

Supplemental Table S3. Accuracy statistics for imputation of the African (AFR) specific variant genotypes from The 1000 Genomes Project using HRC 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.
AFR	Central	[0,0.001]	0.324562	0.1826	0.351192
AFR	Unphased (No augment)	[0,0.001]	0.246494	0.0377	0.311815
AFR	Unphased (Augmented)	[0,0.001]	0.253415	0.0355	0.318106
AFR	Phased (Augmented)	[0,0.001]	0.242126	0.0381	0.306552
AFR	Phased (No augment)	[0,0.001]	0.225782	0.016	0.297176
AFR	RESHAPE	[0,0.001]	0.266798	0.0899	0.316434
AFR	Central	(0.001,0.01]	0.760558	0.8336	0.226148
AFR	Unphased (No augment)	(0.001,0.01]	0.685409	0.7489	0.249204
AFR	Unphased (Augmented)	(0.001,0.01]	0.706106	0.77245	0.246447
AFR	Phased (Augmented)	(0.001,0.01]	0.690261	0.7556	0.246895
AFR	Phased (No augment)	(0.001,0.01]	0.653072	0.714	0.25654
AFR	RESHAPE	(0.001,0.01]	0.707773	0.7695	0.233938
AFR	Central	(0.01,0.05]	0.869665	0.9354	0.165407
AFR	Unphased (No augment)	(0.01,0.05]	0.822347	0.8965	0.193187
AFR	Unphased (Augmented)	(0.01,0.05]	0.841747	0.9134	0.18617
AFR	Phased (Augmented)	(0.01,0.05]	0.832918	0.9065	0.190767
AFR	Phased (No augment)	(0.01,0.05]	0.797071	0.8714	0.20852
AFR	RESHAPE	(0.01,0.05]	0.842118	0.9085	0.176676
AFR	Central	(0.05,1]	0.939685	0.9766	0.104134
AFR	Unphased (No augment)	(0.05,1]	0.893279	0.9349	0.125466
AFR	Unphased (Augmented)	(0.05,1]	0.916697	0.95655	0.116893
AFR	Phased (Augmented)	(0.05,1]	0.914119	0.9553	0.119802
AFR	Phased (No augment)	(0.05,1]	0.874965	0.9253	0.142205
AFR	RESHAPE	(0.05,1]	0.928403	0.9678	0.112234