Estimating λ of Poisson Distribution Thinned Estimates Observed Estimates n = 20, p = 0.2n = 10, p = 0.2n = 500, p = 0.20.5 0.5 0.5 0.4 9.4 9.0 0.3 0.3 0.3 0.2 0.2 0.2 0.1 0.1 0.1 0.0 0.0 -2 -3 0 2 -3 -2 0 2 -2 -1 0 2 -1 3 -1 3 -3 3 n = 20, p = 0.5n = 10, p = 0.5n = 500, p = 0.50.5 0.5 0.5 0.4 0.4 0.4 Density 0.3 0.3 0.3 0.2 0.2 0.2 0.1 0.1 0.1 0.0 2 -2 -2 0 3 -3 -2 0 2 3 -3 0 2 3 -3 n = 10, p = 0.8n = 20, p = 0.8n = 500, p = 0.80.5 0.5 0.5 0.4 9.4 0.4 0.3 0.3 0.3 0.2 0.2 0.2 0.1 0.1 0.1 0.0 0.0 0.0 -3 -2 0 2 3 -3 -2 0 2 3 -3 -2 0 2 3 1 1 **Estimates**