



Gene-wide selection  
random effects over sites and branches [BUSTED]



Sites



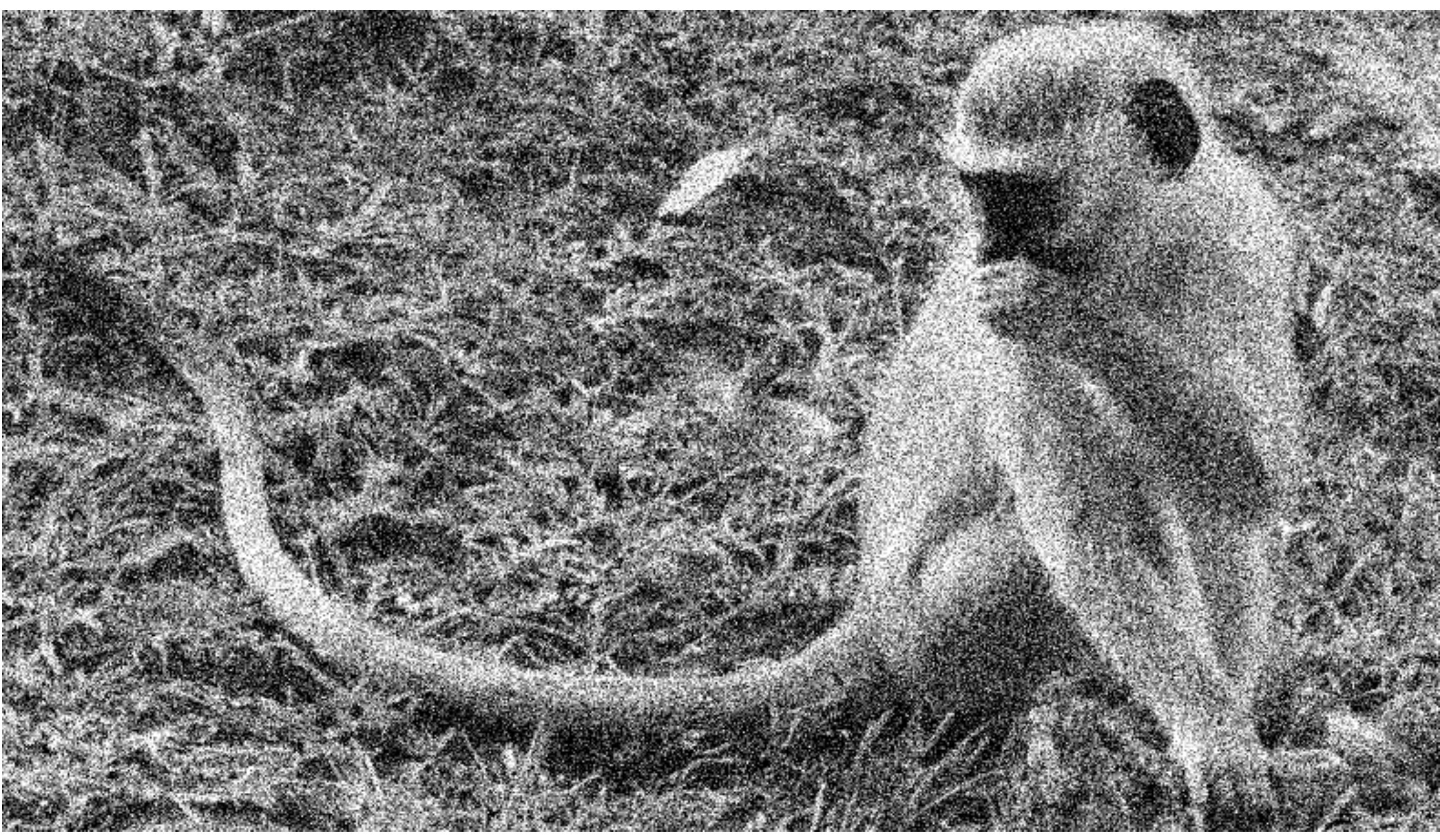




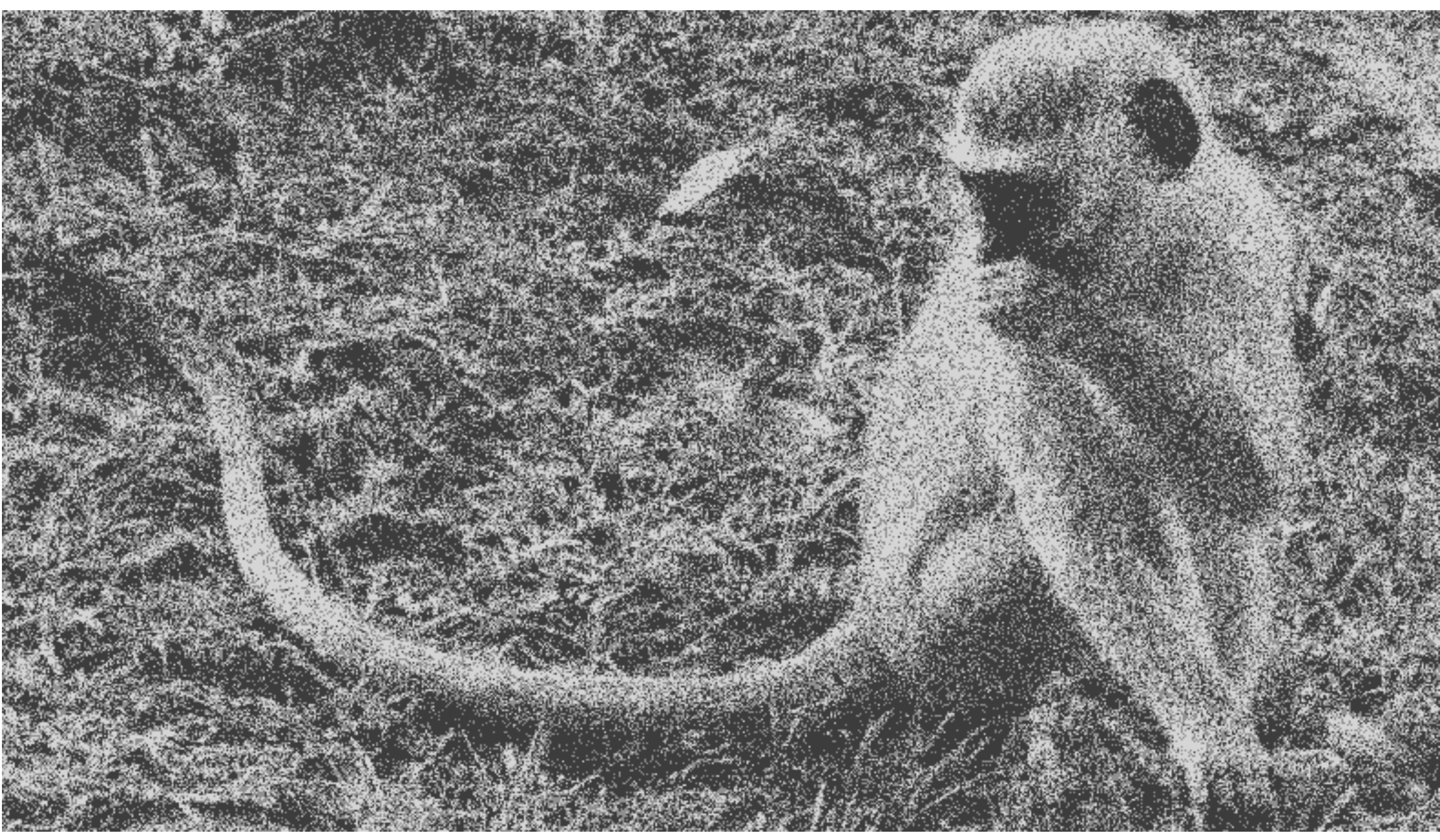
Is there enough **image area** that is sufficiently bright; allow each pixel to be one of  $K$  ( $=3$ ) colors, chosen adaptively, e.g. to minimize perceptual differences



[BUSTED]: each branch-site combination is drawn from a  $K$ -bin ( $dS, dN$ ) distribution. The distribution is estimated from the entire alignment. Tests if  $dN/dS > 1$  for some branch/site pairs in the alignment







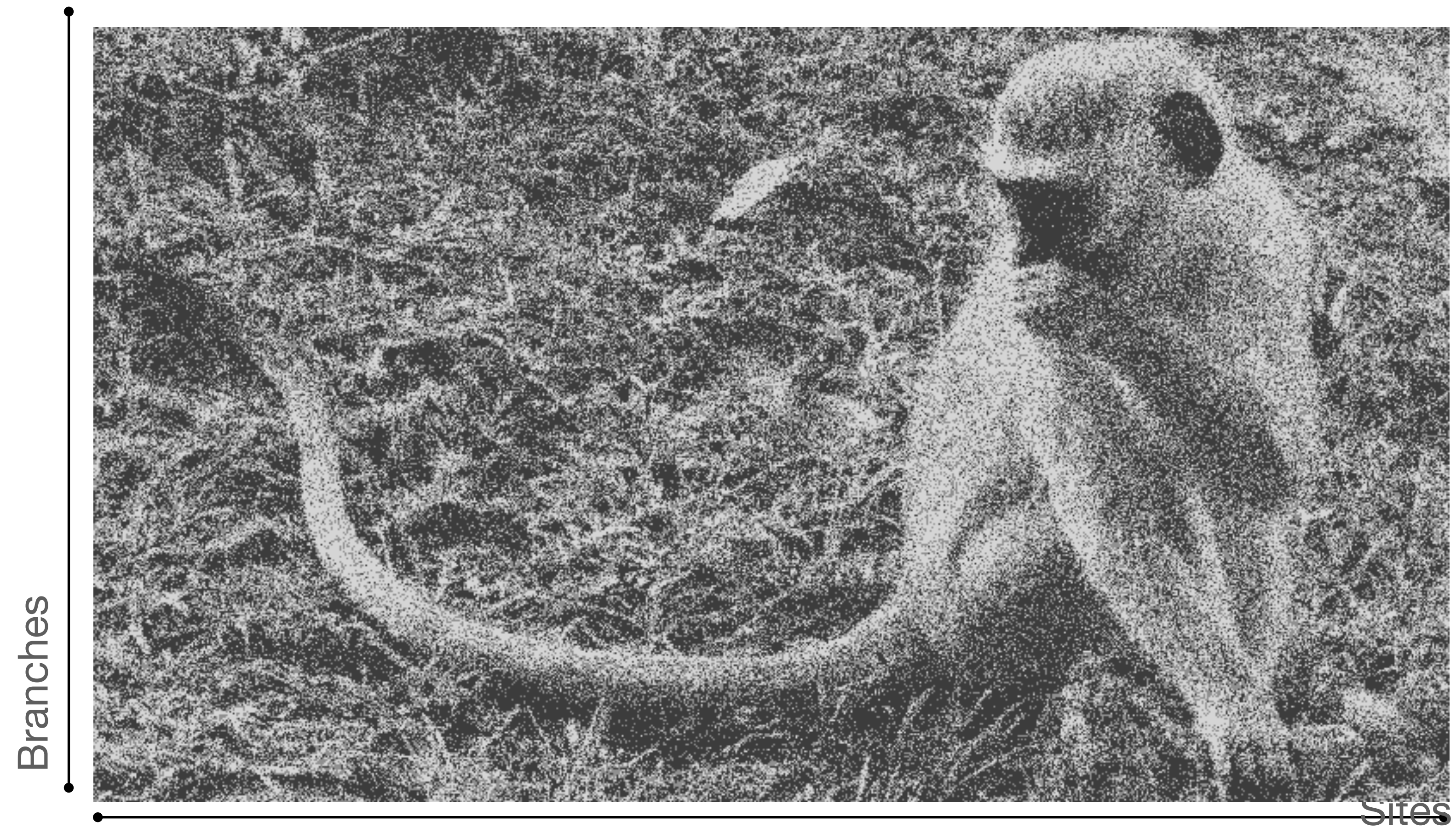
3

3



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**Figure 1.** Empirical Bayes Factors for  $\omega > 1$  at a particular branch and site (only tested branches are included).

