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Outline of the report

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Description for each section

Different resolutions

Seurat uses a *resolution parameter* that sets the granularity of the clustering, with increased values leading to a greater number of identified clusters. The choice of resolution is slightly subjective and often varies on the size of the input data. Typically, for larger datasets, the optimal resolution often increases. The different clustering results are provided below using a set of different resolutions (ranging from 0.3 to 1.5) which can be visualized using tSNE and UMAP plots below:

Code

3

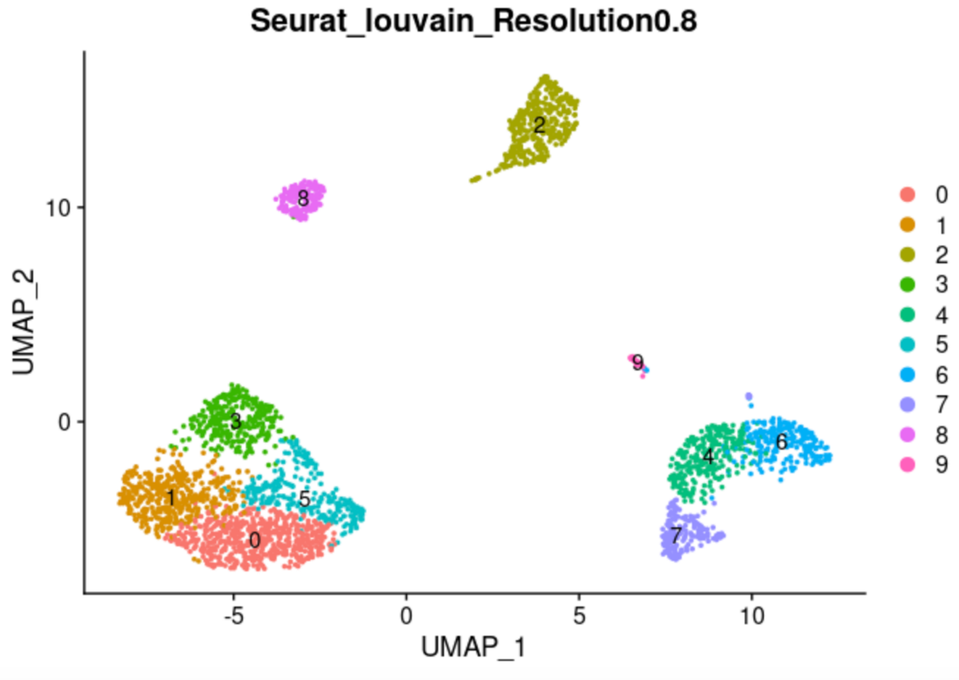
Display code used to generate results

tSNE | UMAP

RES 0.3 | RES 0.4 | RES 0.5 | RES 0.6 | RES 0.7 | RES 0.8 | RES 0.9 | RES 1 | RES 1.1

RES 1.2 | RES 1.3 | RES 1.4 | RES 1.5

Clusters | Samples | Samples separated



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Results & plots