Table S2 Potential scale reduction factor (PSRF) mean, variance and range for each of 200 coalescence times in ARGweaver, the multivariate PSRF (Plummer *et al.* 2006) and the number of coalescence times for each the effective sample size (N_{eff}) is smaller than 100. Unless otherwise noted, mutation rate (μ) and recombination rate (ρ) are 2 × 10⁻⁸ and sample sizes (n) are 8 haplotypes.

PSRF	$\mu = \rho$	$\rho = 2 \times 10^{-9}$	$\mu = 2 \times 10^{-7}$	n=4	n=16	n=32
Mean	1.055	1.069	1.211	1.028	1.242	244.152
Variance	0.005	0.010	1.053	0.001	0.233	11613699
Range	0.994 -	0.994 -	0.994 -	0.991 -	1.001 -	0.994 -
	1.415	1.709	13.740	1.199	4.847	4.783×10^4
Multivariate	4.92	4.29	21.2	2.78	24.9	110560
Number of						
$N_{eff} < 100$	4	16	14	0	32	45
(out of 200)						