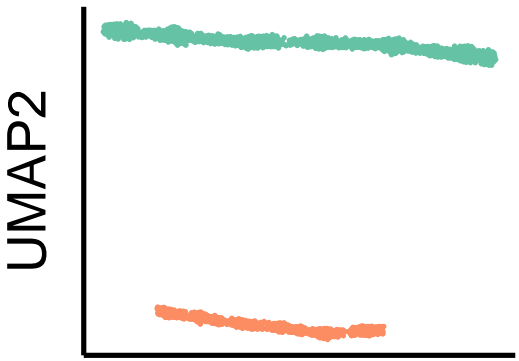
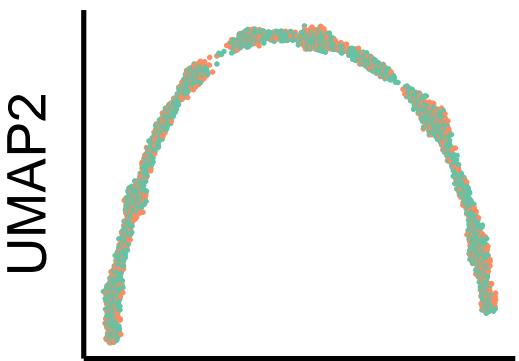


A

Batch ● B2 ● B1



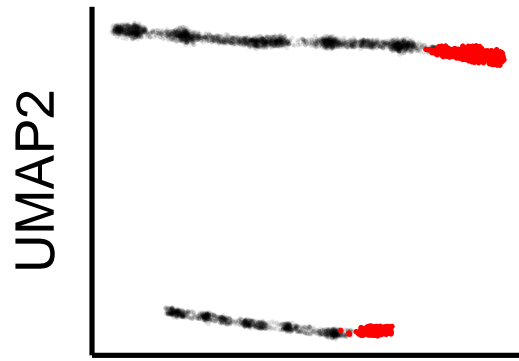
UMAP1



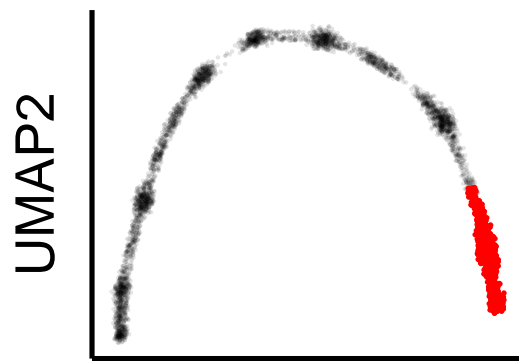
UMAP1

B

● is DA



UMAP1



UMAP1

C

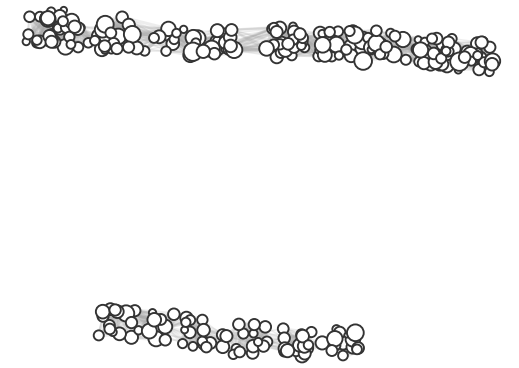
Nhood size log-Fold Change overlap size

○ 25 ○ 100 -2 0 2 4 — 0 — 30

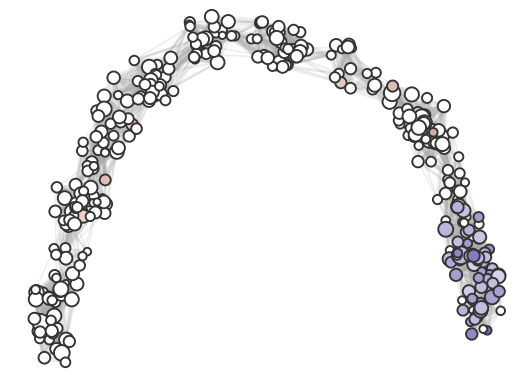
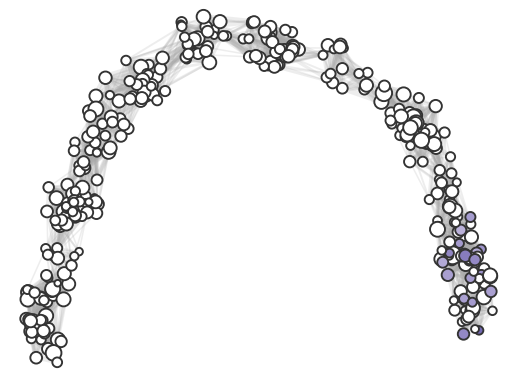
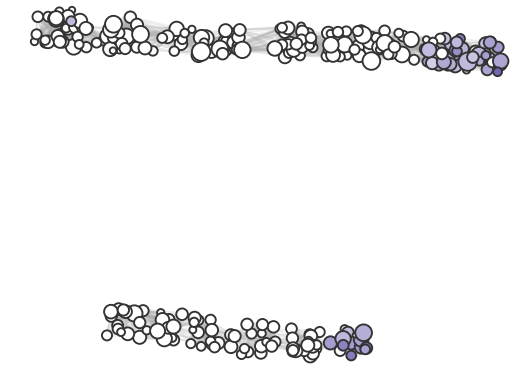
○ 50 ○ 125 — 10 — 40

○ 75 — 20

~ condition



~ batch + condition

**D**

neighbourhoods

| | | ~ condition | | ~ batch + condition | | |
|-----------|--------|-------------|-------|---------------------|-------|---------------|
| Predicted | is DA | 0 | 0 | 2 | 50 | Uncorrected |
| | not DA | 236 | 62 | 234 | 12 | |
| | is DA | 0 | 26 | 8 | 58 | MNN corrected |
| | not DA | 262 | 44 | 254 | 12 | |
| | | not DA | is DA | not DA | is DA | |
| | | True | | | | |