

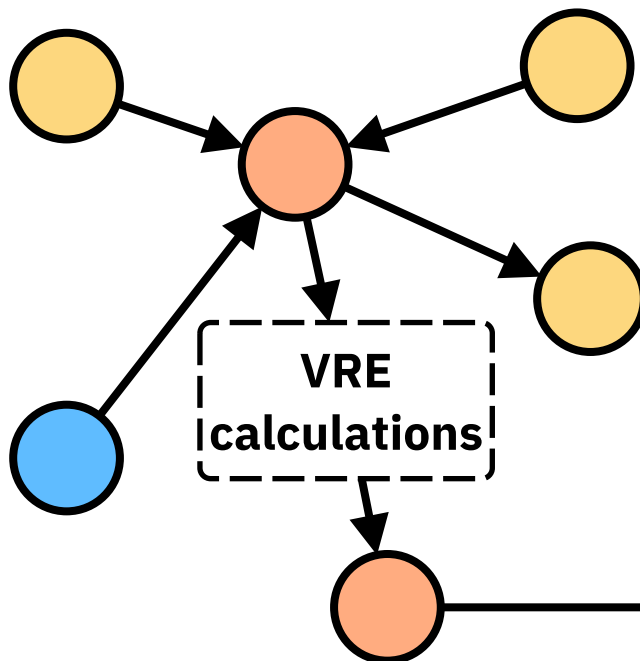
## Variant Risk Estimate (VRE)

**ClinVar variant  
classifications  
(6.8 M entries)**

**GnomAD  
Allele frequencies  
(N = 807,162)  
(800 M variants)**

**dbNSFP  
(122 M variant  
annotations)**

**PanelAppRex  
Gene-disease  
(58,592 entries)**



**IEI genetics  
Variant observation  
prior probabilities**