Distances from Nearest Facility, Empirical CDF (nIndividuals=100,nFacilities=8/16,nTrials=50) 1.0 0.8 Fraction of Individuals 0.6 sum prob weighted 1 type 0, sum distance weighted 1 type 0 0.4 sum prob weighted 1 type 1, sum distance 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 log prob weighted 1 type 0 0.2 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, sum prob weighted 1000 type 0, sum\_distance\_weighted 1000 type 0 sum log prob weighted 1000 type 1, sum prob weighted 1000 type 1, 0.0 sum distance weighted 1000 type 1 0.00 0.05 0.10 0.15 0.20 0.25 0.30 Distances from Nearest Facility