



Figure S7: Illustration of a structured population with two subpopulations, under the F model. Φ_A denotes the allele frequencies of a common ancestral population of the two subpopulations. Φ_1 and Φ_2 are allele frequencies of the two subpopulations. The F parameter and the inbreeding coefficient for subpopulation j are F_j and ρ_j , respectively ($j = 1, 2$). In the pooled genotype data of N individuals, c_1 is the proportion sampled from subpopulation 1, producing genotype data G_1 , $c_2 = 1 - c_1$ is the proportion sampled from subpopulation 2, producing genotype data G_2 .