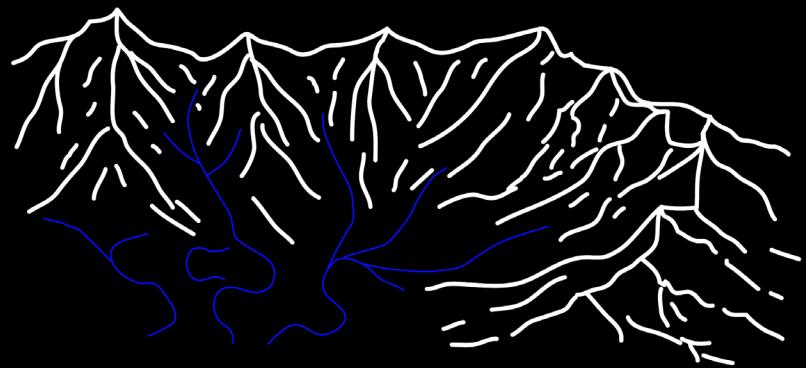
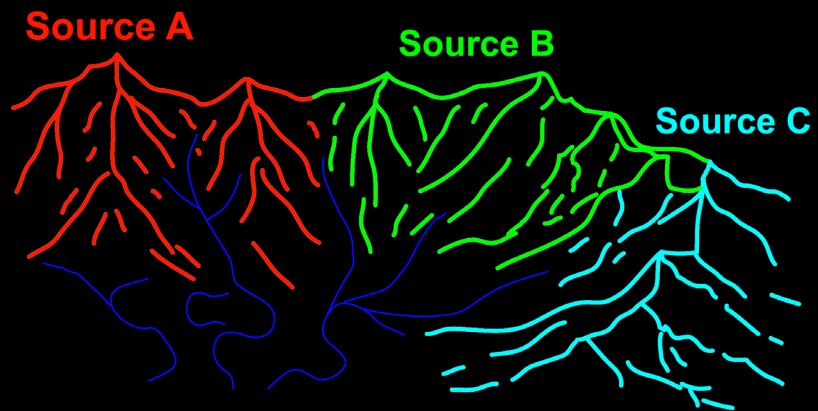
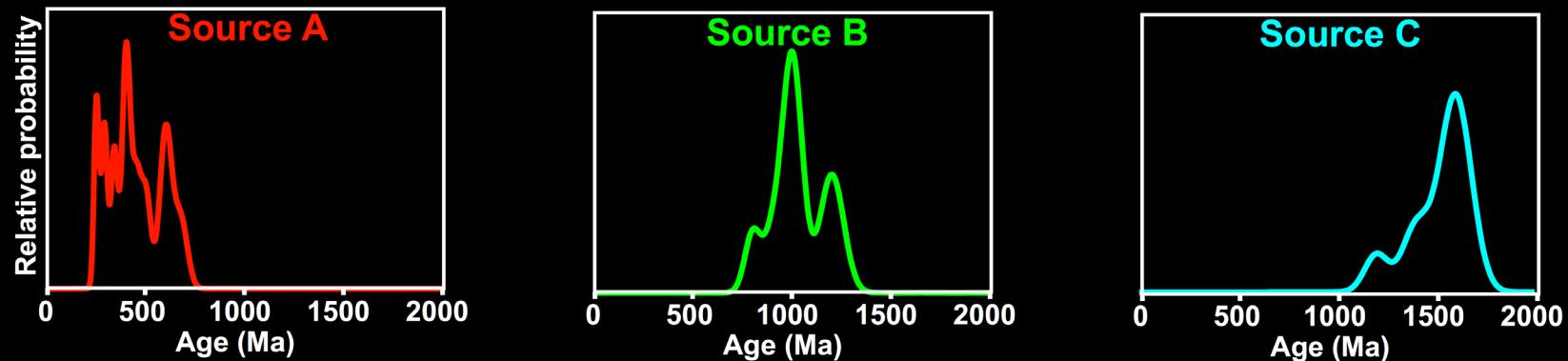


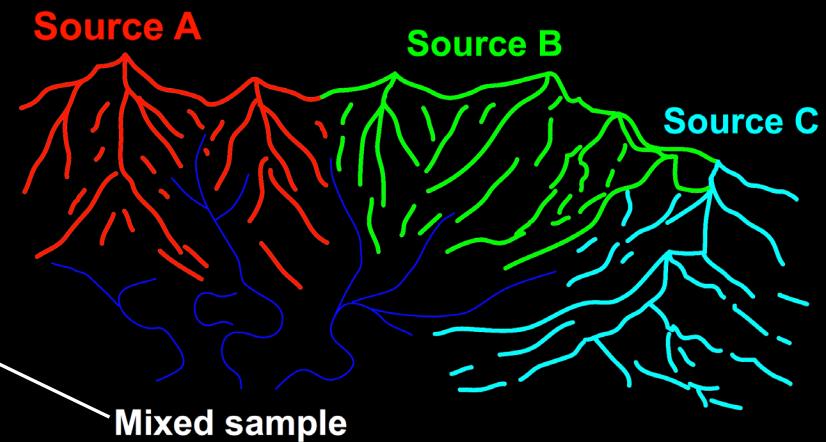
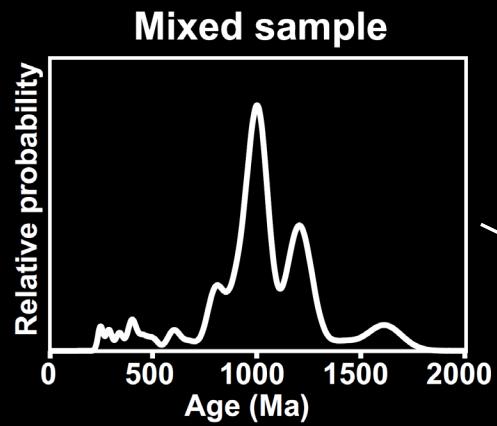
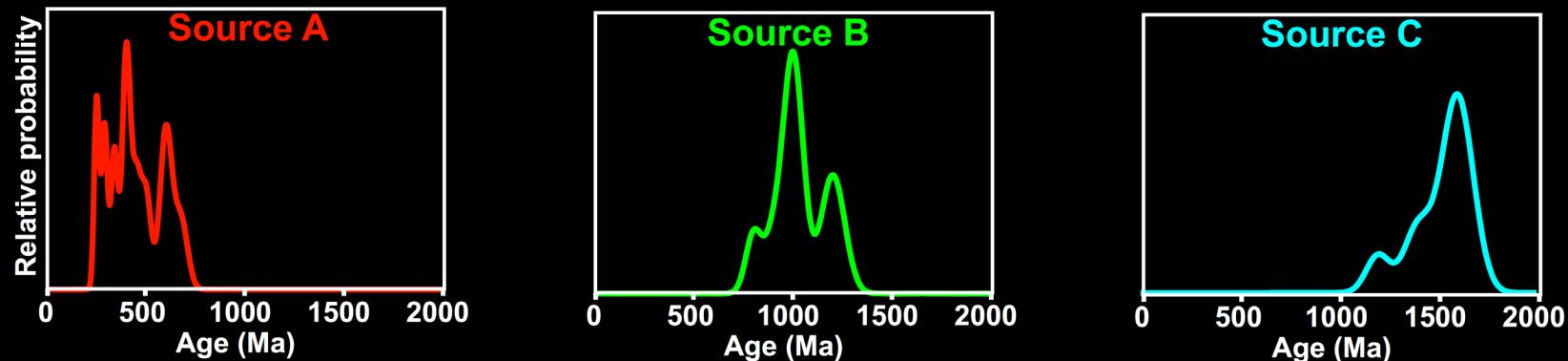
## Simple geologic example



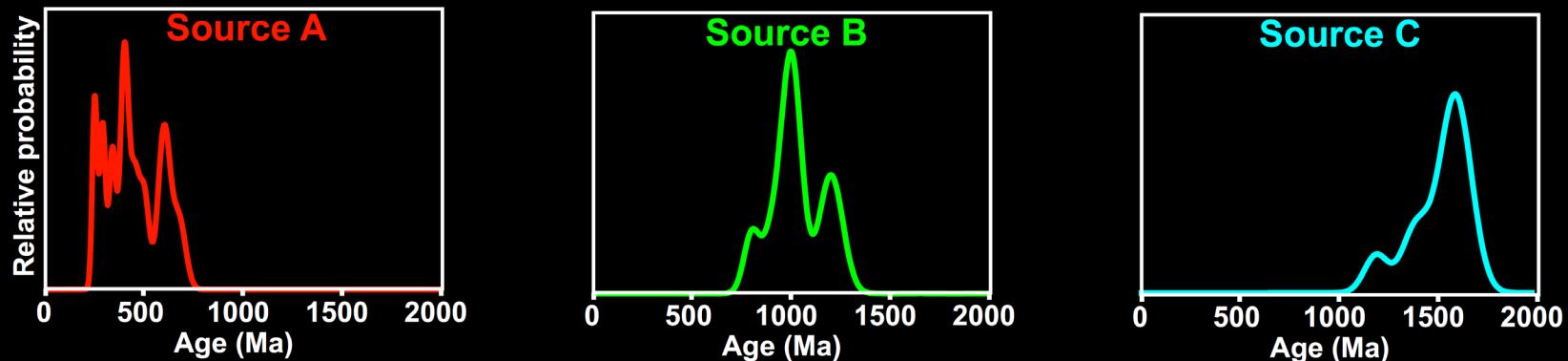
## Simple geologic example



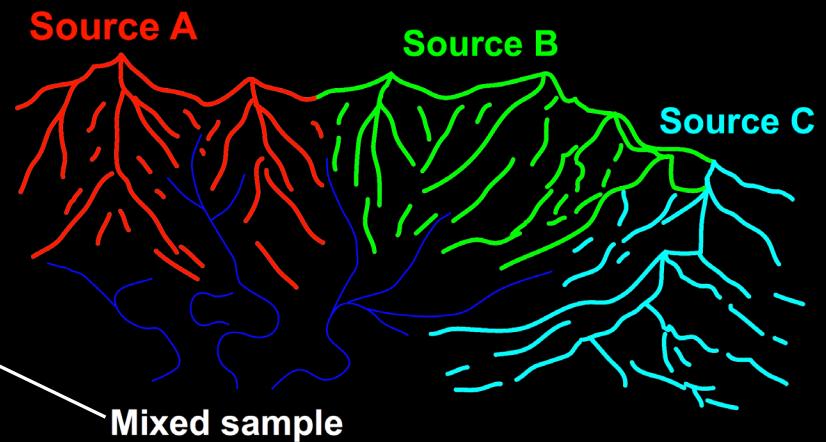
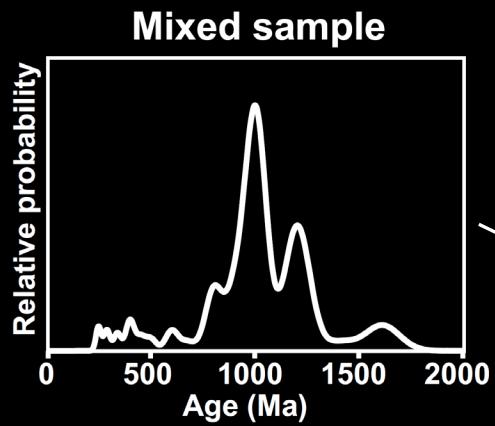
## Simple geologic example



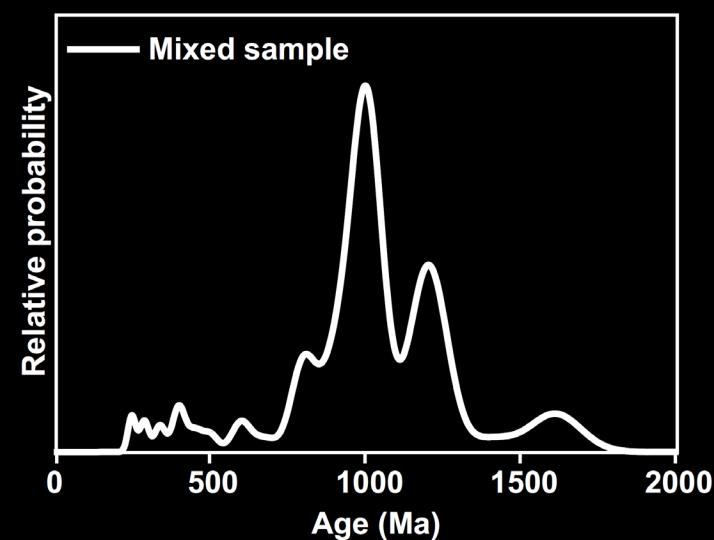
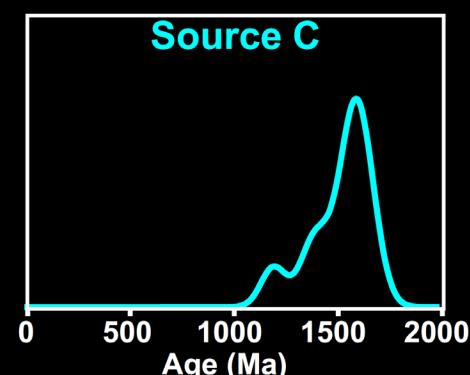
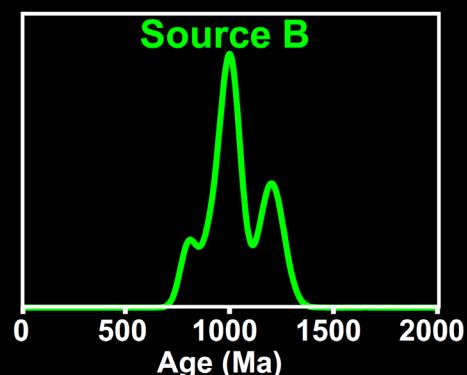
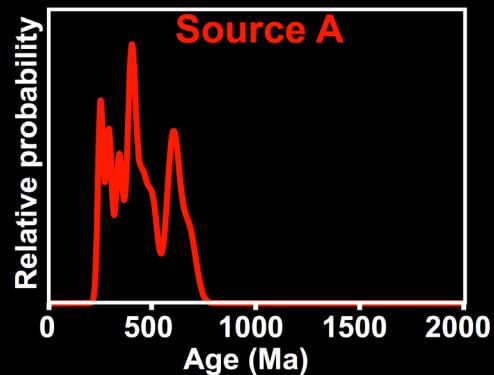
## Simple geologic example



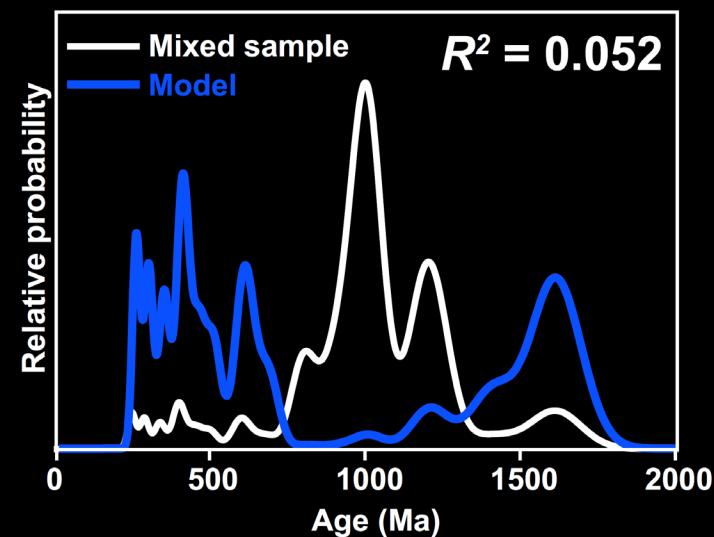
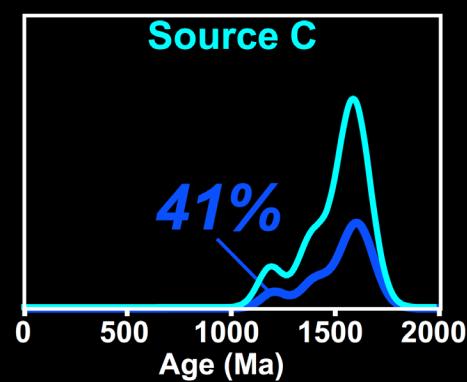
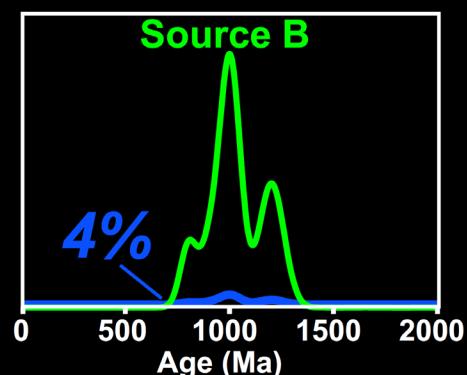
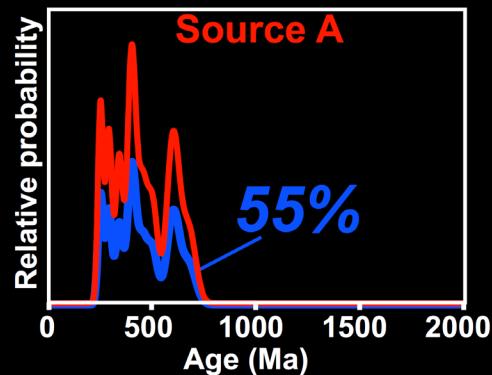
**Source A + Source B + Source C = 100% Mixed Sample**



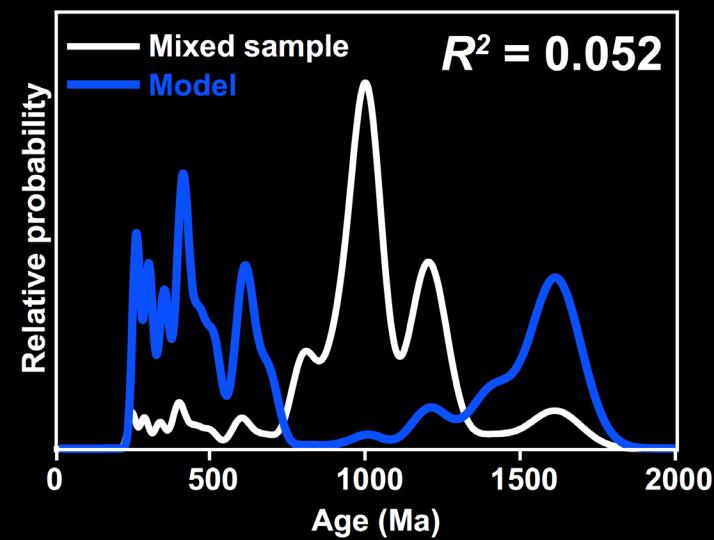
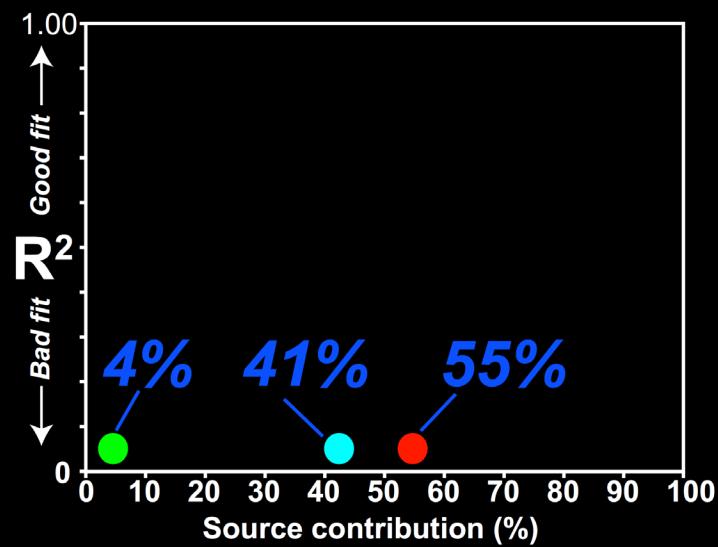
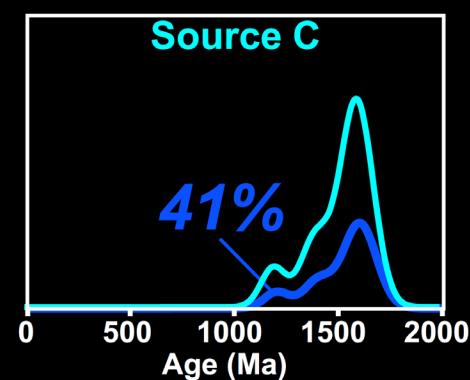
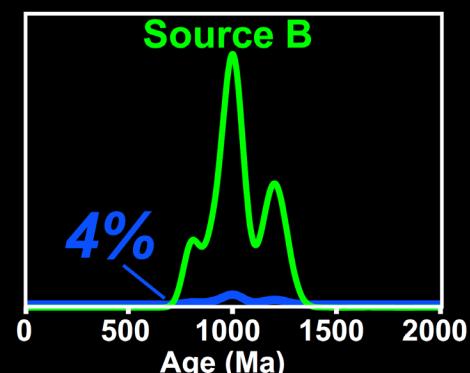
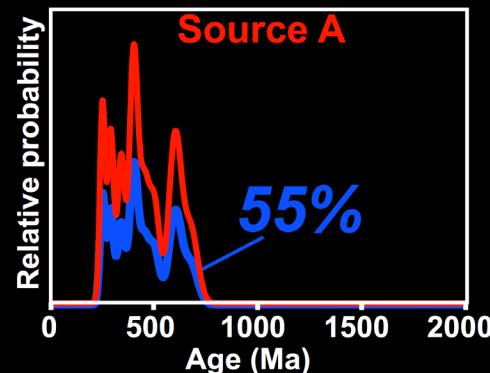
## Inverse Monte Carlo model



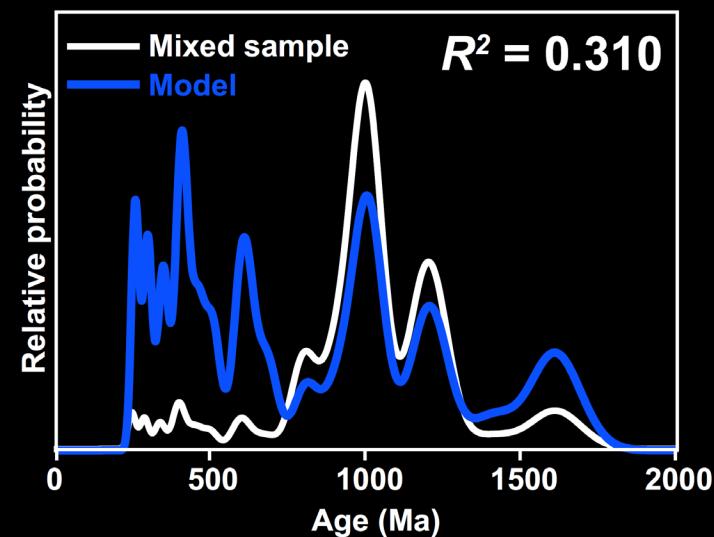
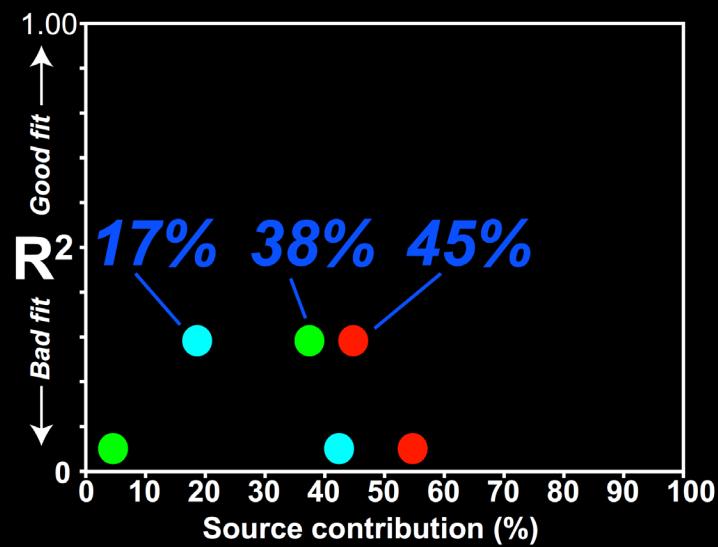
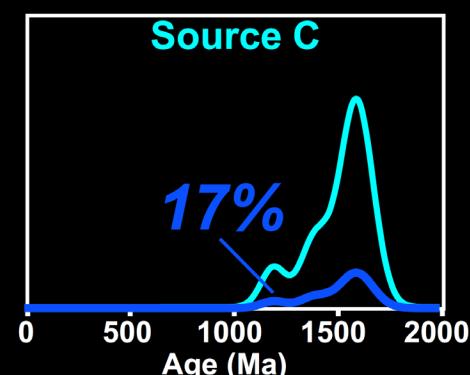
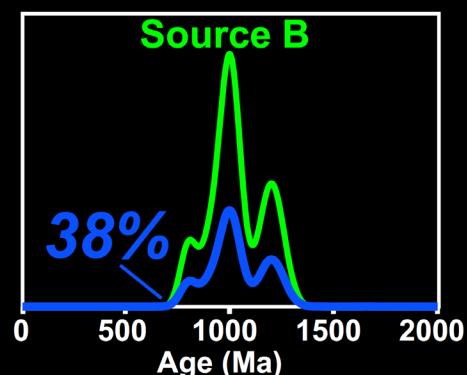
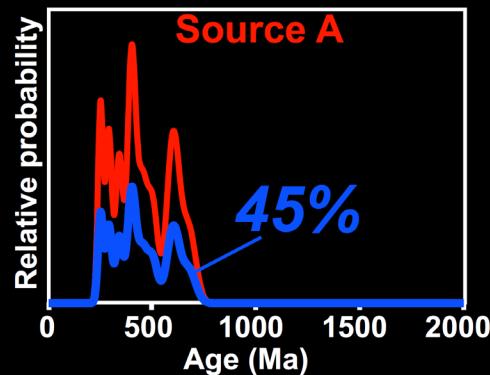
## Inverse Monte Carlo model



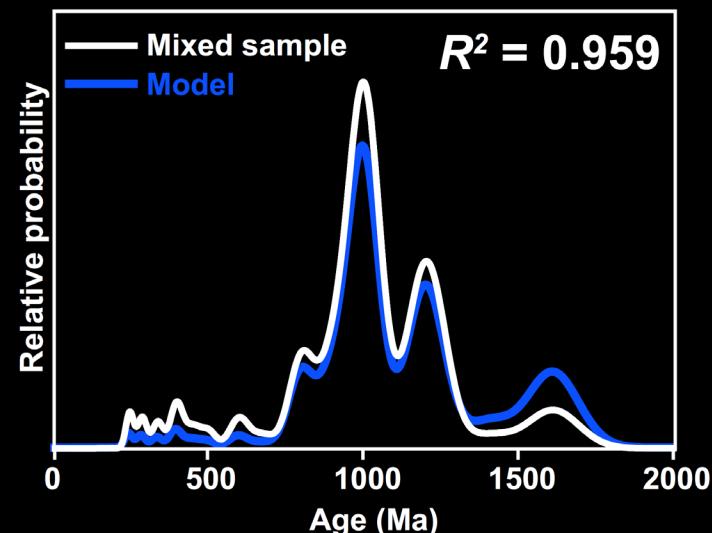
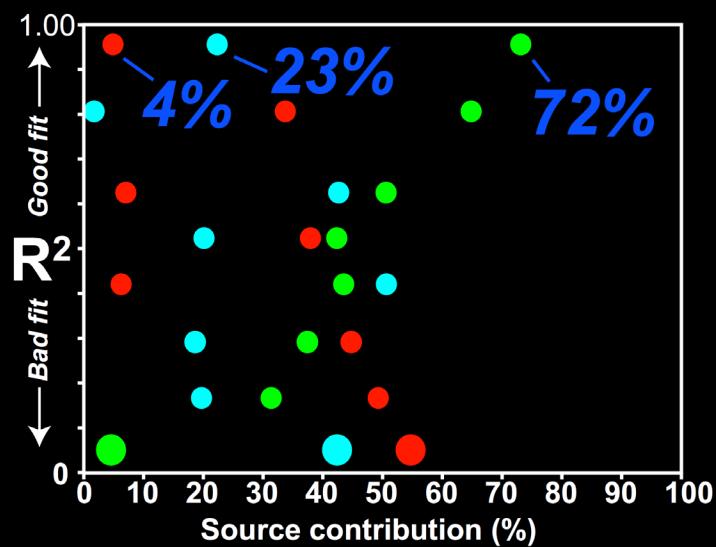
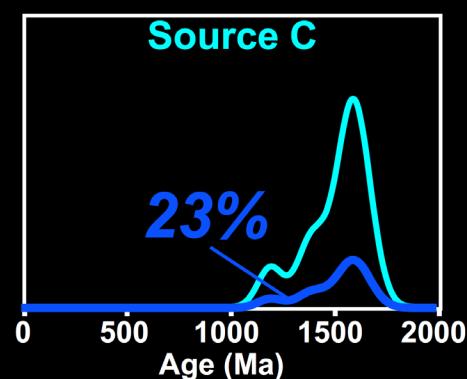
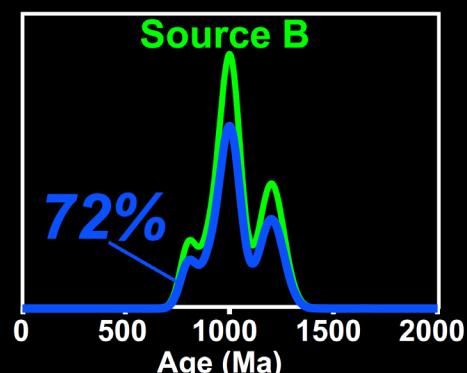
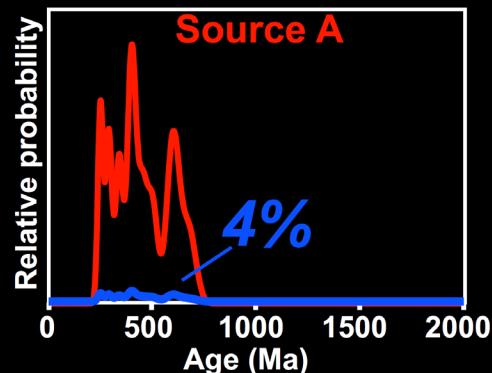
## Inverse Monte Carlo model



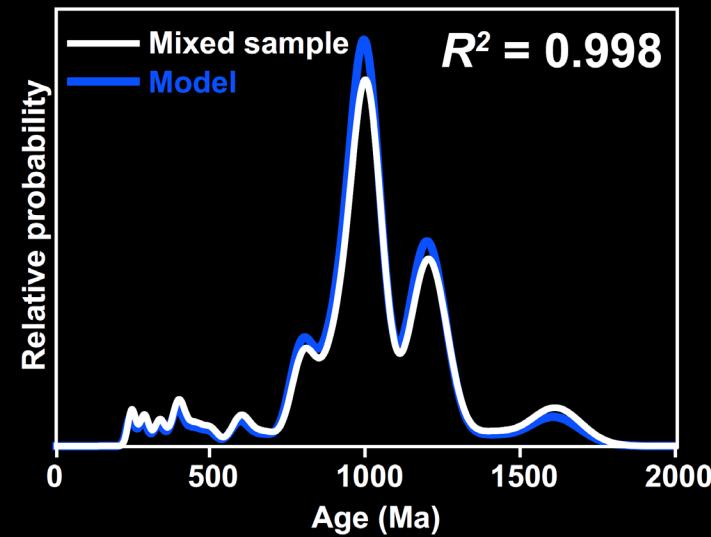
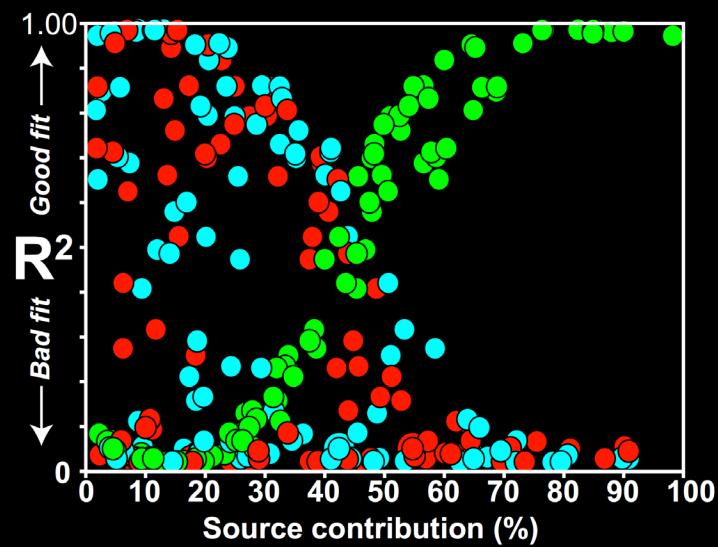
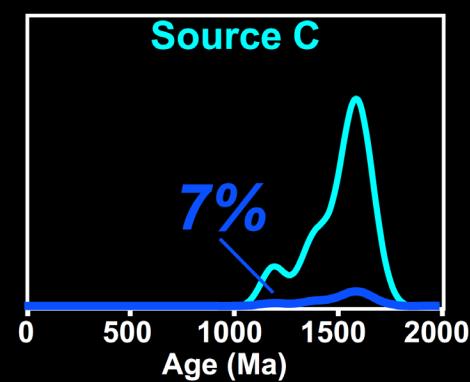
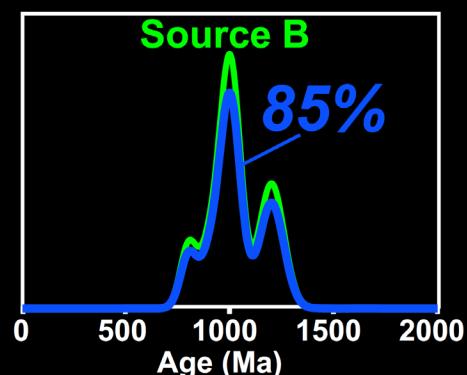
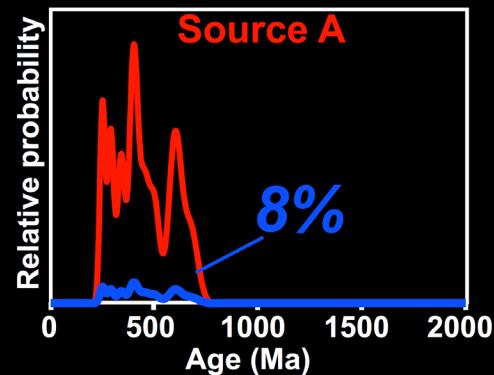
## Inverse Monte Carlo model



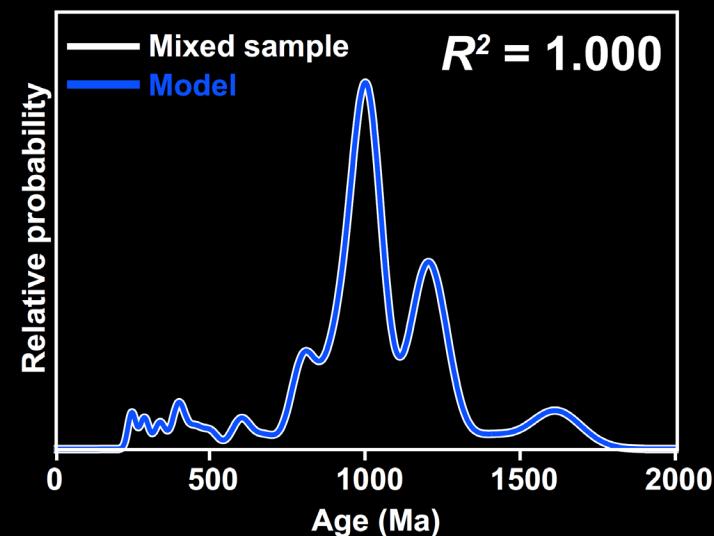
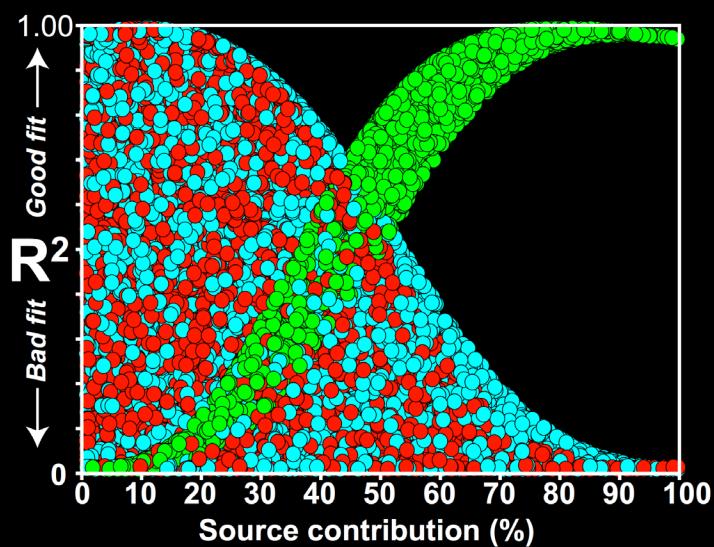
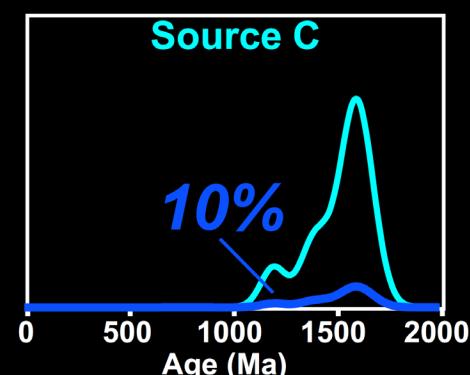
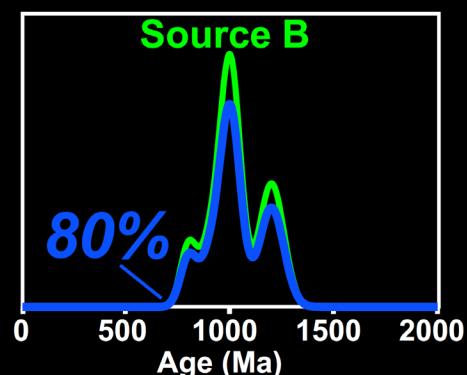
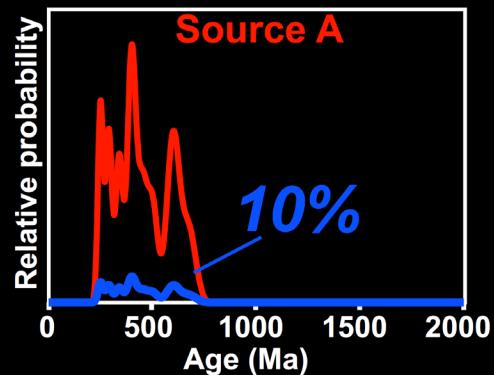
## Inverse Monte Carlo model



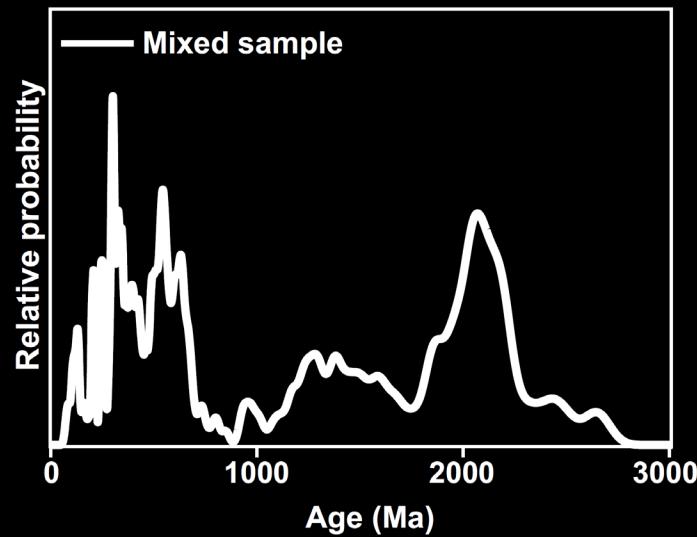
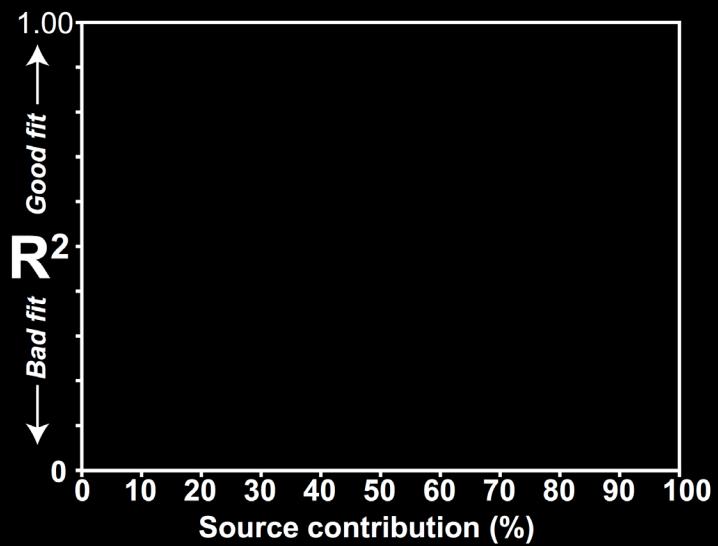
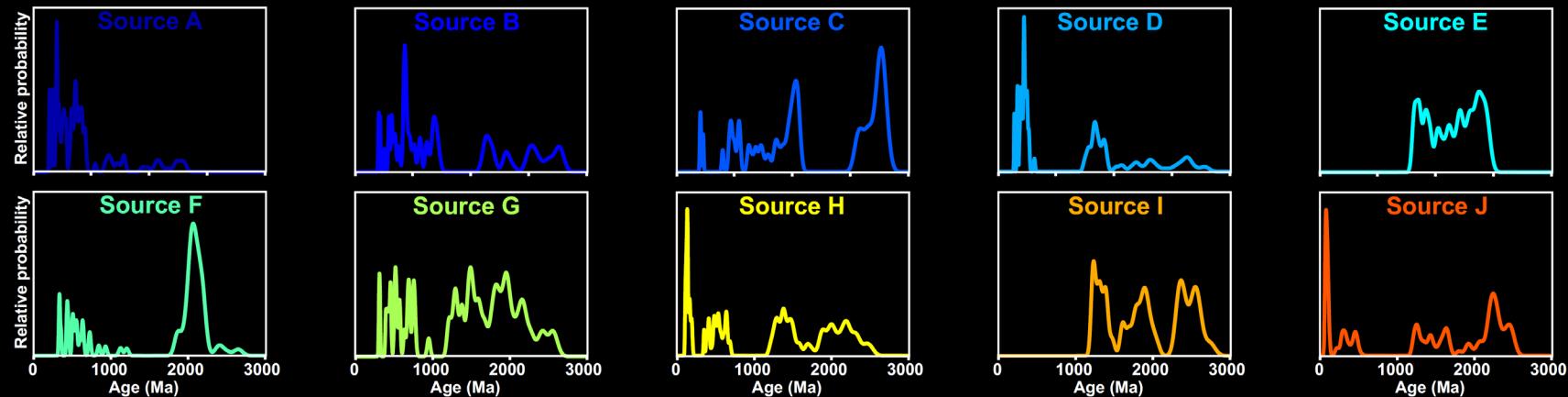
## Inverse Monte Carlo model



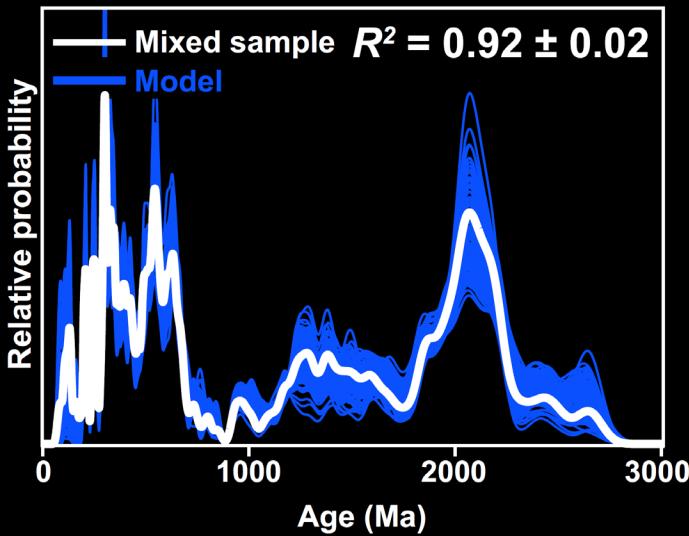
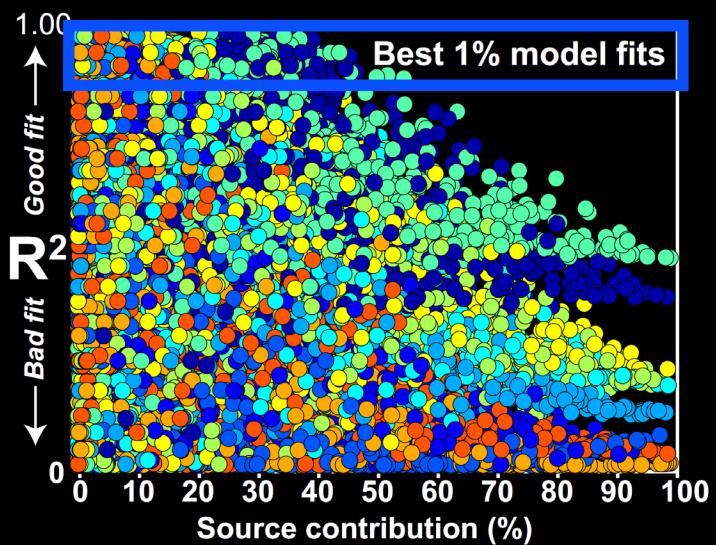
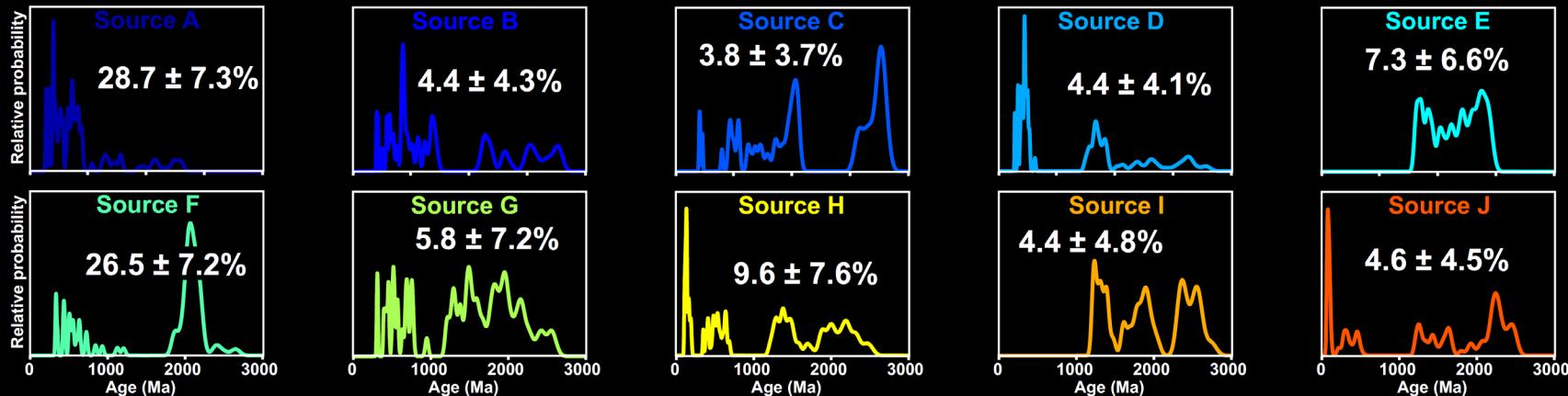
## Inverse Monte Carlo model



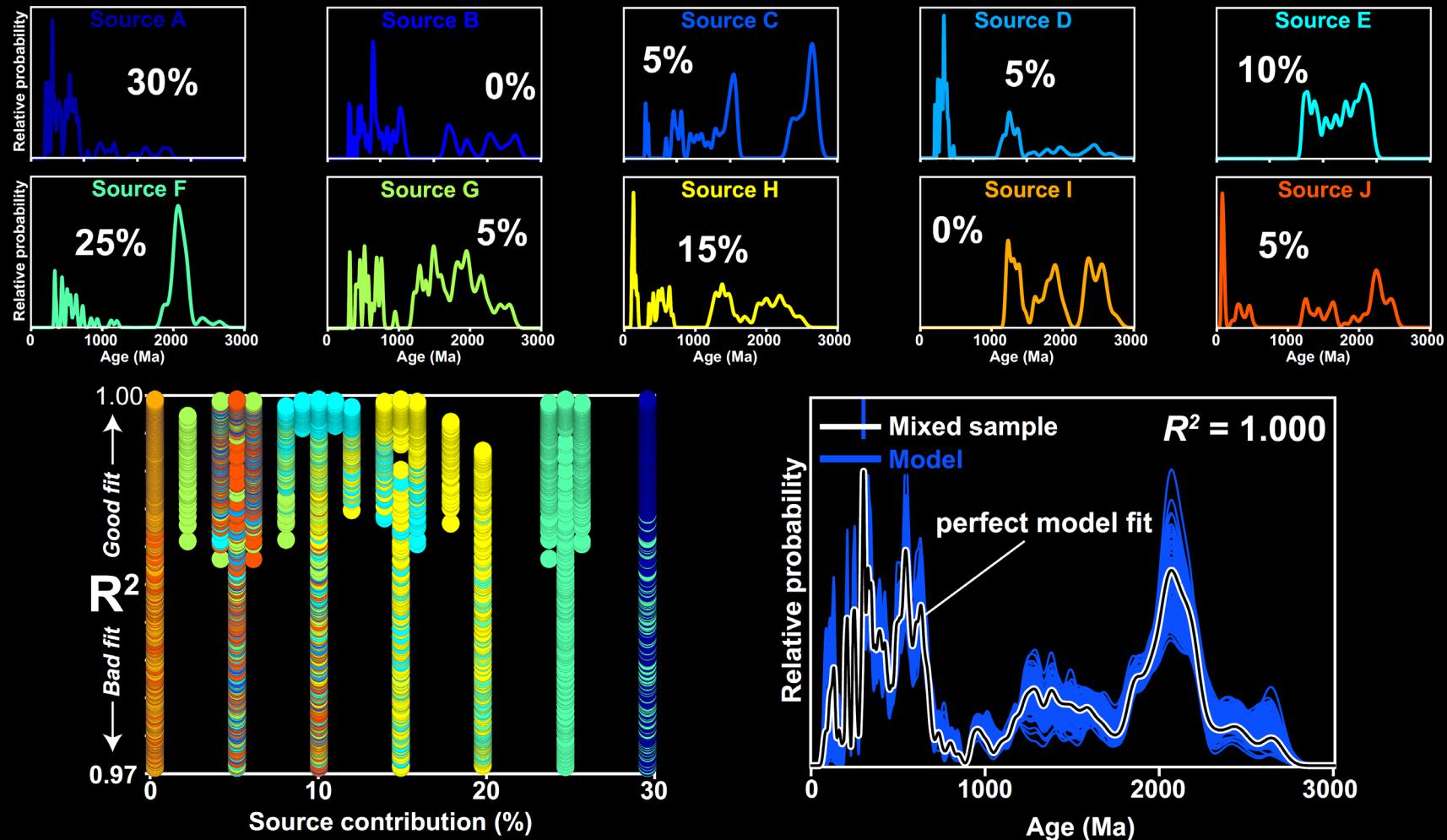
## Complex synthetic data



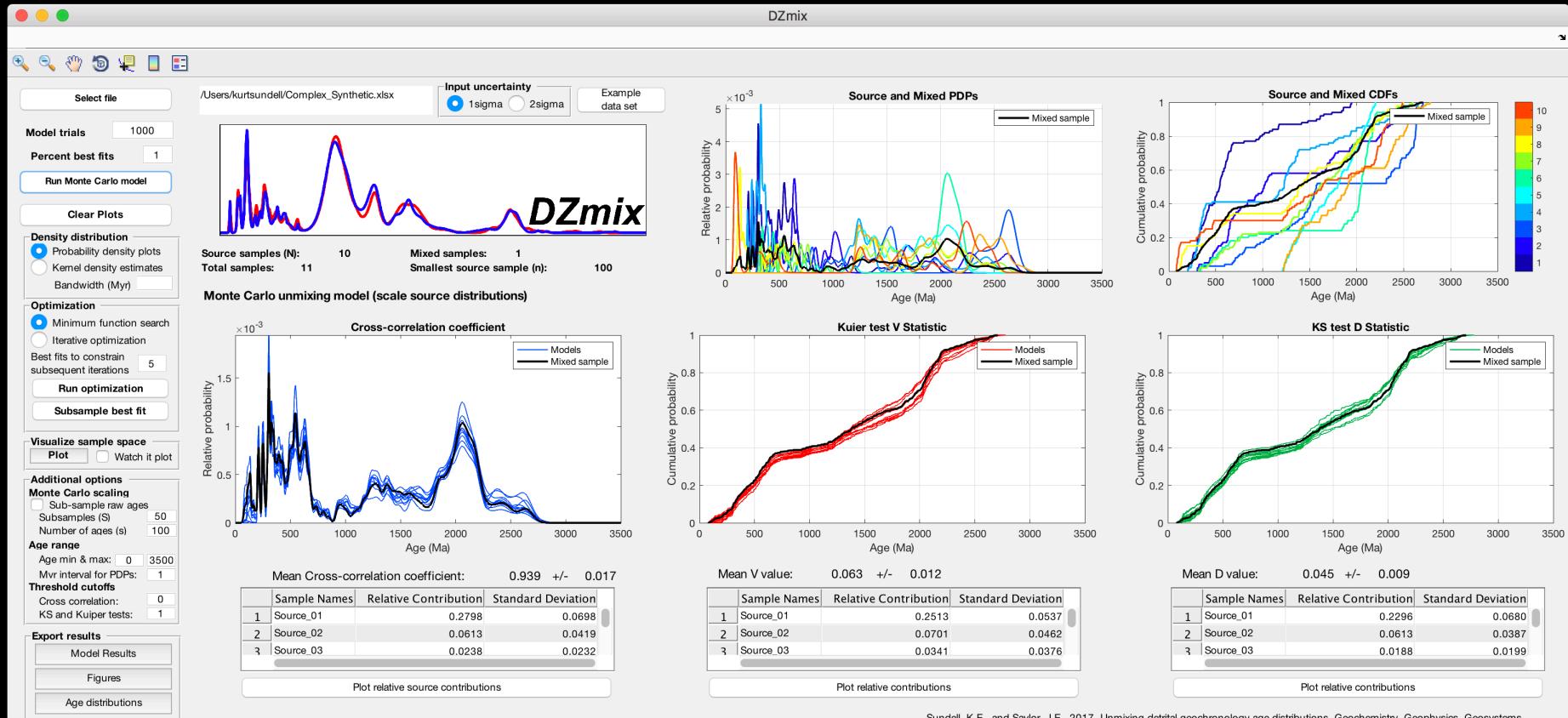
## Complex synthetic data



## Forward optimization routine



# DZmix available for Windows and macOS



Download **DZmix** at [Github.com/kurtsundell/DZmix](https://github.com/kurtsundell/DZmix)

Sundell, K.E., and Saylor, J.E., 2017, Unmixing detrital geochronology age distributions, *Geochemistry, Geophysics, Geosystems*