Quality Control

# Parameters

|  |  |
| --- | --- |
| **Parameter** | **Plink2** |
| Autosomes only |  |
| SNPs only | --snps-only |
| Remove duplicates (force-first) | --rm-dup force-first |
| ukbb info score > 0.8 | --extract [IDs with info score > 0.8] |
| call rate > 0.95 (missingness) | --geno 0.05 --mind 0.05 |
| alternate frequency (MAF) > 0.001 && < 0.999 | --maf 0.001 --max-maf 0.999 |
| HWE > 1e-10 | --hwe 1e-10 |

Info score obtained from ukb [resource 1967](https://biobank.ndph.ox.ac.uk/ukb/refer.cgi?id=1967).



# Log

### 6/1/2021

* Additional QC to remove duplicates and make it SNPs only