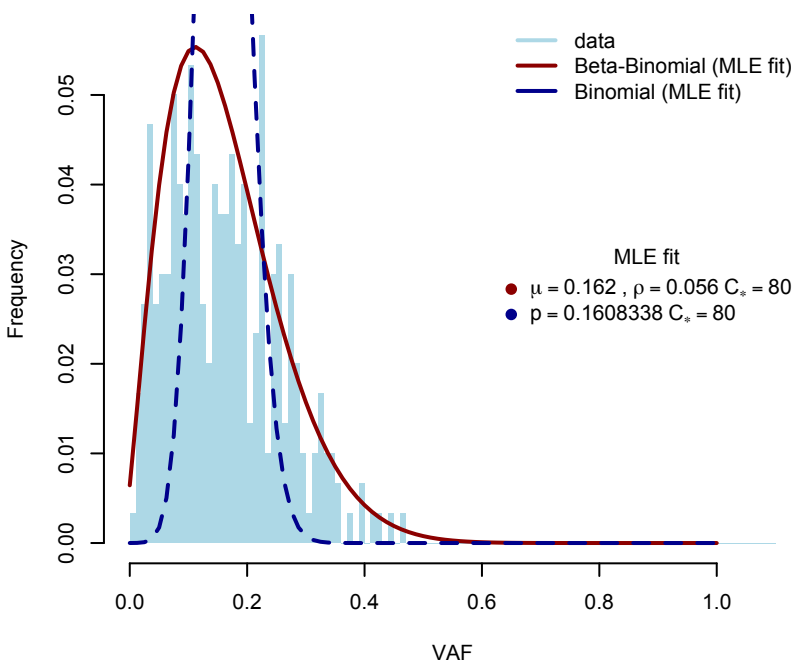
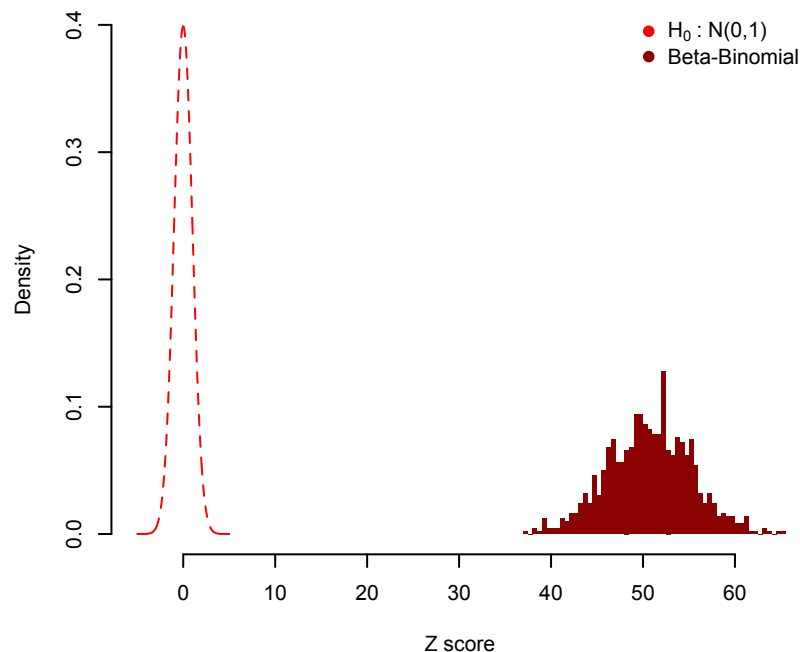


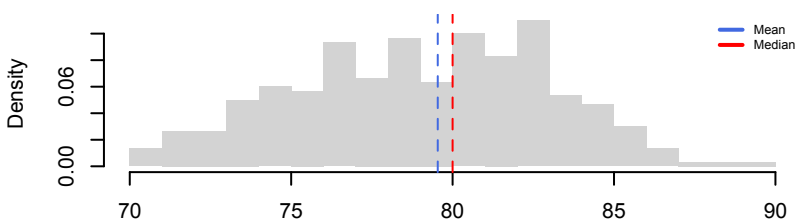
Simulated Beta-Binomial data with $N = 1000$ $\mu = 0.35$, $\rho = 0.15$



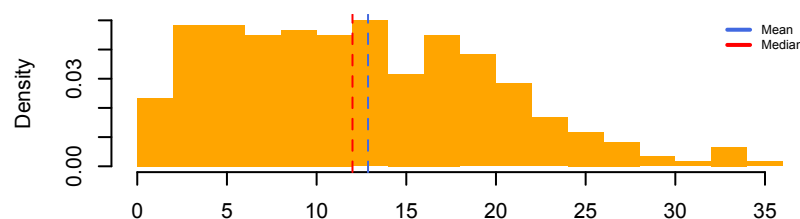
Tarone's Z statistics
for overdispersion (M=1000)



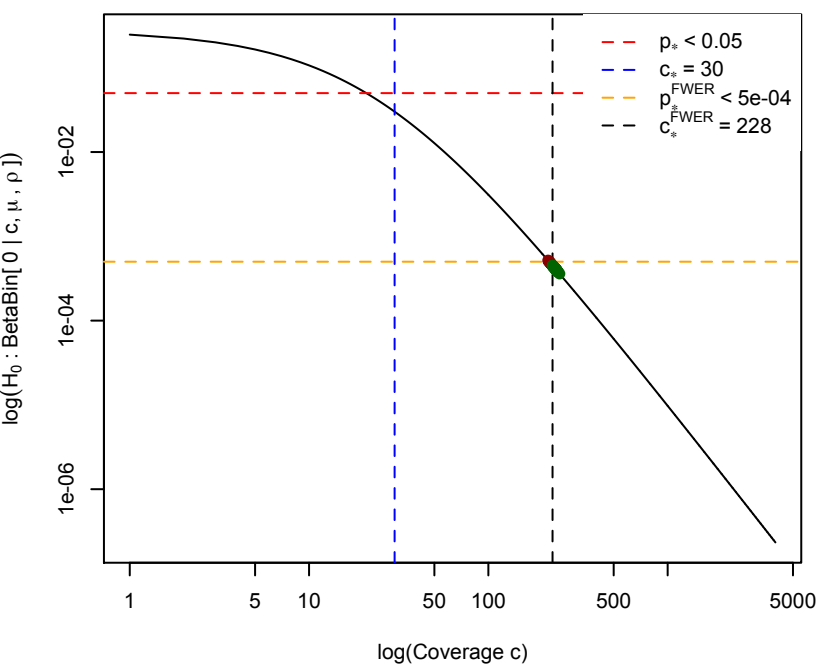
Coverage distribution



Mutants distribution



P-values with FWER: $\alpha = 0.05$, 100 tests, $\pi = 0.25$



Coverage distribution corrected for π

