

Discard all related
individuals (both in pairs)
(snp_plinkKINGQC)

Possibly subsetting
overdominant
populations

Compute PCA while removing
long-range LD regions
(bed_autoSVD)

If outliers,
remove them
and go back to
previous step

Sample outlier detection
(prob_dist)

Project all other individuals
(bed_projectSelfPCA)

