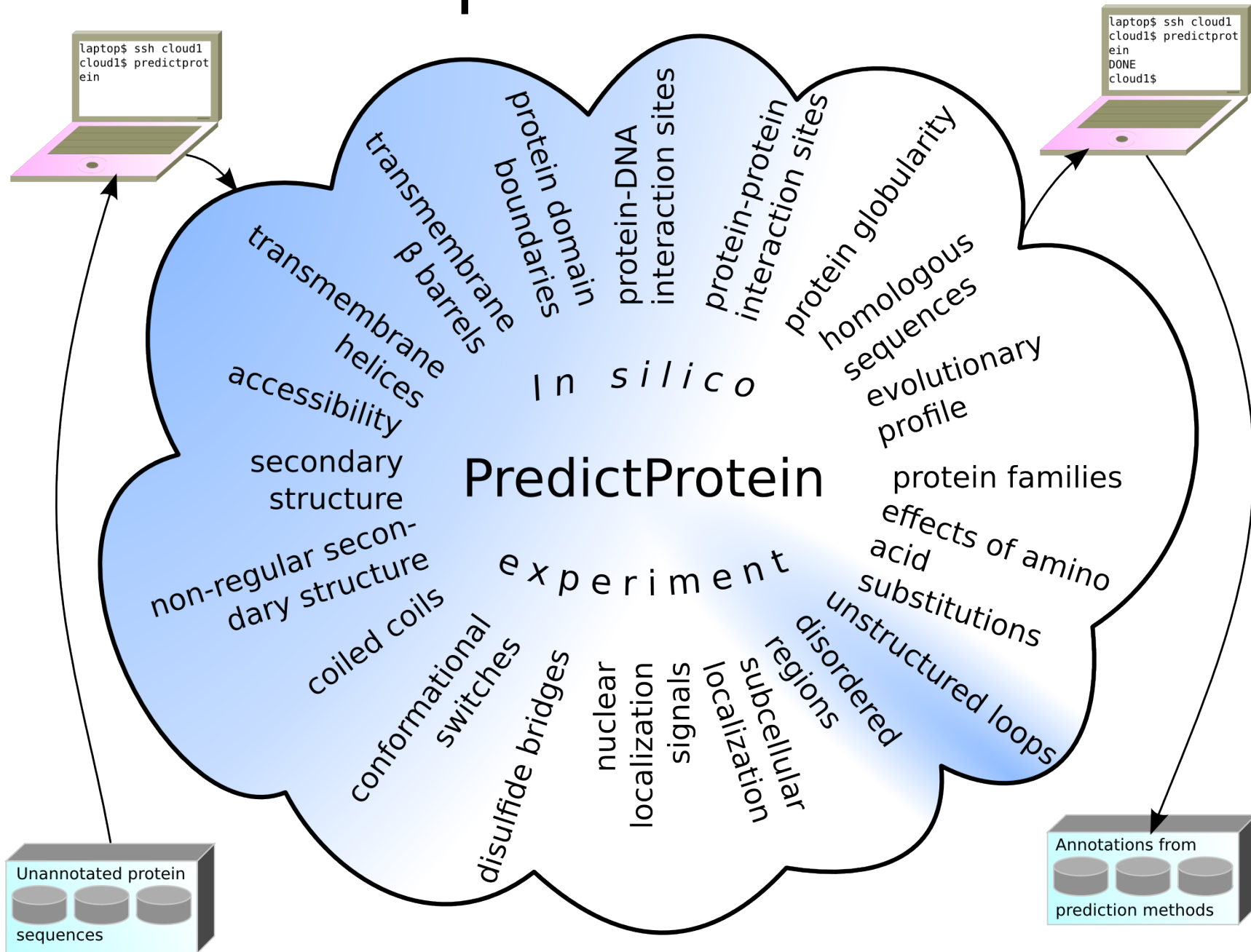
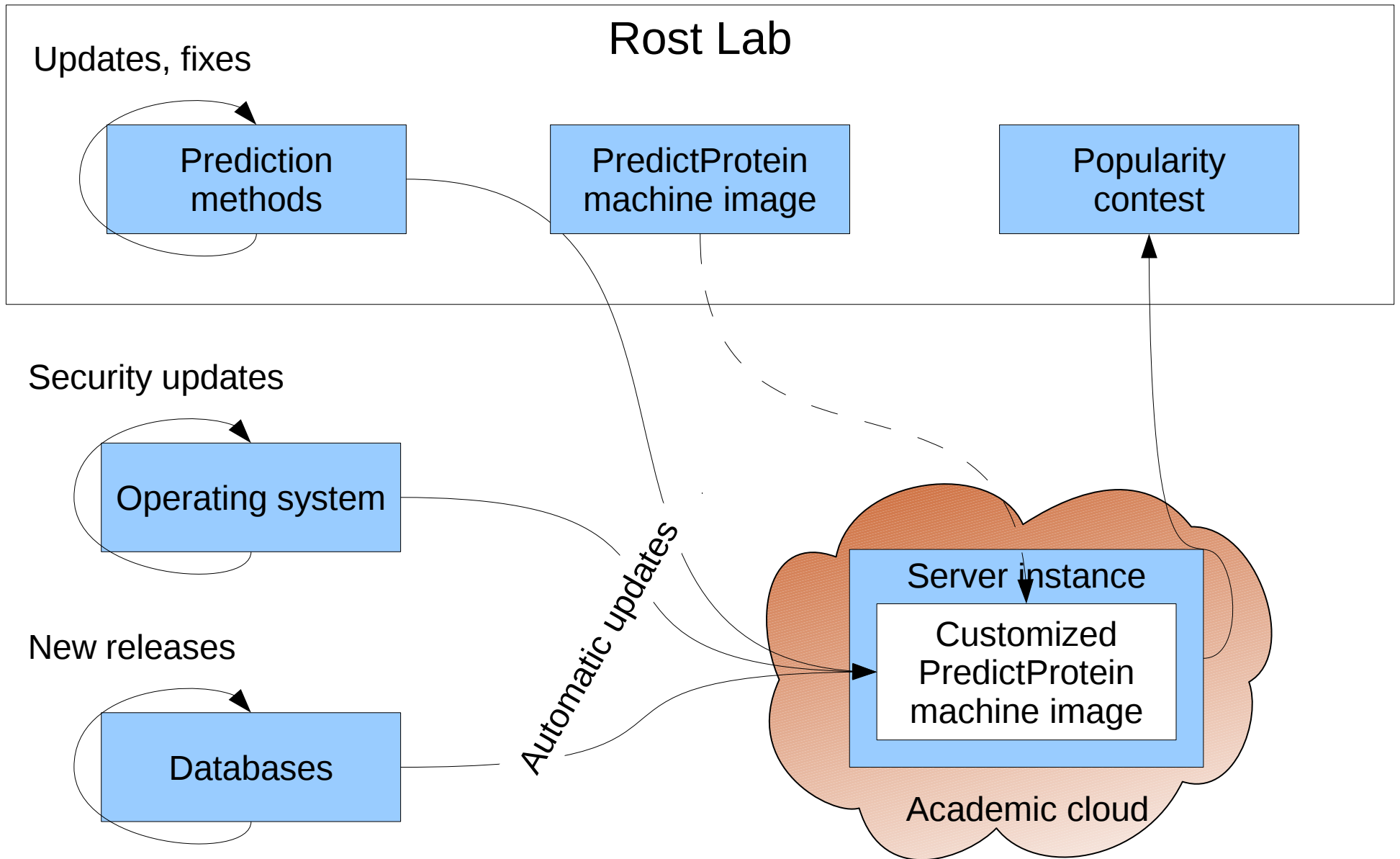


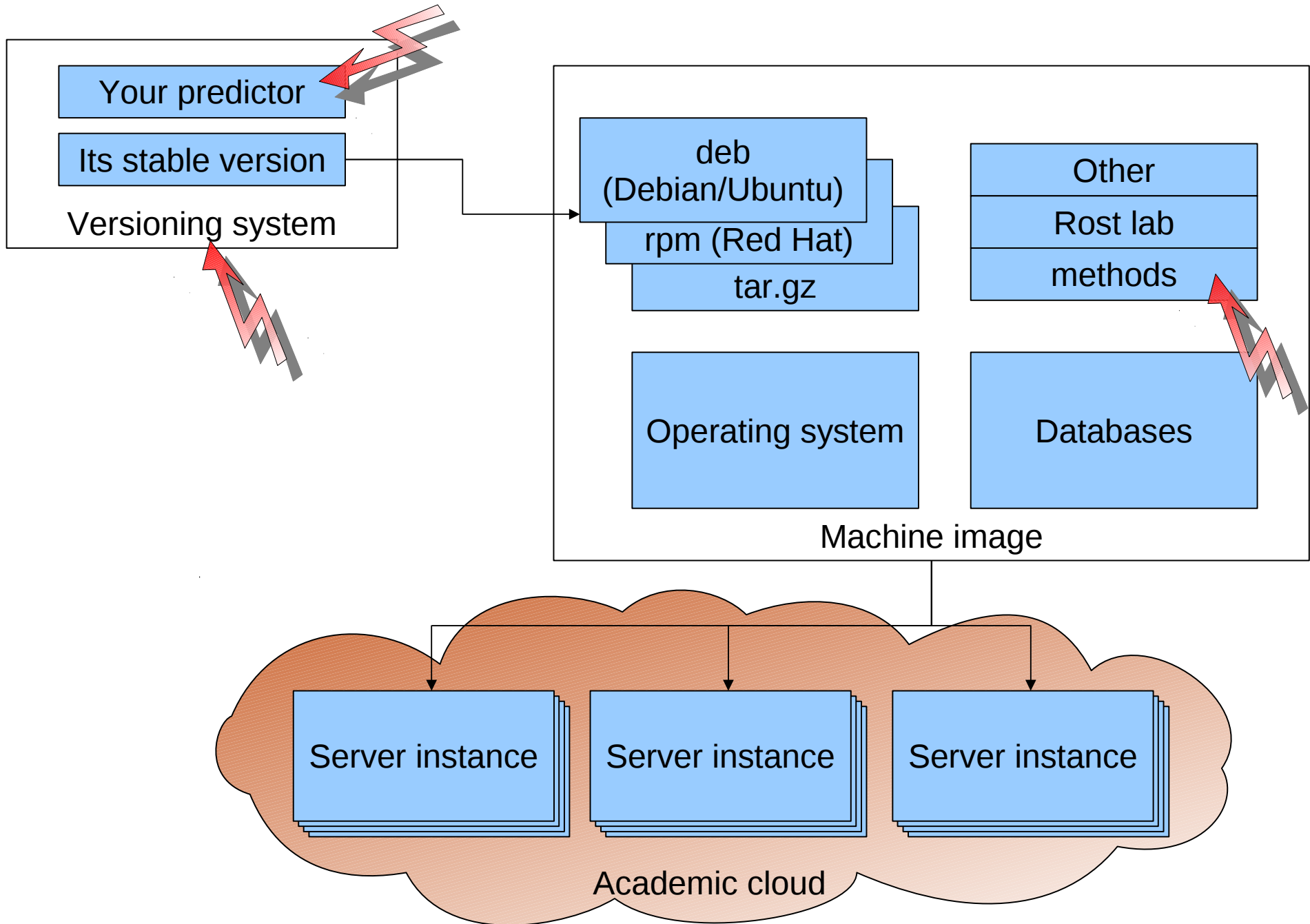
PredictProtein in the cloud, the problems with



Vision



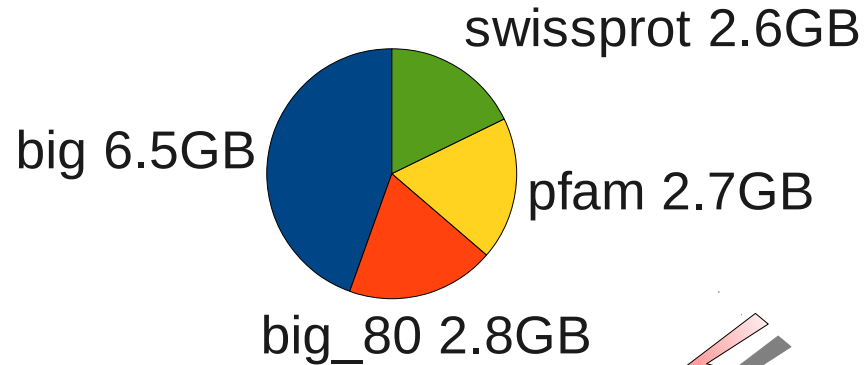
From thesis to cloud



Too much data to move around

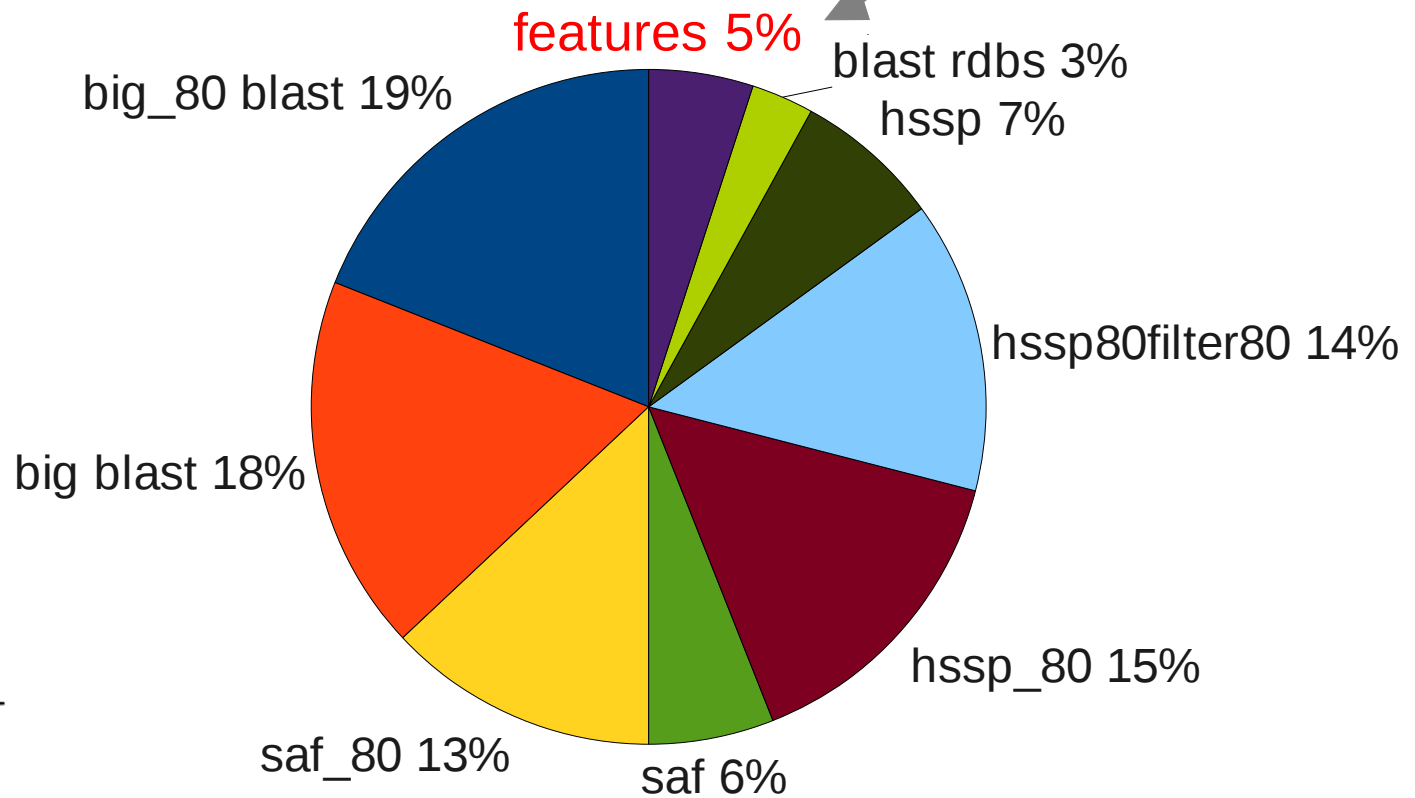
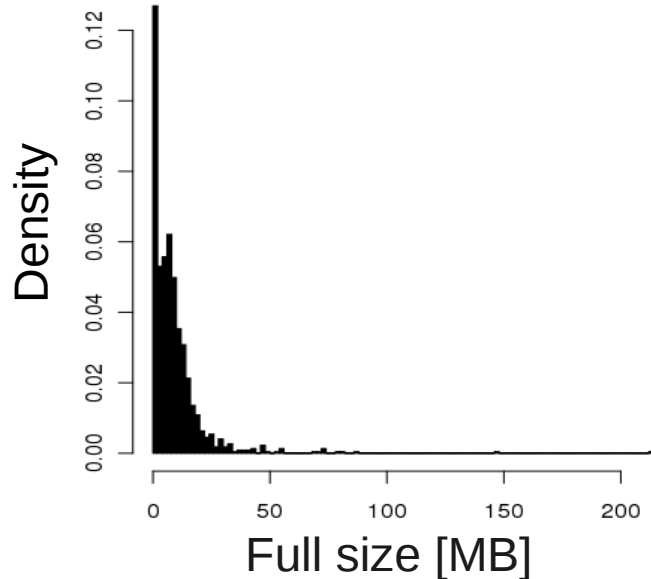
Databases

15GB

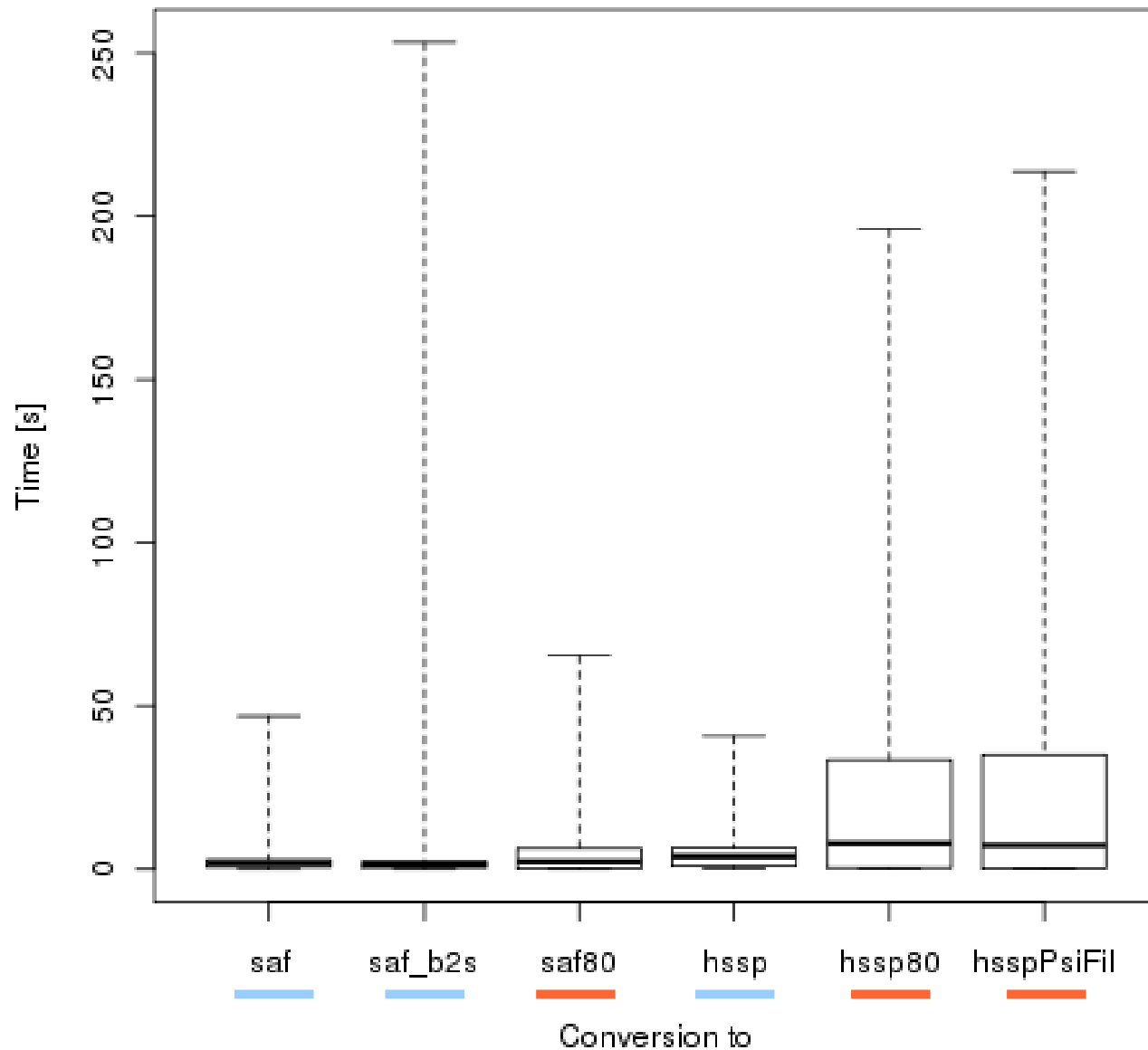


Predictions

4.1M predictions on 32TB; one prediction 9.5M ±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