

Figure 1: Histograms of  $\ln(\text{EMv1m})$  for the population (left) and for the model-based sample from the Cotton Research Field in Khorezm (Uzbekistan).

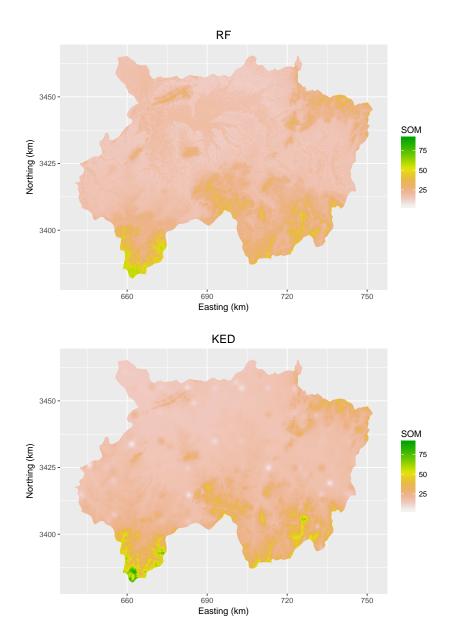


Figure 2: Map of soil organic matter concentration in the A-horizon, as obtained by a random forest model (RF) and kriging with an external drift (KED).