Timings on "toy_bifurcating_5", containing a 99-by-101 expression matrix time_cleanup time_coranking time_geodesic ouija ouija [.] ouija pseudogp pseudogp pseudogp cellTree with Gibbs cellTree with Gibbs cellTree with Gibbs -SCOUP SCOUP · SCOUP StemID StemID StemID SCUBA -SCUBA SCUBA topslam topslam topslam mfa mfa mfa GPfates · **GPfates GPfates** SLICER -SLICER SLICER cellTree with maptpx cellTree with maptpx cellTree with maptpx monocle with ICA monocle with ICA monocle with ICA SLICE SLICE SLICE -DPT DPT DPT embeddr embeddr embeddr cellTree with VEM cellTree with VEM cellTree with VEM monocle with DDRTree monocle with DDRTree monocle with DDRTree slingshot slingshot slingshot Wishbone -Wishbone Wishbone phenopath · phenopath · phenopath Mpath Mpath · Mpath Waterfall -Waterfall Waterfall TSCAN-**TSCAN TSCAN** random random random shuffle shuffle shuffle SCORPIUS -SCORPIUS SCORPIUS part identity identity identity time_cleanup 0.02 0.25 0.01 0.50 0.75 0.00 0.03 time_coranking 1.00 0.00 9 time_geodesic time_method time_total time_setup time_method time_setup ouija · ouija · ouija 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 mfa mfa mfa **GPfates** GPfates -**GPfates** SLICER SLICER -SLICER cellTree with maptpx cellTree with maptpx cellTree with maptpx monocle with ICA monocle with ICA monocle with ICA SLICE SLICE SLICE -DPT DPT DPT · embeddr embeddr embeddr cellTree with VEM cellTree with VEM cellTree with VEM monocle with DDRTree monocle with DDRTree monocle with DDRTree slingshot slingshot slingshot -Wishbone -Wishbone Wishbone phenopath phenopath phenopath Mpath Mpath · Mpath • Waterfall -Waterfall Waterfall TSCAN-**TSCAN TSCAN** random random random shuffle shuffle shuffle SCORPIUS -SCORPIUS -SCORPIUS identity identity identity 200 100 100 150 150 200 50 50 0 0 2 6 Time (s)