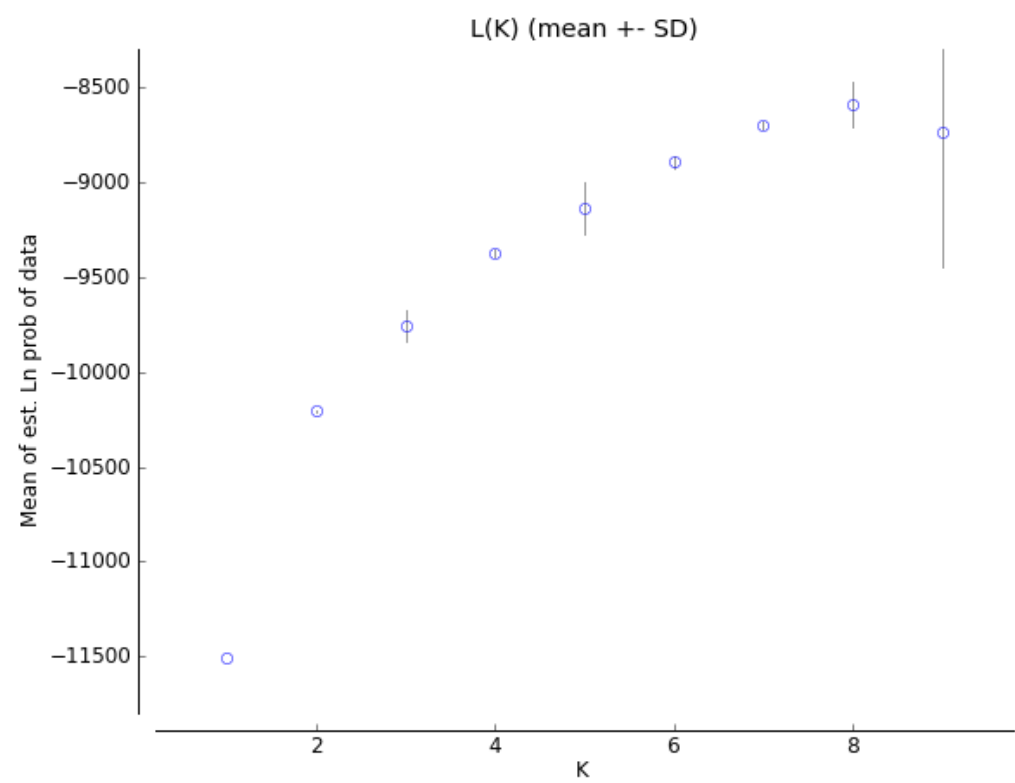
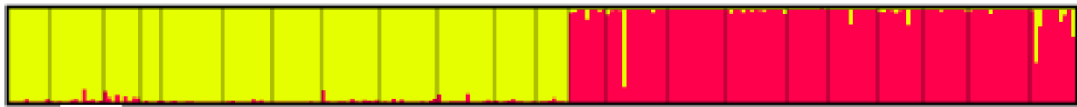
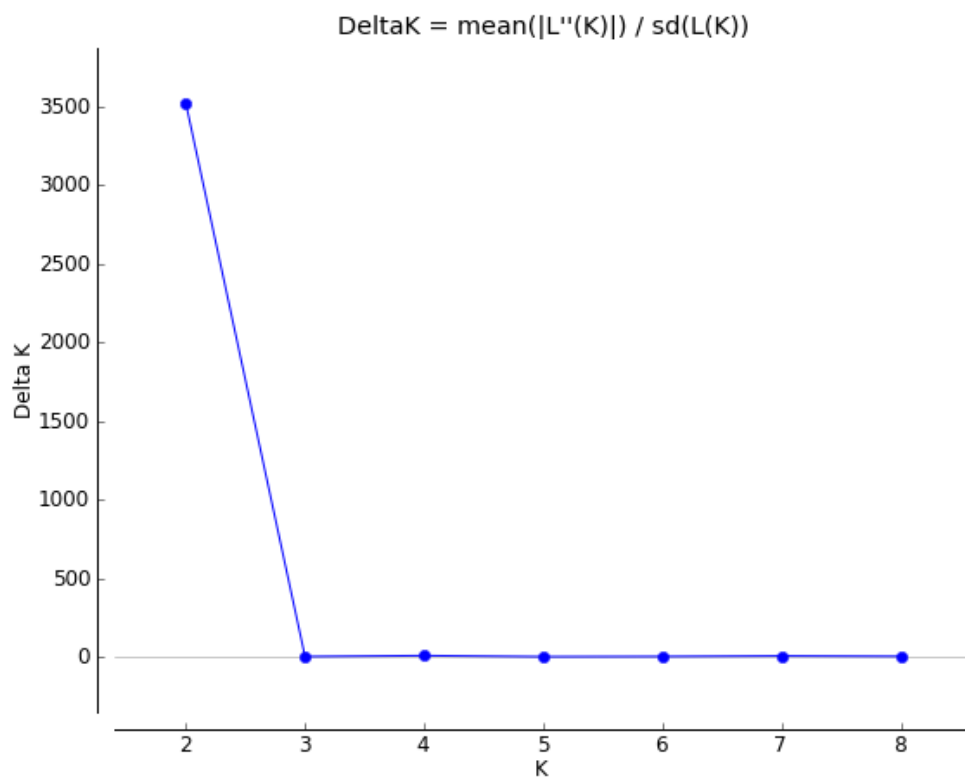
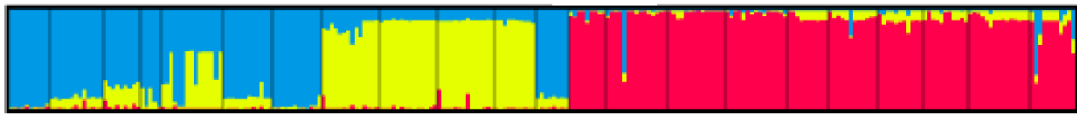


The structural analysis of *E. roxburghiana* and *E. fenzelii*, showing the $\text{Ln Pr}(X|K)$ and ΔK , and $K=2, K=3, K=4$;

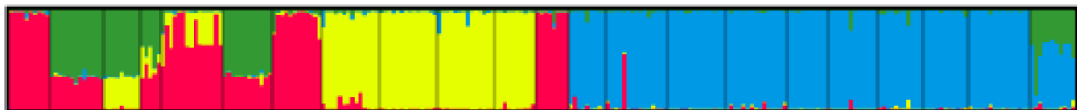




(a) K=2



(b) K=3

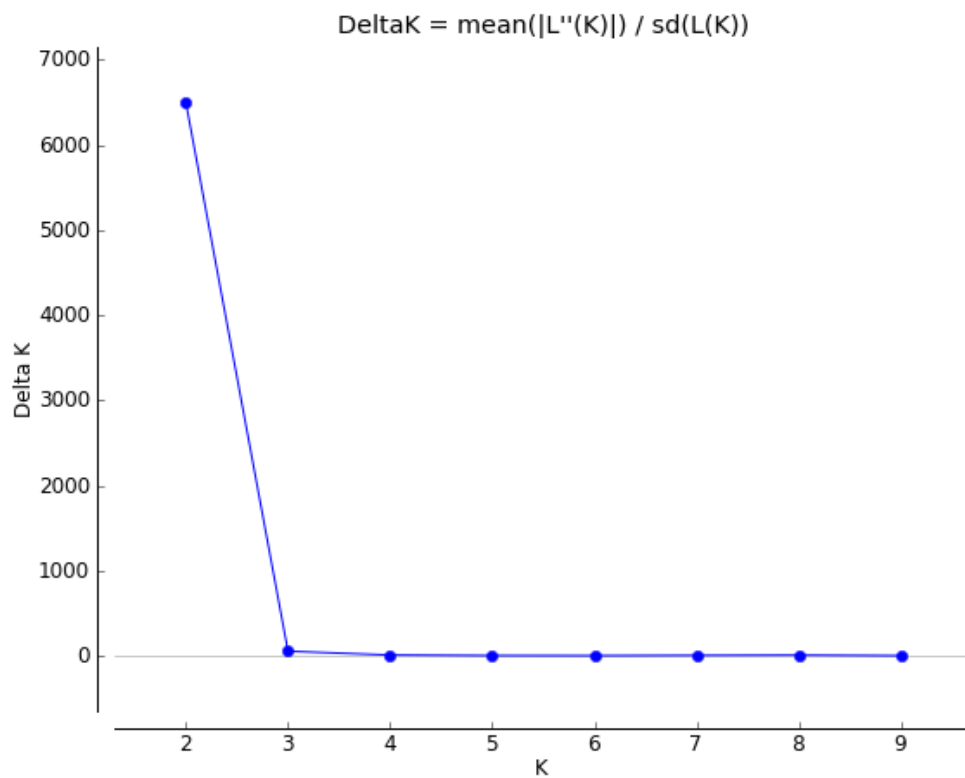
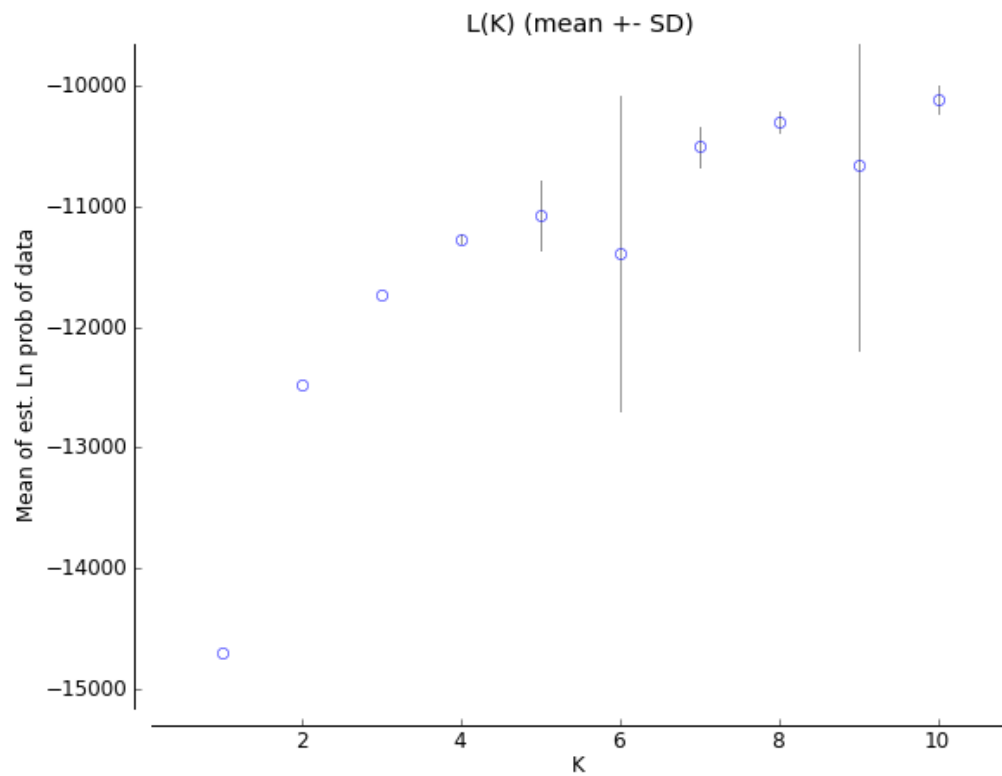


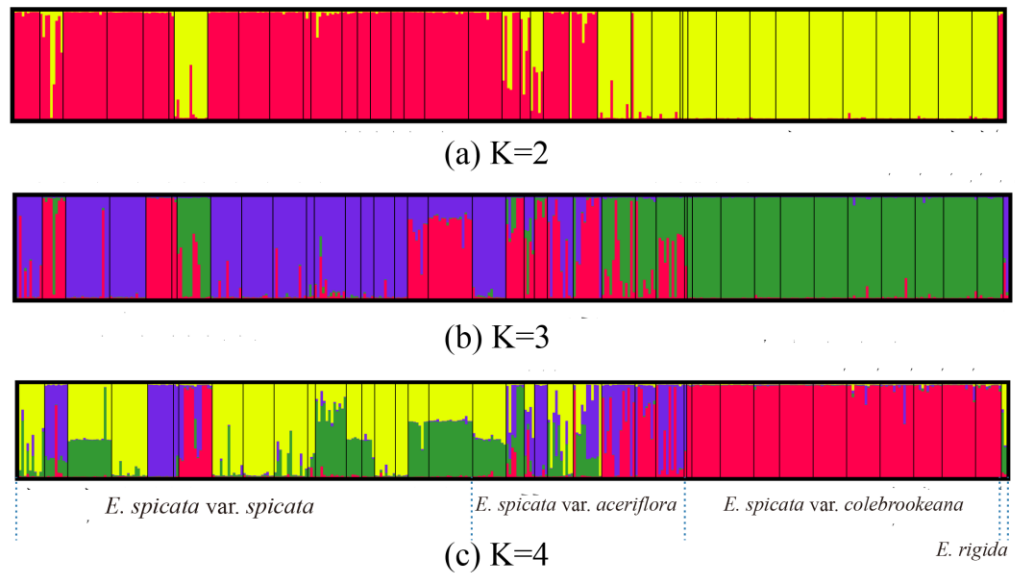
E. roxburghiana

E. fenzelii

(c) K=4

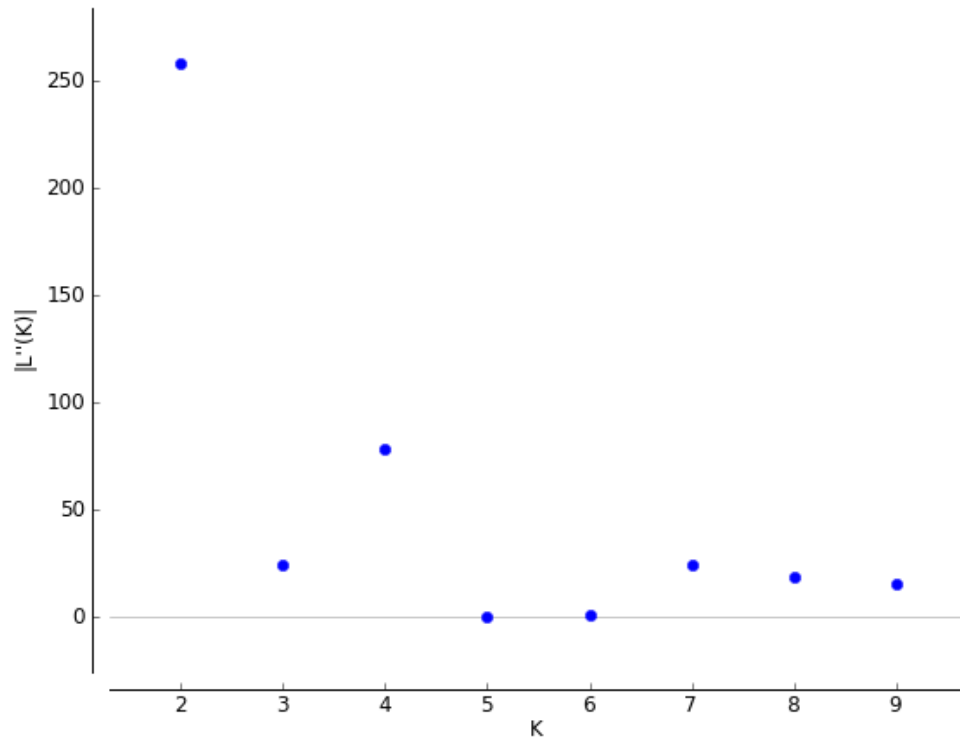
The structural analysis of *E. spicata* var. *spicata*, *E. spicata* var. *aceriflora*, *E. spicata* var. *colebrookeana* and *E. rigida*, showing the $\ln \Pr(X|K)$ and ΔK , and (a) $K=2$, (b) $K=3$, (c) $K=4$.



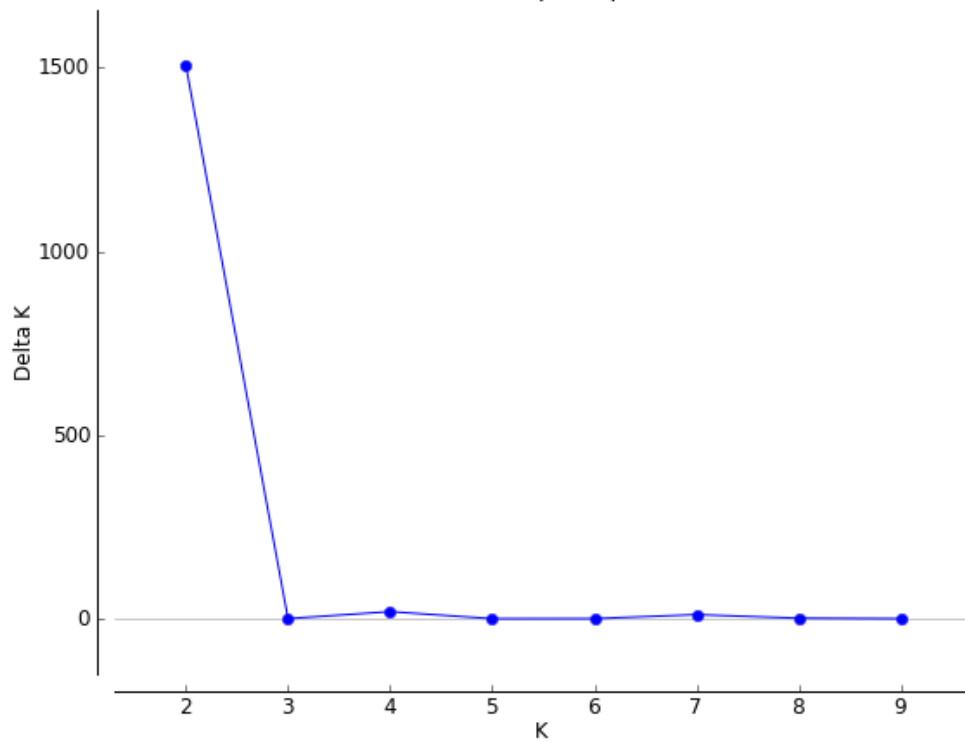


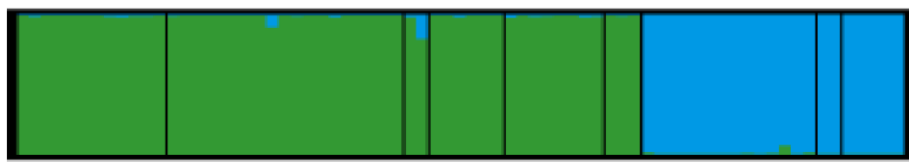
The structural analysis of *E. hainanensis*, *E. apoensis*, *E. serrata* var. *serrata* and *E. serrata* var. *cambodica*, showing the $\ln \Pr(X|K)$ and ΔK , and (a) $K=2$, (b) $K=3$, (c) $K=4$.

Absolute value of the 2nd order rate of change of the likelihood distribution (mean)

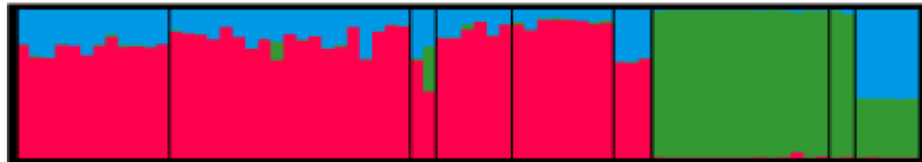


$\Delta K = \text{mean}(|L''(K)|) / \text{sd}(L(K))$

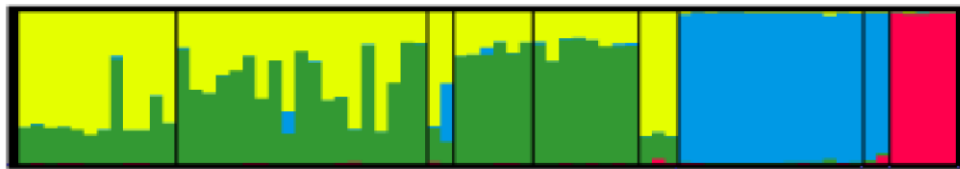




(a) K=2



(b) K=3



E. serrata var. *cambodica*

(c) K=4

E. serrata var. *serrata*

E. apoensis

E. hainanensis