

Supplementary Table 1. The proportional lipid composition of subcutaneous and intra-abdominal adipose tissue, the liver, and serum.

	SCfat	IAfat	Liver	Serum
Ceramides	0.025±0.003	0.036±0.004	0.146±0.029 ^{‡*}	0.123±0.013 ^{‡‡‡}
SM	0.064±0.012	0.056±0.007	1.15±0.16 ^{‡*}	4.30±0.64 ^{‡‡‡**}
GPA	0.016±0.001	0.016±0.002	0.262±0.033 ^{‡*}	0.177±0.018 ^{‡‡‡**}
PC	0.314±0.052	0.340±0.037	18.0±2.39 ^{‡*}	22.71±2.94 ^{‡‡‡}
PC(e)	0.015±0.001	0.010±0.001	0.135±0.017 ^{‡*}	1.270±0.291 ^{‡‡‡**}
PE	0.149±0.014	0.140±0.011	3.60±0.39 ^{‡*}	2.62±0.24 ^{‡‡‡**}
PE(e)	0.190±0.021	0.192±0.021	1.13±0.14 ^{‡*}	2.19±0.27 ^{‡‡‡**}
LysoTot	0.059±0.007	0.020±0.006	0.127±0.029 ^{‡‡‡§}	2.26±0.49 ^{‡‡‡**}
- LPC	0.0032±0.0007	0.0031±0.0004	0.0524±0.0100 ^{‡*}	2.06±0.46 ^{‡‡‡**}
- LPE	0.056±0.006	0.047±0.005	0.075±0.023	0.133±0.020 ^{‡‡‡‡**}
- LPE(e)	0.0053±0.0006	0.0046±0.0005	0.0078±0.002	0.015±0.002 ^{‡‡‡‡**}
DAG	0.0096±0.0006	0.0087±0.0007	0.023±0.003 ^{‡*}	0.022±0.003 ^{‡‡‡}
TAG	99.16±0.11	99.15±0.08	75.43±3.13 ^{‡*}	61.26±4.88 ^{‡‡‡**}

[‡], p<0.0001 for one-way ANOVA (SCfat, IAfat, and the liver)

^{‡‡}, p<0.05 for one-way ANOVA (SCfat, IAfat, and the liver)

^{‡‡‡}, p<0.0001 for one-way ANOVA (SCfat, IAfat, liver, and serum)

^{‡‡‡‡}, p<0.01 for one-way ANOVA (SCfat, IAfat, liver, and serum)

^{*}, p<0.0001, LSD post hoc test, liver vs. SCfat and IA fat

^{**}, p<0.01, LSD post hoc test, serum vs. liver, SCfat, and IAfat

[†], p<0.05, LSD post hoc test, SCfat vs. liver

[§], p<0.001, LSD post hoc test, IAfat vs. liver