69 16.5 genes Larget – 2nd largest 69 genes vs. 500 times of gene-permutation 8 0.4 p = 09 BioTIP 40 0.2 Density 0 20 0.0 14.5 18.5 16.5 0.00 0.04 0.08 Bandwidth = 0.00181N = 50069 16.5 genes Delat Ic*, sample shuffling vs. 500 times of cell-permutation 1.5 = 0.020. BioTIP Density 0.015 0.5 14.5 16.5 18.5 0.0 0.2 0.6 0.4 0.8 Bandwidth = 0.02103N = 500