The codes of several benchmarking spatial clustering algorithms are available in the GitHub repositories. For example,

STAGATE (<https://github.com/zhanglabtools/STAGATE>),

SEDR (<https://github.com/JinmiaoChenLab/SEDR/>),

spaGCN (<https://github.com/jianhuupenn/SpaGCN>),

BayesSpace (https://github.com/edward130603/BayesSpace),

DeepST (<https://github.com/JiangBioLab/DeepST>),

Scanpy (https://scanpy.readthedocs.io/en/stable/).