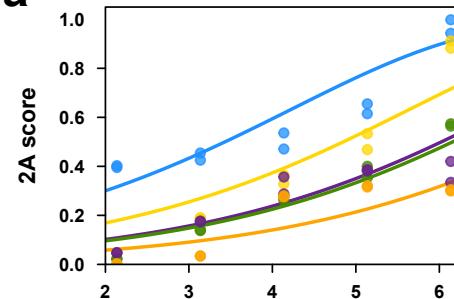
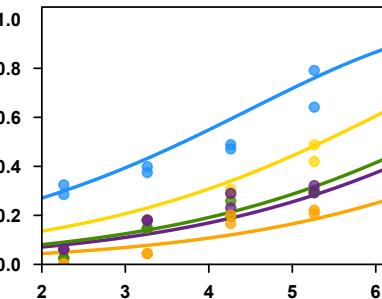
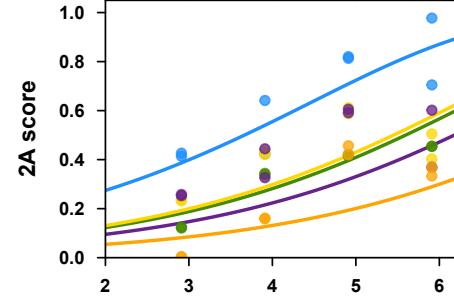
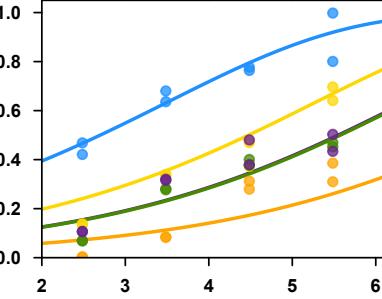
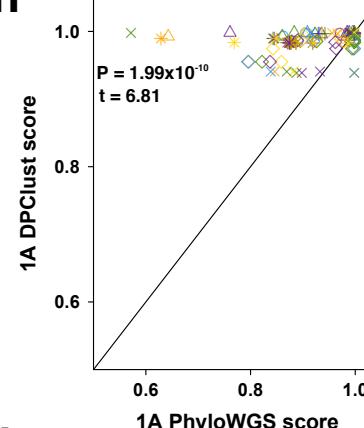
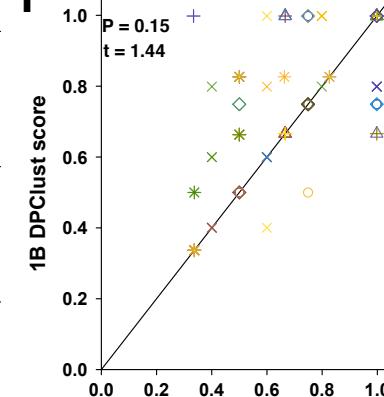
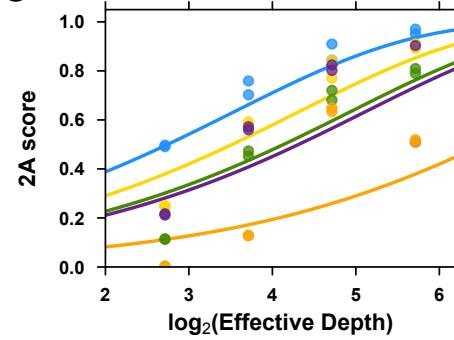
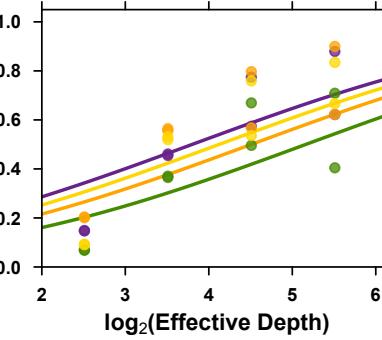
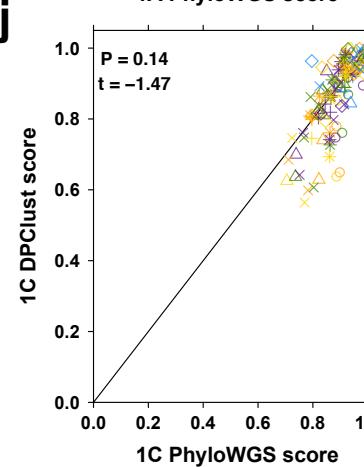
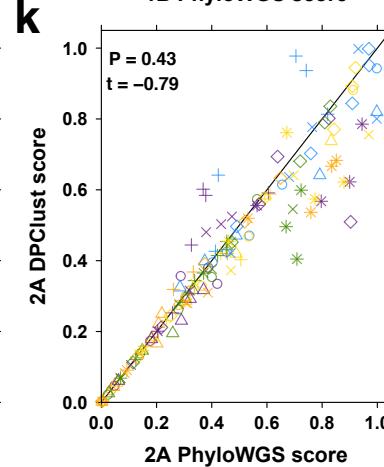


**a****b****g**

PhyloWGS	DPClust
Assigns CNAs to clusters	Does not assign CNAs to clusters
Estimates multiplicity of mutations during Markov chain Monte-Carlo (MCMC)	Uses most likely multiplicity of each mutation during MCMC
Reconstructs phylogenies during	Reconstructs phylogenies after MCMC
Estimates purity from SNVs and CNAs	Estimates purity from CNAs

**c****d****h****i****e****f****j****k**

### Variant callset

- Perfect      MuTect
- SomaticSniper      Strelka
- MutationSeq

**Tumour**

- T2
- △ T3
- + T4
- × T5
- ◊ T6
- \* PD4120

Supplementary Figure 5