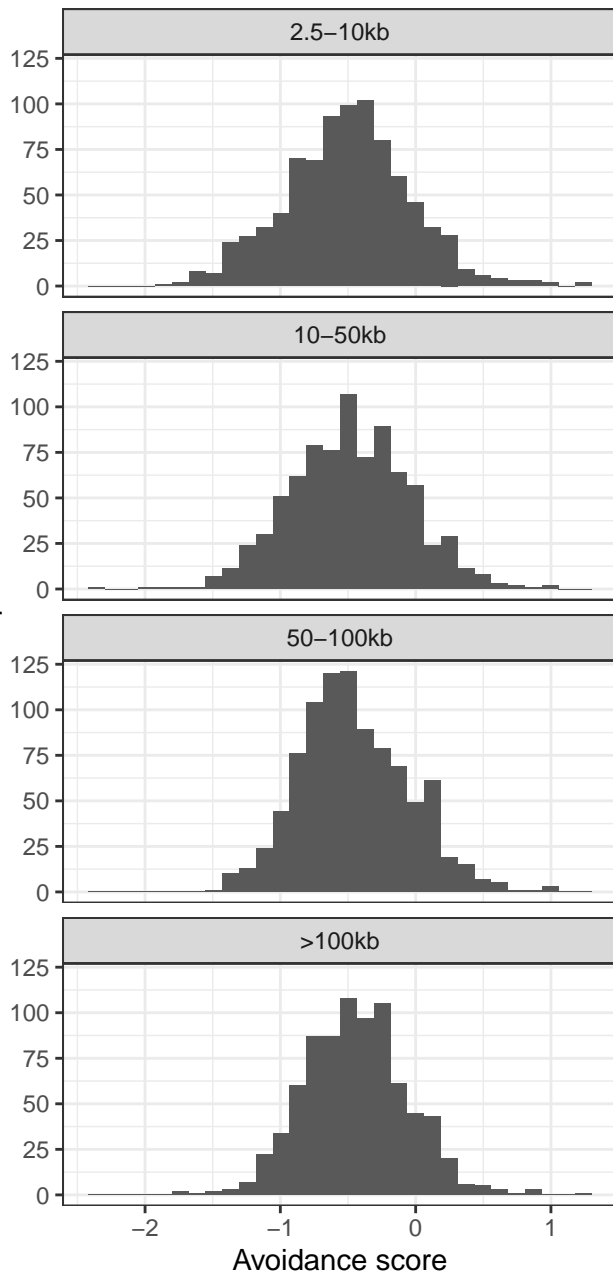


(a)  $k = 4$



(b)  $k=6$

