| | | | | | | | | | | | | | | | | | | | | | | | | metric_grp | | m | etric_grp |
|---------|-----------------|---------|-----------------|-----------------|-------------------------|-------------------------|---------------------------------|--------|-----------------|---------|-----------------|-----------------|-------------------------|-------------------------|---------------------------------|----------|------------------|----------|------------------|------------------|--------------------------|--------------------------|----------------------------------|---------------|-----|----|--|
| 0.51 | 0.53 | 0.73 | 0.72 | | | 0.55 | 0.56 | 0.46 | 0.52 | 0.70 | 0.72 | | | 0.57 | 0.56 | 0.66 | 0.74 | 0.68 | 0.73 | | | 0.53 | 0.55 | bindSC | 0.8 | .8 | ADT downsample Both modalities downsample |
| 0.00 | 0.00 | -0.00 | -0.00 | | 0.81 | NA | NA | 0.00 | 0.00 | -0.00 | -0.00 | | 0.83 | NA | NA | 0.00 | 0.00 | -0.00 | -0.00 | | 0.86 | NA | NA | CiteFuse | 0.0 | .6 | scRNA downsample |
| 0.48 | 0.49 | 0.73 | 0.71 | | | 0.56 | 0.54 | 0.69 | 0.67 | 0.71 | 0.72 | | | 0.53 | 0.53 | 0.69 | 0.69 | 0.70 | 0.70 | | | 0.52 | 0.52 | MaxFuse | 0.4 | 4 | |
| 0.36 | 0.35 | 0.68 | 0.65 | | | 0.60 | 0.54 | 0.36 | 0.35 | 0.66 | 0.65 | | 1.00 | 0.59 | 0.57 | 0.37 | 0.36 | 0.62 | 0.63 | 0.98 | | 0.59 | 0.54 | MOFA+ | | | |
| 0.40 | 0.35 | 0.67 | 0.64 | | | 0.59 | 0.58 | 0.35 | 0.32 | 0.65 | 0.63 | | 0.99 | 0.63 | 0.58 | 0.32 | 0.30 | 0.65 | 0.63 | 0.98 | | 0.58 | 0.58 | Multigrate | 0.: | .2 | |
| 0.39 | 0.44 | 0.69 | 0.69 | | | 0.59 | 0.58 | 0.42 | 0.56 | 0.66 | 0.71 | | 0.99 | 0.51 | 0.59 | 0.51 | 0.56 | 0.66 | 0.70 | 0.98 | | 0.52 | 0.57 | SCALEX | 0 | | |
| 0.58 | 0.63 | 0.66 | 0.68 | | 0.91 | 0.51 | 0.49 | 0.18 | 0.22 | 0.18 | 0.21 | 0.89 | 0.67 | 0.44 | 0.47 | 0.19 | 0.23 | 0.17 | 0.19 | 0.89 | 0.67 | 0.45 | 0.46 | sciPENN | | | |
| 0.46 | 0.44 | 0.73 | 0.69 | | 1.00 | 0.62 | 0.61 | 0.40 | 0.45 | 0.70 | 0.70 | 0.99 | 1.00 | 0.57 | 0.62 | 0.48 | 0.49 | 0.72 | 0.70 | 0.99 | 1.00 | 0.51 | 0.58 | scMDC | | | |
| 0.41 | 0.38 | 0.70 | 0.67 | | | NA | NA | 0.39 | 0.35 | 0.66 | 0.64 | | 0.99 | NA | NA | 0.51 | 0.47 | 0.66 | 0.65 | | | NA | NA | Seurat v4 WNN | | | |
| 0.42 | 0.39 | 0.68 | 0.66 | | | 0.57 | 0.54 | 0.38 | 0.35 | 0.63 | 0.62 | | 0.99 | 0.55 | 0.53 | 0.52 | 0.50 | 0.67 | 0.66 | 0.98 | | 0.51 | 0.53 | totalVI | | | |
| ARI ADT | ARI level 1 ADT | AMI ADT | AMI level 1 ADT | graph cLISI ADT | graph cLISI level 1 ADT | isolated labels ASW ADT | isolated labels ASW level 1 ADT | ARIRNA | ARI level 1 RNA | AMI RNA | AMI level 1 RNA | graph cLISI RNA | graph cLISI level 1 RNA | isolated labels ASW RNA | isolated labels ASW level 1 RNA | ARI Both | ARI level 1 Both | AMI Both | AMI level 1 Both | graph cLISI Both | graph cLISI level 1 Both | isolated labels ASW Both | isolated labels ASW level 1 Both | | | | |