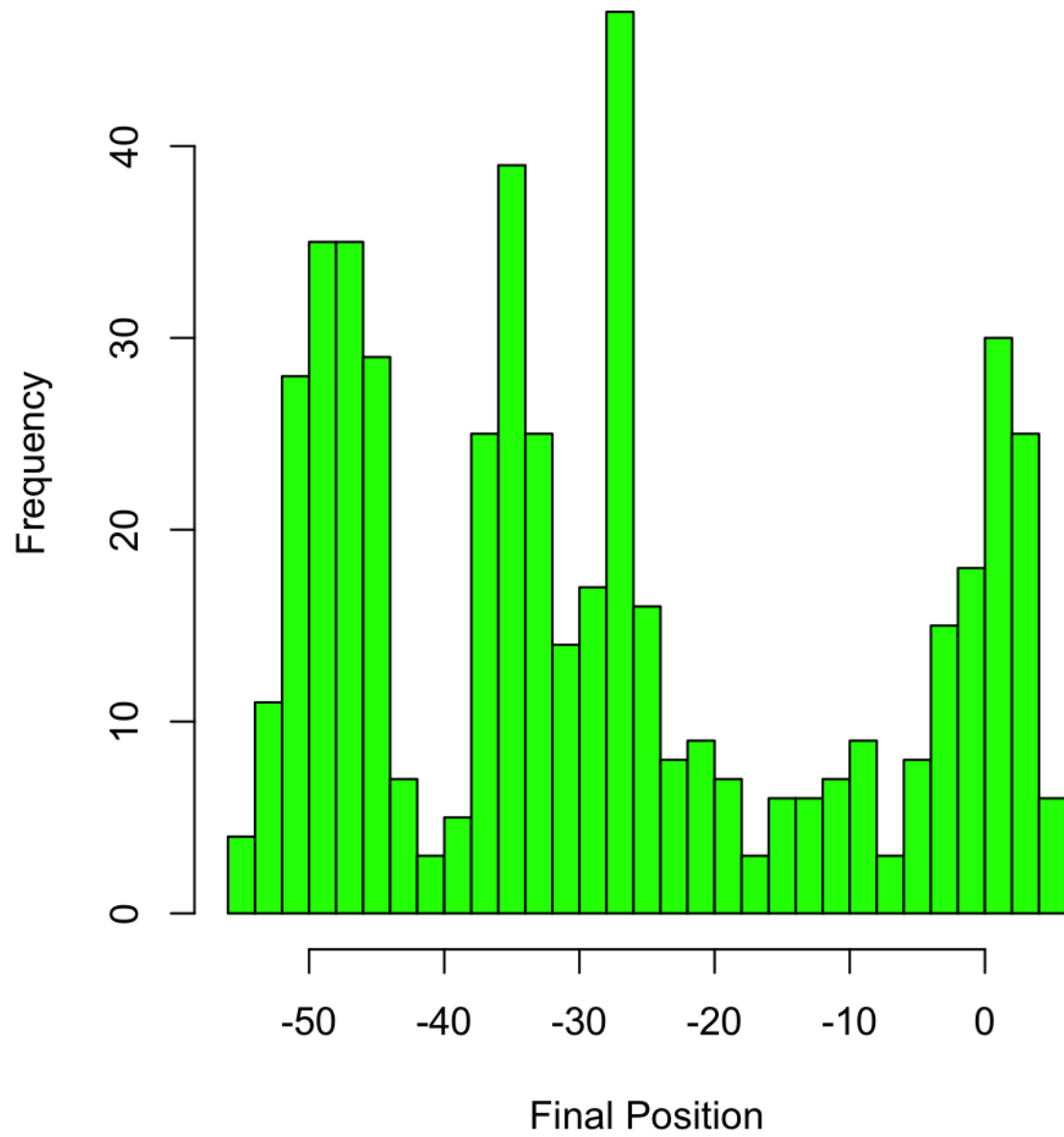
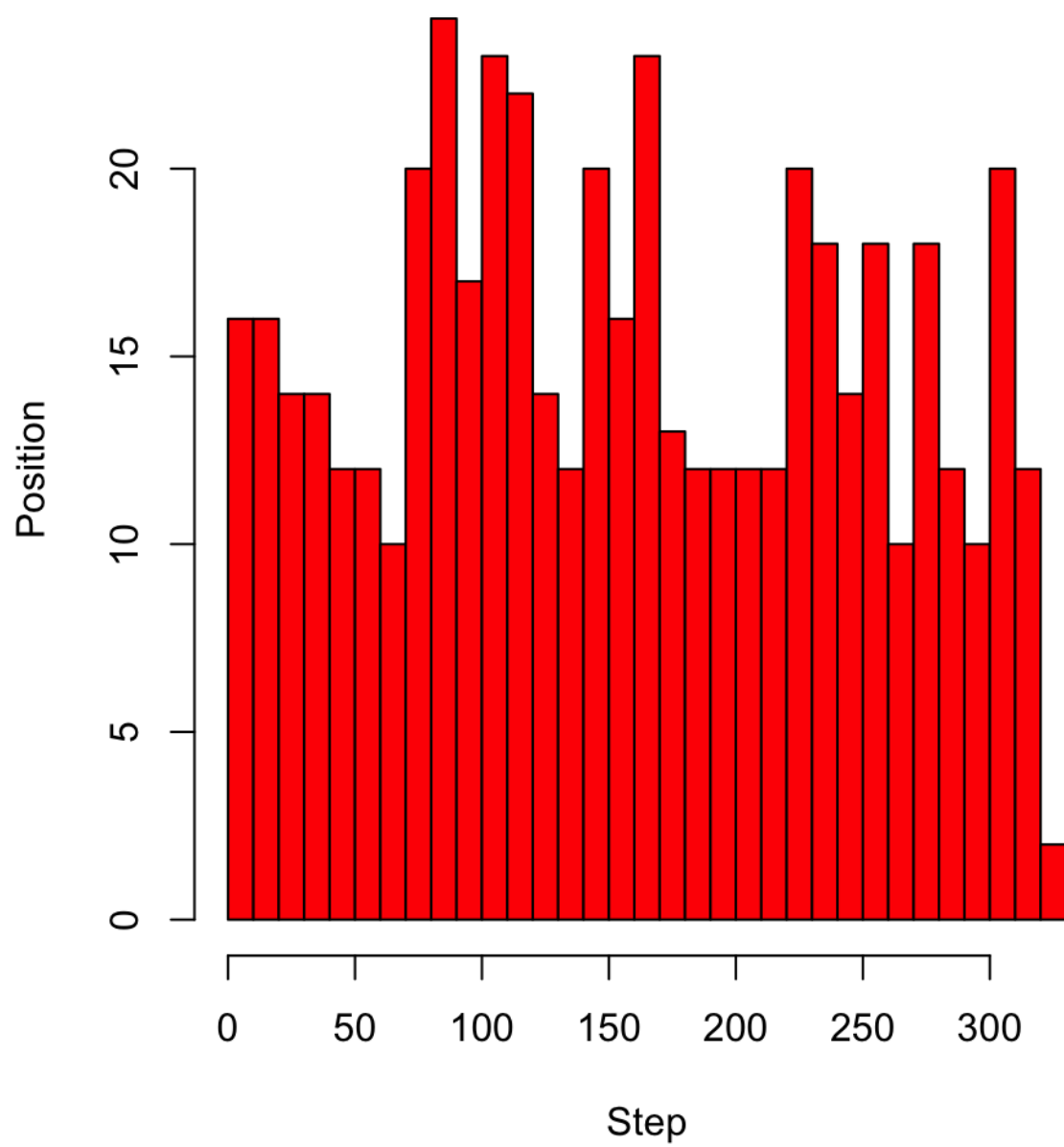


**Histogram of Random Walk with  $p=0.5$**

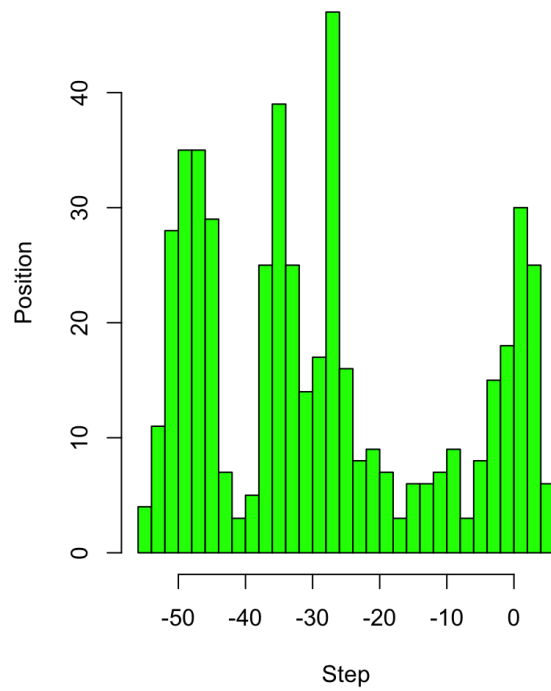


**Histogram of Random Walk with  $p=0.8$**

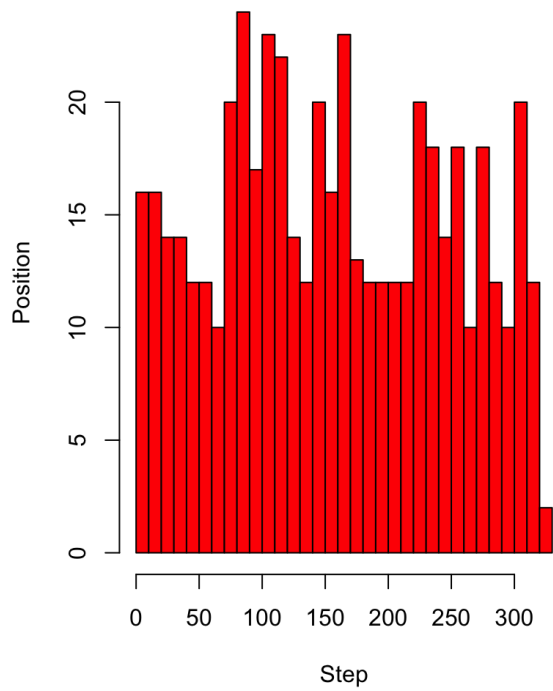


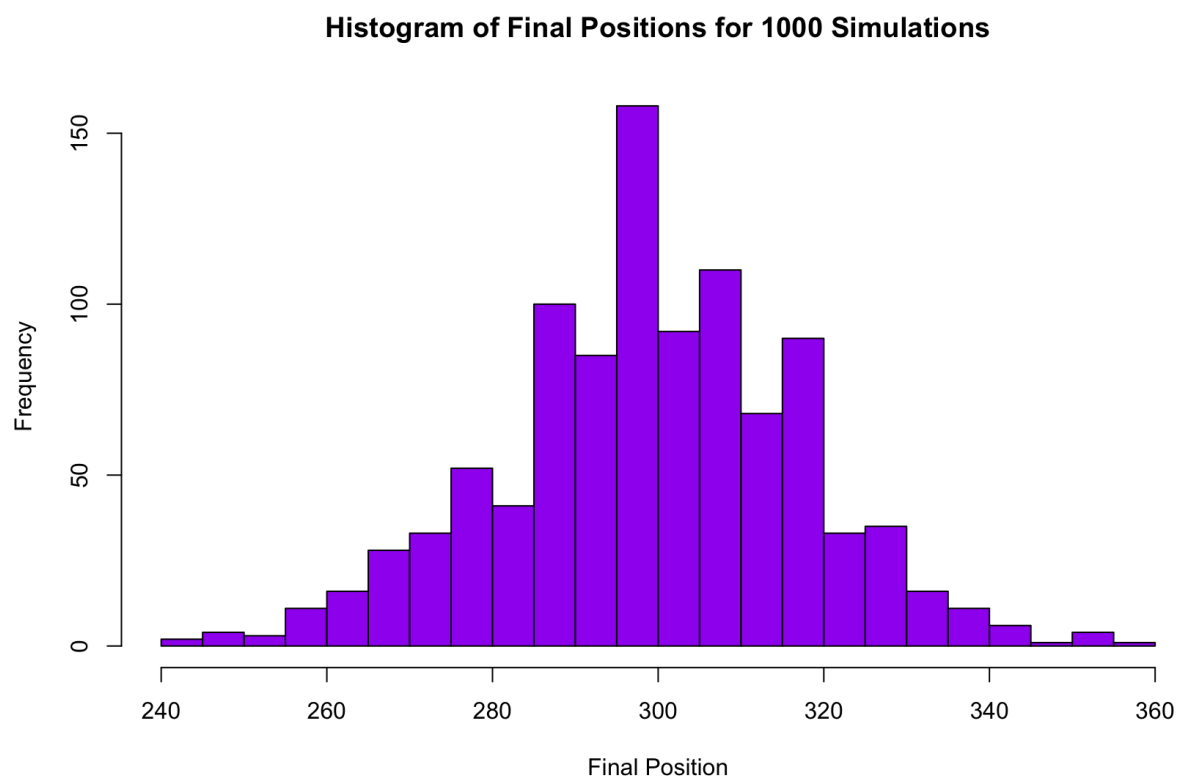
Comparison of Q2: a and b

**Histogram of Random Walk with  $p=0.5$**



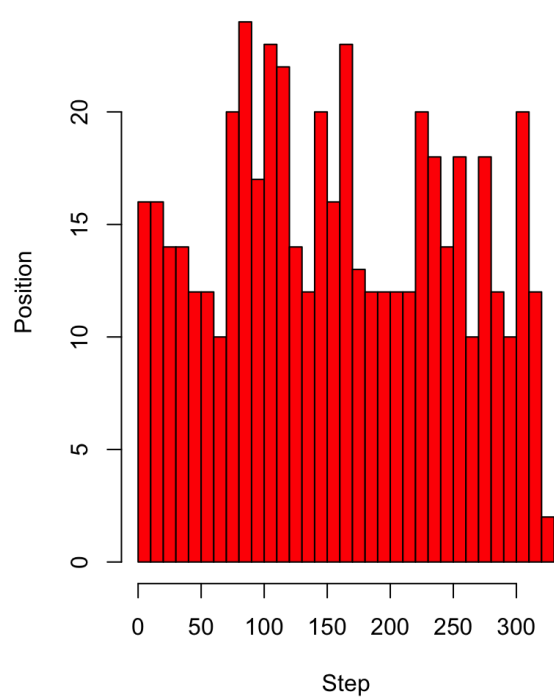
**Histogram of Random Walk with  $p=0.8$**





Comparison of Q2: b and c

**Histogram of Random Walk with  $p=0.8$**



**Histogram of Final Positions for 1000 Simulations**

