Timings on "toy_bifurcating_5", containing a 99-by-101 expression matrix time_cleanup time_coranking time_correlation time_geodesic ouija ouija ouija · ouija pseudogp pseudogp pseudogp pseudogp cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs SCOUP SCOUP SCOUP **SCOUP** StemID StemID StemID StemID SCUBA SCUBA -SCUBA · SCUBA topslam topslam topslam topslam **GPfates** GPfates -**GPfates GPfates** mfa · mfa mfa mfa monocle with ICA monocle with ICA monocle with ICA monocle with ICA SLICER SLICER SLICER SLICER SLICE SLICE SLICE SLICE monocle with DDRTree monocle with DDRTree monocle with DDRTree monocle with DDRTree embeddr embeddr embeddr embeddr cellTree with maptpx cellTree with maptpx cellTree with maptpx cellTree with maptpx DPT DPT DPT DPT slingshot slingshot slingshot slingshot Mpath -Mpath Mpath Mpath phenopath phenopath phenopath phenopath Wishbone -Wishbone Wishbone · Wishbone cellTree with VEM cellTree with VEM cellTree with VEM cellTree with VEM **TSCAN TSCAN TSCAN TSCAN** SCORPIUS · SCORPIUS · **SCORPIUS SCORPIUS** random random random random Waterfall -Waterfall Waterfall Waterfall shuffle shuffle shuffle shuffle part time_cleanup identity identity identity identity · time_coranking 0.050 0.075 0.2 0.000 0.004 0.006 0.008 7.5 0.025 0.002 0.000 0.0 0.1 0.3 0.0 2.5 5.0 10.0 time_correlation time_geodesic time_method time_setup time_total time_method ouija · ouija · ouija · time_setup time_total pseudogp pseudogp pseudogp cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs SCOUP SCOUP SCOUP StemID StemID -StemID SCUBA -SCUBA SCUBA topslam topslam topslam **GPfates** GPfates -GPfates · mfa mfa monocle with ICA monocle with ICA monocle with ICA -SLICER -**SLICER** SLICER SLICE · SLICE SLICE monocle with DDRTree monocle with DDRTree monocle with DDRTree embeddr embeddr embeddr cellTree with maptpx cellTree with maptpx cellTree with maptpx -DPT -DPT DPT slingshot slingshot slingshot-Mpath Mpath Mpath phenopath phenopath · phenopath Wishbone -Wishbone Wishbone · cellTree with VEM cellTree with VEM cellTree with VEM -**TSCAN TSCAN TSCAN** SCORPIUS -**SCORPIUS** SCORPIUS · random · random · random Waterfall -Waterfall Waterfall shuffle shuffle shuffle · identity · identity identity 300 300 200 100 200 100 6 0 2 0

Time (s)