**Exercise 6 - PCA**

1. Play with the SEA dataset using PCA. Write a few sentences on the feature/history of any of the populations that you learned from PCA results, and explain what made you come to that conclusion.
2. Replicate Haak’s Figure 2a. Write a few comments on the results. Some hints include:
   * Refer to SI 5 for details on the figure. Referring to Figure S5.1, you can see the list of present-day West Eurasians that were used in the analysis.
   * To only use transversions, you can use the option
     + “badsnpname: /public/adna/student/data/data.eigen.transi.snp”
     + This file contains all the transitions, and it tells the software not to use SNPs included in this SNP file, leaving only transversions for analysis.