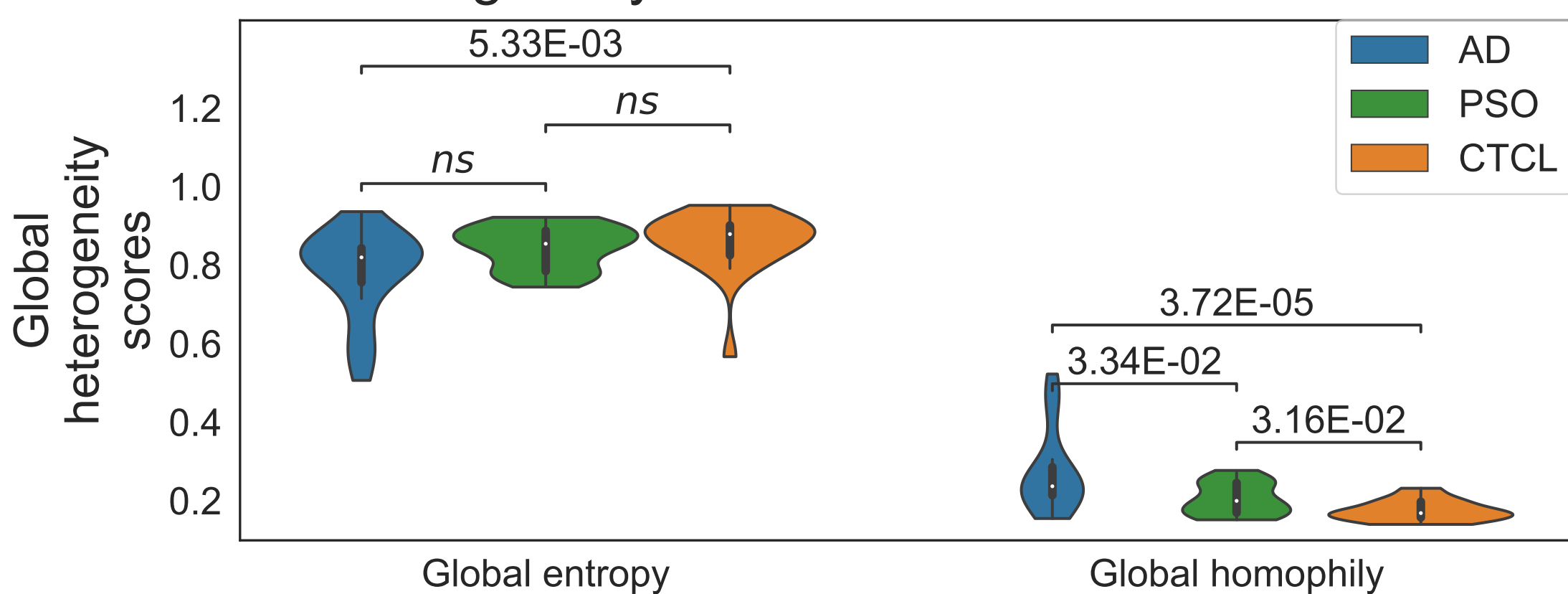
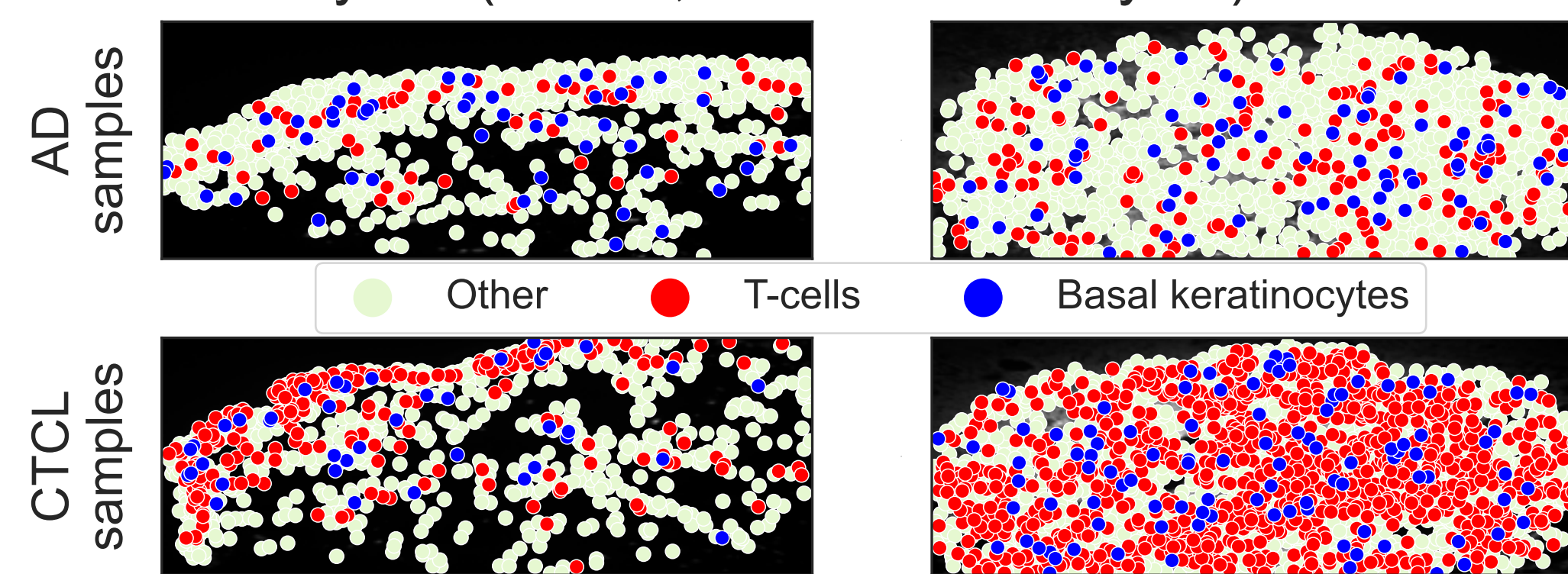


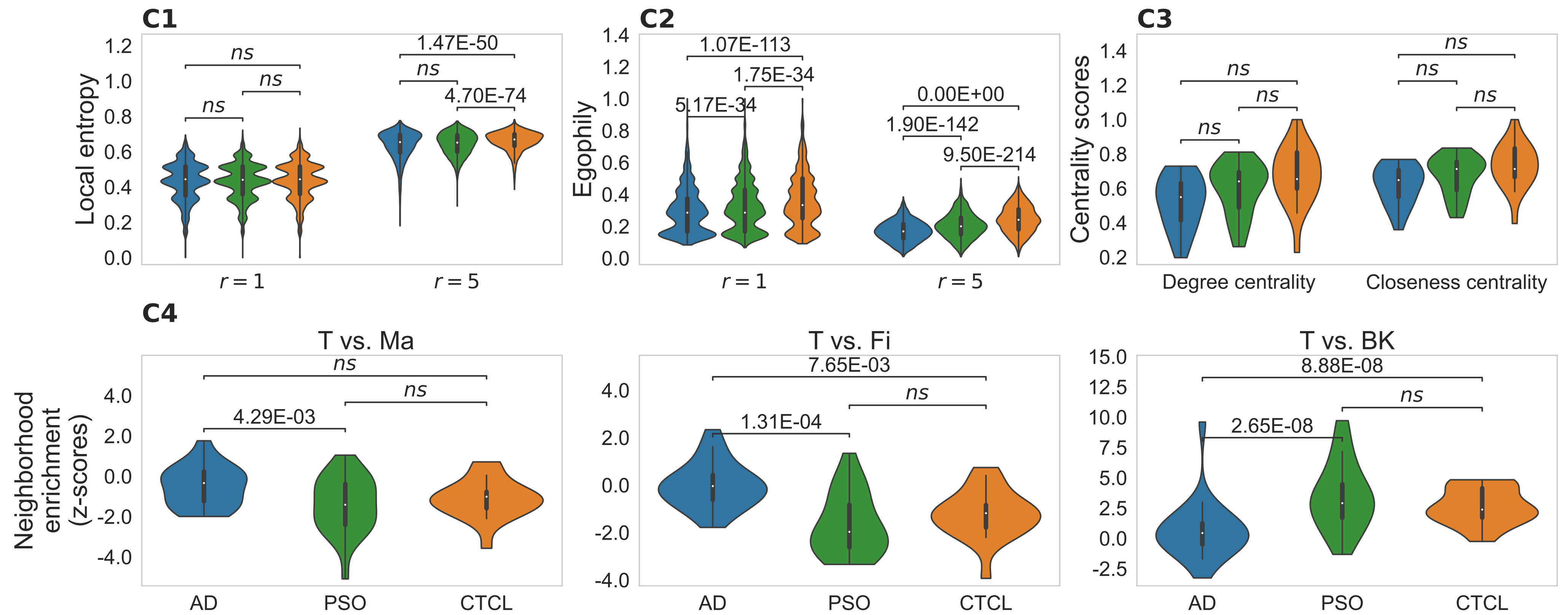
## A Global heterogeneity scores



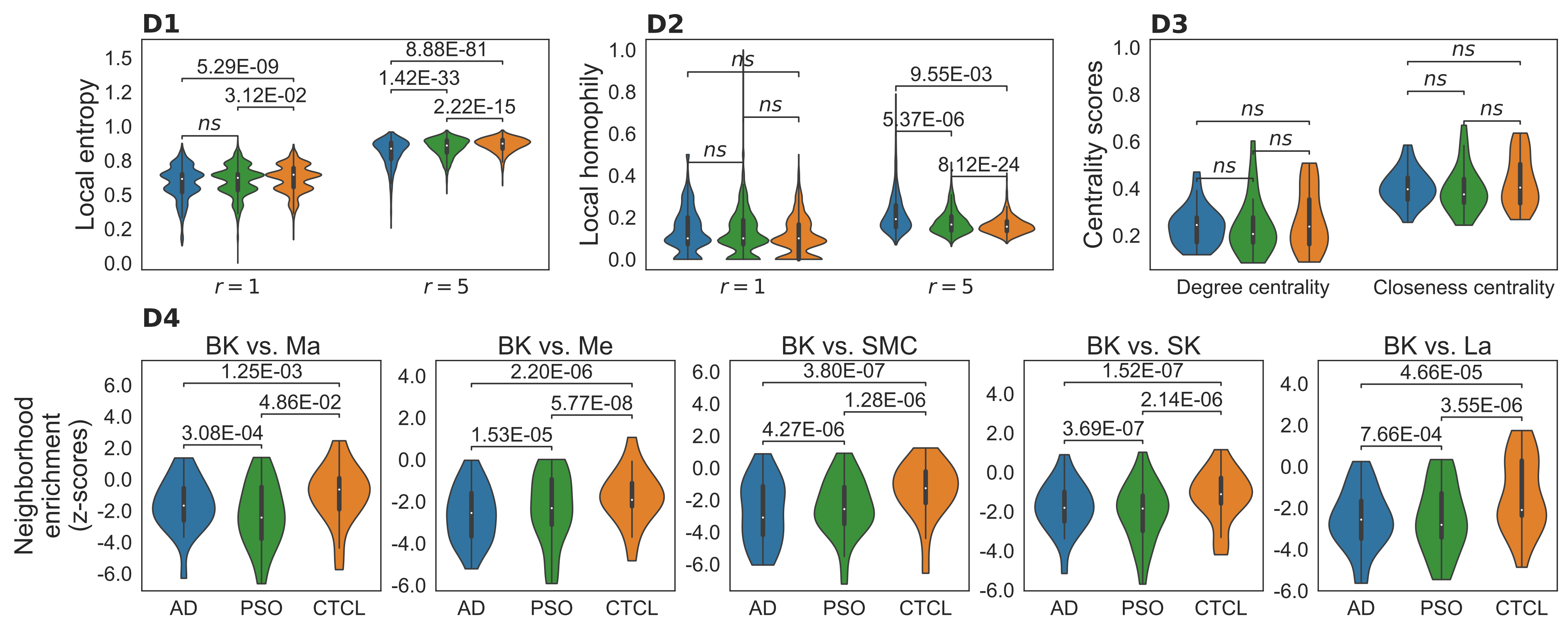
## B Visual analyses (T cells, basal keratinocytes)



## C Local heterogeneity, centrality and neighborhood enrichment scores (T cells)



## D Local heterogeneity, centrality and neighborhood enrichment scores (basal keratinocytes)



**B:** B-cells

**La:** Langerhans cells

**SK:** Suprabasal keratinocytes

**BK:** Basal keratinocytes

**Ma:** Macrophages

**T:** T cells

**En:** Endothelial cells

**Me:** Melanocytes

**Un:** Unknown

**Fi:** Fibroblasts

**SMC:** Smooth muscle cells