Scores of a single execution on "consecutive_bifurcating_1_snapshot_fluidigm_c1", using the default parameters auc_R_nx num_files_created correlation mean_R_nx identity identity · identity identity monocle with DDRTree monocle with DDRTree monocle with DDRTree monocle with DDRTree monocle with ICA monocle with ICA monocle with ICA monocle with ICA slingshot · slingshot · slingshot slingshot SCORPIUS SCORPIUS -**SCORPIUS** SCORPIUS **TSCAN TSCAN TSCAN** TSCAN cellTree with VEM cellTree with VEM cellTree with VEM cellTree with VEM embeddr embeddr embeddr embeddr cellTree with maptpx cellTree with maptpx cellTree with maptpx cellTree with maptpx Waterfall Waterfall · Waterfall Waterfall SLICER -SLICER SLICER SLICER SLICE -SLICE SLICE SLICE · topslam · topslam topslam · topslam · SCUBA **SCUBA** SCUBA **SCUBA** DPT DPT DPT DPT Mpath Mpath -Mpath Mpath Wishbone Wishbone Wishbone · Wishbone StemID · StemID · StemID StemID SCOUP SCOUP SCOUP SCOUP pseudogp · pseudogp · pseudogp pseudogp phenopath phenopath · phenopath phenopath ouija ouija · ouija ouija mfa · mfa mfa · mfa **GPfates** GPfates · **GPfates GPfates** cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs shuffle shuffle shuffle shuffle metric auc_R_nx random random random random correlation Score 1.00 1.00 0.50 mean_R_nx 0.75 0.00 0.25 0.50 1.00 0.00 0.25 0.50 0.75 0.00 0.25 0.50 0.75 -0.50-0.250.00 0.25 num_files_created Q_global Q_local num_setseed_calls num_setseed_calls identity identity · identity Q_global Q_local monocle with DDRTree monocle with DDRTree monocle with DDRTree monocle with ICA monocle with ICA monocle with ICA slingshot slingshot slingshot **SCORPIUS** SCORPIUS -**SCORPIUS TSCAN** TSCAN · **TSCAN** cellTree with VEM cellTree with VEM cellTree with VEM embeddr embeddr · embeddr cellTree with maptpx cellTree with maptpx cellTree with maptpx -Waterfall Waterfall Waterfall · SLICER · SLICER · SLICER SLICE · SLICE · SLICE topslam topslam · topslam SCUBA-SCUBA SCUBA · DPT DPT -DPT -Mpath · Mpath -Mpath Wishbone -Wishbone Wishbone StemID StemID StemID SCOUP SCOUP SCOUP pseudogp pseudogp pseudogp phenopath phenopath phenopath ouija · ouija · ouija mfa · mfa · mfa **GPfates GPfates GPfates** cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs shuffle shuffle shuffle random random random 0.75

0

0.0

0.1

0.2

0.3

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0.00

0.25

0.50