Figure 1: Simple Random Sampling 95% Confidence Intervals p = .2





Figure 2: Simple Random Sampling 95% Confidence Intervals n = 500



Figure 3: Simple Random Sampling 95% Confidence Intervals n = 100



True Proportion

Figure 4: Repeated Simple Random Sampling Variability Plots P = .2



Sample Size

Figure 5: Repeated Simple Random Sampling from Finite Population Variability Plots n = 500 P = .2



Figure 6: Repeated Weighted Sampling Variability Plots 50% Sample Fraction P = .2





Figure 7a: Population Distribution N = 100 for sampling proportional to degree



Degree

Figure 7b: Population Distribution N = 200 for sampling proportional to degree



Degree

Figure 7c: Population Distribution N = 400 for sampling proportional to degree



Figure 7d: Population Distribution N = 600 for sampling proportional to degree



Degree

Figure 7e: Population Distribution N = 800 for sampling proportional to degree



Figure 7f: Population Distribution N = 1000 for sampling proportional to degree



Figure 8

Weighted Sampling 95% CI Plots 100 Samples 50% Sample Fraction P = .2



Figure 9a: Cluster Sampling 95% CI Plots 100 Samples 25% Sample Fraction P = .2 Cluster probabilities 0.10, 0.11, ..., .19, .21, .22, ..., .30





Figure 10: Sampling Method Comparison Variability Plots N=2000 n = 500 P = .2

