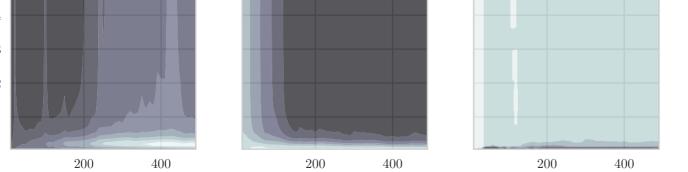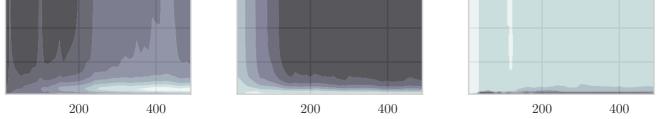Weights and Accuracy w.r.t. Neighborhood and Sample Size