

Supplementary Material 3 - 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 2 for all participants

Metabolites	Slope	L95	U95	SE	p_value	FDR
Leucine	-0.618731499	-0.888922408	-0.348540591	0.133788278	3.72E-05	0.001879456
Valine	-0.518446487	-0.751173925	-0.285719048	0.11523779	5.53E-05	0.001879456
Tetradecanoic acid	0.630581446	0.289317484	0.971845409	0.168980955	0.000577607	0.013092415
Oleic acid	0.504221577	0.217845194	0.790597961	0.14180271	0.000966899	0.016437291
Isoleucine	-0.59507629	-0.971364019	-0.218788561	0.186323395	0.002698741	0.026216336
Methionine	-0.621324122	-1.007739097	-0.234909147	0.191338022	0.002326312	0.026216336
Phenylalanine	-0.651931933	-1.056841043	-0.247022823	0.200495616	0.002298311	0.026216336
Palmitic acid	0.520789175	0.087295313	0.954283037	0.214649699	0.019741346	0.167801444
Doconexent	0.526597489	0.056229783	0.996965196	0.232908227	0.029133561	0.176715484
Dodecanoic acid	0.339716692	0.039725842	0.639707541	0.148544077	0.027430638	0.176715484
Octanoic acid	0.590304548	0.056040115	1.124568981	0.264547459	0.031185085	0.176715484
Propanedioic acid	0.469347489	0.052535719	0.886159258	0.206389361	0.02826299	0.176715484
Stearic acid	0.422387233	0.011743582	0.833030883	0.203335142	0.044078786	0.214096962
Lactic acid	0.43600657	0.014055739	0.857957401	0.208934029	0.043164164	0.214096962
Linoleic acid	0.350772626	0.002934021	0.69861123	0.172236468	0.048185463	0.218440764
Heptadecanoic acid	0.40750398	-0.010487069	0.825495028	0.206973295	0.055752367	0.236947559
Alanine	-0.216441823	-0.46338444	0.030500793	0.122276606	0.084146633	0.250260117
Proline	-0.214135495	-0.446535566	0.018264577	0.11507569	0.069950917	0.250260117
4-Dihydroxybutanoic acid	0.152469355	-0.018297831	0.323236541	0.084557426	0.078718044	0.250260117
alpha-Tocopherol	0.376394491	-0.052681922	0.805470904	0.212462346	0.083896599	0.250260117
Isopropyl myristate	0.534208246	-0.076298899	1.14471539	0.302299955	0.084646804	0.250260117
Ornithine	-0.400130821	-0.840104168	0.039842525	0.217858094	0.073517539	0.250260117
Tyrosine	-0.292587369	-0.60450735	0.019332611	0.15445093	0.065244295	0.250260117
4-Hydroxyphenyllactic acid	-0.227599602	-0.496503576	0.041304372	0.133151037	0.094949059	0.266712297
Palmitoleic Acid	0.271629082	-0.052405117	0.59566328	0.16044943	0.098055992	0.266712297
2-Hydroxy-3-methylbutyric acid	-0.242134181	-0.535884572	0.05161621	0.145454039	0.103602074	0.270959269
3-Indoleacetic acid	-0.206243826	-0.465259279	0.052771627	0.128254617	0.115492011	0.280480598

Arachidic acid	0.686799814	-0.168445654	1.542045282	0.423485079	0.112516457	0.280480598
Glyceric acid	0.23523097	-0.077965892	0.548427831	0.155083193	0.136989143	0.321215921
Serine	-0.289546642	-0.692077207	0.112983924	0.199317851	0.153921375	0.348888449
Ethanolamine	-0.259394028	-0.624820504	0.106032448	0.180945315	0.159283462	0.349395981
Threonine	-0.305904377	-0.757283652	0.145474897	0.223505876	0.178557339	0.379434346
3-Dihydroxybutanoic acid	0.489743699	-0.277823487	1.257310884	0.380070123	0.204774637	0.421959859
L-5-Oxoproline	-0.31239599	-0.809147328	0.184355348	0.245972399	0.211229389	0.422458778
2-Aminobutyric acid	-0.214233785	-0.60555345	0.177085881	0.193766639	0.275333367	0.534933398
3-Hydroxybutyric acid	0.128466199	-0.145019044	0.401951442	0.135419507	0.348355269	0.640220495
2-Keto-3-methylbutanoic acid	0.205648792	-0.229567412	0.640864996	0.215502538	0.345536927	0.640220495
Nonanoic acid	0.273323829	-0.329635594	0.876283252	0.29856261	0.36530037	0.6536954
alpha-ketoglutaric acid	0.114650085	-0.176005986	0.405306155	0.143921849	0.430264422	0.696618588
Arachidonic acid	0.182002116	-0.276266979	0.640271211	0.226917454	0.427141035	0.696618588
4-Dihydroxybutanoic acid	0.144256827	-0.199147561	0.487661215	0.170040813	0.401160186	0.696618588
Hydroxyproline	-0.131007239	-0.456732549	0.194718072	0.161286805	0.421332251	0.696618588
Fumaric acid	0.23278726	-0.404127668	0.869702188	0.315376087	0.464642111	0.724112493
Tryptophan	-0.190062709	-0.71468395	0.334558531	0.259772517	0.468543378	0.724112493
3-Propanediol	-0.22255273	-0.87199424	0.42688878	0.321578774	0.492798809	0.744673756
Malic acid	-0.122237963	-0.499405272	0.254929346	0.186758929	0.516430204	0.763418562
Myo inositol	-0.066295499	-0.28010706	0.147516063	0.105871366	0.534661789	0.773553226
Glutamic acid	-0.062513794	-0.303156443	0.178128854	0.119157102	0.602663373	0.82181941
Glycine	-0.077005199	-0.395963581	0.241953182	0.157936079	0.628450137	0.82181941
3-Phenylpropanoic acid	-0.084162529	-0.408685256	0.240360199	0.160691331	0.603270341	0.82181941
Aminomalonic acid	0.111024915	-0.327292006	0.549341835	0.217037895	0.611712833	0.82181941
Glycolic acid	0.09679963	-0.295195892	0.488795151	0.194101297	0.620651143	0.82181941
2-Hydroxybutyric acid	0.066717115	-0.265675498	0.399109727	0.1645882	0.687322026	0.865516626
Creatinine	-0.104556412	-0.611534647	0.402421823	0.25103637	0.6792173	0.865516626
3-Indolepropionic acid	-0.026451743	-0.178160951	0.125257466	0.075120639	0.726549199	0.882238313
Ribonic acid	0.080613476	-0.374026557	0.535253509	0.22512048	0.722112799	0.882238313
Citric acid	0.049950937	-0.301110032	0.401011907	0.173832061	0.775290436	0.893555079

1-Dodecanol	-0.039610366	-0.311324902	0.23210417	0.13454272	0.769932134	0.893555079
2-(2-Butoxyethoxy)ethoxy	0.081083676	-0.470985523	0.633152876	0.273363704	0.768258171	0.893555079
Cholesterol	-0.019168301	-0.426939487	0.388602884	0.201912807	0.924830068	0.924830068
Succinic acid	0.035025039	-0.393590795	0.463640873	0.212234285	0.869731318	0.924830068
2-Keto-3-methylpentanoic acid	0.025858851	-0.467745869	0.519463571	0.244414314	0.91625758	0.924830068
4-Hydroxybutanoic acid	0.039490475	-0.481514993	0.560495944	0.257982124	0.879090454	0.924830068
Decanoic acid	0.049050694	-0.496741848	0.594843235	0.270255741	0.856871553	0.924830068
Glycerol	0.064965504	-0.72832279	0.858253797	0.392806239	0.869451278	0.924830068
Hydroxylamine	0.058869021	-0.592428821	0.710166862	0.322497959	0.856057994	0.924830068
Oxalic acid	0.026869763	-0.444795678	0.498535204	0.233550816	0.90896798	0.924830068
Pyroglutamic acid	0.030345059	-0.516818037	0.577508154	0.270934387	0.911368769	0.924830068