



Figure S1: *Variance of the admixture coefficient as a function of the percentage of SNPs used for ancestry analysis.* Admixture coefficients were estimated using iAdmix for the simulated pool with 19 GBR (European) individuals and 1 CHS (East Asian) individual. For each percentage value on the x-axis (5%, 10%, 20%, 30% and 40%), a set of SNPs was constructed by randomly sampling the corresponding percentage of SNPs from the set of all sites with non-zero read depth. This procedure was repeated 50 times for each percentage value. The y-axis is the admixture coefficient for the East Asian ancestry.