Figure S1: Accuracy of different algorithms as a function of resolvability of population structure. This figure is similar to Figure 1 in the main text, with results using the F-prior included. Subfigure (a) illustrates the demographic model underlying the three populations represented in the simulated datasets. Subfigure (b) compares the optimal model complexity inferred by ADMIXTURE ($K_{cv}^*$), fastSTRUCTURE with simple prior ($K_{cv}^*, K_{E}^*, K_{\phi\epsilon}^*$), fastSTRUCTURE with F-prior ($K_{cv}^*$), and fastSTRUCTURE with logistic prior ($K_{cv}^*$). Subfigure (c) compares the accuracy of admixture proportions estimated by each algorithm at the optimal value of $K$ in each replicate.