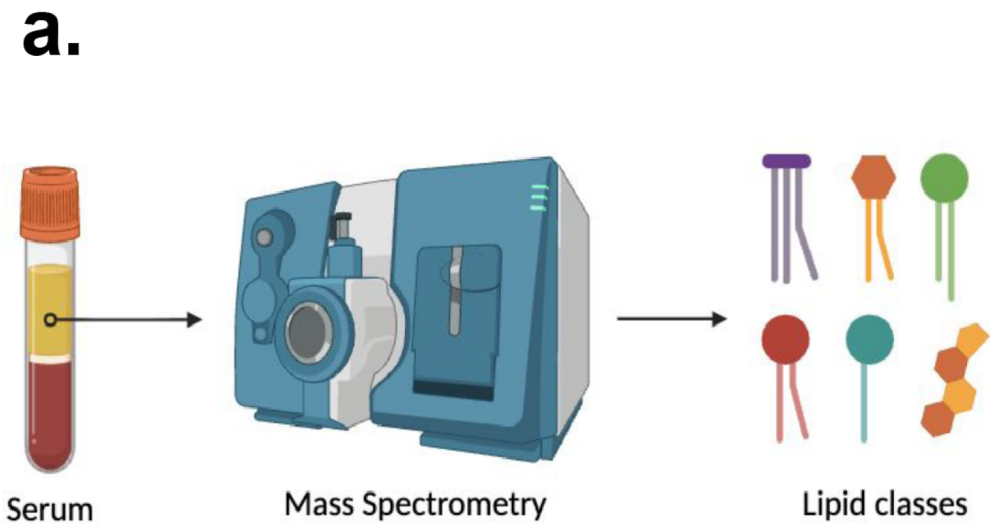


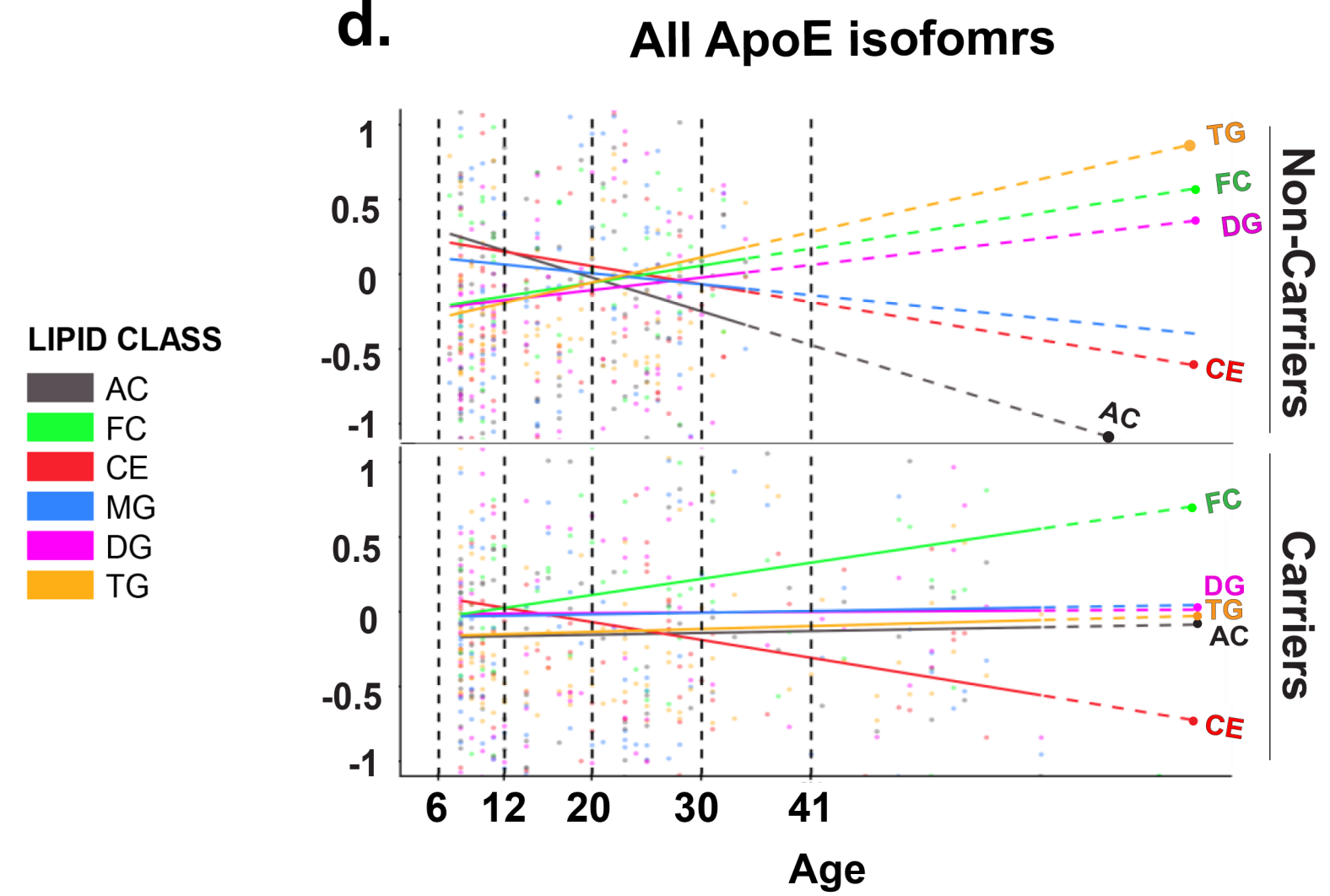
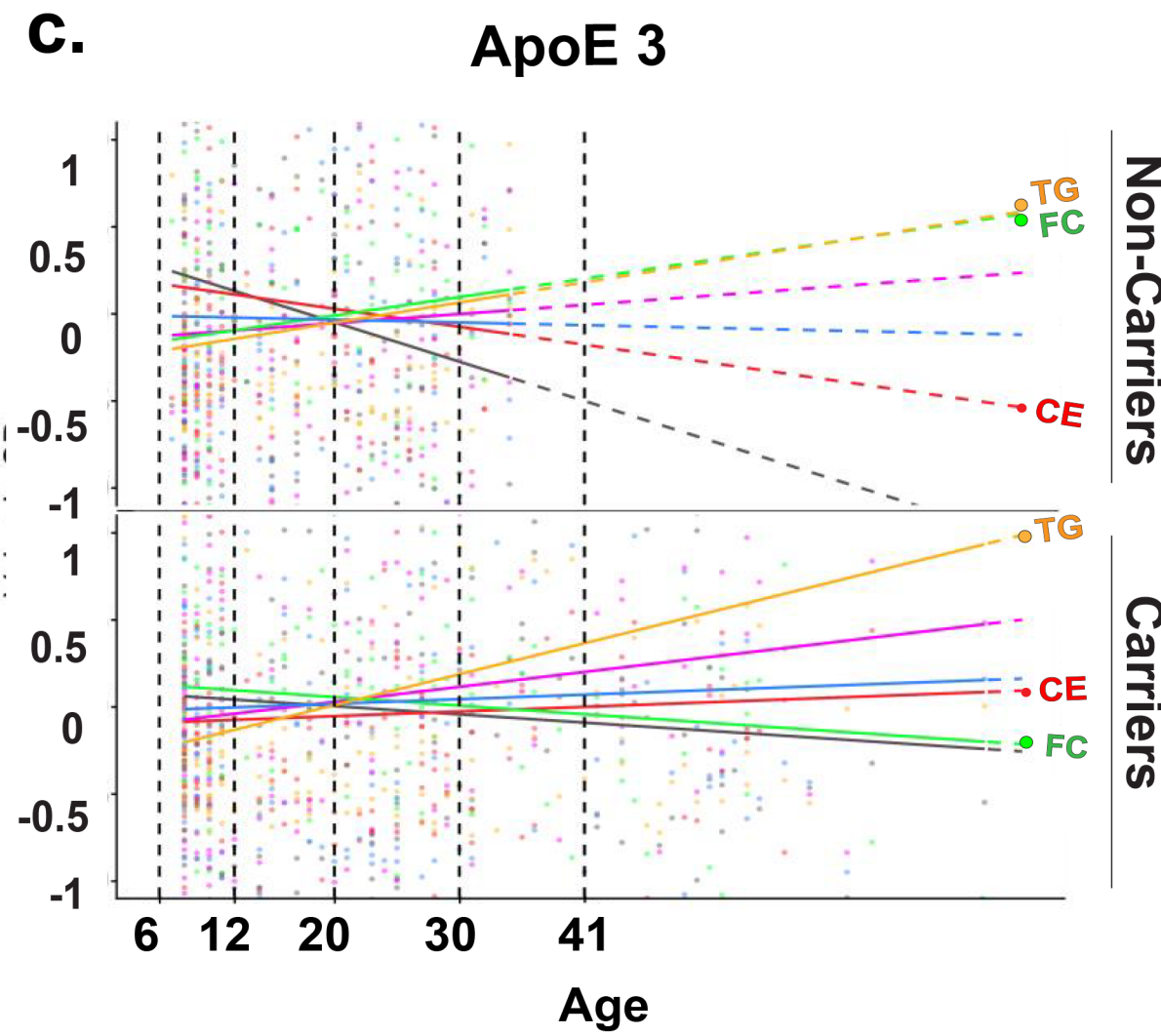
Figure 1

NEUTRAL LIPIDS

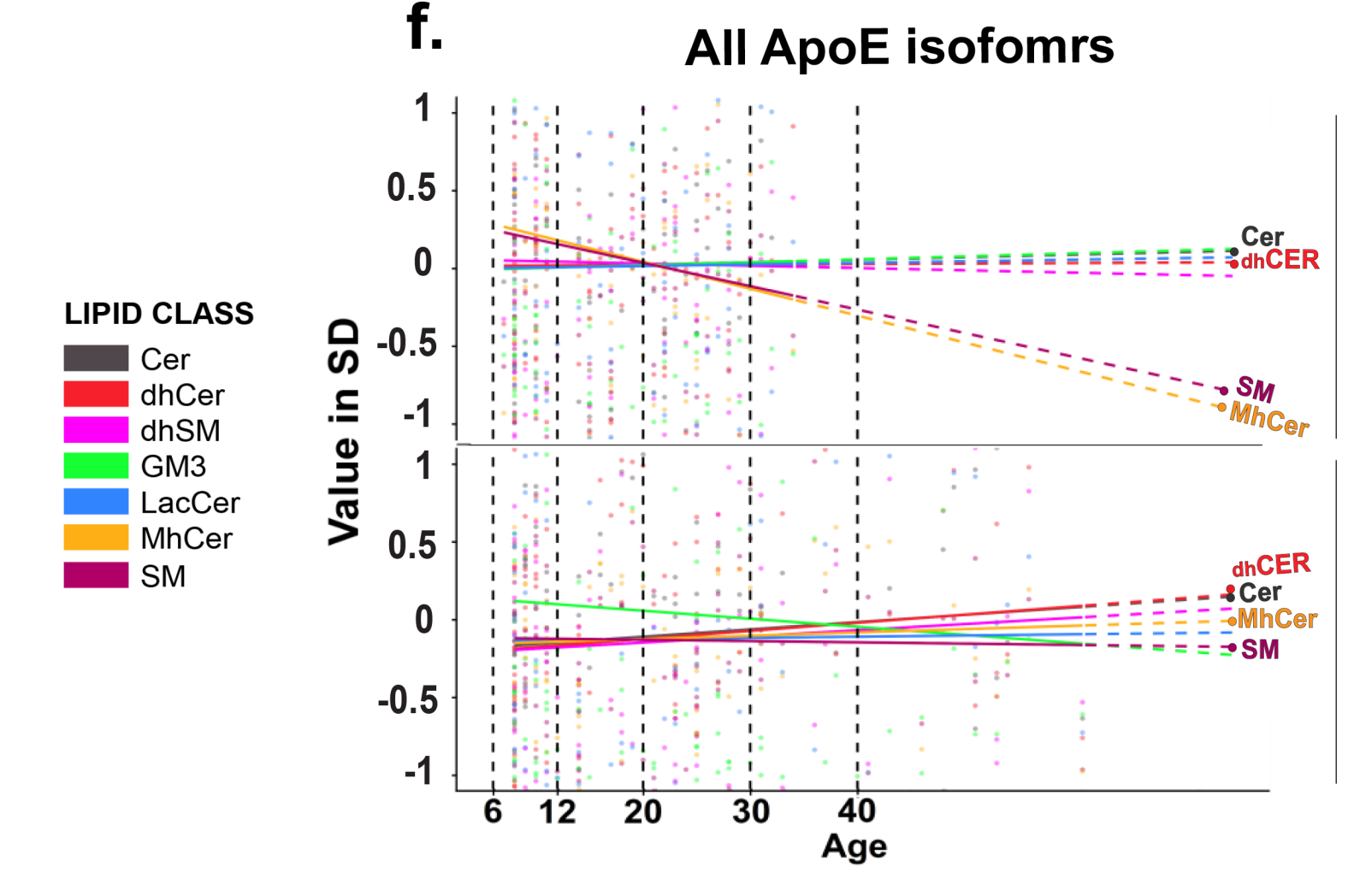
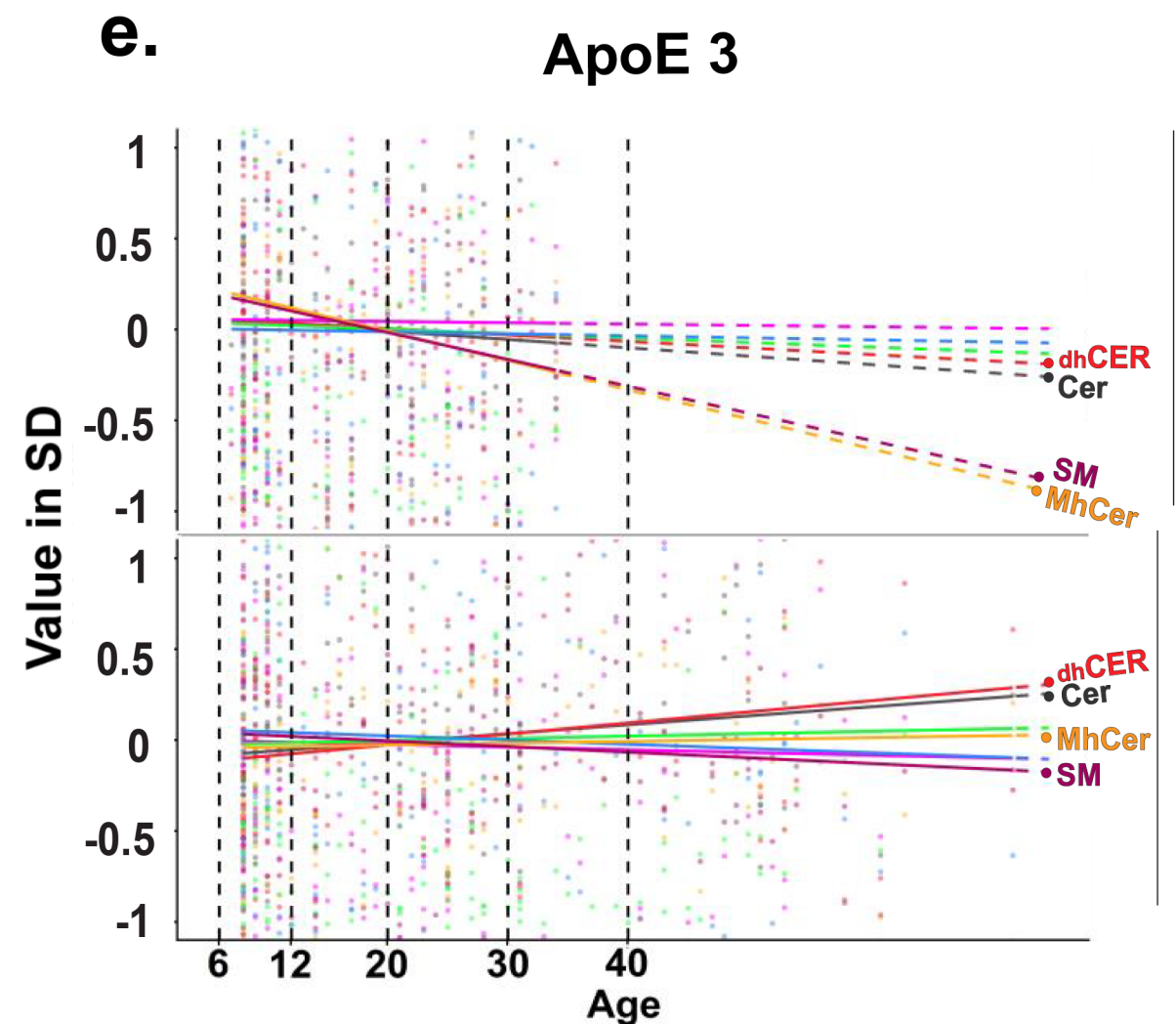


b.

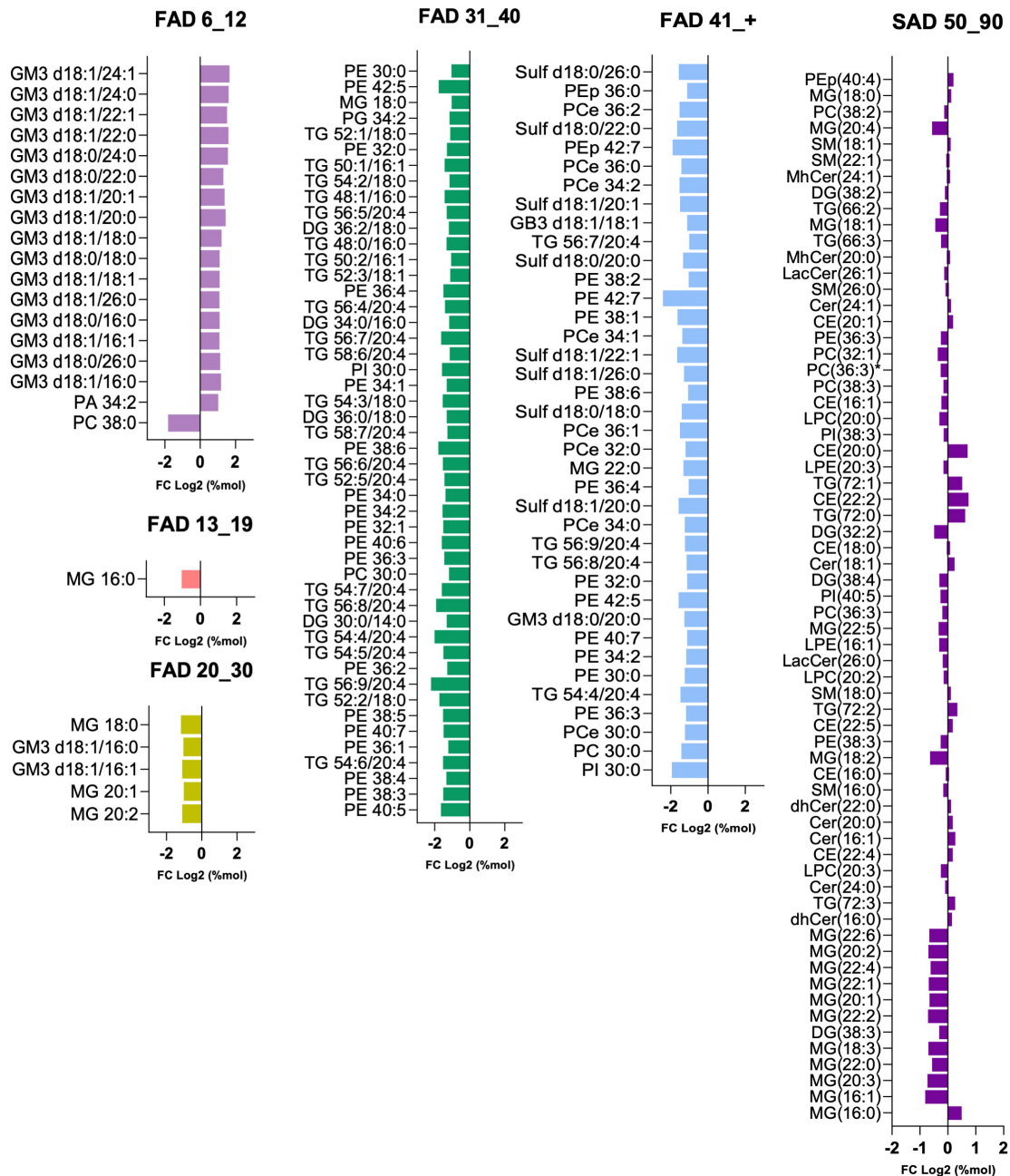
NEUTRAL LIPIDS	
Cholesterol-related lipids	
Free cholesterol	FC
Cholesteryl ester	CE
Acyl-CoA derivatives	
Acyl-CoA	AC
Glycerolipids	
Monoacylglycerols	MG
Diacylglycerols	DG
Triacylglycerols	TG
Glycerophospholipids	
Phosphatidic acid	PA
Phosphatidylglycerol	PG
Phosphatidylinositol	PI
Phosphatidylserine	PS
Phosphatidylethanolamine	PE
Phosphatidylcholine	PC
Bis(monoacylglycerol)phosphate	BMP
Acyl-phosphatidylglycerol	AcylIPG
N-acyl-phosphatidylethanolamine	NAPE
N-acyl-phosphatidylserine	NAPS
Plasmalogens	
Plasmenyl-PE (PE plasmalogen)	PEp
Plasmenyl-PC (PC plasmalogen)	PCe
Lysophospholipids	
Lysophosphatidylserine	LPS
Lysophosphatidylinositol	LPI
Lysophosphatidylethanolamine	LPE
Lysophosphatidylcholine	LPC
Lysoplasmalogen-PE	LPEp
Lysoplasmalogen-PC	LPCe
Sphingolipids	
Ceramide	Cer
Dihydroceramide	dhCer
Sphingomyelin	SM
Dihydrosphingomyelin	dhSM
Monohexosylceramide	MhCer
Lactosylceramide	LacCer
GM3 ganglioside	GM3



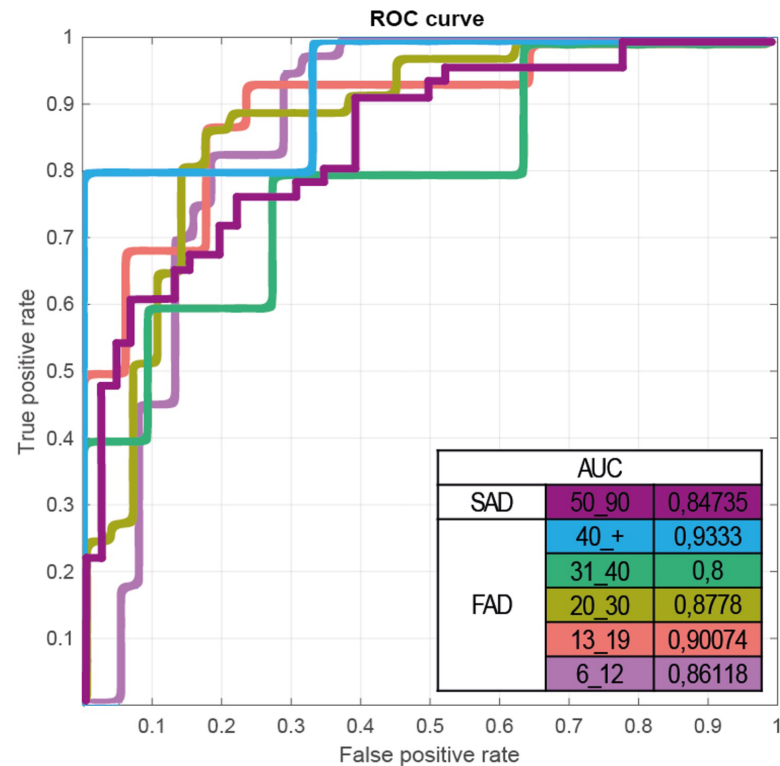
SPHINGOLIPIDS

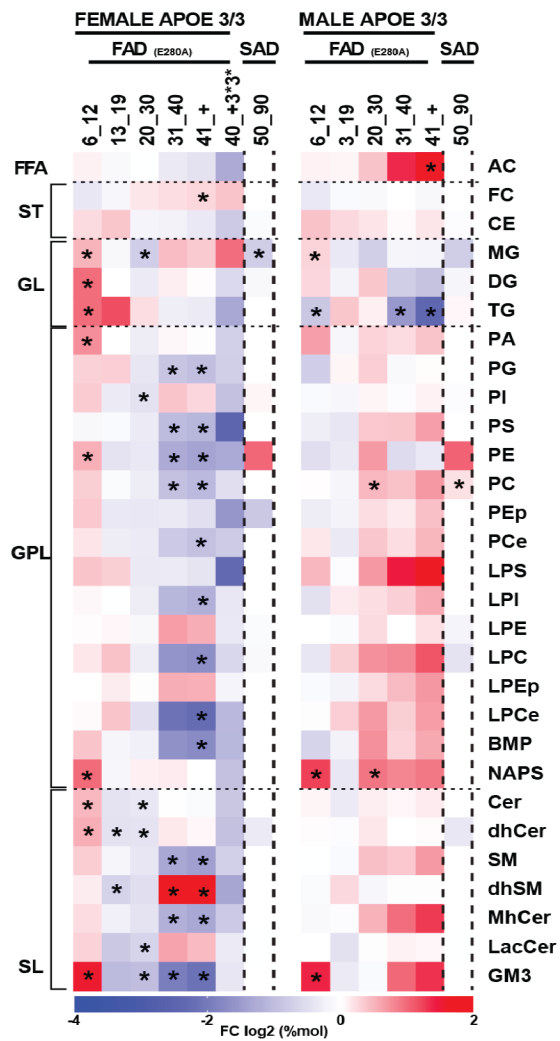
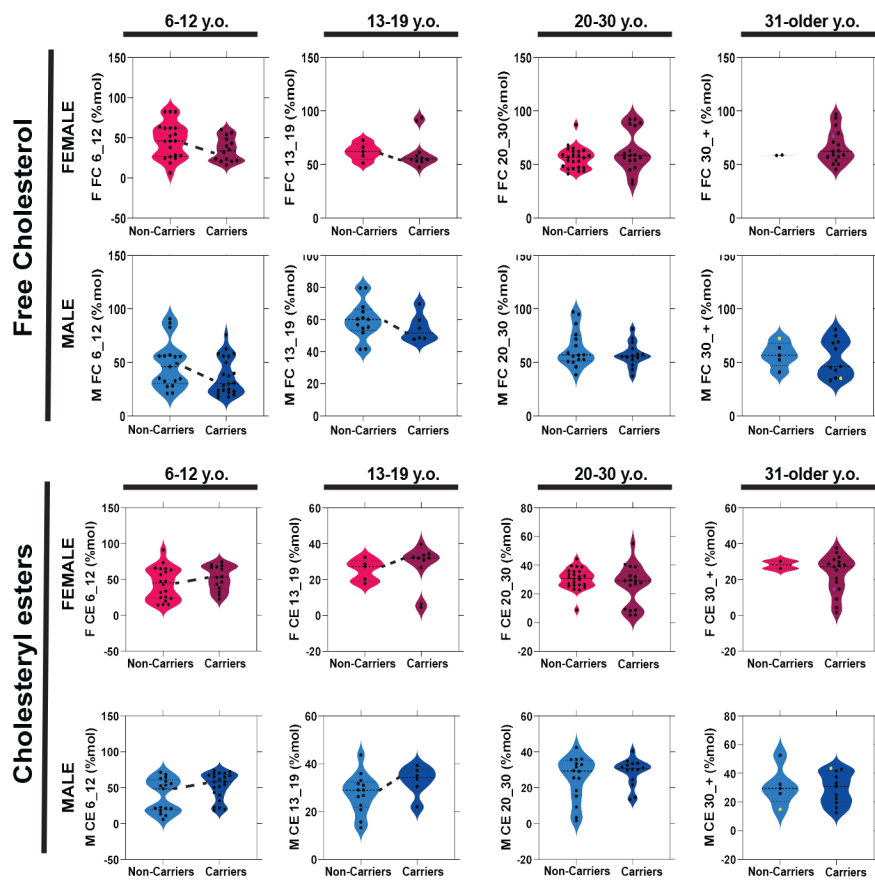
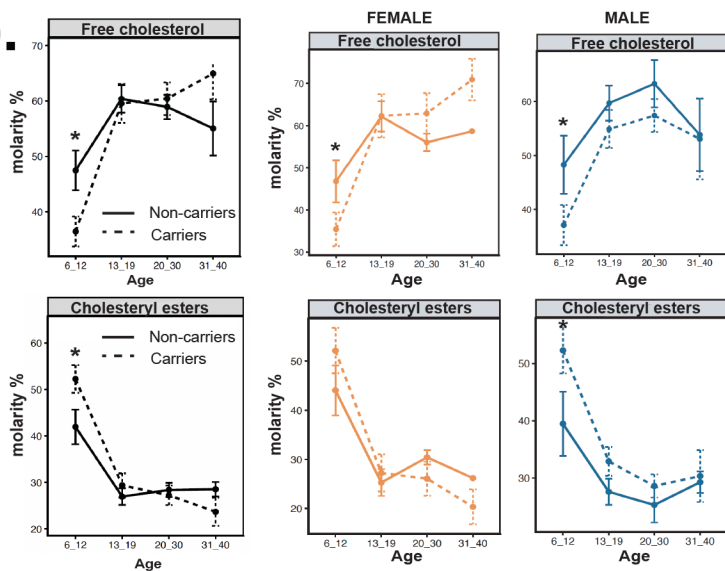
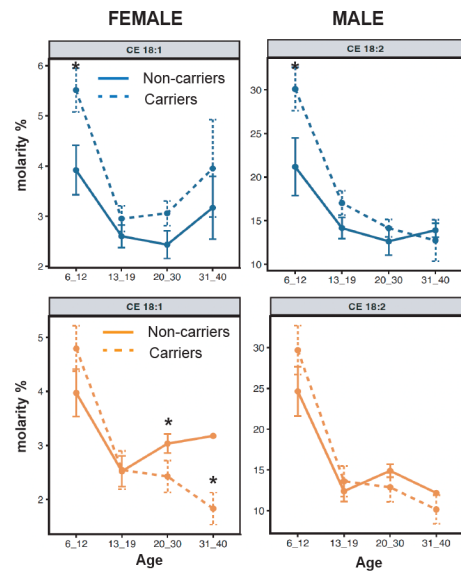


a.

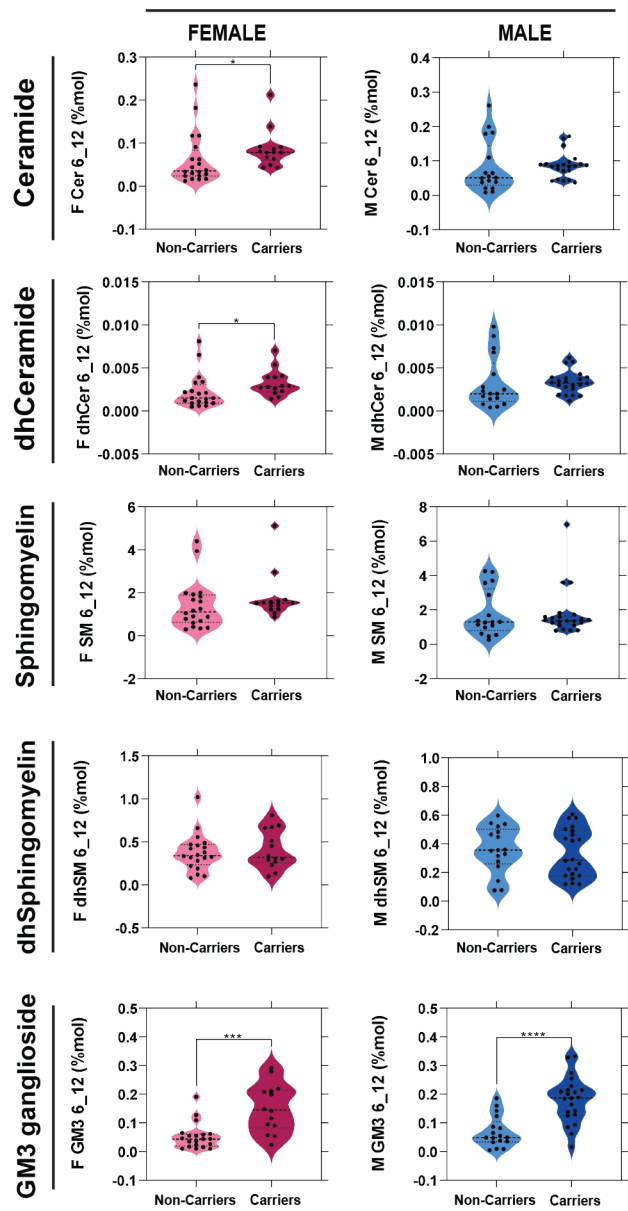


b.

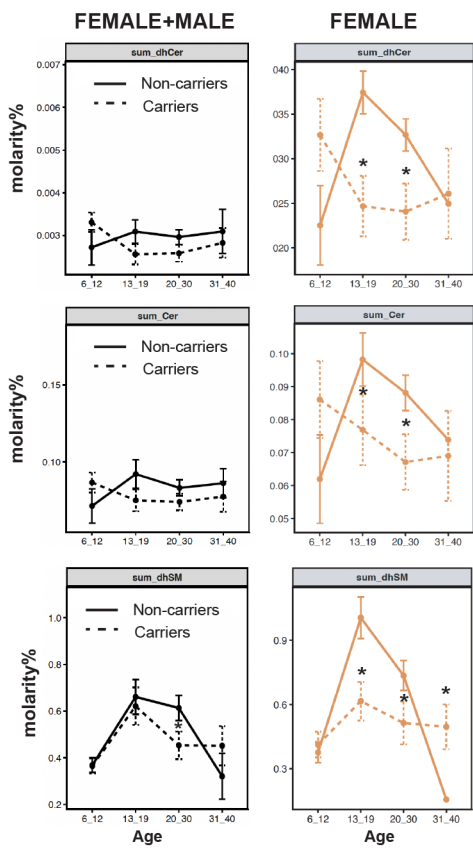


a.**ApoE 3****c.****b.****d.**

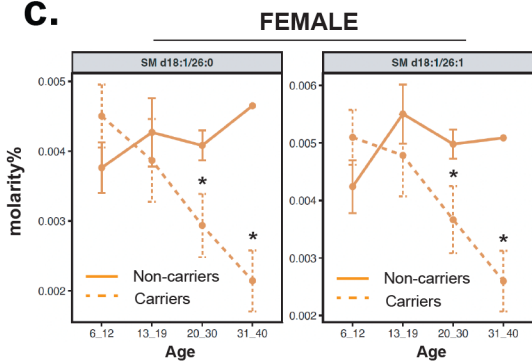
a. Children 6-12 y.o.



b.

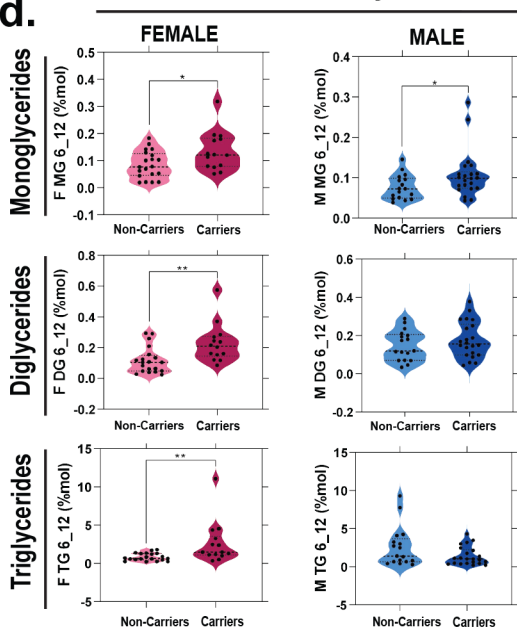


c.



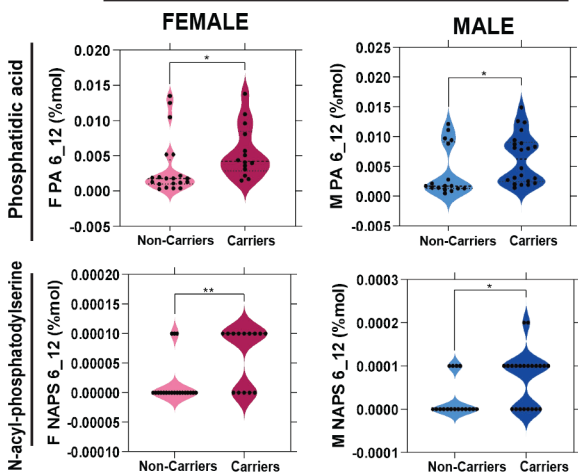
d.

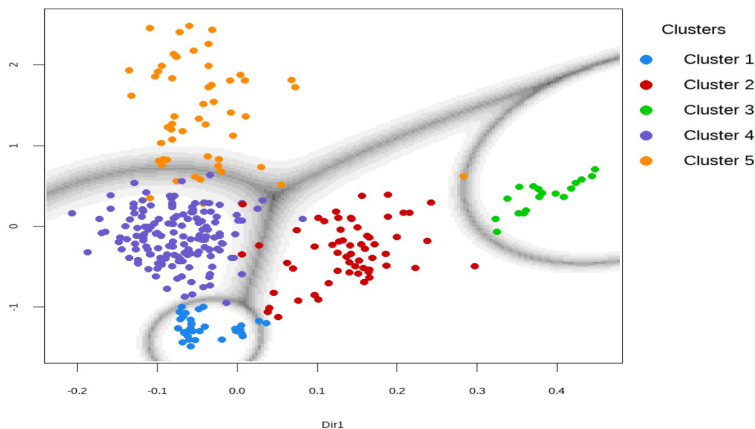
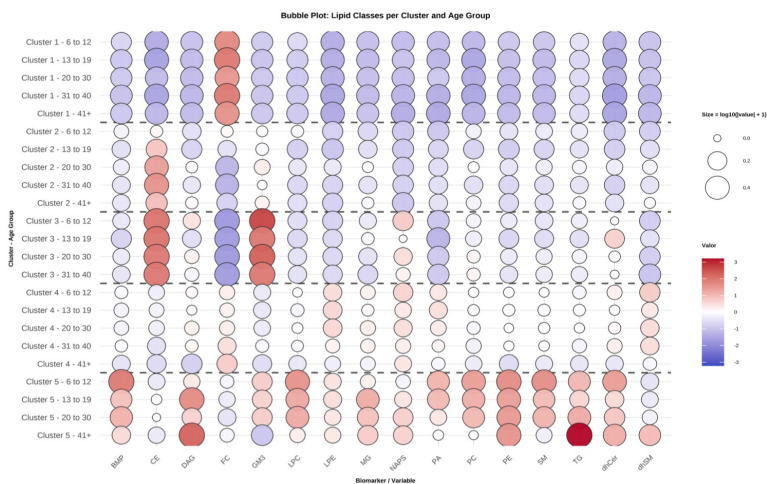
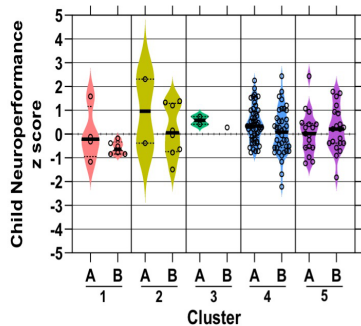
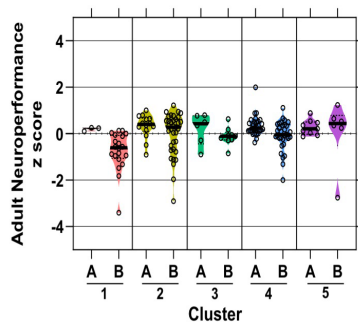
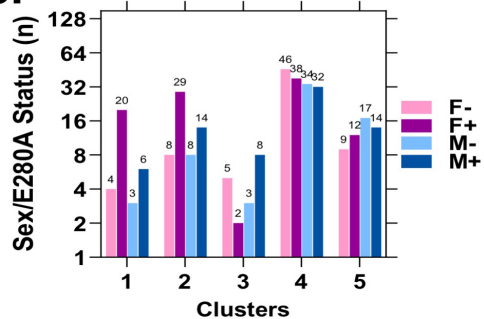
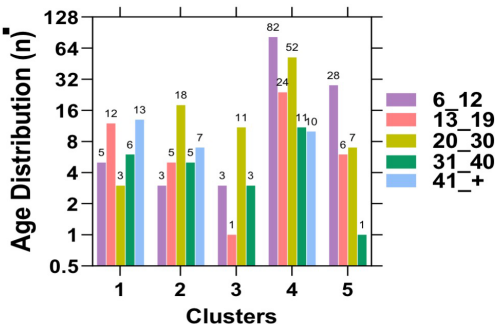
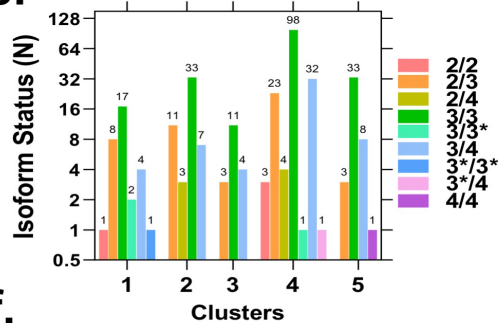
Children 6-12 y.o.



e.

Children 6-12 y.o.



a.**b.****g.****h.****c.****d.****e.****f.**