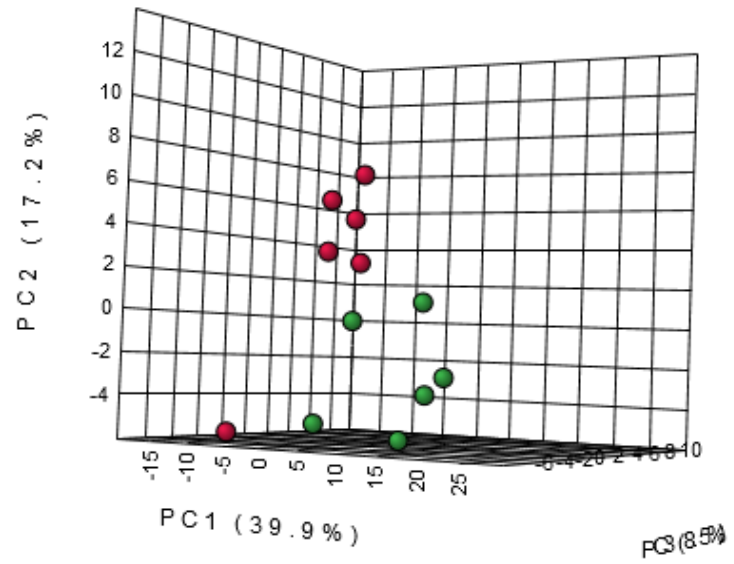


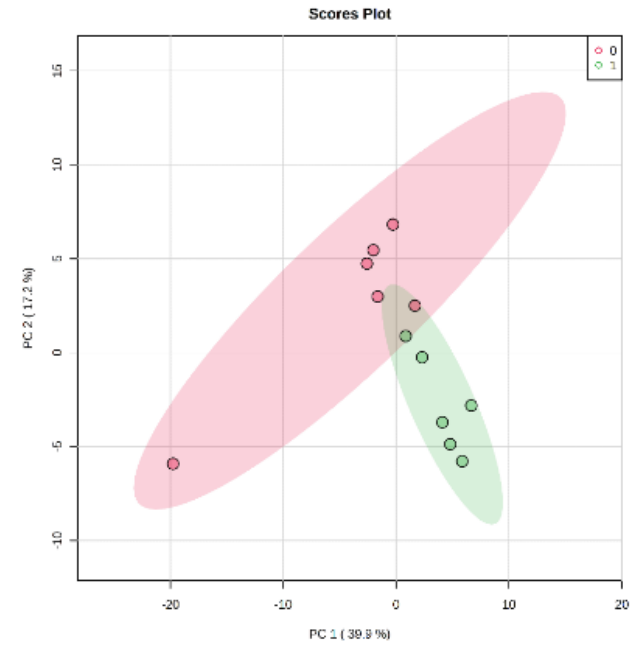
Supplementary Fig.S1 - : PCA plot, score plot, significant metabolites, PLS-DA and Biomarker analysis of control and POAG patients. All the figures in Supplementary Fig.S1 was generated using MetaboAnalyst 5.0 (Version-5.0; URL link: <https://www.metaboanalyst.ca/>).

Elevated Dimethylarginine, ATP, cytokines, metabolic remodeling involving tryptophan metabolism and potential microglial inflammation characterize Primary Open Angle Glaucoma

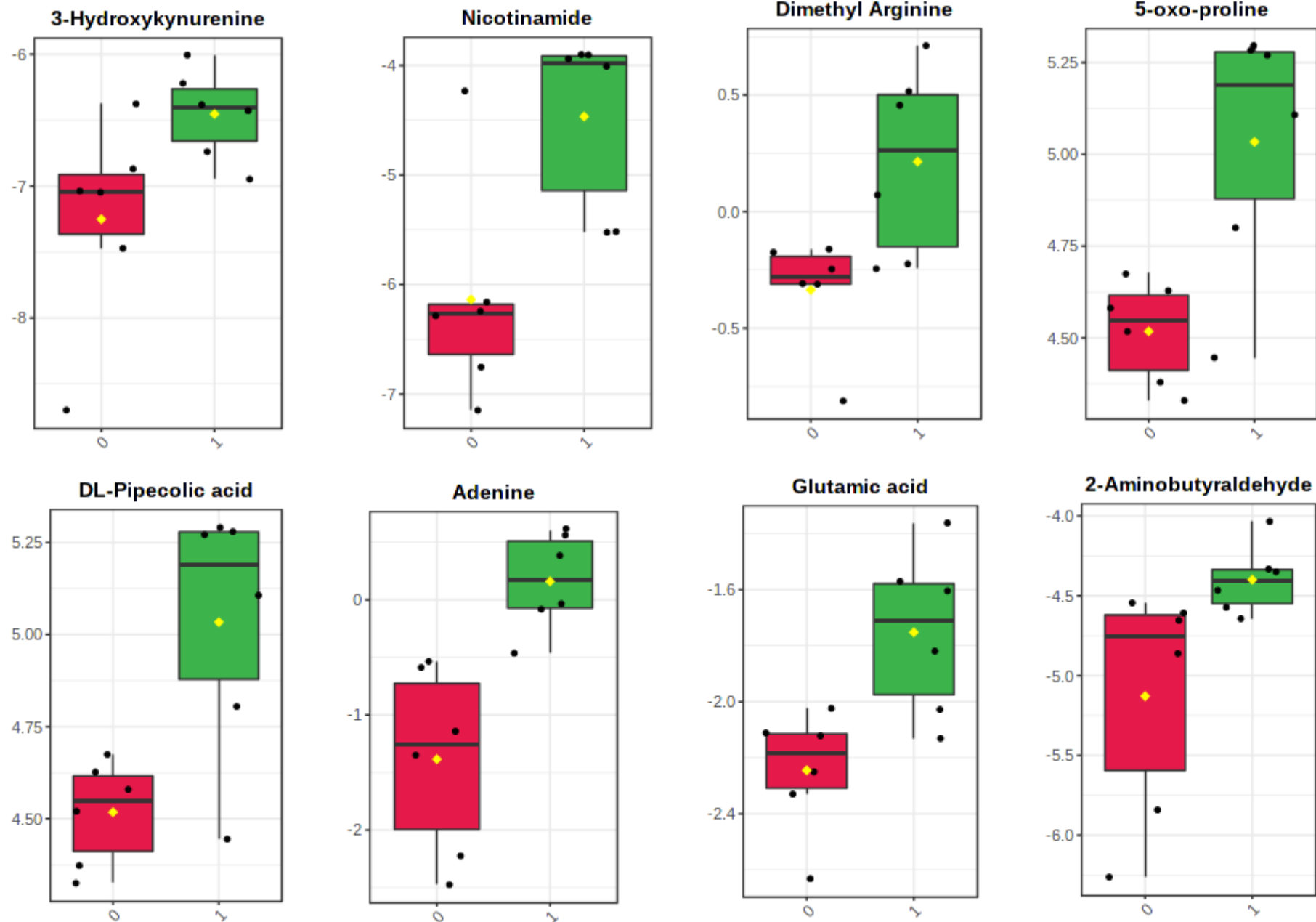
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Supplementary Fig.S1: PCA plot of the control (red color) and POAG patient cohort (green color)

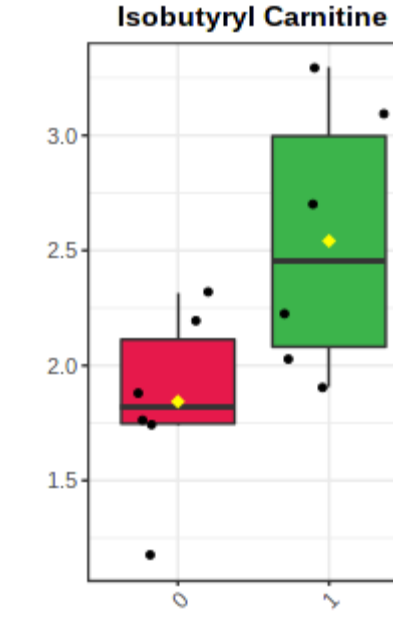
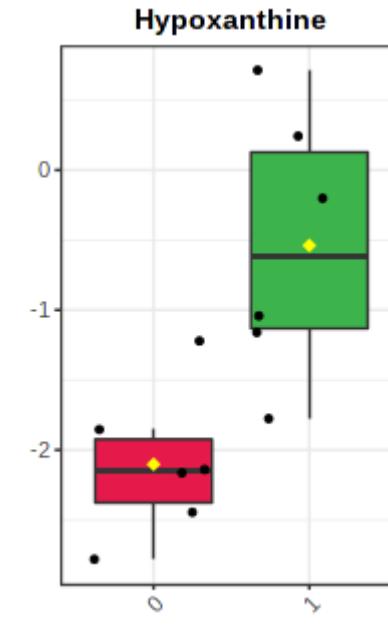
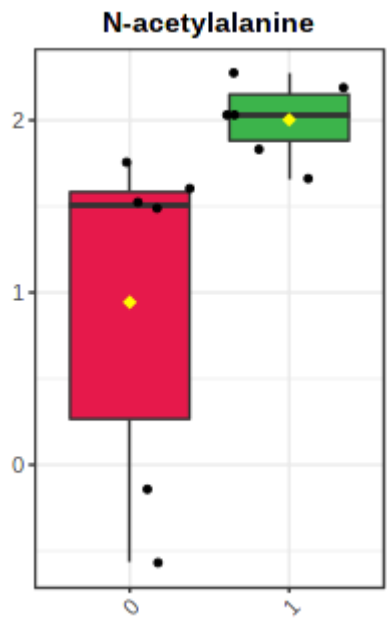
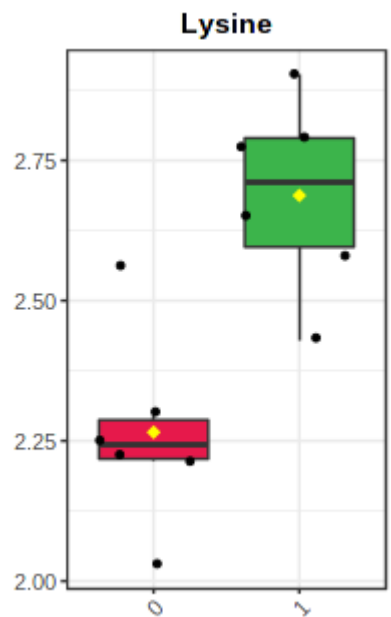
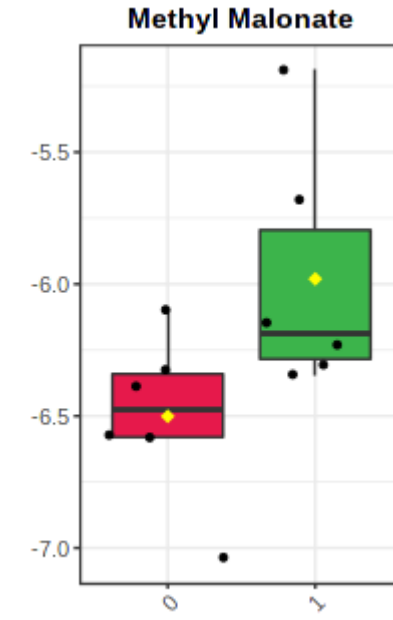
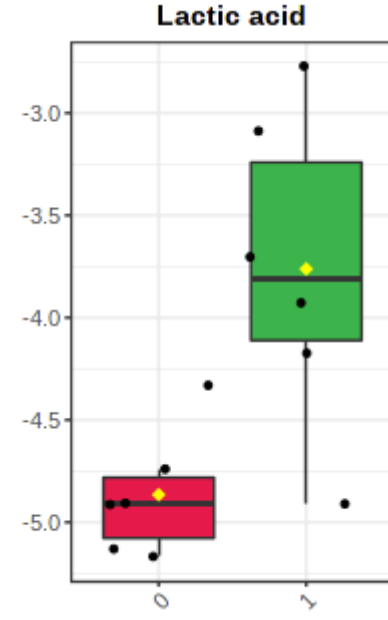
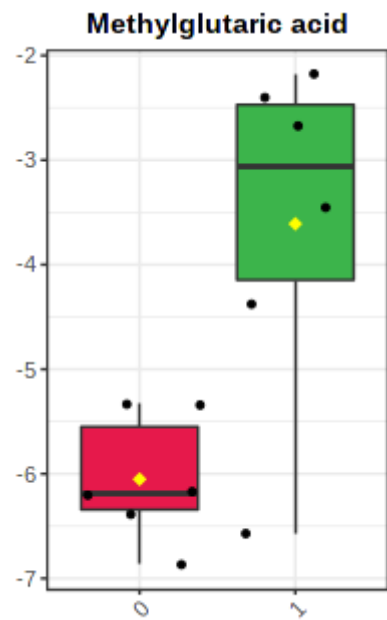
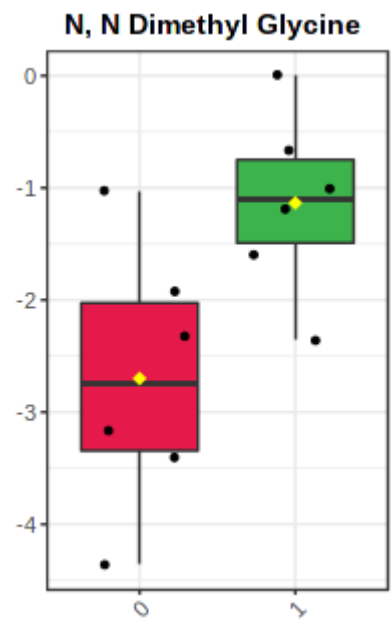


Supplementary Fig.S1: showing score plot of the control group and POAG patient cohort



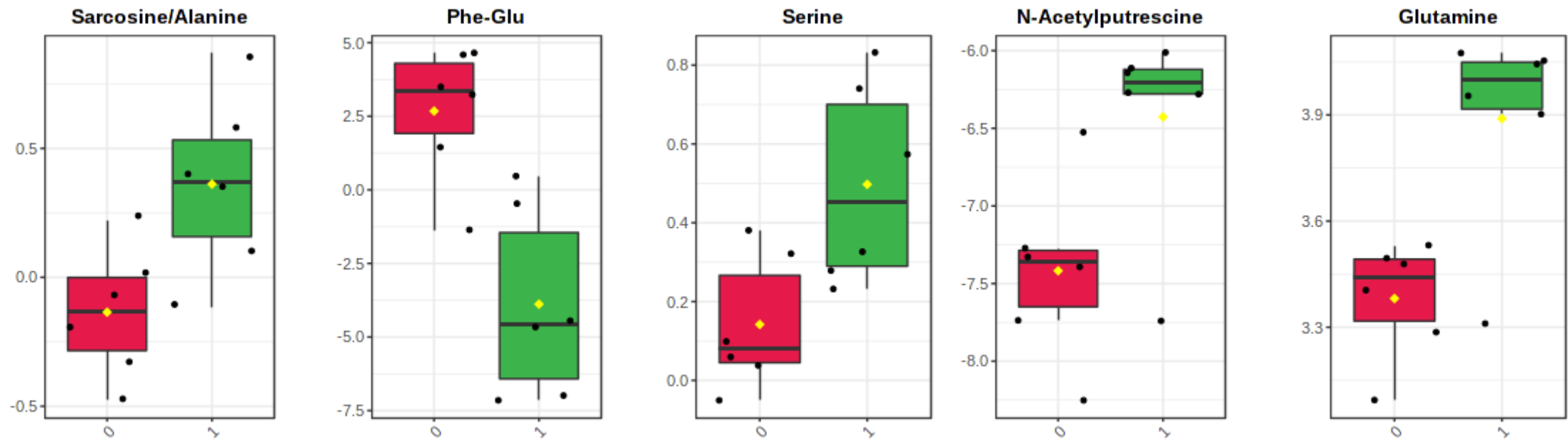
0- Control
1- POAG

Supplementary Fig.S1: showing 21 significant differential metabolites in the aqueous humor of POAG patients compared to cataract controls.



0- Control
1- POAG

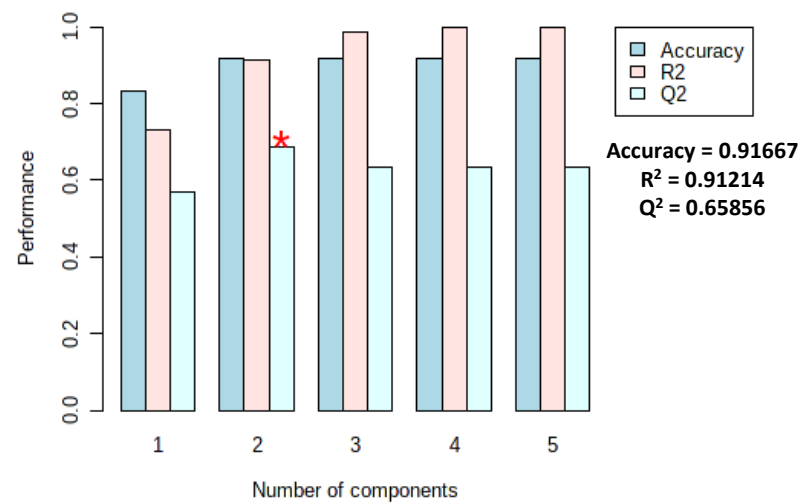
Supplementary Fig.S1: showing 21 significant differential metabolites in the aqueous humor of POAG patients compared to cataract controls.



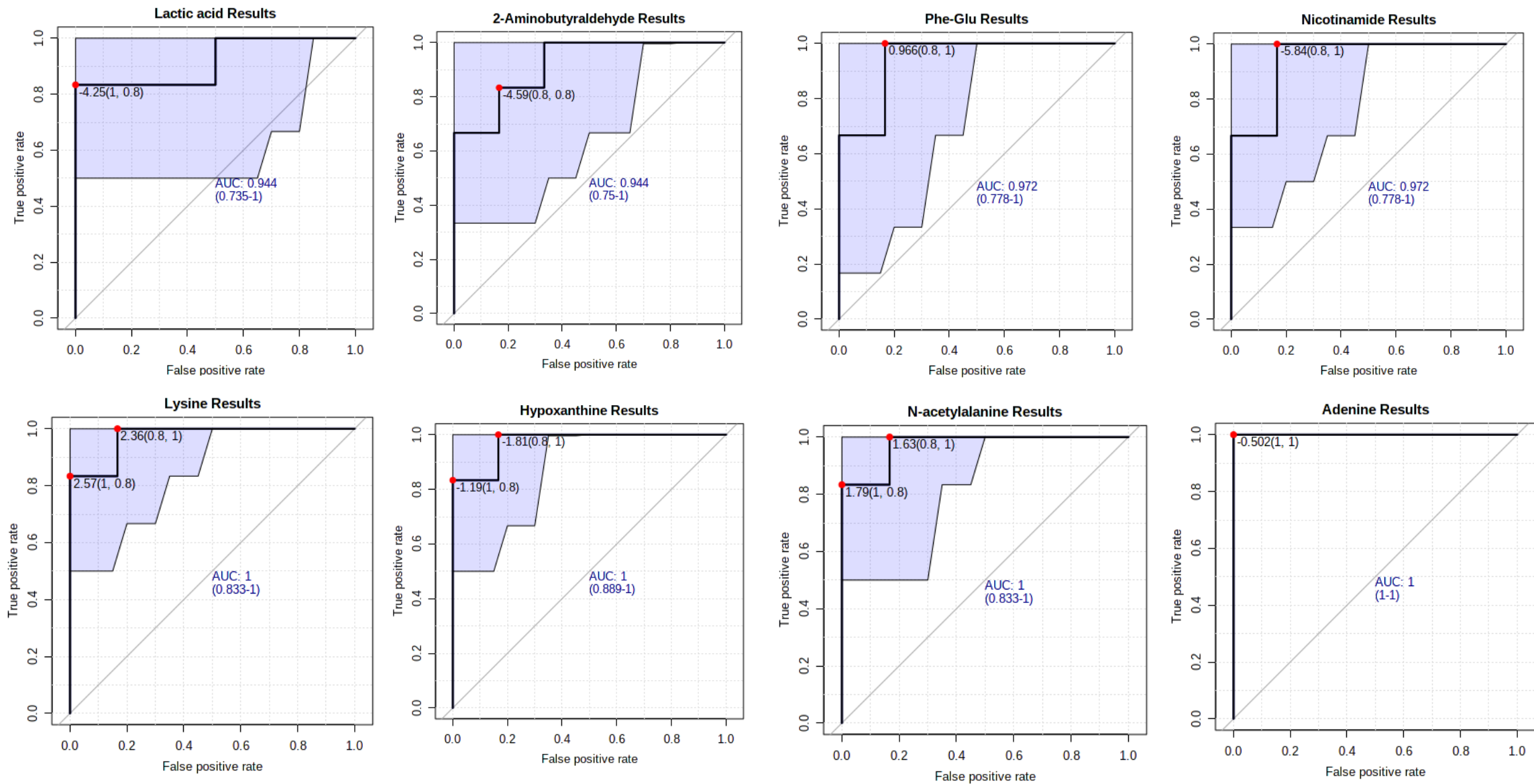
Supplementary Fig. S1: showing 21 significant differential metabolites in the aqueous humor of POAG patients compared to cataract controls.

0- Control
1- POAG

Cross validation



Supplementary Fig. S1: PLS-DA clustering analysis



Supplementary Fig. S1: Biomarker analysis in POAG patients