

Supplemental Table S7. Accuracy statistics for imputation of the European (EUR) specific variant genotypes from The GTEx Project using the 1000 Genomes panel as the reference. MAF range and mean/median/standard deviation (S.D) of genotype R2 are shown in the columns.

POPULATION	PROTOCOL	MAF	MEAN R2	MEDIAN	S.D.
EUR	Central	[0,0.001]	0.233977	0	0.365026
EUR	Unphased (No augment)	[0,0.001]	0.231299	0	0.351894
EUR	Unphased (Augmented)	[0,0.001]	0.23668	0	0.355497
EUR	Phased (Augmented)	[0,0.001]	0.224642	0	0.349988
EUR	Phased (No augment)	[0,0.001]	0.208846	0	0.340202
EUR	RESHAPE	[0,0.001]	0.175822	0	0.328508
EUR	Central	(0.001,0.01]	0.518349	0.5328	0.327908
EUR	Unphased (No augment)	(0.001,0.01]	0.492084	0.4984	0.310577
EUR	Unphased (Augmented)	(0.001,0.01]	0.505911	0.4992	0.312725
EUR	Phased (Augmented)	(0.001,0.01]	0.508712	0.5091	0.310536
EUR	Phased (No augment)	(0.001,0.01]	0.47818	0.4932	0.311389
EUR	RESHAPE	(0.001,0.01]	0.461137	0.4596	0.340808
EUR	Central	(0.01,0.05]	0.783855	0.8857	0.245784
EUR	Unphased (No augment)	(0.01,0.05]	0.754869	0.84245	0.246456
EUR	Unphased (Augmented)	(0.01,0.05]	0.767866	0.856	0.243042
EUR	Phased (Augmented)	(0.01,0.05]	0.772962	0.8606	0.236635
EUR	Phased (No augment)	(0.01,0.05]	0.741658	0.8277	0.252627
EUR	RESHAPE	(0.01,0.05]	0.757369	0.8672	0.268998
EUR	Central	(0.05,1]	0.953983	0.9879	0.09657
EUR	Unphased (No augment)	(0.05,1]	0.914368	0.9592	0.122638
EUR	Unphased (Augmented)	(0.05,1]	0.936123	0.9748	0.106835
EUR	Phased (Augmented)	(0.05,1]	0.93726	0.975	0.10596
EUR	Phased (No augment)	(0.05,1]	0.908815	0.9567	0.12867
EUR	RESHAPE	(0.05,1]	0.948163	0.9867	0.107716