

exact expectations

$k/n$  (together with minor ticks at equispaced values of  $A_k$ )

0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

$A_k=0.10$  0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90

$F_k - \tilde{F}_k$

0.20  
0.15  
0.10  
0.05  
0.00  
-0.05

0.00 0.01 0.04 0.09 0.16 0.25 0.35 0.48 0.63 0.80 0.99

$S_k$

