Lower Error Frequency Properties for Simulations with 0.5% Prevalence among 8,000 Groups of 1 Each Point = 10,000 Replications Weights with Non–0 Prev. 75% Weights with Non-0 Prev. 25% Weights with Non-0 Prev. 2% Weights with Non-0 Prev. 5% Weights with Non-0 Prev. 10% Weights with Non-0 Prev. 50% 3% 1% 3% Lower Error Frequency % % 0% 3% 2% 1% 0% 2 2 0 Weight Coefficient of Variation

Method - Agresti-Coull (Unadjusted) - Clopper-Pearson (Unadjusted) - wsPoisson - wsPoisson with mid-p