



Figure S1. Comparisons of observed F_{ST} to theoretical (eq. 20) and null values of F_{ST}^+ , for both random SNP sets and SNP windows. (A) Observed F_{ST} and theoretical F_{ST}^+ for random SNP sets. (B) Observed F_{ST} and null F_{ST}^+ for random SNP sets. (C) Observed F_{ST} and theoretical F_{ST}^+ for SNP windows. (D) Observed F_{ST} and null F_{ST}^+ for SNP windows. Each plot contains hexagonal bins of 290,000 data points: 10,000 SNP sets and 29 choices for the number of SNPs. Data presented here use Europe and East Asia as the two regions. The dashed line is the $F_{ST} = F_{ST}^+$ line and indicates a perfect agreement between theoretical (or null) values and observed values.