

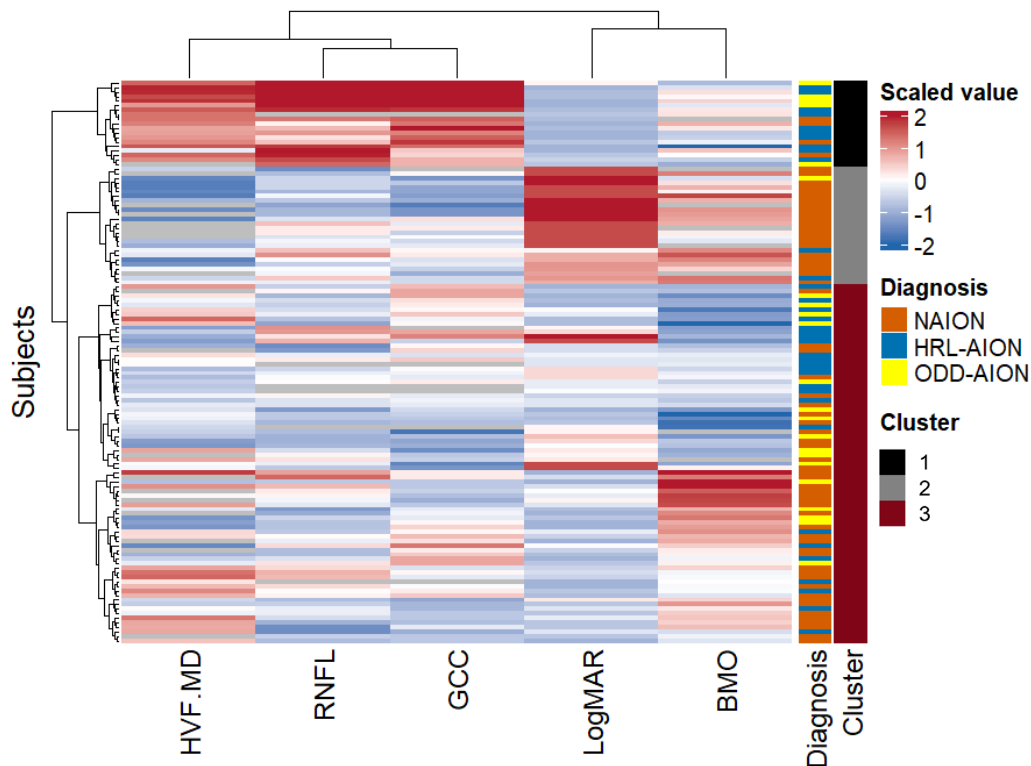


Figure: Hierarchical clustering heatmap of structural and functional parameters across study subjects. The heatmap demonstrates unsupervised hierarchical clustering of subjects based on six eye measurements: Global flavoprotein fluorescence (FPF) signal, Humphrey visual field mean deviation (HVF MD), ganglion cell complex thickness (GCC), retinal nerve fiber layer thickness (RNFL), best-corrected visual acuity (LogMAR), and Bruch's membrane opening (BMO). Values are standardised (z-scored) across subjects, with red indicating relatively higher values and blue indicating relatively lower values. Higher logMAR indicates worse visual acuity. Lower HVF MD indicates worse visual field. The side annotation bars indicate clinical diagnosis (NAION, HRL-AION, and ODD-AION) and data-driven cluster assignment (Clusters 1–3).