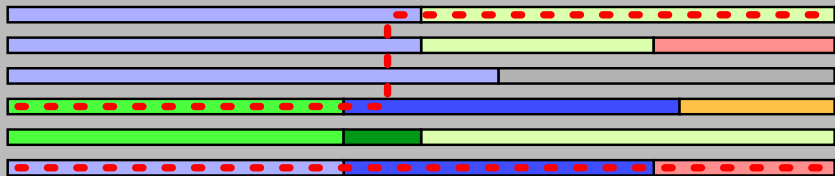


Statistical Phasing



Shapelt, ..., Beagle

Shapelt,
Hap-SeqX

Read-based phasing

synthetic long reads
(TruSeq, 10xGenomics, ...)

3rd-gen. sequencing
(PacBio, ONT, ...)

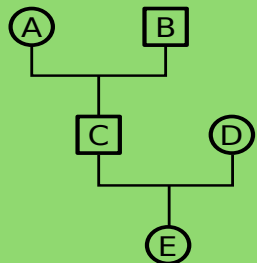
HapCut, ProbHap,

WhatsHap

(our previous approach)

Shapelt,
Beagle

Genetic Haplotyping



A:	0/1	1/1	0/1	0/0
B:	0/1	0/0	0/1	0/1
C:	1/1	0/1	0/1	0/0
D:	0/1	1/1	1/1	0/1
E:	0/1	0/1	0/1	0/0

Haploscribe, ..., Merlin

this talk