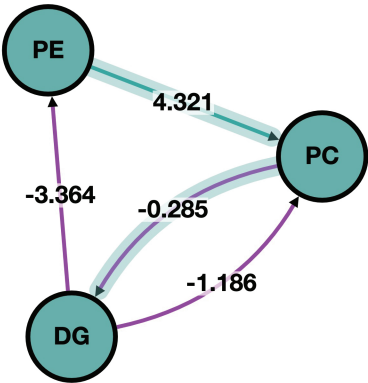
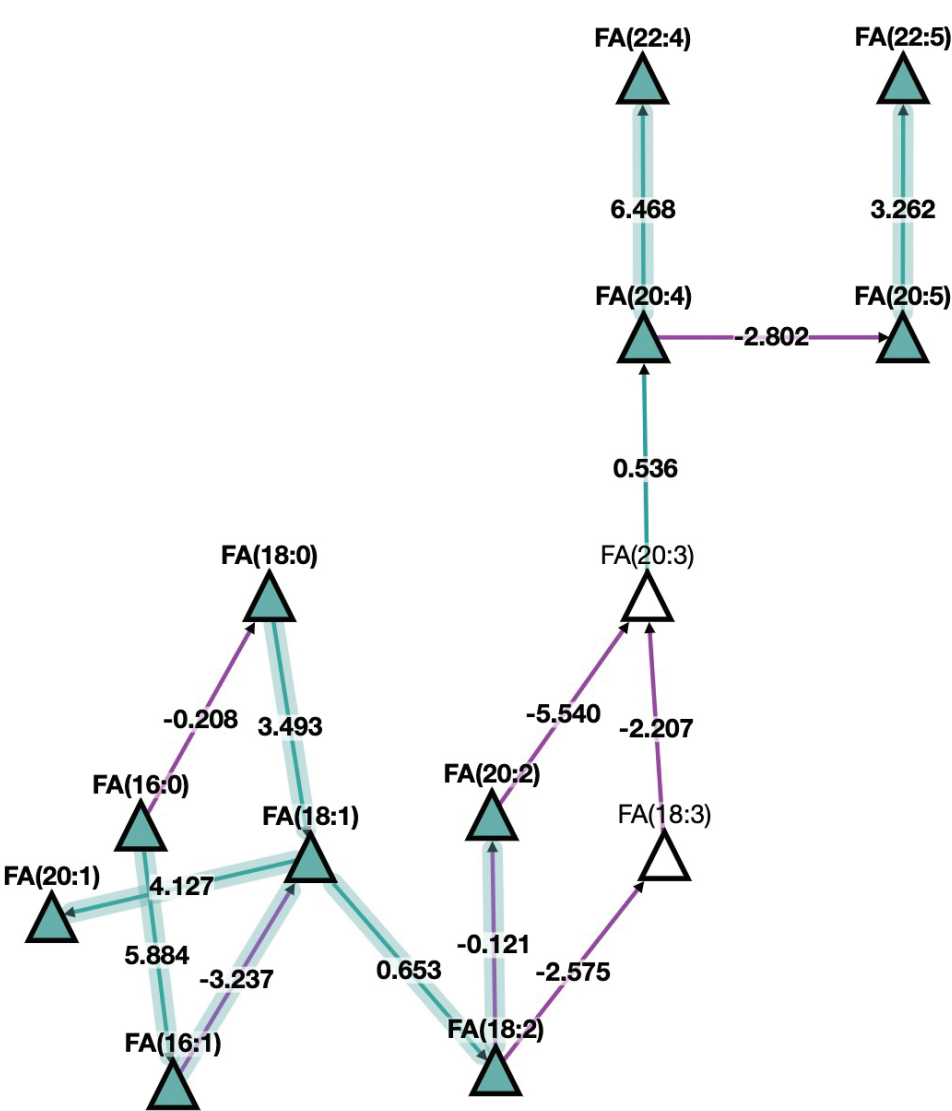


The most active and suppressed reactions among lipid classes and FA species between MAFLD and OB-MAFLD.

A



B



The most active and suppressed reaction chains and predicted genes in the FA species between MAFLD and OB-MAFLD.

The most active reaction chains (MAFLD vs OB-MAFLD)	Z-score	Predicted genes
FA(20:4)->FA(20:5)	2.802	FADS1
FA(16:1)->FA(18:1)->FA(18:2)->FA(18:3)->FA(20:3)->FA(20:4)->FA(20:5)->FA(22:5)	2.408	ELOVL5, ELOVL6, FADS2, FADS2, ELOVL5, ELOVL7, FADS1, FADS1, ELOVL5, ELOVL2
FA(20:2)->FA(20:3)->FA(20:4)->FA(20:5)->FA(22:5)	2.272	FADS1, FADS1, FADS1, ELOVL5, ELOVL2
FA(18:3)->FA(20:3)	2.207	ELOVL5, ELOVL7
FA(18:2)->FA(18:3)->FA(20:3)->FA(20:4)->FA(20:5)->FA(22:5)	1.693	FADS2, ELOVL5, ELOVL7, FADS1, FADS1, ELOVL5, ELOVL2
The most suppressed reaction chains (MAFLD vs OB-MAFLD)	Z-score	Predicted genes
FA(20:4)->FA(22:4)	6.468	ELOVL5, ELOVL2
FA(18:1)->FA(20:1)	4.127	ELOVL3
FA(20:5)->FA(22:5)	3.262	ELOVL5, ELOVL2
FA(18:0)->FA(18:1)->FA(18:2)->FA(20:2)	2.324	SCD1, FADS2, ELOVL5
FA(16:0)->FA(16:1)->FA(18:1)->FA(18:2)	1.905	SCD3, ELOVL5, ELOVL6, FADS2

Nodes shape

Glycerolipids and Glycerophospholipids

Sphingolipids

Fatty acids

Nodes color

No status

Active/supressed status

Edges color

Negative Z-score

Positive Z-score

Negative Z-score implied in an active/supressed status

Positive Z-score implied in an active/supressed status