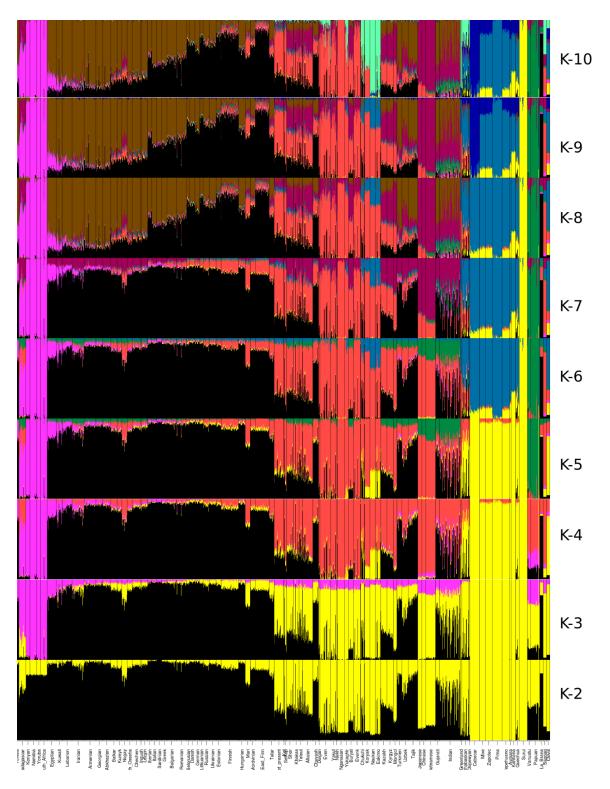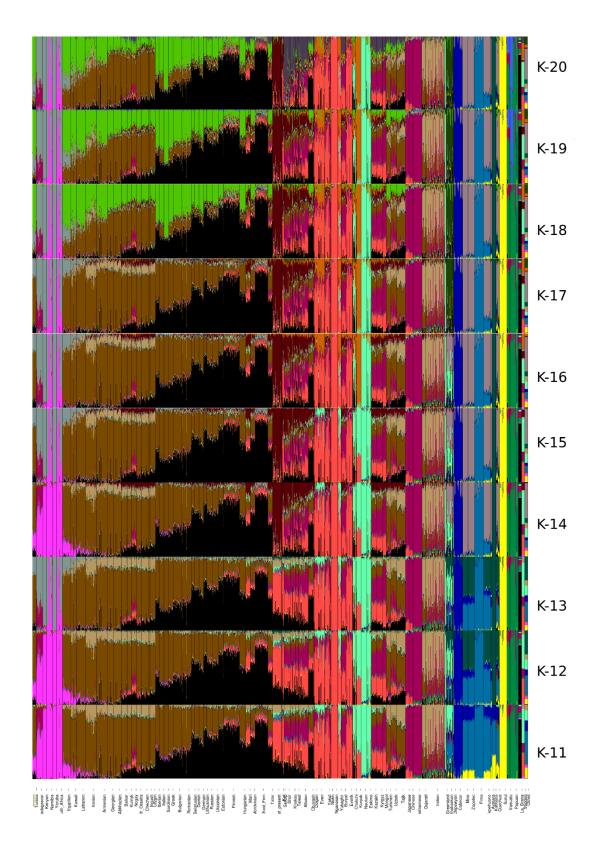**Supplementary Figure 1: Selection of the optimal number of admixture components, ten-fold cross-validation (CV), K=2..20.**

Supplementary Figure 2: Selection of the optimal number of admixture components, K=2..10.

Supplementary Figure 3: Selection of the optimal number of admixture components, K=11..20.