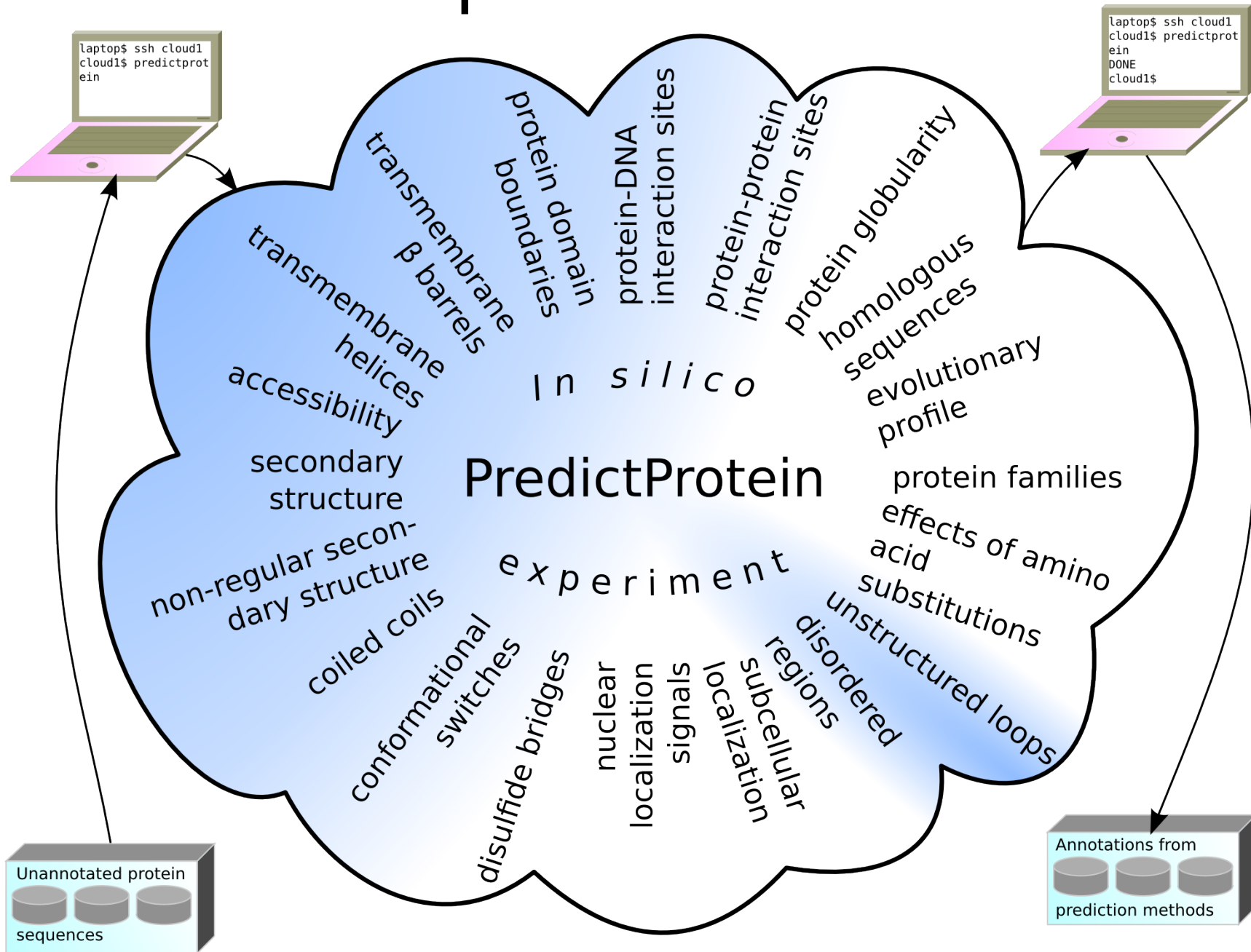
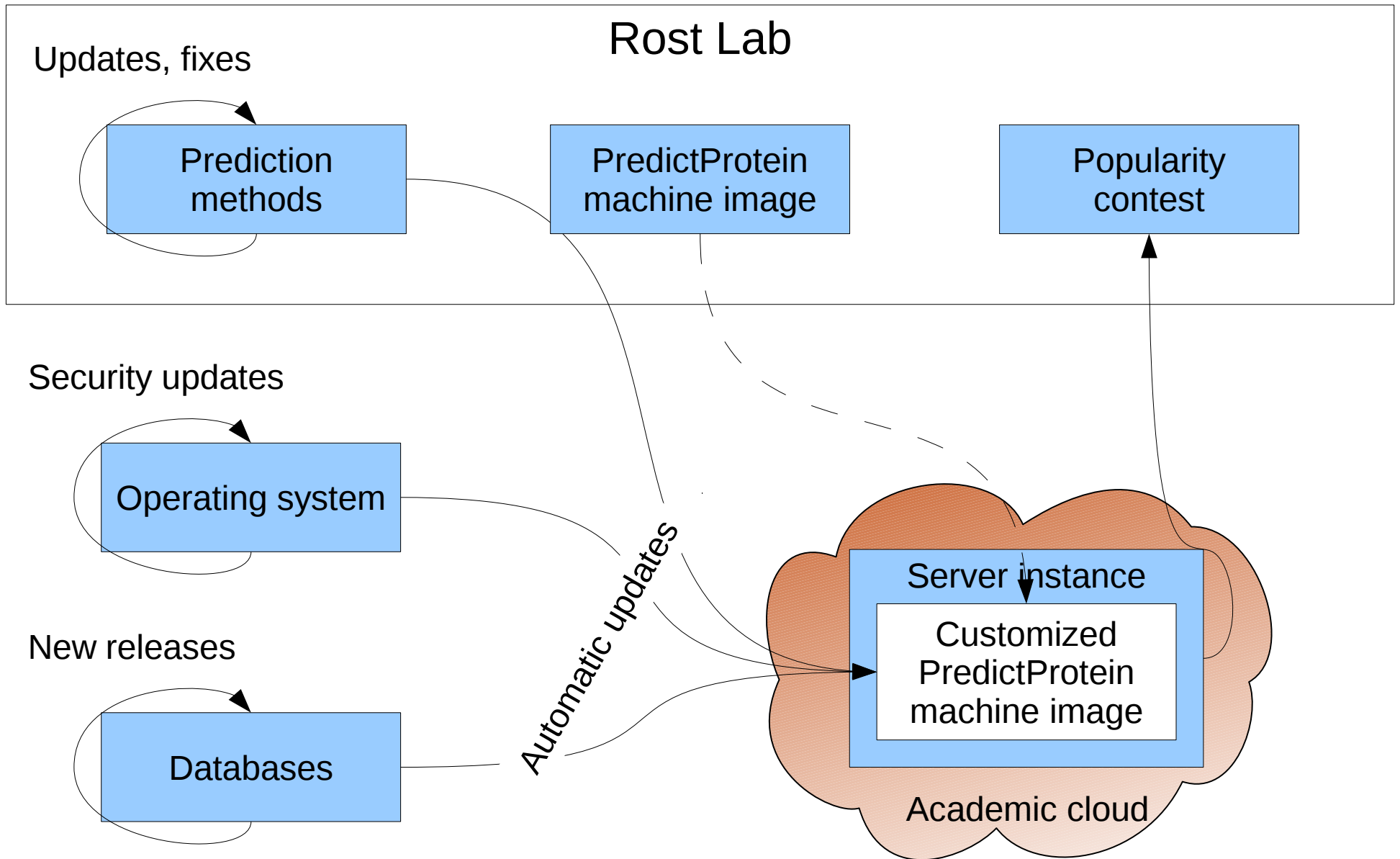


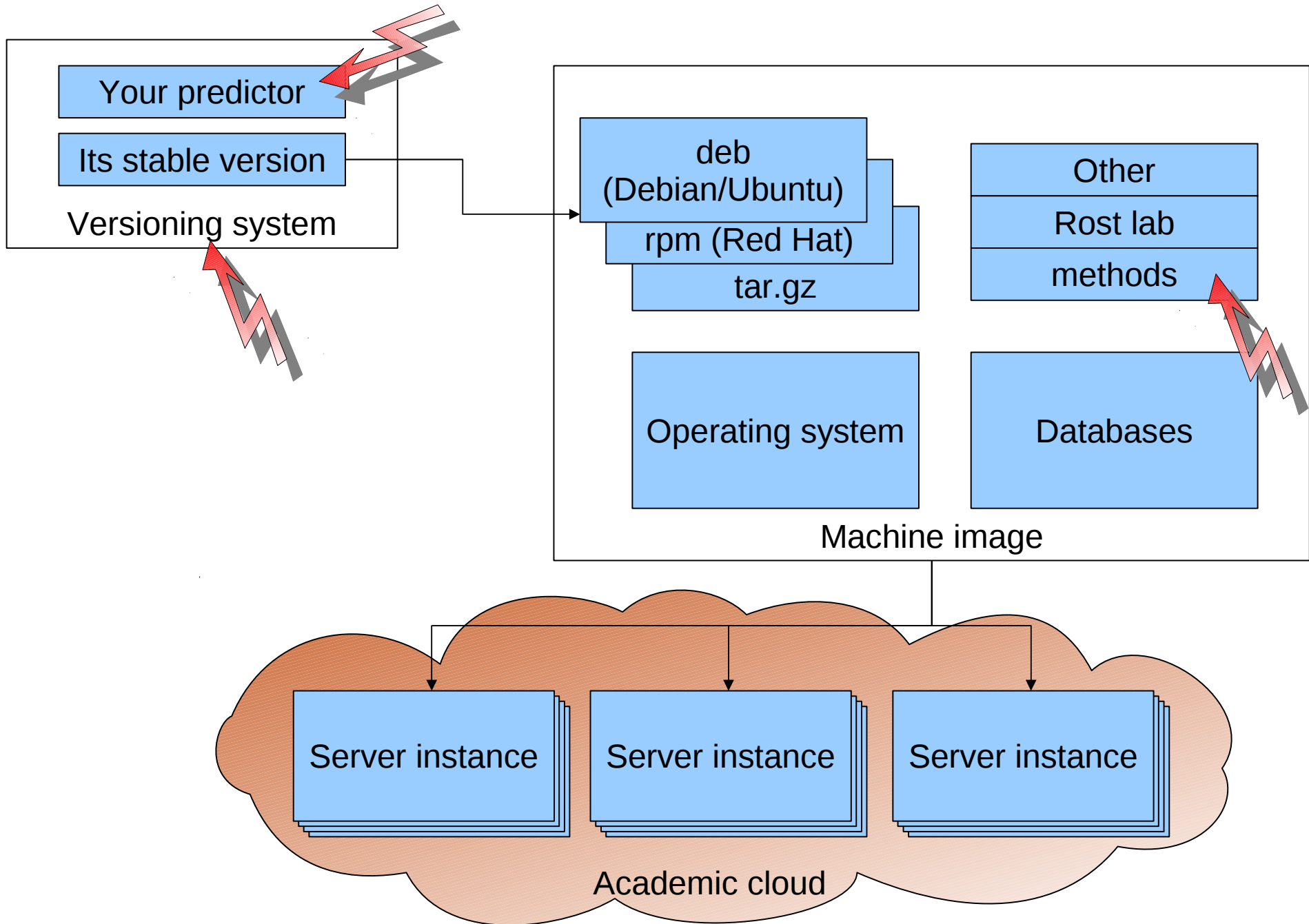
# PredictProtein in the cloud, the problems with



# Vision



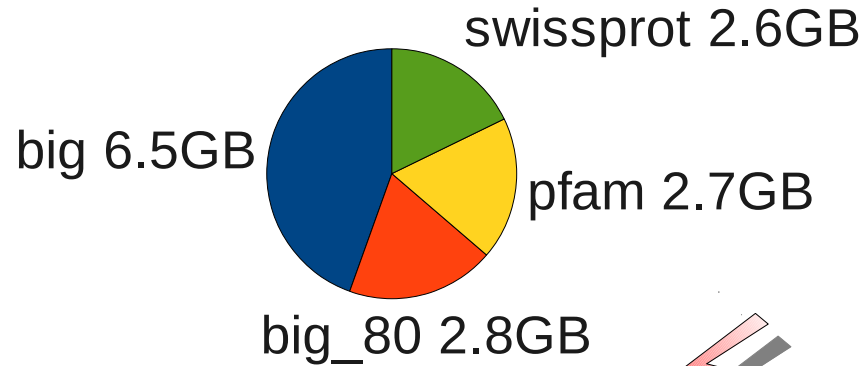
# From thesis to cloud



# Too much data to move around

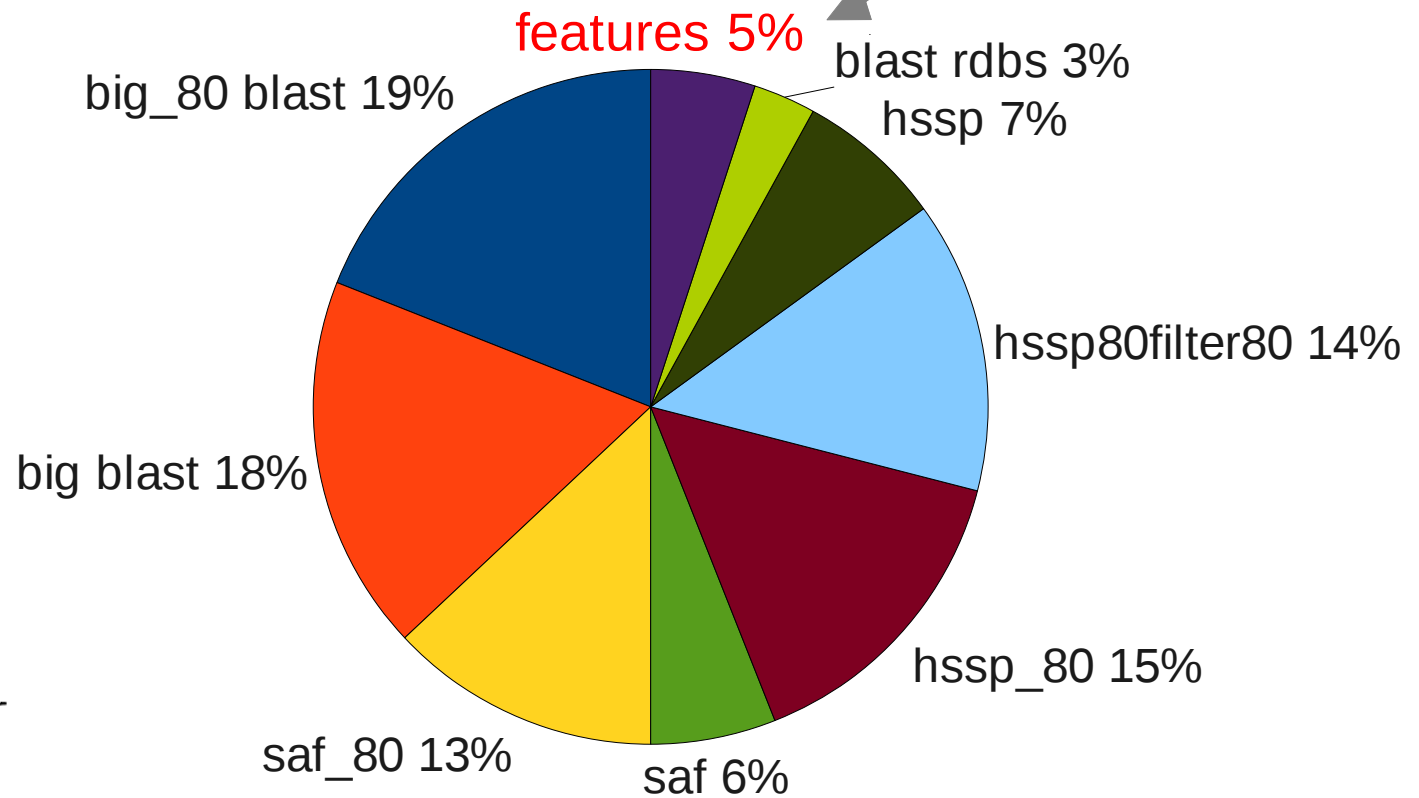
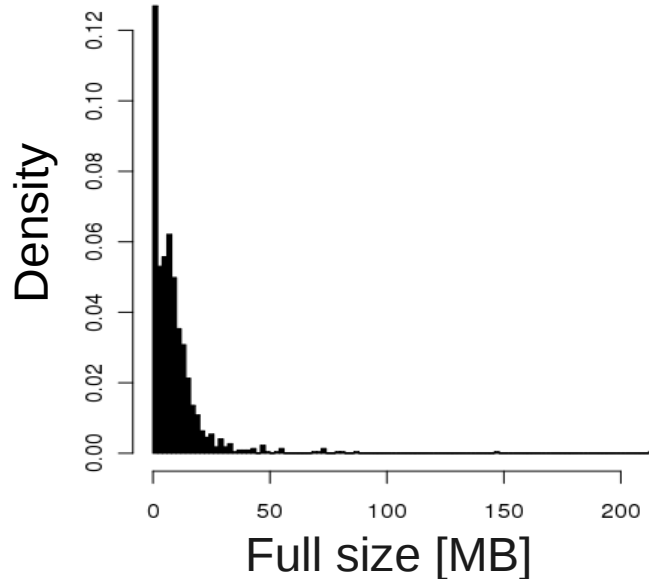
## Databases

15GB

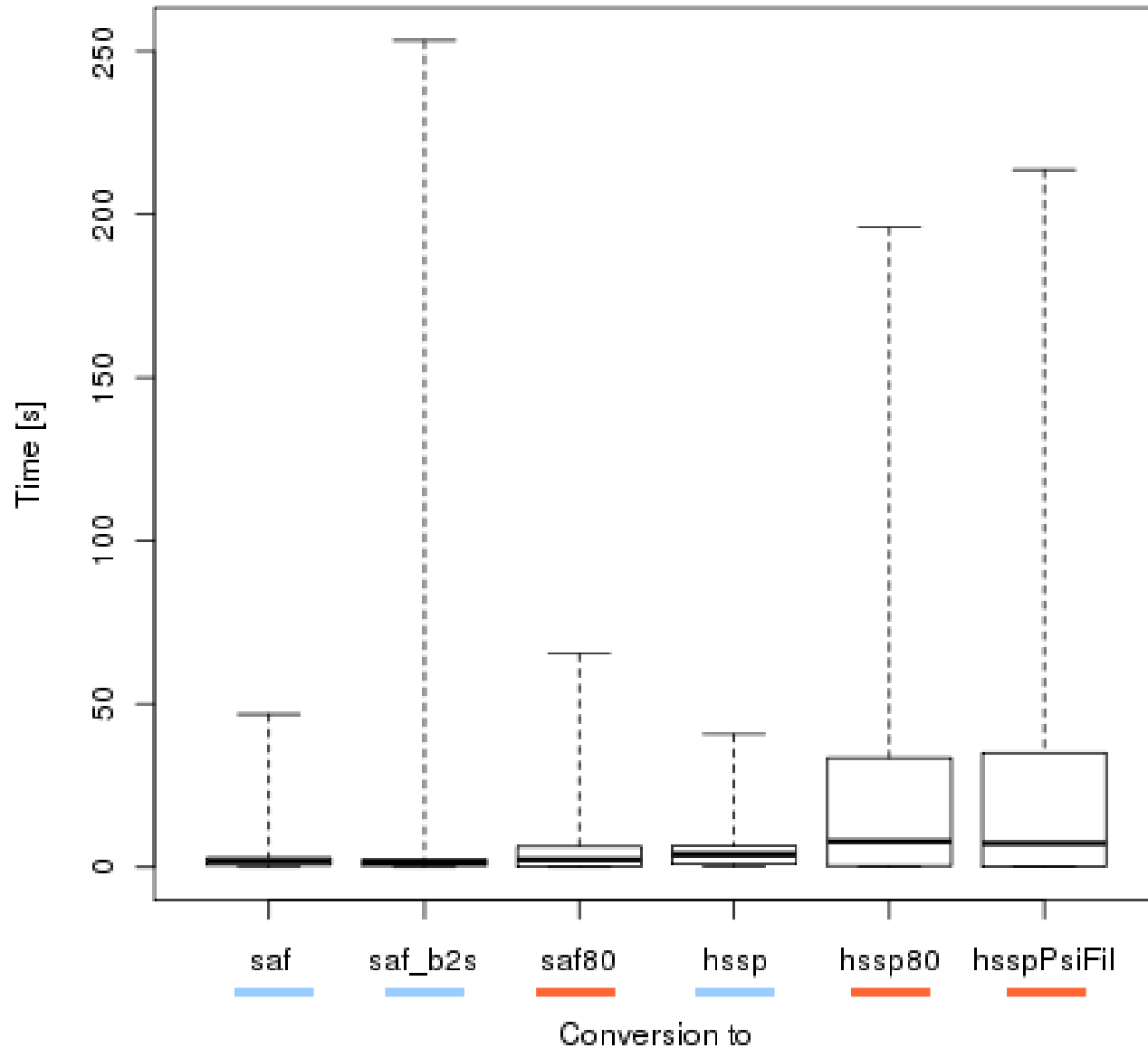


## Predictions

4.1M predictions on 32TB; one prediction 9.5M  $\pm$  12.5M on avg



# Time required by blast result conversion steps



# References

*PredictProtein*

Rost, B., Yachdav, G., and Liu, J. (2004). The PredictProtein server. *Nucleic Acids Res*, 32(Web Server issue), W321–6.

Kajan, L., Yachdav, G., and Rost, B. (2011). High-throughput protein analysis in the cloud. *Bioinformatics*, to be submitted