

Supplementary Material 4 - Shown are Metabolite, Slope, its lower and upper confidence intervals (L95, U95), standard error, p-value of the slope (FDR) after correction for multiple testing during day 1 for the aware vs unaware comparative analysis

Metabolites	Slope	L95	U95	SE	p_value	FDR
2-Hydroxybutyric acid	-0.600996724	-1.199421609	-0.002571839	0.296735855	0.049066156	0.941148209
3-Hydroxybutyric acid	-0.235598975	-0.965693015	0.494495065	0.362025519	0.51865106	0.941148209
Alanine	0.063034974	-0.697830953	0.823900901	0.377284113	0.868093795	0.941148209
alpha-ketoglutaric acid	0.006617289	-0.69964432	0.712878898	0.350207934	0.985012024	0.989043208
Arachidonic acid	0.366474973	-0.882028644	1.614978589	0.619084864	0.556975623	0.941148209
Cholesterol	-0.005533136	-0.81337943	0.802313158	0.400579867	0.989043208	0.989043208
Citric acid	-0.273654359	-0.852906738	0.30559802	0.287228948	0.346047243	0.941148209
Fumaric acid	-0.450991361	-1.075272093	0.173289371	0.309556774	0.152409898	0.941148209
Glutamic acid	-0.401549174	-0.972988759	0.169890411	0.283354884	0.163651664	0.941148209
Glycine	0.017114968	-0.619807791	0.654037727	0.315825469	0.957033814	0.986034839
Isoleucine	0.359850266	-0.2789418	0.998642333	0.316752386	0.262222935	0.941148209
Leucine	0.504984049	-0.24277722	1.252745318	0.370786017	0.180313172	0.941148209
Linoleic acid	-0.121776444	-0.968829751	0.725276862	0.420021115	0.773263841	0.941148209
Malic acid	0.038510665	-0.678375676	0.755397005	0.355476329	0.914233609	0.956429006
Methionine	0.226313303	-0.49584209	0.948468697	0.35808905	0.530731089	0.941148209
Myo inositol	-0.236244544	-0.734487153	0.261998064	0.247059322	0.344303468	0.941148209
Oleic acid	0.070230509	-0.7072767	0.847737719	0.385535884	0.856310611	0.941148209
Palmitic acid	-0.057152059	-1.084095035	0.969790917	0.509221475	0.91116003	0.956429006
Phenylalanine	0.294029712	-0.540697243	1.128756667	0.413908952	0.481308095	0.941148209
Proline	0.13442713	-0.334456494	0.603310754	0.232501333	0.566159931	0.941148209
Serine	0.294718038	-0.672738274	1.262174351	0.479724329	0.542222026	0.941148209
Stearic acid	-0.272755493	-1.277819779	0.732308794	0.498372675	0.587007483	0.941148209
Succinic acid	-0.070801024	-0.918560616	0.776958569	0.420371335	0.86703871	0.941148209
Threonine	0.168253393	-0.843754889	1.180261675	0.501815935	0.739037366	0.941148209
Valine	0.131866581	-0.440778961	0.704512122	0.283952872	0.644706849	0.941148209
2,4-Dihydroxybutanoic acid	-0.198507519	-0.647744257	0.25072922	0.222759199	0.377818506	0.941148209
3,4-Dihydroxybutanoic acid	-0.156101008	-0.6599239	0.347721884	0.24982637	0.535379182	0.941148209

alpha-Tocopherol	0.098745691	-0.688176771	0.885668153	0.390204545	0.801426748	0.941148209
Glyceric acid	-0.290754202	-0.910009691	0.328501287	0.30706495	0.348990066	0.941148209
Lactic acid	0.207515733	-0.658656361	1.073687826	0.429501385	0.631436756	0.941148209
1,3-Propanediol	-0.13647949	-1.320608571	1.047649591	0.587164011	0.817300272	0.941148209
1-Dodecanol	-0.153836592	-1.668475119	1.360801935	0.751050918	0.838672661	0.941148209
2-(2-Butoxyethoxy)ethoxy	-0.212970188	-1.23360656	0.807666184	0.506094273	0.675988716	0.941148209
2,3-Dihydroxybutanoic acid	-0.330388981	-1.190093247	0.529315285	0.426294239	0.442565791	0.941148209
2-Aminobutyric acid	0.125043686	-0.735839157	0.985926528	0.426878649	0.770987996	0.941148209
2-Hydroxy-3-methylbutyric acid	-0.272287042	-0.874434108	0.329860025	0.298581542	0.36688727	0.941148209
2-Keto-3-methylbutanoic acid	-0.542074992	-1.485917957	0.401767973	0.46801538	0.253157993	0.941148209
2-Keto-3-methylpentanoic acid	0.385285028	-0.404115944	1.174686	0.391433542	0.330477977	0.941148209
3-Indoleacetic acid	0.210547114	-0.177875398	0.598969626	0.192603766	0.280409206	0.941148209
3-Indolepropionic acid	-0.424141336	-1.089344897	0.241062226	0.329848829	0.20537146	0.941148209
3-Phenylpropanoic acid	0.197217243	-0.604636194	0.99907068	0.39760824	0.622413994	0.941148209
4-Hydroxybutanoic acid	-0.21053719	-1.326454724	0.905380343	0.553340532	0.705459371	0.941148209
4-Hydroxyphenyllactic acid	0.100630128	-0.693192371	0.894452626	0.393626007	0.799440795	0.941148209
Aminomalonic acid	-0.390833035	-1.156441173	0.374775102	0.379635592	0.309003262	0.941148209
Arachidic acid	-1.206412287	-2.348155687	-0.064668887	0.566146584	0.038854337	0.941148209
Creatinine	0.153346934	-0.685352415	0.992046283	0.415878709	0.714138351	0.941148209
Decanoic acid	-0.534477534	-1.63921291	0.570257842	0.54779573	0.334676564	0.941148209
Doconexent	-0.21076844	-1.105930627	0.684393747	0.443876456	0.637306907	0.941148209
Dodecanoic acid	-0.262309249	-1.219650127	0.69503163	0.474708475	0.583419657	0.941148209
Ethanolamine	0.262036967	-0.761287063	1.285360998	0.507426979	0.608218454	0.941148209
Glycerol	-0.235057714	-1.215213293	0.745097865	0.486021406	0.631097685	0.941148209
Glycolic acid	-0.583825155	-2.223819819	1.056169508	0.813210198	0.476685224	0.941148209
Heptadecanoic acid	-0.335161821	-1.321037416	0.650713774	0.488857742	0.496644026	0.941148209
Hydroxylamine	-0.518778984	-1.634141628	0.59658366	0.553065383	0.353480065	0.941148209
Hydroxyproline	-0.132534283	-1.046838212	0.781769645	0.453368109	0.771438248	0.941148209
Isopropyl myristate	-0.333356407	-1.27457697	0.607864156	0.466715031	0.478925321	0.941148209
L-5-Oxoproline	0.102574614	-0.674610223	0.879759451	0.385376032	0.791382293	0.941148209

Nonanoic acid	-0.404300886	-1.727833648	0.919231876	0.656288928	0.541115006	0.941148209
Octanoic acid	-0.398895608	-1.403120295	0.605329079	0.49795635	0.427498105	0.941148209
Ornithine	-0.21541027	-1.140915549	0.710095009	0.458922427	0.641167544	0.941148209
Oxalic acid	-0.076725772	-1.030970879	0.877519334	0.473173401	0.871946135	0.941148209
Palmitoleic Acid	0.691261889	-0.050718278	1.433242055	0.367919391	0.067055827	0.941148209
Propanedioic acid	-0.071901362	-0.782535904	0.63873318	0.352376303	0.839279366	0.941148209
Pyroglutamic acid	-0.381303551	-0.982328236	0.219721133	0.298024996	0.207604818	0.941148209
Ribonic acid	-0.485146176	-1.322776133	0.352483781	0.415348439	0.249223785	0.941148209
Tetradecanoic acid	0.220824909	-0.53875733	0.980407149	0.376647581	0.560745561	0.941148209
Tryptophan	0.454612116	-0.508567342	1.417791573	0.477603602	0.346487664	0.941148209
Tyrosine	0.147915384	-0.533656431	0.829487198	0.337965216	0.663820057	0.941148209