Timings on "toy_bifurcating_5", containing a 99-by-101 expression matrix time_cleanup time_coranking time_correlation time_geodesic pseudogp pseudogp · pseudogp · pseudogp ouija ouija · ouija ouija · StemID StemID -StemID StemID · cellTree with Gibbs · cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs SCOUP . SCOUP SCOUP · SCOUP SCUBA -SCUBA SCUBA -SCUBA topslam topslam topslam topslam mfa mfa -GPfates -**GPfates** GPfates -**GPfates** cellTree with VEM cellTree with VEM cellTree with VEM cellTree with VEM monocle with ICA monocle with ICA monocle with ICA monocle with ICA embeddr embeddr embeddr embeddr cellTree with maptpx cellTree with maptpx cellTree with maptpx cellTree with maptpx DPT · DPT DPT DPT SLICER -SLICER SLICER · SLICER Wishbone -Wishbone Wishbone -Wishbone monocle with DDRTree monocle with DDRTree monocle with DDRTree monocle with DDRTree SLICE SLICE SLICE phenopath phenopath phenopath phenopath Mpath · Mpath Mpath Mpath slingshot slingshot · slingshot slingshot -TSCAN-TSCAN · TSCAN -TSCAN **SCORPIUS SCORPIUS** SCORPIUS -SCORPIUS Waterfall · Waterfall Waterfall · Waterfall shuffle shuffle shuffle · shuffle part random random random random time_cleanup identity · identity identity identity time_coranking 10^{-0.92} 10^{-0.9} 10^{-0.88} $10^{-2.05}$ 10^{-1.95} 10^{-1.85} time_correlation $10^{-2.5}$ 10^{-2} $10^{-1.5}$ 10^{-1} 10^{-2} time_geodesic time_method time_setup time_total time_method pseudogp pseudogp pseudogp · time_setup ouija ouija ouija time_total StemID StemID StemID cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs SCOUP SCOUP · SCOUP SCUBA SCUBA SCUBA topslam topslam topslam mfa · mfa **GPfates GPfates GPfates** cellTree with VEM cellTree with VEM cellTree with VEM monocle with ICA monocle with ICA monocle with ICA embeddr embeddr embeddr cellTree with maptpx cellTree with maptpx cellTree with maptpx DPT DPT DPT SLICER SLICER · SLICER Wishbone · Wishbone -Wishbone monocle with DDRTree monocle with DDRTree monocle with DDRTree SLICE -SLICE . SLICE phenopath phenopath · phenopath · Mpath · Mpath Mpath slingshot · slingshot · slingshot · TSCAN: TSCAN -TSCAN · SCORPIUS -SCORPIUS · SCORPIUS · Waterfall Waterfall -Waterfall · shuffle shuffle · random random random identity · identity identity -10^{1.5} 10^{-1} 10⁰ Time (s)