Estimating Median of Poisson Distribution Thinned Estimates Observed Estimates n = 10, p = 0.2n = 20, p = 0.2n = 500, p = 0.20.08 0.08 0.08 0.04 0.04 0.04 0.00 0.00 0.00 -20 -10 10 -20 -10 -20 -10 0 20 0 10 20 0 10 20 n = 10, p = 0.5n = 500, p = 0.5n = 20, p = 0.50.08 0.08 0.08 Density 0.04 0.04 0.04 0.00 0.00 0.00 -20 -10 10 -20 -10 10 20 -20 -10 10 0 20 0 0 20 n = 10, p = 0.8n = 20, p = 0.8n = 500, p = 0.80.08 0.08 0.08 0.04 0.04 0.04 0.00 0.00 0.00 -10 10 20 -20 -10 10 20 -20 -10 10 20 -20 0 0 0 **Estimates**