

Optimum number of clusters calculated for *Teratosphaeria destructans* from seven populations.

The optimal number of clusters was calculated using two methods. The Bayesian information criteria (BIC) was calculated using the adegent (Jombart, 2008) package in R and $L(K)$ and ΔK was calculated with the online CLUMPAK (Clustering Markov Packager Across K; Kopelman et al., 2015) platform using the best K function. The optimum number of clusters were four.

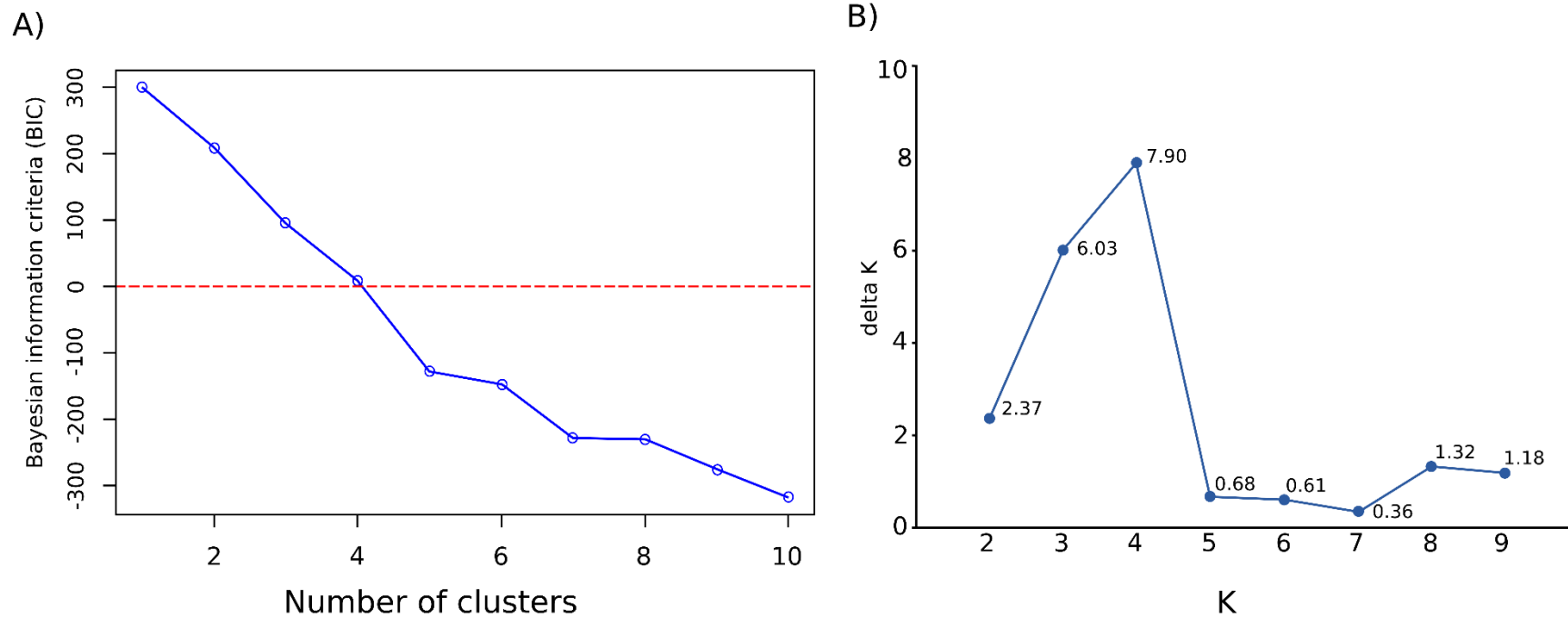


FIGURE S3. Optimal number of cluster ($K = 4$) as determined by the Bayesian information criteria (A) and deltaK (B) values