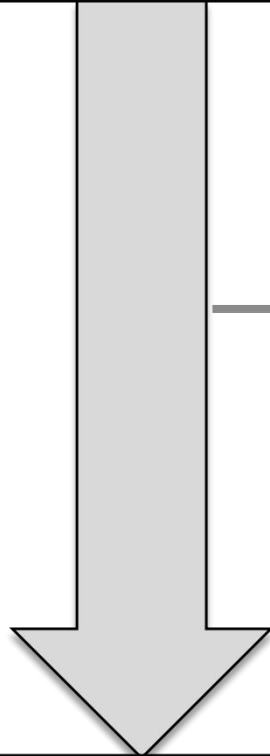


**482,666** participants were available with  
mCA data in the UK Biobank



- **358** participants with genotypic–phenotypic sex discordance
- **27,753** participants of non-European decent
- **3,957** participants with prevalent haematological cancer, liver cancer, cirrhosis or other liver diseases at baseline
- **1,953** participants with missing data on covariates

**448,645** participants were included in this  
research