

Supporting information

S2 Fig. Extra figures. Figures showing more examples of analyses made to the databases.

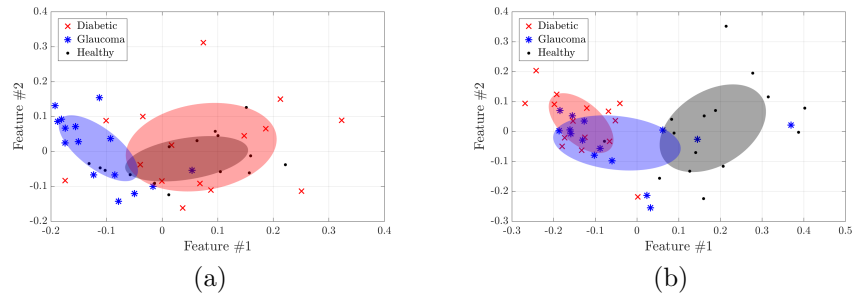


Figure 1: **Central NDD analysis of the HRF database.** IsoMap features for the Central NDD analysis of the HRF database with $l = 1$ and $a = 2$ for the (a) automated and (b) manual segmentations.

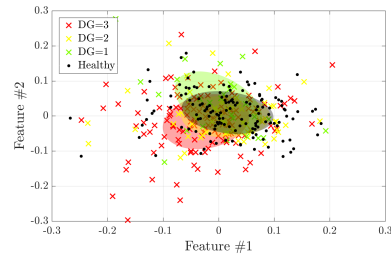
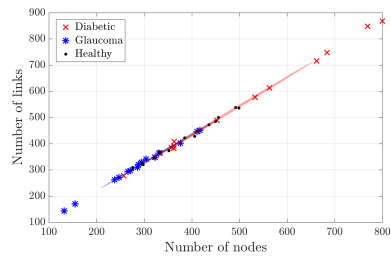
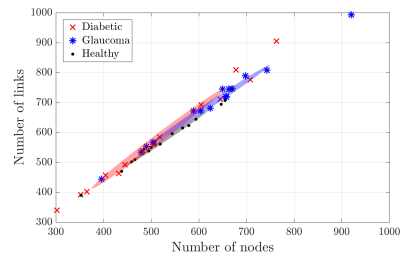


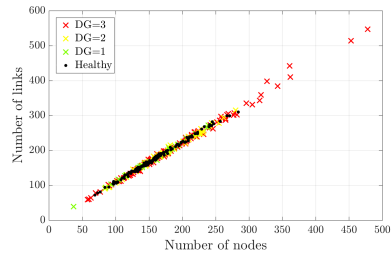
Figure 2: **WDD analysis of the Messidor database.** IsoMap features for the WDD analysis of the Messidor database with $l = 0$ and $a = 1$.



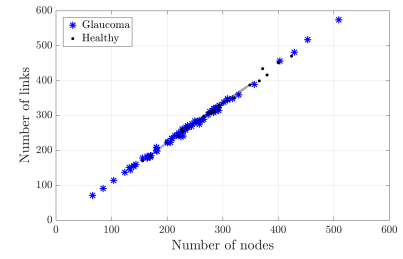
(a)



(b)



(c)



(d)

Figure 3: **Links vs. nodes.** Number of links vs. number of nodes for the HRF database using the automated (a) and manual (b) segmentations, and automatic segmentations of Messidor (c) and IMO (d) databases.