

Pairwise No. of Differences

Input Data File: C:\...\moussquto\AL-3.meg

Number of sequences: 29 Number of sequences used: 29

Selected region: 1-917 Number of sites: 917

Total number of sites (excluding sites with gaps / missing data): 390

Number of polymorphic (segregating) sites, S: 237

Observed values:

Nucleotide diversity, π : 0.10724Average Number of Pairwise Differences, k : 41.825Observed variance of k : 4642.3767Observed C.V. of k : 1.6431Raggedness statistic r : 0.0152

Mean Absolute Error, MAE: 1.2278

Ramos-Onsins and Rozas, R_2 statistic: 0.0868

Expected values:

Expected Total variance of k (no recombination), $V(k)$: 349.405Expected C.V. of k (no recombination): 0.4469Expected Stochastic variance of k (no recombination), $V_{st}(k)$: 325.039Expected Sampling variance of k (no recombination), $V_s(k)$: 24.366Expected Total variance of k (free recombination), $V(k)$: 14.938Expected C.V. of k (free recombination): 0.0924Expected Stochastic variance of k (free recombination), $V_{st}(k)$: 13.942Expected Sampling variance of k (free recombination), $V_s(k)$: 0.996

Parameters Estimation by letting Theta Final as infinite

Estimate of Theta Initial: 67.827

Estimate of Tau: 0.000

==== Expected Values for Constant Population Size =====