Distances from Nearest Facility, Empirical CDF (nIndividuals=50,nFacilities=8/16,nTrials=200) 1.0 8.0 Fraction of Individuals 0.6 sum_distance_weighted_1 type 0 sum distance weighted 1 type 1 0.4 sum prob weighted 1 type 0 sum prob weighted 1 type 1 sum prob weighted 5 type 0, sum distance weighted 5 type 0 sum prob weighted 5 type 1, sum distance weighted 5 type 1 sum_prob_weighted_1000 type 0, sum distance weighted 1000 type 0 0.2 sum prob weighted 1000 type 1, sum distance weighted 1000 type 1 sum log prob weighted 1 type 0 sum log prob weighted 1 type 1 sum log prob weighted 5 type 0 sum log prob weighted 5 type 1 sum log prob weighted 1000 type 0 0.0 sum log prob weighted 1000 type 1 0.0 0.1 0.2 0.3 0.4 Distances from Nearest Facility