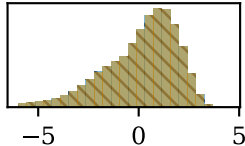
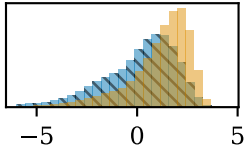


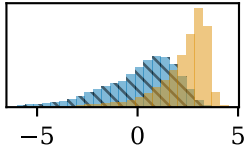
$k = 10^2$



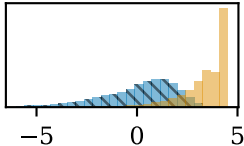
$k = 10^{-1}$



$k = 10^{-3}$



$k = 10^{-6}$



 unweighted  weighted