

Week 9

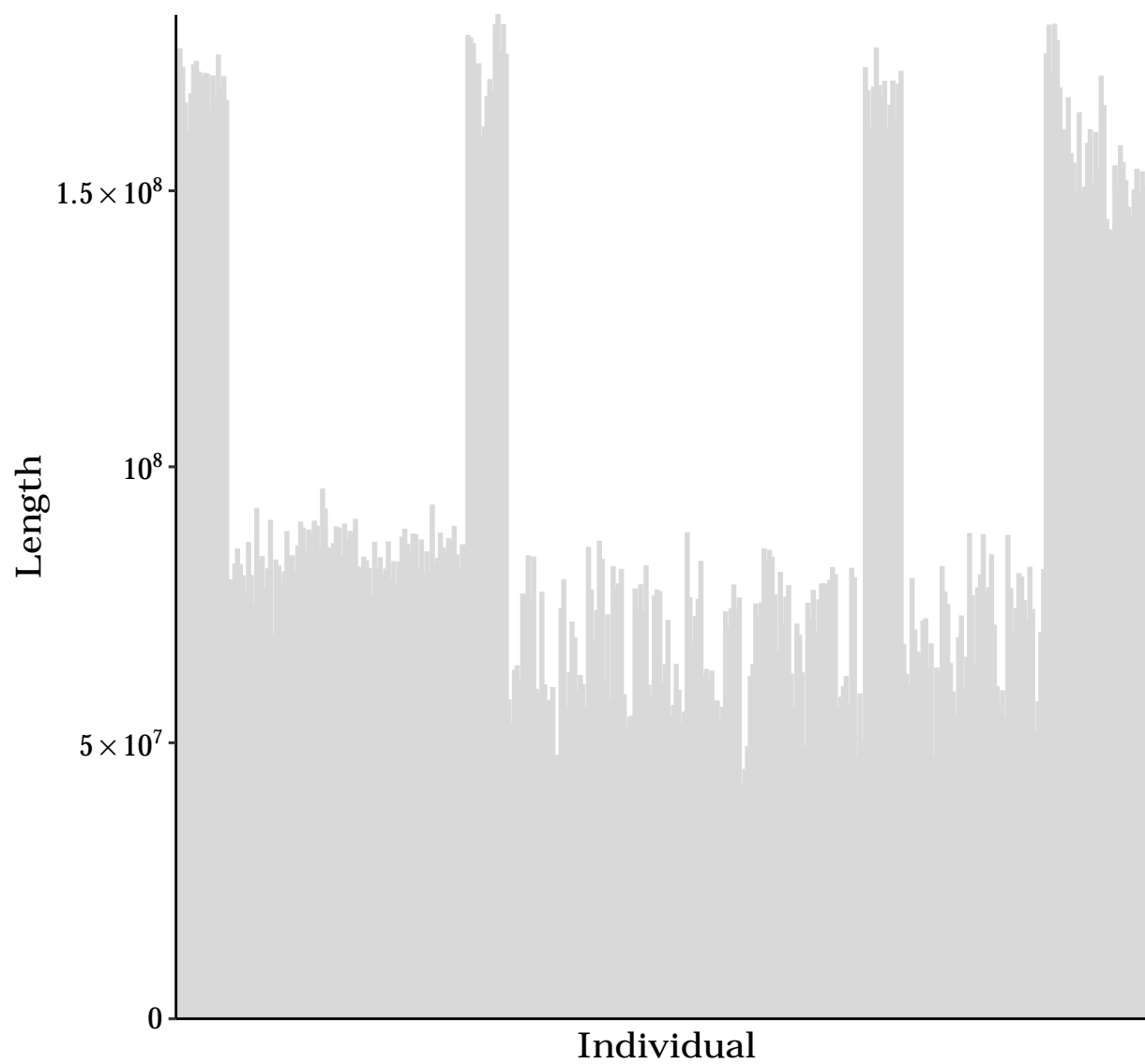
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1 Total length of Archaic fragments in each individual



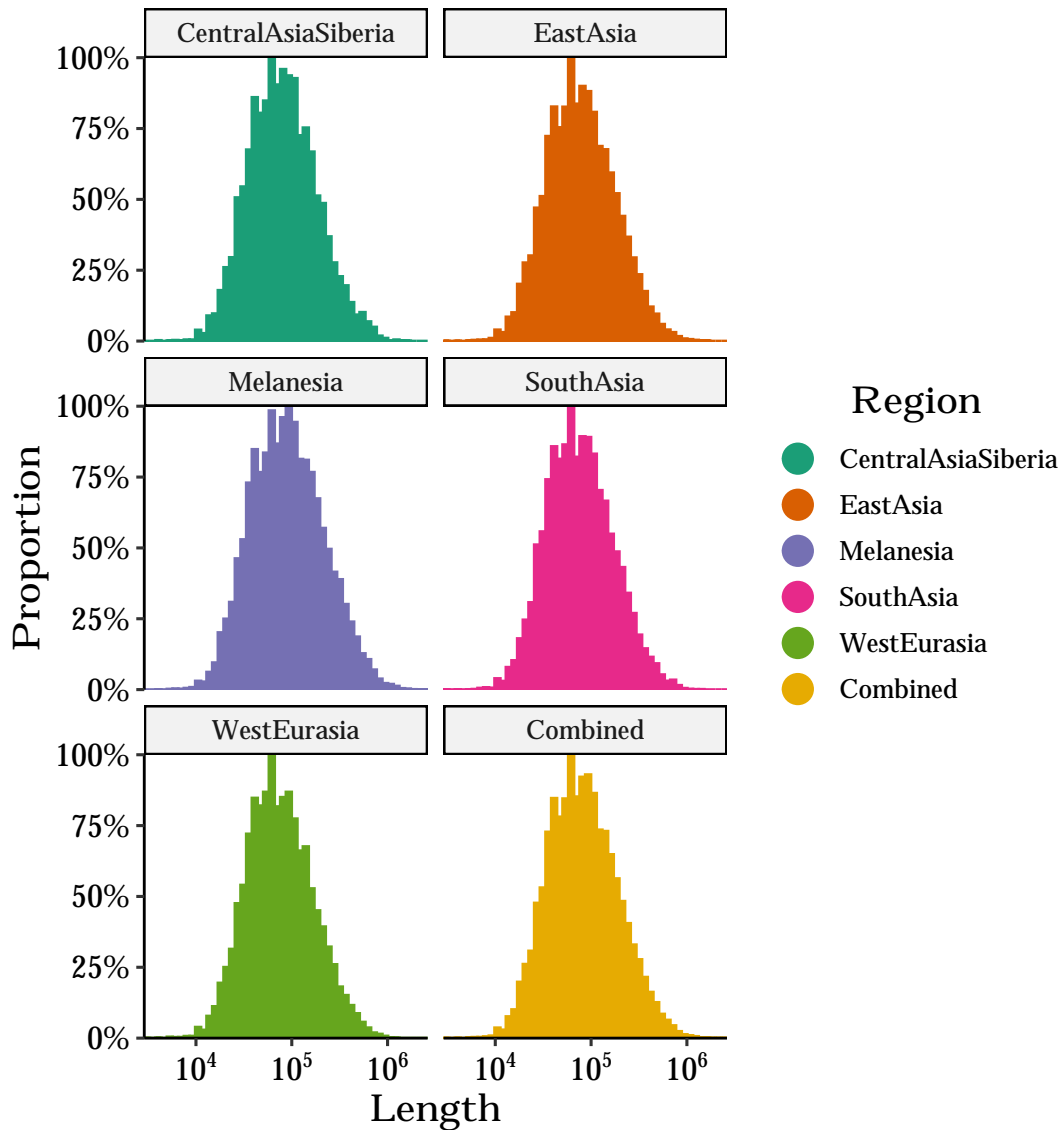
2 Total length of Archaic fragments in each population



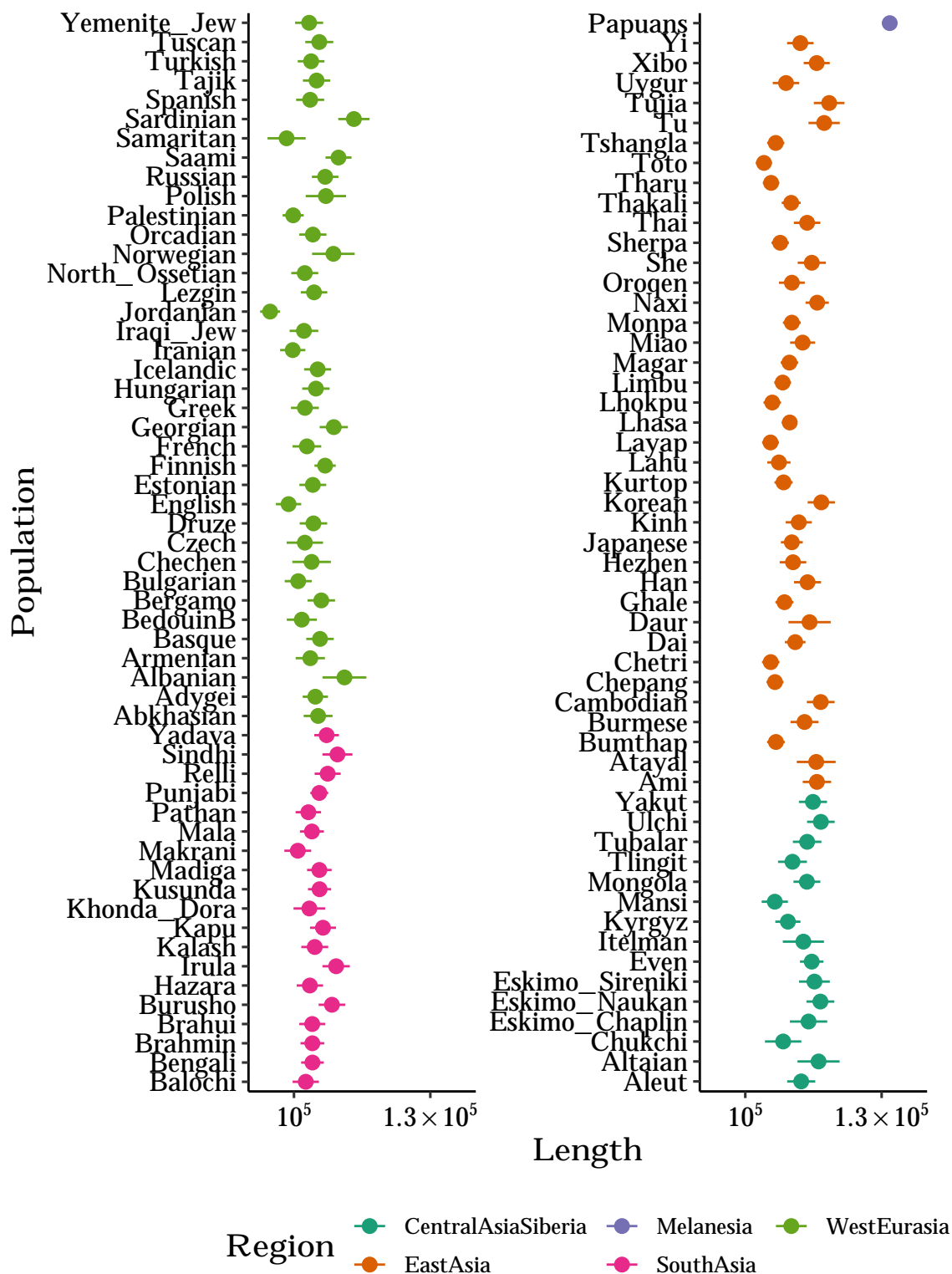
3 Which population has longer fragment reads?

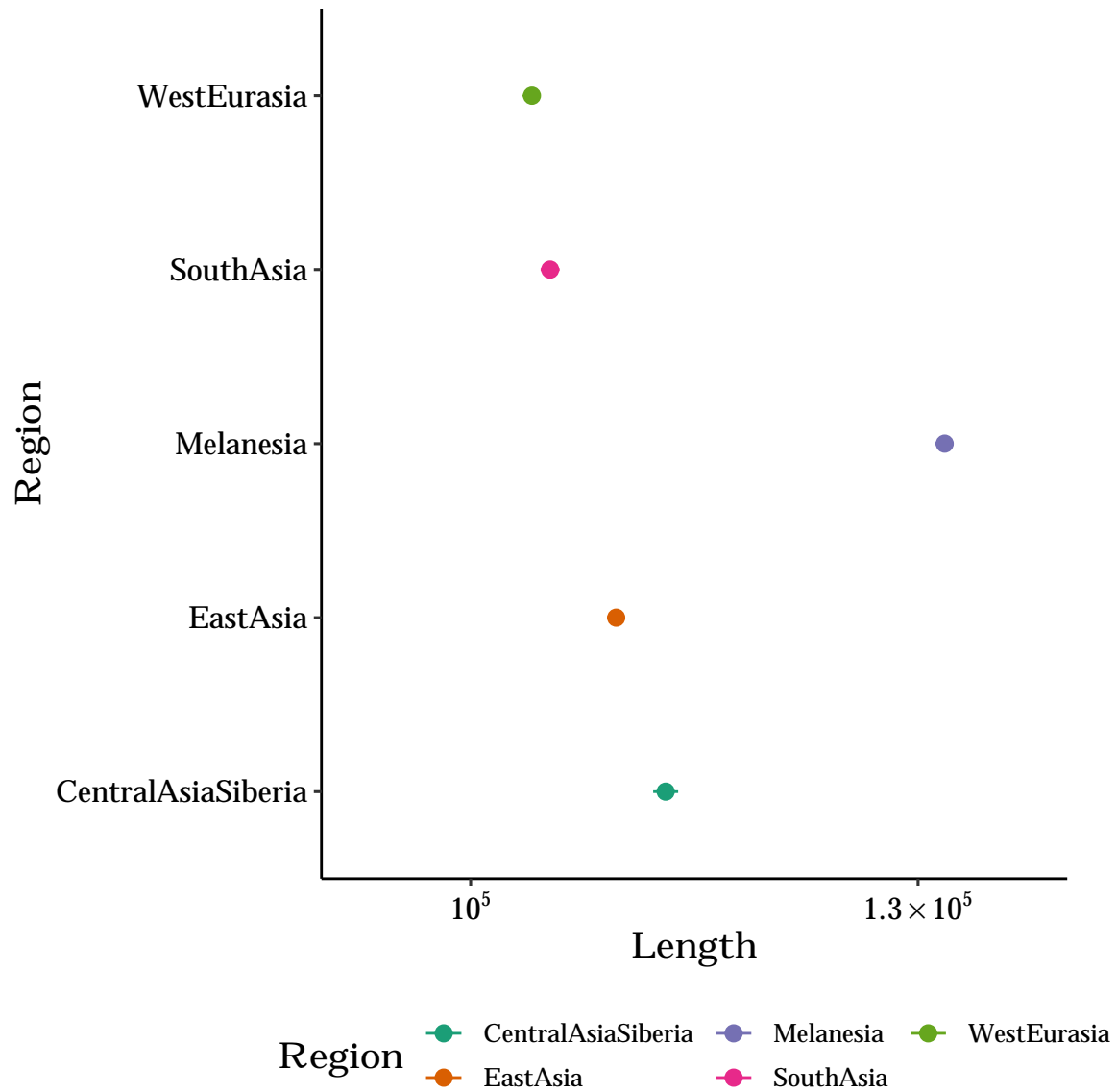
The population “Papua New Guinea” has longer reads, probably because they have admixture with both Neanderthals and Denisovans, the latter of which happened more recently.

4 What is the length distribution of Archaic fragments for the five different regions



5 What is the average length of fragments for each population and region





6 What can cause different fragment lengths?

Two things can cause different fragment lengths:

- 1) Time until admixture event
- 2) Generation time