TABLE 51: Goodness of lit test	results
Alternative Hypothesis	p-value
GLM-NB > Poisson ZIP > Poisson ZINB > GLM-NB GLM-NB > HNB	0.000 0.000 0.660 0.046
GLM-NB = generalized linear model with negative binomial distribution Poisson = generalized linear model with Poisson distribution ZIP = zero-inflated poisson model ZINB = zero-inflated negative binomial model	

HNB = negative binomial hurdle model.

TABLE S1. Coodness of fit test results