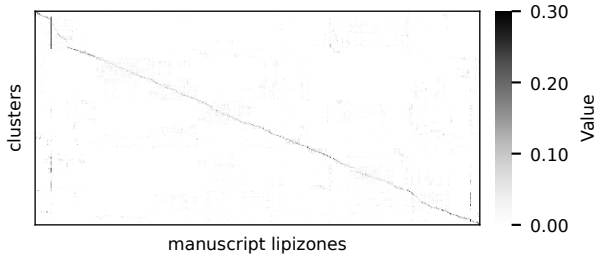
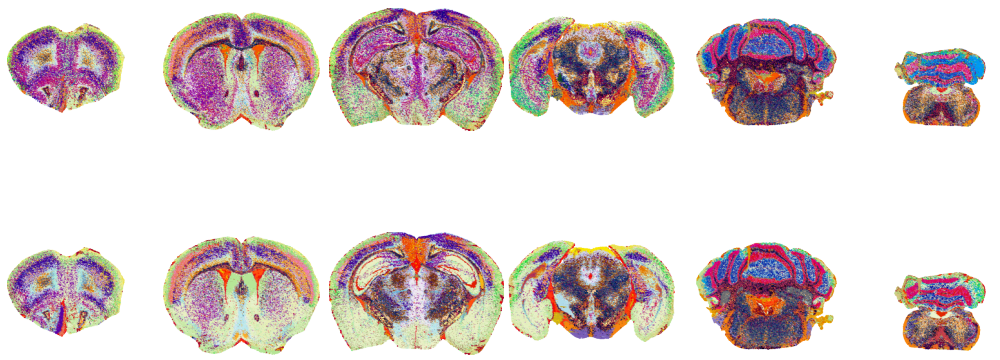
1 Leiden on harmonized NMF

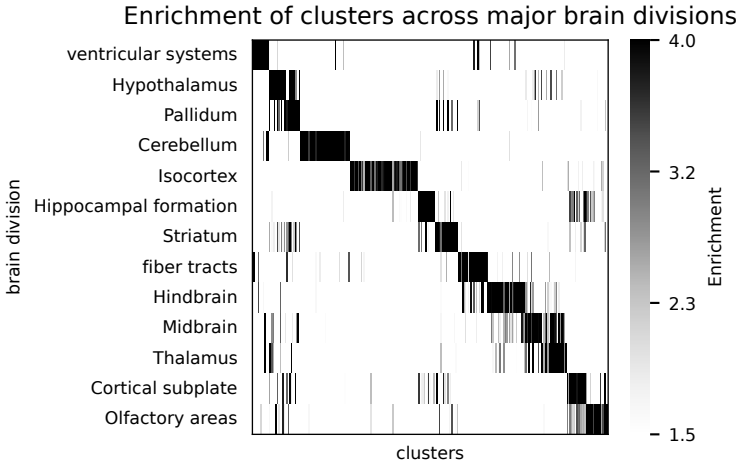
Sorted confusion matrix manuscript lipizones vs clusters



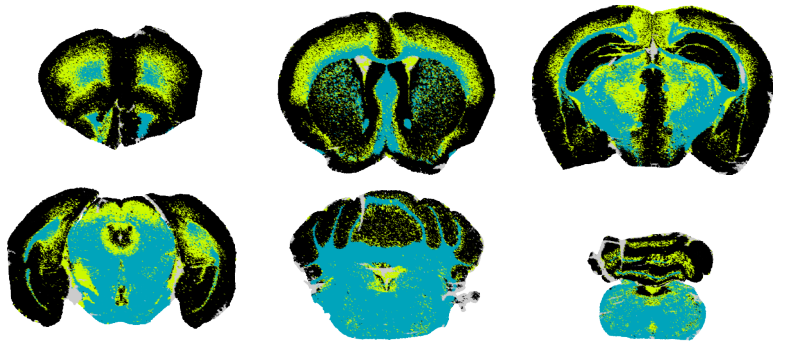
Manuscript lipizones (first row) vs clusters (second row)



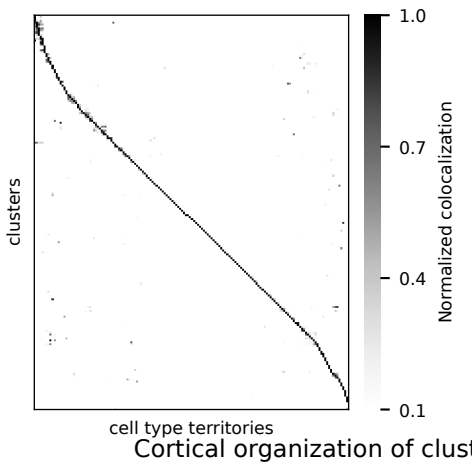
Enrichment of clusters across major brain divisions



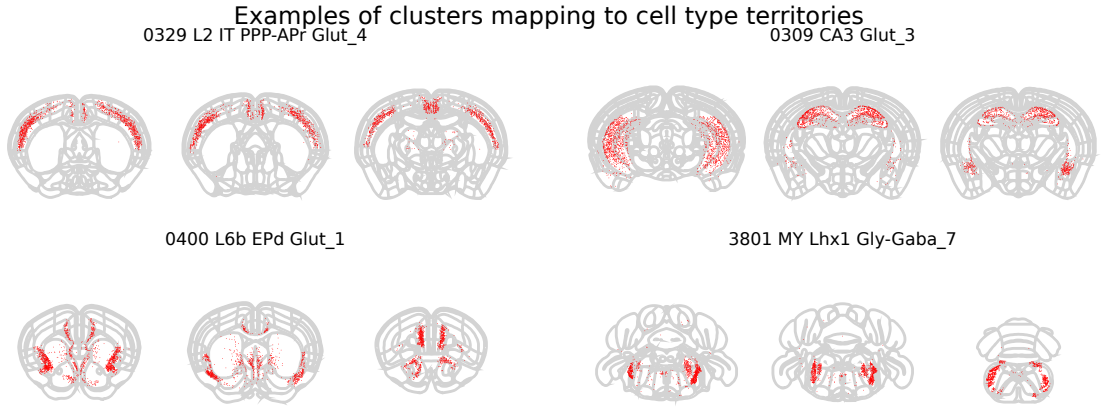
4 broad clusters



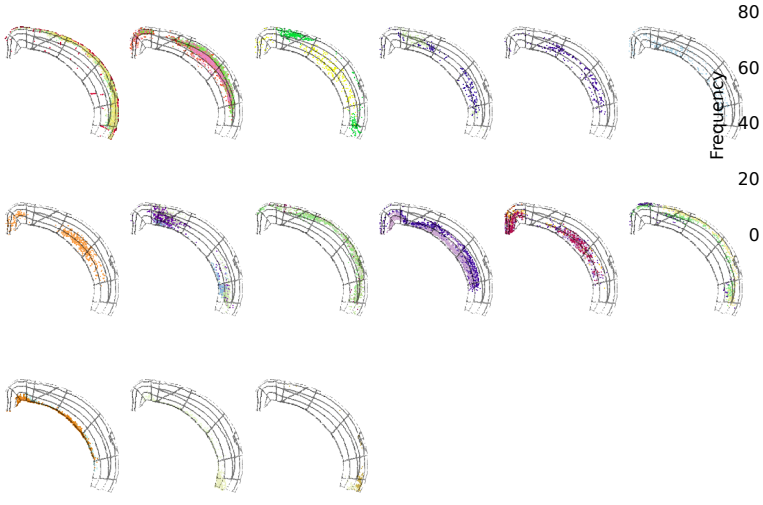
Clusters vs cell type territories



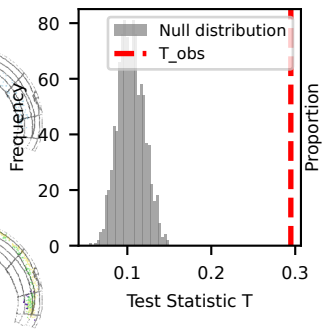
Examples of clusters mapping to cell type territories



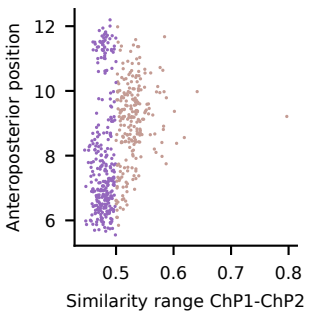
Cortical organization of clusters, incl. barrel cortex



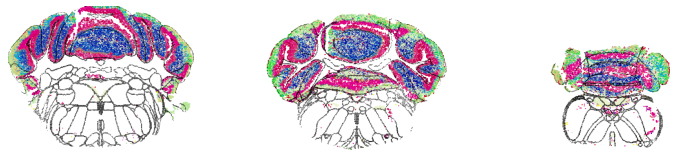
Connected regions sharing lipid clusters vs chance



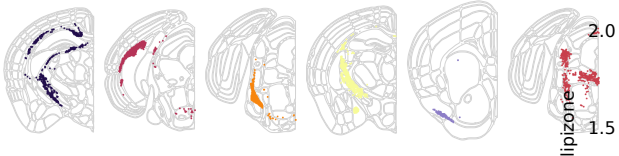
Two main lipizones in the ChP



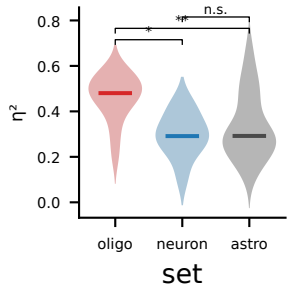
Cerebellar lipizone organization incl. granule cells layer



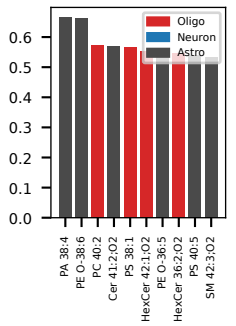
White matter lipizones regionalized heterogeneity



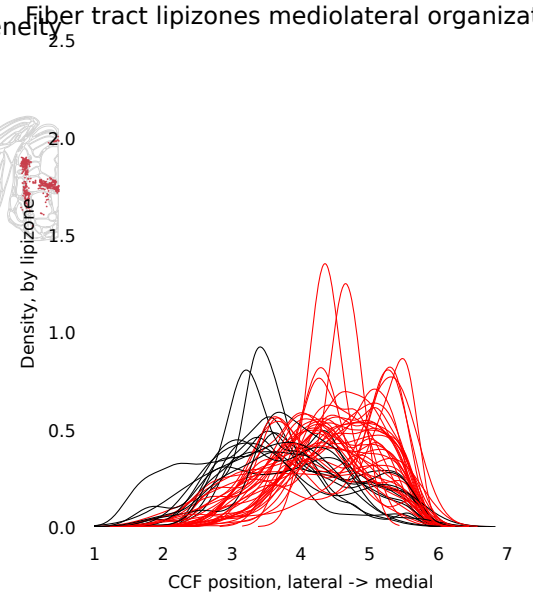
Variance explained by WM cluster membership



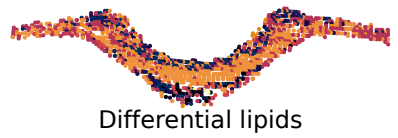
Top 10 lipids by eta2



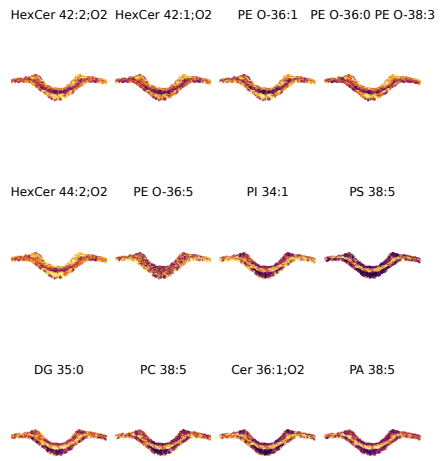
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

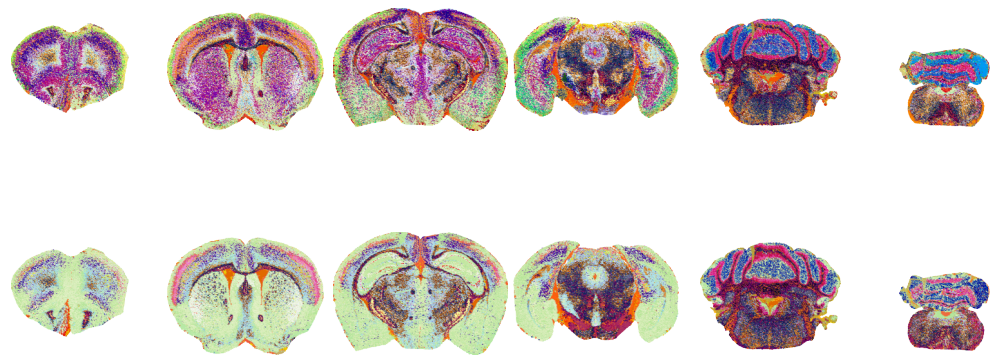


Differential lipids

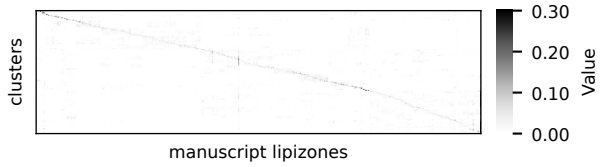


2 Louvain on harmonized NMF

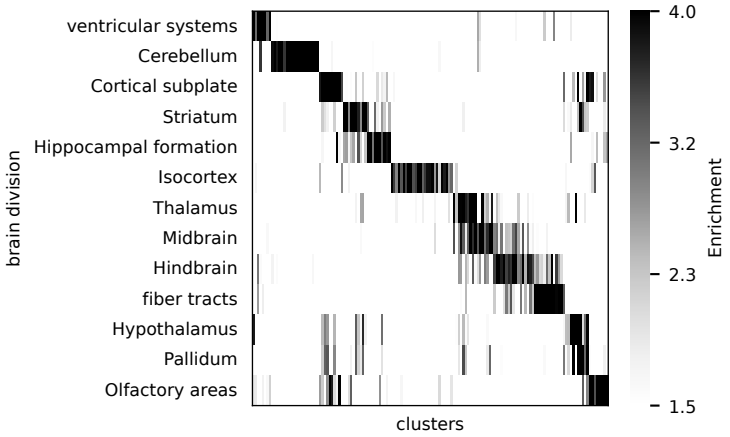
Manuscript lipizones (first row) vs clusters (second row)



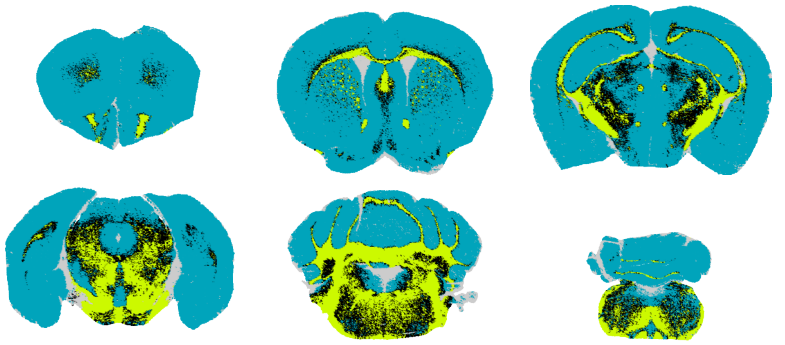
Sorted confusion matrix manuscript lipizones vs clusters



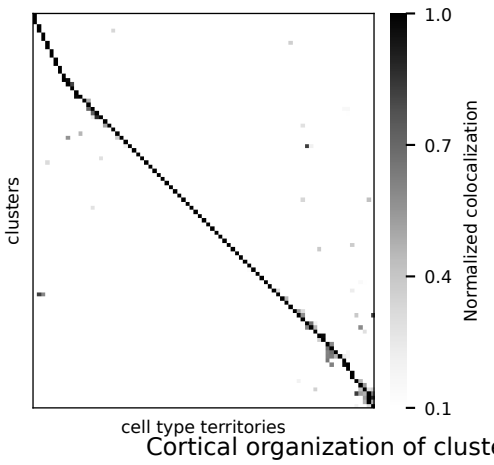
Enrichment of clusters across major brain divisions



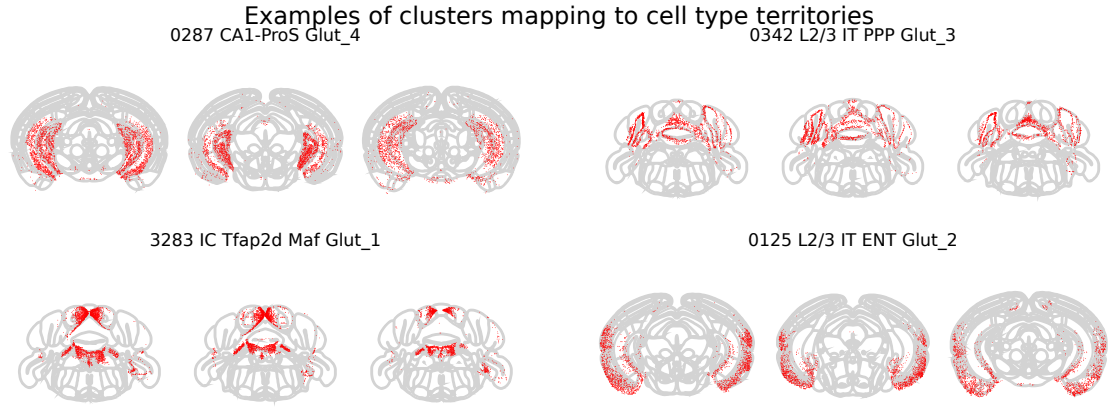
4 broad clusters



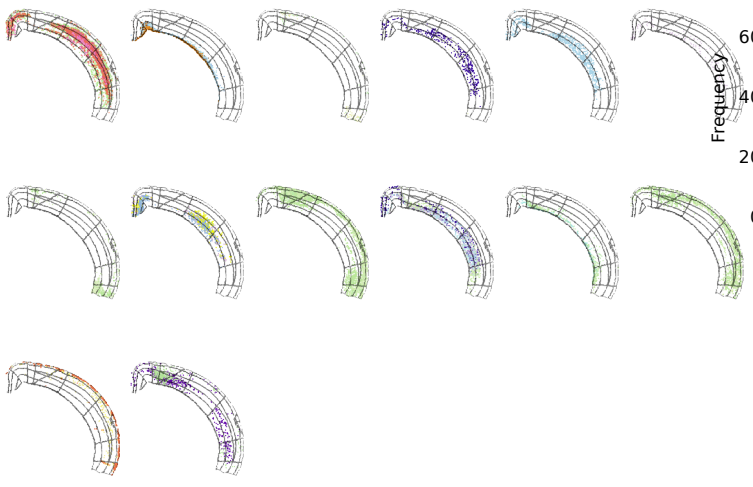
Clusters vs cell type territories



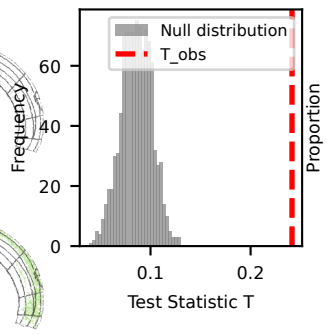
Examples of clusters mapping to cell type territories



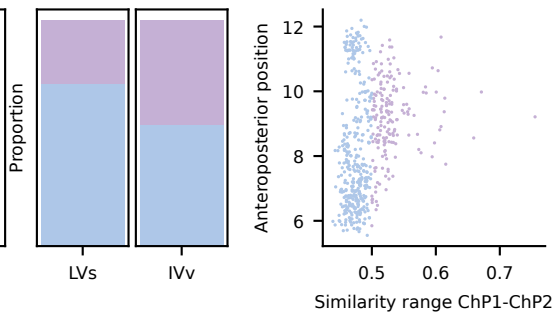
Cortical organization of clusters, incl. barrel cortex



Connected regions sharing lipid clusters vs chance



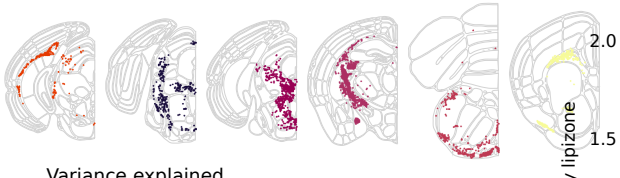
Two main lipizones in the ChP



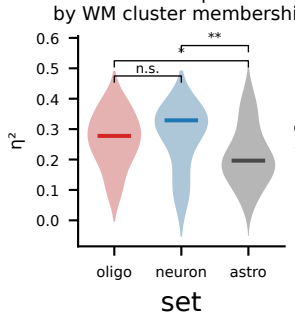
Cerebellar lipizone organization incl. granule cells layer



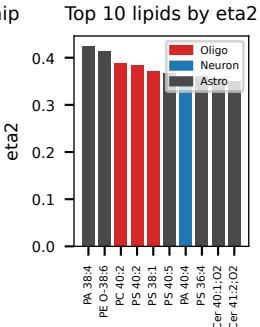
White matter lipizones regionalized heterogeneity



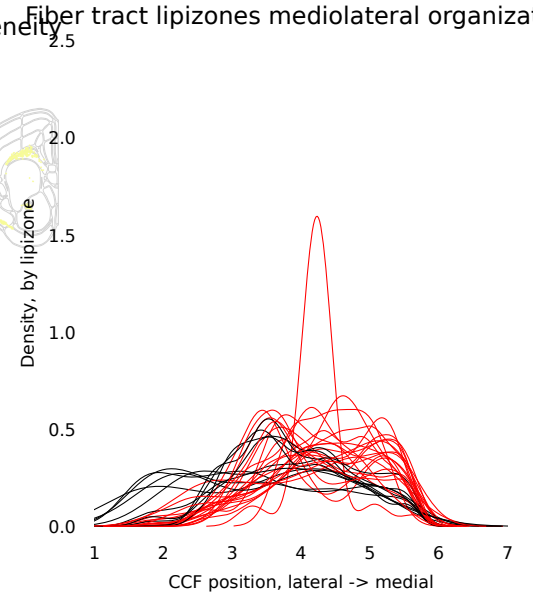
Variance explained by WM cluster membership



Top 10 lipids by eta2



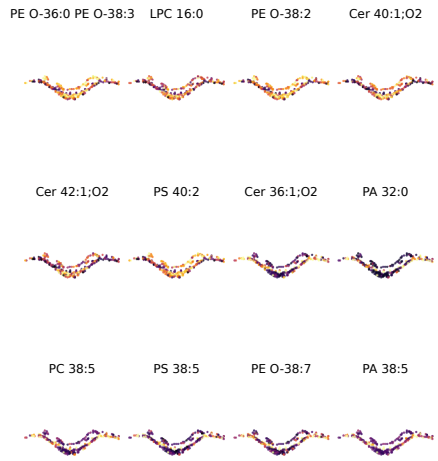
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

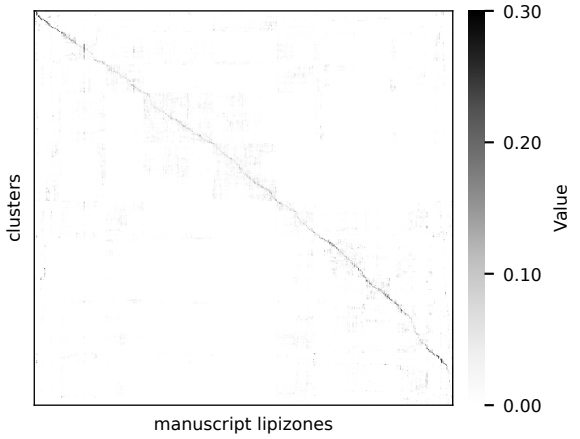


Differential lipids

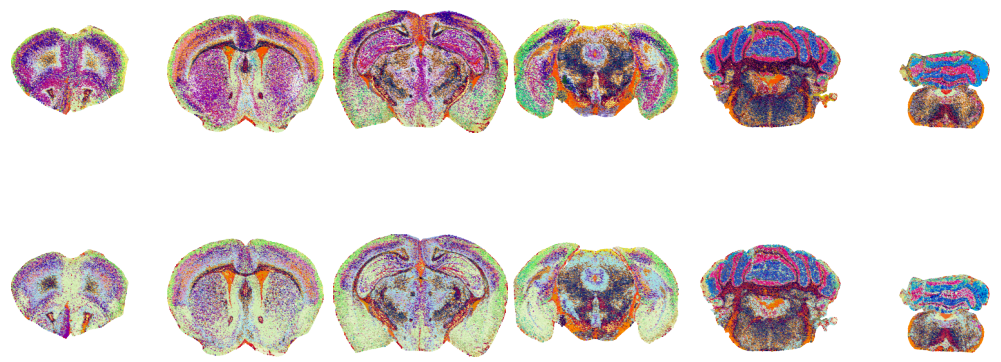


3 **Splitter feature downsampling 75 iter 56**

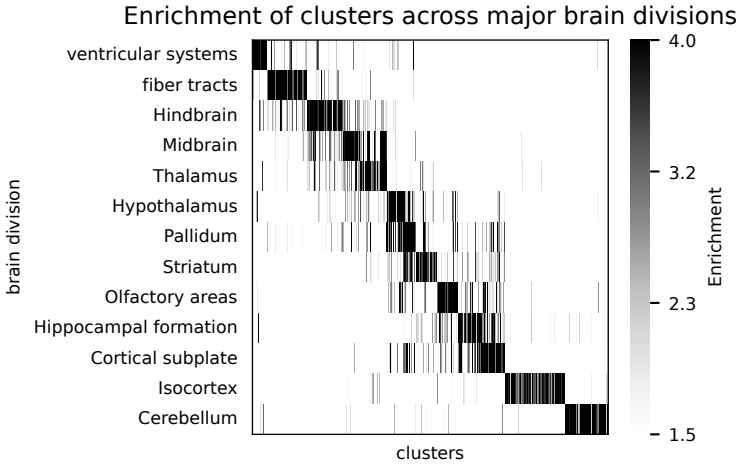
Sorted confusion matrix manuscript lipizones vs clusters



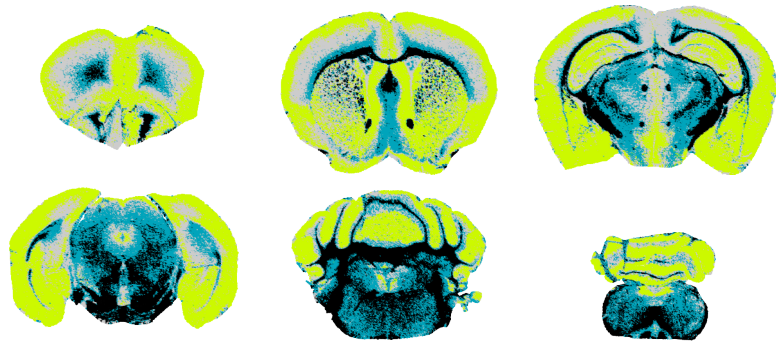
Manuscript lipizones (first row) vs clusters (second row)



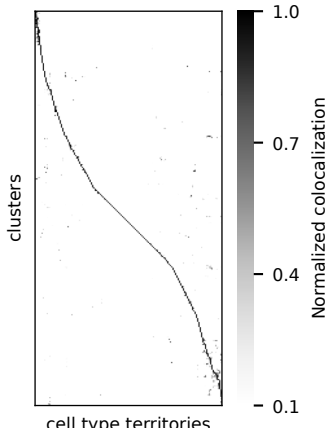
Enrichment of clusters across major brain divisions



4 broad clusters

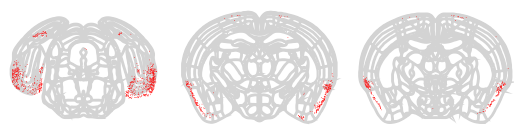


Clusters vs cell type territories

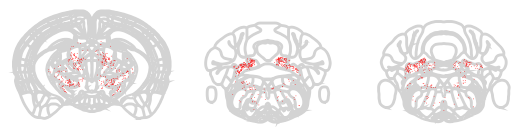


Examples of clusters mapping to cell type territories

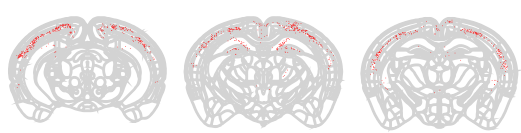
0157 L2/3 IT ENTl-PIR Glut_4



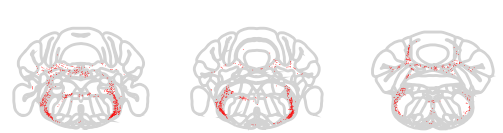
3949 CBN Glut



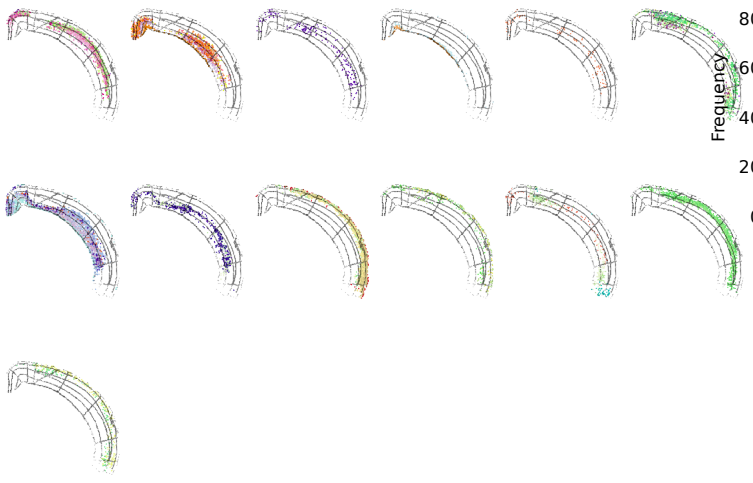
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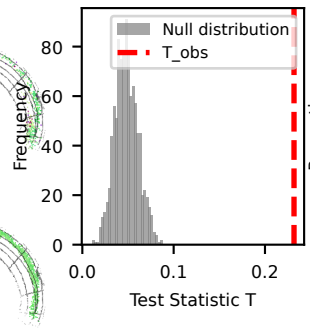
4800 SPVI-SPVC Sall3 Gly-Gaba_2



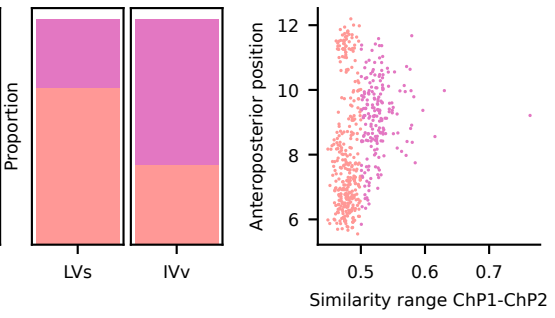
Cortical organization of clusters, incl. barrel cortex



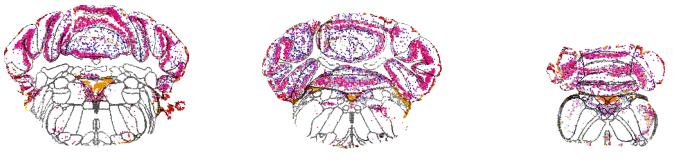
Connected regions sharing lipid clusters vs chance



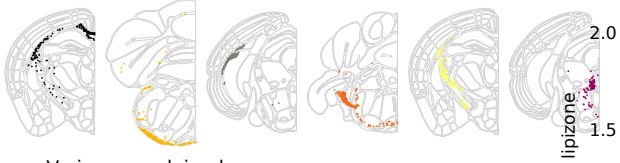
Two main lipizones in the ChP



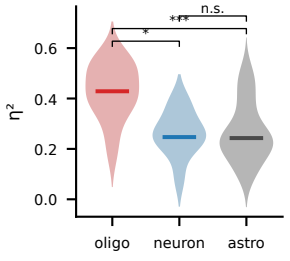
Cerebellar lipizone organization incl. granule cells layer



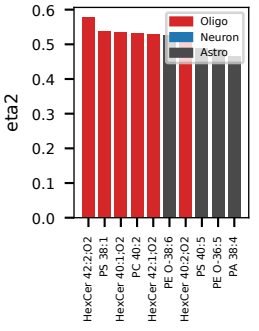
White matter lipizones regionalized heterogeneity



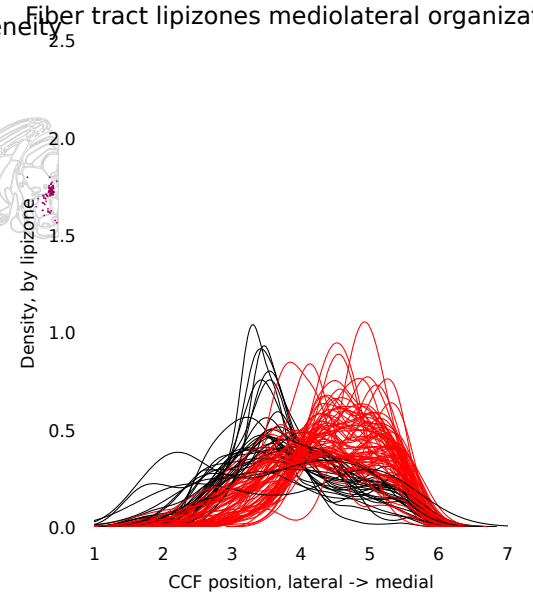
Variance explained by WM cluster membership



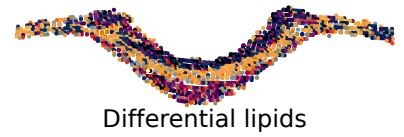
Top 10 lipids by eta2



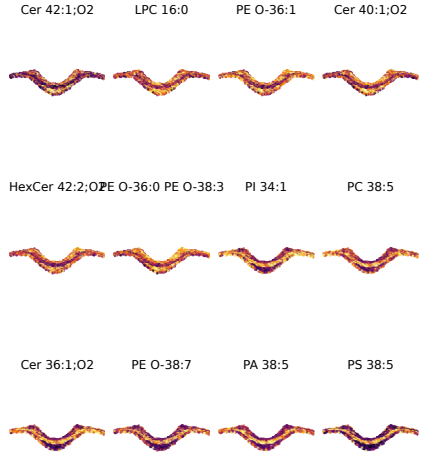
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

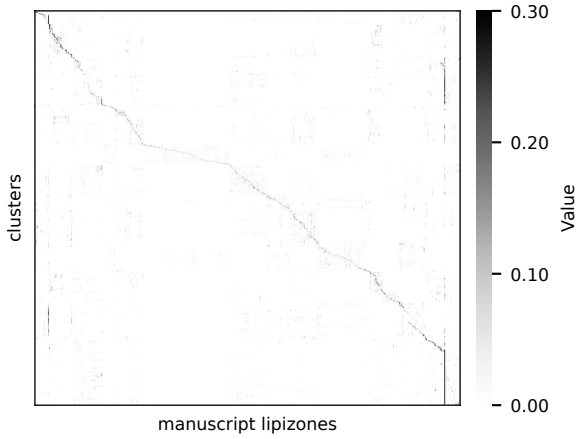


Differential lipids

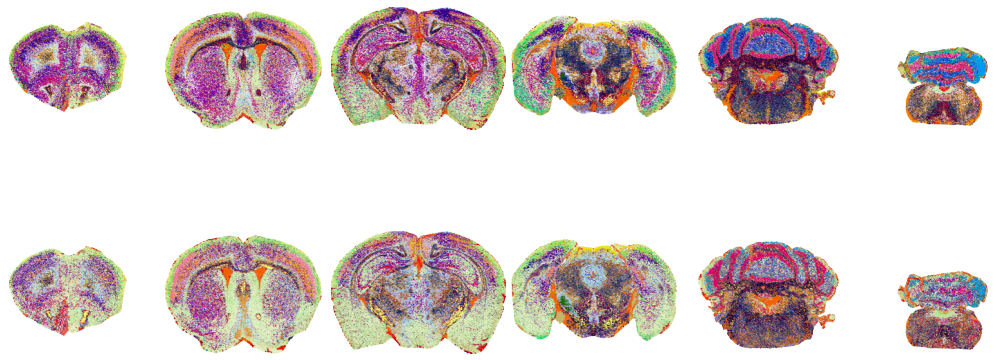


4 kMeans feature downsampling 75 seed 23

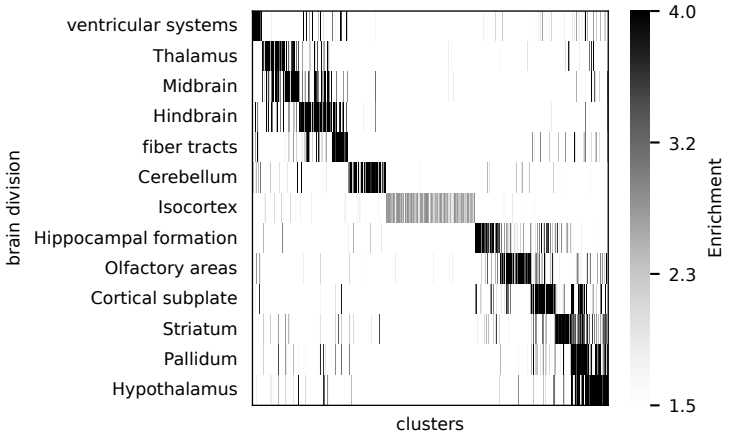
Sorted confusion matrix manuscript lipizones vs clusters



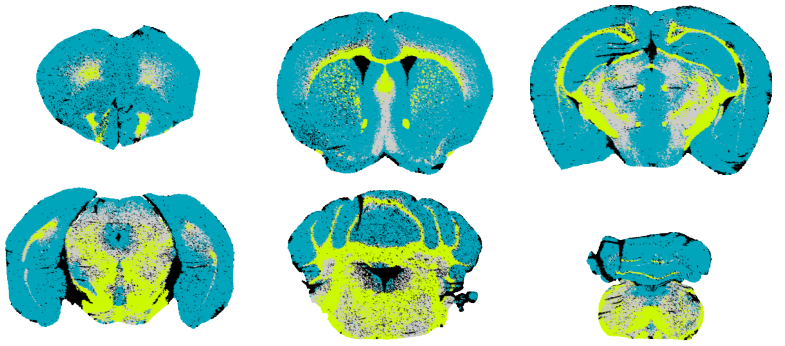
Manuscript lipizones (first row) vs clusters (second row)



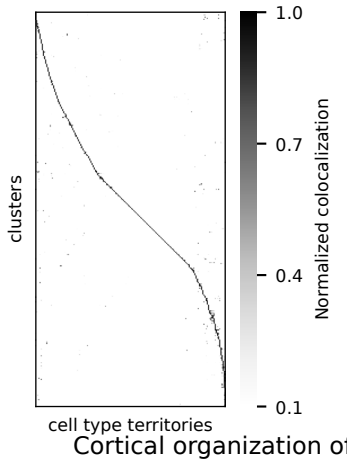
Enrichment of clusters across major brain divisions



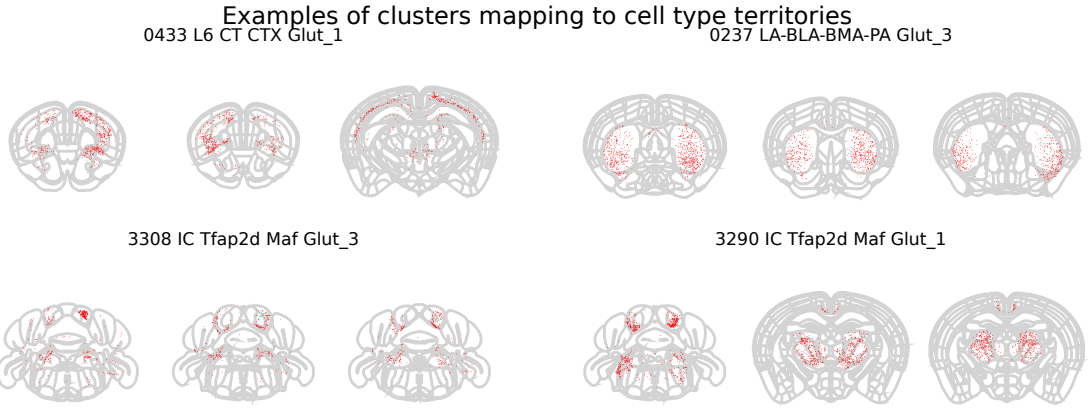
4 broad clusters



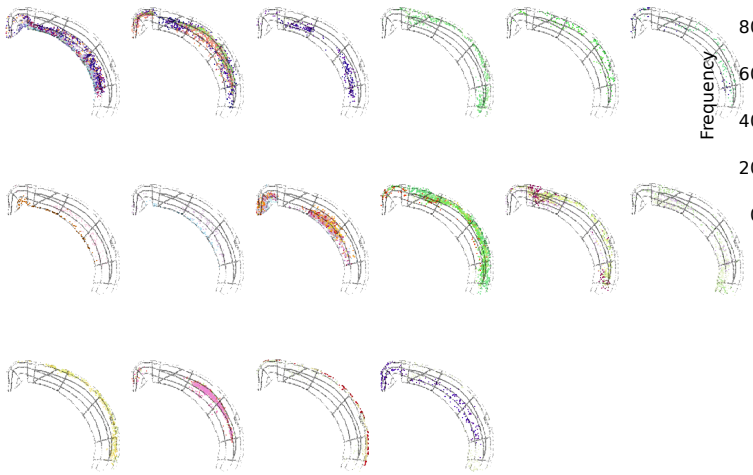
Clusters vs cell type territories



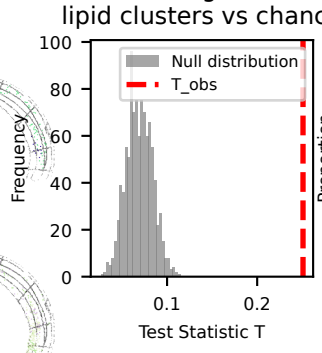
Examples of clusters mapping to cell type territories



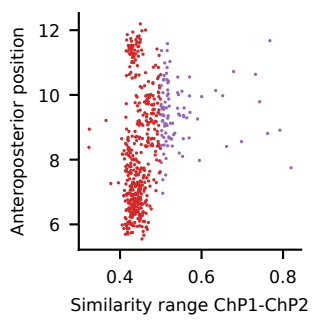
Cortical organization of clusters, incl. barrel cortex



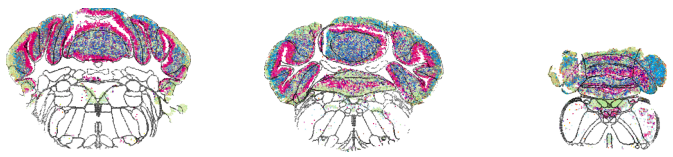
Connected regions sharing lipid clusters vs chance



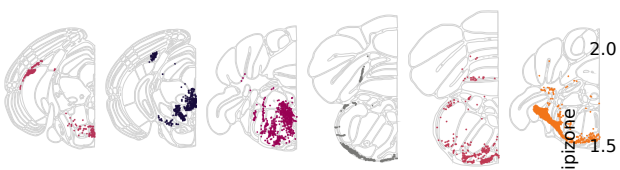
Two main lipizones in the ChP



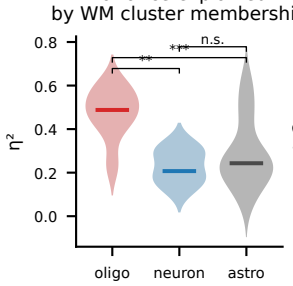
Cerebellar lipizone organization incl. granule cells layer



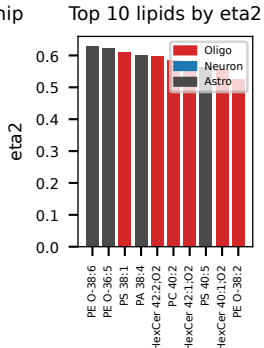
White matter lipizones regionalized heterogeneity



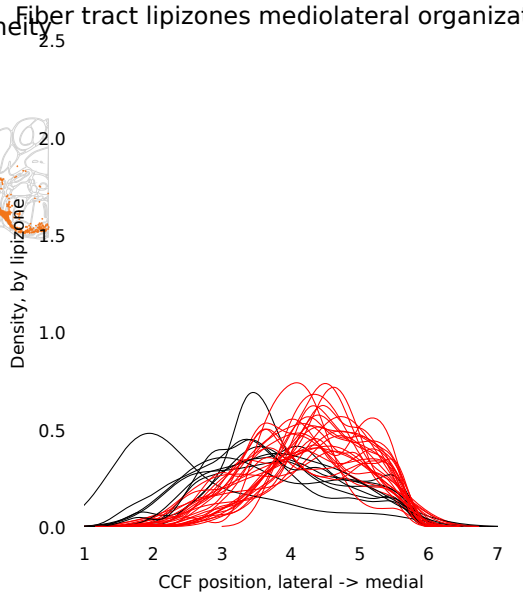
Variance explained by WM cluster membership



Top 10 lipids by eta2



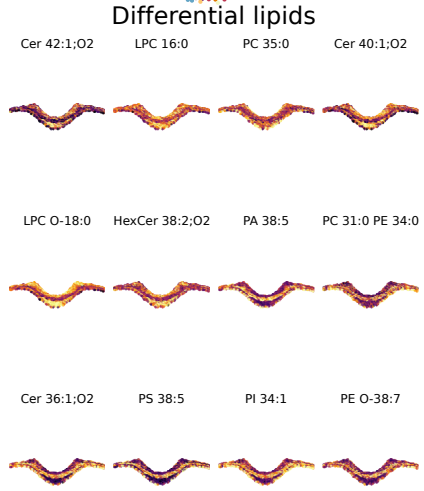
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

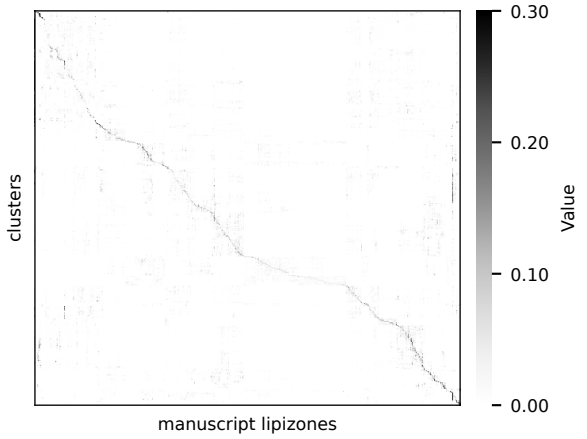


Differential lipids

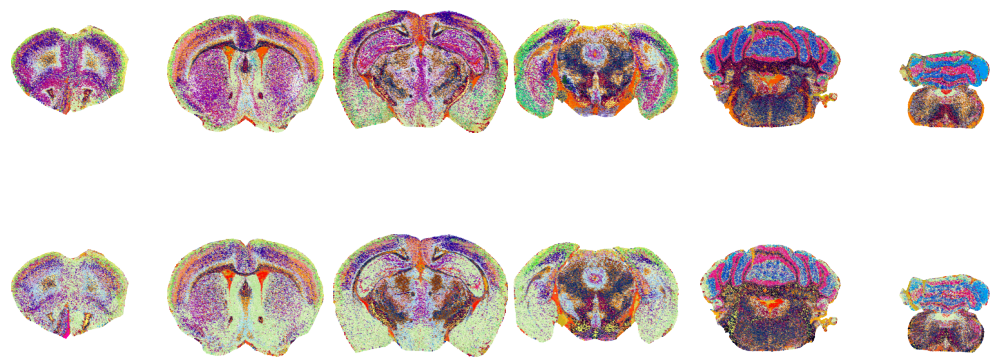


5 kMeans feature downsampling 75 seed 2509

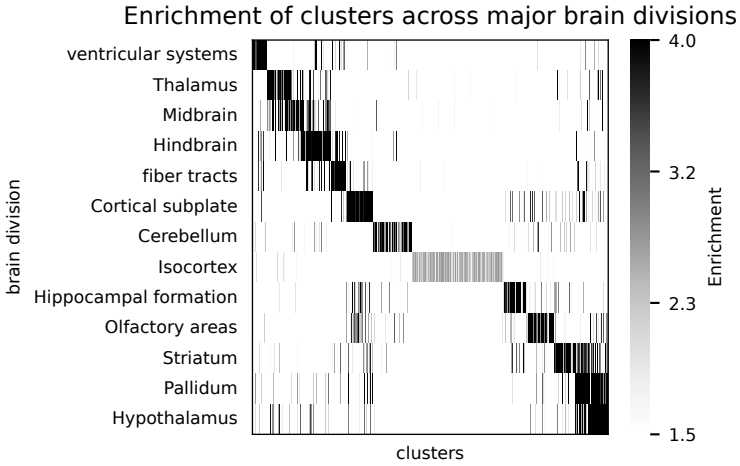
Sorted confusion matrix manuscript lipizones vs clusters



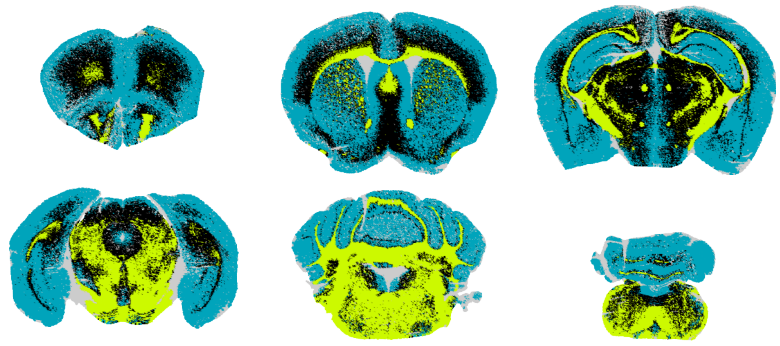
Manuscript lipizones (first row) vs clusters (second row)



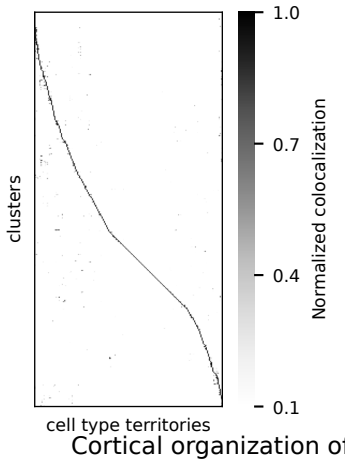
Enrichment of clusters across major brain divisions



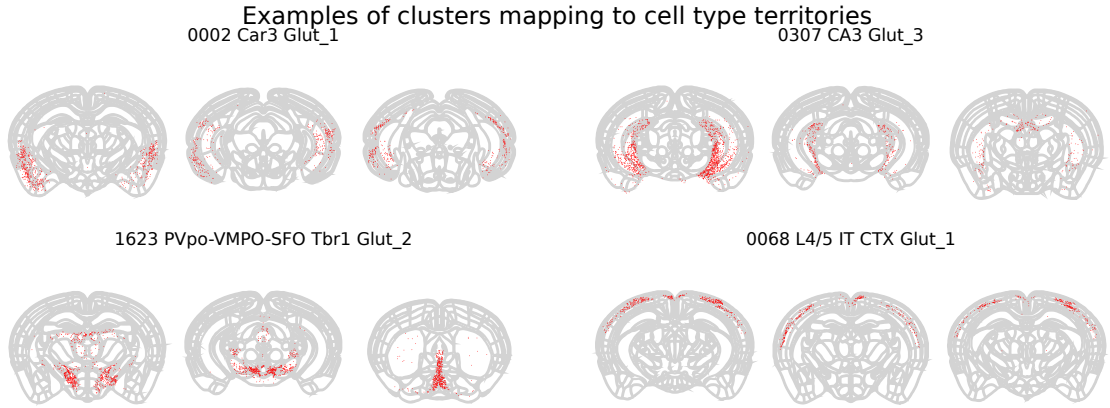
4 broad clusters



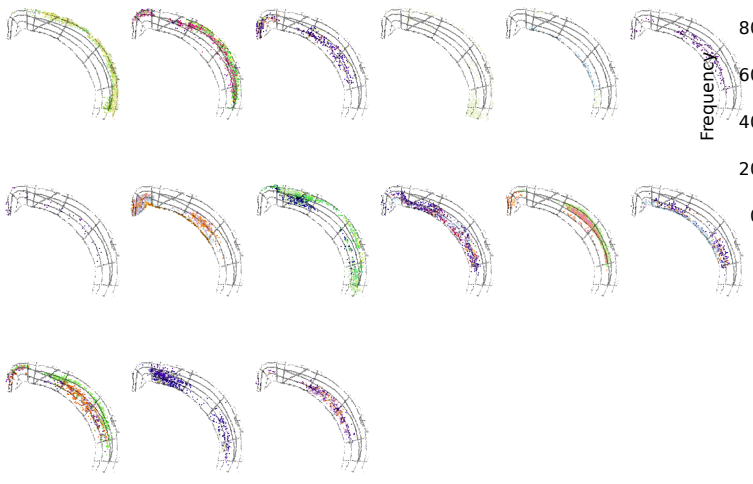
Clusters vs cell type territories



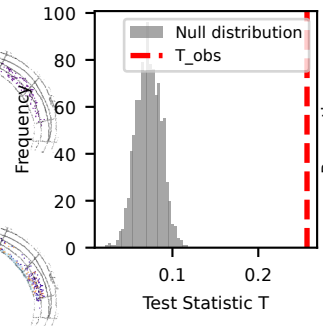
Examples of clusters mapping to cell type territories



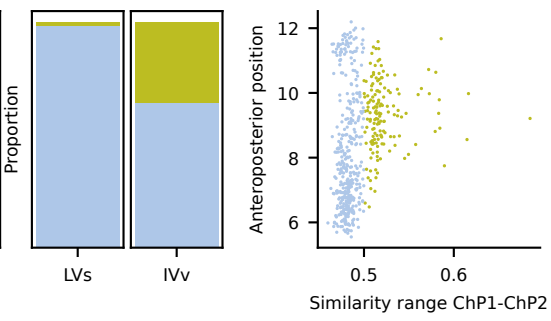
Cortical organization of clusters, incl. barrel cortex



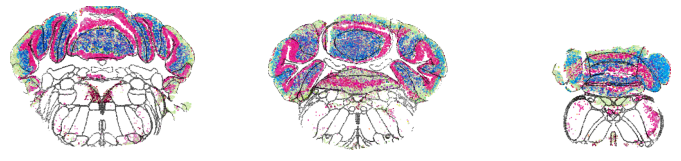
Connected regions sharing lipid clusters vs chance



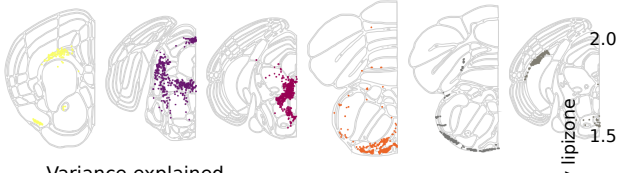
Two main lipizones in the ChP



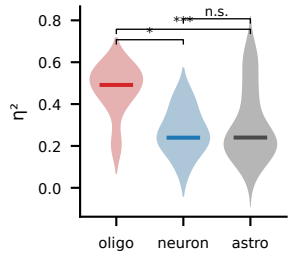
Cerebellar lipizone organization incl. granule cells layer



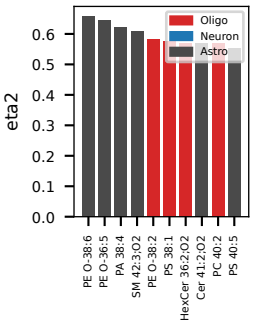
White matter lipizones regionalized heterogeneity



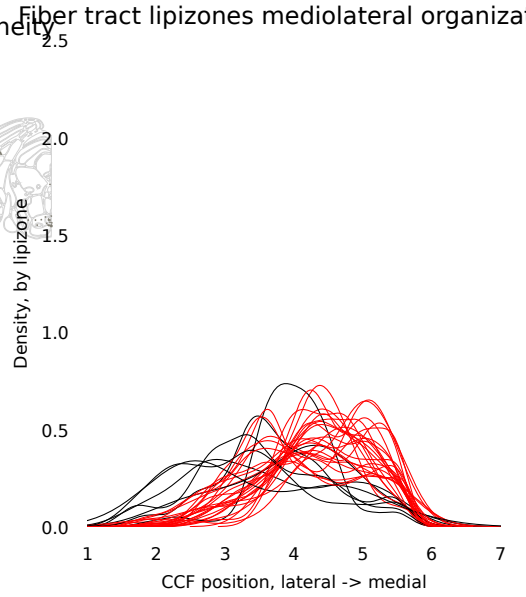
Variance explained by WM cluster membership



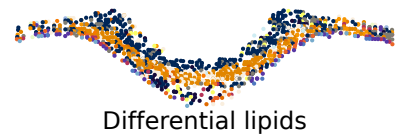
Top 10 lipids by eta2



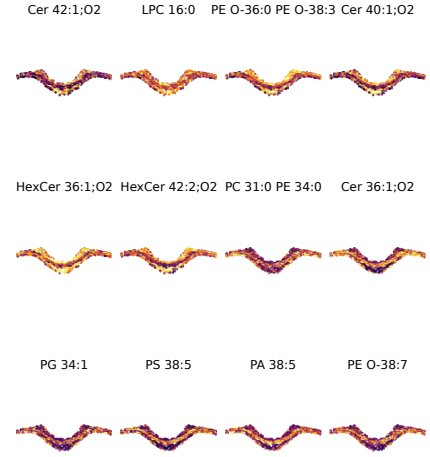
Fiber tract lipizones mediolateral organization



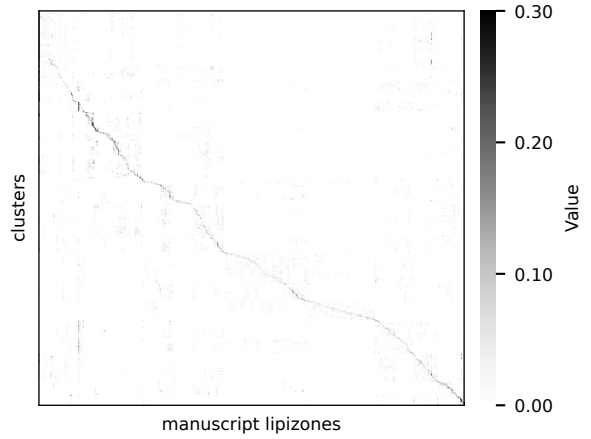
Axon bundle visible in white matter



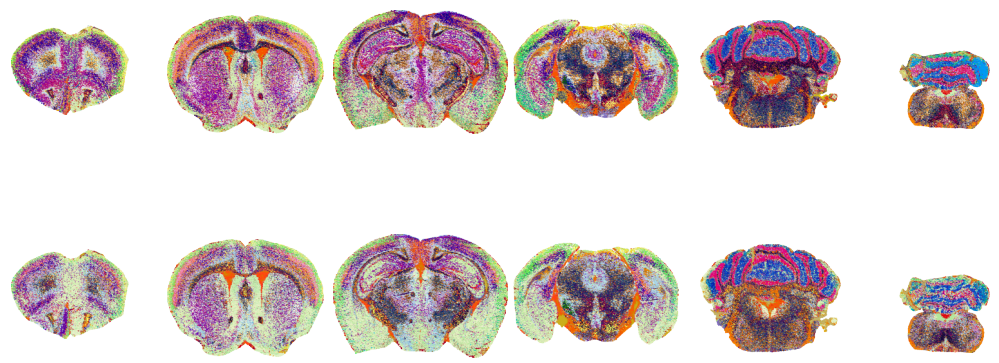
Differential lipids



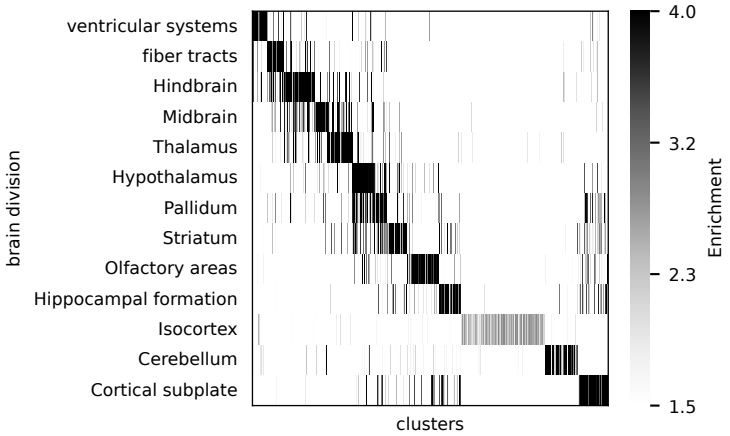
Sorted confusion matrix manuscript lipizones vs clusters



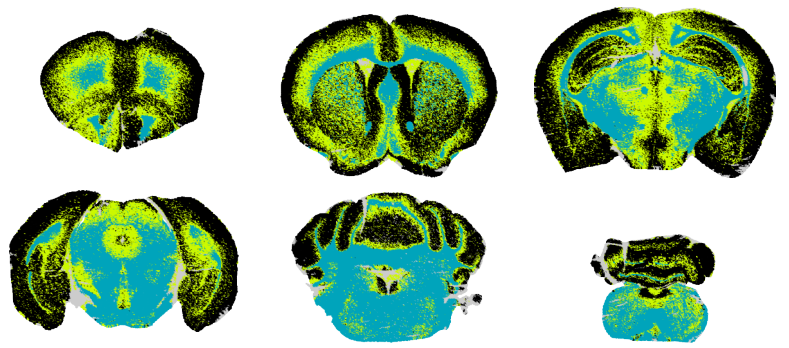
Manuscript lipizones (first row) vs clusters (second row)



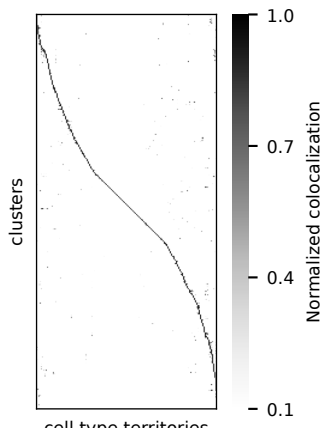
Enrichment of clusters across major brain divisions



4 broad clusters

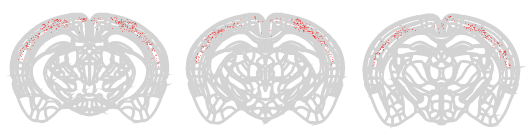


Clusters vs cell type territories

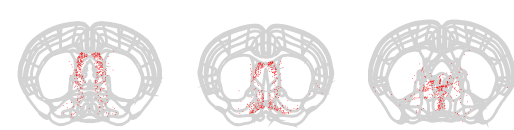


Examples of clusters mapping to cell type territories

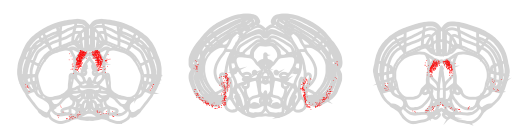
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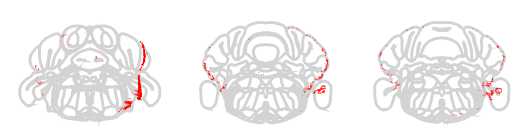
1028 LSX Prdm12 do Gaba_1



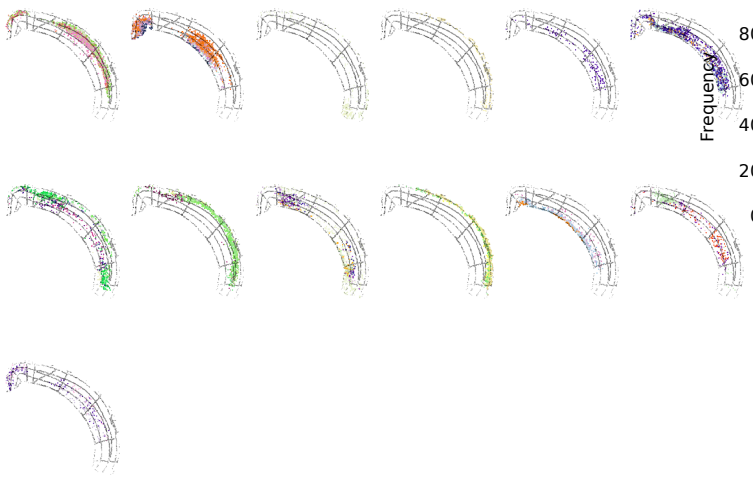
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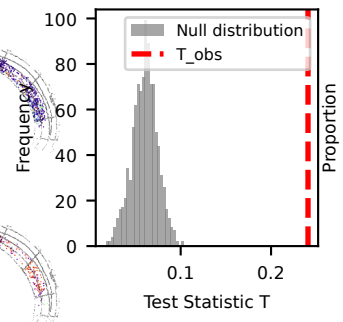
2004 TU-ARH Otp Six6 Gaba_1

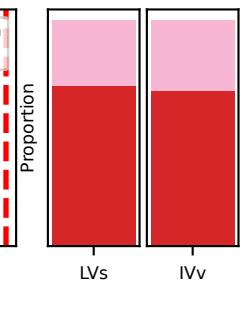


Cortical organization of clusters, incl. barrel cortex

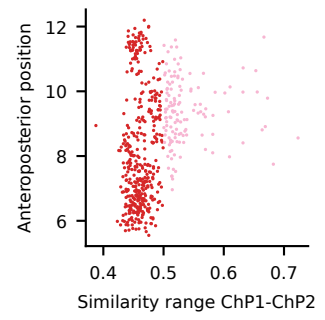


Connected regions sharing lipid clusters vs chance

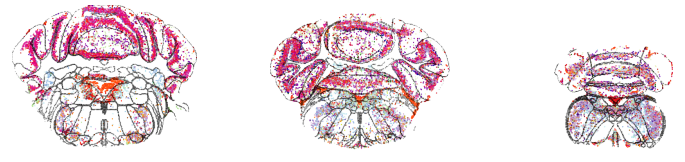




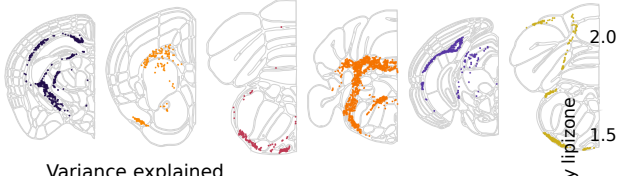
Two main lipizones in the ChP



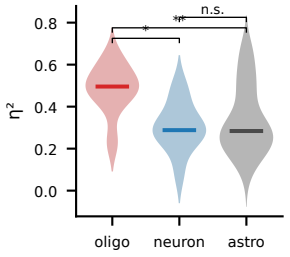
Cerebellar lipizone organization incl. granule cells layer



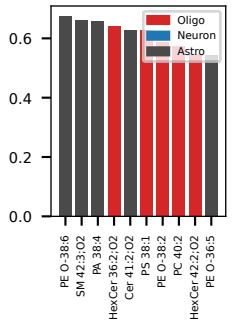
White matter lipizones regionalized heterogeneity



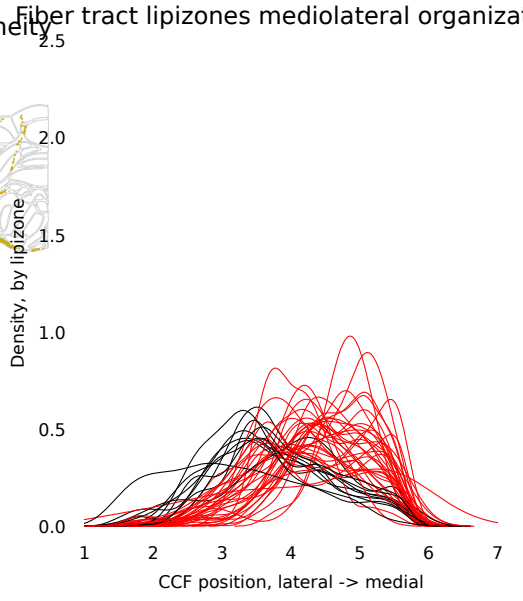
Variance explained by WM cluster membership



Top 10 lipids by eta2



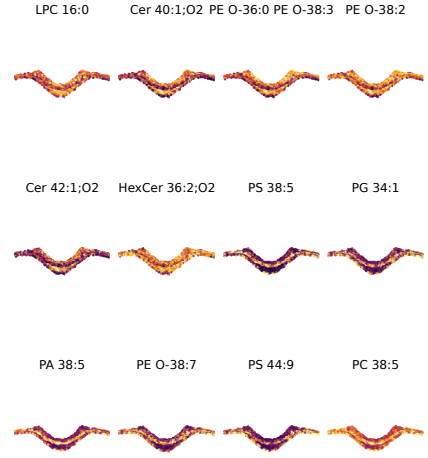
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

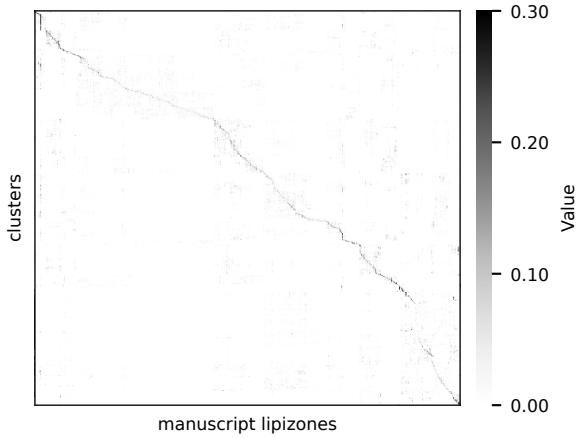


Differential lipids

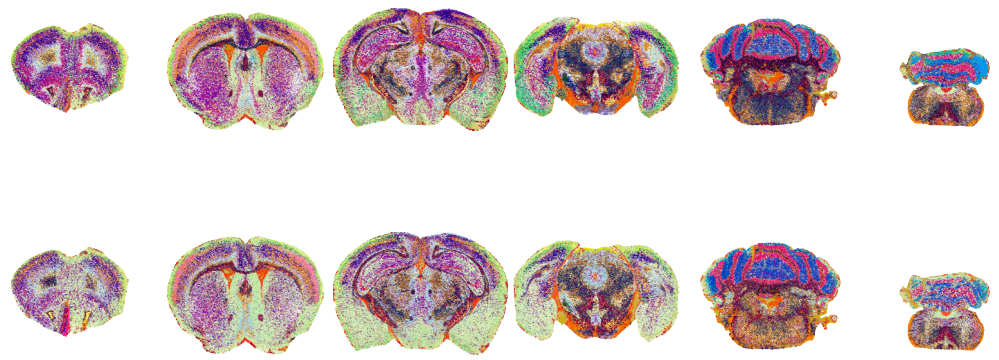


kMeans feature downsampling 75 seed 44

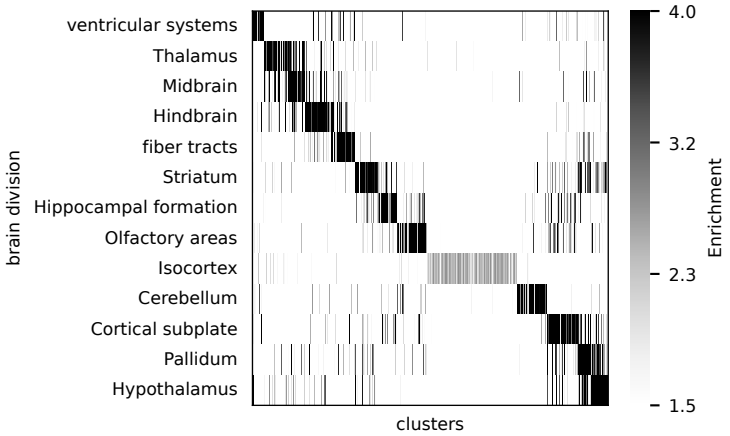
Sorted confusion matrix manuscript lipizones vs clusters



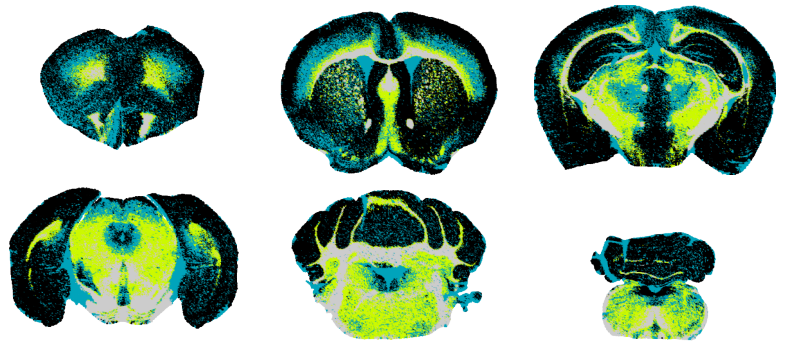
Manuscript lipizones (first row) vs clusters (second row)



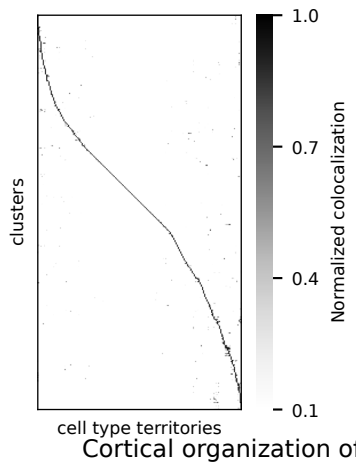
Enrichment of clusters across major brain divisions



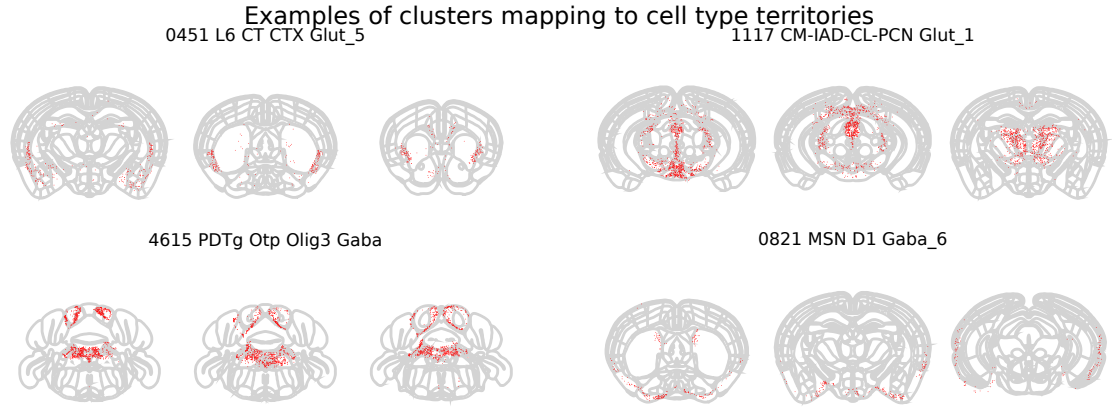
4 broad clusters



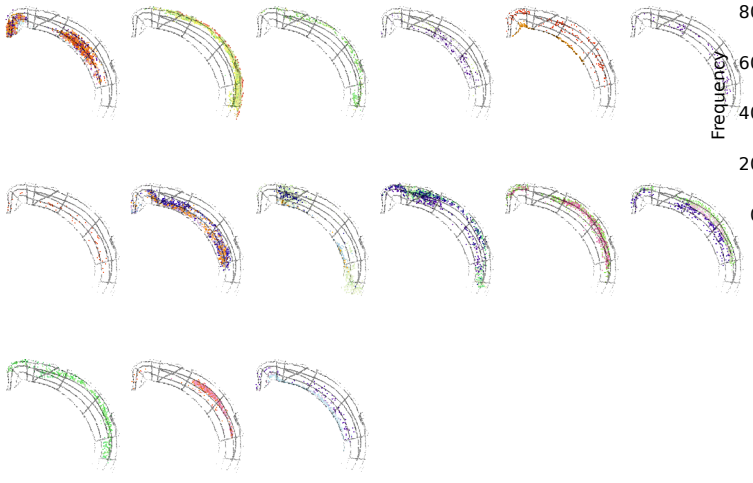
Clusters vs cell type territories



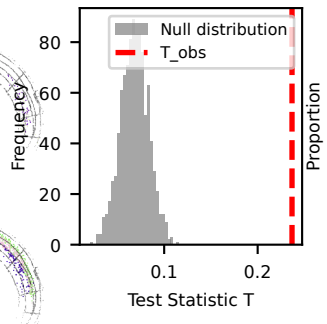
Examples of clusters mapping to cell type territories



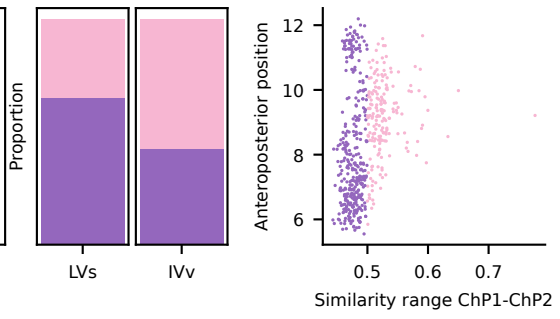
Cortical organization of clusters, incl. barrel cortex



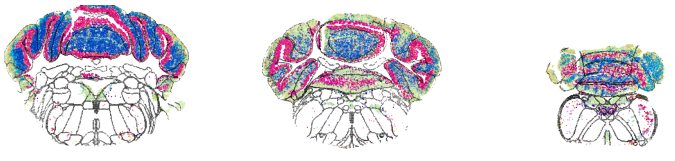
Connected regions sharing lipid clusters vs chance



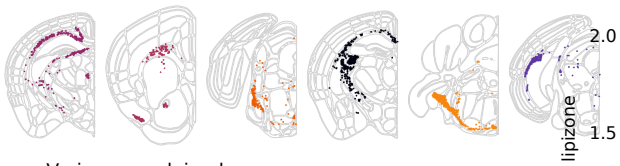
Two main lipizones in the ChP



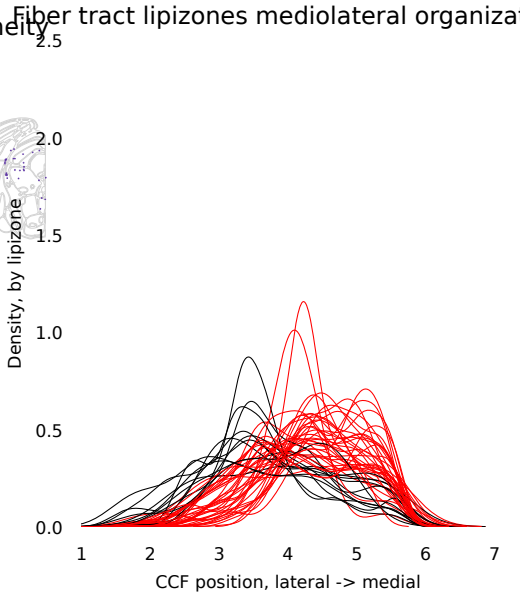
Cerebellar lipizone organization incl. granule cells layer



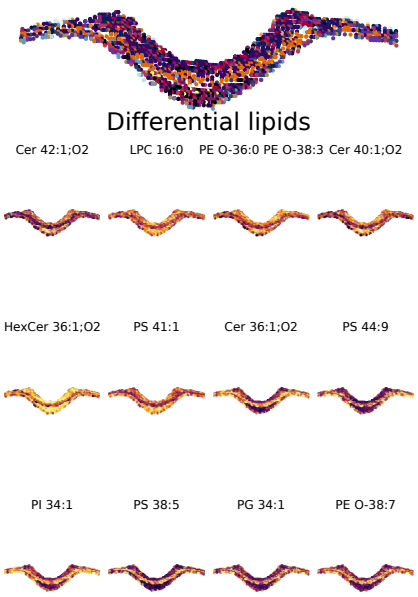
White matter lipizones regionalized heterogeneity



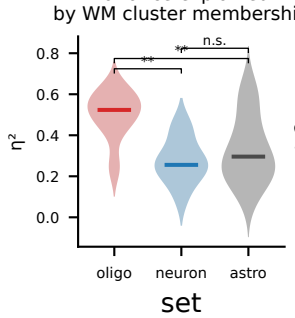
Fiber tract lipizones mediolateral organization



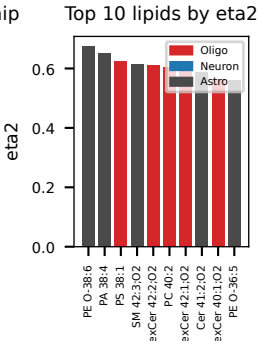
Axon bundle visible in white matter



Variance explained by WM cluster membership

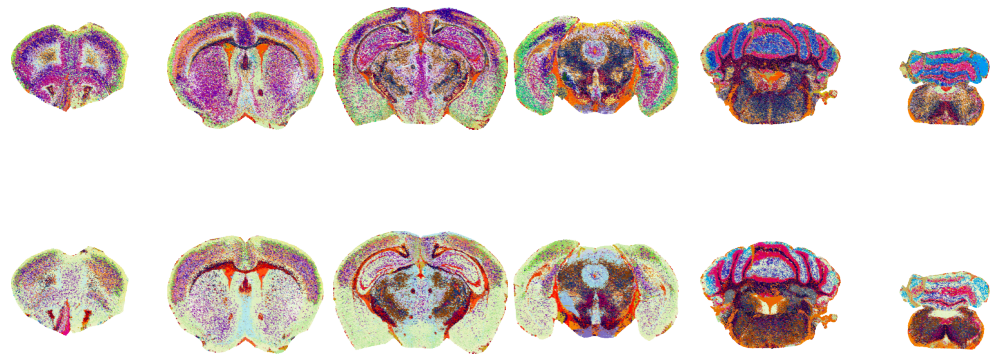


Top 10 lipids by eta2

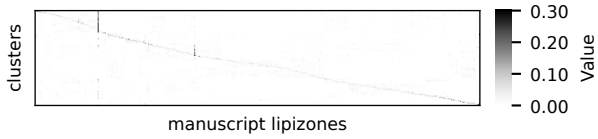


8 Leiden feature downsampling 75 seed 23

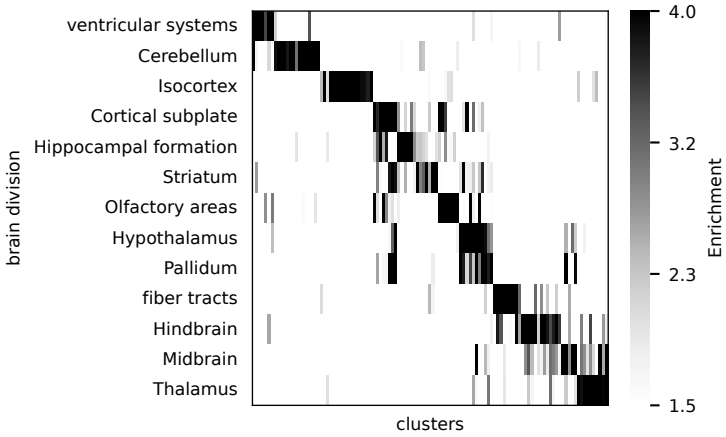
Manuscript lipizones (first row) vs clusters (second row)



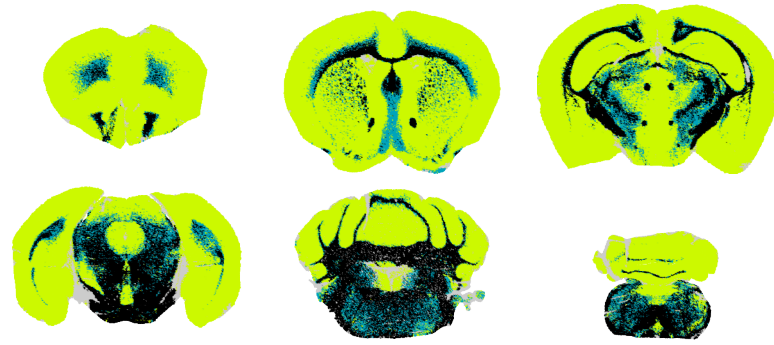
Sorted confusion matrix manuscript lipizones vs clusters



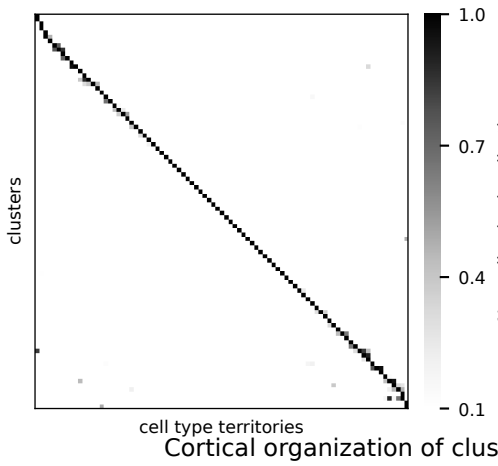
Enrichment of clusters across major brain divisions



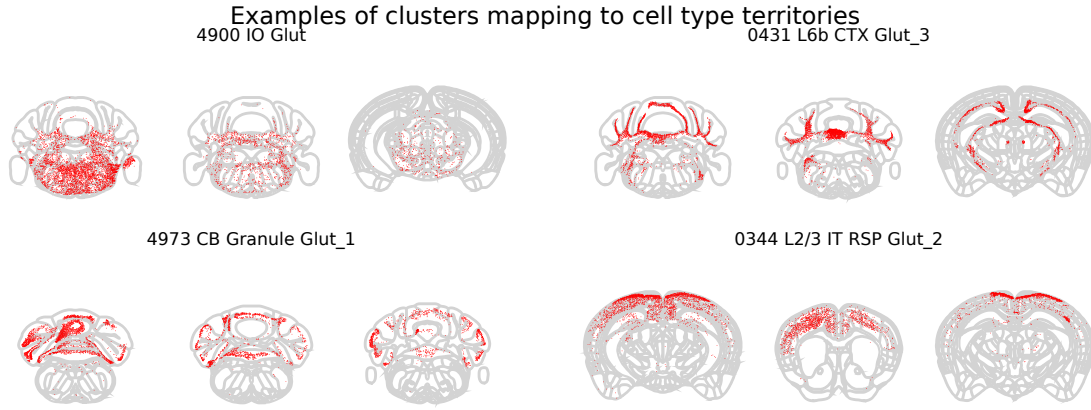
4 broad clusters



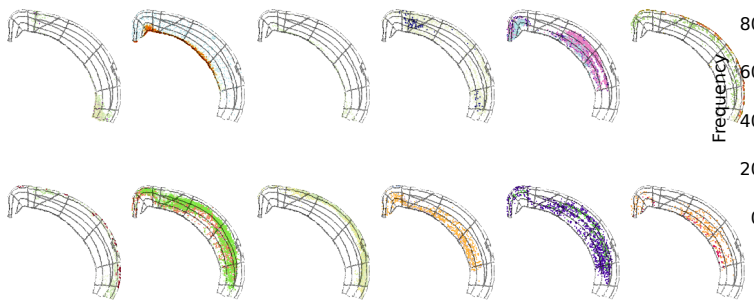
Clusters vs cell type territories



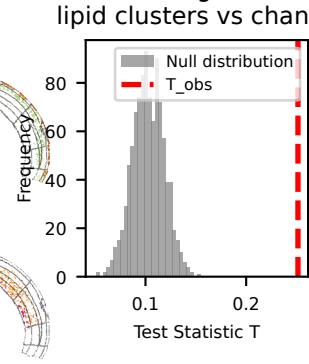
Examples of clusters mapping to cell type territories

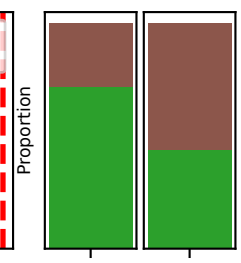


Cortical organization of clusters, incl. barrel cortex

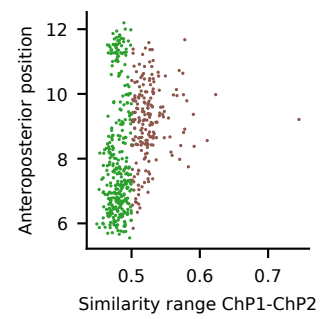


Connected regions sharing lipid clusters vs chance

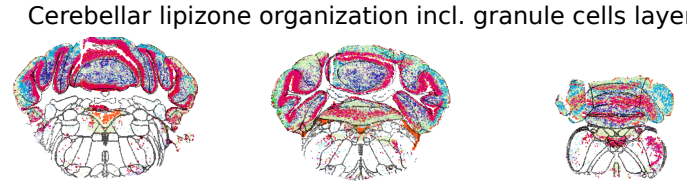




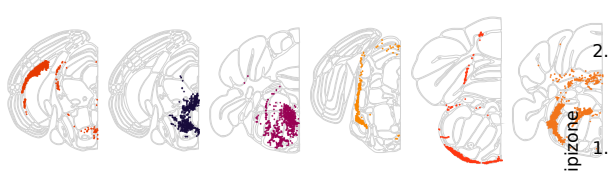
Two main lipizones in the ChP



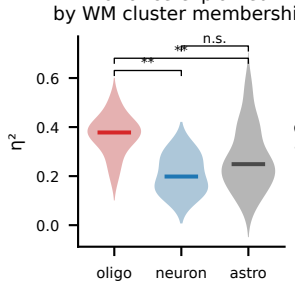
Cerebellar lipizone organization incl. granule cells layer



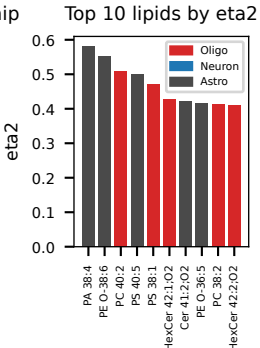
White matter lipizones regionalized heterogeneity



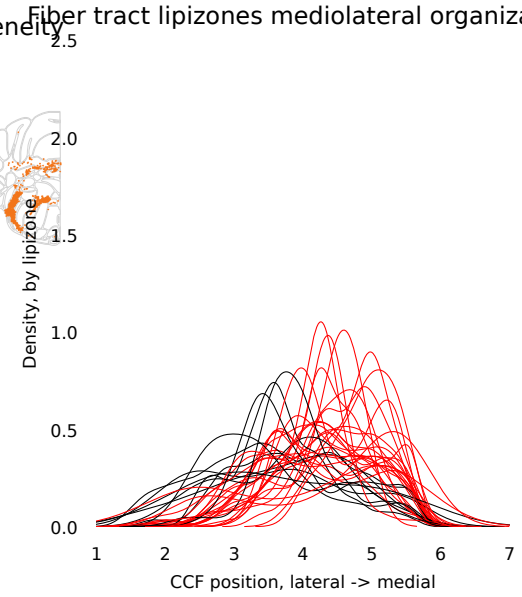
Variance explained by WM cluster membership



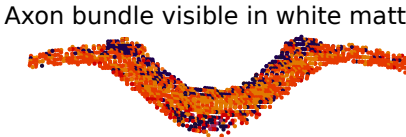
Top 10 lipids by eta2



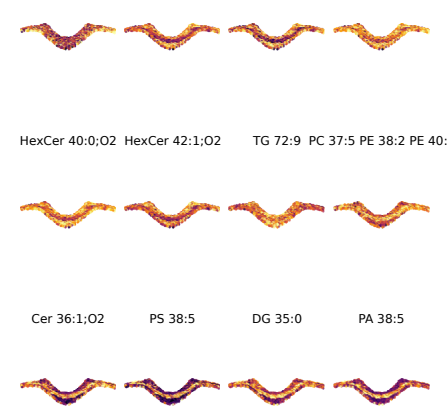
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

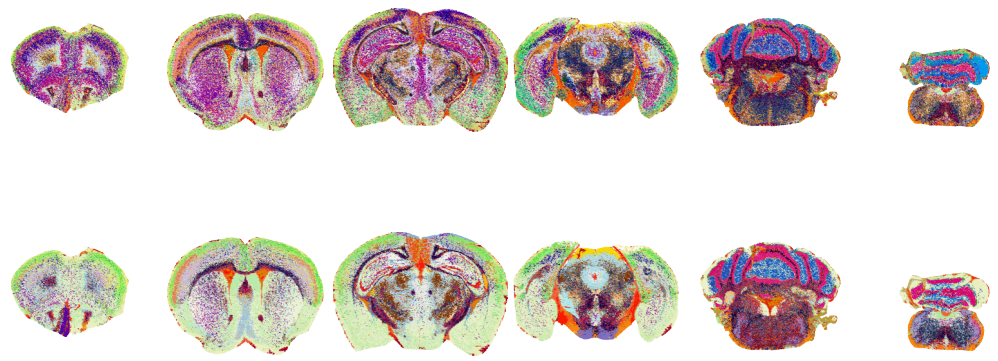


Differential lipids

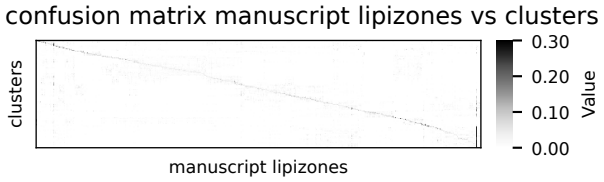


9 Leiden feature downsampling 75 seed 44

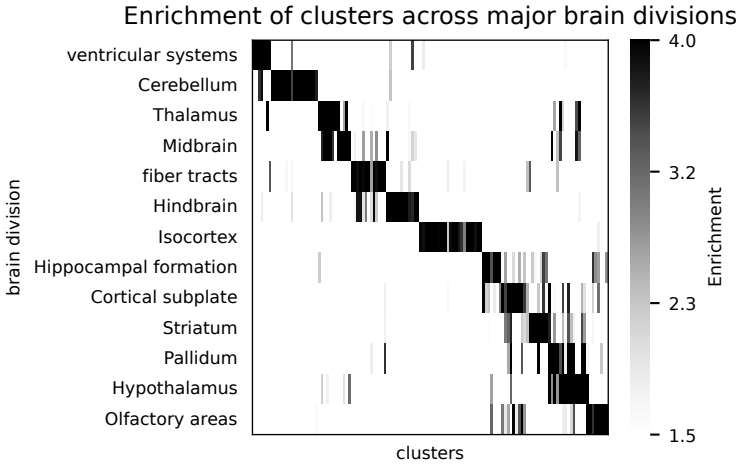
Manuscript lipizones (first row) vs clusters (second row)



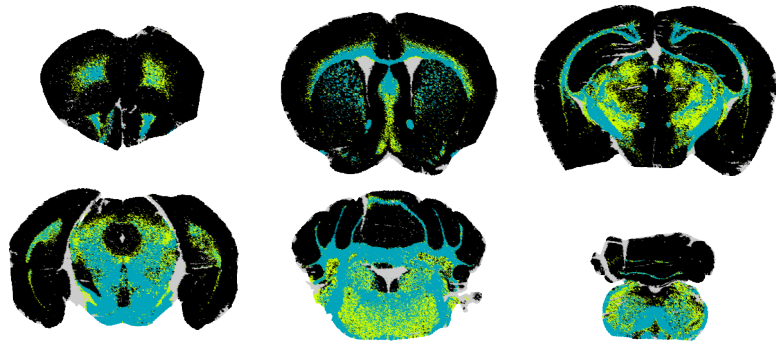
Sorted confusion matrix manuscript lipizones vs clusters



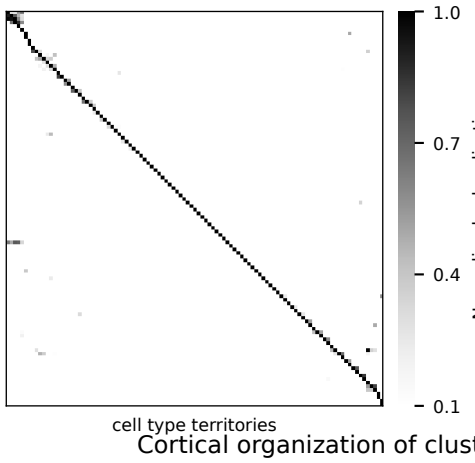
Enrichment of clusters across major brain divisions



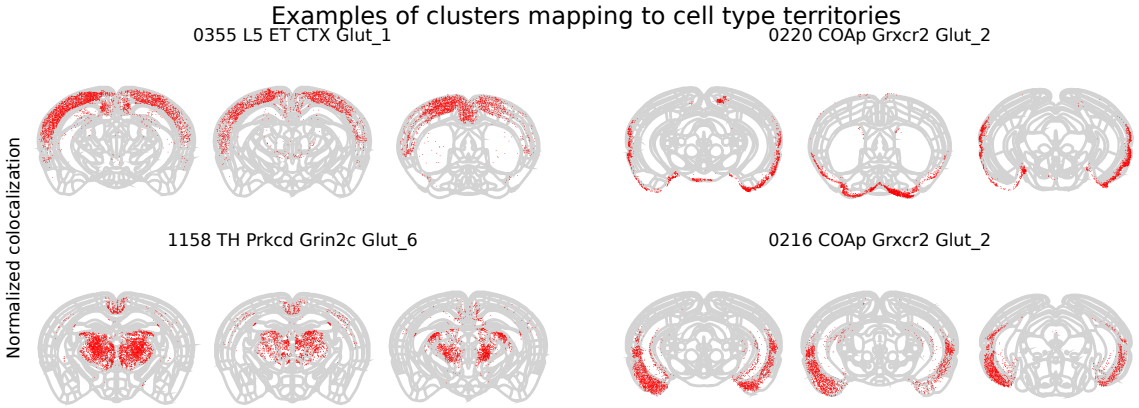
4 broad clusters



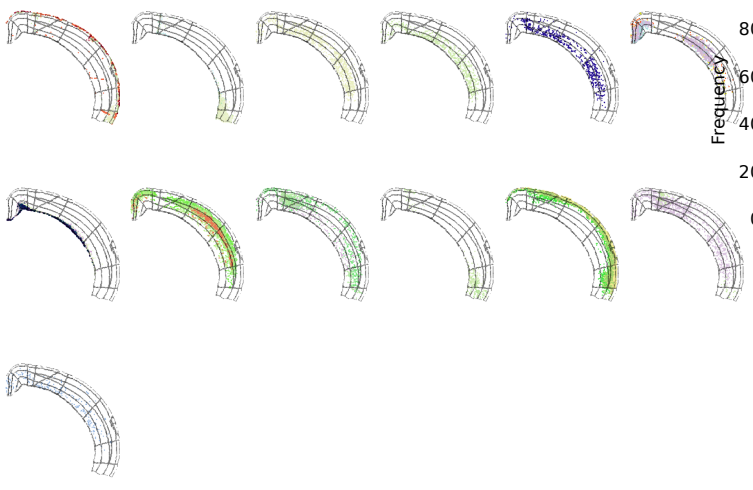
Clusters vs cell type territories



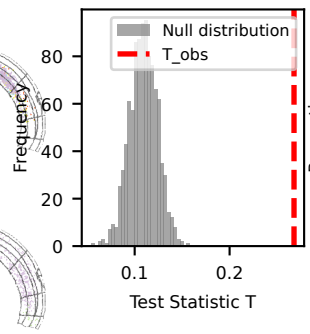
Examples of clusters mapping to cell type territories

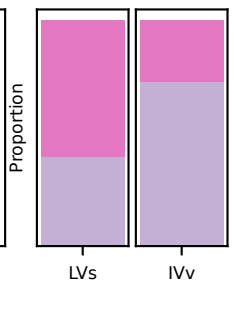


Cortical organization of clusters, incl. barrel cortex

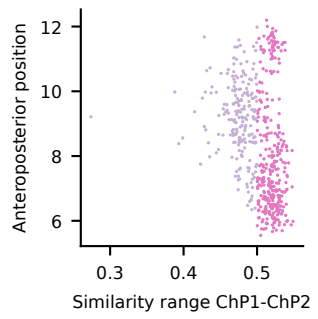


Connected regions sharing lipid clusters vs chance





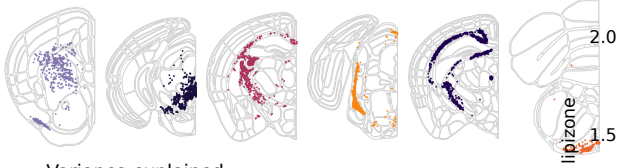
Two main lipizones in the ChP

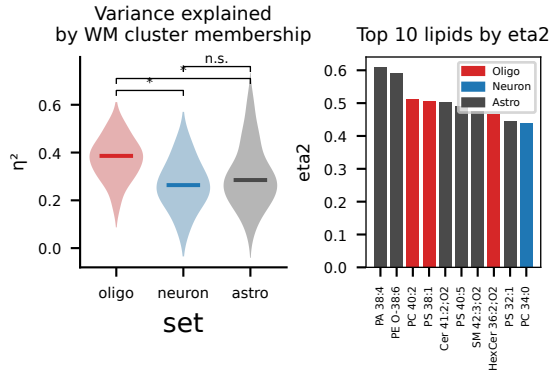


Cerebellar lipizone organization incl. granule cells layer

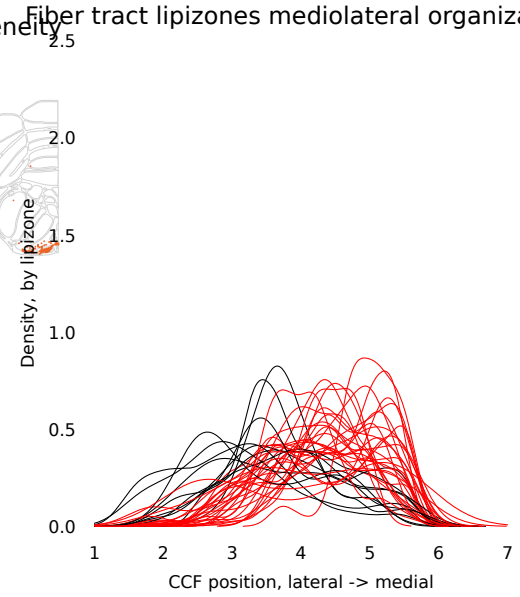


White matter lipizones regionalized heterogeneity





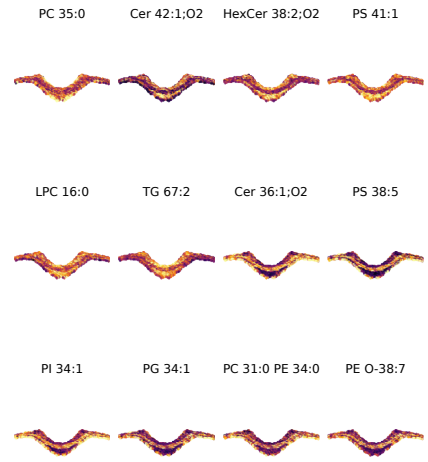
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

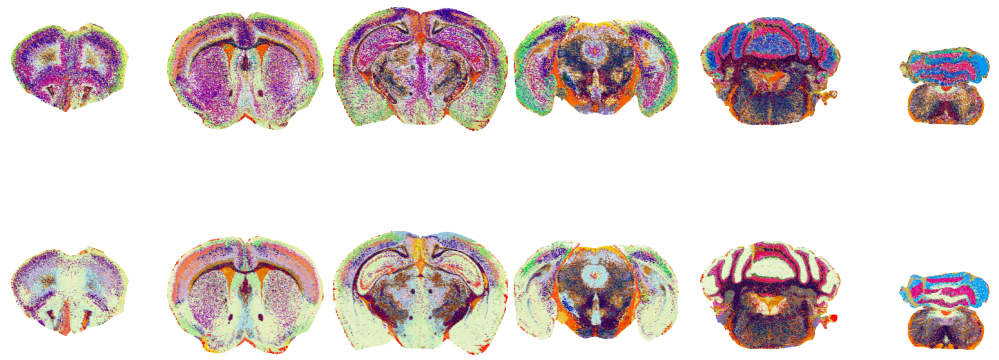


Differential lipids

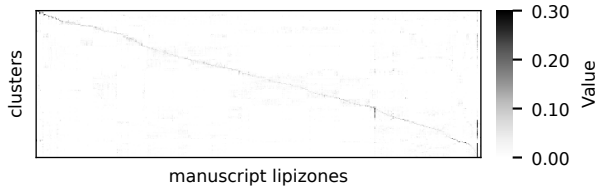


10 Leiden on lipiMap

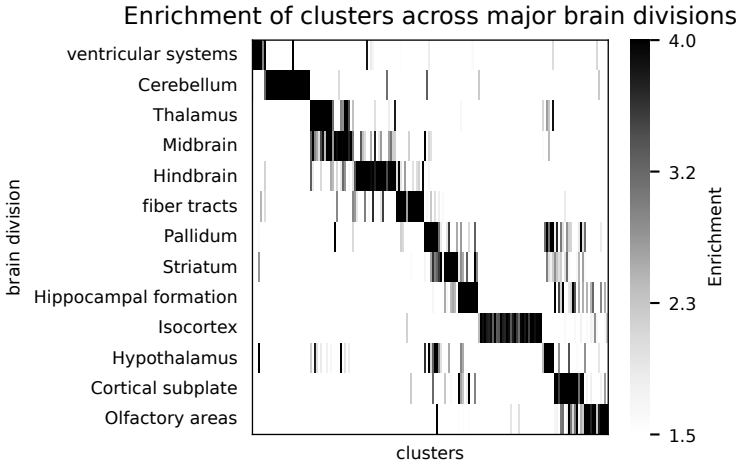
Manuscript lipizones (first row) vs clusters (second row)



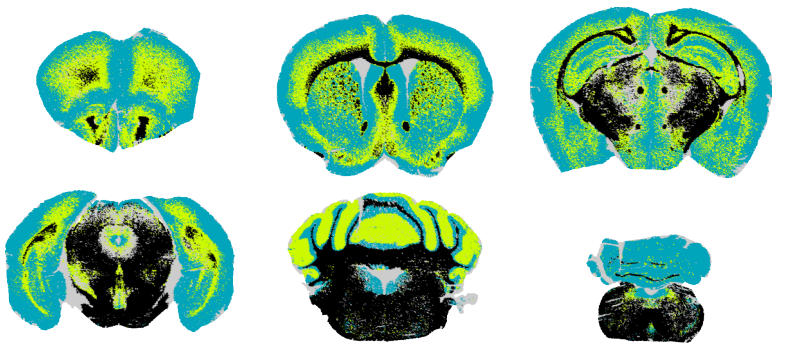
Sorted confusion matrix manuscript lipizones vs clusters



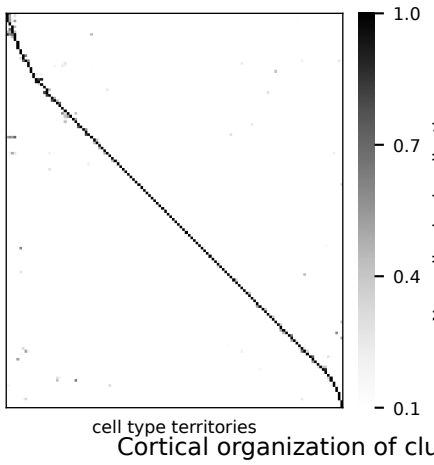
Enrichment of clusters across major brain divisions



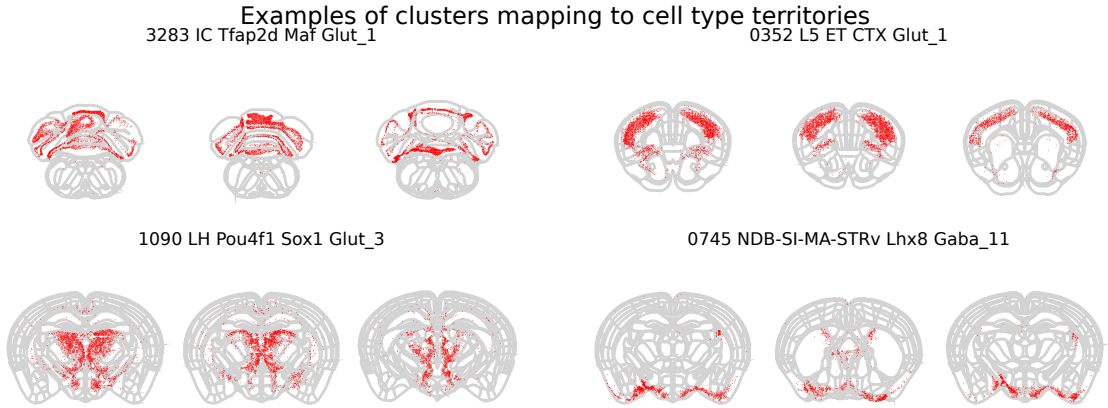
4 broad clusters



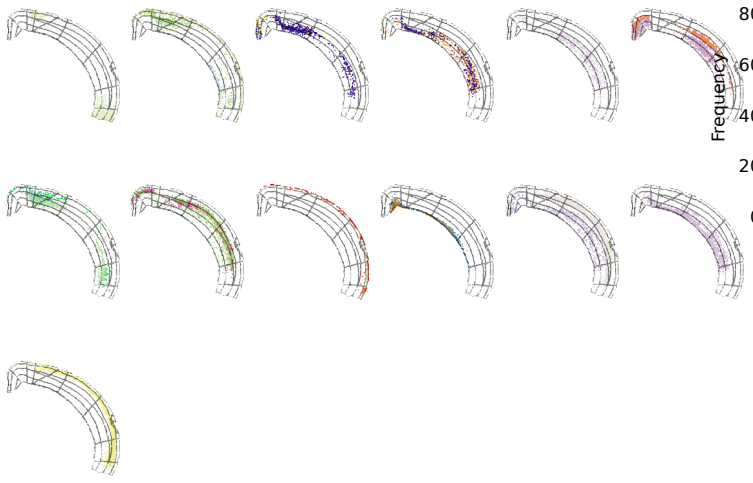
Clusters vs cell type territories



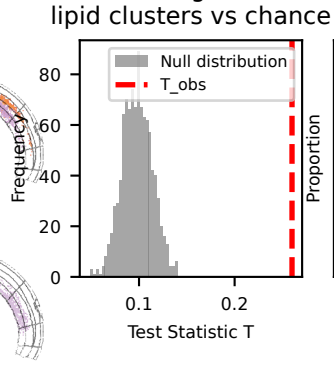
Examples of clusters mapping to cell type territories

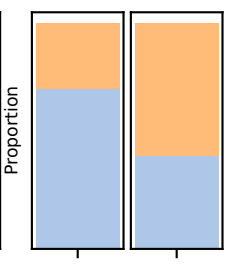


Cortical organization of clusters, incl. barrel cortex

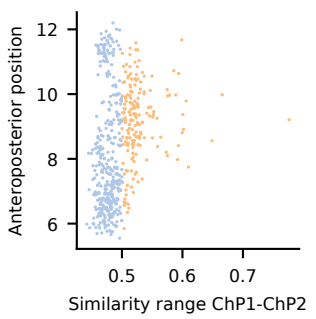


Connected regions sharing lipid clusters vs chance

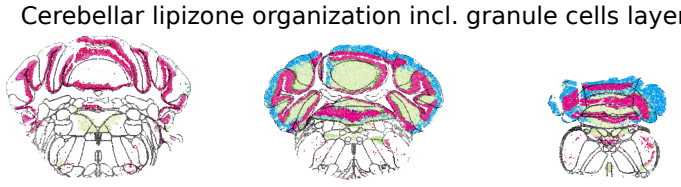




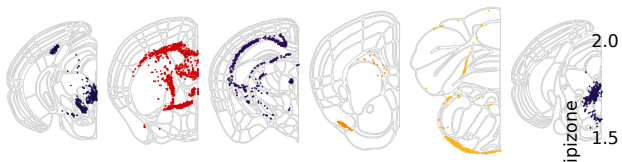
Two main lipizones in the ChP



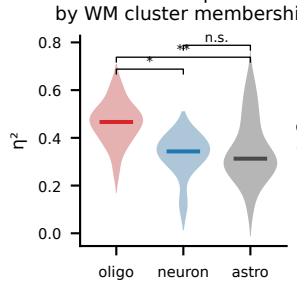
Cerebellar lipizone organization incl. granule cells layer



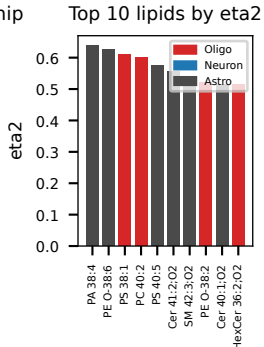
White matter lipizones regionalized heterogeneity



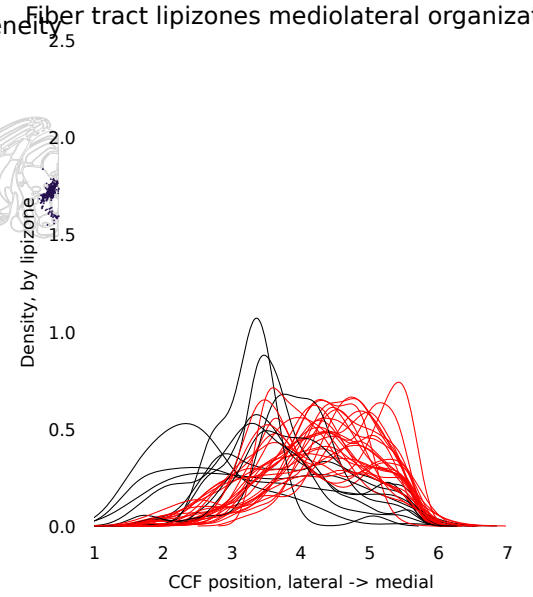
Variance explained by WM cluster membership



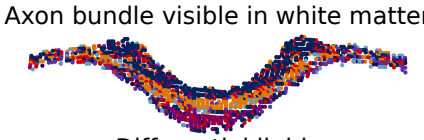
Top 10 lipids by eta2



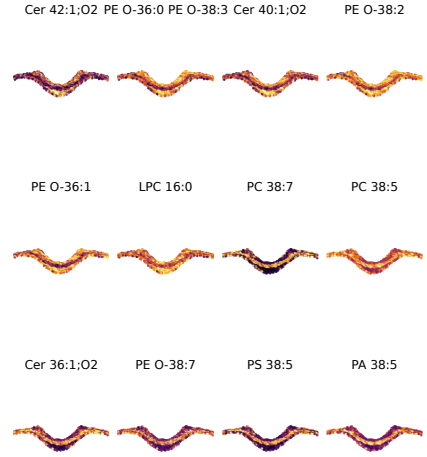
Fiber tract lipizones mediolateral organization



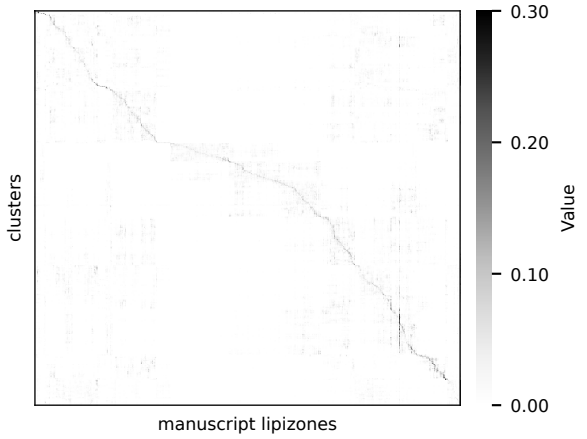
Axon bundle visible in white matter



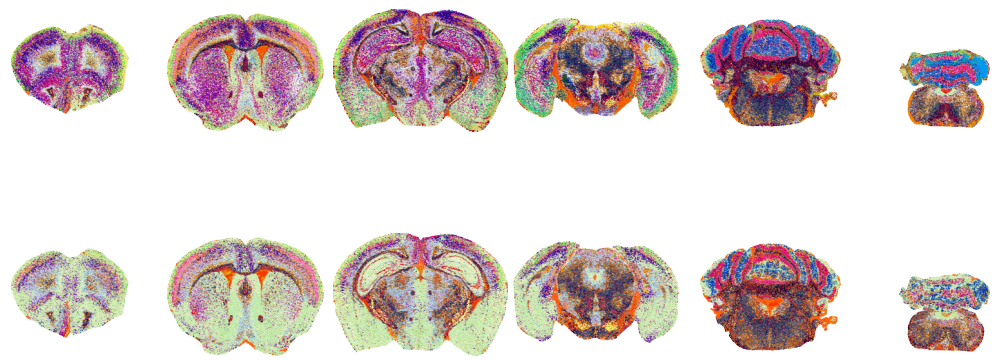
Differential lipids



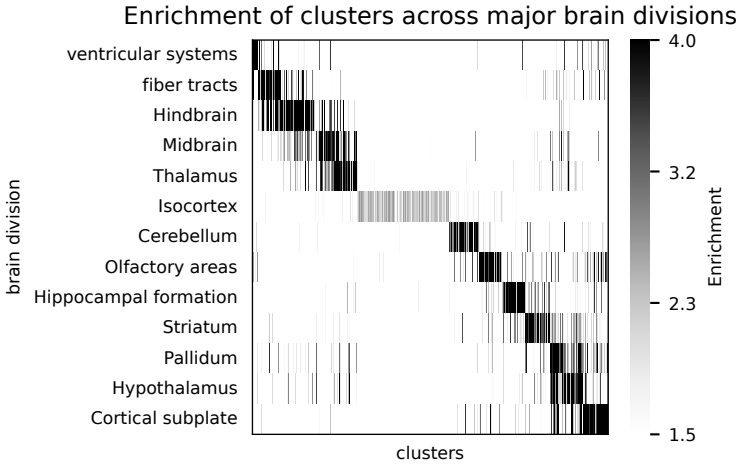
Sorted confusion matrix manuscript lipizones vs clusters



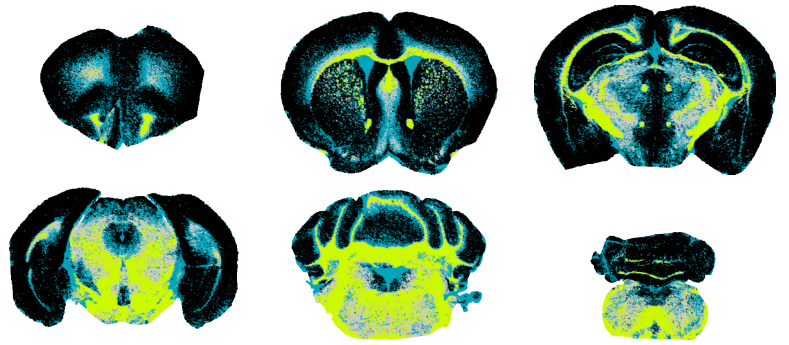
Manuscript lipizones (first row) vs clusters (second row)



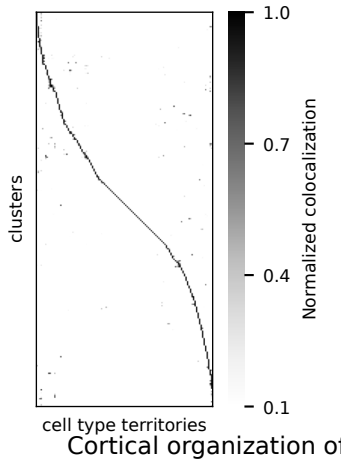
Enrichment of clusters across major brain divisions



4 broad clusters



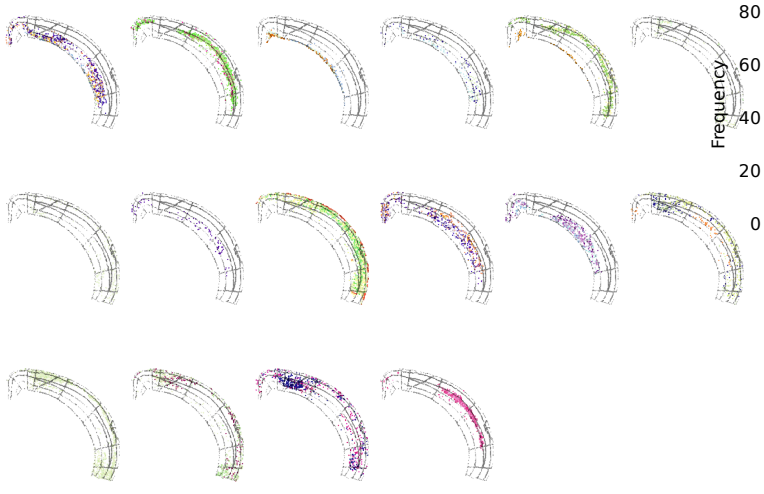
Clusters vs cell type territories



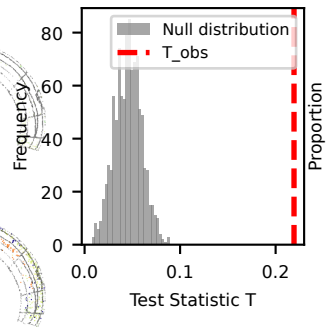
Examples of clusters mapping to cell type territories



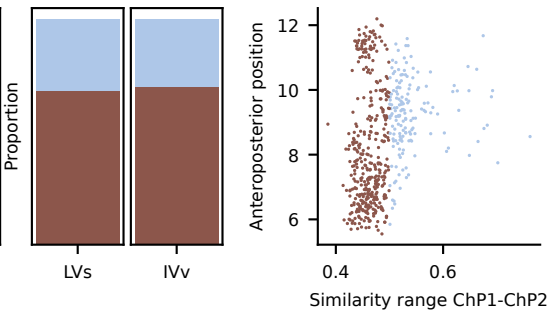
Cortical organization of clusters, incl. barrel cortex



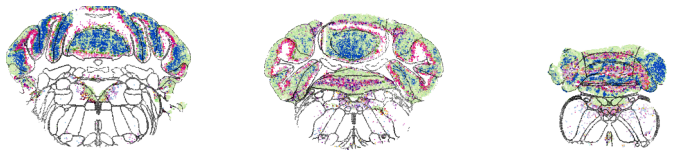
Connected regions sharing lipid clusters vs chance



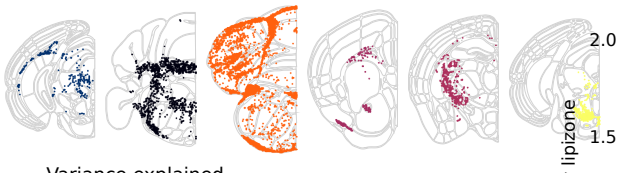
Two main lipizones in the ChP



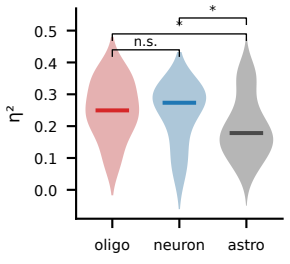
Cerebellar lipizone organization incl. granule cells layer



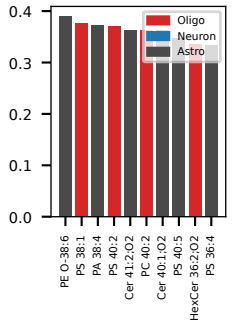
White matter lipizones regionalized heterogeneity



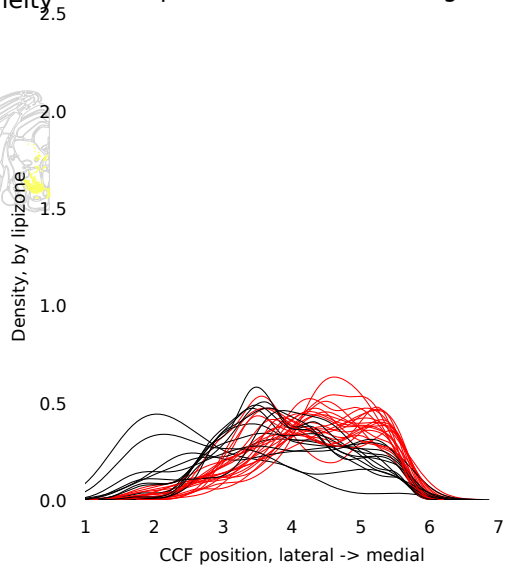
Variance explained by WM cluster membership



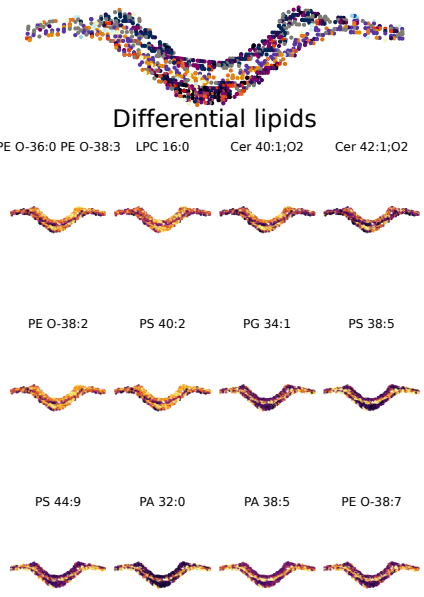
Top 10 lipids by eta2



Fiber tract lipizones mediolateral organization

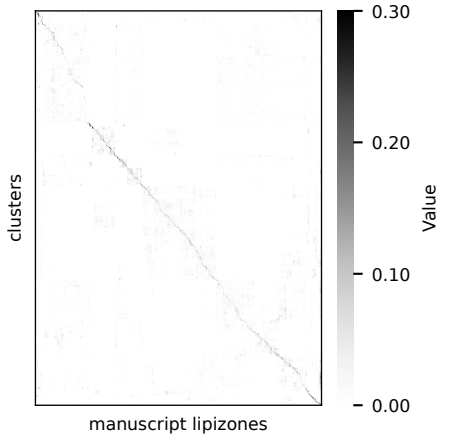


Axon bundle visible in white matter

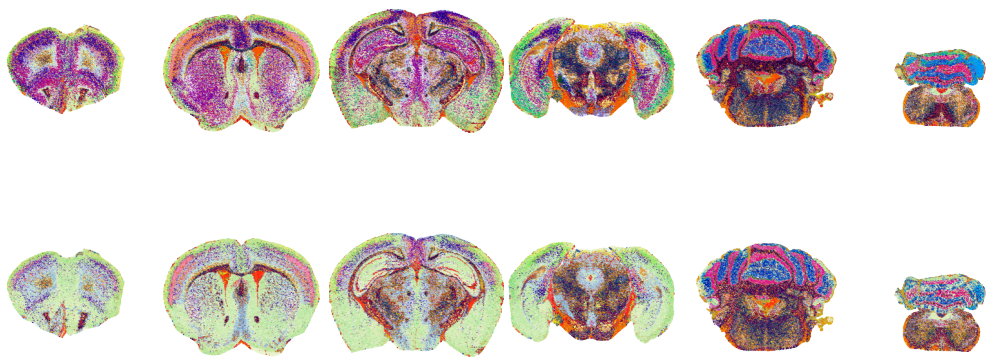


Transferred from splitter trained on second atlas

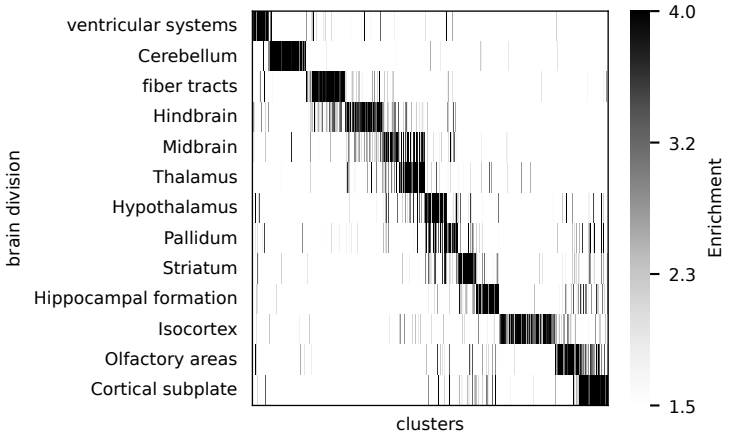
Sorted confusion matrix manuscript lipizones vs clusters



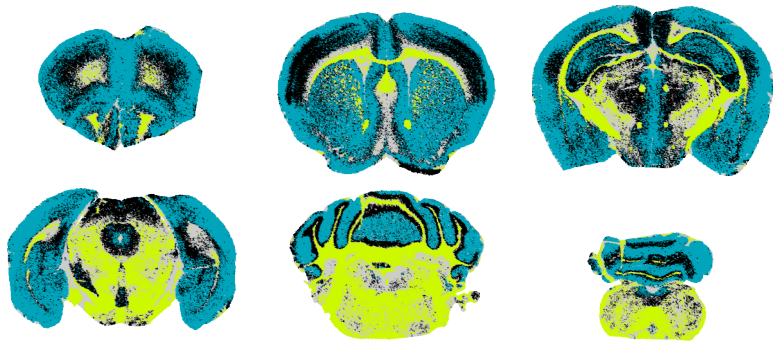
Manuscript lipizones (first row) vs clusters (second row)



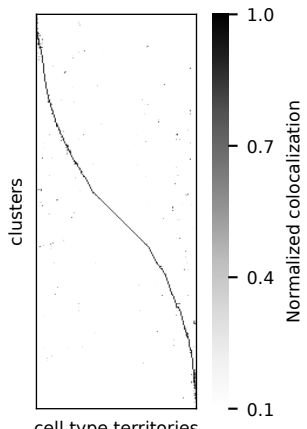
Enrichment of clusters across major brain divisions



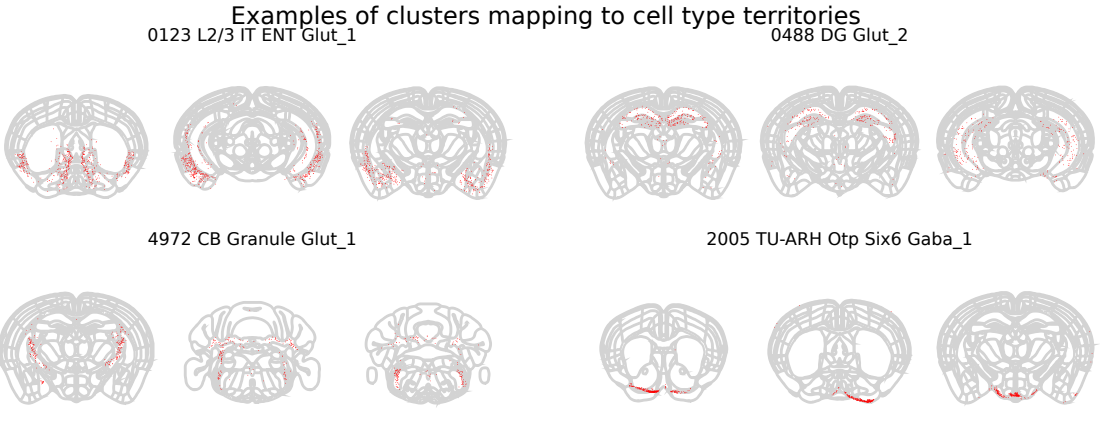
4 broad clusters



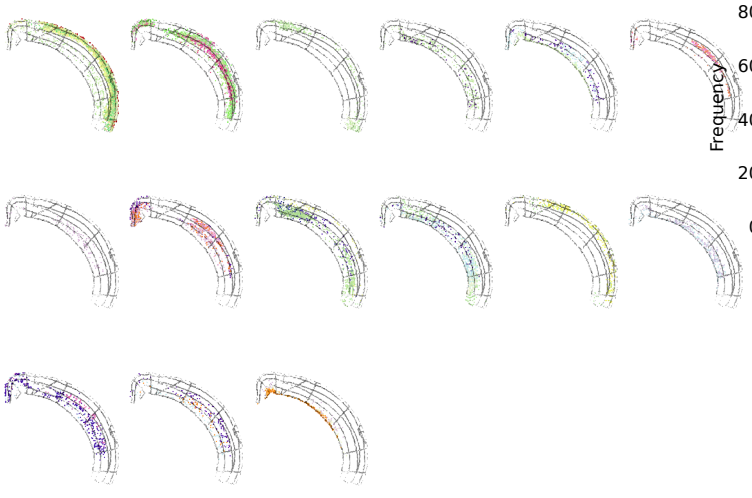
Clusters vs cell type territories



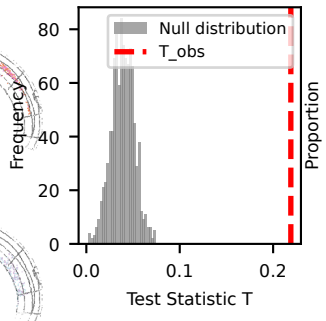
Examples of clusters mapping to cell type territories

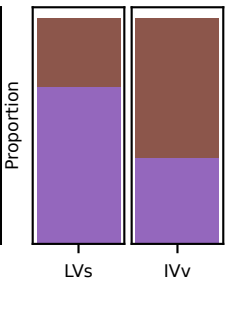


Cortical organization of clusters, incl. barrel cortex

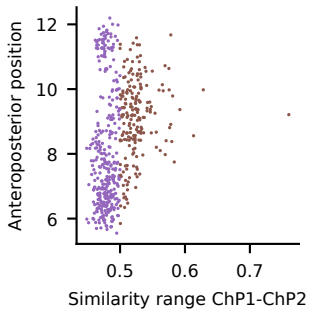


Connected regions sharing lipid clusters vs chance





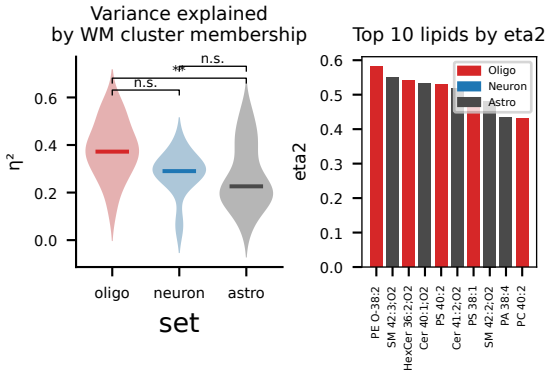
Two main lipizones in the ChP



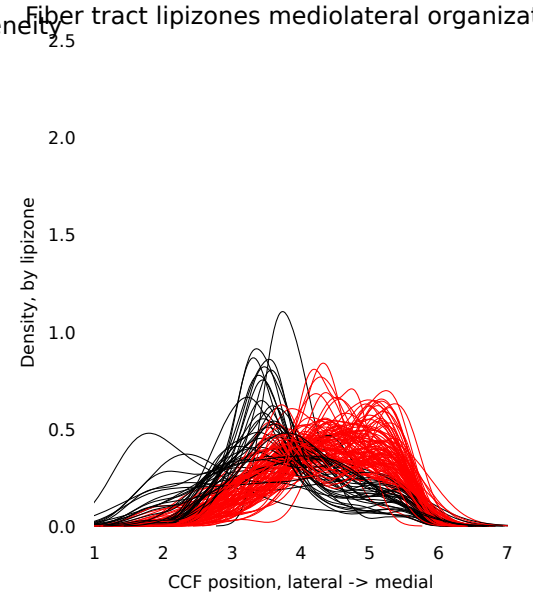
Cerebellar lipizone organization incl. granule cells layer



White matter lipizones regionalized heterogeneity



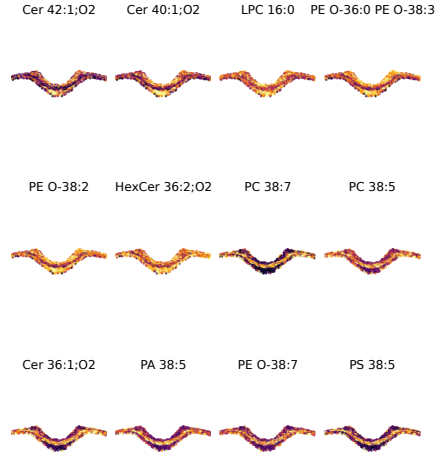
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

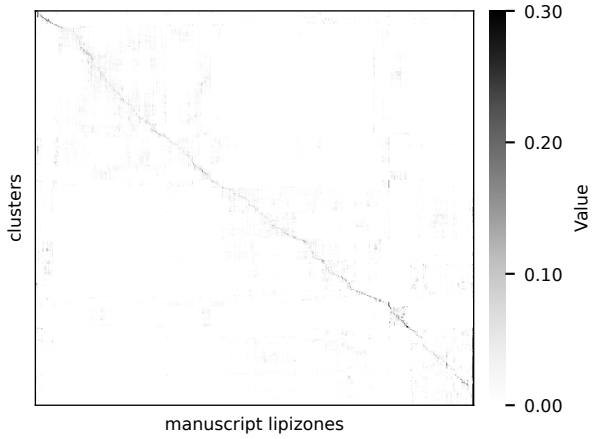


Differential lipids

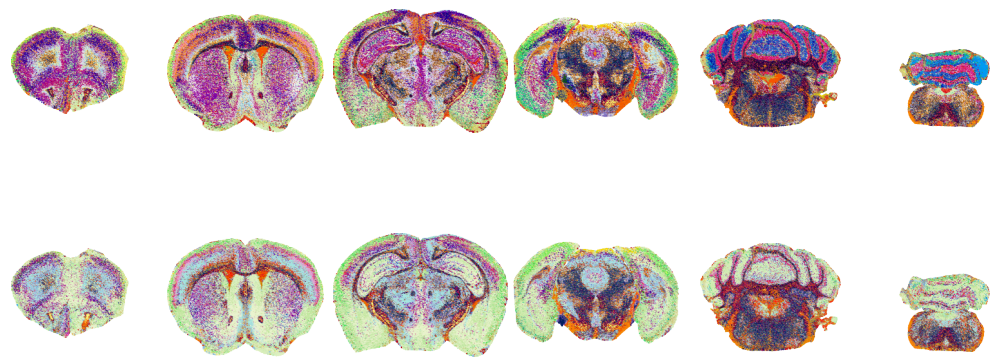


13 **Splitter downsampling 60 seed 13**

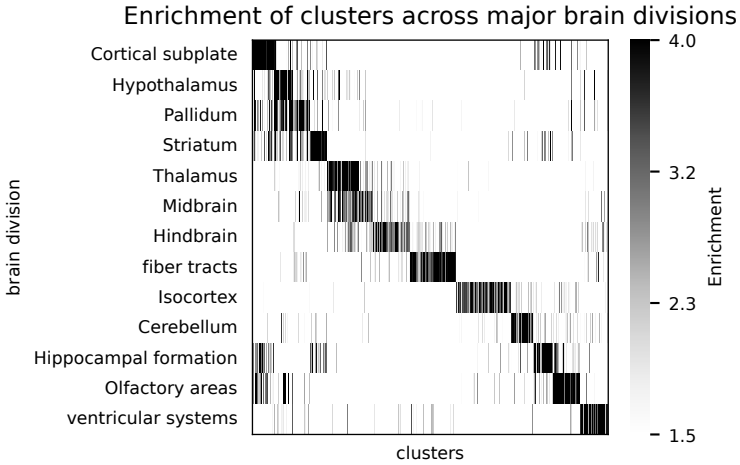
Sorted confusion matrix manuscript lipizones vs clusters



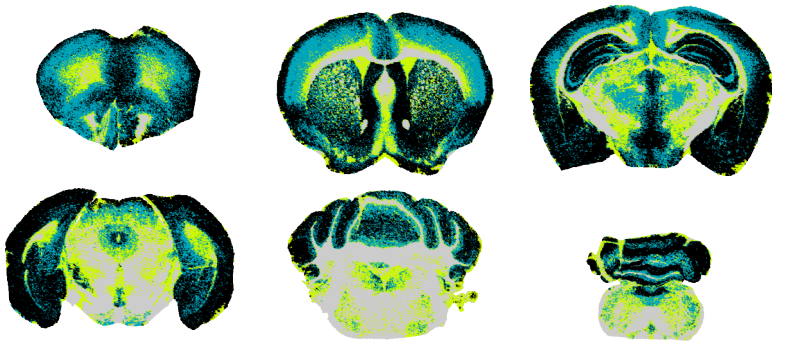
Manuscript lipizones (first row) vs clusters (second row)



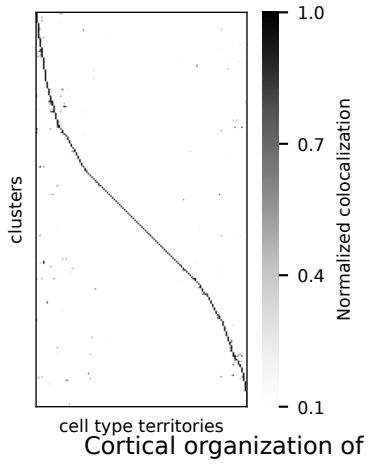
Enrichment of clusters across major brain divisions



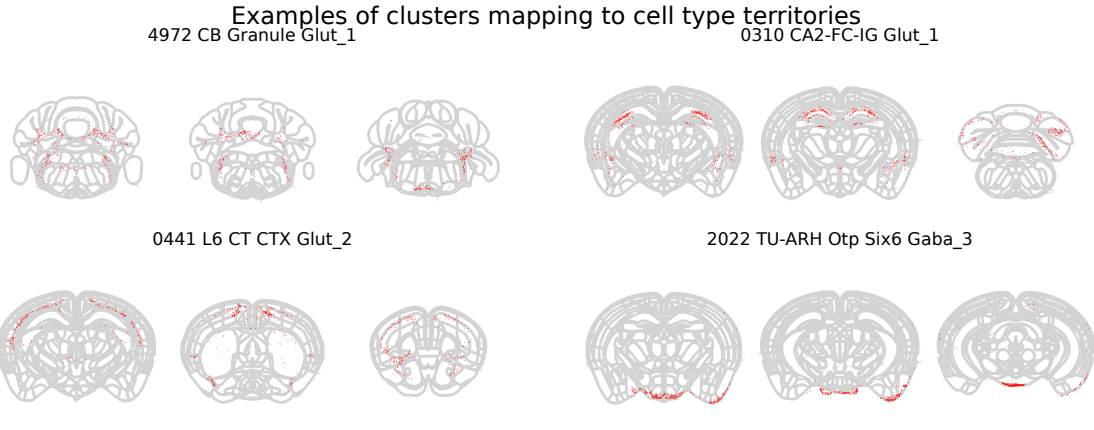
4 broad clusters



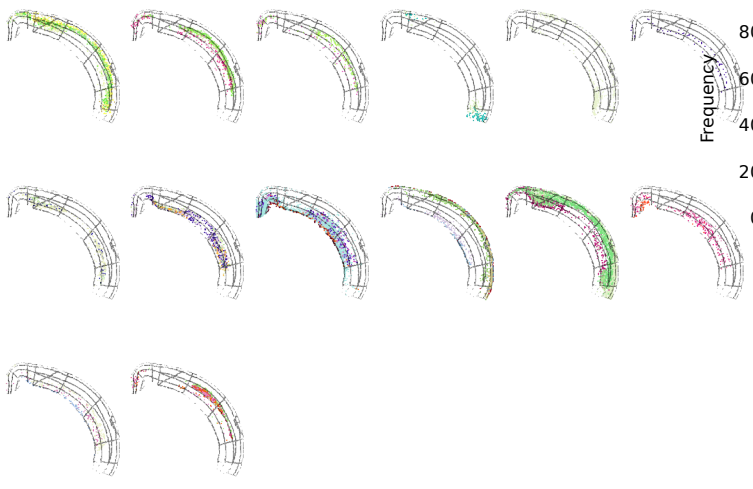
Clusters vs cell type territories



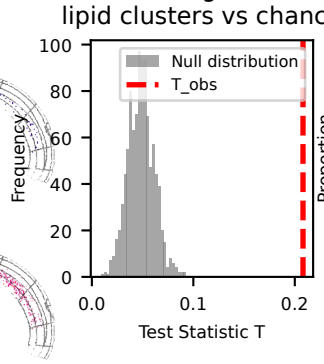
Examples of clusters mapping to cell type territories



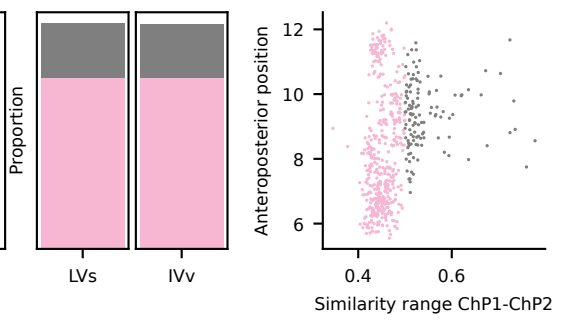
Cortical organization of clusters, incl. barrel cortex



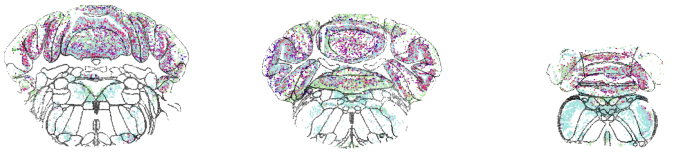
Connected regions sharing lipid clusters vs chance



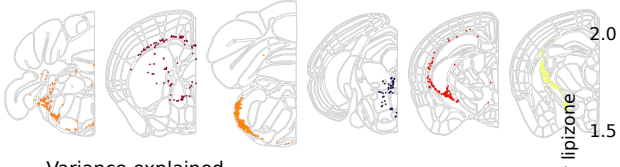
Two main lipizones in the ChP



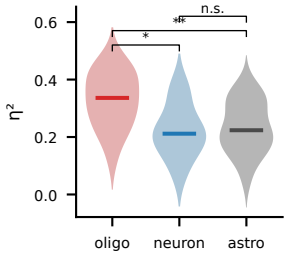
Cerebellar lipizone organization incl. granule cells layer



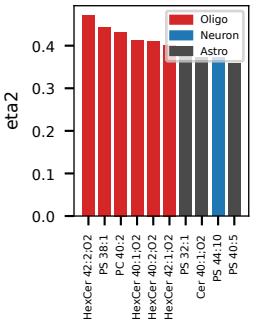
White matter lipizones regionalized heterogeneity



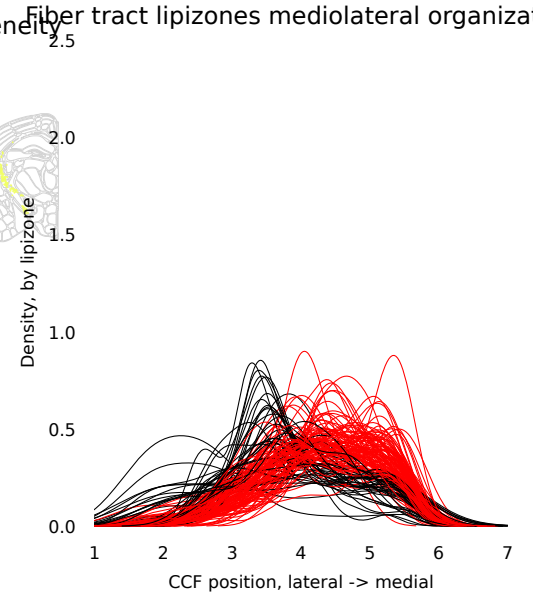
Variance explained by WM cluster membership



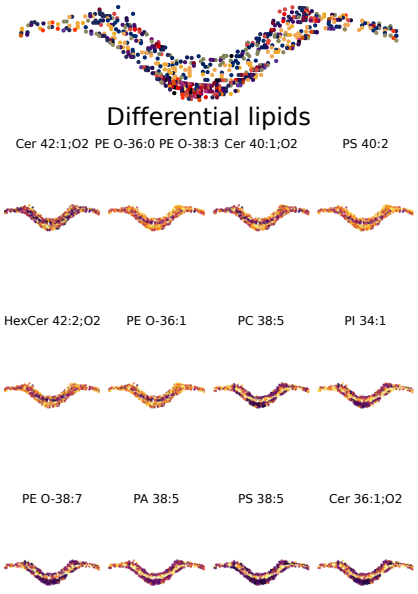
Top 10 lipids by eta2



Fiber tract lipizones mediolateral organization

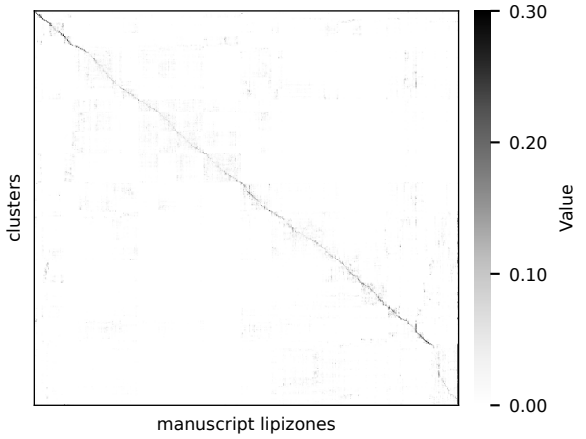


Axon bundle visible in white matter

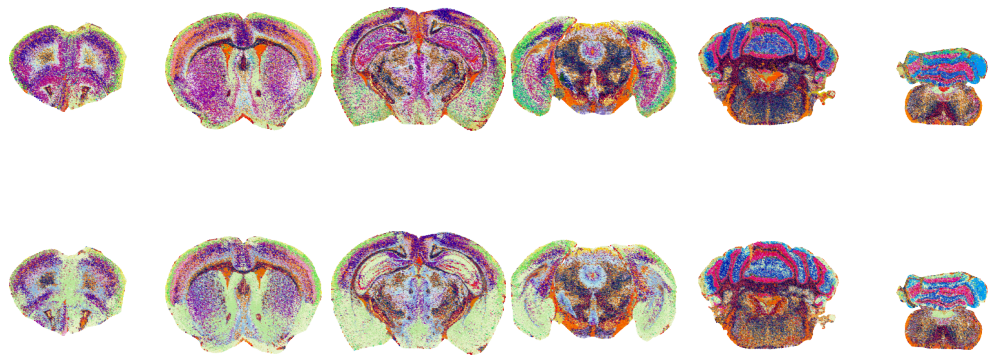


Splitter downsampling 60 seed 52

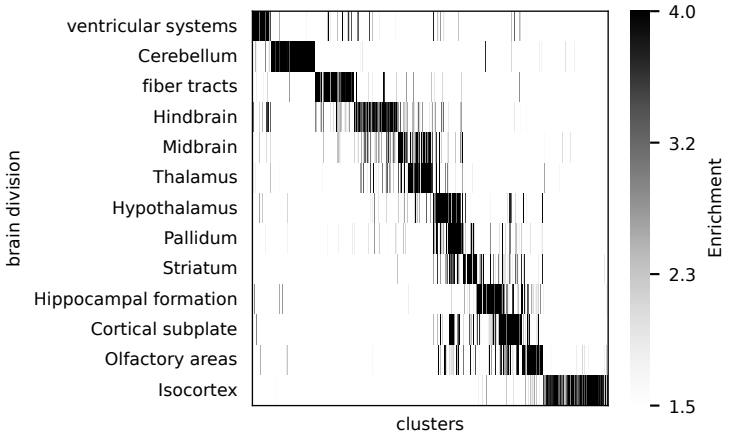
Sorted confusion matrix manuscript lipizones vs clusters



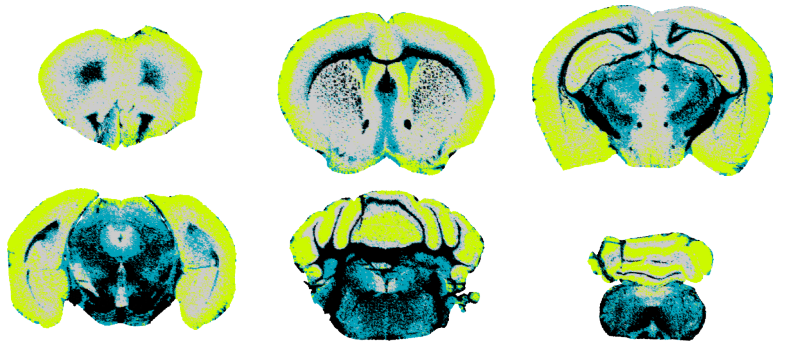
Manuscript lipizones (first row) vs clusters (second row)



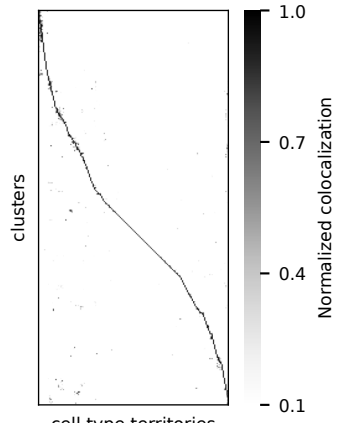
Enrichment of clusters across major brain divisions



4 broad clusters

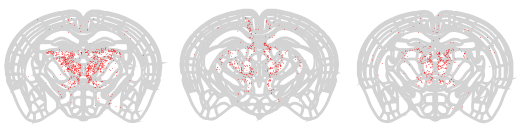


Clusters vs cell type territories



Examples of clusters mapping to cell type territories

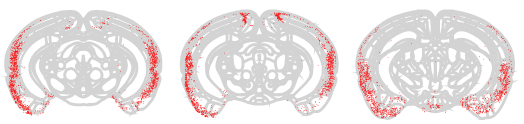
1145 TH Prkcd Grin2c Glut_2



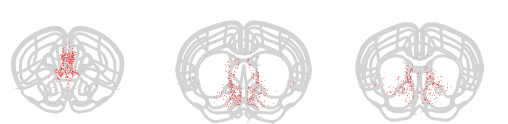
0169 IT AON-TT-DP Glut_1



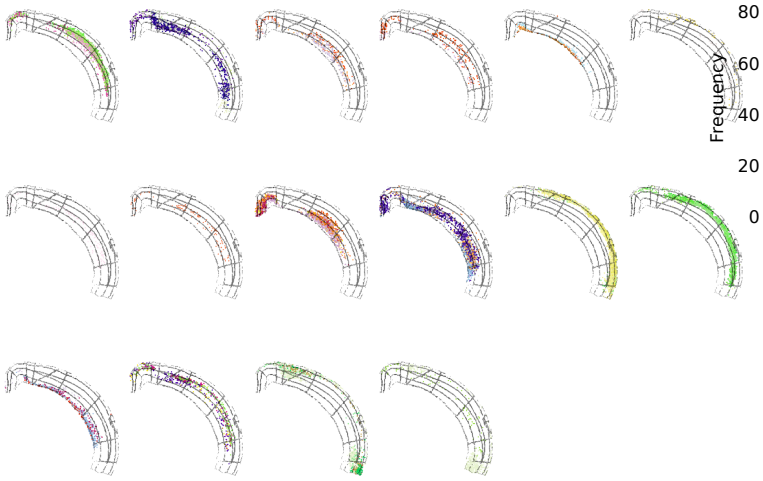
0136 L2/3 IT ENT Glut_6



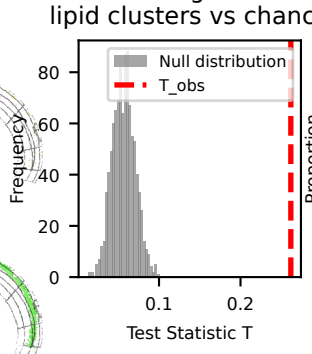
0167 IT AON-TT-DP Glut_1



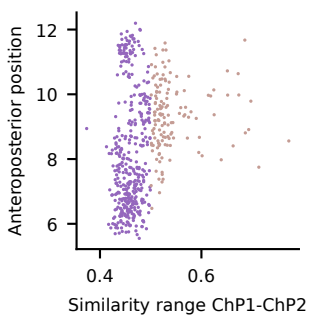
Cortical organization of clusters, incl. barrel cortex



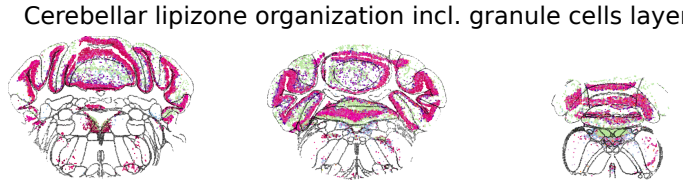
Connected regions sharing lipid clusters vs chance



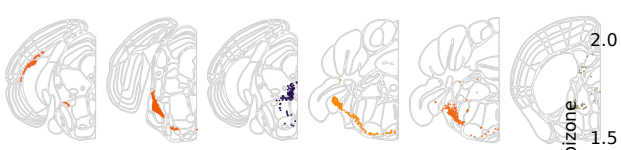
Two main lipizones in the ChP



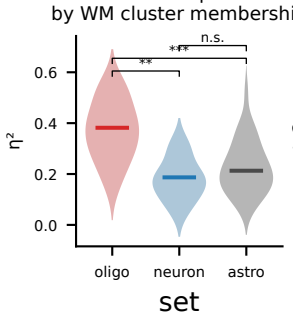
Cerebellar lipizone organization incl. granule cells layer



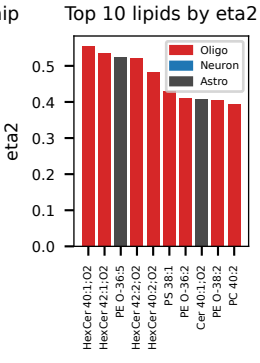
White matter lipizones regionalized heterogeneity



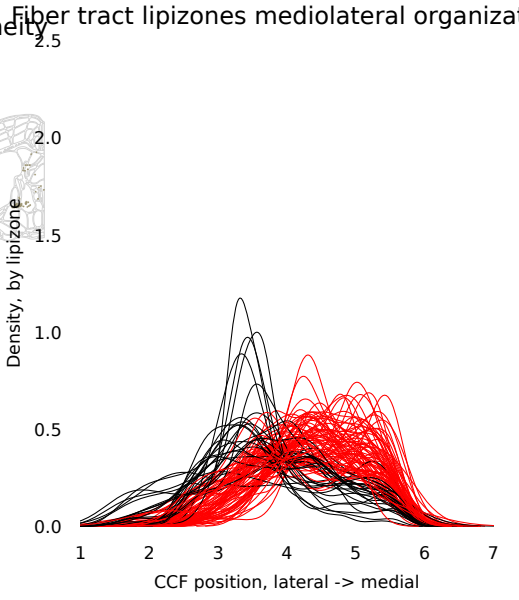
Variance explained by WM cluster membership



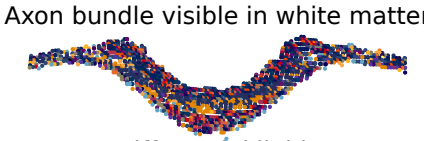
Top 10 lipids by eta2



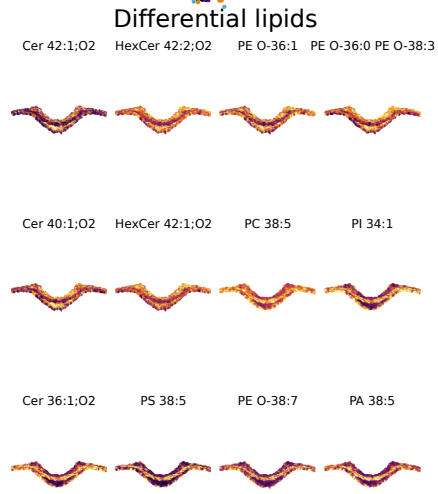
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

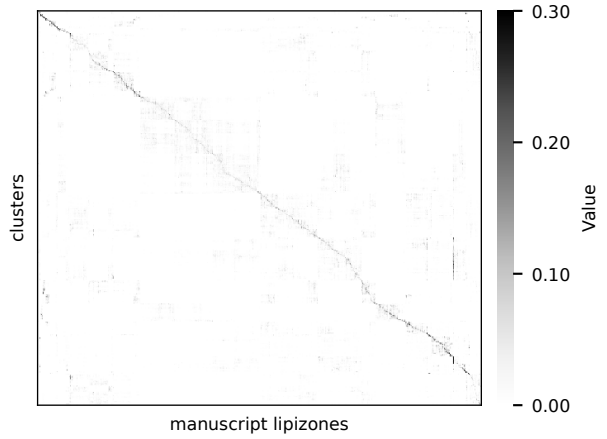


Differential lipids

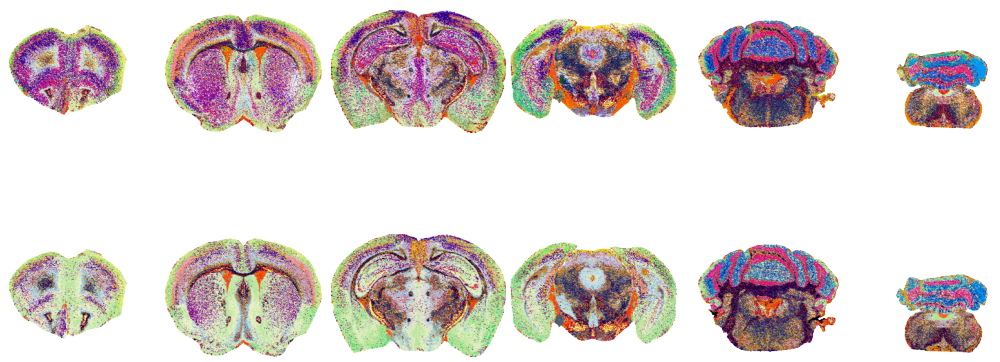


Splitter downsampling 60 seed 73

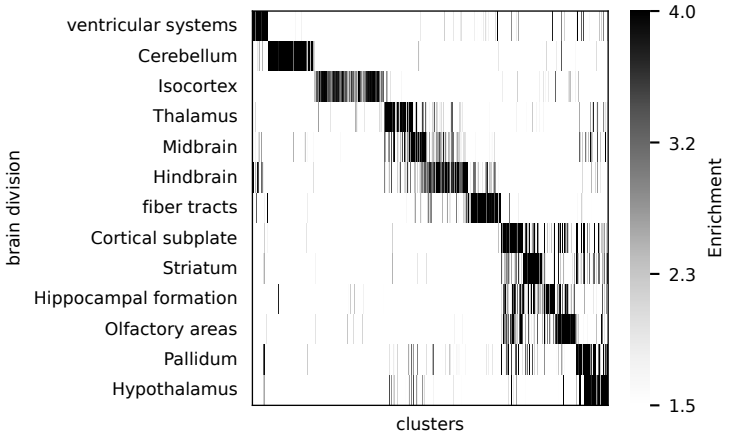
Sorted confusion matrix manuscript lipizones vs clusters



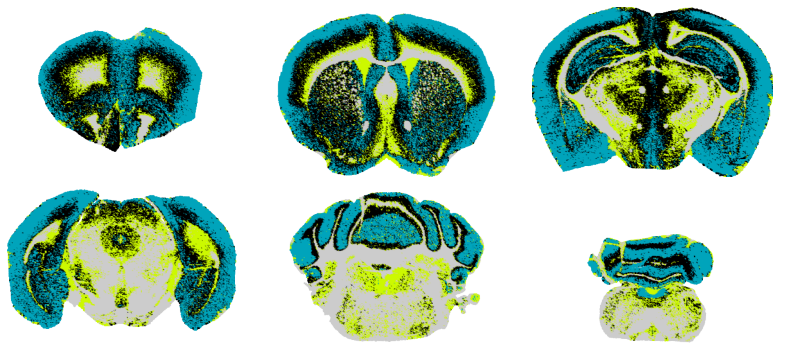
Manuscript lipizones (first row) vs clusters (second row)



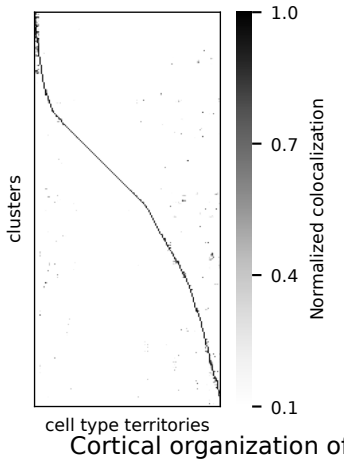
Enrichment of clusters across major brain divisions



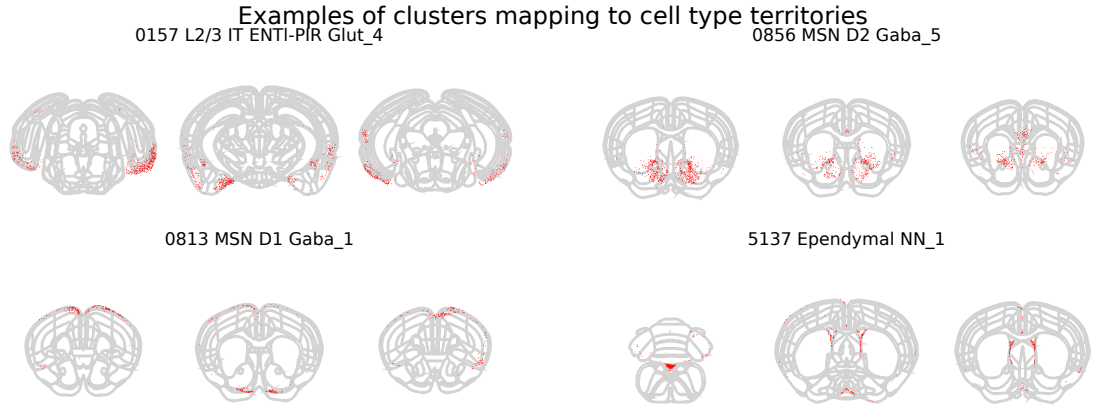
4 broad clusters



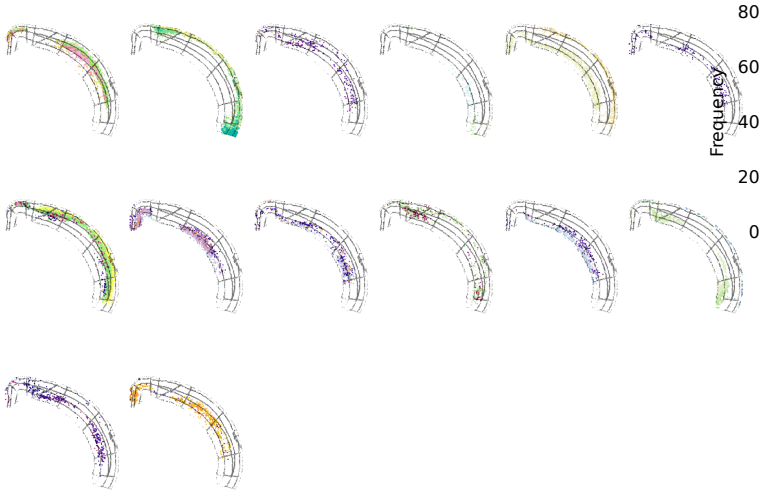
Clusters vs cell type territories



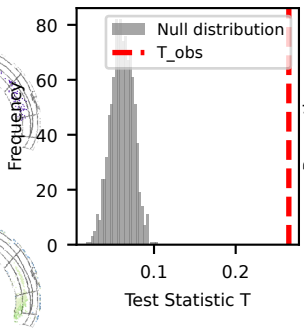
Examples of clusters mapping to cell type territories



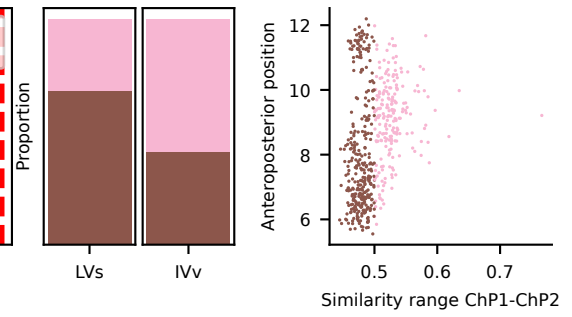
Cortical organization of clusters, incl. barrel cortex



Connected regions sharing lipid clusters vs chance



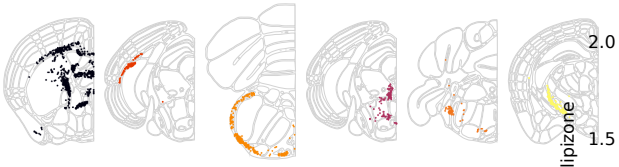
Two main lipizones in the ChP



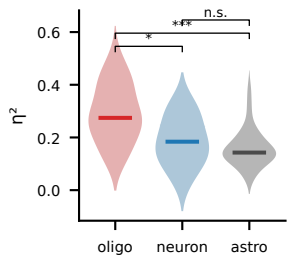
Cerebellar lipizone organization incl. granule cells layer



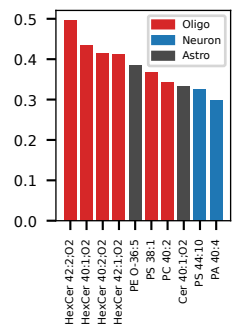
White matter lipizones regionalized heterogeneity



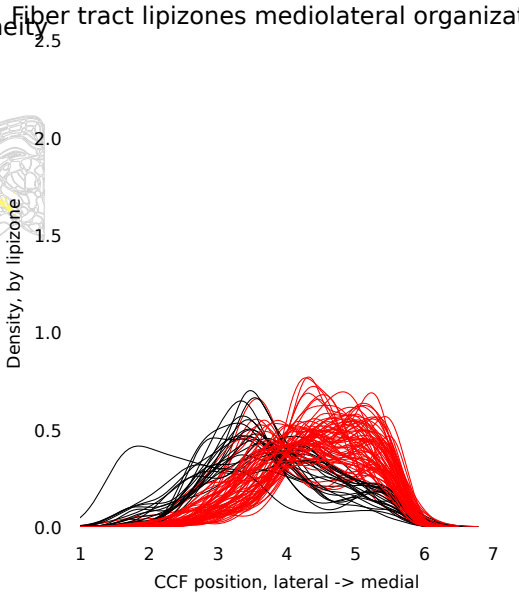
Variance explained by WM cluster membership



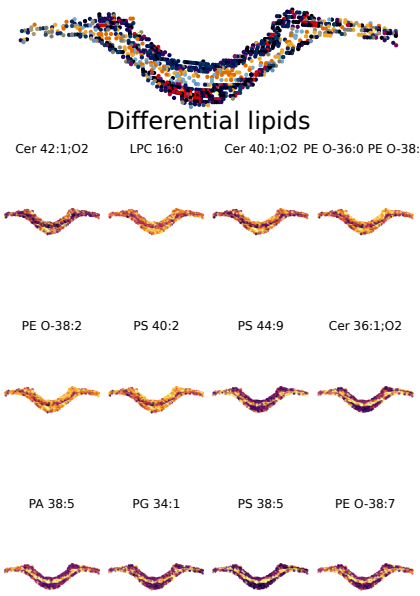
Top 10 lipids by eta2



Fiber tract lipizones mediolateral organization

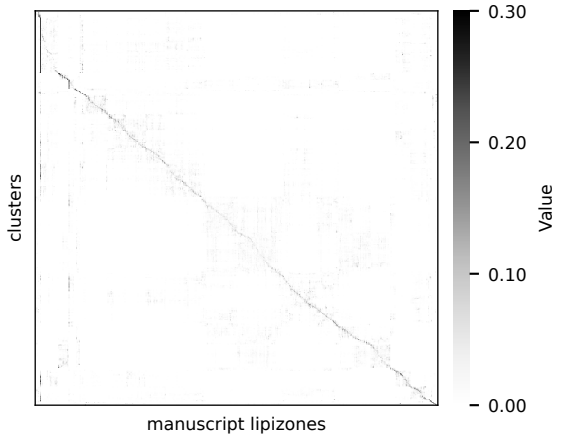


Axon bundle visible in white matter

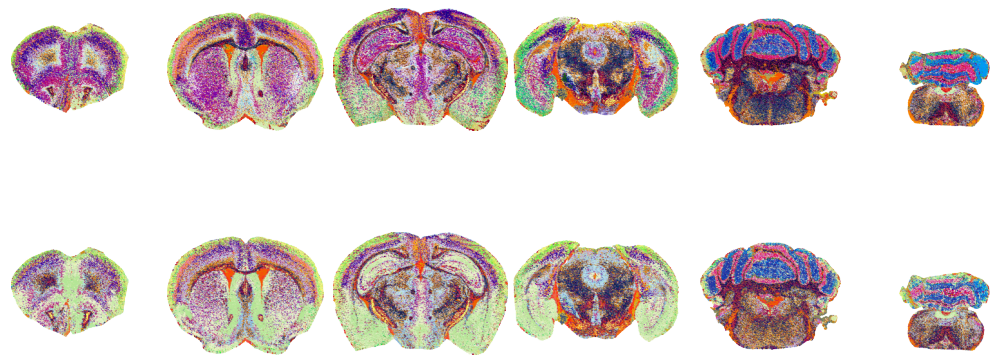


Splitter downsampling 75 seed 15

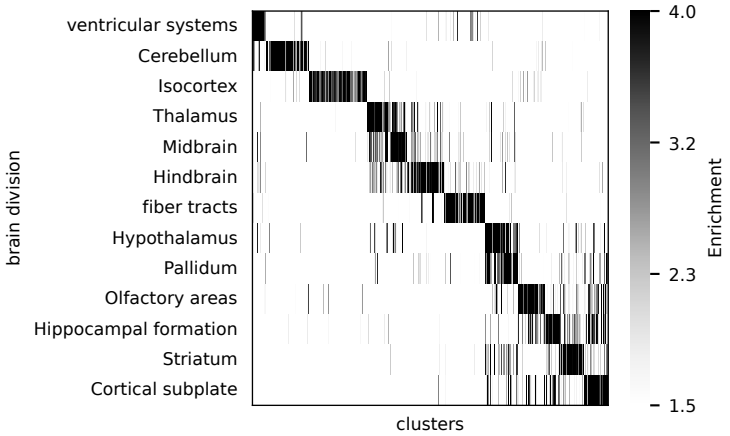
Sorted confusion matrix manuscript lipizones vs clusters



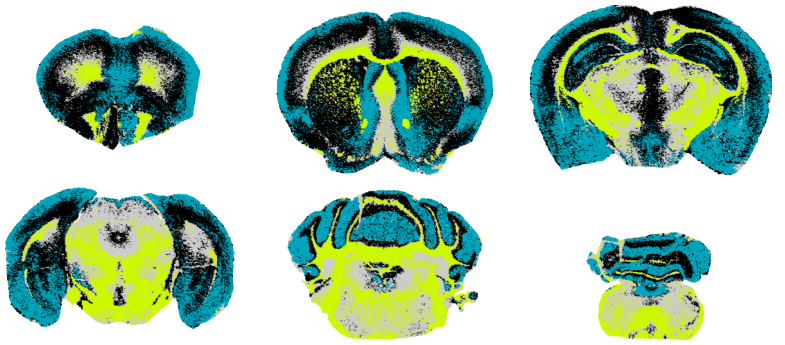
Manuscript lipizones (first row) vs clusters (second row)



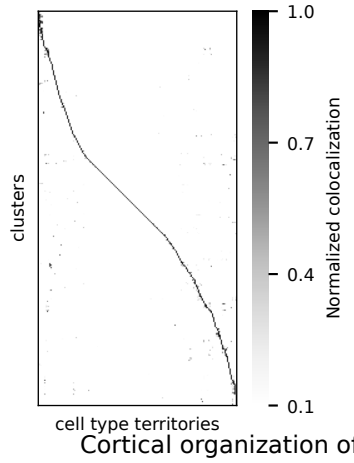
Enrichment of clusters across major brain divisions



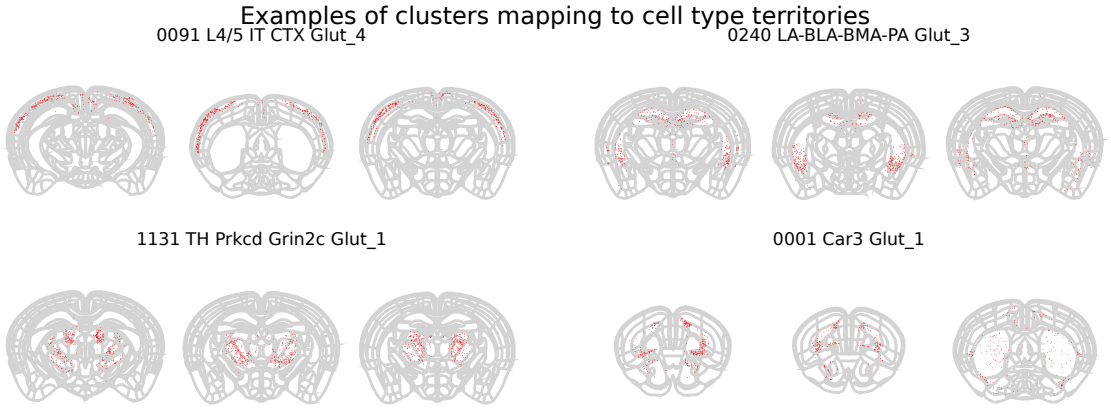
4 broad clusters



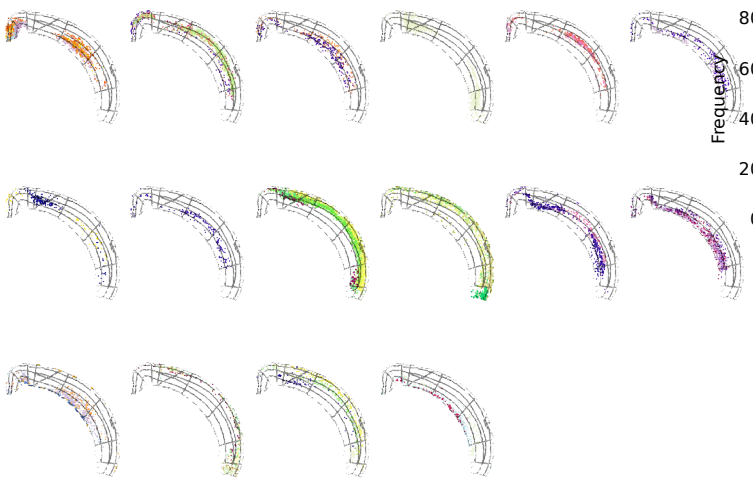
Clusters vs cell type territories



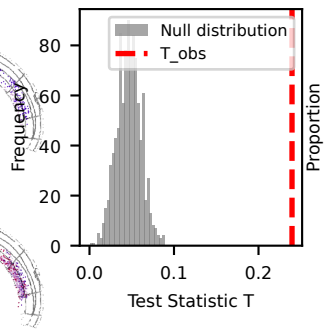
Examples of clusters mapping to cell type territories

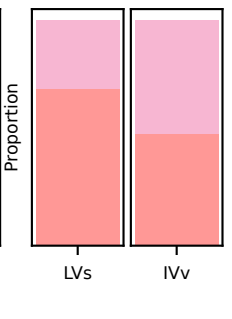


Cortical organization of clusters, incl. barrel cortex

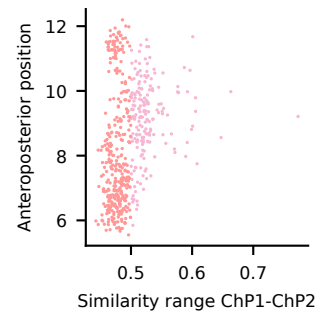


Connected regions sharing lipid clusters vs chance

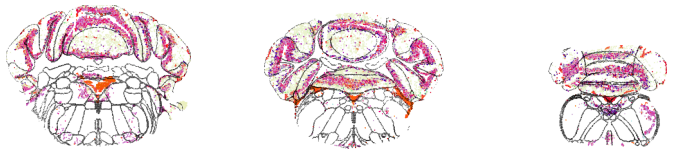




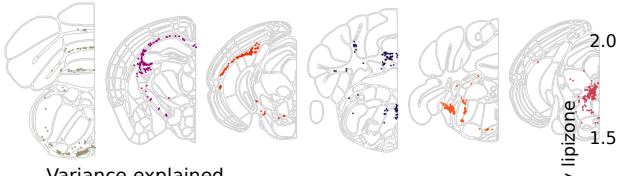
Two main lipizones in the ChP



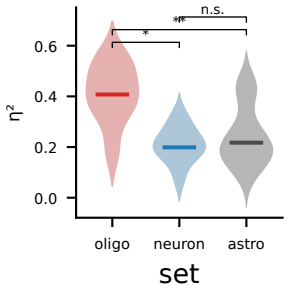
Cerebellar lipizone organization incl. granule cells layer



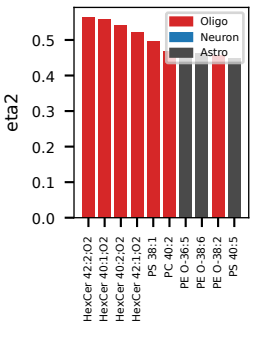
White matter lipizones regionalized heterogeneity



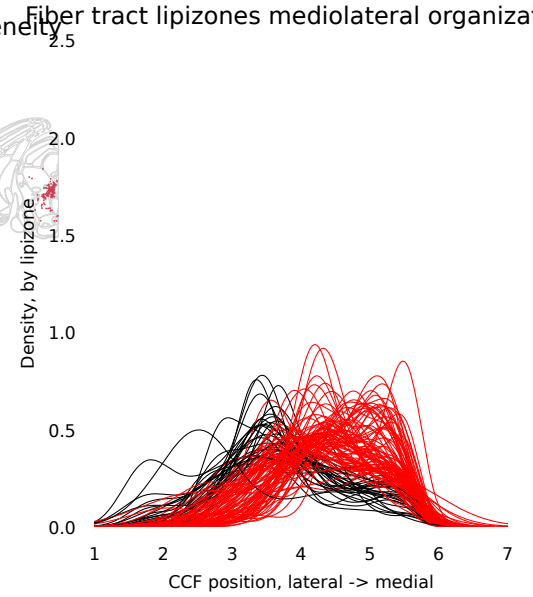
Variance explained by WM cluster membership



Top 10 lipids by eta2



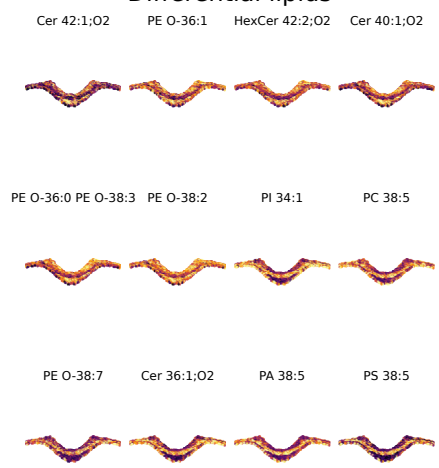
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

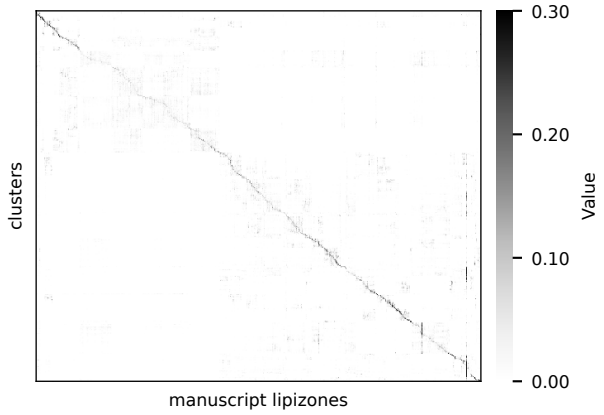


Differential lipids

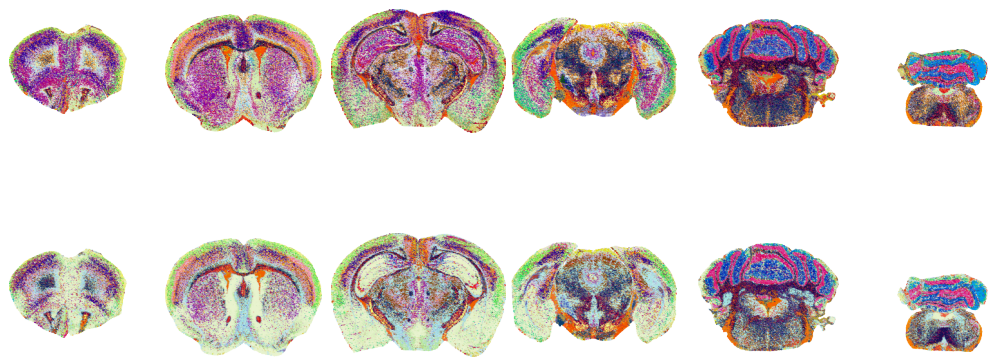


17 Splitter downsampling 75 seed 32

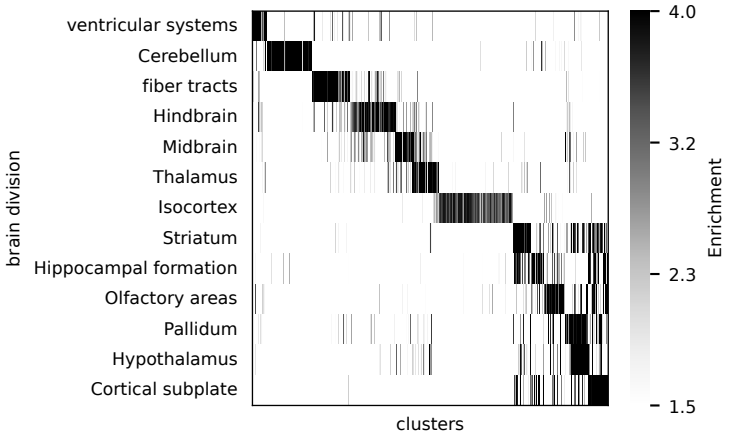
Sorted confusion matrix manuscript lipizones vs clusters



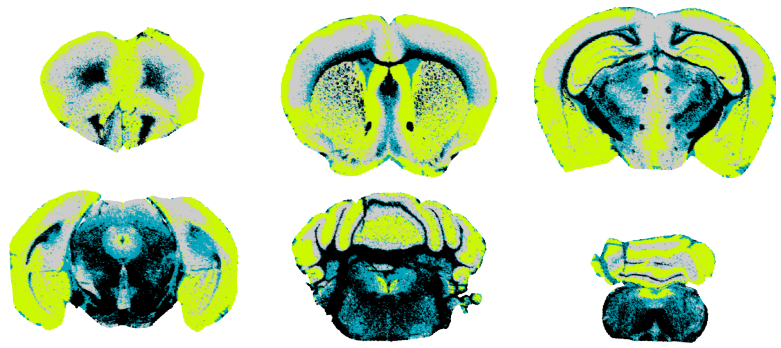
Manuscript lipizones (first row) vs clusters (second row)



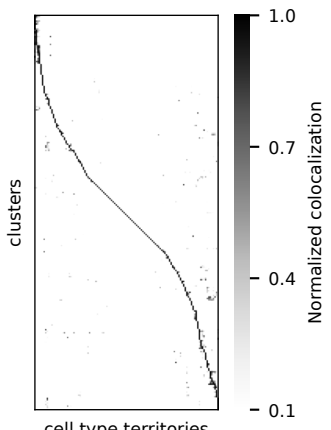
Enrichment of clusters across major brain divisions



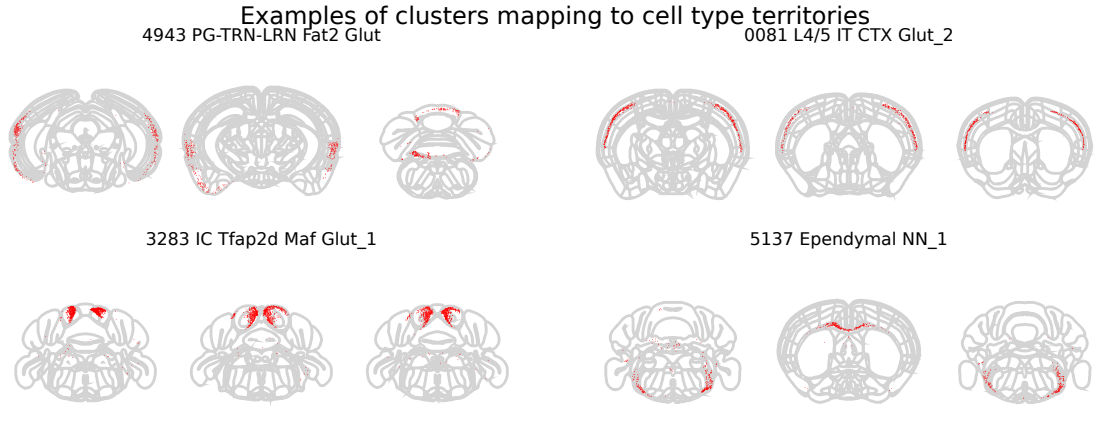
4 broad clusters



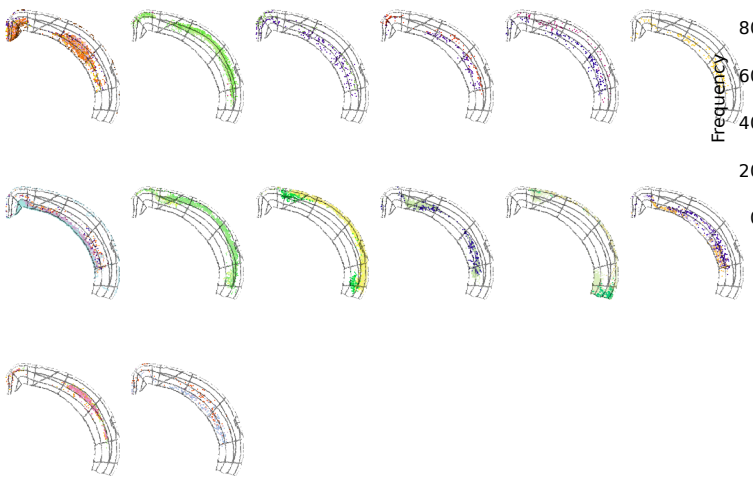
Clusters vs cell type territories



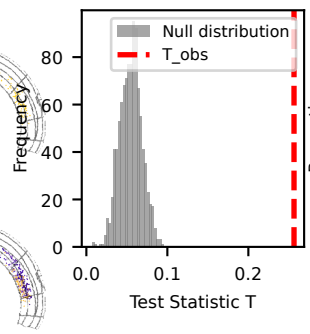
Examples of clusters mapping to cell type territories

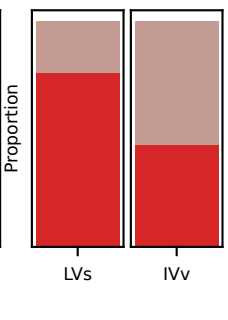


Cortical organization of clusters, incl. barrel cortex

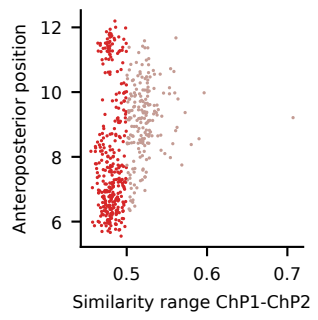


Connected regions sharing lipid clusters vs chance

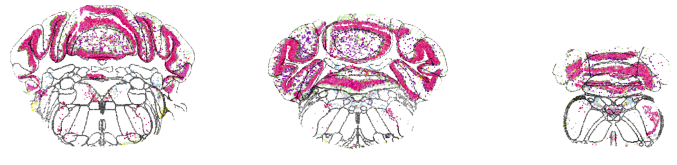




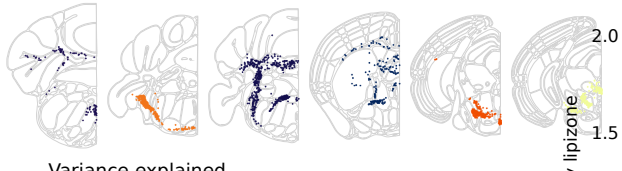
Two main lipizones in the ChP



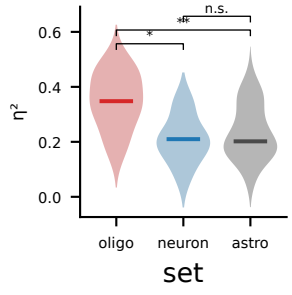
Cerebellar lipizone organization incl. granule cells layer



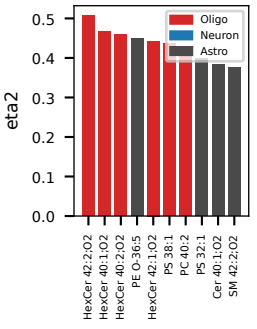
White matter lipizones regionalized heterogeneity



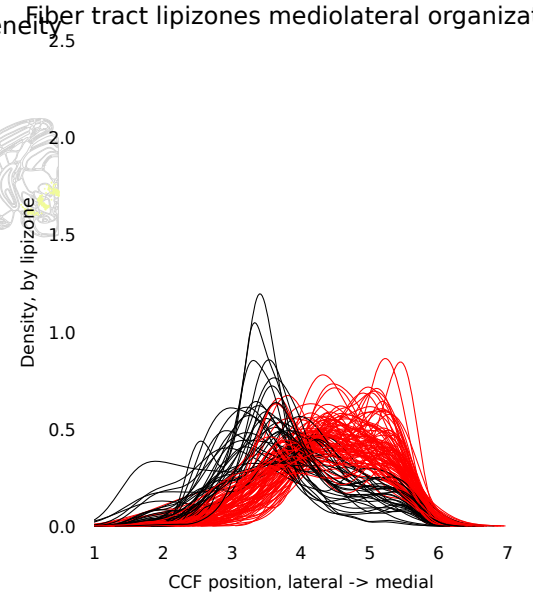
Variance explained by WM cluster membership



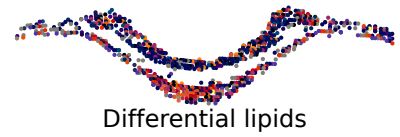
Top 10 lipids by eta2



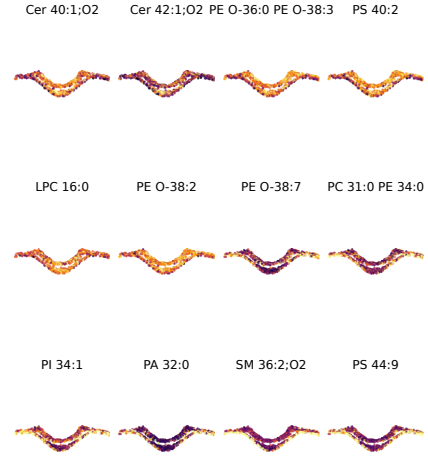
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter



Differential lipids

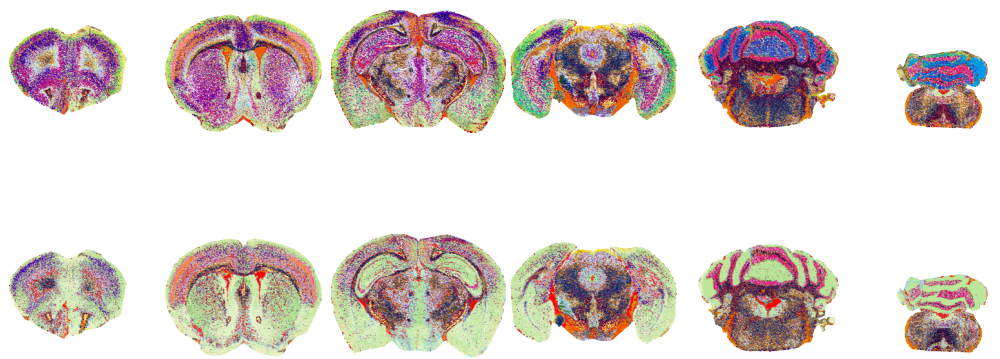


18 Splitter downsampling 75 seed 42

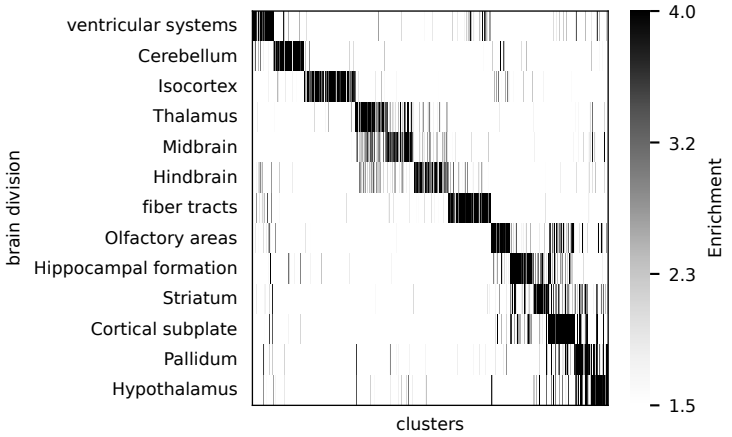
Sorted confusion matrix manuscript lipizones vs clusters



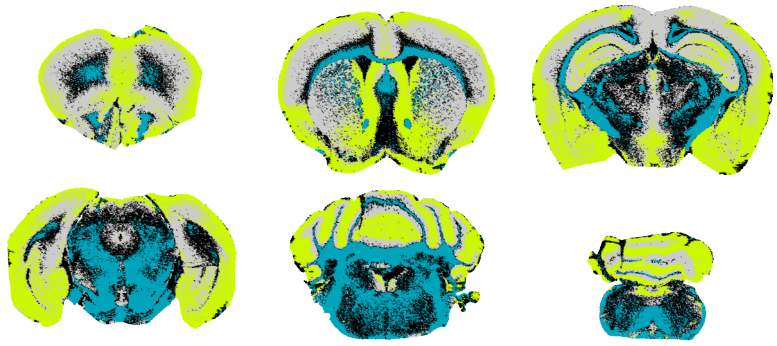
Manuscript lipizones (first row) vs clusters (second row)



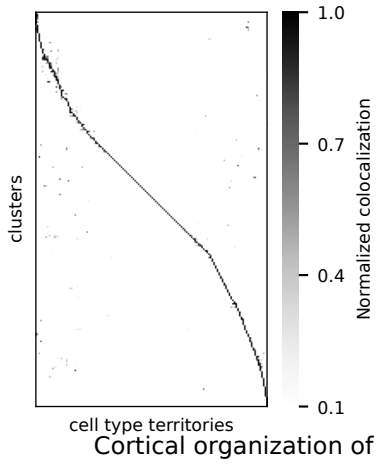
Enrichment of clusters across major brain divisions



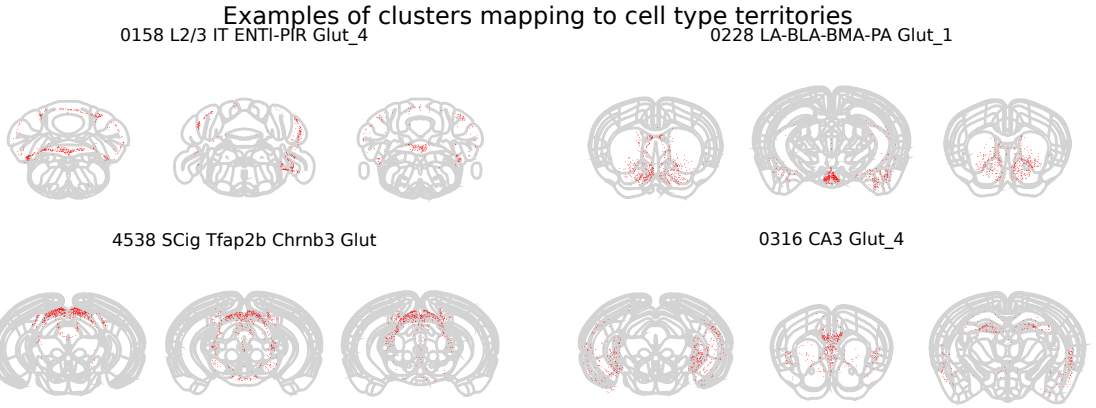
4 broad clusters



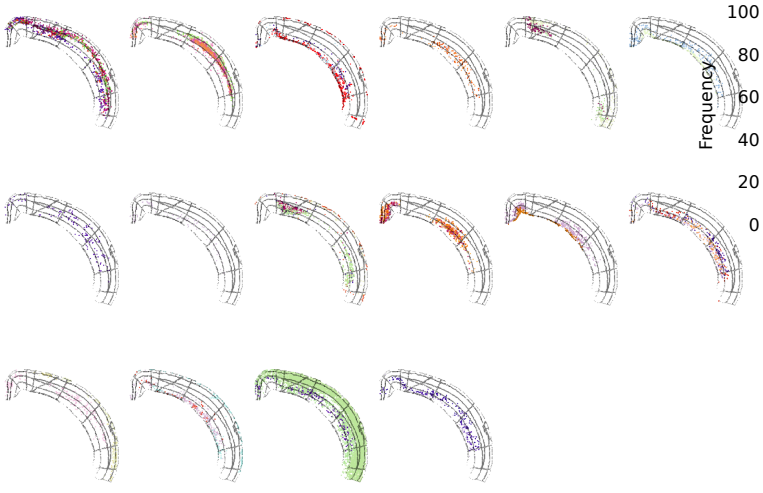
Clusters vs cell type territories



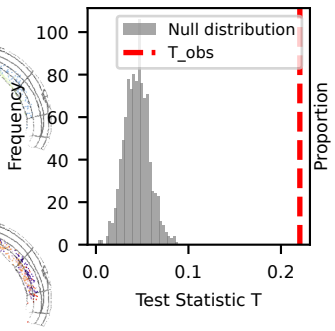
Examples of clusters mapping to cell type territories



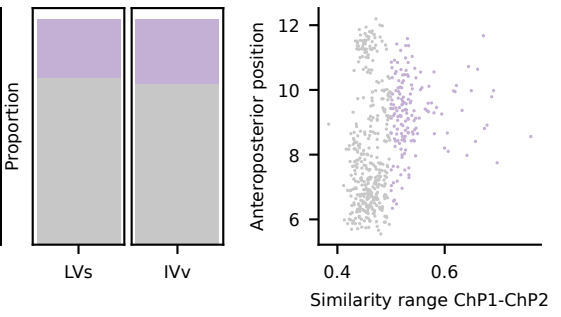
Cortical organization of clusters, incl. barrel cortex



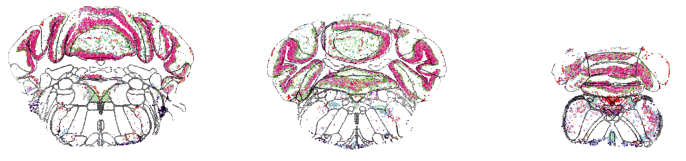
Connected regions sharing lipid clusters vs chance



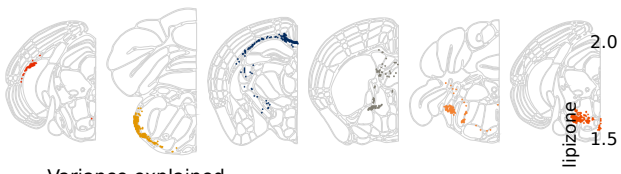
Two main lipizones in the ChP



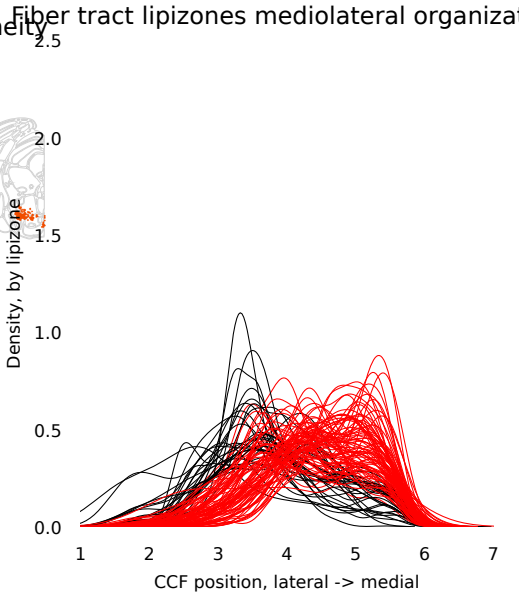
Cerebellar lipizone organization incl. granule cells layer



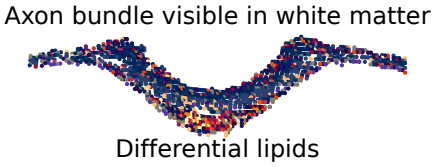
White matter lipizones regionalized heterogeneity



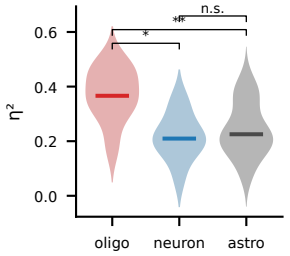
Fiber tract lipizones mediolateral organization



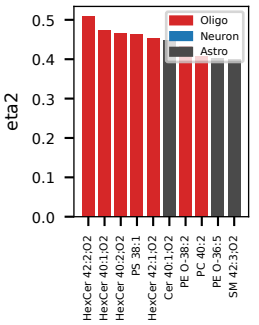
Axon bundle visible in white matter



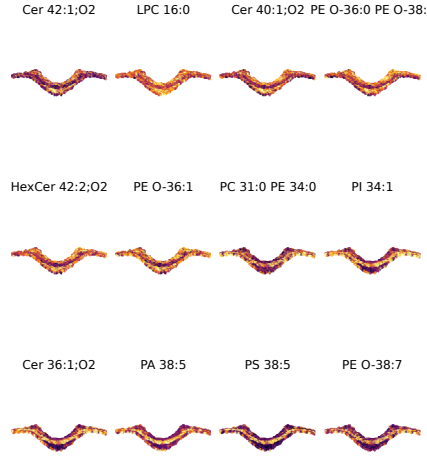
Variance explained by WM cluster membership



Top 10 lipids by eta2

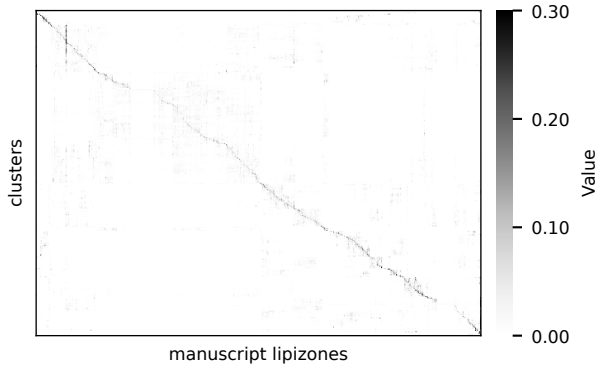


Differential lipids

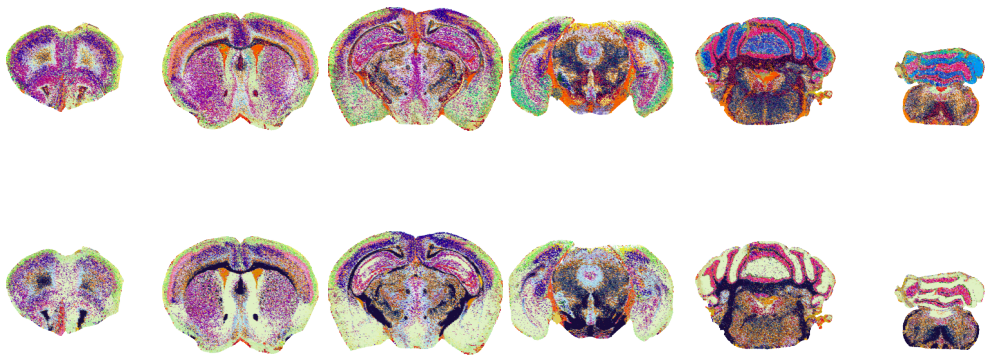


19 Splitter downsampling 75 seed 52

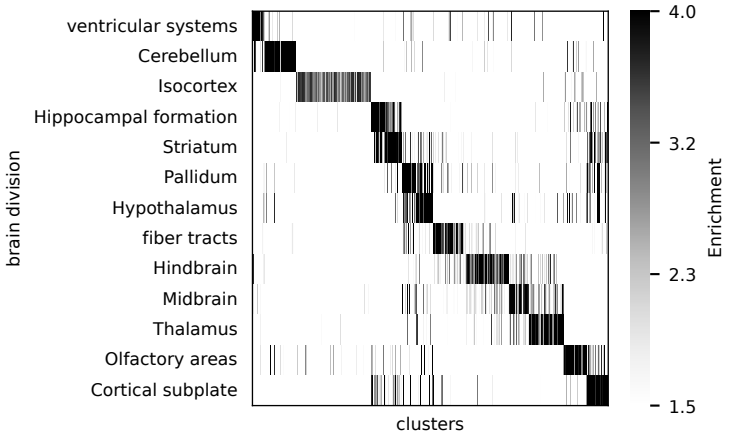
Sorted confusion matrix manuscript lipizones vs clusters



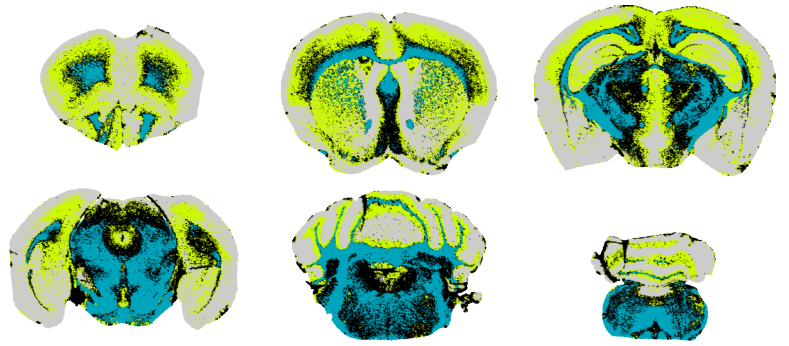
Manuscript lipizones (first row) vs clusters (second row)



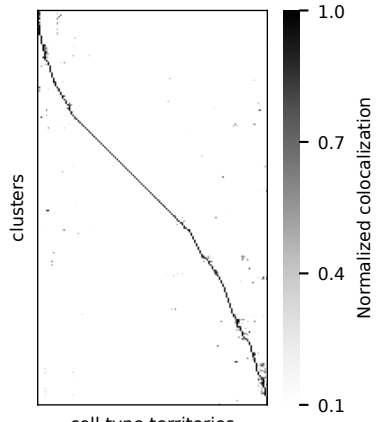
Enrichment of clusters across major brain divisions



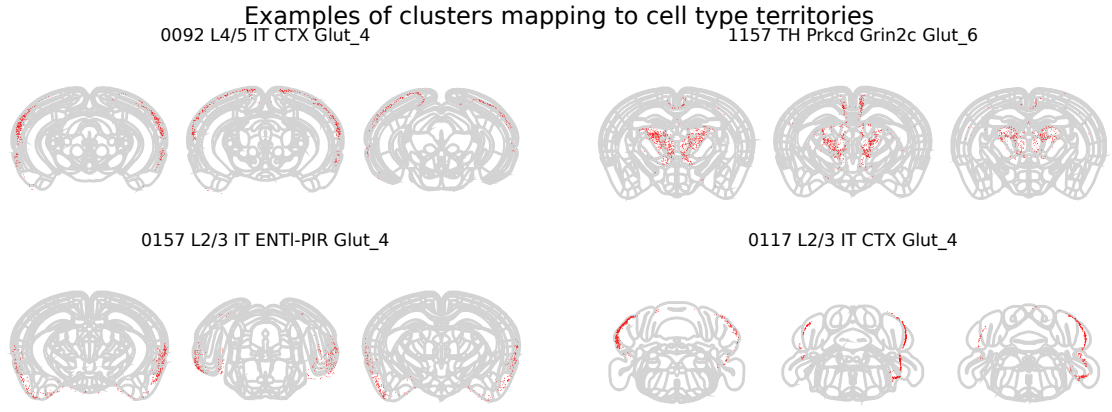
4 broad clusters



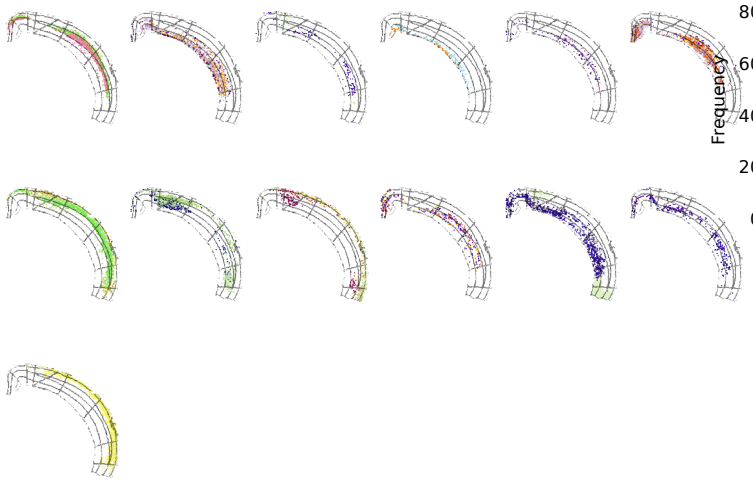
Clusters vs cell type territories



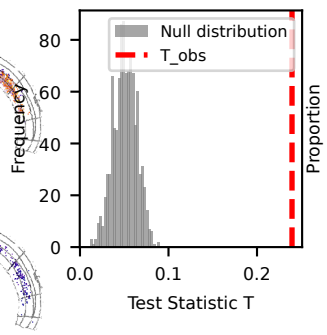
Examples of clusters mapping to cell type territories



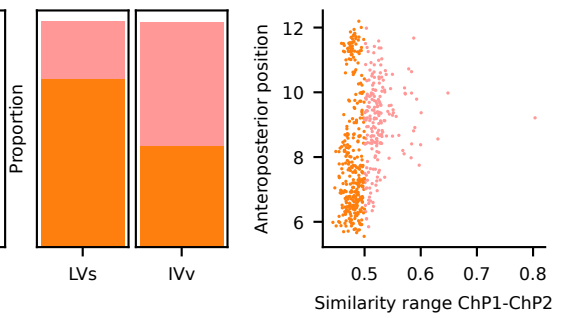
Cortical organization of clusters, incl. barrel cortex



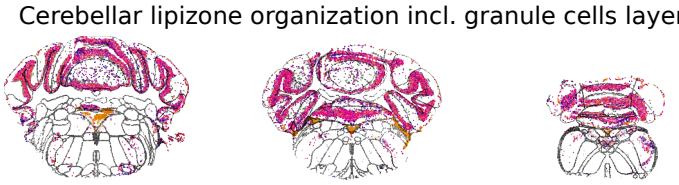
Connected regions sharing lipid clusters vs chance



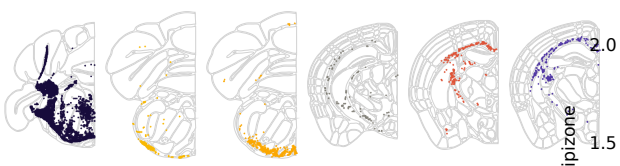
Two main lipizones in the ChP



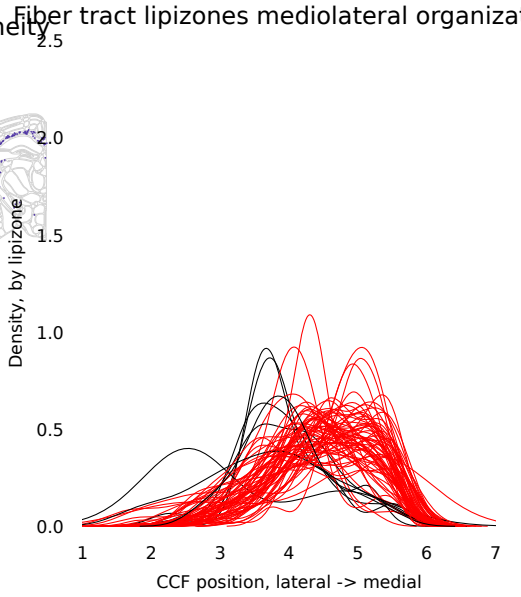
Cerebellar lipizone organization incl. granule cells layer



White matter lipizones regionalized heterogeneity



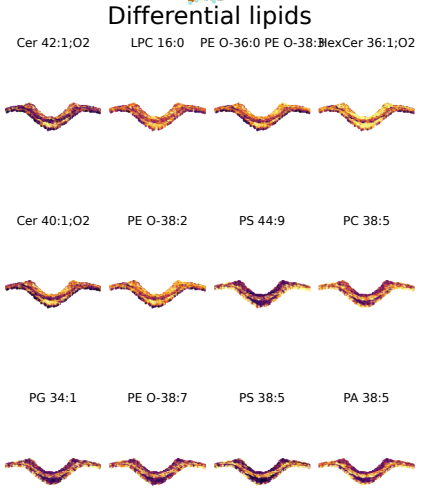
Fiber tract lipizones mediolateral organization



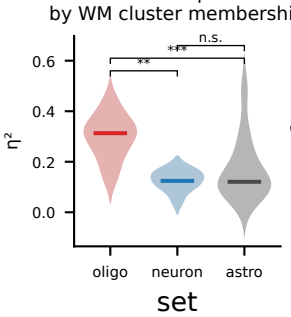
Axon bundle visible in white matter



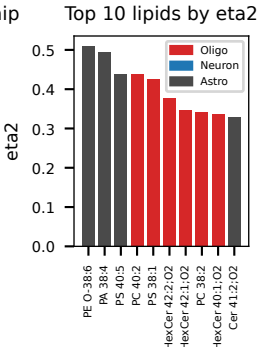
Differential lipids



Variance explained by WM cluster membership

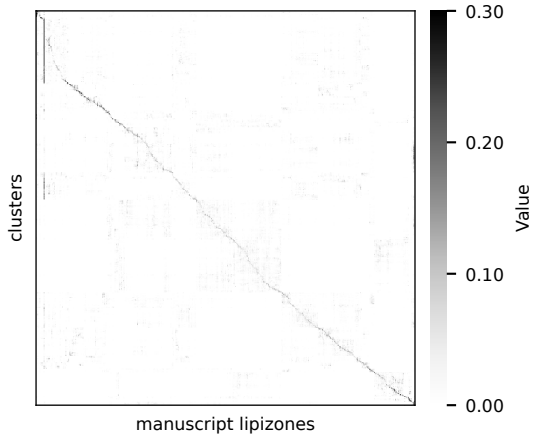


Top 10 lipids by eta2

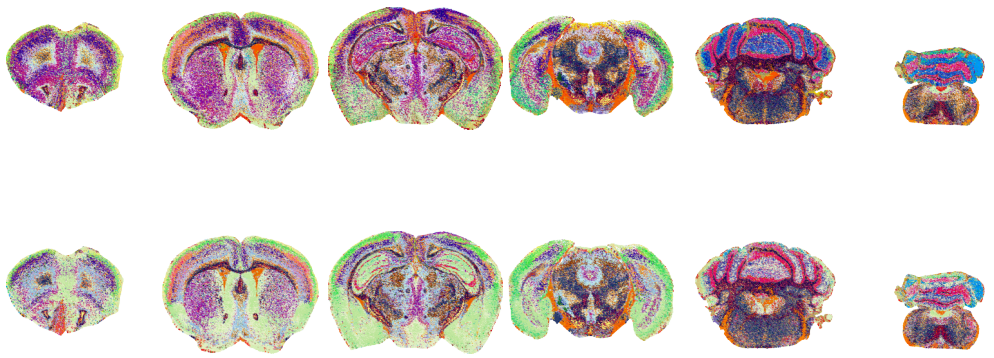


Splitter downsampling 90 seed 66

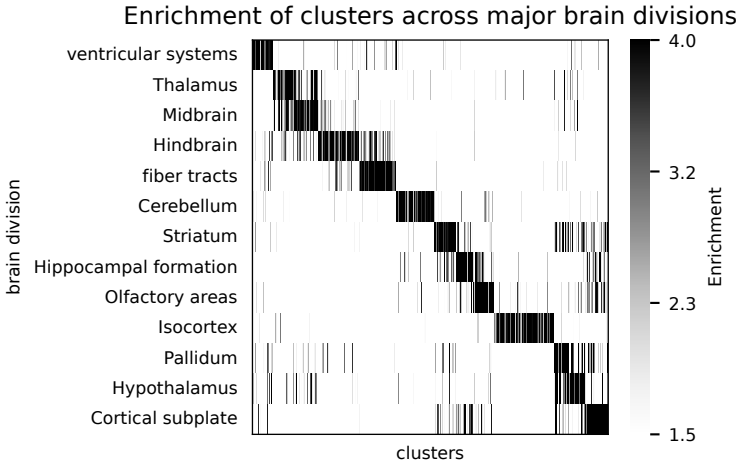
Sorted confusion matrix manuscript lipizones vs clusters



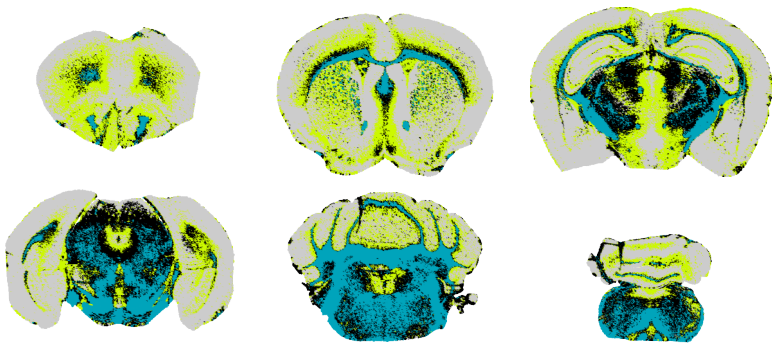
Manuscript lipizones (first row) vs clusters (second row)



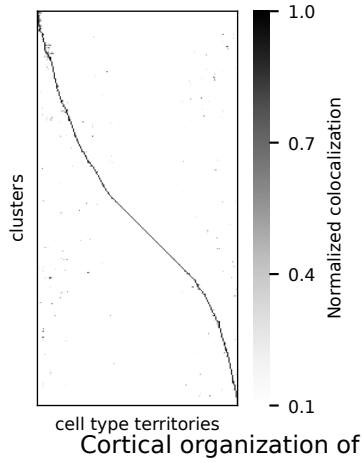
Enrichment of clusters across major brain divisions



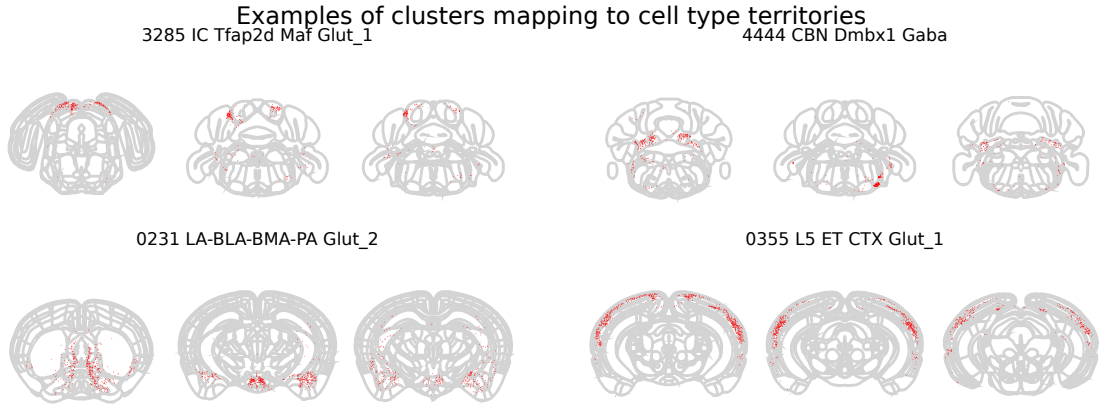
4 broad clusters



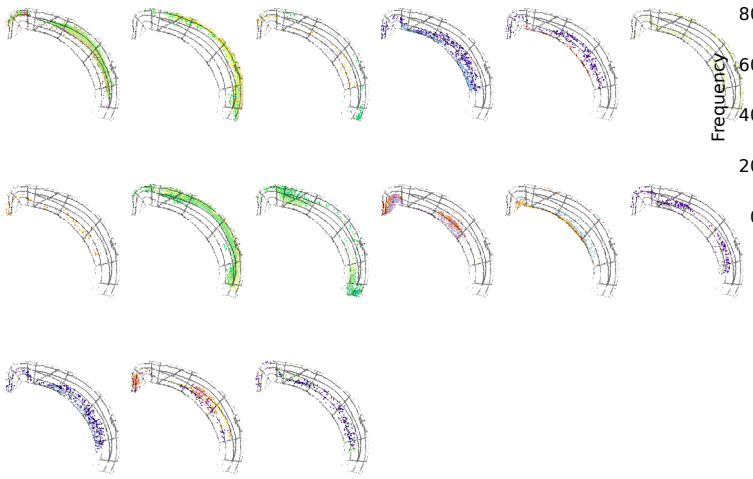
Clusters vs cell type territories



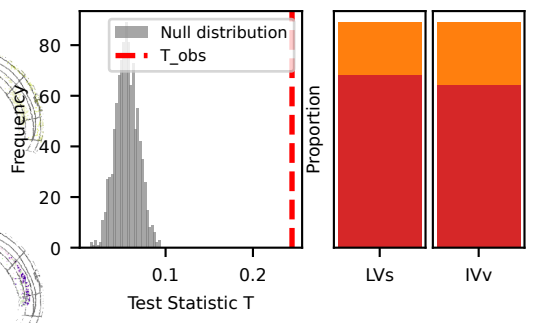
Examples of clusters mapping to cell type territories



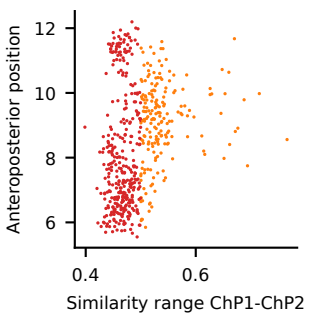
Cortical organization of clusters, incl. barrel cortex



Connected regions sharing lipid clusters vs chance



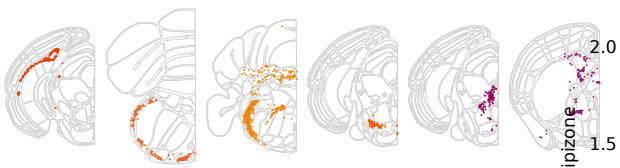
Two main lipizones in the ChP



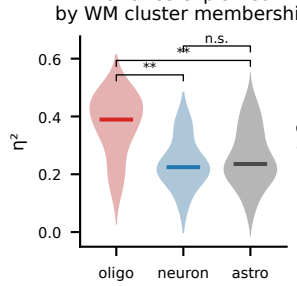
Cerebellar lipizone organization incl. granule cells layer



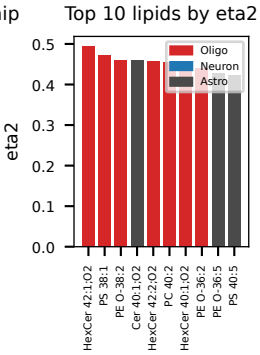
White matter lipizones regionalized heterogeneity



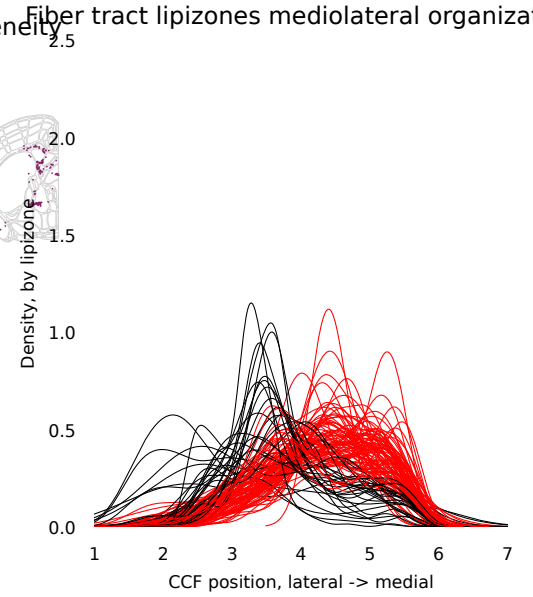
Variance explained by WM cluster membership



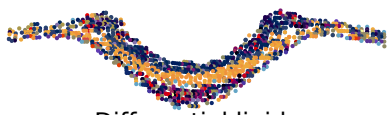
Top 10 lipids by eta2



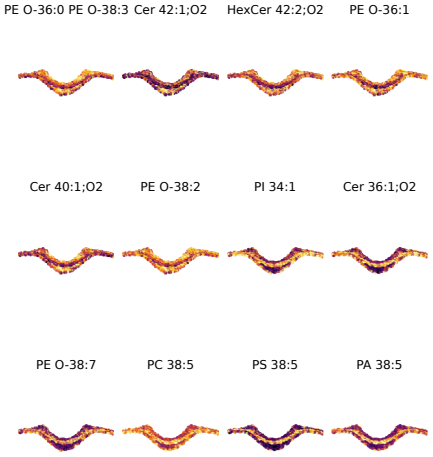
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

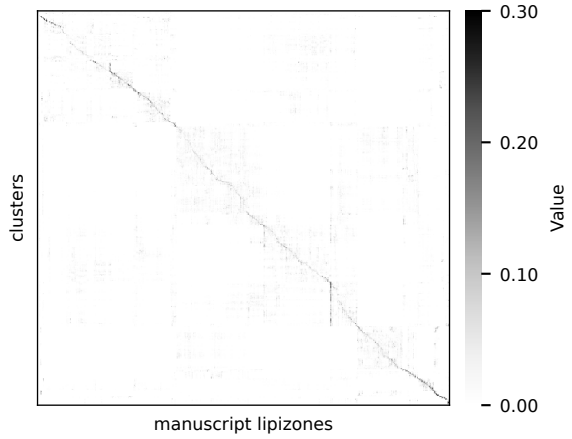


Differential lipids

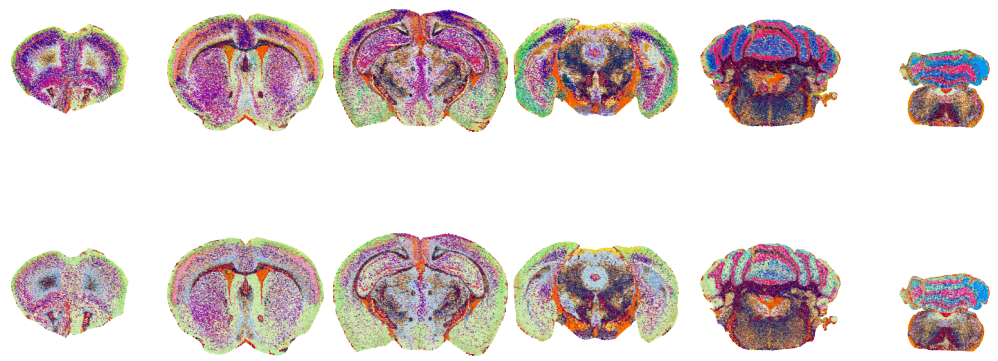


Splitter incl. Imputed lipids

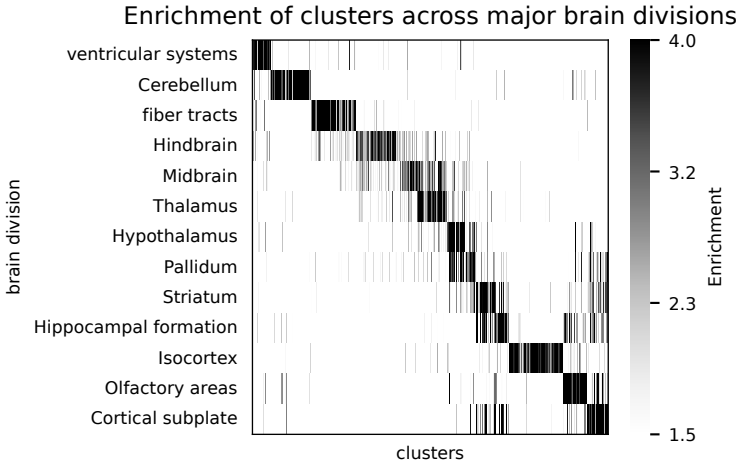
Sorted confusion matrix manuscript lipizones vs clusters



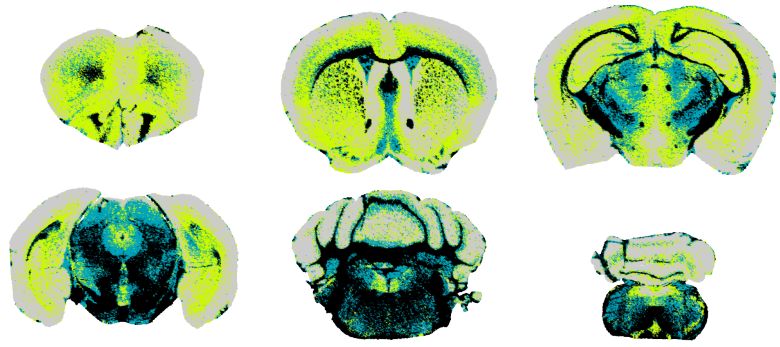
Manuscript lipizones (first row) vs clusters (second row)



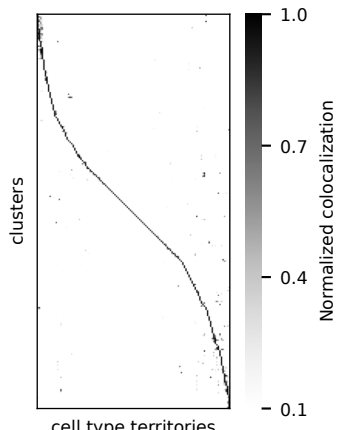
Enrichment of clusters across major brain divisions



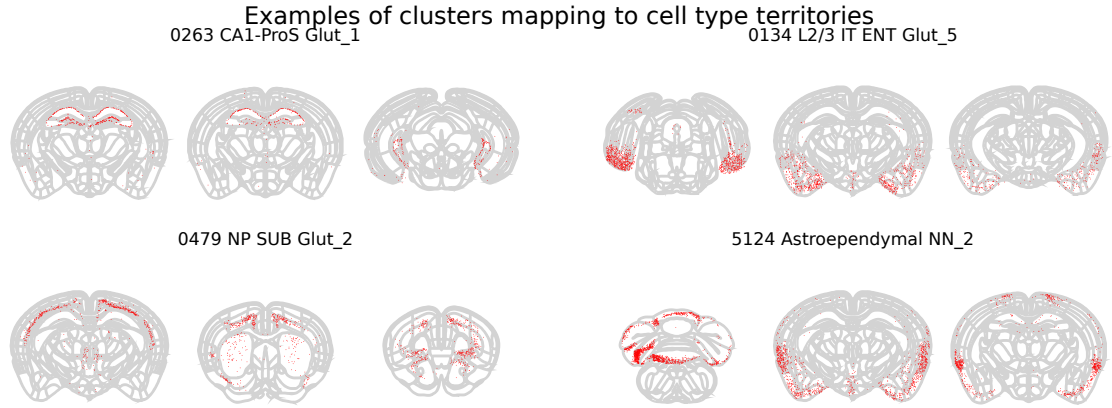
4 broad clusters



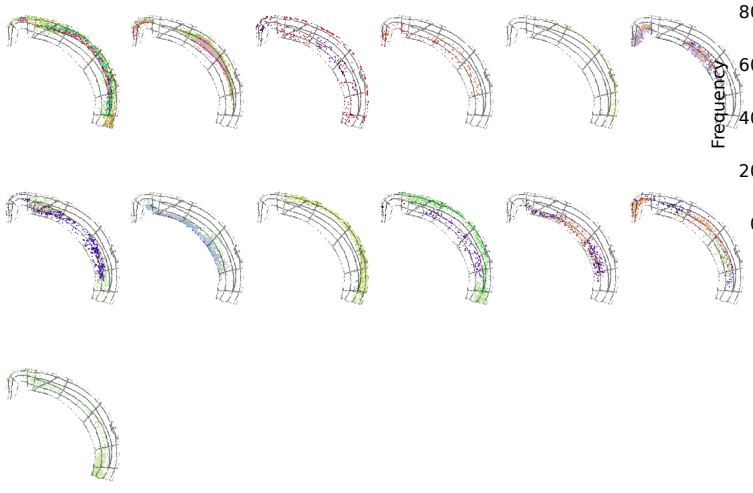
Clusters vs cell type territories



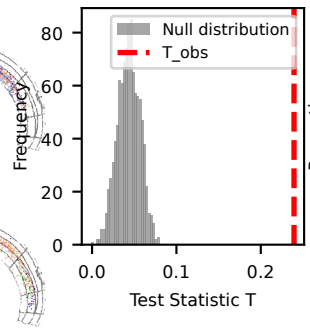
Examples of clusters mapping to cell type territories



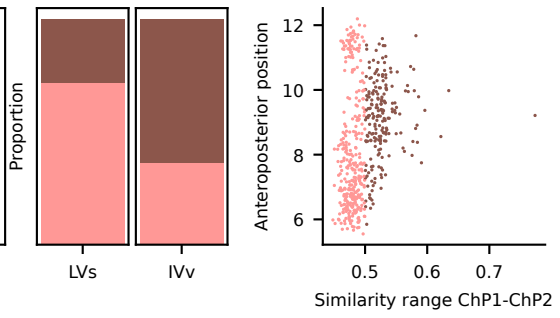
Cortical organization of clusters, incl. barrel cortex



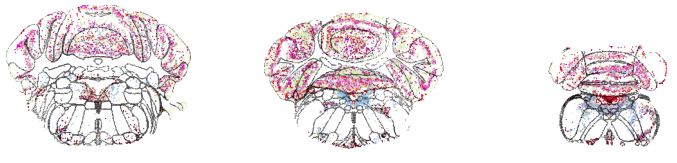
Connected regions sharing lipid clusters vs chance



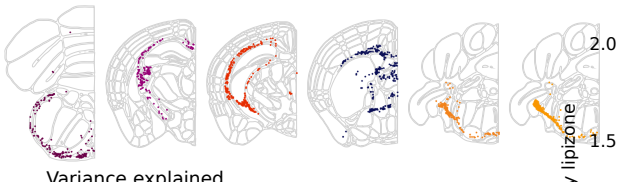
Two main lipizones in the ChP



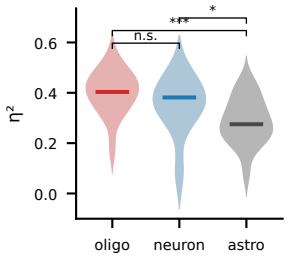
Cerebellar lipizone organization incl. granule cells layer



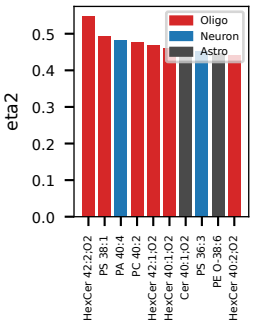
White matter lipizones regionalized heterogeneity



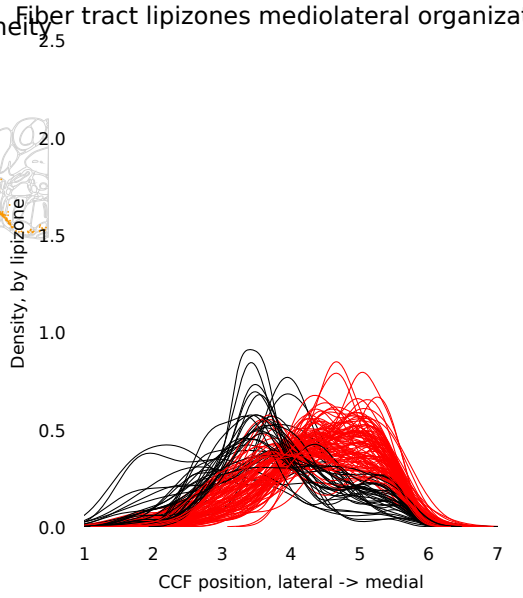
Variance explained by WM cluster membership



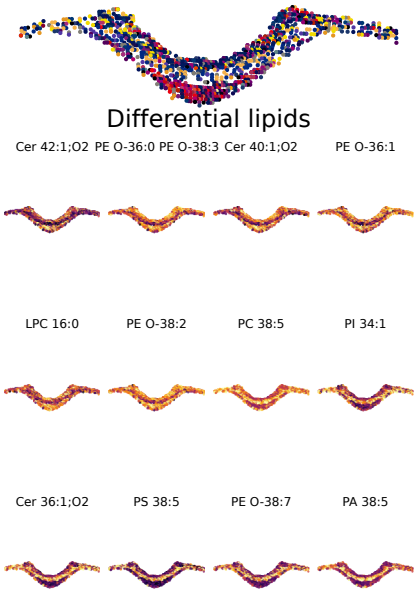
Top 10 lipids by eta2



Fiber tract lipizones mediolateral organization

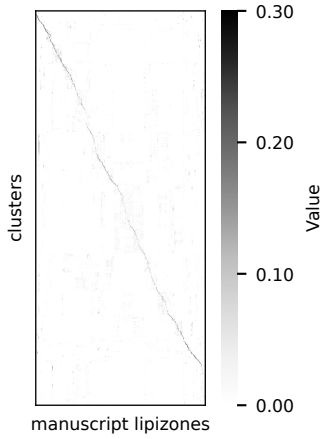


Axon bundle visible in white matter

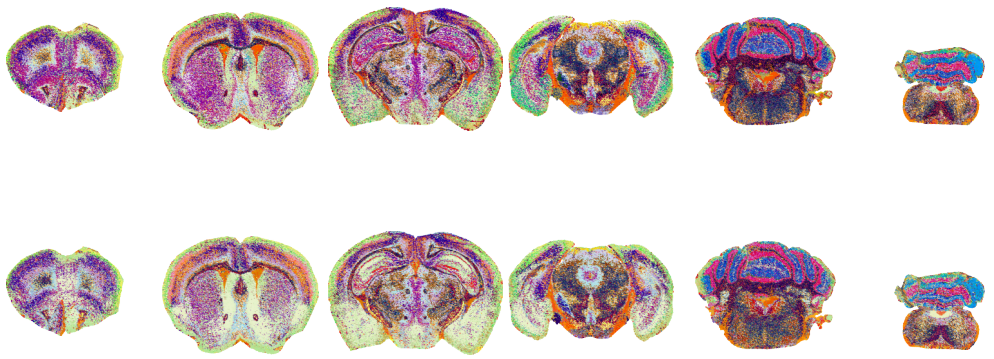


22 **Splitter parameter set 1**

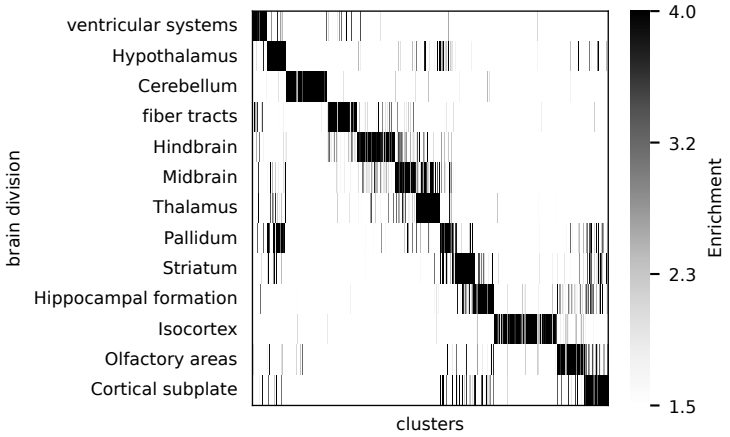
Sorted confusion matrix manuscript lipizones vs clusters



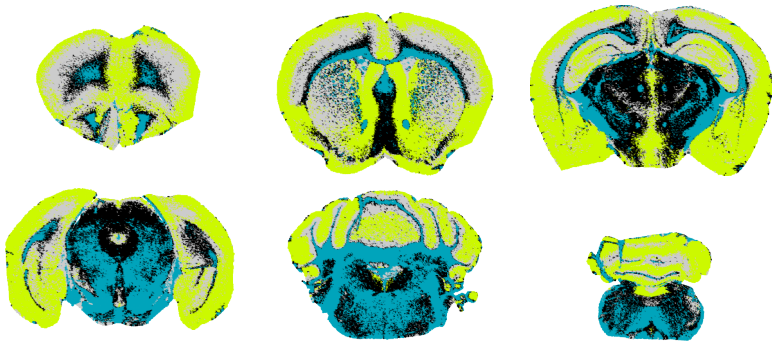
Manuscript lipizones (first row) vs clusters (second row)



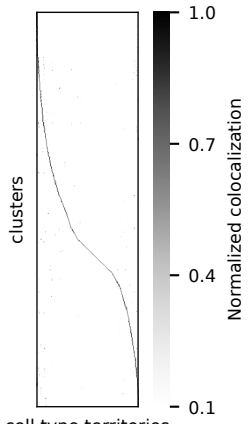
Enrichment of clusters across major brain divisions



4 broad clusters



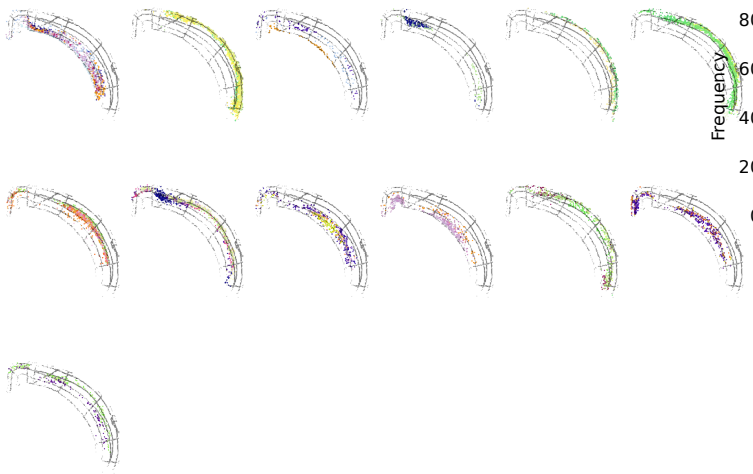
Clusters vs cell type territories



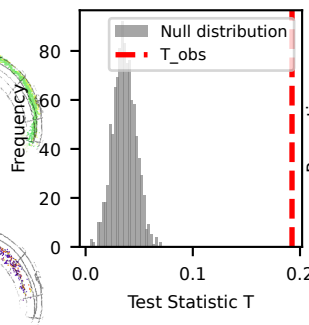
Examples of clusters mapping to cell type territories

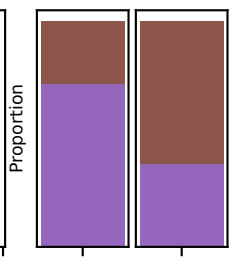


Cortical organization of clusters, incl. barrel cortex

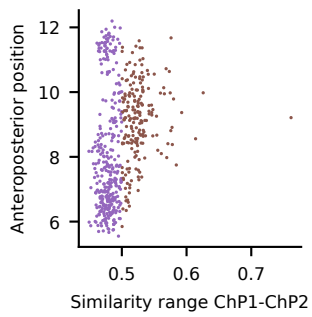


Connected regions sharing lipid clusters vs chance

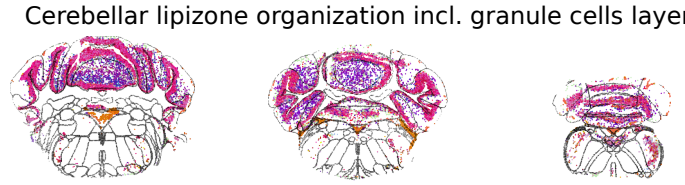




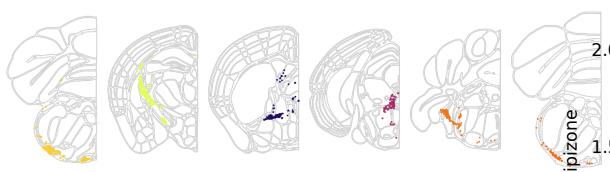
Two main lipizones in the ChP

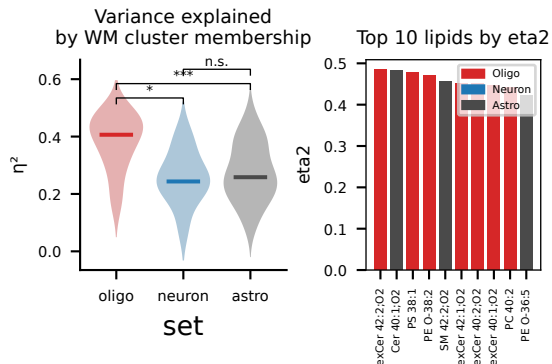


Cerebellar lipizone organization incl. granule cells layer

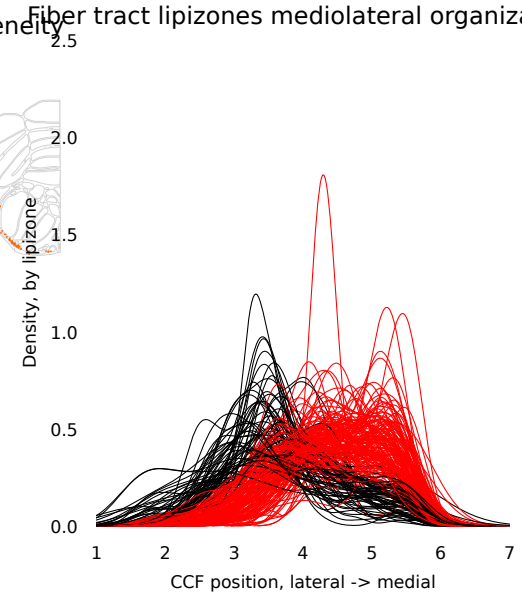


White matter lipizones regionalized heterogeneity





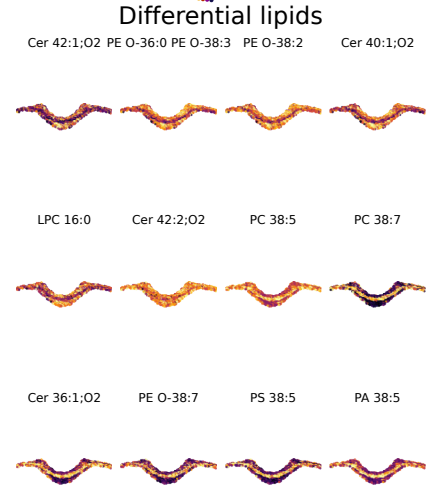
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

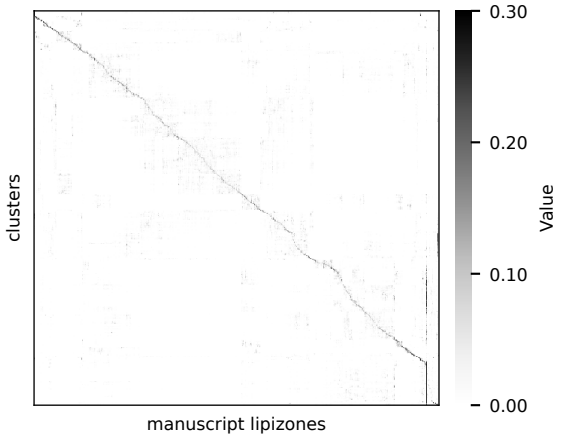


Differential lipids

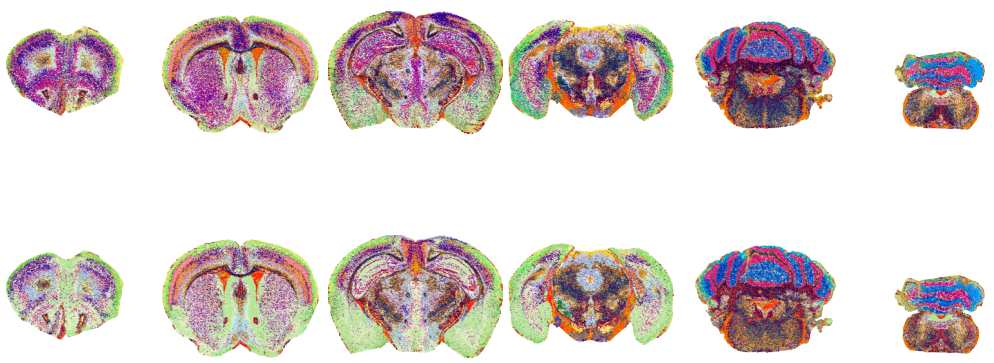


23 **Splitter 24 sections**

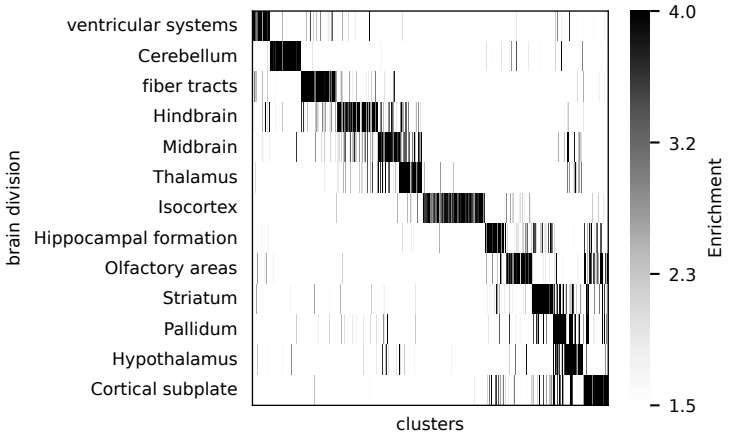
Sorted confusion matrix manuscript lipizones vs clusters



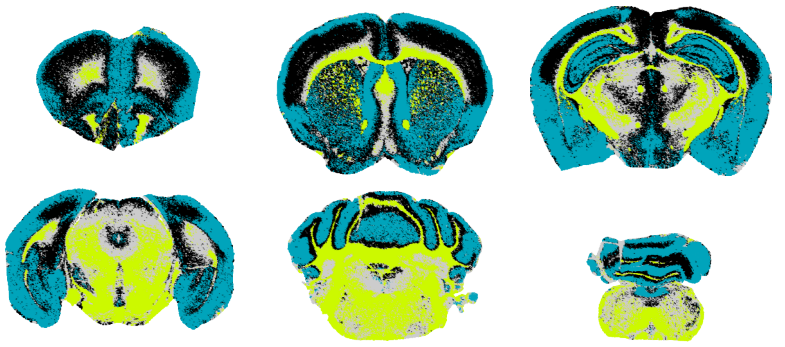
Manuscript lipizones (first row) vs clusters (second row)



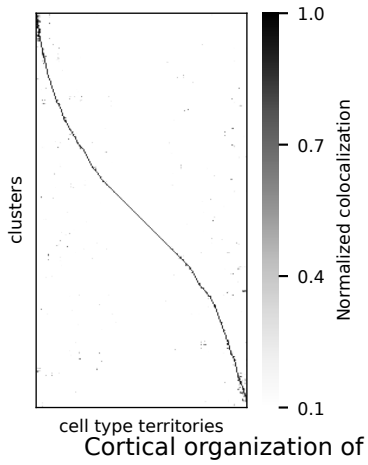
Enrichment of clusters across major brain divisions



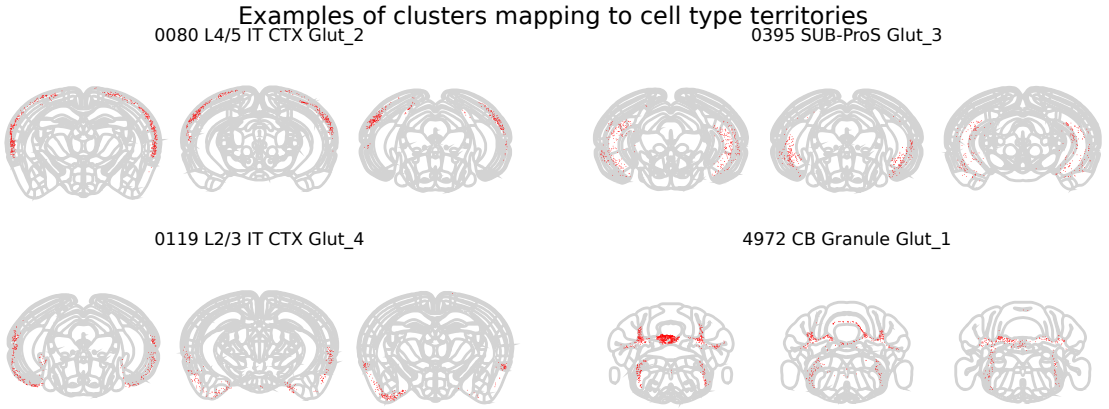
4 broad clusters



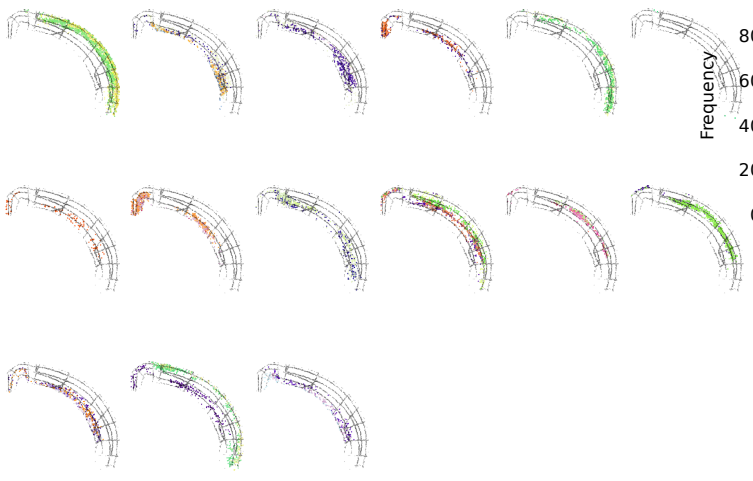
Clusters vs cell type territories



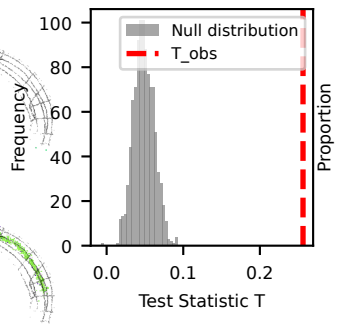
Examples of clusters mapping to cell type territories

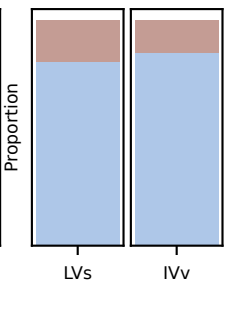


Cortical organization of clusters, incl. barrel cortex

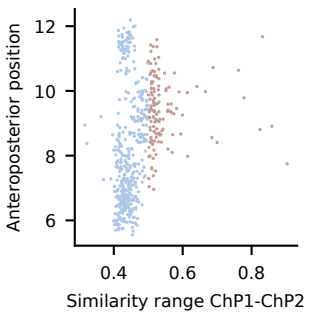


Connected regions sharing lipid clusters vs chance





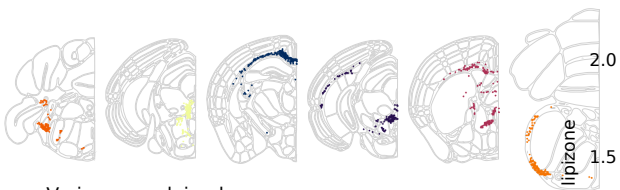
Two main lipizones in the ChP



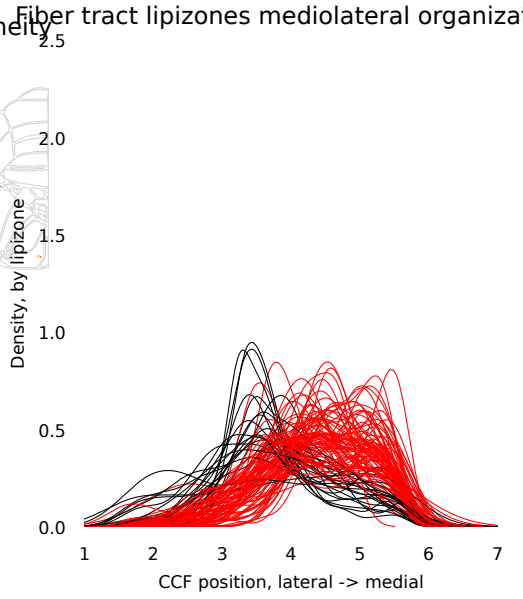
Cerebellar lipizone organization incl. granule cells layer



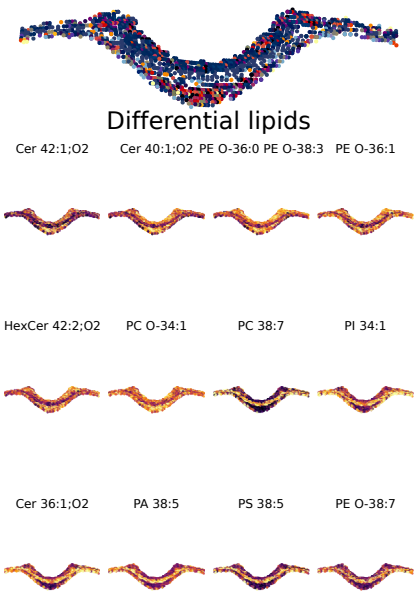
White matter lipizones regionalized heterogeneity



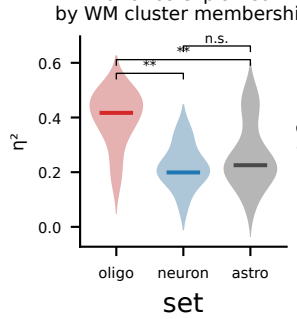
Fiber tract lipizones mediolateral organization



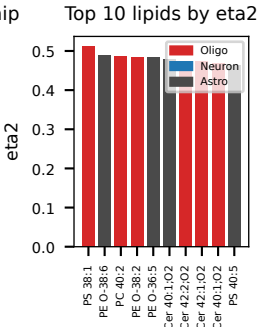
Axon bundle visible in white matter



Variance explained by WM cluster membership

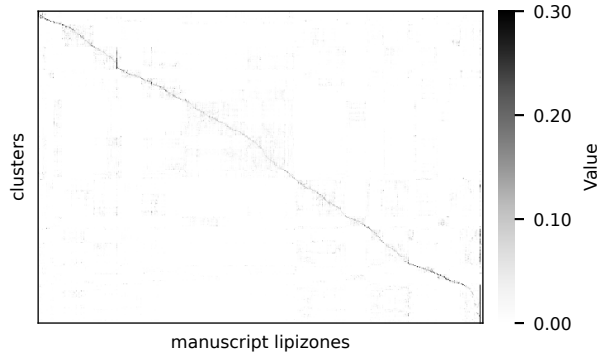


Top 10 lipids by eta2

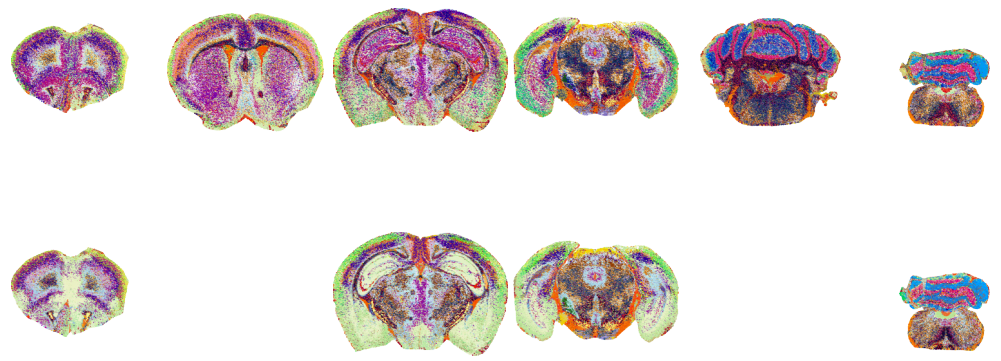


24 Splitter 18 sections

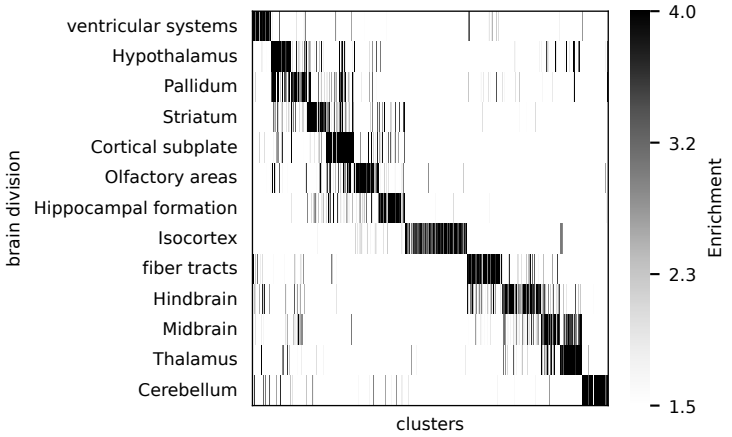
Sorted confusion matrix manuscript lipizones vs clusters



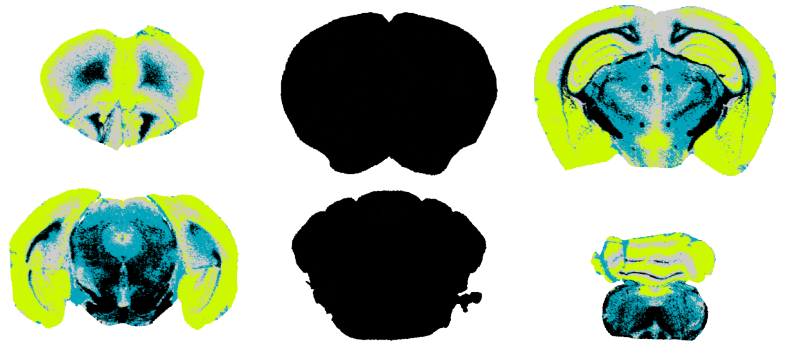
Manuscript lipizones (first row) vs clusters (second row)



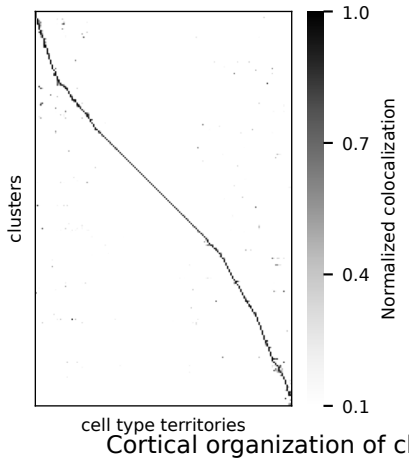
Enrichment of clusters across major brain divisions



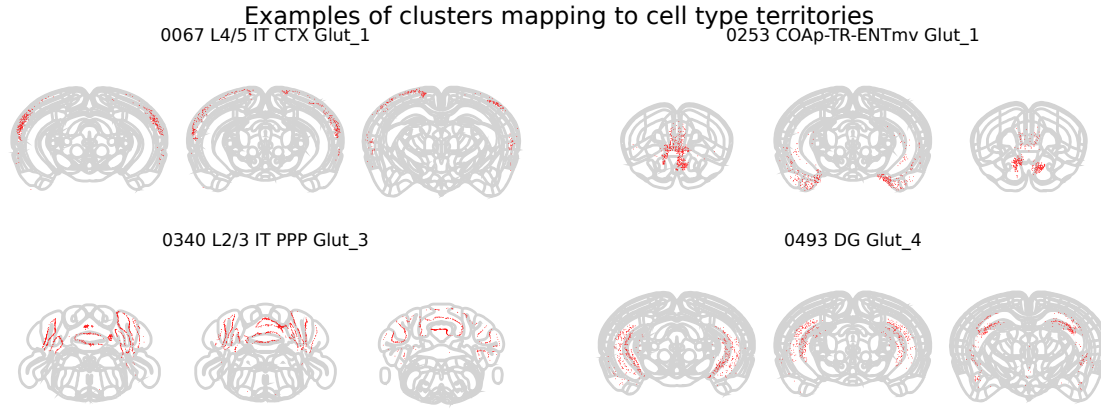
4 broad clusters



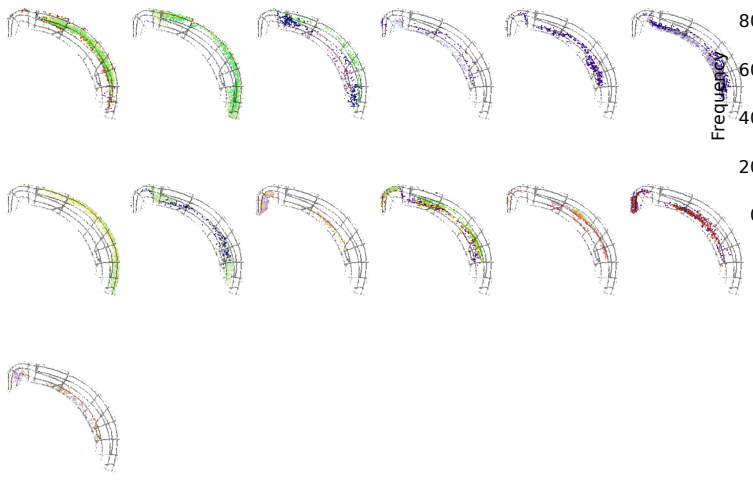
Clusters vs cell type territories



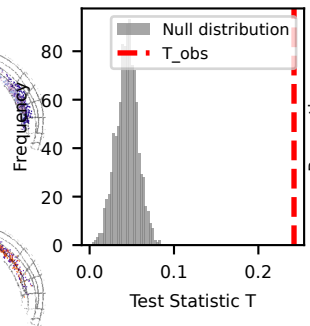
Examples of clusters mapping to cell type territories



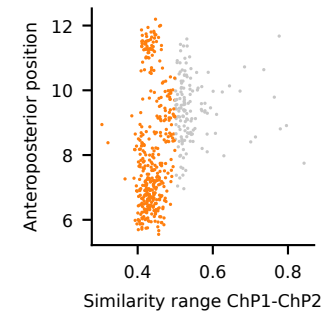
Cortical organization of clusters, incl. barrel cortex



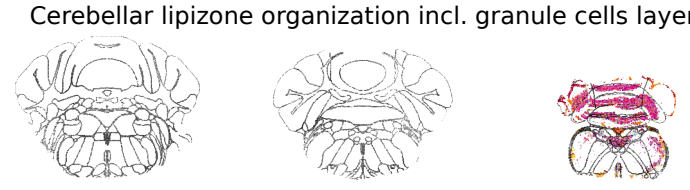
Connected regions sharing lipid clusters vs chance



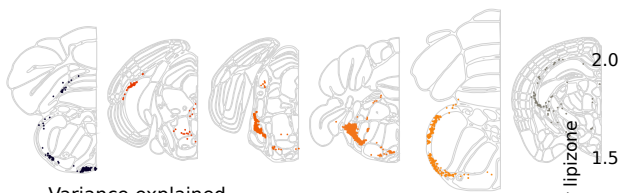
Two main lipizones in the ChP



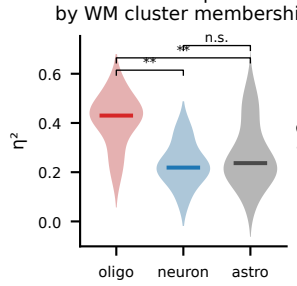
Cerebellar lipizone organization incl. granule cells layer



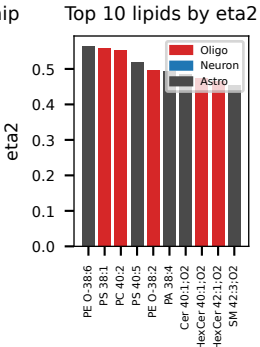
White matter lipizones regionalized heterogeneity



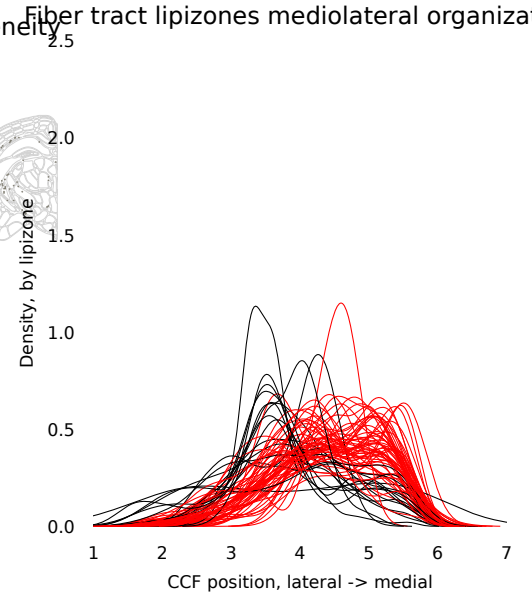
Variance explained by WM cluster membership



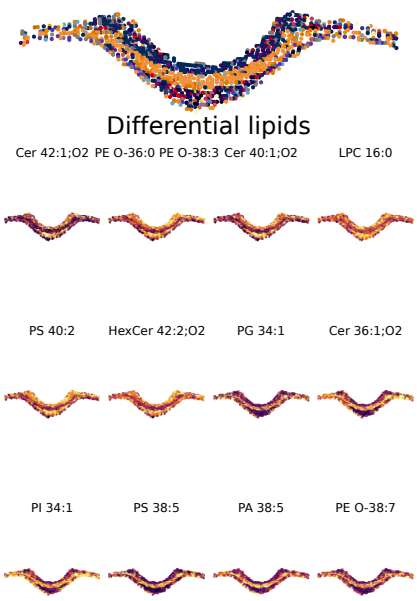
Top 10 lipids by eta2



Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

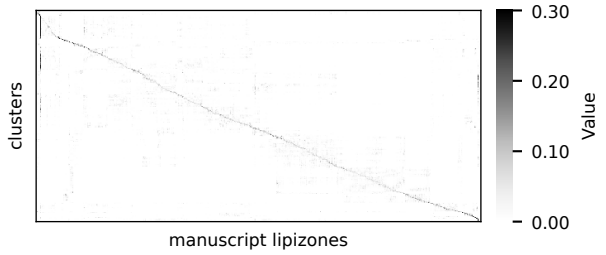


25 Splitter 12 sections

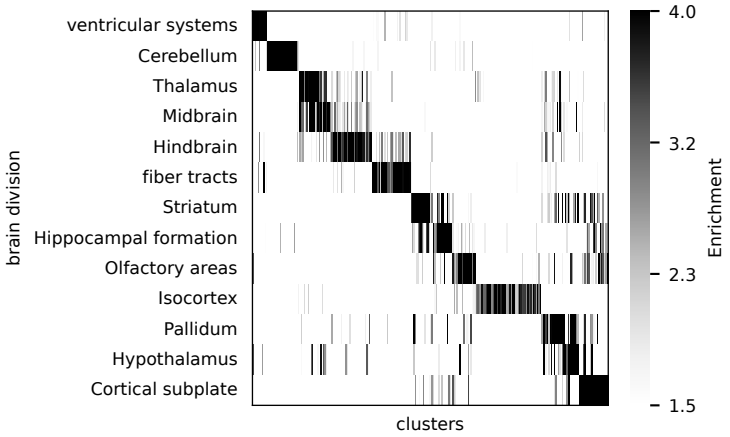
Manuscript lipizones (first row) vs clusters (second row)



Sorted confusion matrix manuscript lipizones vs clusters



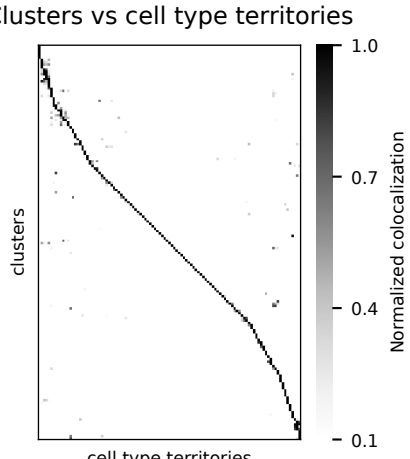
Enrichment of clusters across major brain divisions



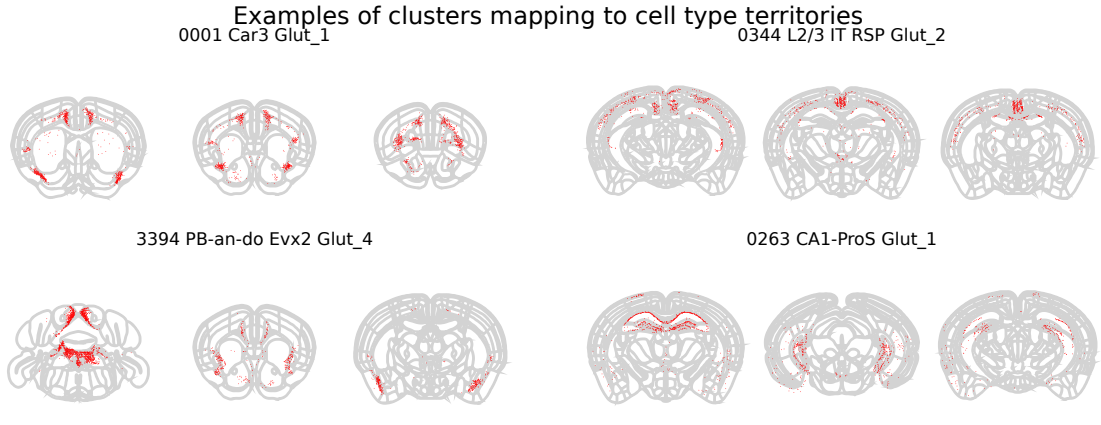
4 broad clusters



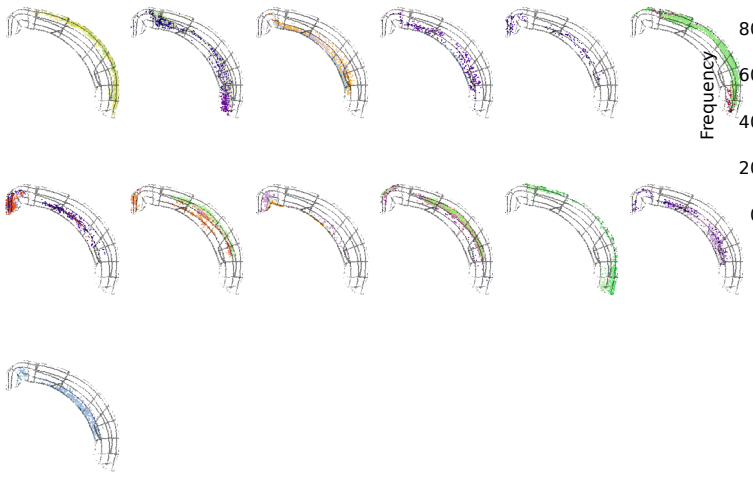
Clusters vs cell type territories



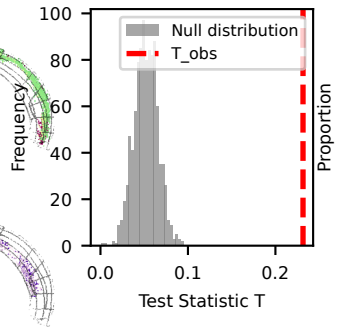
Examples of clusters mapping to cell type territories

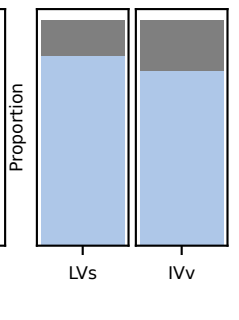


Cortical organization of clusters, incl. barrel cortex

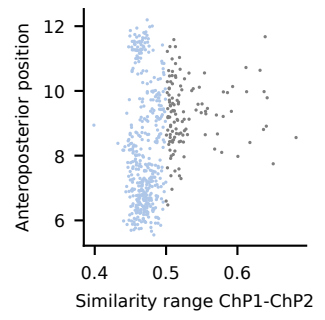


Connected regions sharing lipid clusters vs chance





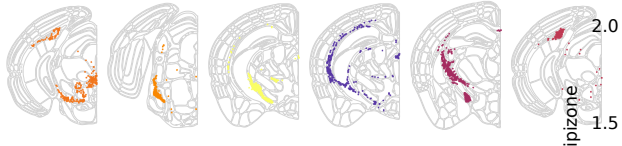
Two main lipizones in the ChP

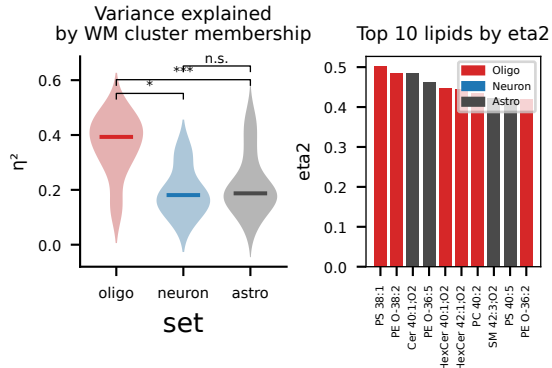


Cerebellar lipizone organization incl. granule cells layer

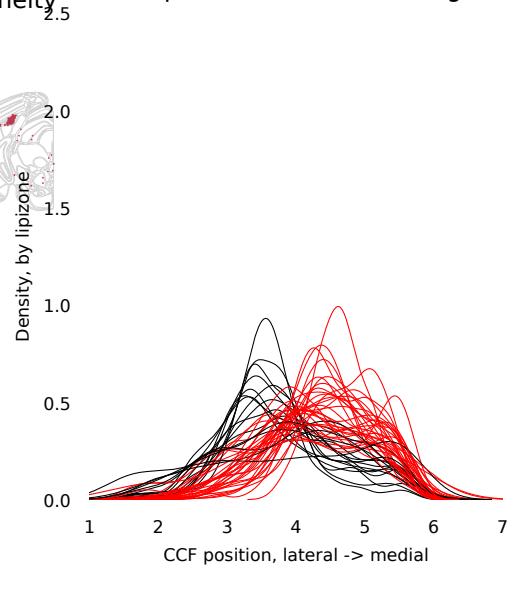


White matter lipizones regionalized heterogeneity





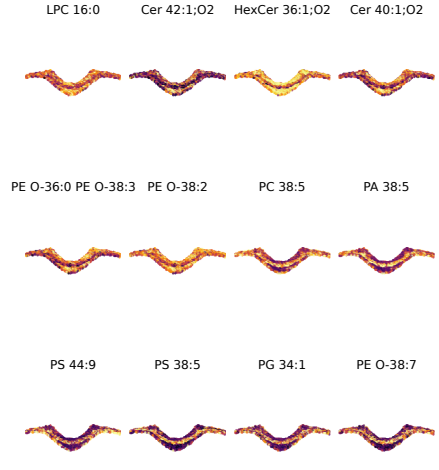
Fiber tract lipizones mediolateral organization



Axon bundle visible in white matter

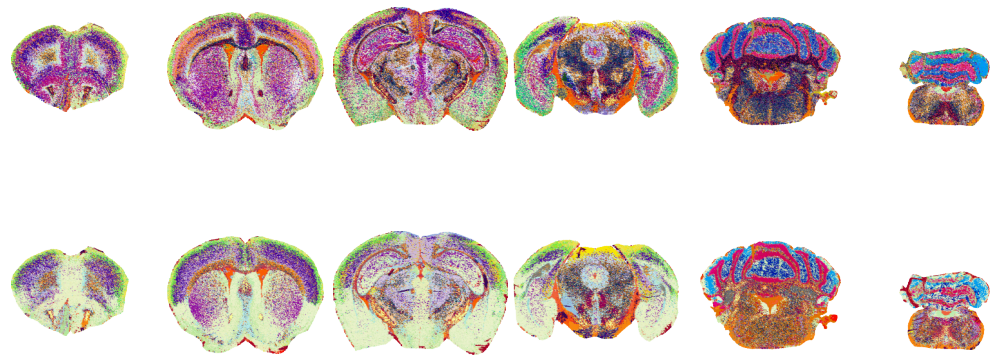


Differential lipids

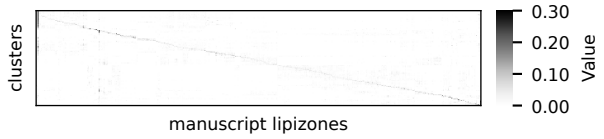


26 Leiden feature downsampling 75 seed 1111

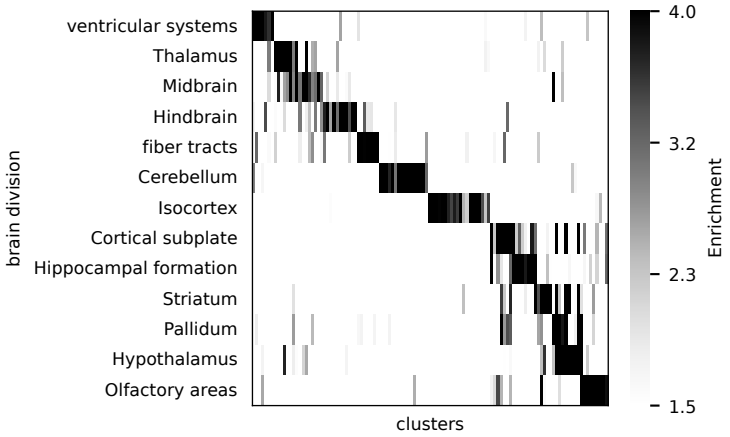
Manuscript lipizones (first row) vs clusters (second row)



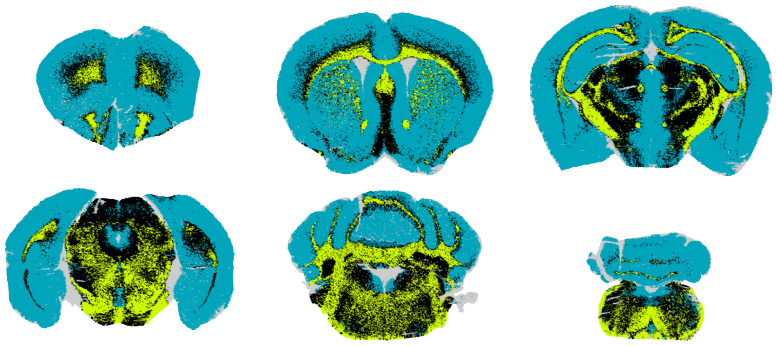
Sorted confusion matrix manuscript lipizones vs clusters



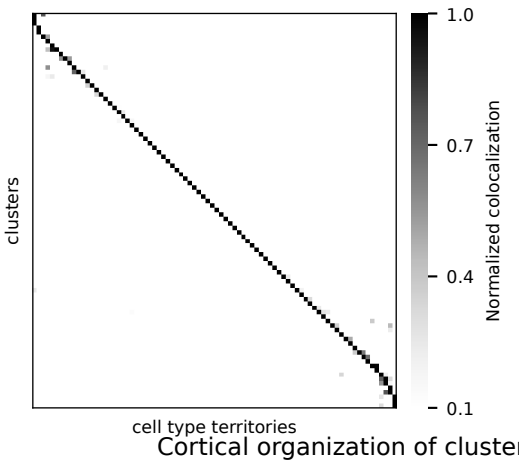
Enrichment of clusters across major brain divisions



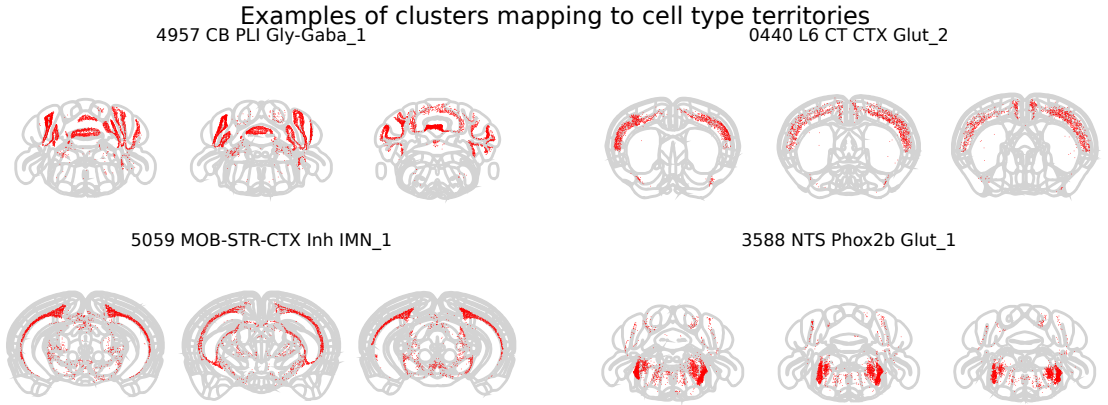
4 broad clusters



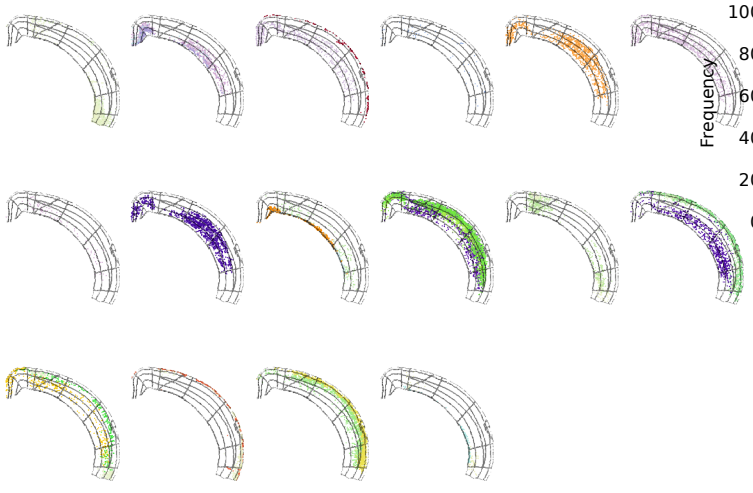
Clusters vs cell type territories



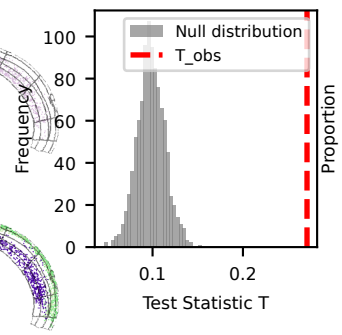
Examples of clusters mapping to cell type territories



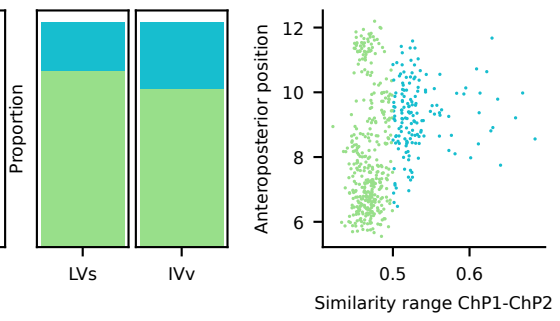
Cortical organization of clusters, incl. barrel cortex



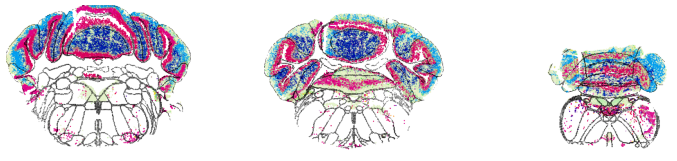
Connected regions sharing lipid clusters vs chance



Two main lipizones in the ChP



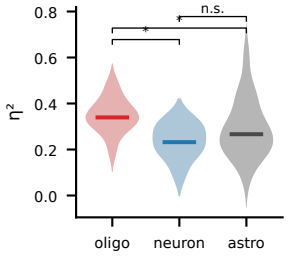
Cerebellar lipizone organization incl. granule cells layer



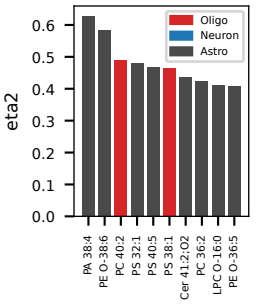
White matter lipizones regionalized heterogeneity



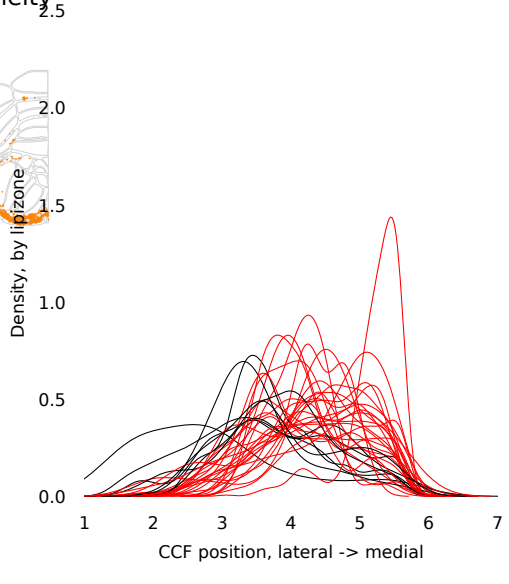
Variance explained by WM cluster membership



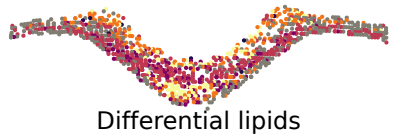
Top 10 lipids by eta2



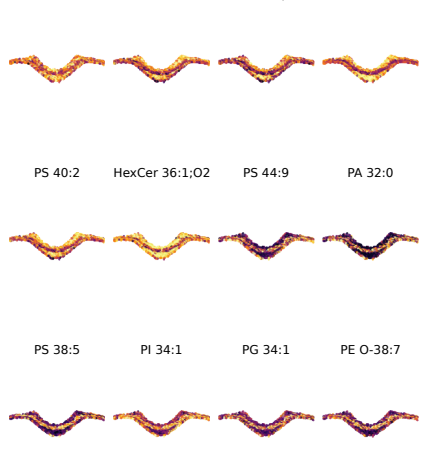
Fiber tract lipizones mediolateral organization



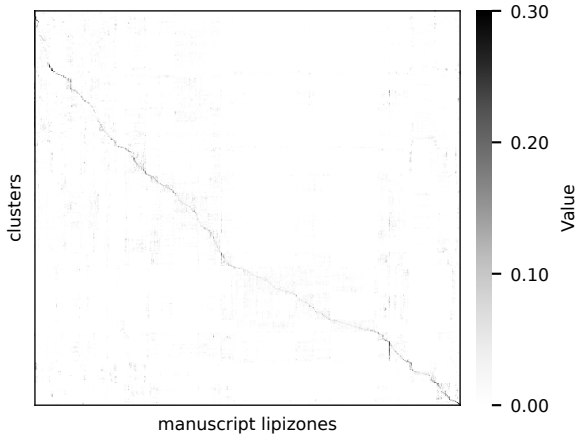
Axon bundle visible in white matter



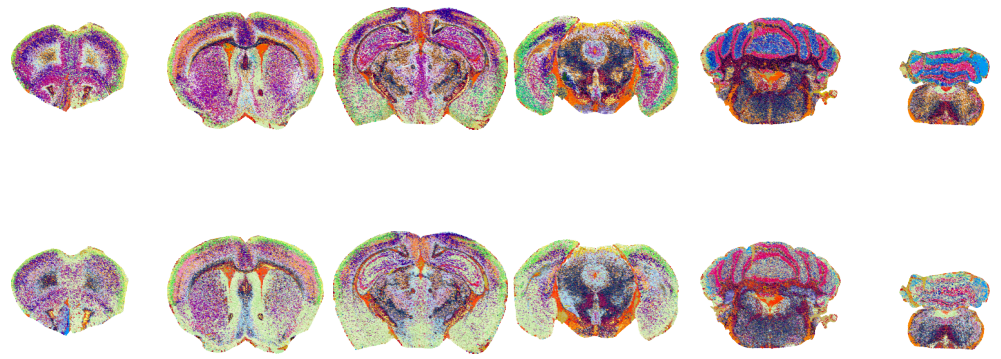
Differential lipids



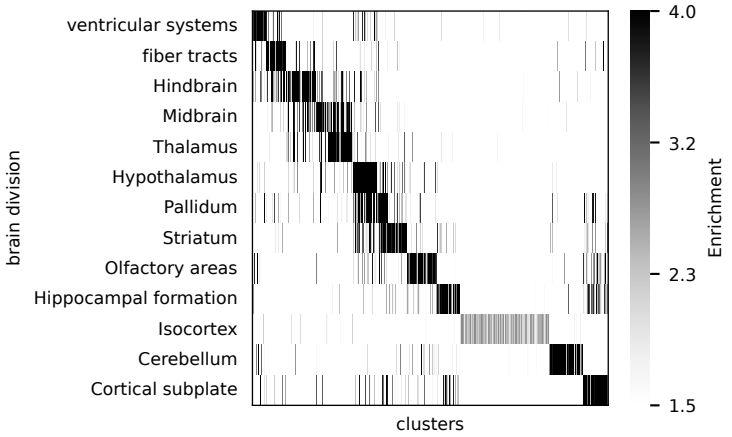
Sorted confusion matrix manuscript lipizones vs clusters



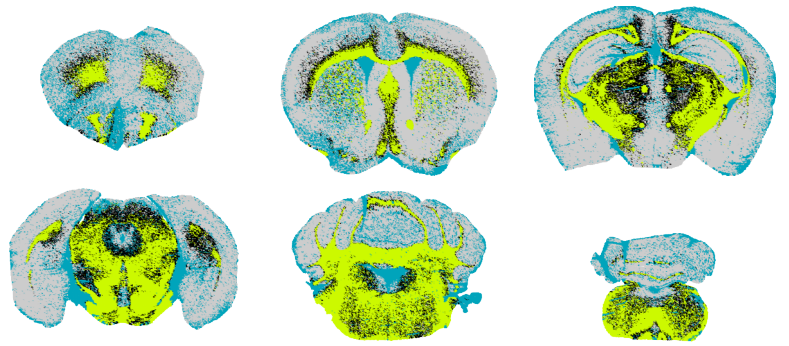
Manuscript lipizones (first row) vs clusters (second row)



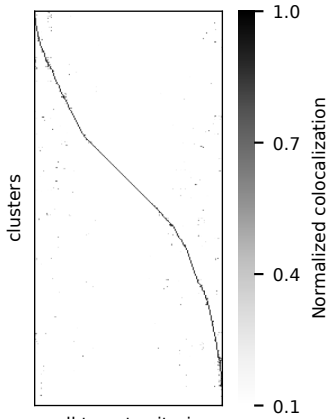
Enrichment of clusters across major brain divisions



4 broad clusters

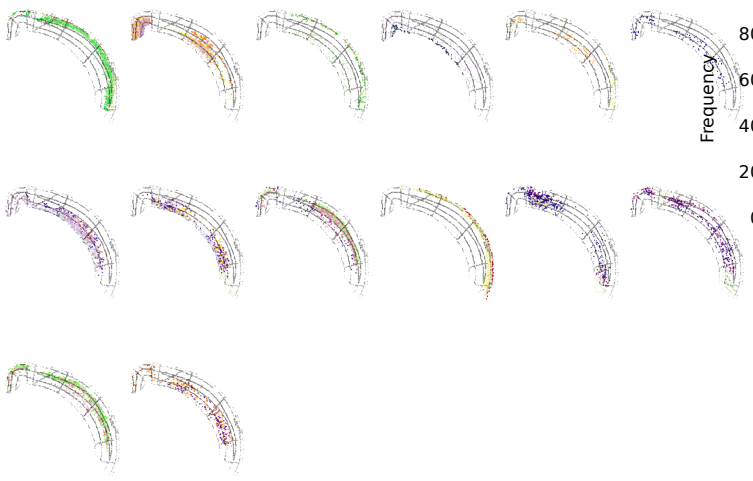


Clusters vs cell type territories

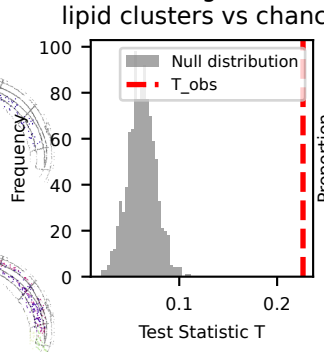


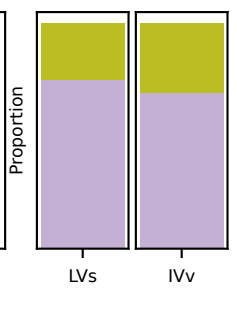
Examples of clusters mapping to cell type territories

Cortical organization of clusters, incl. barrel cortex

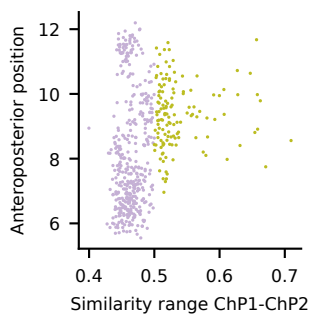


Connected regions sharing lipid clusters vs chance

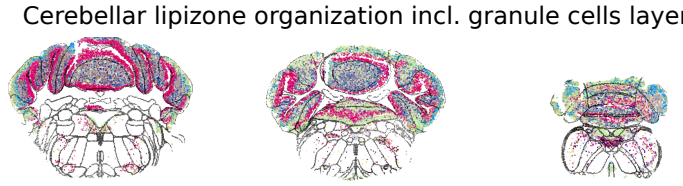




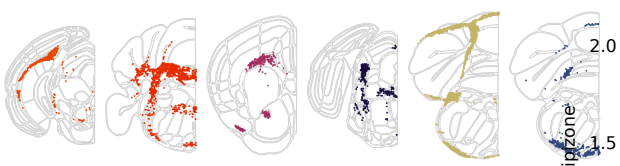
Two main lipizones in the ChP



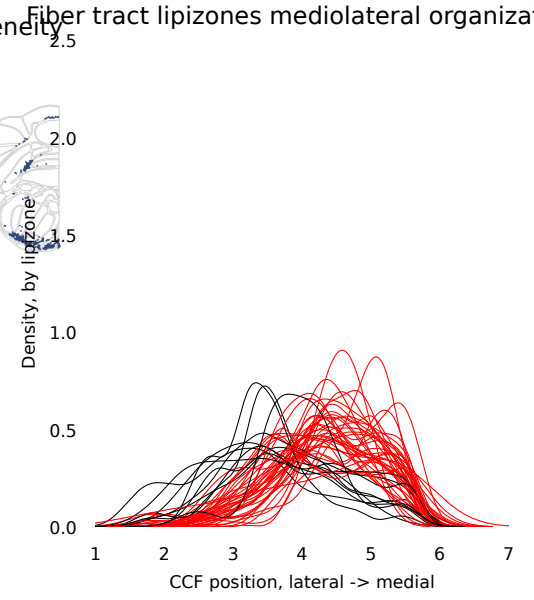
Cerebellar lipizone organization incl. granule cells layer



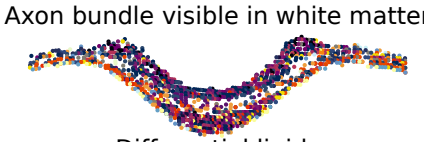
White matter lipizones regionalized heterogeneity



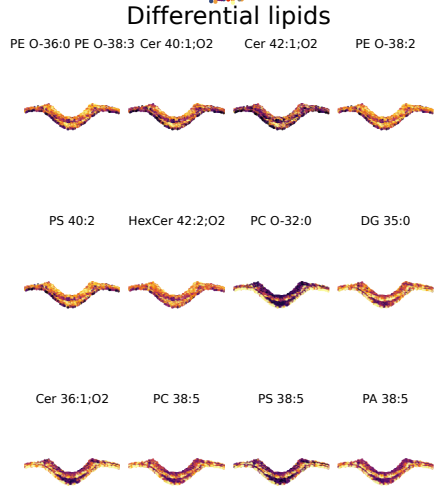
Fiber tract lipizones mediolateral organization



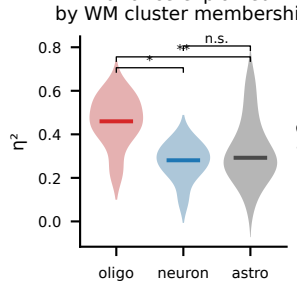
Axon bundle visible in white matter



Differential lipids



Variance explained by WM cluster membership



Top 10 lipids by eta2

