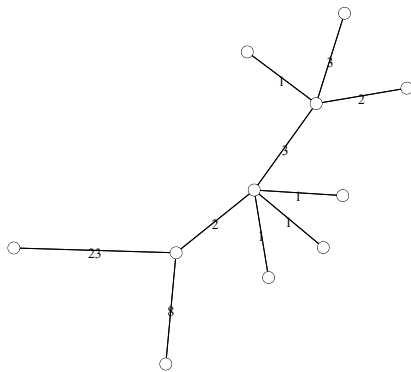


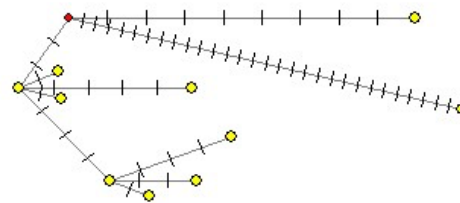
Since it takes extremely long time to run Haplotype Explorer on samples with large sizes, we did not include the visualization of Haplotype Explorer for samples in large sizes in this file ($N \geq 600$). For PopART, the visualization is not feasible with large sample sizes ($N \geq 1000$).

N = 10

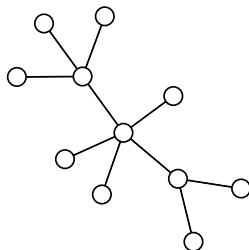
HapNetworkView



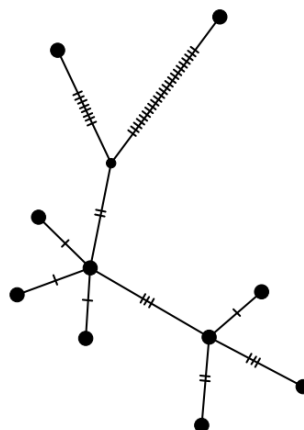
NETWORK



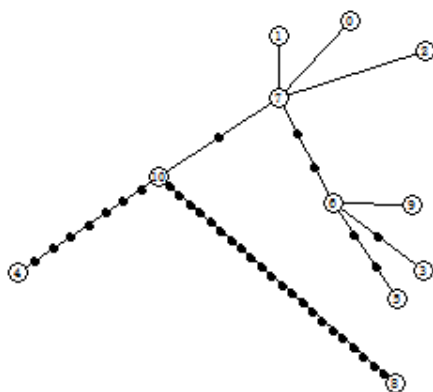
TcsBU



PopART



HapStar

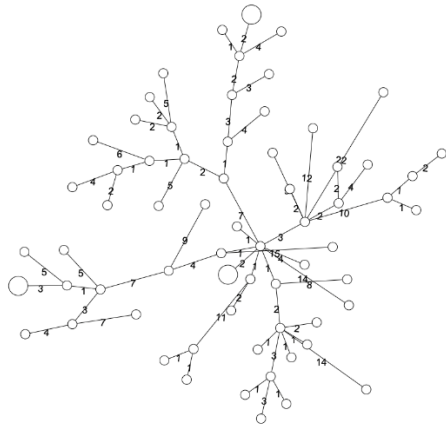


Haplotype Explorer

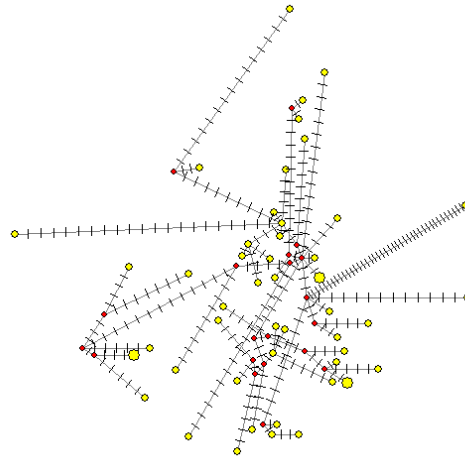


N = 50

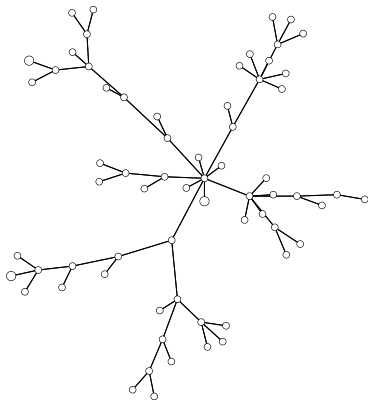
HapNetworkView



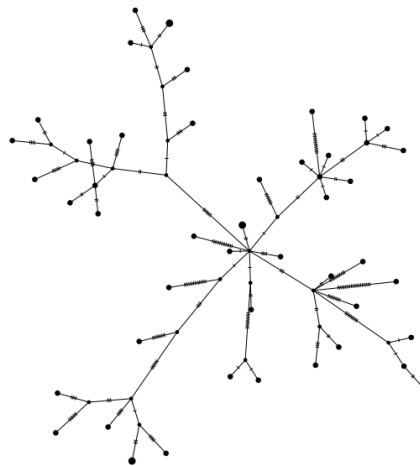
NETWORK



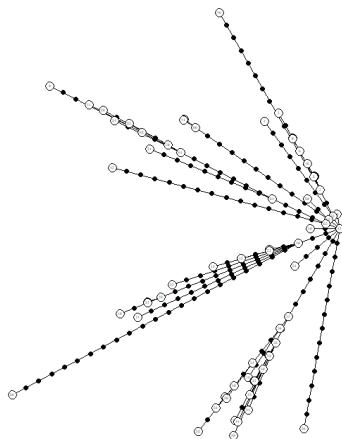
TcsBU



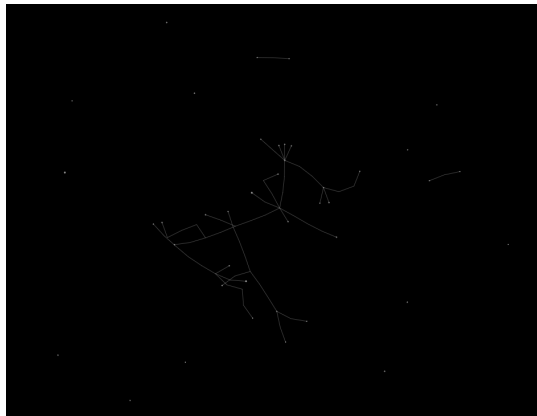
PopART



HapStar



Haplotype Explorer

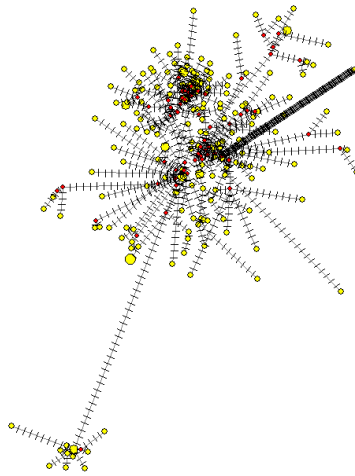


N = 200

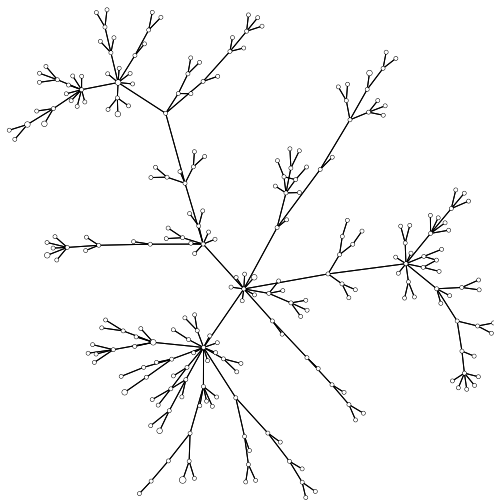
HapNetworkView



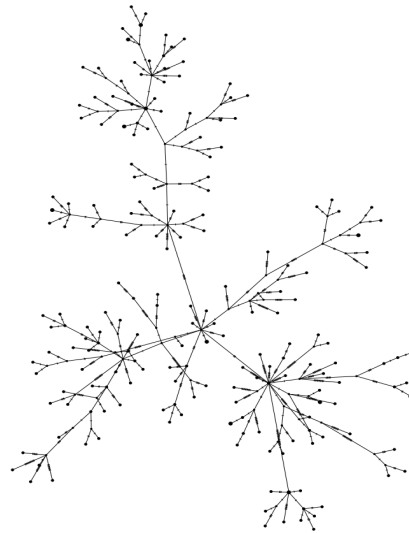
NETWORK



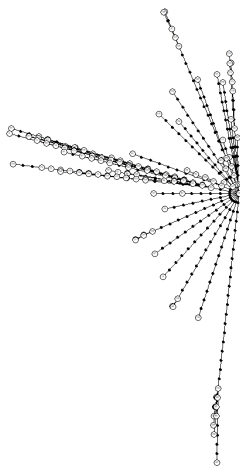
TcsBU



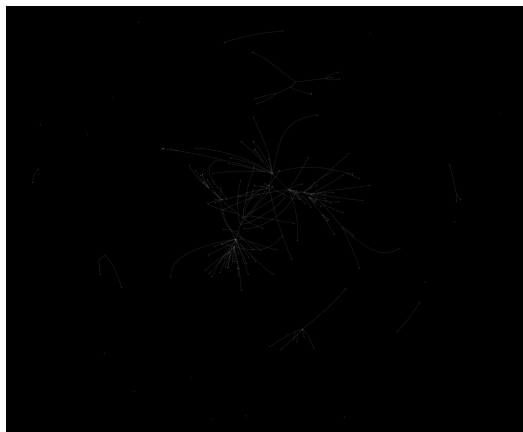
PopART



HapStar

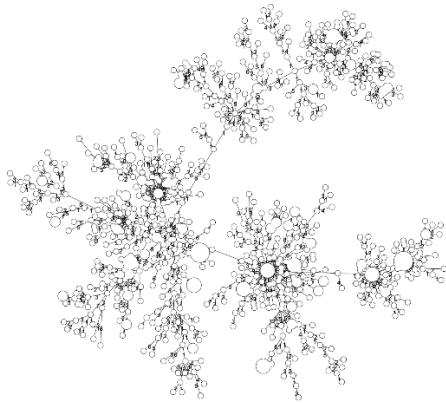


Haplotype Explorer

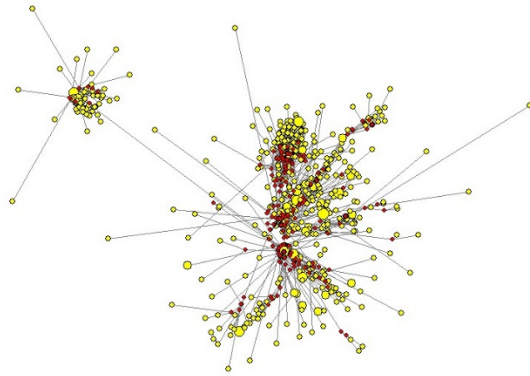


N = 600

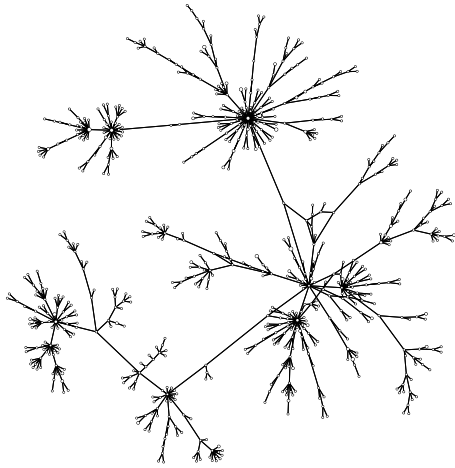
HapNetworkView



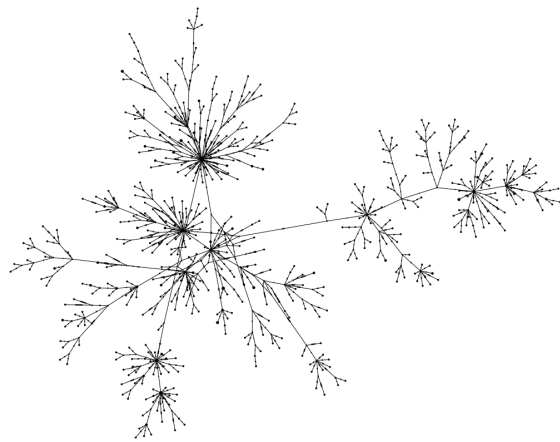
NETWORK



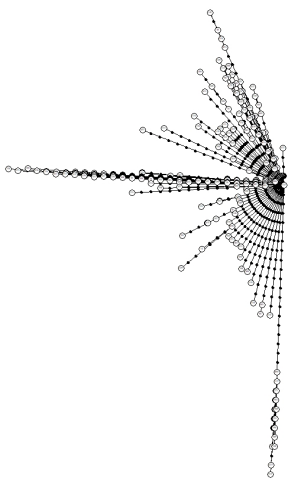
TcsBU



PopART

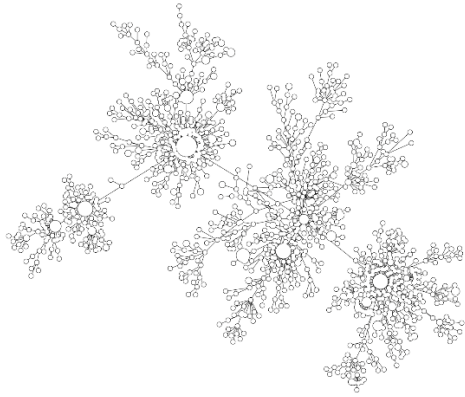


HapStar

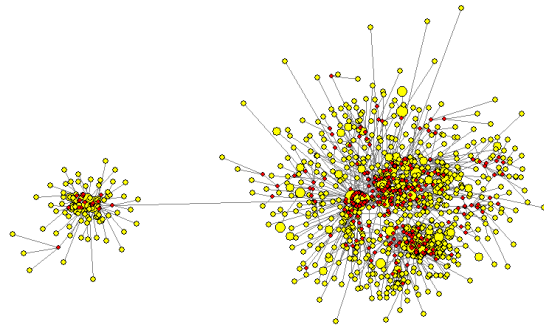


N = 1000

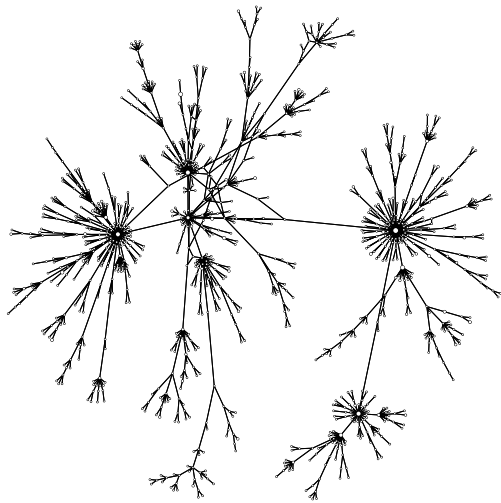
HapNetworkView



NETWORK

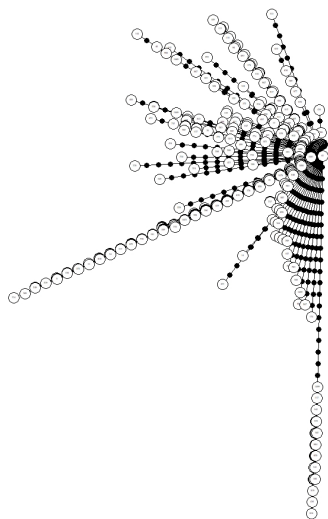


TcsBU



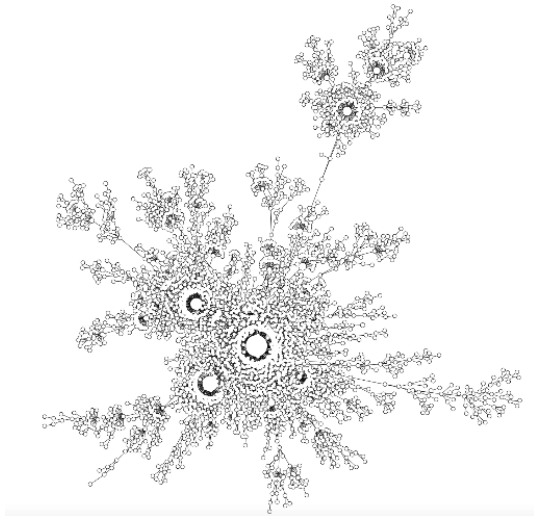
PopART (not available)

HapStar

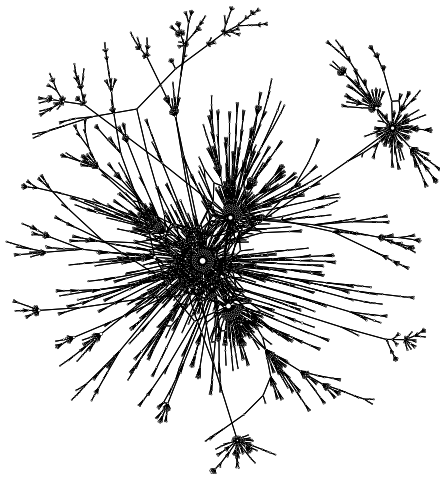


N = 3000

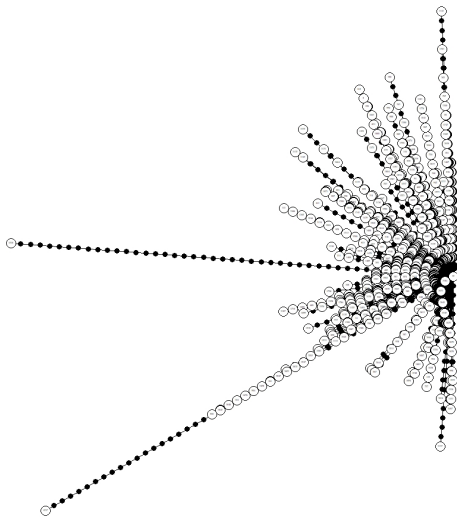
HapNetworkView



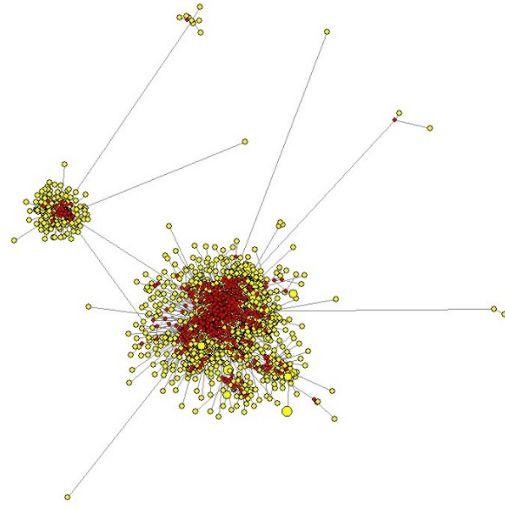
TcsBU



HapStar



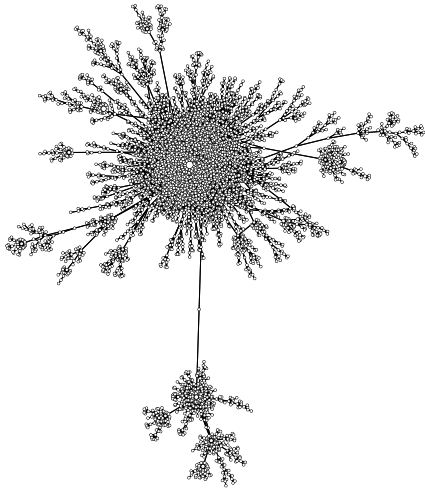
NETWORK



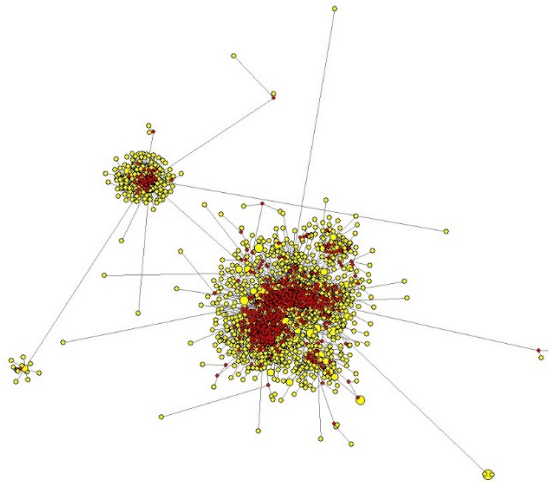
PopART (not available)

N = 5000

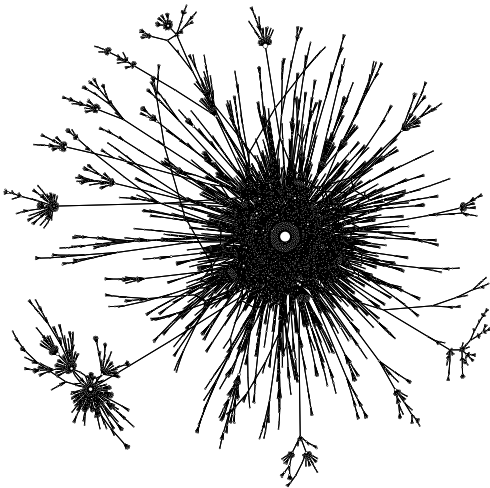
HapNetworkView



NETWORK



TcsBU



PopART (not available)

HapStar

