



Supplementary Figure 4. Imputation performance evaluation. a, Imputation accuracy assessment using five different reference panels. The pseudo-GWAS panel of 106 Northeast Asian individuals was used for imputation. The x-axis represents MAF of 2,093 Northeast Asian individuals from NARD and 1KGP3. The y-axis represents the aggregated R^2 values of SNPs which were calculated by the true genotypes and the imputed dosages. Only SNPs that were imputed across all panels were used for the aggregation of R^2 values. **b**, Number of imputed SNPs as a function of the estimated imputation accuracy and the types of imputation panel. This result was generated based on the R^2 values that were estimated by Minimac3.