1.17E-01	notSig	0.97	(0.14-1.81)	2.18E-02	3.15E-02	-4.78	(-5.95--3.6)	6.83E-15	1.44E-13	GUSTO and BIS	-4.97	(-5.57--4.36)	3.94E-58	2.28E-56
TG(54:6) [NL-22:6]	1.92	(0.5-3.36)	7.92E-03	1.85E-02	GUSTO and BIS	1.84	(0.91-2.78)	1.06E-04	2.47E-04	-4.45	(-5.51--3.38)	1.07E-15	2.49E-14	GUSTO and BIS	-4.93	(-5.53--4.34)	6.08E-59	4.03E-57
TG(54:7) [NL-20:5]	2.11	(0.44-3.82)	1.34E-02	2.95E-02	BIS only	1.07	(0.05-2.1)	4.02E-02	5.57E-02	-6.33	(-7.66--5)	1.20E-19	7.13E-18	GUSTO and BIS	-5.27	(-5.89--4.65)	1.35E-61	1.57E-59
TG(54:7) [NL-22:6]	3.03	(1.47-4.61)	1.30E-04	5.49E-04	BIS only	1.84	(0.82-2.85)	3.90E-04	7.93E-04	-5.23	(-6.42--4.05)	3.09E-17	1.10E-15	GUSTO and BIS	-5.00	(-5.59--4.4)	5.92E-61	4.58E-59
TG(56:6) [NL-20:4]	1.52	(0.58-2.46)	1.53E-03	4.58E-03	GUSTO and BIS	1.38	(0.92-1.84)	4.37E-09	2.23E-08	-1.04	(-1.92--0.15)	2.18E-02	4.56E-02	GUSTO and BIS	-2.11	(-2.71--1.52)	3.91E-12	1.64E-11
TG(56:7) [NL-20:4]	1.01	(0.1-1.92)	2.88E-02	5.56E-02	GUSTO only	1.02	(0.48-1.56)	2.28E-04	4.92E-04	-2.52	(-3.61--1.44)	6.15E-06	3.24E-05	GUSTO and BIS	-3.26	(-3.91--2.62)	3.97E-23	3.12E-22
TG(56:7) [NL-20:5]	0.93	(-0.31-2.19)	1.42E-01	2.11E-01	notSig	0.63	(-0.2-1.46)	1.39E-01	1.74E-01	-3.67	(-4.79--2.56)	2.02E-10	2.47E-09	GUSTO and BIS	-3.75	(-4.38--3.12)	3.53E-31	4.31E-30
TG(56:7) [NL-22:6]	3.23	(2.1-4.37)	2.13E-08	3.81E-07	GUSTO and BIS	2.56	(1.77-3.35)	2.14E-10	1.36E-09	-4.32	(-5.32--3.31)	1.93E-16	5.98E-15	GUSTO and BIS	-4.83	(-5.4--4.25)	2.44E-61	2.27E-59
TG(56:8) [NL-20:4]	0.85	(-0.38-2.09)	1.78E-01	2.55E-01	notSig	0.82	(0.07-1.56)	3.19E-02	4.49E-02	-3.04	(-4.15--1.94)	8.83E-08	6.72E-07	GUSTO and BIS	-2.98	(-3.64--2.32)	7.27E-19	4.44E-18
TG(56:8) [NL-20:5]	1.07	(-0.46-2.61)	1.71E-01	2.47E-01	notSig	0.54	(-0.43-1.51)	2.78E-01	3.29E-01	-5.25	(-6.49--4.01)	5.15E-16	1.41E-14	GUSTO and BIS	-4.40	(-5.02--3.79)	1.62E-44	5.38E-43
TG(56:8) [NL-22:6]	3.61	(2.28-4.97)	1.02E-07	1.31E-06	GUSTO and BIS	2.60	(1.7-3.51)	1.75E-08	7.98E-08	-5.76	(-6.86--4.65)	6.44E-23	1.19E-20	GUSTO and BIS	-5.46	(-6.03--4.9)	9.51E-80	4.41E-77
TG(56:9) [NL-22:6]	2.32	(0.63-4.04)	7.16E-03	1.70E-02	BIS only	1.29	(0.31-2.27)	9.72E-03	1.52E-02	-6.30	(-7.52--5.09)	7.68E-23	1.19E-20	GUSTO and BIS	-5.21	(-5.79--4.62)	1.65E-68	3.83E-66
TG(58:10) [NL-22:6]	1.99	(0.3-3.71)	2.10E-02	4.18E-02	BIS only	1.29	(0.32-2.26)	9.36E-03	1.47E-02	-5.80	(-6.99--4.61)	1.65E-20	1.27E-18	GUSTO and BIS	-4.80	(-5.39--4.21)	1.63E-57	8.42E-56
TG(58:8) [NL-22:6]	2.68	(1.4-3.98)	4.04E-05	2.06E-04	GUSTO and BIS	1.97	(1.14-2.8)	3.53E-06	1.08E-05	-4.00	(-5.01--2.99)	2.81E-14	5.43E-13	GUSTO and BIS	-4.34	(-4.92--3.76)	2.48E-49	1.04E-47
TG(58:9) [NL-22:6]	2.27	(0.81-3.74)	2.19E-03	6.26E-03	BIS only	1.62	(0.72-2.53)	4.53E-04	9.06E-04	-5.43	(-6.62--4.24)	2.33E-18	1.20E-16	GUSTO and BIS	-4.92	(-5.5--4.34)	4.05E-62	6.26E-60
TG(O-50:1) [NL-16:0]	-0.17	(-1.21-0.88)	7.51E-01	8.08E-01	notSig	-0.19	(-0.71-0.32)	4.60E-01	5.19E-01	-0.74	(-1.49-0.02)	5.49E-02	1.01E-01	notSig	-0.66	(-1.19--0.13)	1.39E-02	2.33E-02
TG(O-50:1) [NL-17:1]	-0.65	(-1.62-0.34)	1.97E-01	2.76E-01	notSig	-0.10	(-0.75-0.55)	7.61E-01	7.99E-01	-0.61	(-1.19--0.03)	3.78E-02	7.30E-02	GUSTO only	-1.25	(-1.69--0.8)	4.46E-08	1.33E-07
TG(O-50:1) [NL-18:1]	-0.83	(-1.86-0.21)	1.16E-01	1.79E-01	notSig	-0.68	(-1.23--0.12)	1.70E-02	2.53E-02	-0.86	(-1.65--0.07)	3.23E-02	6.40E-02	GUSTO only	-0.93	(-1.46--0.39)	7.04E-04	1.46E-03
TG(O-50:2) [NL-18:2]	-0.25	(-1.58-1.1)	7.14E-01	7.76E-01	notSig	-0.10	(-0.63-0.43)	7.25E-01	7.70E-01	-0.57	(-1.52-0.38)	2.42E-01	3.43E-01	notSig	-0.50	(-1.1-0.1)	1.05E-01	1.44E-01
TG(O-52:2) [NL-16:0]	0.73	(-0.37-1.85)	1.91E-01	2.71E-01	notSig	0.12	(-0.54-0.77)	7.27E-01	7.70E-01	-0.04	(-1.03-0.96)	9.42E-01	9.54E-01	GUSTO only	-0.62	(-1.31-0.07)	7.77E-02	1.09E-01
TG(O-52:2) [NL-17:1]	0.64	(-0.33-1.62)	1.99E-01	2.78E-01	notSig	0.45	(-0.1-1)	1.12E-01	1.43E-01	-0.56	(-1.27-0.14)	1.18E-01	1.86E-01	GUSTO only	-1.78	(-2.27--1.29)	9.10E-13	3.95E-12
TG(O-52:2) [NL-18:1]	0.72	(-0.36-1.81)	1.93E-01	2.72E-01	notSig	-0.02	(-0.68-0.64)	9.47E-01	9.55E-01	-0.58	(-1.36-0.19)	1.38E-01	2.12E-01	GUSTO only	-1.09	(-1.69--0.49)	3.34E-04	7.27E-04
TG(O-54:2) [NL-18:1]	-0.29	(-1.33-0.77)	5.90E-01	6.64E-01	GUSTO only	0.52	(-0.05-1.08)	7.46E-02	9.89E-02	-0.40	(-1.24-0.45)	3.57E-01	4.63E-01	GUSTO only	-1.77	(-2.29--1.24)	5.95E-11	2.17E-10
TG(O-54:4) [NL-17:1]	-0.64	(-1.98-0.72)	3.54E-01	4.42E-01	notSig	-0.09	(-0.76-0.57)	7.81E-01	8.15E-01	-1.75	(-3.65-0.14)	7.01E-02	1.23E-01	GUSTO only	-3.73	(-4.42--3.04)	3.57E-26	3.45E-25
TG(O-54:4) [NL-18:2]	1.17	(-0.64-3.02)	2.07E-01	2.89E-01	notSig	0.25	(-0.49-0.98)	5.12E-01	5.72E-01	-1.24	(-2.74-0.27)	1.07E-01	1.70E-01	GUSTO only	-3.95	(-4.6--3.31)	4.99E-33	6.43E-32
dhCer(d18:0/22:0)	0.06	(-0.7-0.82)	8.75E-01	9.01E-01	GUSTO only	0.69	(0.2-1.18)	5.76E-03	9.49E-03	1.24	(0.7-1.79)	9.64E-06	4.66E-05	BIS only	0.74	(0.31-1.17)	6.87E-04	1.44E-03
dhCer(d18:0/24:0)	-0.60	(-1.34-0.15)	1.18E-01	1.81E-01	notSig	-0.10	(-0.57-0.36)	6.64E-01	7.13E-01	0.80	(0.17-1.43)	1.31E-02	2.90E-02	BIS only	0.19	(-0.27-0.66)	4.21E-01	4.79E-01
dhCer(d18:0/24:1)	2.18	(1.31-3.04)	7.33E-07	6.77E-06	GUSTO and BIS	1.89	(1.34-2.44)	1.64E-11	1.28E-10	1.21	(0.52-1.9)	5.91E-04	1.93E-03	BIS only	0.63	(0.1-1.17)	2.11E-02	3.44E-02
Cer(d16:1/22:0)	-0.82	(-1.81-0.17)	1.04E-01	1.63E-01	GUSTO only	-0.75	(-1.27--0.24)	3.98E-03	6.81E-03	-0.13	(-0.89-0.63)	7.36E-01	8.01E-01	GUSTO only	-0.59	(-1.12--0.05)	3.11E-02	4.91E-02
Cer(d16:1/23:0)	-1.81	(-2.87--0.73)	1.07E-03	3.34E-03	GUSTO and BIS	-1.22	(-1.79--0.65)	2.51E-05	6.69E-05	-0.46	(-1.25-0.33)	2.49E-01	3.49E-01	notSig	-0.64	(-1.31-0.03)	6.07E-02	8.70E-02
Cer(d16:1/24:0)	-2.27	(-3.24--1.28)	8.83E-06	5.94E-05	GUSTO and BIS	-2.10	(-2.63--1.57)	6.69E-15	8.63E-14	-0.23	(-0.91-0.45)	5.09E-01	6.06E-01	notSig	-0.48	(-0.98-0.02)	5.95E-02	8.54E-02
Cer(d16:1/24:1)	0.99	(0.06-1.93)	3.63E-02	6.69E-02	notSig	0.03	(-0.49-0.55)	9.04E-01	9.21E-01	0.32	(-0.44-1.09)	4.05E-01	5.07E-01	notSig	-0.02	(-0.61-0.56)	9.37E-01	9.45E-01
Cer(d17:1/22:0)	0.01	(-0.89-0.93)	9.77E-01	9.82E-01	GUSTO only	-0.83	(-1.36--0.3)	2.04E-03	3.64E-03	-0.16	(-0.8-0.49)	6.35E-01	7.17E-01	notSig	-0.37	(-0.9-0.17)	1.79E-01	2.29E-01
Cer(d17:1/23:0)	-0.62	(-1.66-0.42)	2.39E-01	3.26E-01	GUSTO only	-1.09	(-1.65--0.52)	1.72E-04	3.87E-04	-0.57	(-1.37-0.23)	1.63E-01	2.46E-01	notSig	-0.74	(-1.44--0.04)	3.75E-02	5.75E-02
Cer(d17:1/24:0)	-0.87	(-1.76-0.03)	5.68E-02	1.00E-01	GUSTO only	-1.80	(-2.28--1.32)	2.78E-13	2.67E-12	-0.51	(-1.11-0.08)	8.98E-02	1.47E-01	GUSTO only	-0.73	(-1.19--0.26)	2.23E-03	4.27E-03
Cer(d17:1/24:1)	1.23	(0.34-2.12)	6.90E-03	1.66E-02	GUSTO and BIS	-0.32	(-0.83-0.19)	2.18E-01	2.64E-01	-0.05	(-0.77-0.66)	8.80E-01	9.07E-01	notSig	-0.41	(-0.96-0.13)	1.38E-01	1.83E-01
Cer(d18:1/16:0)	-0.12	(-0.75-0.5)	7.00E-01	7.64E-01	GUSTO only	-0.60	(-0.97--0.23)	1.51E-03	2.73E-03	-0.25	(-0.99-0.49)	5.04E-01	6.06E-01	notSig	-0.41	(-0.87-0.05)	8.23E-02	1.15E-01
Cer(d18:1/18:0)	2.86	(1.89-3.83)	6.98E-09	1.35E-07	GUSTO and BIS	2.26	(1.71-2.81)	9.19E-16	1.47E-14	-0.23	(-0.99-0.53)	5.53E-01	6.37E-01	notSig	-0.48	(-0.99-0.03)	6.59E-02	9.35E-02
Cer(d18:1/20:0)	1.49	(0.58-2.41)	1.28E-03	3.87E-03	BIS only	0.58	(0.1-1.06)	1.82E-02	2.66E-02	0.09	(-0.64-0.82)	8.06E-01	8.64E-01	notSig	-0.37	(-0.85-0.12)	1.42E-01	1.88E-01
Cer(d18:1/22:0)	0.32	(-0.42-1.08)	3.94E-01	4.79E-01	notSig	0.04	(-0.37-0.44)	8.64E-01	8.85E-01	0.80	(0.08-1.51)	2.95E-02	5.92E-02	notSig	0.29	(-0.18-0.76)	2.26E-01	2.80E-01
Cer(d18:1/23:0)	-0.19	(-0.98-0.6)	6.37E-01	7.06E-01	notSig	-0.34	(-0.75-0.07)	1.04E-01	1.35E-01	-0.29	(-1.19-0.61)	5.26E-01	6.17E-01	notSig	-0.36	(-0.95-0.23)	2.33E-01	2.87E-01
Cer(d18:1/24:0)	-0.56	(-1.26-0.15)	1.25E-01	1.88E-01	GUSTO only	-0.83	(-1.22--0.44)	2.71E-05	7.11E-05	0.52	(-0.1-1.15)	1.02E-01	1.65E-01	notSig	0.06	(-0.38-0.5)	7.89E-01	8.30E-01
Cer(d18:1/24:1)	2.15	(1.4-2.9)	2.24E-08	3.83E-07	BIS only	0.77	(0.33-1.2)	5.12E-04	1.01E-03	0.71	(-0.04-1.47)	6.48E-02	1.15E-01	notSig	0.14	(-0.36-0.64)	5.90E-01	6.48E-01
Cer(d18:2/16:0)	0.45	(-0.15-1.05)	1.39E-01	2.08E-01	notSig	0.05	(-0.39-0.48)	8.32E-01	8.60E-01	0.42	(-0.32-1.15)	2.63E-01	3.63E-01	notSig	0.32	(-0.26-0.91)	2.82E-01	3.40E-01
Cer(d18:2/22:0)	0.75	(-0.07-1.58)	7.26E-02	1.21E-01	notSig	0.00	(-0.47-0.47)	1.00E+00	1.00E+00	0.74	(0.08-1.4)	2.84E-02	5.73E-02	notSig	0.29	(-0.2-0.78)	2.46E-01	3.00E-01
Cer(d18:2/23:0)	0.31	(-0.57-1.19)	4.93E-01	5.72E-01	notSig	-0.29	(-0.78-0.2)	2.51E-01	3.00E-01	-0.14	(-0.98-0.69)	7.37E-01	8.01E-01	notSig	-0.25	(-0.89-0.39)	4.43E-01	4.99E-01
Cer(d18:2/24:0)	-0.71	(-1.51-0.1)	8.56E-02	1.39E-01	GUSTO only	-1.08	(-1.53--0.62)	3.50E-06	1.08E-05	0.40	(-0.28-1.09							

Cer(m18:0/22:0)	-0.83	(-2.06-0.41)	1.89E-01	2.68E-01	notSig	-0.06	(-0.72-0.6)	8.57E-01	8.82E-01	-0.33	(-1.13-0.48)	4.25E-01	5.26E-01	GUSTO only	-0.70	(-1.32--0.09)	2.55E-02	4.10E-02
Cer(m18:0/23:0)	-1.40	(-2.61--0.17)	2.60E-02	5.09E-02	notSig	-0.20	(-0.91-0.51)	5.80E-01	6.36E-01	-1.06	(-1.98--0.13)	2.54E-02	5.17E-02	notSig	-1.11	(-1.94--0.28)	8.89E-03	1.55E-02
Cer(m18:0/24:0)	-2.13	(-3.31--0.92)	5.83E-04	2.10E-03	BIS only	-1.07	(-1.73--0.42)	1.33E-03	2.43E-03	-0.62	(-1.4-0.16)	1.19E-01	1.86E-01	GUSTO only	-0.91	(-1.46--0.37)	1.08E-03	2.20E-03
Cer(m18:0/24:1)	0.66	(-0.57-1.9)	2.96E-01	3.87E-01	GUSTO only	0.98	(0.26-1.7)	7.82E-03	1.25E-02	-0.53	(-1.45-0.39)	2.60E-01	3.63E-01	GUSTO only	-0.95	(-1.63--0.26)	6.81E-03	1.21E-02
Cer(m18:1/22:0)	0.04	(-1.12-1.21)	9.50E-01	9.64E-01	notSig	0.43	(-0.26-1.11)	2.26E-01	2.72E-01	-0.75	(-1.54-0.05)	6.51E-02	1.15E-01	GUSTO only	-1.76	(-2.28--1.24)	3.29E-11	1.24E-10
Cer(m18:1/23:0)	-0.58	(-1.76-0.62)	3.41E-01	4.30E-01	notSig	-0.10	(-0.83-0.62)	7.75E-01	8.10E-01	-1.59	(-2.57--0.61)	1.46E-03	4.34E-03	GUSTO and BIS	-2.20	(-3--1.41)	5.32E-08	1.57E-07
Cer(m18:1/24:0)	-1.07	(-2.13-0.01)	5.17E-02	9.19E-02	notSig	-0.65	(-1.28--0.02)	4.47E-02	6.18E-02	-0.93	(-1.66--0.2)	1.21E-02	2.75E-02	GUSTO and BIS	-1.82	(-2.32--1.33)	4.92E-13	2.24E-12
Cer(m18:1/24:1)	1.69	(0.52-2.88)	4.75E-03	1.22E-02	GUSTO and BIS	1.49	(0.77-2.2)	4.63E-05	1.14E-04	-0.84	(-1.68--0.01)	4.75E-02	9.00E-02	GUSTO only	-1.53	(-2.1--0.95)	2.07E-07	5.95E-07
GM3(d18:1/18:0)	-0.02	(-0.71-0.69)	9.64E-01	9.70E-01	GUSTO only	-0.74	(-1.16--0.31)	6.75E-04	1.29E-03	-0.21	(-0.72-0.3)	4.26E-01	5.26E-01	GUSTO only	-0.44	(-0.83--0.05)	2.56E-02	4.11E-02
GM3(d18:1/22:0)	-0.33	(-1.15-0.5)	4.39E-01	5.25E-01	GUSTO only	-1.50	(-2--1.01)	2.53E-09	1.37E-08	0.64	(0.01-1.28)	4.78E-02	9.02E-02	notSig	0.49	(-0.05-1.03)	7.66E-02	1.07E-01
GM3(d18:1/24:0)	-1.84	(-2.77--0.89)	1.55E-04	6.37E-04	GUSTO and BIS	-2.77	(-3.29--2.26)	4.58E-26	4.25E-24	0.66	(-0.03-1.34)	6.13E-02	1.11E-01	notSig	0.17	(-0.35-0.69)	5.23E-01	5.78E-01
GM3(d18:1/24:1)	0.52	(-0.34-1.39)	2.33E-01	3.19E-01	GUSTO only	-1.03	(-1.52--0.54)	3.56E-05	8.91E-05	0.63	(-0.08-1.33)	8.00E-02	1.35E-01	notSig	0.33	(-0.2-0.87)	2.25E-01	2.80E-01
HexCer(d16:1/22:0)	-1.53	(-2.4--0.64)	7.70E-04	2.57E-03	GUSTO and BIS	-1.66	(-2.18--1.14)	2.92E-10	1.78E-09	0.04	(-0.72-0.8)	9.15E-01	9.33E-01	notSig	-0.14	(-0.8-0.52)	6.77E-01	7.26E-01
HexCer(d16:1/24:0)	-2.20	(-3.04--1.34)	6.57E-07	6.22E-06	GUSTO and BIS	-2.85	(-3.36--2.33)	4.63E-27	5.37E-25	-0.22	(-0.88-0.43)	5.02E-01	6.05E-01	notSig	-0.37	(-0.94-0.2)	2.04E-01	2.58E-01
HexCer(d18:1/16:0)	-0.69	(-1.48-0.12)	9.39E-02	1.50E-01	GUSTO only	-1.15	(-1.56--0.73)	6.18E-08	2.68E-07	0.77	(-0.04-1.59)	6.35E-02	1.14E-01	notSig	0.38	(-0.2-0.97)	2.00E-01	2.54E-01
HexCer(d18:1/18:0)	-0.24	(-1.08-0.6)	5.71E-01	6.49E-01	GUSTO only	-1.12	(-1.61--0.64)	4.85E-06	1.43E-05	0.52	(-0.31-1.36)	2.17E-01	3.13E-01	notSig	0.43	(-0.22-1.09)	1.95E-01	2.48E-01
HexCer(d18:1/20:0)	-0.19	(-1-0.62)	6.41E-01	7.08E-01	GUSTO only	-1.30	(-1.77--0.84)	3.73E-08	1.65E-07	0.82	(0.13-1.52)	2.02E-02	4.27E-02	BIS only	0.56	(0-1.13)	5.02E-02	7.41E-02
HexCer(d18:1/22:0)	-0.93	(-1.75--0.11)	2.73E-02	5.29E-02	GUSTO only	-1.67	(-2.09--1.24)	1.38E-14	1.73E-13	0.58	(-0.08-1.25)	8.55E-02	1.42E-01	notSig	0.55	(0.04-1.05)	3.43E-02	5.36E-02
HexCer(d18:1/24:0)	-1.88	(-2.65--1.1)	3.16E-06	2.48E-05	GUSTO and BIS	-2.38	(-2.81--1.96)	2.66E-28	4.11E-26	0.43	(-0.2-1.06)	1.81E-01	2.70E-01	notSig	0.28	(-0.2-0.77)	2.53E-01	3.08E-01
HexCer(d18:1/24:1)	0.03	(-0.79-0.85)	9.46E-01	9.64E-01	GUSTO only	-1.14	(-1.6--0.69)	1.02E-06	3.25E-06	0.95	(0.32-1.58)	3.02E-03	8.10E-03	BIS only	0.80	(0.31-1.3)	1.40E-03	2.76E-03
Hex2Cer(d16:1/16:0)	-1.54	(-2.44--0.63)	9.65E-04	3.07E-03	GUSTO and BIS	-1.38	(-1.89--0.86)	1.56E-07	6.30E-07	-0.60	(-1.45-0.24)	1.62E-01	2.46E-01	notSig	-0.78	(-1.43--0.13)	1.95E-02	3.22E-02
Hex2Cer(d18:1/16:0)	-1.32	(-2.07--0.57)	6.43E-04	2.23E-03	GUSTO and BIS	-1.49	(-1.92--1.06)	9.38E-12	7.64E-11	0.04	(-0.72-0.81)	9.10E-01	9.30E-01	notSig	-0.27	(-0.79-0.25)	3.08E-01	3.66E-01
Hex2Cer(d18:1/22:0)	-1.01	(-1.72--0.3)	5.74E-03	1.42E-02	GUSTO and BIS	-1.46	(-1.9--1.02)	7.22E-11	4.93E-10	0.31	(-0.35-0.98)	3.56E-01	4.63E-01	notSig	0.13	(-0.41-0.66)	6.38E-01	6.88E-01
Hex2Cer(d18:1/24:1)	-0.33	(-1.2-0.54)	4.53E-01	5.34E-01	GUSTO only	-1.25	(-1.74--0.76)	5.00E-07	1.79E-06	0.64	(-0.13-1.41)	1.05E-01	1.69E-01	notSig	0.27	(-0.29-0.83)	3.45E-01	4.03E-01
Hex2Cer(d18:2/16:0)	-0.40	(-1.18-0.39)	3.22E-01	4.14E-01	GUSTO only	-0.58	(-1.03--0.13)	1.10E-02	1.70E-02	0.11	(-0.58-0.79)	7.57E-01	8.19E-01	notSig	-0.14	(-0.66-0.38)	5.94E-01	6.52E-01
Hex3Cer(d18:1/16:0)	-0.40	(-0.95-0.16)	1.58E-01	2.31E-01	GUSTO only	-0.81	(-1.14--0.47)	2.22E-06	6.97E-06	0.01	(-0.48-0.49)	9.79E-01	9.79E-01	notSig	-0.19	(-0.56-0.19)	3.31E-01	3.90E-01
Hex3Cer(d18:1/22:0)	-1.08	(-1.75--0.4)	1.90E-03	5.59E-03	GUSTO and BIS	-1.33	(-1.78--0.88)	6.73E-09	3.32E-08	0.01	(-0.65-0.67)	9.71E-01	9.73E-01	notSig	0.05	(-0.5-0.6)	8.47E-01	8.83E-01
Hex3Cer(d18:1/24:0)	-1.93	(-2.71--1.15)	1.79E-06	1.49E-05	GUSTO and BIS	-1.70	(-2.16--1.23)	7.77E-13	7.07E-12	-0.22	(-0.88-0.44)	5.11E-01	6.06E-01	notSig	-0.32	(-0.82-0.19)	2.19E-01	2.73E-01
Hex3Cer(d18:1/24:1)	-0.24	(-0.86-0.38)	4.48E-01	5.34E-01	GUSTO only	-0.74	(-1.15--0.33)	4.43E-04	8.90E-04	0.24	(-0.35-0.84)	4.19E-01	5.20E-01	notSig	-0.05	(-0.52-0.42)	8.32E-01	8.71E-01
SM(d17:1/14:0)	-1.42	(-2.13--0.7)	1.29E-04	5.48E-04	GUSTO and BIS	-1.70	(-2.15--1.25)	9.43E-14	9.72E-13	-0.42	(-1.05-0.22)	1.98E-01	2.88E-01	GUSTO only	-0.75	(-1.15--0.35)	2.76E-04	6.11E-04
SM(d18:0/14:0)	-1.55	(-2.31--0.78)	8.10E-05	3.72E-04	GUSTO and BIS	-1.11	(-1.54--0.67)	6.32E-07	2.19E-06	0.89	(0.31-1.46)	2.43E-03	6.76E-03	BIS only	0.26	(-0.12-0.65)	1.80E-01	2.30E-01
SM(d18:1/14:0)/SM(d16:1/16:0)	-1.10	(-1.73--0.47)	6.97E-04	2.36E-03	GUSTO and BIS	-1.05	(-1.43--0.67)	5.15E-08	2.26E-07	0.08	(-0.57-0.72)	8.17E-01	8.70E-01	notSig	-0.31	(-0.71-0.09)	1.27E-01	1.72E-01
SM(d18:2/14:0)	-0.28	(-0.89-0.34)	3.76E-01	4.67E-01	notSig	-0.01	(-0.4-0.38)	9.66E-01	9.72E-01	0.75	(0.16-1.34)	1.23E-02	2.76E-02	BIS only	0.39	(-0.01-0.79)	5.77E-02	8.32E-02
SM(d17:1/16:0)	-0.17	(-0.81-0.47)	5.97E-01	6.69E-01	GUSTO only	-0.99	(-1.37--0.62)	1.39E-07	5.86E-07	-0.43	(-1.11-0.25)	2.17E-01	3.13E-01	GUSTO only	-0.79	(-1.19--0.38)	1.33E-04	3.06E-04
SM(d18:1/16:0)	-0.07	(-0.49-0.35)	7.40E-01	8.01E-01	GUSTO only	-0.60	(-0.93--0.26)	4.33E-04	8.74E-04	0.33	(-0.35-1.01)	3.45E-01	4.51E-01	notSig	-0.05	(-0.5-0.4)	8.28E-01	8.69E-01
SM(d18:2/16:0)	0.87	(0.23-1.52)	7.72E-03	1.82E-02	BIS only	0.30	(-0.04-0.64)	8.61E-02	1.13E-01	0.84	(0.21-1.47)	9.23E-03	2.21E-02	BIS only	0.38	(-0.02-0.78)	6.45E-02	9.18E-02
SM(34:3)	0.77	(0.21-1.33)	7.00E-03	1.67E-02	BIS only	0.44	(0.08-0.8)	1.79E-02	2.64E-02	0.62	(0.04-1.2)	3.50E-02	6.90E-02	notSig	0.37	(-0.03-0.78)	7.18E-02	1.01E-01
SM(d18:2/17:0)	1.10	(0.37-1.83)	2.94E-03	8.08E-03	BIS only	0.06	(-0.33-0.45)	7.71E-01	8.08E-01	-0.28	(-1-0.44)	4.40E-01	5.40E-01	GUSTO only	-0.70	(-1.12--0.28)	1.01E-03	2.05E-03
SM(35:2) (b)	-0.08	(-0.77-0.61)	8.19E-01	8.62E-01	GUSTO only	-0.92	(-1.37--0.47)	5.41E-05	1.31E-04	0.45	(-0.67-1.57)	4.34E-01	5.34E-01	notSig	-0.33	(-0.95-0.29)	2.97E-01	3.57E-01
SM(d18:1/18:0)/SM(d16:1/20:0)	1.36	(0.58-2.14)	6.33E-04	2.21E-03	BIS only	0.58	(0.15-1)	7.96E-03	1.27E-02	0.86	(0.16-1.57)	1.66E-02	3.61E-02	BIS only	0.33	(-0.13-0.78)	1.56E-01	2.03E-01
SM(d18:2/18:1)	1.51	(0.81-2.22)	2.36E-05	1.33E-04	BIS only	0.73	(0.33-1.12)	2.99E-04	6.28E-04	0.51	(-0.23-1.24)	1.77E-01	2.65E-01	notSig	0.20	(-0.27-0.66)	4.07E-01	4.65E-01
SM(37:1)	0.72	(0.06-1.39)	3.23E-02	6.17E-02	GUSTO only	-0.16	(-0.58-0.26)	4.63E-01	5.19E-01	-0.24	(-0.98-0.51)	5.31E-01	6.18E-01	GUSTO only	-0.57	(-1.06--0.08)	2.27E-02	3.69E-02
SM(37:2)	1.13	(0.41-1.86)	2.12E-03	6.10E-03	GUSTO and BIS	-0.25	(-0.71-0.22)	2.99E-01	3.49E-01	-0.03	(-0.78-0.72)	9.37E-01	9.51E-01	GUSTO only	-0.46	(-0.94-0.01)	5.63E-02	8.17E-02
SM(d18:1/20:0)/SM(d16:1/22:0)	-0.52	(-1.21-0.19)	1.49E-01	2.20E-01	GUSTO only	-0.69	(-1.05--0.33)	1.72E-04	3.87E-04	0.95	(0.29-1.6)	4.51E-03	1.18E-02	BIS only	0.56	(0.14-0.98)	9.74E-03	1.67E-02
SM(d18:2/20:0)	0.62	(0.02-1.23)	4.38E-02	7.91E-02	notSig	0.04	(-0.35-0.43)	8.44E-01	8.70E-01	1.12	(0.5-1.74)	3.98E-04	1.35E-03	BIS only	0.80	(0.32-1.28)	1.13E-03	2.26E-03
SM(38:3) (a)	0.95	(0.22-1.68)	1.03E-02	2.35E-02	BIS only	0.63	(0.23-1.04)	2.25E-03	4.00E-03	0.02	(-0.59-0.63)	9.52E-01	9.60E-01	notSig	-0.27	(-0.69-0.14)	1.91E-01	2.44E-01
SM(38:3) (b)	0.82	(0.14-1.51)	1.79E-02	3.72E-02	GUSTO and BIS	-0.14	(-0.57-0.29)	5.33E-01	5.95E-01	0.49	(-0.19-1.16)	1.57E-01	2.39E-01	notSig	0.23	(-0.27-0.73)	3.61E-01	4.17E-01
SM(d16:1/23:0)/SM(d17:1/22:0)	-0.81	(-1.51--0.11)	2.40E-02	4.72E-02	GUSTO and BIS	-1.00	(-1.39--0.61)	4.10E-07	1.50E-06	-0.17	(-0.93-0.59)	6.58E-01	7.31E-01	notSig	-0.30	(-0.74-0.13)	1.70E-01	2.20E-01
SM(d18:1/22:0)/SM(d16:1/24:0)	-0.35	(-0.91-0.21)	2.15E-01	2.98E-01	GUSTO only	-0.50	(-0.85--0.14)	6.67E-03	1.08E-02	0.93	(0.32-1.54)	2.75E-03	7.50E-03	BIS only	0.65	(0.23-1.07)	2.40E-03	4.59E-03
SM(d16:1/24:1)	0.46	(-0																

SM(40:3) (b)	0.28	(-0.35-0.91)	3.88E-01	4.75E-01	GUSTO only	-0.40	(-0.81-0.02)	5.95E-02	8.08E-02	-0.34	(-1.01-0.33)	3.14E-01	4.17E-01	GUSTO only	-0.64	(-1.1--0.18)	6.75E-03	1.20E-02
SM(41:0)	-0.44	(-1.14-0.28)	2.30E-01	3.17E-01	notSig	-0.42	(-0.79--0.06)	2.26E-02	3.26E-02	0.07	(-0.52-0.66)	8.09E-01	8.65E-01	notSig	-0.10	(-0.59-0.4)	6.99E-01	7.46E-01
SM(d17:1/24:1)	1.08	(0.45-1.71)	7.28E-04	2.45E-03	GUSTO and BIS	-0.20	(-0.57-0.17)	2.90E-01	3.40E-01	-0.05	(-0.72-0.61)	8.76E-01	9.06E-01	notSig	-0.30	(-0.73-0.13)	1.66E-01	2.16E-01
SM(d18:2/23:0)	-0.44	(-1.06-0.18)	1.65E-01	2.40E-01	GUSTO only	-0.77	(-1.13--0.42)	1.63E-05	4.54E-05	0.12	(-0.67-0.9)	7.74E-01	8.31E-01	notSig	0.04	(-0.48-0.56)	8.69E-01	8.96E-01
SM(d18:1/24:0)	-0.89	(-1.51--0.26)	5.55E-03	1.38E-02	GUSTO and BIS	-1.26	(-1.63--0.9)	1.68E-11	1.28E-10	0.41	(-0.15-0.98)	1.51E-01	2.31E-01	notSig	0.09	(-0.31-0.5)	6.52E-01	7.01E-01
SM(d18:1/24:1)	1.63	(0.99-2.28)	7.44E-07	6.77E-06	BIS only	0.34	(-0.08-0.75)	1.10E-01	1.40E-01	1.08	(0.42-1.74)	1.41E-03	4.28E-03	BIS only	0.61	(0.16-1.05)	7.53E-03	1.32E-02
SM(d18:2/24:0)	-0.90	(-1.47--0.32)	2.29E-03	6.51E-03	GUSTO and BIS	-1.28	(-1.61--0.95)	6.62E-14	7.15E-13	0.33	(-0.26-0.91)	2.72E-01	3.72E-01	notSig	0.10	(-0.31-0.51)	6.21E-01	6.75E-01
SM(43:1)	-0.30	(-0.92-0.33)	3.52E-01	4.40E-01	GUSTO only	-1.13	(-1.51--0.75)	4.63E-09	2.33E-08	-0.82	(-1.44--0.2)	9.72E-03	2.30E-02	GUSTO and BIS	-0.91	(-1.39--0.43)	1.78E-04	4.01E-04
SM(44:1)	-0.70	(-1.29--0.11)	2.04E-02	4.08E-02	GUSTO and BIS	-1.29	(-1.63--0.95)	1.41E-13	1.39E-12	-0.28	(-0.86-0.29)	3.34E-01	4.37E-01	notSig	-0.40	(-0.78--0.01)	4.33E-02	6.53E-02
SM(44:2)	1.12	(0.47-1.76)	6.60E-04	2.25E-03	GUSTO and BIS	-0.29	(-0.68-0.1)	1.49E-01	1.86E-01	0.42	(-0.11-0.94)	1.20E-01	1.86E-01	notSig	0.10	(-0.27-0.47)	6.00E-01	6.55E-01
LPC(14:0) [sn2]	-2.10	(-3.31--0.87)	8.49E-04	2.79E-03	BIS only	-1.12	(-1.78--0.47)	7.98E-04	1.51E-03	1.68	(0.89-2.47)	3.30E-05	1.46E-04	GUSTO and BIS	1.73	(1.3-2.15)	1.87E-15	9.76E-15
LPC(14:0) [sn1]	-1.99	(-3.28--0.68)	3.01E-03	8.16E-03	BIS only	-0.81	(-1.46--0.16)	1.44E-02	2.17E-02	1.55	(0.71-2.39)	2.92E-04	1.04E-03	GUSTO and BIS	1.60	(1.18-2.02)	8.50E-14	4.07E-13
LPC(15:0) [sn2]	-0.51	(-1.43-0.42)	2.83E-01	3.74E-01	GUSTO only	-1.19	(-1.71--0.68)	5.38E-06	1.57E-05	0.55	(-0.08-1.19)	8.88E-02	1.46E-01	GUSTO only	0.81	(0.37-1.25)	2.70E-04	5.99E-04
LPC(15:0) [sn1]	-0.33	(-1.25-0.6)	4.82E-01	5.65E-01	GUSTO only	-1.03	(-1.5--0.55)	2.44E-05	6.69E-05	0.56	(-0.05-1.17)	7.21E-02	1.25E-01	GUSTO only	0.67	(0.27-1.08)	1.11E-03	2.24E-03
LPC(16:0) [sn2]	0.65	(-0.51-1.83)	2.72E-01	3.62E-01	notSig	0.07	(-0.35-0.49)	7.40E-01	7.82E-01	1.29	(0.69-1.9)	3.05E-05	1.36E-04	GUSTO and BIS	1.56	(1.18-1.93)	4.22E-16	2.30E-15
LPC(16:0) [sn1]	0.53	(-0.46-1.54)	2.93E-01	3.85E-01	notSig	0.32	(-0.15-0.79)	1.77E-01	2.18E-01	1.48	(0.9-2.07)	6.48E-07	4.18E-06	GUSTO and BIS	1.71	(1.3-2.13)	3.21E-16	1.80E-15
LPC(16:1) [sn2]	0.61	(-0.5-1.73)	2.85E-01	3.76E-01	notSig	0.30	(-0.3-0.91)	3.28E-01	3.76E-01	2.89	(1.95-3.83)	2.73E-09	2.53E-08	GUSTO and BIS	3.57	(2.98-4.16)	1.72E-32	2.16E-31
LPC(16:1) [sn1]	0.73	(-0.29-1.76)	1.59E-01	2.32E-01	notSig	0.45	(-0.09-0.98)	1.03E-01	1.34E-01	2.96	(2.03-3.89)	7.73E-10	7.77E-09	GUSTO and BIS	3.55	(2.98-4.11)	5.45E-35	8.44E-34
LPC(15-MHDA) [sn2]	0.45	(-0.61-1.51)	4.06E-01	4.92E-01	GUSTO only	-0.74	(-1.35--0.13)	1.72E-02	2.55E-02	-0.05	(-0.69-0.59)	8.75E-01	9.06E-01	notSig	0.25	(-0.28-0.78)	3.50E-01	4.08E-01
LPC(15-MHDA) [sn1] / LPC(17:0) [sn2]	0.45	(-0.55-1.46)	3.78E-01	4.68E-01	GUSTO only	-0.75	(-1.29--0.21)	6.36E-03	1.04E-02	-0.22	(-0.8-0.37)	4.69E-01	5.67E-01	notSig	0.09	(-0.36-0.54)	6.96E-01	7.44E-01
LPC(17:0) [sn1]	0.29	(-0.69-1.29)	5.63E-01	6.43E-01	GUSTO only	-0.65	(-1.1--0.21)	4.11E-03	7.01E-03	-0.29	(-0.84-0.26)	2.96E-01	3.98E-01	notSig	-0.03	(-0.4-0.33)	8.60E-01	8.91E-01
LPC(17:1) [sn1] (a) / LPC(17:1) [sn2] (b)	0.15	(-0.79-1.09)	7.59E-01	8.13E-01	GUSTO only	-0.65	(-1.14--0.16)	8.94E-03	1.41E-02	1.44	(0.79-2.09)	1.69E-05	7.90E-05	GUSTO and BIS	1.58	(1.12-2.04)	1.91E-11	7.44E-11
LPC(18:0) [sn2]	-0.33	(-1.33-0.68)	5.17E-01	5.94E-01	notSig	-0.10	(-0.53-0.32)	6.37E-01	6.89E-01	0.89	(0.35-1.44)	1.42E-03	4.29E-03	GUSTO and BIS	0.95	(0.59-1.3)	1.84E-07	5.35E-07
LPC(18:0) [sn1]	-0.35	(-1.32-0.63)	4.84E-01	5.66E-01	notSig	-0.09	(-0.52-0.33)	6.69E-01	7.16E-01	0.85	(0.33-1.38)	1.46E-03	4.34E-03	GUSTO and BIS	0.93	(0.57-1.28)	2.85E-07	8.18E-07
LPC(18:1) [sn2]	-0.39	(-1.26-0.5)	3.91E-01	4.77E-01	GUSTO only	-0.54	(-0.99--0.09)	1.89E-02	2.75E-02	2.84	(2.25-3.44)	1.23E-19	7.13E-18	GUSTO and BIS	3.16	(2.7-3.62)	1.57E-41	3.82E-40
LPC(18:1) [sn1]	-0.58	(-1.49-0.33)	2.12E-01	2.94E-01	notSig	-0.52	(-0.93--0.1)	1.41E-02	2.14E-02	2.62	(2.09-3.14)	3.10E-21	3.59E-19	GUSTO and BIS	2.92	(2.52-3.33)	2.29E-45	8.85E-44
LPC(18:2) [sn2]	-1.39	(-2.25--0.52)	1.86E-03	5.49E-03	GUSTO and BIS	-0.82	(-1.25--0.4)	1.53E-04	3.47E-04	1.91	(1.24-2.58)	3.10E-08	2.48E-07	GUSTO and BIS	2.38	(1.88-2.87)	4.09E-21	2.88E-20
LPC(18:2) [sn1]	-2.03	(-3.05--1.01)	1.15E-04	5.02E-04	BIS only	-0.77	(-1.26--0.29)	1.68E-03	3.01E-03	2.34	(1.63-3.05)	1.96E-10	2.46E-09	GUSTO and BIS	2.63	(2.11-3.14)	1.05E-23	8.71E-23
LPC(18:3) [sn2] (a)	-2.89	(-3.97--1.8)	3.23E-07	3.56E-06	GUSTO and BIS	-1.93	(-2.52--1.35)	8.77E-11	5.81E-10	1.44	(0.78-2.1)	1.95E-05	8.96E-05	GUSTO and BIS	1.86	(1.39-2.33)	1.30E-14	6.55E-14
LPC(18:3) [sn1] (a)/LPC(18:3) [sn2] (b)	-3.07	(-4.21--1.91)	3.18E-07	3.56E-06	GUSTO and BIS	-1.54	(-2.15--0.94)	6.54E-07	2.25E-06	2.68	(1.97-3.39)	2.83E-13	4.86E-12	GUSTO and BIS	3.30	(2.73-3.87)	4.86E-30	5.64E-29
LPC(18:3) (a) [sn1] [104_sn1]	-3.24	(-4.4--2.07)	1.01E-07	1.31E-06	GUSTO and BIS	-1.61	(-2.24--0.98)	4.79E-07	1.74E-06	2.20	(1.47-2.94)	5.05E-09	4.51E-08	GUSTO and BIS	2.94	(2.37-3.51)	4.30E-24	3.63E-23
LPC(19:0) [sn1] (a) / LPC(19:0) [sn2] (b)	-0.92	(-1.88-0.05)	6.18E-02	1.08E-01	GUSTO only	-1.44	(-1.86--1.02)	2.14E-11	1.58E-10	-0.48	(-1.35-0.39)	2.78E-01	3.80E-01	notSig	-0.33	(-0.84-0.19)	2.15E-01	2.69E-01
LPC(20:0) [sn1]	-1.33	(-2.16--0.49)	1.99E-03	5.76E-03	GUSTO and BIS	-1.53	(-1.92--1.13)	3.37E-14	3.72E-13	0.46	(-0.04-0.95)	7.18E-02	1.25E-01	notSig	0.36	(0.04-0.69)	2.75E-02	4.39E-02
LPC(20:1) [sn2]	-0.35	(-1.31-0.61)	4.75E-01	5.57E-01	GUSTO only	-0.56	(-0.97--0.14)	8.81E-03	1.40E-02	1.81	(1.3-2.32)	9.50E-12	1.42E-10	GUSTO and BIS	1.63	(1.26-2)	3.73E-18	2.19E-17
LPC(20:1) [sn1]	-0.33	(-1.29-0.64)	5.00E-01	5.78E-01	GUSTO only	-0.56	(-0.98--0.15)	8.30E-03	1.32E-02	1.58	(1.09-2.08)	5.70E-10	5.87E-09	GUSTO and BIS	1.67	(1.32-2.02)	8.39E-21	5.73E-20
LPC(20:2) [sn2]	-1.74	(-2.63--0.84)	1.77E-04	7.21E-04	GUSTO and BIS	-1.11	(-1.55--0.67)	8.29E-07	2.77E-06	2.44	(1.88-2.99)	5.34E-17	1.77E-15	GUSTO and BIS	2.89	(2.44-3.35)	1.77E-35	2.94E-34
LPC(20:2) [sn1]	-1.58	(-2.61--0.53)	3.24E-03	8.75E-03	GUSTO and BIS	-0.80	(-1.23--0.36)	3.01E-04	6.28E-04	2.42	(1.89-2.96)	8.39E-18	3.54E-16	GUSTO and BIS	2.77	(2.34-3.2)	7.23E-37	1.46E-35
LPC(20:3) [sn2]	-0.47	(-1.38-0.45)	3.11E-01	4.03E-01	GUSTO only	0.54	(0.01-1.07)	4.59E-02	6.33E-02	2.08	(1.43-2.72)	4.52E-10	4.77E-09	GUSTO and BIS	2.31	(1.84-2.78)	1.04E-21	7.53E-21
LPC(20:3) [sn1]	-0.76	(-1.88-0.37)	1.87E-01	2.68E-01	GUSTO only	0.72	(0.13-1.31)	1.68E-02	2.50E-02	2.31	(1.62-3)	1.12E-10	1.44E-09	GUSTO and BIS	2.74	(2.23-3.26)	8.02E-26	7.59E-25
LPC(20:4) [sn2]	1.07	(0.19-1.95)	1.72E-02	3.61E-02	GUSTO and BIS	0.91	(0.46-1.36)	8.01E-05	1.90E-04	1.48	(0.77-2.19)	4.40E-05	1.84E-04	GUSTO and BIS	1.97	(1.49-2.45)	7.76E-16	4.09E-15
LPC(20:4) [sn1]	1.02	(-0.05-2.11)	6.15E-02	1.08E-01	GUSTO only	1.29	(0.78-1.79)	6.11E-07	2.13E-06	1.68	(0.89-2.48)	3.65E-05	1.55E-04	GUSTO and BIS	2.24	(1.71-2.76)	5.90E-17	3.34E-16
LPC(20:5) [sn2]	-0.56	(-1.89-0.78)	4.12E-01	4.96E-01	notSig	-0.25	(-1.09-0.6)	5.65E-01	6.24E-01	0.81	(-0.06-1.68)	6.85E-02	1.20E-01	notSig	0.68	(-0.01-1.37)	5.49E-02	7.99E-02
LPC(20:5) [sn1]	-0.74	(-2.22-0.76)	3.33E-01	4.21E-01	notSig	-0.12	(-1.01-0.78)	8.01E-01	8.31E-01	1.19	(0.3-2.09)	8.96E-03	2.16E-02	BIS only	0.98	(0.27-1.68)	6.65E-03	1.19E-02
LPC(22:4) [sn2]	-1.14	(-2.14--0.13)	2.65E-02	5.17E-02	notSig	-0.66	(-1.19--0.12)	1.61E-02	2.41E-02	1.74	(1.19-2.3)	1.31E-09	1.25E-08	GUSTO and BIS	2.03	(1.59-2.47)	1.55E-19	9.70E-19
LPC(22:4) [sn1]	-1.20	(-2.44-0.06)	6.15E-02	1.08E-01	notSig	-0.22	(-0.77-0.34)	4.42E-01	5.03E-01	1.82	(1.21-2.43)	7.00E-09	6.01E-08	GUSTO and BIS	2.22	(1.76-2.67)	8.20E-22	6.04E-21
LPC(22:5) [sn2] (n3)	-1.45	(-2.43--0.45)	4.51E-03	1.18E-02	GUSTO and BIS	-1.11	(-1.64--0.58)	3.57E-05	8.91E-05	0.85	(0.22-1.49)	8.51E-03	2.06E-02	GUSTO and BIS	1.16	(0.65-1.67)	9.48E-06	2.40E-05
LPC(22:5) [sn1] (n3)/LPC(22:5) [sn2] (n6)	-1.50	(-2.61--0.38)	8.68E-03	2.00E-02	GUSTO and BIS	-0.98	(-1.5--0.47)	1.77E-04	3.96E-04	1.76	(1.17-2.35)	6.68E-09	5.84E-08	GUSTO and BIS	1.90	(1.45-2.36)	4.33E-16	2.34E-15
LPC(22:5) [sn1] (n6)	-1.52	(-2.78--0.24)	2.03E-02	4.08E-02	BIS only	-0.80	(-1.46--0.14)	1.81E-02	2.65E-02	3.06	(2.26-3.87)	2.41E-13	4.31E-12	GUSTO and BIS	3.50	(2.83-4.17)	1.21E-24	1.08E-23
LPC(22:5) (n3) [sn1] [104_sn1]	-1.52	(-2.73--0.29)	1.54E-02	3.28E-02 </														

LPC(O-18:0)	-1.41	(-2.38--0.42)	5.26E-03	1.33E-02	GUSTO and BIS	-1.13	(-1.61--0.66)	3.08E-06	9.53E-06	0.93	(0.4-1.46)	6.44E-04	2.08E-03	BIS only	0.63	(0.24-1.02)	1.54E-03	3.02E-03
LPC(O-18:1)	0.37	(-0.67-1.41)	4.87E-01	5.68E-01	GUSTO only	0.49	(0.08-0.91)	1.91E-02	2.76E-02	1.64	(1.13-2.15)	4.02E-10	4.44E-09	GUSTO and BIS	1.73	(1.36-2.1)	2.94E-20	1.98E-19
LPC(O-20:0)	-2.20	(-3.04--1.36)	4.96E-07	5.01E-06	GUSTO and BIS	-1.84	(-2.27--1.4)	1.96E-16	3.63E-15	0.94	(0.46-1.42)	1.27E-04	4.82E-04	BIS only	0.73	(0.31-1.14)	6.82E-04	1.43E-03
LPC(O-20:1)	-0.83	(-1.85-0.21)	1.16E-01	1.79E-01	notSig	-0.13	(-0.79-0.53)	6.96E-01	7.43E-01	1.51	(1-2.02)	8.84E-09	7.46E-08	GUSTO and BIS	1.74	(1.28-2.19)	1.00E-13	4.74E-13
LPC(O-22:0)	-2.49	(-3.23--1.75)	1.17E-10	5.76E-09	GUSTO and BIS	-2.43	(-2.83--2.02)	1.03E-31	2.39E-29	0.42	(0-0.85)	5.17E-02	9.67E-02	notSig	0.34	(0.01-0.66)	4.09E-02	6.23E-02
LPC(O-22:1)	-1.58	(-2.47--0.68)	6.18E-04	2.19E-03	GUSTO and BIS	-1.61	(-2.06--1.16)	2.91E-12	2.50E-11	1.50	(1.01-1.99)	2.80E-09	2.55E-08	GUSTO and BIS	1.41	(1.04-1.79)	1.82E-13	8.37E-13
LPC(O-24:0)	-3.03	(-3.89--2.17)	1.85E-11	1.87E-09	GUSTO and BIS	-3.04	(-3.52--2.55)	3.77E-35	1.75E-32	0.04	(-0.5-0.57)	8.87E-01	9.11E-01	notSig	-0.23	(-0.6-0.15)	2.33E-01	2.87E-01
LPC(O-24:1)	-1.89	(-2.69--1.08)	6.47E-06	4.55E-05	GUSTO and BIS	-2.25	(-2.71--1.8)	3.96E-22	2.04E-20	1.07	(0.61-1.54)	7.35E-06	3.79E-05	BIS only	0.81	(0.46-1.16)	5.66E-06	1.47E-05
LPC(O-24:2)	-2.24	(-3.13--1.33)	1.70E-06	1.43E-05	GUSTO and BIS	-2.03	(-2.53--1.53)	9.99E-16	1.55E-14	0.15	(-0.33-0.62)	5.47E-01	6.32E-01	notSig	0.17	(-0.19-0.53)	3.51E-01	4.08E-01
LPC(P-16:0)	-0.11	(-1.16-0.96)	8.40E-01	8.75E-01	notSig	0.34	(-0.1-0.77)	1.28E-01	1.62E-01	0.86	(0.38-1.34)	4.97E-04	1.65E-03	GUSTO and BIS	0.99	(0.64-1.33)	1.78E-08	5.55E-08
LPC(P-18:0)	-0.84	(-1.88-0.22)	1.20E-01	1.83E-01	notSig	0.22	(-0.2-0.63)	3.14E-01	3.62E-01	0.72	(0.2-1.24)	6.31E-03	1.57E-02	GUSTO and BIS	1.23	(0.86-1.6)	5.74E-11	2.11E-10
LPC(P-18:1)	0.22	(-0.87-1.33)	6.94E-01	7.59E-01	GUSTO only	0.79	(0.27-1.31)	3.03E-03	5.26E-03	1.12	(0.59-1.64)	3.33E-05	1.46E-04	GUSTO and BIS	1.17	(0.75-1.58)	3.54E-08	1.08E-07
LPC(P-20:0)	-1.26	(-1.97--0.56)	5.13E-04	1.91E-03	GUSTO and BIS	-0.94	(-1.39--0.5)	3.48E-05	8.84E-05	0.62	(0.18-1.06)	6.04E-03	1.53E-02	GUSTO and BIS	1.03	(0.66-1.4)	4.35E-08	1.31E-07
LPE(16:0) [sn2]	0.33	(-0.67-1.35)	5.16E-01	5.94E-01	GUSTO only	-0.40	(-0.85-0.05)	8.42E-02	1.11E-01	1.64	(1.17-2.12)	2.77E-11	3.67E-10	GUSTO and BIS	1.85	(1.46-2.23)	8.01E-21	5.55E-20
LPE(16:0) [sn1]	0.24	(-0.73-1.23)	6.26E-01	6.98E-01	notSig	-0.33	(-0.77-0.1)	1.35E-01	1.70E-01	1.61	(1.15-2.07)	1.20E-11	1.69E-10	GUSTO and BIS	1.83	(1.46-2.2)	2.07E-22	1.57E-21
LPE(18:0) [sn2]	0.52	(-0.52-1.56)	3.27E-01	4.19E-01	notSig	0.24	(-0.2-0.67)	2.87E-01	3.38E-01	1.26	(0.78-1.74)	2.72E-07	1.94E-06	GUSTO and BIS	1.32	(0.96-1.68)	5.11E-13	2.30E-12
LPE(18:0) [sn1]	0.74	(-0.28-1.76)	1.55E-01	2.27E-01	notSig	0.46	(0.04-0.87)	2.99E-02	4.24E-02	1.21	(0.72-1.69)	1.18E-06	7.21E-06	GUSTO and BIS	1.36	(1-1.72)	1.32E-13	6.11E-13
LPE(18:1) [sn2]	-1.14	(-2.04--0.24)	1.36E-02	2.98E-02	GUSTO and BIS	-0.88	(-1.35--0.41)	2.22E-04	4.84E-04	2.73	(2.2-3.25)	5.46E-23	1.19E-20	GUSTO and BIS	2.66	(2.24-3.07)	4.00E-36	7.14E-35
LPE(18:1) [sn1]	-1.23	(-2.15--0.3)	9.49E-03	2.17E-02	GUSTO and BIS	-0.87	(-1.33--0.4)	2.63E-04	5.57E-04	2.60	(2.07-3.13)	1.36E-20	1.27E-18	GUSTO and BIS	2.72	(2.3-3.15)	1.57E-36	2.91E-35
LPE(18:2) [sn2]	-2.31	(-3.32--1.3)	1.04E-05	6.59E-05	GUSTO and BIS	-1.35	(-1.9--0.79)	1.93E-06	6.11E-06	3.21	(2.46-3.97)	3.01E-16	8.74E-15	GUSTO and BIS	3.37	(2.78-3.97)	1.44E-28	1.55E-27
LPE(18:2) [sn1]	-2.50	(-3.58--1.41)	9.53E-06	6.23E-05	GUSTO and BIS	-1.39	(-1.96--0.82)	1.94E-06	6.11E-06	3.28	(2.49-4.06)	9.07E-16	2.34E-14	GUSTO and BIS	3.47	(2.87-4.07)	3.74E-30	4.45E-29
LPE(20:4) [sn1]	0.57	(-0.4-1.55)	2.47E-01	3.35E-01	notSig	0.57	(0.1-1.04)	1.80E-02	2.65E-02	2.92	(2.13-3.71)	8.91E-13	1.42E-11	GUSTO and BIS	3.04	(2.49-3.59)	2.81E-27	2.90E-26
LPE(22:6) [sn2]	1.32	(0.22-2.44)	1.86E-02	3.84E-02	BIS only	0.00	(-0.52-0.52)	9.92E-01	9.94E-01	1.76	(0.86-2.66)	1.31E-04	4.94E-04	GUSTO and BIS	1.97	(1.4-2.54)	1.14E-11	4.55E-11
LPE(22:6) [sn1]	0.85	(-0.22-1.93)	1.21E-01	1.83E-01	notSig	-0.02	(-0.57-0.52)	9.31E-01	9.44E-01	1.91	(1.07-2.75)	8.81E-06	4.35E-05	GUSTO and BIS	2.16	(1.6-2.71)	2.23E-14	1.10E-13
PC(28:0)	-4.68	(-6.07--3.26)	3.29E-10	1.22E-08	GUSTO and BIS	-3.45	(-4.31--2.59)	3.66E-15	5.14E-14	0.39	(-0.36-1.14)	3.06E-01	4.09E-01	notSig	-0.02	(-0.49-0.46)	9.45E-01	9.49E-01
PC(14:0_16:0)	-2.51	(-3.49--1.53)	8.07E-07	7.20E-06	GUSTO and BIS	-2.30	(-2.87--1.72)	5.36E-15	7.31E-14	0.19	(-0.59-0.98)	6.28E-01	7.10E-01	notSig	-0.03	(-0.54-0.49)	9.24E-01	9.36E-01
PC(31:0) (a)	-2.80	(-3.99--1.6)	6.84E-06	4.67E-05	GUSTO and BIS	-3.07	(-3.86--2.27)	3.15E-14	3.57E-13	-0.64	(-1.49-0.2)	1.35E-01	2.09E-01	notSig	-0.60	(-1.21-0.02)	5.72E-02	8.27E-02
PC(31:0) (b)	-1.34	(-2.09--0.59)	5.43E-04	1.97E-03	GUSTO and BIS	-1.89	(-2.37--1.41)	6.56E-15	8.63E-14	-0.67	(-1.4-0.06)	7.16E-02	1.25E-01	notSig	-0.80	(-1.37--0.24)	5.49E-03	1.01E-02
PC(16:0_16:0)	-0.40	(-1.07-0.28)	2.51E-01	3.37E-01	GUSTO only	-0.58	(-0.98--0.18)	4.92E-03	8.24E-03	-0.14	(-0.9-0.62)	7.13E-01	7.84E-01	notSig	-0.39	(-0.88-0.1)	1.18E-01	1.60E-01
PC(32:1)	-0.42	(-1.51-0.68)	4.52E-01	5.34E-01	notSig	-0.71	(-1.37--0.04)	3.65E-02	5.10E-02	1.46	(0.74-2.19)	7.35E-05	2.89E-04	GUSTO and BIS	1.25	(0.7-1.8)	9.54E-06	2.41E-05
PC(32:2)	-2.17	(-3.15--1.17)	2.37E-05	1.33E-04	GUSTO and BIS	-1.77	(-2.33--1.22)	4.02E-10	2.39E-09	0.62	(-0.29-1.54)	1.82E-01	2.71E-01	notSig	0.27	(-0.27-0.82)	3.24E-01	3.84E-01
PC(33:0) (a)	-0.43	(-1.29-0.43)	3.28E-01	4.19E-01	GUSTO only	-1.47	(-2.04--0.91)	3.59E-07	1.37E-06	-0.80	(-1.6-0.01)	5.16E-02	9.67E-02	notSig	-0.79	(-1.39--0.2)	9.27E-03	1.61E-02
PC(33:0) (b)	-0.60	(-1.25-0.05)	6.96E-02	1.17E-01	GUSTO only	-1.28	(-1.7--0.85)	3.92E-09	2.04E-08	-0.88	(-1.6--0.16)	1.73E-02	3.74E-02	GUSTO and BIS	-1.15	(-1.67--0.63)	1.49E-05	3.72E-05
PC(33:1)	-0.46	(-1.33-0.43)	3.10E-01	4.02E-01	GUSTO only	-1.66	(-2.21--1.11)	3.79E-09	2.00E-08	0.09	(-0.77-0.95)	8.36E-01	8.82E-01	notSig	-0.35	(-0.85-0.16)	1.78E-01	2.28E-01
PC(33:2)	-0.83	(-1.53--0.12)	2.21E-02	4.38E-02	GUSTO and BIS	-1.63	(-2.1--1.16)	9.66E-12	7.73E-11	-0.84	(-1.79-0.1)	8.06E-02	1.35E-01	GUSTO only	-1.13	(-1.65--0.6)	2.78E-05	6.79E-05
PC(16:0_18:0)	-1.04	(-1.6--0.48)	3.21E-04	1.22E-03	GUSTO and BIS	-1.01	(-1.34--0.67)	3.98E-09	2.05E-08	0.07	(-0.52-0.66)	8.24E-01	8.75E-01	notSig	-0.10	(-0.51-0.31)	6.35E-01	6.86E-01
PC(16:0_18:1)	0.19	(-0.19-0.57)	3.31E-01	4.21E-01	GUSTO only	-0.22	(-0.54-0.09)	1.65E-01	2.05E-01	0.90	(0.36-1.44)	1.07E-03	3.29E-03	BIS only	0.60	(0.17-1.03)	6.00E-03	1.08E-02
PC(16:0_18:2)	-0.04	(-0.34-0.25)	7.70E-01	8.21E-01	GUSTO only	-0.19	(-0.4-0.02)	8.34E-02	1.10E-01	0.20	(-0.4-0.8)	5.12E-01	6.06E-01	notSig	-0.07	(-0.56-0.42)	7.88E-01	8.30E-01
PC(16:1_18:2)	-0.45	(-1.31-0.41)	2.99E-01	3.90E-01	GUSTO only	-0.72	(-1.23--0.21)	5.46E-03	9.06E-03	0.21	(-0.68-1.1)	6.43E-01	7.22E-01	notSig	-0.42	(-0.94-0.1)	1.12E-01	1.53E-01
PC(16:0_18:3) (a)	-1.99	(-2.94--1.04)	5.17E-05	2.50E-04	GUSTO and BIS	-1.85	(-2.39--1.31)	1.69E-11	1.28E-10	-0.34	(-1.4-0.72)	5.30E-01	6.18E-01	notSig	-0.09	(-0.74-0.56)	7.81E-01	8.25E-01
PC(14:0_20:4)	-1.32	(-2.33--0.29)	1.21E-02	2.69E-02	BIS only	-0.94	(-1.56--0.32)	2.75E-03	4.84E-03	0.74	(-0.04-1.53)	6.46E-02	1.15E-01	notSig	0.18	(-0.3-0.66)	4.51E-01	5.05E-01
PC(34:5)	-2.45	(-3.87--1.01)	9.36E-04	3.00E-03	BIS only	-1.70	(-2.61--0.79)	2.50E-04	5.34E-04	-0.53	(-1.48-0.41)	2.66E-01	3.66E-01	GUSTO only	-0.88	(-1.5--0.26)	5.70E-03	1.03E-02
PC(15-MHDA_18:1)	0.22	(-0.59-1.04)	5.93E-01	6.67E-01	GUSTO only	-1.18	(-1.75--0.62)	4.51E-05	1.11E-04	-0.73	(-1.55-0.1)	8.35E-02	1.39E-01	GUSTO only	-1.01	(-1.57--0.45)	4.28E-04	9.24E-04
PC(17:0_18:1)	0.02	(-0.75-0.8)	9.58E-01	9.66E-01	GUSTO only	-1.38	(-1.8--0.95)	2.17E-10	1.36E-09	-0.48	(-1.2-0.25)	1.96E-01	2.87E-01	GUSTO only	-0.87	(-1.28--0.45)	4.19E-05	1.01E-04
PC(15-MHDA_18:2)	0.01	(-0.9-0.92)	9.86E-01	9.88E-01	GUSTO only	-1.03	(-1.64--0.43)	8.42E-04	1.58E-03	-1.27	(-2.34--0.2)	2.01E-02	4.26E-02	GUSTO and BIS	-1.35	(-1.94--0.76)	6.66E-06	1.71E-05
PC(17:0_18:2)	-0.35	(-1.19-0.49)	4.12E-01	4.96E-01	GUSTO only	-1.20	(-1.65--0.74)	2.56E-07	9.97E-07	-0.94	(-1.91-0.04)	5.99E-02	1.09E-01	GUSTO only	-1.19	(-1.69--0.69)	2.85E-06	7.51E-06
PC(17:1_18:2)	-0.82	(-1.51--0.14)	1.89E-02	3.86E-02	GUSTO and BIS	-1.06	(-1.49--0.64)	8.76E-07	2.88E-06	-0.75	(-1.59-0.08)	7.59E-02	1.31E-01	GUSTO only	-0.73	(-1.2--0.27)	2.08E-03	4.03E-03
PC(15:0_20:3)	-0.99	(-1.64--0.34)	3.00E-03	8.16E-03	GUSTO and BIS	-0.63	(-0.87--0.39)	2.98E-07	1.14E-06	-0.32	(-1.04-0.4)	3.82E-01	4.87E-01	notSig	-0.22	(-0.81-0.37)	4.61E-01	5.14E-01
PC(15:0_20:4)	0.76	(-0.05-1.58)	6.46E-02	1.11E-01	GUSTO only	-0.41	(-0.94-0.12)	1.26E-01	1.59E-01	-0.49	(-1.2-0.22)	1.72E-01	2.59E-01	GUSTO only	-0.99	(-1.44--0.54)		

PC(16:0_20:3) (a)	-0.46	(-1.03-0.11)	1.14E-01	1.76E-01	GUSTO only	-0.83	(-1.24--0.42)	6.66E-05	1.59E-04	0.95	(0.33-1.57)	2.84E-03	7.66E-03	BIS only	0.36	(-0.1-0.83)	1.27E-01	1.71E-01
PC(16:0_20:3) (b)	-1.26	(-2.19--0.32)	8.79E-03	2.02E-02	BIS only	-0.09	(-0.68-0.5)	7.59E-01	7.99E-01	3.62	(2.8-4.44)	2.32E-17	8.96E-16	BIS only	1.59	(1.08-2.1)	8.24E-10	2.85E-09
PC(18:2_18:2)	-2.91	(-3.7--2.11)	3.37E-12	5.22E-10	GUSTO and BIS	-2.72	(-3.25--2.19)	5.05E-24	2.93E-22	0.49	(-0.43-1.4)	2.97E-01	3.99E-01	notSig	0.43	(-0.23-1.09)	2.06E-01	2.59E-01
PC(16:1_20:4)	0.28	(-0.51-1.08)	4.90E-01	5.70E-01	notSig	-0.12	(-0.64-0.39)	6.39E-01	6.89E-01	0.98	(0.35-1.61)	2.30E-03	6.52E-03	BIS only	0.52	(0.07-0.97)	2.38E-02	3.85E-02
PC(16:0_20:5)	0.04	(-1.11-1.2)	9.49E-01	9.64E-01	notSig	-0.10	(-0.94-0.73)	8.07E-01	8.36E-01	-0.81	(-1.71-0.09)	7.88E-02	1.34E-01	GUSTO only	-1.35	(-1.98--0.72)	2.54E-05	6.23E-05
PC(15-MHDA_20:4)	1.05	(0.36-1.74)	2.70E-03	7.53E-03	BIS only	0.30	(-0.22-0.81)	2.60E-01	3.08E-01	-1.15	(-1.81--0.5)	5.34E-04	1.76E-03	GUSTO and BIS	-1.38	(-1.85--0.91)	9.74E-09	3.05E-08
PC(17:0_20:4)	1.30	(0.57-2.04)	5.05E-04	1.89E-03	BIS only	0.38	(-0.1-0.86)	1.25E-01	1.59E-01	-1.35	(-1.9--0.8)	1.68E-06	9.75E-06	GUSTO and BIS	-1.54	(-1.92--1.17)	6.96E-16	3.71E-15
PC(15:0_22:6)	-0.74	(-1.59-0.12)	9.04E-02	1.46E-01	GUSTO only	-1.86	(-2.41--1.3)	6.72E-11	4.65E-10	-1.40	(-2.16--0.63)	3.66E-04	1.26E-03	GUSTO and BIS	-1.71	(-2.17--1.24)	5.20E-13	2.32E-12
PC(38:2)	-1.40	(-1.99--0.81)	4.63E-06	3.52E-05	GUSTO and BIS	-1.23	(-1.59--0.87)	2.15E-11	1.58E-10	1.28	(0.78-1.78)	5.73E-07	3.75E-06	GUSTO and BIS	1.14	(0.75-1.52)	8.45E-09	2.69E-08
PC(18:0_20:3)	-0.59	(-1.34-0.17)	1.26E-01	1.89E-01	GUSTO only	0.39	(-0.12-0.9)	1.37E-01	1.73E-01	0.56	(0.08-1.05)	2.18E-02	4.56E-02	BIS only	0.38	(0.01-0.75)	4.33E-02	6.53E-02
PC(18:1_20:3)	-0.77	(-1.5--0.04)	3.98E-02	7.21E-02	notSig	-0.66	(-1.13--0.19)	5.77E-03	9.49E-03	1.35	(0.71-2)	4.08E-05	1.72E-04	BIS only	0.78	(0.33-1.23)	6.66E-04	1.40E-03
PC(38:4) (b)	-1.31	(-2.05--0.56)	6.54E-04	2.25E-03	GUSTO and BIS	-1.13	(-1.63--0.62)	1.26E-05	3.52E-05	0.55	(0.05-1.06)	3.07E-02	6.14E-02	notSig	0.35	(-0.07-0.77)	1.02E-01	1.40E-01
PC(18:0_20:4)	1.26	(0.63-1.91)	1.01E-04	4.47E-04	GUSTO and BIS	1.12	(0.67-1.57)	1.02E-06	3.25E-06	-0.34	(-0.8-0.12)	1.49E-01	2.28E-01	GUSTO only	-0.61	(-0.98--0.25)	9.84E-04	2.02E-03
PC(38:5) (a)	0.26	(-0.28-0.8)	3.46E-01	4.35E-01	GUSTO only	-0.47	(-0.83--0.1)	1.34E-02	2.04E-02	-0.03	(-0.53-0.47)	9.05E-01	9.27E-01	GUSTO only	-0.58	(-0.94--0.21)	1.76E-03	3.41E-03
PC(38:5) (b)	-0.57	(-1.24-0.1)	9.65E-02	1.53E-01	GUSTO only	-0.88	(-1.37--0.39)	4.74E-04	9.37E-04	0.88	(0.33-1.44)	1.68E-03	4.95E-03	BIS only	0.58	(0.15-1.01)	7.95E-03	1.39E-02
PC(38:6) (a)	-0.86	(-1.53--0.19)	1.19E-02	2.67E-02	GUSTO and BIS	-0.95	(-1.39--0.5)	3.04E-05	7.90E-05	0.44	(-0.31-1.19)	2.48E-01	3.49E-01	notSig	0.23	(-0.3-0.75)	3.93E-01	4.51E-01
PC(16:0_22:6)	0.05	(-0.47-0.59)	8.42E-01	8.75E-01	GUSTO only	-0.38	(-0.79-0.02)	6.43E-02	8.68E-02	-0.50	(-0.95--0.04)	3.14E-02	6.25E-02	GUSTO only	-0.71	(-1.09--0.33)	2.65E-04	5.90E-04
PC(18:2_20:5)	-1.97	(-3.01--0.91)	2.88E-04	1.11E-03	GUSTO and BIS	-1.86	(-2.57--1.14)	3.62E-07	1.37E-06	0.23	(-0.63-1.08)	6.01E-01	6.83E-01	notSig	-0.23	(-0.82-0.36)	4.48E-01	5.03E-01
PC(16:1_22:6)	-0.18	(-0.96-0.61)	6.57E-01	7.22E-01	GUSTO only	-1.01	(-1.52--0.49)	1.26E-04	2.90E-04	-0.19	(-0.8-0.41)	5.28E-01	6.17E-01	GUSTO only	-0.66	(-1.07--0.26)	1.33E-03	2.63E-03
PC(38:7)(c)	0.06	(-0.68-0.81)	8.75E-01	9.01E-01	GUSTO only	-0.95	(-1.41--0.49)	5.83E-05	1.40E-04	-0.34	(-0.94-0.26)	2.62E-01	3.63E-01	GUSTO only	-0.66	(-1.04--0.27)	7.68E-04	1.58E-03
PC(39:5)(a)	-0.60	(-1.43-0.24)	1.62E-01	2.36E-01	GUSTO only	-1.57	(-2.16--0.99)	1.49E-07	6.13E-07	-1.86	(-2.59--1.13)	8.03E-07	5.01E-06	GUSTO and BIS	-1.93	(-2.42--1.43)	2.05E-14	1.02E-13
PC(39:5)(b)	-0.42	(-1.1-0.27)	2.33E-01	3.19E-01	GUSTO only	-1.30	(-1.8--0.8)	3.85E-07	1.42E-06	-1.07	(-1.72--0.43)	1.03E-03	3.18E-03	GUSTO and BIS	-1.52	(-1.97--1.07)	3.30E-11	1.24E-10
PC(15-MHDA_22:6)	0.12	(-0.79-1.04)	7.99E-01	8.45E-01	GUSTO only	-1.36	(-1.97--0.76)	1.06E-05	2.99E-05	-2.37	(-3.11--1.64)	3.98E-10	4.44E-09	GUSTO and BIS	-2.21	(-2.71--1.71)	4.68E-18	2.72E-17
PC(17:0_22:6)	-0.17	(-0.99-0.65)	6.75E-01	7.41E-01	GUSTO only	-1.18	(-1.73--0.63)	2.49E-05	6.69E-05	-1.94	(-2.61--1.27)	1.81E-08	1.50E-07	GUSTO and BIS	-2.12	(-2.55--1.68)	6.87E-22	5.14E-21
PC(18:0_22:5) (n6)	-1.13	(-2.15--0.11)	3.01E-02	5.80E-02	GUSTO only	-1.25	(-1.86--0.65)	4.66E-05	1.14E-04	1.74	(1.01-2.47)	3.76E-06	2.05E-05	BIS only	0.94	(0.31-1.57)	3.28E-03	6.18E-03
PC(18:0_22:6)	-0.20	(-0.92-0.52)	5.77E-01	6.54E-01	notSig	-0.41	(-0.92-0.09)	1.11E-01	1.42E-01	-0.82	(-1.39--0.25)	4.70E-03	1.23E-02	GUSTO and BIS	-1.08	(-1.51--0.64)	1.23E-06	3.32E-06
PC(40:7) (a)	-1.26	(-2.07--0.45)	2.30E-03	6.51E-03	GUSTO and BIS	-1.33	(-1.82--0.83)	1.57E-07	6.30E-07	1.75	(1.08-2.42)	3.58E-07	2.44E-06	BIS only	1.49	(0.94-2.05)	1.16E-07	3.41E-07
PC(18:1_22:6) (a)	-0.62	(-1.26-0.03)	6.33E-02	1.10E-01	GUSTO only	-1.25	(-1.67--0.84)	3.36E-09	1.79E-08	-0.08	(-0.58-0.42)	7.45E-01	8.07E-01	notSig	-0.21	(-0.61-0.2)	3.18E-01	3.77E-01
PC(40:8)	-1.39	(-2.06--0.72)	5.91E-05	2.77E-04	GUSTO and BIS	-1.62	(-2.04--1.2)	2.37E-14	2.82E-13	1.18	(0.54-1.83)	3.61E-04	1.25E-03	GUSTO and BIS	1.01	(0.55-1.47)	1.69E-05	4.19E-05
PC(44:12)	-1.58	(-2.86--0.27)	1.81E-02	3.76E-02	GUSTO and BIS	-2.07	(-2.89--1.25)	6.67E-07	2.26E-06	-0.84	(-1.54--0.14)	1.90E-02	4.07E-02	GUSTO and BIS	-0.92	(-1.44--0.4)	4.94E-04	1.06E-03
PC(O-16:0/16:0)	-1.28	(-1.95--0.61)	2.19E-04	8.67E-04	GUSTO and BIS	-0.93	(-1.29--0.57)	5.07E-07	1.80E-06	0.75	(0.05-1.44)	3.63E-02	7.11E-02	notSig	0.59	(0.11-1.07)	1.58E-02	2.64E-02
PC(O-32:1)	-1.65	(-2.49--0.8)	1.47E-04	6.07E-04	GUSTO and BIS	-1.20	(-1.66--0.74)	3.71E-07	1.39E-06	0.48	(-0.17-1.14)	1.49E-01	2.29E-01	notSig	0.59	(0.09-1.09)	2.01E-02	3.30E-02
PC(O-34:1)	-1.01	(-1.65--0.37)	1.99E-03	5.76E-03	GUSTO and BIS	-0.89	(-1.25--0.54)	9.38E-07	3.06E-06	1.00	(0.26-1.73)	7.80E-03	1.90E-02	BIS only	0.83	(0.33-1.33)	1.13E-03	2.27E-03
PC(O-34:2)	-2.65	(-3.43--1.86)	1.09E-10	5.76E-09	GUSTO and BIS	-2.25	(-2.73--1.77)	3.67E-20	1.22E-18	-0.02	(-0.77-0.73)	9.57E-01	9.63E-01	notSig	-0.04	(-0.57-0.48)	8.71E-01	8.97E-01
PC(O-34:4)	-1.10	(-1.88--0.31)	6.50E-03	1.58E-02	BIS only	-1.01	(-1.62--0.4)	1.19E-03	2.18E-03	0.08	(-0.67-0.84)	8.29E-01	8.78E-01	notSig	0.03	(-0.49-0.55)	9.05E-01	9.25E-01
PC(O-35:4)	-0.77	(-1.6-0.07)	7.30E-02	1.21E-01	notSig	-0.83	(-1.42--0.23)	6.46E-03	1.05E-02	-0.21	(-0.87-0.44)	5.24E-01	6.16E-01	notSig	-0.35	(-0.82-0.11)	1.37E-01	1.82E-01
PC(O-36:0)	-2.06	(-2.7--1.41)	9.59E-10	2.34E-08	GUSTO and BIS	-1.58	(-1.97--1.19)	3.04E-15	4.41E-14	0.34	(-0.29-0.98)	2.88E-01	3.89E-01	notSig	0.27	(-0.24-0.78)	3.00E-01	3.59E-01
PC(O-18:0/18:1)	-2.11	(-2.85--1.36)	4.47E-08	6.48E-07	GUSTO and BIS	-1.68	(-2.08--1.28)	1.52E-16	2.94E-15	1.03	(0.38-1.67)	1.87E-03	5.46E-03	GUSTO and BIS	1.16	(0.68-1.63)	2.26E-06	6.02E-06
PC(O-18:1/18:1)	-1.68	(-2.58--0.77)	3.04E-04	1.16E-03	GUSTO and BIS	-1.30	(-1.71--0.89)	4.60E-10	2.70E-09	1.46	(0.46-2.45)	4.13E-03	1.09E-02	GUSTO and BIS	0.92	(0.39-1.45)	6.12E-04	1.30E-03
PC(O-18:0/18:2)	-3.85	(-4.96--2.73)	5.08E-11	3.37E-09	GUSTO and BIS	-2.66	(-3.17--2.16)	5.23E-25	3.47E-23	0.44	(-0.59-1.47)	4.01E-01	5.07E-01	notSig	0.44	(-0.1-0.99)	1.12E-01	1.53E-01
PC(O-18:1/18:2)	-1.90	(-2.61--1.19)	2.28E-07	2.75E-06	GUSTO and BIS	-1.60	(-2.03--1.16)	6.19E-13	5.74E-12	0.47	(-0.24-1.17)	1.96E-01	2.87E-01	notSig	0.19	(-0.3-0.67)	4.49E-01	5.03E-01
PC(O-16:0/20:3)	-1.54	(-2.15--0.92)	1.44E-06	1.24E-05	BIS only	-0.94	(-1.34--0.54)	4.09E-06	1.23E-05	0.89	(0.31-1.47)	2.49E-03	6.88E-03	BIS only	0.69	(0.24-1.14)	2.42E-03	4.60E-03
PC(O-16:0/20:4)	-0.16	(-0.81-0.5)	6.34E-01	7.04E-01	notSig	-0.15	(-0.57-0.26)	4.62E-01	5.19E-01	0.73	(0.04-1.42)	3.74E-02	7.25E-02	notSig	0.23	(-0.23-0.68)	3.28E-01	3.87E-01
PC(O-36:5)	-1.22	(-2.18--0.26)	1.31E-02	2.89E-02	GUSTO and BIS	-1.17	(-1.86--0.48)	8.81E-04	1.65E-03	-0.32	(-1.06-0.43)	4.03E-01	5.07E-01	GUSTO only	-0.71	(-1.22--0.21)	5.66E-03	1.03E-02
PC(O-18:0/20:4)	-1.23	(-1.95--0.51)	8.74E-04	2.86E-03	BIS only	-0.68	(-1.1--0.26)	1.41E-03	2.55E-03	0.20	(-0.4-0.8)	5.12E-01	6.06E-01	notSig	-0.08	(-0.48-0.33)	7.13E-01	7.58E-01
PC(O-38:5)	0.23	(-0.31-0.77)	4.13E-01	4.97E-01	notSig	0.09	(-0.26-0.45)	6.06E-01	6.60E-01	0.70	(0.09-1.32)	2.50E-02	5.11E-02	notSig	0.32	(-0.14-0.78)	1.71E-01	2.21E-01
PC(O-16:0/22:6)	-0.65	(-1.35-0.05)	6.81E-02	1.15E-01	notSig	-0.44	(-0.93-0.05)	7.84E-02	1.04E-01	-0.15	(-0.74-0.44)	6.22E-01	7.06E-01	GUSTO only	-0.46	(-0.89--0.04)	3.33E-02	5.22E-02
PC(O-40:5)	-0.68	(-1.28--0.06)	3.03E-02	5.81E-02	GUSTO only	-0.75	(-1.14--0.37)	1.31E-04	3.00E-04	0.36	(-0.24-0.95)	2.38E-01	3.39E-01	notSig	0.07	(-0.32-0.47)	7.16E-01	7.60E-01
PC(O-18:0/22:6)	-1.39	(-2.1--0.66)	1.87E-04	7.56E-04	GUSTO and BIS	-0.95	(-1.4--0.51)	2.61E-05	6.91E-05									

PC(P-16:0/16:1)	-0.98	(-1.64--0.32)	3.77E-03	1.01E-02	GUSTO and BIS	-0.83	(-1.28--0.39)	2.26E-04	4.90E-04	0.87	(0.13-1.61)	2.21E-02	4.59E-02	BIS only	0.39	(-0.12-0.9)	1.34E-01	1.80E-01
PC(P-16:0/18:0)	-2.11	(-3.14--1.07)	8.57E-05	3.90E-04	GUSTO and BIS	-1.32	(-1.68--0.95)	2.10E-12	1.84E-11	-0.19	(-1.26-0.88)	7.28E-01	7.97E-01	notSig	-0.23	(-0.71-0.26)	3.60E-01	4.16E-01
PC(P-16:0/18:1)	-1.46	(-2.14--0.77)	3.88E-05	2.02E-04	GUSTO and BIS	-1.31	(-1.73--0.88)	1.61E-09	8.77E-09	0.43	(-0.26-1.12)	2.24E-01	3.23E-01	notSig	0.03	(-0.43-0.48)	9.09E-01	9.25E-01
PC(P-16:0/18:2)	-1.90	(-2.69--1.11)	3.14E-06	2.48E-05	GUSTO and BIS	-1.38	(-1.86--0.91)	8.71E-09	4.17E-08	-0.93	(-1.87-0.02)	5.42E-02	1.00E-01	GUSTO only	-1.19	(-1.71--0.67)	7.54E-06	1.92E-05
PC(P-16:0/18:3)	-3.16	(-4.1--2.22)	1.35E-10	5.76E-09	GUSTO and BIS	-2.12	(-2.64--1.59)	2.34E-15	3.50E-14	-0.88	(-1.69--0.06)	3.51E-02	6.90E-02	notSig	-0.60	(-1.05--0.15)	9.39E-03	1.62E-02
PC(P-35:2)(a)	-2.69	(-3.8--1.57)	3.32E-06	2.57E-05	GUSTO and BIS	-2.43	(-3.11--1.74)	4.02E-12	3.39E-11	-1.45	(-2.56--0.33)	1.10E-02	2.53E-02	BIS only	-0.73	(-1.33--0.14)	1.56E-02	2.61E-02
PC(P-35:2)(b)	-2.44	(-3.55--1.32)	2.37E-05	1.33E-04	GUSTO and BIS	-2.01	(-2.62--1.4)	8.01E-11	5.39E-10	-1.49	(-2.74--0.24)	1.94E-02	4.12E-02	GUSTO and BIS	-1.46	(-2.03--0.89)	4.47E-07	1.25E-06
PC(P-15:0/20:4) (b)	-1.21	(-2.04--0.37)	4.84E-03	1.24E-02	BIS only	-0.88	(-1.41--0.35)	1.03E-03	1.91E-03	-0.56	(-1.09--0.02)	4.06E-02	7.82E-02	notSig	-0.63	(-1.06--0.2)	4.46E-03	8.28E-03
PC(P-18:1/18:1)	-1.46	(-2.15--0.76)	4.81E-05	2.39E-04	GUSTO and BIS	-1.29	(-1.71--0.88)	1.12E-09	6.25E-09	2.18	(1.51-2.84)	2.66E-10	3.09E-09	GUSTO and BIS	1.82	(1.29-2.35)	1.46E-11	5.76E-11
PC(P-18:0/18:2)	-2.51	(-3.46--1.55)	4.05E-07	4.18E-06	GUSTO and BIS	-2.09	(-2.58--1.6)	1.04E-16	2.19E-15	-0.52	(-1.46-0.42)	2.82E-01	3.84E-01	notSig	-0.61	(-1.09--0.13)	1.23E-02	2.08E-02
PC(P-16:0/20:4)	0.51	(-0.25-1.29)	1.89E-01	2.68E-01	notSig	0.47	(-0.02-0.95)	5.81E-02	7.93E-02	0.06	(-0.7-0.82)	8.76E-01	9.06E-01	GUSTO only	-0.68	(-1.14--0.22)	3.87E-03	7.23E-03
PC(P-16:0/20:5)	-0.88	(-1.95-0.2)	1.10E-01	1.71E-01	notSig	-0.69	(-1.44-0.05)	6.92E-02	9.26E-02	-1.12	(-1.92--0.33)	5.76E-03	1.48E-02	GUSTO and BIS	-1.58	(-2.11--1.04)	6.68E-09	2.18E-08
PC(P-17:0/20:4) (a)	-0.26	(-1.01-0.49)	4.97E-01	5.75E-01	GUSTO only	-0.62	(-1.16--0.07)	2.67E-02	3.81E-02	-1.26	(-1.93--0.6)	2.25E-04	8.10E-04	GUSTO and BIS	-1.41	(-1.89--0.94)	6.15E-09	2.02E-08
PC(P-17:0/20:4) (b)	0.04	(-0.72-0.8)	9.25E-01	9.45E-01	notSig	-0.15	(-0.67-0.38)	5.86E-01	6.42E-01	-1.05	(-1.65--0.45)	6.31E-04	2.05E-03	GUSTO and BIS	-1.47	(-1.89--1.04)	1.23E-11	4.90E-11
PC(P-18:0/20:4)	0.11	(-0.73-0.95)	8.04E-01	8.48E-01	notSig	-0.03	(-0.51-0.45)	9.16E-01	9.31E-01	-0.30	(-1.02-0.41)	4.05E-01	5.07E-01	GUSTO only	-0.82	(-1.24--0.4)	1.43E-04	3.24E-04
PC(P-38:5) (a)	0.80	(0.21-1.39)	7.78E-03	1.82E-02	BIS only	0.53	(0.1-0.95)	1.44E-02	2.17E-02	-0.16	(-0.83-0.51)	6.43E-01	7.22E-01	GUSTO only	-0.78	(-1.21--0.35)	4.00E-04	8.68E-04
PC(P-38:5) (b)	-0.54	(-1.26-0.19)	1.44E-01	2.14E-01	GUSTO only	-0.73	(-1.18--0.27)	1.65E-03	2.97E-03	0.41	(-0.26-1.09)	2.28E-01	3.26E-01	GUSTO only	-0.26	(-0.72-0.21)	2.83E-01	3.40E-01
PC(P-16:0/22:6)	-0.38	(-1.13-0.37)	3.15E-01	4.05E-01	notSig	-0.34	(-0.85-0.18)	2.03E-01	2.47E-01	-0.67	(-1.36-0.01)	5.32E-02	9.87E-02	GUSTO only	-1.16	(-1.61--0.71)	3.72E-07	1.05E-06
PC(P-20:0/20:4)	-0.55	(-1.24-0.14)	1.21E-01	1.83E-01	notSig	-0.48	(-0.94--0.03)	3.68E-02	5.12E-02	-0.27	(-0.8-0.26)	3.21E-01	4.25E-01	GUSTO only	-0.52	(-0.92--0.12)	1.01E-02	1.73E-02
PC(P-18:0/22:6)	-0.76	(-1.56-0.05)	6.57E-02	1.13E-01	notSig	-0.72	(-1.24--0.19)	7.23E-03	1.16E-02	-0.91	(-1.57--0.25)	7.08E-03	1.75E-02	GUSTO and BIS	-1.31	(-1.72--0.9)	4.85E-10	1.70E-09
PE(16:0_16:1)	-0.24	(-1.79-1.33)	7.62E-01	8.15E-01	notSig	-0.43	(-1.36-0.5)	3.61E-01	4.13E-01	1.33	(0.29-2.38)	1.21E-02	2.75E-02	BIS only	0.90	(0.15-1.65)	1.81E-02	3.01E-02
PE(16:0_18:1)	0.82	(-0.18-1.83)	1.10E-01	1.71E-01	notSig	0.24	(-0.37-0.85)	4.47E-01	5.06E-01	-0.11	(-1.32-1.11)	8.64E-01	8.98E-01	notSig	-0.47	(-1.09-0.15)	1.34E-01	1.80E-01
PE(16:0_18:2)	-0.39	(-1.39-0.63)	4.52E-01	5.34E-01	notSig	-0.35	(-1-0.31)	3.00E-01	3.49E-01	-0.37	(-1.48-0.75)	5.16E-01	6.08E-01	notSig	-0.58	(-1.2-0.04)	6.61E-02	9.35E-02
PE(16:1_18:2)	-1.14	(-2.49-0.23)	1.01E-01	1.60E-01	notSig	-1.02	(-1.83--0.2)	1.44E-02	2.17E-02	0.69	(-0.43-1.8)	2.27E-01	3.26E-01	notSig	0.49	(-0.17-1.14)	1.47E-01	1.93E-01
PE(16:0_18:3) (a)	-1.97	(-3.3--0.62)	4.51E-03	1.18E-02	GUSTO and BIS	-1.73	(-2.49--0.97)	8.28E-06	2.36E-05	-0.48	(-2.12-1.15)	5.62E-01	6.44E-01	notSig	-0.04	(-0.77-0.68)	9.09E-01	9.25E-01
PE(16:0_18:3) (b)	-1.64	(-2.88--0.38)	1.09E-02	2.46E-02	BIS only	-0.84	(-1.58--0.11)	2.48E-02	3.55E-02	0.89	(-0.09-1.88)	7.61E-02	1.31E-01	notSig	0.71	(0.04-1.38)	3.70E-02	5.70E-02
PE(17:0_18:2)	-0.60	(-1.55-0.36)	2.21E-01	3.05E-01	GUSTO only	-1.00	(-1.56--0.44)	4.62E-04	9.20E-04	-1.70	(-2.81--0.59)	2.73E-03	7.50E-03	GUSTO and BIS	-1.00	(-1.47--0.53)	3.16E-05	7.67E-05
PE(18:0_18:1)	-0.39	(-1.31-0.54)	4.15E-01	4.98E-01	notSig	0.16	(-0.37-0.69)	5.45E-01	6.05E-01	-0.34	(-1.5-0.82)	5.68E-01	6.49E-01	notSig	-0.17	(-0.84-0.49)	6.09E-01	6.64E-01
PE(18:1_18:1)	-1.29	(-2.36--0.21)	1.93E-02	3.93E-02	BIS only	-0.64	(-1.21--0.08)	2.56E-02	3.65E-02	0.12	(-1.16-1.4)	8.50E-01	8.91E-01	notSig	0.05	(-0.79-0.89)	9.14E-01	9.28E-01
PE(18:0_18:2)	-0.42	(-1.4-0.57)	4.00E-01	4.86E-01	notSig	0.18	(-0.4-0.76)	5.42E-01	6.03E-01	-0.59	(-1.8-0.61)	3.33E-01	4.37E-01	notSig	-0.52	(-1.13-0.08)	8.79E-02	1.22E-01
PE(18:1_18:2)	-1.76	(-2.8--0.71)	1.07E-03	3.34E-03	BIS only	-1.15	(-1.79--0.5)	4.64E-04	9.20E-04	-0.12	(-1.4-1.16)	8.56E-01	8.94E-01	notSig	-0.22	(-0.89-0.45)	5.24E-01	5.78E-01
PE(16:0_20:3)	-0.96	(-1.91--0.01)	4.88E-02	8.70E-02	notSig	-0.63	(-1.26-0)	4.96E-02	6.81E-02	-0.15	(-1.12-0.82)	7.60E-01	8.20E-01	notSig	-0.25	(-0.85-0.36)	4.25E-01	4.81E-01
PE(16:0_20:4)	1.51	(0.59-2.43)	1.21E-03	3.75E-03	BIS only	1.05	(0.47-1.63)	3.62E-04	7.47E-04	-0.10	(-0.8-0.59)	7.69E-01	8.28E-01	notSig	-0.23	(-0.7-0.24)	3.43E-01	4.02E-01
PE(16:1_20:4)	0.65	(-0.52-1.84)	2.76E-01	3.68E-01	notSig	0.13	(-0.59-0.84)	7.26E-01	7.70E-01	1.17	(0.38-1.96)	3.87E-03	1.03E-02	BIS only	0.97	(0.39-1.54)	1.09E-03	2.20E-03
PE(16:0_20:5)	-0.58	(-1.88-0.74)	3.86E-01	4.74E-01	notSig	-0.51	(-1.33-0.3)	2.19E-01	2.65E-01	-0.96	(-1.95-0.04)	5.87E-02	1.07E-01	notSig	-0.87	(-1.5--0.25)	5.70E-03	1.03E-02
PE(17:0_20:4)	1.72	(0.9-2.55)	3.79E-05	2.00E-04	BIS only	0.67	(0.15-1.19)	1.14E-02	1.75E-02	-1.43	(-2.16--0.7)	1.25E-04	4.81E-04	GUSTO and BIS	-1.59	(-2.06--1.12)	2.71E-11	1.04E-10
PE(18:0_20:3) (a)	0.32	(-0.67-1.31)	5.30E-01	6.08E-01	GUSTO only	1.13	(0.5-1.76)	4.28E-04	8.68E-04	-0.39	(-1.23-0.45)	3.66E-01	4.72E-01	notSig	-0.52	(-1.04-0)	5.10E-02	7.49E-02
PE(18:0_20:4)	2.38	(1.53-3.23)	3.77E-08	5.65E-07	GUSTO and BIS	2.16	(1.65-2.66)	4.96E-17	1.09E-15	-0.57	(-1.22-0.09)	9.09E-02	1.49E-01	notSig	-0.64	(-1.09--0.19)	5.18E-03	9.53E-03
PE(38:5) (a)	0.92	(-0.05-1.89)	6.22E-02	1.08E-01	notSig	0.34	(-0.24-0.93)	2.51E-01	3.00E-01	0.11	(-0.83-1.05)	8.14E-01	8.68E-01	notSig	-0.39	(-0.93-0.14)	1.52E-01	1.99E-01
PE(38:5) (b)	0.26	(-0.78-1.32)	6.22E-01	6.95E-01	notSig	-0.42	(-1.08-0.25)	2.16E-01	2.63E-01	0.79	(-0.17-1.74)	1.07E-01	1.70E-01	notSig	0.61	(-0.1-1.33)	9.38E-02	1.30E-01
PE(16:0_22:6)	1.18	(0.35-2.02)	5.47E-03	1.37E-02	BIS only	0.52	(-0.04-1.07)	6.72E-02	9.04E-02	-1.30	(-2.02--0.58)	4.24E-04	1.43E-03	GUSTO and BIS	-1.45	(-1.94--0.96)	7.06E-09	2.29E-08
PE(17:0_22:6)	1.36	(0.44-2.29)	3.86E-03	1.03E-02	BIS only	0.41	(-0.17-1)	1.66E-01	2.05E-01	-2.48	(-3.39--1.57)	1.16E-07	8.56E-07	GUSTO and BIS	-1.81	(-2.32--1.31)	1.99E-12	8.56E-12
PE(18:0_22:4)	0.13	(-1.13-1.41)	8.43E-01	8.75E-01	notSig	0.39	(-0.33-1.11)	2.84E-01	3.35E-01	-0.55	(-1.49-0.4)	2.56E-01	3.58E-01	notSig	-0.36	(-0.98-0.26)	2.58E-01	3.13E-01
PE(18:0_22:5) (n3)	0.13	(-0.85-1.12)	7.97E-01	8.44E-01	notSig	0.34	(-0.24-0.92)	2.48E-01	2.97E-01	-1.32	(-2.36--0.28)	1.32E-02	2.91E-02	GUSTO and BIS	-1.17	(-1.81--0.54)	3.11E-04	6.80E-04
PE(18:0_22:5) (n6)	1.06	(-0.23-2.37)	1.08E-01	1.69E-01	notSig	0.62	(-0.13-1.38)	1.07E-01	1.38E-01	0.67	(-0.32-1.66)	1.85E-01	2.74E-01	notSig	0.11	(-0.59-0.81)	7.56E-01	8.01E-01
PE(18:0_22:6)	2.33	(1.39-3.27)	1.15E-06	1.01E-05	GUSTO and BIS	1.75	(1.14-2.35)	1.52E-08	7.10E-08	-1.47	(-2.33--0.62)	7.59E-04	2.41E-03	GUSTO and BIS	-1.55	(-2.12--0.97)	1.26E-07	3.68E-07
PE(O-34:1)	-2.21	(-2.95--1.45)	1.58E-08	2.93E-07	GUSTO and BIS	-1.71	(-2.17--1.25)	2.82E-13	2.67E-12	0.48	(-0.39-1.35)	2.83E-01	3.84E-01	notSig	0.42	(-0.27-1.12)	2.34E-01	2.87E-01
PE(O-16:0/18:2)	-3.11	(-4.1--2.11)	2.65E-09	5.59E-08	GUSTO and BIS	-2.88	(-3.49--2.27)	2.43E-20	8.67E-19	-0.32	(-1.36-0.72)	5.47E-01	6.32E-01	notSig	-0.30	(-1.22-0.62)	5.25E-01	5.78E-01
PE(O-18:1/18:2)	-2.82	(-3.81--1.82)	5.07E-08	7.13E-07	GUSTO and BIS	-2.01	(-2.6--1.42)	2.84E-11	2.06E-10	0.11	(-1.19-1.42)	8.63E-01	8.98E-01	notSig	0.08	(-0.71-0.86)	8.45E-01	8.83E-01
PE(O-16:0/20:4)	-1.78	(-																

PE(O-18:0/20:4)	-2.73	(-3.77--1.67)	6.40E-07	6.19E-06	GUSTO and BIS	-2.16	(-2.8--1.51)	6.33E-11	4.45E-10	-0.36	(-1.27-0.56)	4.41E-01	5.40E-01	notSig	-0.25	(-0.86-0.36)	4.19E-01	4.77E-01
PE(O-38:5) (a)	-1.81	(-2.64--0.96)	3.03E-05	1.62E-04	GUSTO and BIS	-1.59	(-2.14--1.05)	1.09E-08	5.15E-08	0.15	(-0.74-1.04)	7.37E-01	8.01E-01	notSig	0.00	(-0.55-0.55)	9.99E-01	9.99E-01
PE(O-38:5) (b)	-2.58	(-3.46--1.69)	2.31E-08	3.83E-07	GUSTO and BIS	-2.19	(-2.72--1.66)	5.21E-16	8.63E-15	1.10	(0.32-1.88)	5.82E-03	1.48E-02	BIS only	0.73	(0.12-1.33)	1.88E-02	3.11E-02
PE(O-16:0/22:6)	-0.91	(-1.61--0.19)	1.31E-02	2.89E-02	GUSTO and BIS	-0.98	(-1.45--0.5)	5.25E-05	1.27E-04	1.08	(0.4-1.77)	2.01E-03	5.82E-03	BIS only	0.86	(0.34-1.38)	1.29E-03	2.57E-03
PE(O-18:0/22:6)	-2.02	(-2.77--1.26)	2.50E-07	2.90E-06	GUSTO and BIS	-1.73	(-2.2--1.25)	8.23E-13	7.34E-12	0.67	(-0.05-1.38)	6.69E-02	1.18E-01	notSig	0.31	(-0.17-0.79)	2.10E-01	2.64E-01
PE(O-18:1/22:6)	-1.03	(-1.86--0.2)	1.49E-02	3.20E-02	GUSTO and BIS	-1.12	(-1.61--0.63)	6.55E-06	1.89E-05	0.99	(0.3-1.68)	5.18E-03	1.34E-02	BIS only	0.46	(0.01-0.91)	4.42E-02	6.63E-02
PE(P-16:0/18:1)	-1.81	(-2.49--1.14)	2.31E-07	2.75E-06	GUSTO and BIS	-1.33	(-1.74--0.92)	2.70E-10	1.67E-09	0.95	(0.21-1.68)	1.22E-02	2.75E-02	GUSTO and BIS	1.32	(0.8-1.84)	5.85E-07	1.62E-06
PE(P-16:0/18:2)	-3.01	(-3.92--2.09)	3.43E-10	1.22E-08	GUSTO and BIS	-2.05	(-2.59--1.51)	1.25E-13	1.27E-12	-0.23	(-1.23-0.78)	6.55E-01	7.31E-01	notSig	-0.03	(-0.7-0.65)	9.39E-01	9.45E-01
PE(P-16:0/20:4)	-0.54	(-1.35-0.28)	1.97E-01	2.76E-01	notSig	-0.16	(-0.7-0.39)	5.70E-01	6.28E-01	-0.21	(-0.98-0.55)	5.81E-01	6.62E-01	notSig	-0.22	(-0.77-0.32)	4.24E-01	4.81E-01
PE(P-16:0/20:5)	-1.52	(-2.9--0.12)	3.36E-02	6.34E-02	notSig	-1.25	(-2.21--0.29)	1.09E-02	1.69E-02	-1.53	(-2.72--0.33)	1.24E-02	2.78E-02	BIS only	-1.32	(-2.33--0.31)	1.03E-02	1.75E-02
PE(P-16:0/22:4)	-0.51	(-1.12-0.11)	1.07E-01	1.68E-01	notSig	-0.02	(-0.44-0.39)	9.13E-01	9.29E-01	0.20	(-0.4-0.8)	5.10E-01	6.06E-01	notSig	0.21	(-0.25-0.67)	3.69E-01	4.25E-01
PE(P-16:0/22:5) (n3)	-0.75	(-1.45--0.05)	3.53E-02	6.58E-02	notSig	-0.67	(-1.13--0.22)	3.41E-03	5.86E-03	-0.42	(-1.34-0.49)	3.64E-01	4.71E-01	notSig	-0.46	(-1.03-0.11)	1.17E-01	1.59E-01
PE(P-16:0/22:5) (n6)	-1.25	(-2.1--0.39)	4.62E-03	1.20E-02	GUSTO and BIS	-0.93	(-1.45--0.42)	3.56E-04	7.37E-04	1.34	(0.71-1.96)	2.94E-05	1.32E-04	GUSTO and BIS	1.19	(0.69-1.69)	3.53E-06	9.25E-06
PE(P-16:0/22:6)	0.45	(-0.17-1.07)	1.53E-01	2.25E-01	notSig	0.26	(-0.17-0.68)	2.32E-01	2.79E-01	0.77	(0.1-1.44)	2.50E-02	5.11E-02	notSig	0.48	(0-0.96)	5.24E-02	7.67E-02
PE(P-17:0/20:4) (a)	-0.84	(-1.8-0.13)	8.81E-02	1.42E-01	notSig	-0.53	(-1.17-0.11)	1.05E-01	1.36E-01	-1.32	(-2.15--0.49)	1.84E-03	5.41E-03	BIS only	-0.72	(-1.21--0.23)	4.12E-03	7.69E-03
PE(P-17:0/20:4) (b)	-0.50	(-1.49-0.5)	3.25E-01	4.16E-01	notSig	-0.32	(-0.95-0.3)	3.12E-01	3.60E-01	-1.13	(-1.94--0.32)	6.49E-03	1.61E-02	GUSTO and BIS	-1.02	(-1.52--0.52)	5.78E-05	1.38E-04
PE(P-17:0/22:6) (a)	-0.39	(-1.14-0.36)	3.06E-01	3.98E-01	GUSTO only	-0.79	(-1.34--0.25)	4.32E-03	7.34E-03	-0.87	(-1.63--0.11)	2.46E-02	5.07E-02	notSig	-0.58	(-1.12--0.03)	3.76E-02	5.75E-02
PE(P-17:0/22:6) (b)	-0.12	(-0.83-0.61)	7.54E-01	8.10E-01	notSig	-0.43	(-0.94-0.08)	9.62E-02	1.25E-01	-0.68	(-1.44-0.08)	8.09E-02	1.35E-01	notSig	-0.55	(-1.06--0.04)	3.54E-02	5.51E-02
PE(P-18:0/18:1)	-1.84	(-2.62--1.06)	5.27E-06	3.88E-05	GUSTO and BIS	-1.47	(-1.94--1)	1.05E-09	5.94E-09	0.19	(-0.8-1.17)	7.10E-01	7.82E-01	GUSTO only	0.68	(0.06-1.3)	3.12E-02	4.91E-02
PE(P-18:0/18:2)	-3.19	(-4.16--2.2)	6.48E-10	2.00E-08	GUSTO and BIS	-2.24	(-2.78--1.7)	3.46E-16	5.95E-15	-1.08	(-2.39-0.23)	1.07E-01	1.70E-01	notSig	-0.44	(-1.17-0.29)	2.40E-01	2.94E-01
PE(P-18:0/20:4)	-0.75	(-1.65-0.15)	1.03E-01	1.63E-01	notSig	-0.42	(-1.01-0.16)	1.55E-01	1.93E-01	-0.57	(-1.42-0.28)	1.87E-01	2.77E-01	notSig	-0.62	(-1.16--0.08)	2.48E-02	4.01E-02
PE(P-18:0/20:5)	-1.77	(-3.19--0.32)	1.70E-02	3.58E-02	GUSTO and BIS	-1.70	(-2.69--0.71)	7.76E-04	1.48E-03	-1.78	(-3.05--0.51)	6.10E-03	1.54E-02	GUSTO and BIS	-1.86	(-2.82--0.9)	1.42E-04	3.23E-04
PE(P-18:0/22:4)	-0.89	(-1.55--0.23)	8.02E-03	1.86E-02	GUSTO and BIS	-0.80	(-1.24--0.36)	3.71E-04	7.61E-04	-0.31	(-1.13-0.51)	4.52E-01	5.49E-01	notSig	-0.30	(-0.87-0.27)	3.05E-01	3.63E-01
PE(P-18:0/22:5) (n3)	-1.54	(-2.33--0.75)	1.44E-04	6.01E-04	GUSTO and BIS	-1.08	(-1.55--0.6)	9.03E-06	2.55E-05	-1.10	(-2.14--0.07)	3.66E-02	7.14E-02	notSig	-0.59	(-1.13--0.06)	2.86E-02	4.54E-02
PE(P-18:0/22:5) (n6)	-1.95	(-2.79--1.11)	6.84E-06	4.67E-05	GUSTO and BIS	-1.51	(-1.98--1.03)	5.07E-10	2.94E-09	0.68	(0.01-1.36)	4.72E-02	9.00E-02	notSig	0.52	(0.05-0.99)	3.06E-02	4.84E-02
PE(P-18:0/22:6)	-1.05	(-1.77--0.32)	4.98E-03	1.27E-02	GUSTO and BIS	-0.90	(-1.39--0.42)	2.55E-04	5.43E-04	0.02	(-0.7-0.75)	9.46E-01	9.56E-01	notSig	-0.02	(-0.51-0.46)	9.30E-01	9.40E-01
PE(P-18:1/18:1)	-1.46	(-2.18--0.74)	8.73E-05	3.93E-04	GUSTO and BIS	-1.11	(-1.55--0.67)	7.10E-07	2.39E-06	0.72	(-0.19-1.62)	1.20E-01	1.86E-01	notSig	0.48	(-0.04-1)	7.13E-02	1.01E-01
PE(P-18:1/22:4)	0.05	(-0.54-0.64)	8.67E-01	8.96E-01	notSig	-0.10	(-0.54-0.34)	6.57E-01	7.07E-01	0.48	(-0.11-1.07)	1.14E-01	1.80E-01	notSig	0.44	(-0.06-0.93)	8.65E-02	1.20E-01
PE(P-18:1/22:5) (a)	-0.66	(-1.33-0.02)	5.54E-02	9.80E-02	GUSTO only	-0.69	(-1.14--0.23)	3.15E-03	5.42E-03	-0.42	(-1.4-0.57)	4.04E-01	5.07E-01	notSig	-0.39	(-0.93-0.15)	1.54E-01	2.01E-01
PE(P-18:1/22:6) (a)	0.34	(-0.4-1.08)	3.69E-01	4.59E-01	notSig	-0.13	(-0.62-0.36)	5.91E-01	6.45E-01	0.73	(0.08-1.38)	2.74E-02	5.55E-02	notSig	0.37	(-0.11-0.85)	1.29E-01	1.74E-01
PE(P-20:0/18:1)	-1.69	(-2.4--0.97)	4.75E-06	3.55E-05	GUSTO and BIS	-1.45	(-1.92--0.98)	1.21E-09	6.70E-09	-0.28	(-1-0.45)	4.50E-01	5.48E-01	notSig	-0.17	(-0.84-0.5)	6.29E-01	6.82E-01
PE(P-20:0/18:2)	-2.85	(-3.78--1.9)	6.34E-09	1.28E-07	GUSTO and BIS	-2.07	(-2.55--1.6)	1.23E-17	3.00E-16	-1.15	(-2.34-0.03)	5.63E-02	1.03E-01	notSig	-0.16	(-0.58-0.25)	4.35E-01	4.91E-01
PE(P-20:0/20:4)	-0.84	(-1.62--0.06)	3.56E-02	6.61E-02	notSig	-0.42	(-0.89-0.06)	8.63E-02	1.13E-01	-0.60	(-1.34-0.14)	1.14E-01	1.80E-01	notSig	-0.60	(-1.17--0.03)	3.95E-02	6.03E-02
PE(P-20:0/22:6)	-0.97	(-1.7--0.23)	1.07E-02	2.42E-02	GUSTO and BIS	-0.84	(-1.27--0.42)	1.10E-04	2.57E-04	-0.45	(-1.11-0.2)	1.76E-01	2.65E-01	GUSTO only	-0.59	(-1.02--0.16)	7.17E-03	1.26E-02
PE(P-20:1/20:4)	-0.92	(-1.92-0.09)	7.48E-02	1.23E-01	notSig	-0.63	(-1.29-0.03)	6.27E-02	8.48E-02	0.15	(-0.6-0.91)	6.91E-01	7.64E-01	notSig	-0.17	(-0.79-0.45)	5.97E-01	6.53E-01
PG(36:1)	0.58	(-0.39-1.56)	2.39E-01	3.26E-01	notSig	-0.01	(-0.56-0.54)	9.70E-01	9.74E-01	-0.71	(-1.79-0.37)	1.96E-01	2.87E-01	notSig	-1.01	(-1.81--0.21)	1.38E-02	2.32E-02
PI(16:0/16:0)	-2.67	(-3.93--1.39)	5.08E-05	2.48E-04	GUSTO and BIS	-2.52	(-3.27--1.77)	4.31E-11	3.08E-10	-1.03	(-2.08-0.01)	5.29E-02	9.86E-02	notSig	-0.53	(-1.25-0.18)	1.44E-01	1.89E-01
PI(16:0_16:1)	-1.35	(-2.78-0.1)	6.77E-02	1.15E-01	GUSTO only	-1.60	(-2.45--0.74)	2.67E-04	5.63E-04	0.45	(-0.31-1.22)	2.46E-01	3.47E-01	notSig	0.57	(-0.01-1.14)	5.26E-02	7.68E-02
PI(34:0)	-1.97	(-3.12--0.81)	9.36E-04	3.00E-03	GUSTO and BIS	-2.39	(-3.11--1.66)	1.06E-10	6.93E-10	-1.46	(-2.58--0.34)	1.06E-02	2.46E-02	GUSTO and BIS	-1.64	(-2.47--0.81)	1.00E-04	2.33E-04
PI(34:1)	-1.27	(-2.17--0.37)	6.11E-03	1.49E-02	GUSTO and BIS	-1.75	(-2.29--1.21)	1.84E-10	1.19E-09	-0.40	(-1.36-0.56)	4.09E-01	5.10E-01	notSig	-0.26	(-0.79-0.27)	3.41E-01	4.01E-01
PI(17:0_18:1)	-1.25	(-2.12--0.38)	5.16E-03	1.31E-02	GUSTO and BIS	-2.03	(-2.51--1.55)	1.31E-16	2.63E-15	-1.48	(-2.45--0.51)	2.82E-03	7.66E-03	GUSTO and BIS	-1.40	(-2.1--0.69)	9.88E-05	2.30E-04
PI(17:0_18:2)	-1.54	(-2.27--0.8)	4.83E-05	2.39E-04	GUSTO and BIS	-2.21	(-2.69--1.73)	1.21E-19	3.74E-18	-2.27	(-3.22--1.32)	3.19E-06	1.78E-05	GUSTO and BIS	-2.10	(-2.8--1.41)	2.92E-09	9.81E-09
PI(18:0_18:1)	-1.55	(-2.47--0.61)	1.23E-03	3.77E-03	GUSTO and BIS	-1.80	(-2.36--1.24)	3.52E-10	2.12E-09	-0.70	(-1.98-0.58)	2.86E-01	3.87E-01	GUSTO only	-1.07	(-1.68--0.46)	5.58E-04	1.19E-03
PI(36:2)	-1.10	(-1.87--0.32)	6.05E-03	1.49E-02	GUSTO and BIS	-1.63	(-2.1--1.16)	8.04E-12	6.66E-11	-1.57	(-2.58--0.57)	2.22E-03	6.33E-03	GUSTO and BIS	-1.31	(-1.81--0.8)	3.64E-07	1.03E-06
PI(18:1_18:2)	-2.97	(-3.88--2.06)	5.26E-10	1.74E-08	GUSTO and BIS	-2.76	(-3.28--2.24)	1.37E-25	1.06E-23	-1.44	(-2.14--0.73)	6.74E-05	2.70E-04	GUSTO and BIS	-1.46	(-1.88--1.04)	1.07E-11	4.36E-11
PI(16:0_20:3) (a)	-2.61	(-3.42--1.79)	9.45E-10	2.34E-08	GUSTO and BIS	-2.34	(-2.85--1.82)	4.52E-19	1.31E-17	0.12	(-0.47-0.72)	6.86E-01	7.60E-01	notSig	0.18	(-0.23-0.58)	3.90E-01	4.48E-01
PI(16:0_20:3) (b)	-3.52	(-4.53--2.5)	4.64E-11	3.37E-09	GUSTO and BIS	-2.83	(-3.43--2.23)	1.80E-20	6.97E-19	2.95	(2.17-3.74)	4.47E-13	7.41E-12	GUSTO and BIS	2.97	(2.33-3.61)	9.90E-20	6.38E-19
PI(16:0_20:4)	-0.83	(-1.74-0.09)	7.58E-02	1.24E-01	GUSTO only	-1.27	(-1.76--0.77)	4.90E-07	1.76E-06	-0.04	(-0.53-0.46)	8.87E-01	9.11E-01	notSig	0.03	(-0.34-0.4)	8.62E-01	8.91E-01
PI(18:0_20:2)	-1.77	(-2.69--0.85)	1.90E-04	7.62E-04	GUSTO and BIS	-2.33	(-2.89--1.77)	2.72E-16	4.86E									

PI(38:6)	-1.57	(-2.46--0.67)	6.34E-04	2.21E-03	GUSTO and BIS	-2.26	(-2.78--1.74)	2.27E-17	5.27E-16	-1.31	(-1.85--0.77)	2.00E-06	1.15E-05	GUSTO and BIS	-1.12	(-1.5--0.74)	7.75E-09	2.48E-08
PI(18:0_22:4)	-0.78	(-1.53--0.02)	4.48E-02	8.05E-02	GUSTO only	-1.04	(-1.53--0.55)	3.56E-05	8.91E-05	0.96	(0.44-1.48)	3.38E-04	1.18E-03	GUSTO and BIS	1.04	(0.62-1.46)	1.02E-06	2.78E-06
PI(18:0_22:5) (n3)	-0.80	(-1.55--0.04)	3.81E-02	6.96E-02	GUSTO only	-1.32	(-1.82--0.82)	2.13E-07	8.44E-07	-1.29	(-2.04--0.53)	8.62E-04	2.70E-03	GUSTO and BIS	-1.26	(-1.76--0.76)	6.62E-07	1.83E-06
PI(18:0_22:6)	-0.69	(-1.49-0.12)	9.45E-02	1.51E-01	GUSTO only	-1.50	(-2--0.99)	6.63E-09	3.31E-08	-0.85	(-1.42--0.27)	4.13E-03	1.09E-02	GUSTO and BIS	-0.98	(-1.38--0.59)	9.58E-07	2.61E-06