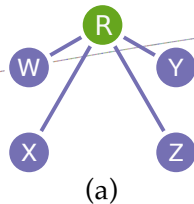


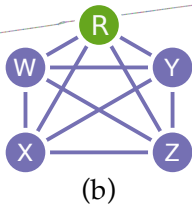
(h) Pangenome for Human Chromosome 20

Reference Model

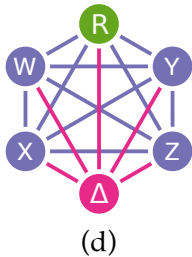
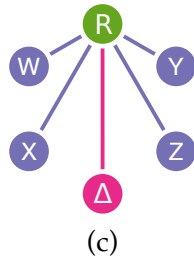
Genomic



Pangenomic



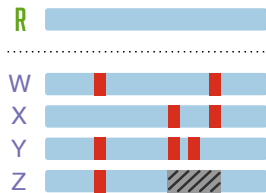
Extending the Model



q arm

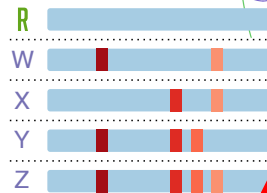
centromere

p arm



W,Y,Z X,Y Y W,X

Reference Allele
Alternative Allele
Unmapped Segment



Variants

