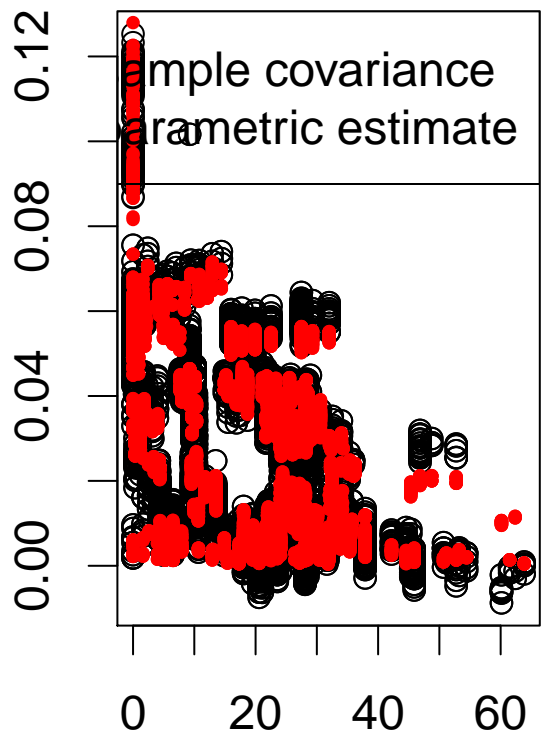
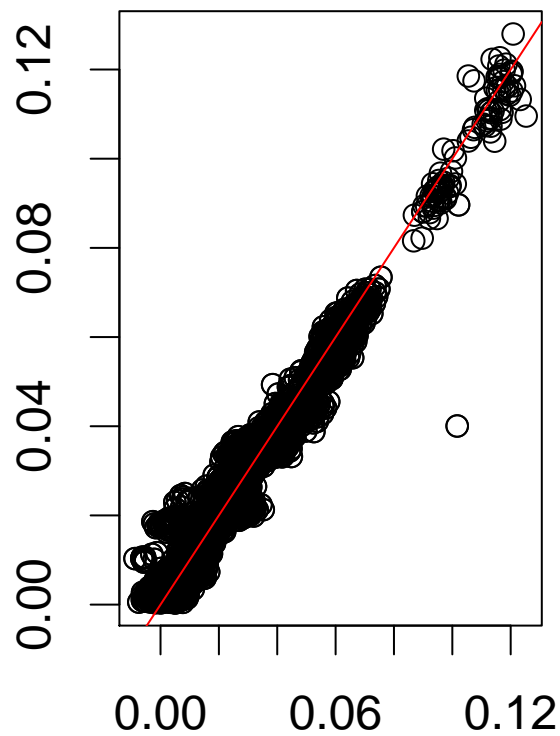


covariance



geographic distance

parametric admixed covariance



sample covariance