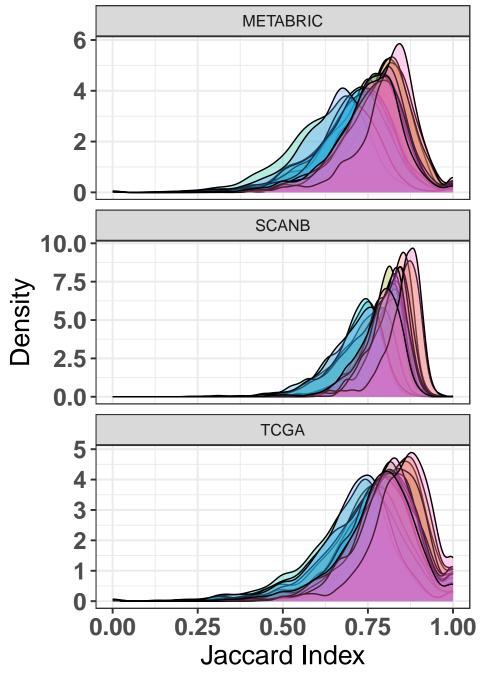Comparison of neighborhoods for 1000 samples