

Table S5. Details of stepwise regression analysis presented in the Figure 4.

e2e3										
Step	Parameter	Action	Sig Prob	Seq SS	RSquare	Cp	p	AICc	BIC	
1	10_NO2_OA	Entered	0.0004	7.590558	0.1979	26.775		2	135.453	141.249 ()
2	SC_Age	Entered	0.0007	5.790655	0.3489	13.384		3	125.455	133.024 ()
3	LPG16.1	Entered	0.0071	3.109171	0.4299	7.1193		4	120.002	129.257 ()
4	GCDCA/GLCA	Entered	0.0181	2.166827	0.4864	3.3598		5	116.328	127.178 ()
5	17_18_DiHETE/EPA	Entered	0.0672	1.217431	0.5182	2.1238		6	115.145	127.491 ()
6	5_iPF2a_VI	Entered	0.1745	0.649812	0.5351	2.3965		7	115.717	129.457 ()
7	GUDCA/UDCA	Entered	0.6464	0.074138	0.537	4.1995		8	118.264	133.289 ()
8	5_iPF2a_VI/AA	Entered	0.7297	0.042761	0.5382	6.0858		9	121.032	137.224 ()
9	TDCA/TLCA	Entered	0.8341	0.016022	0.5386	8.0432		10	124.012	141.248 ()
10	cLPA16.1	Entered	0.8679	0.010306	0.5388	10.016		11	127.144	145.291 ()
11	16_HDoHE	Entered	0.9004	0.005962	0.539	12		12	130.43	149.349 ()
12	Best	Specific	.	.	0.4864	3.3598		5	116.328	127.178 (x)
e3e3										
Step	Parameter	Action	Sig Prob	Seq SS	RSquare	Cp	p	AICc	BIC	
1	SC_Age	Entered	0	17.31012	0.0807	48.575		2	775.461	786.803 ()
2	PTEDUCAT	Entered	0.0007	6.762858	0.1122	37.667		3	765.93	781.028 ()
3	5-HETE/AA	Entered	0.0064	4.268388	0.1321	31.52		4	760.469	779.311 ()
4	LPI20.4	Entered	0.0237	2.895069	0.1456	27.994		5	757.343	779.915 ()
5	LPE22.5	Entered	0.0062	4.178108	0.165	22.019		6	751.778	778.068 ()
6	19_20_DiHDPA/19_20_I	Entered	0.0079	3.850061	0.183	16.671		7	746.667	776.662 ()
7	5_HETrE/DGLA	Entered	0.0232	2.771374	0.1959	13.381		8	743.491	777.178 ()
8	thromboxane_B3	Entered	0.0443	2.150004	0.2059	11.277		9	741.455	778.821 ()
9	PGD3	Entered	0.0638	1.810891	0.2143	9.8207		10	740.048	781.079 ()
10	5-HEPE/EPA	Entered	0.0465	2.071401	0.224	7.867		11	738.097	782.78 ()
11	LCA	Entered	0.1055	1.359963	0.2303	7.2712		12	737.541	785.863 ()
12	sum_HETrE	Entered	0.3702	0.415966	0.2323	8.4773		13	738.884	790.831 ()
13	17_18_DiHETE/EPA	Entered	0.3898	0.383299	0.234	9.7457		14	740.305	795.863 ()
14	DCA	Entered	0.3411	0.469958	0.2362	10.849		15	741.562	800.717 ()
15	LPE14.0	Entered	0.3376	0.477061	0.2385	11.938		16	742.817	805.555 ()
16	9-HODE/LA	Entered	0.4065	0.357689	0.2401	13.255		17	744.325	810.633 ()
17	Best	Specific	.	.	0.183	16.671		7	746.667	776.662 (x)
e3e4										
Step	Parameter	Action	Sig Prob	Seq SS	RSquare	Cp	p	AICc	BIC	
1	SC_Age	Entered	0	18.21808	0.0873	20.699		2	653.827	664.343 ()
2	19_20_DiHDPA	Entered	0.0002	10.27976	0.1365	8.091		3	641.801	655.79 ()
3	LPE16.0	Entered	0.0194	3.90577	0.1553	4.5405		4	638.317	655.761 ()
4	1_AG_2_AG	Entered	0.0428	2.886267	0.1691	2.4388		5	636.222	657.106 ()
5	17_18_DiHETE	Entered	0.3007	0.748793	0.1727	3.3747		6	637.238	661.544 ()
6	14_15_DiHETrE	Entered	0.3198	0.691998	0.176	4.3913		7	638.351	666.062 ()
7	19_20_DiHDPA/DHA	Entered	0.3612	0.582951	0.1788	5.5629		8	639.638	670.736 ()
8	FA18.1_w9	Entered	0.22	1.051112	0.1838	6.0692		9	640.243	674.711 ()
9	PGD3/EPA	Entered	0.4789	0.350334	0.1855	7.5713		10	641.906	679.726 ()
10	TLCA	Entered	0.5066	0.30898	0.187	9.1322		11	643.647	684.801 ()
11	ETAEA	Entered	0.7283	0.084769	0.1874	11.012		12	645.743	690.211 ()
12	GLCA/CDCA	Entered	0.9138	0.008269	0.1874	13		13	647.971	695.736 ()
13	Best	Specific	.	.	0.1553	4.5405		4	638.317	655.761 (x)
e4e4										
Step	Parameter	Action	Sig Prob	Seq SS	RSquare	Cp	p	AICc	BIC	
1	ResolvinE2	Entered	0.0015	5.608013	0.1265	42.627		2	171.924	178.626 ()
2	LTE4	Entered	0.0008	5.473274	0.2499	28.285		3	162.418	171.237 ()
3	Cortisol	Entered	0.0051	3.413658	0.3269	20.093		4	156.367	167.241 ()
4	LPI16.1	Entered	0.0288	1.930406	0.3705	16.329		5	153.572	166.435 ()
5	8_HDoHE	Entered	0.0206	2.041779	0.4165	12.233		6	150.145	164.928 ()
6	GDCA	Entered	0.0266	1.766117	0.4564	8.9595		7	147.194	163.827 ()
7	LPI18.2	Entered	0.1024	0.920363	0.4771	8.2115		8	146.765	165.172 ()
8	TDCA/TLCA	Entered	0.0809	1.023271	0.5002	7.1562		9	145.935	166.04 ()
9	LTB4	Entered	0.1629	0.639443	0.5146	7.247		10	146.409	168.129 ()
10	15-HETrE/DGLA	Entered	0.2414	0.446214	0.5247	7.9147		11	147.608	170.859 ()
11	LCA_3S	Entered	0.2006	0.528293	0.5366	8.3373		12	148.556	173.248 ()
12	5,6-DiHETrE/AA	Entered	0.183	0.56566	0.5494	8.6484		13	149.403	175.442 ()
13	20-HETE/AA	Entered	0.2239	0.467177	0.5599	9.2535		14	150.675	177.963 ()
14	GCDCA/CDCA	Entered	0.4253	0.200594	0.5644	10.655		15	153.077	181.511 ()
15	GCDCA	Entered	0.4052	0.219909	0.5694	11.998		16	155.501	184.973 ()
16	GDCA/GLCA	Entered	0.5634	0.106811	0.5718	13.679		17	158.49	188.885 ()
17	Best	Specific	.	.	0.4564	8.9595		7	147.194	163.827 (x)