

Additional file 2

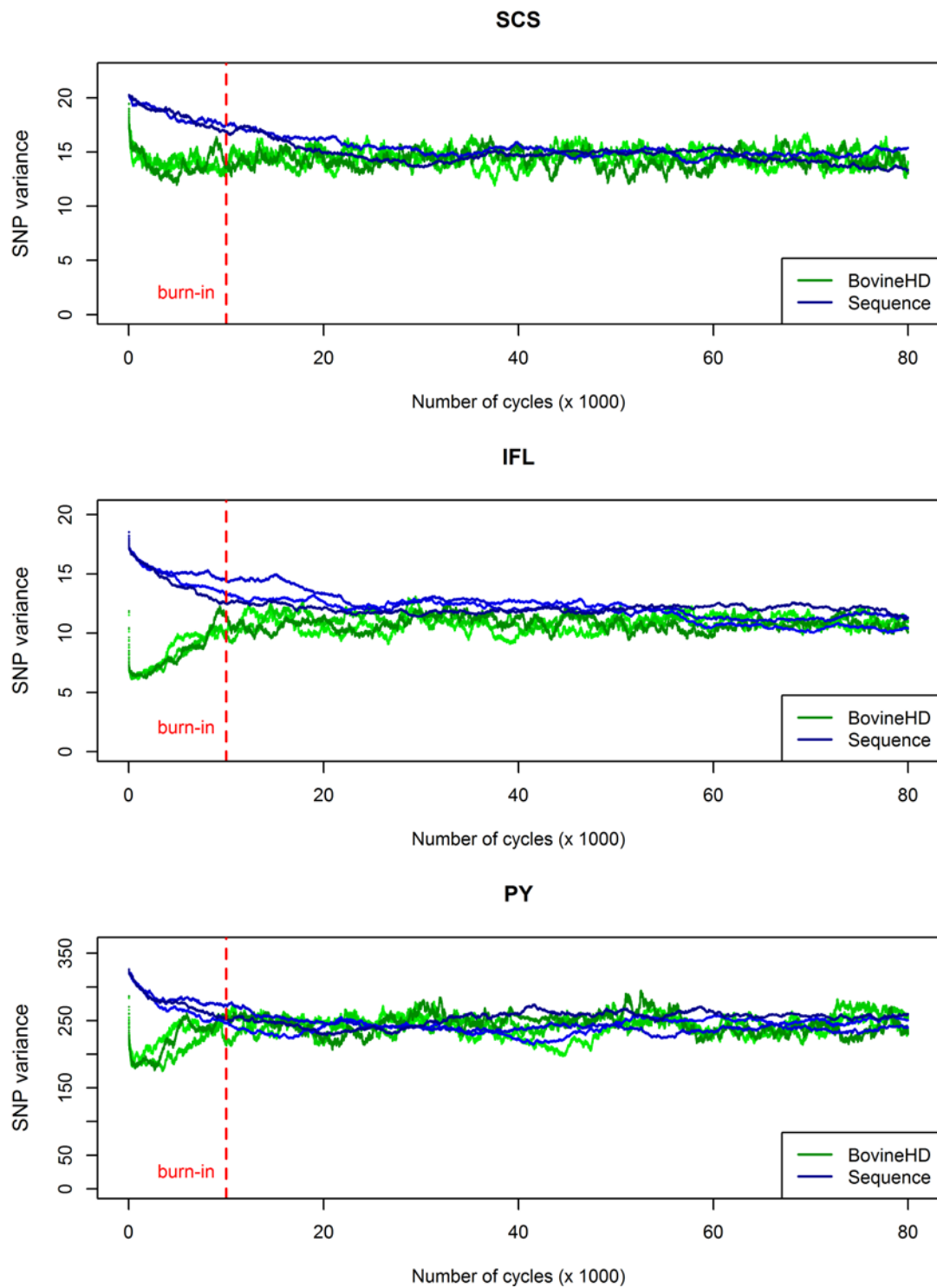


Figure S1 – SNP variance components across cycles for the BSSVS model

Values are shown for somatic cell score (SCS), interval between first and last insemination (IFL), and protein yield (PY) for the three replicates using BovineHD data and imputed sequence data.

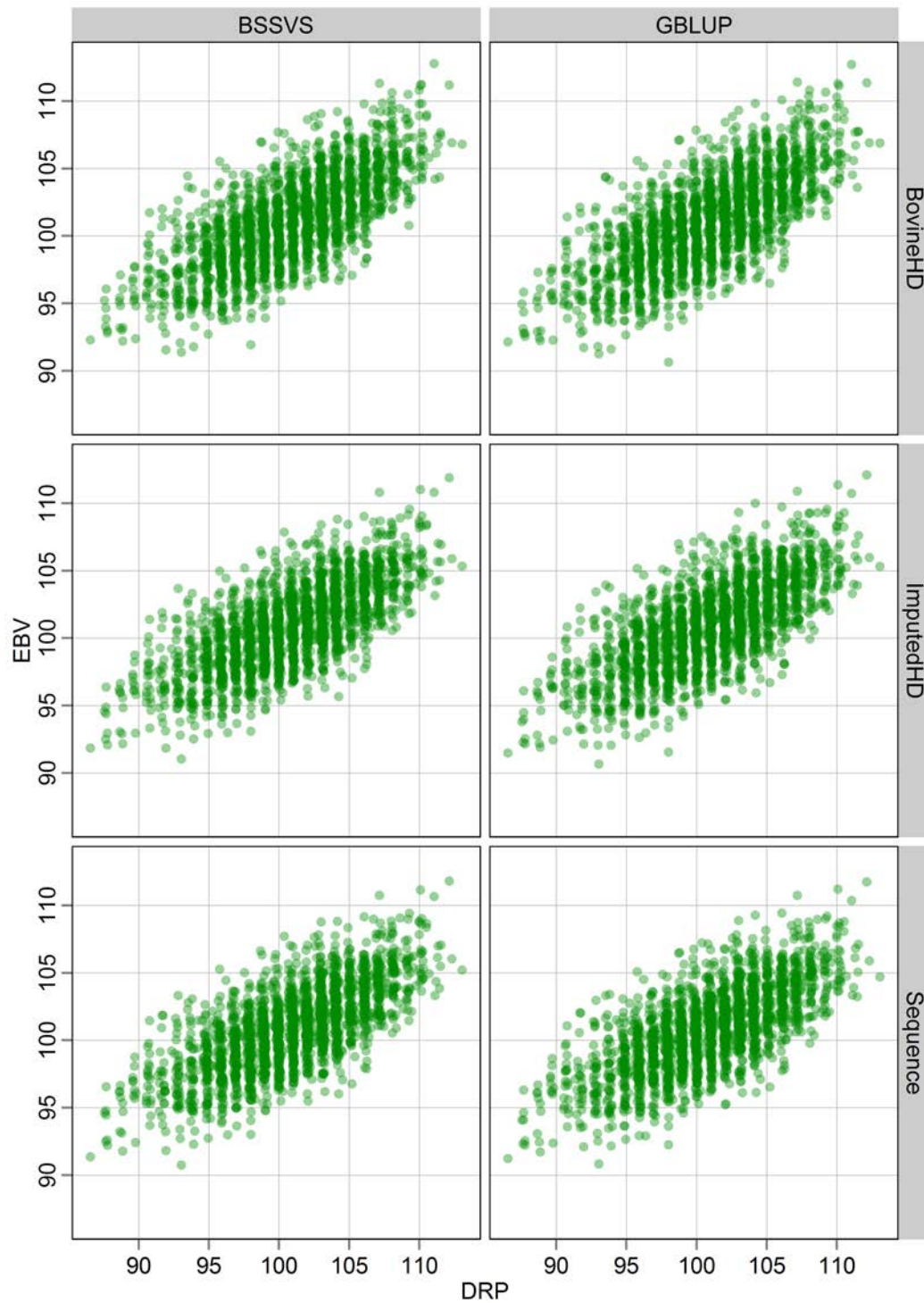


Figure S2 – Original versus predicted breeding values for somatic cell score
 Original de-regressed proofs (DRP) versus the estimated genomic breeding values (EBV) for the two methods (GBLUP and BSSVS) using the three types of data (BovineHD, ImputedHD, and imputed sequence) for the 2087 validation animals.

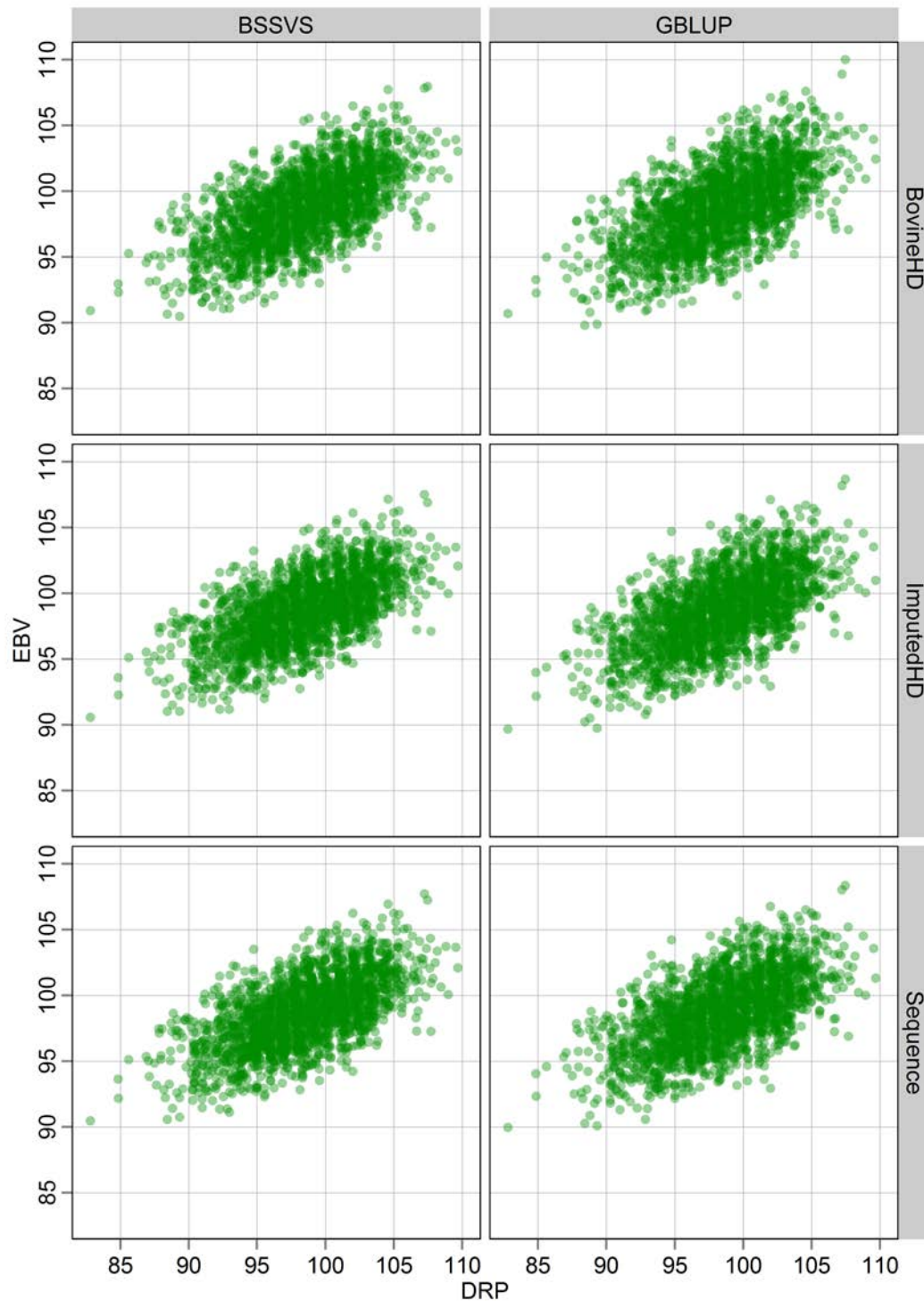


Figure S3 – Original versus predicted breeding values for interval between first and last insemination

Original de-regressed proofs (DRP) versus the estimated genomic breeding values (EBV) for the two methods (GBLUP and BSSVS) using the three types of data (BovineHD, ImputedHD, and imputed sequence) for the 2087 validation animals.

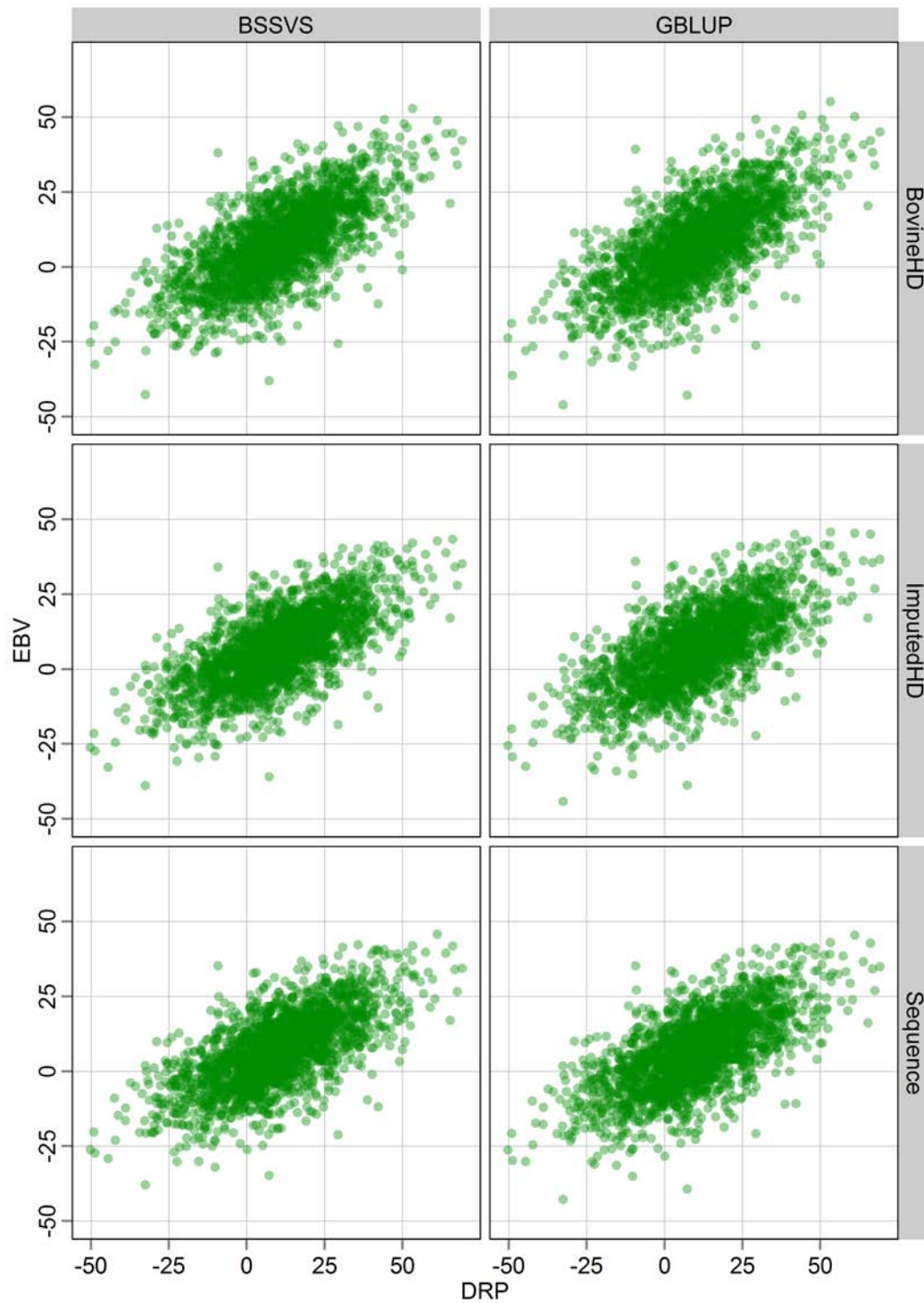


Figure S4 – Original versus predicted breeding values for protein yield

Original de-regressed proofs (DRP) versus the estimated genomic breeding values (EBV) for the two methods (GBLUP and BSSVS) using the three types of data (BovineHD, ImputedHD, and imputed sequence) for the 2087 validation animals.