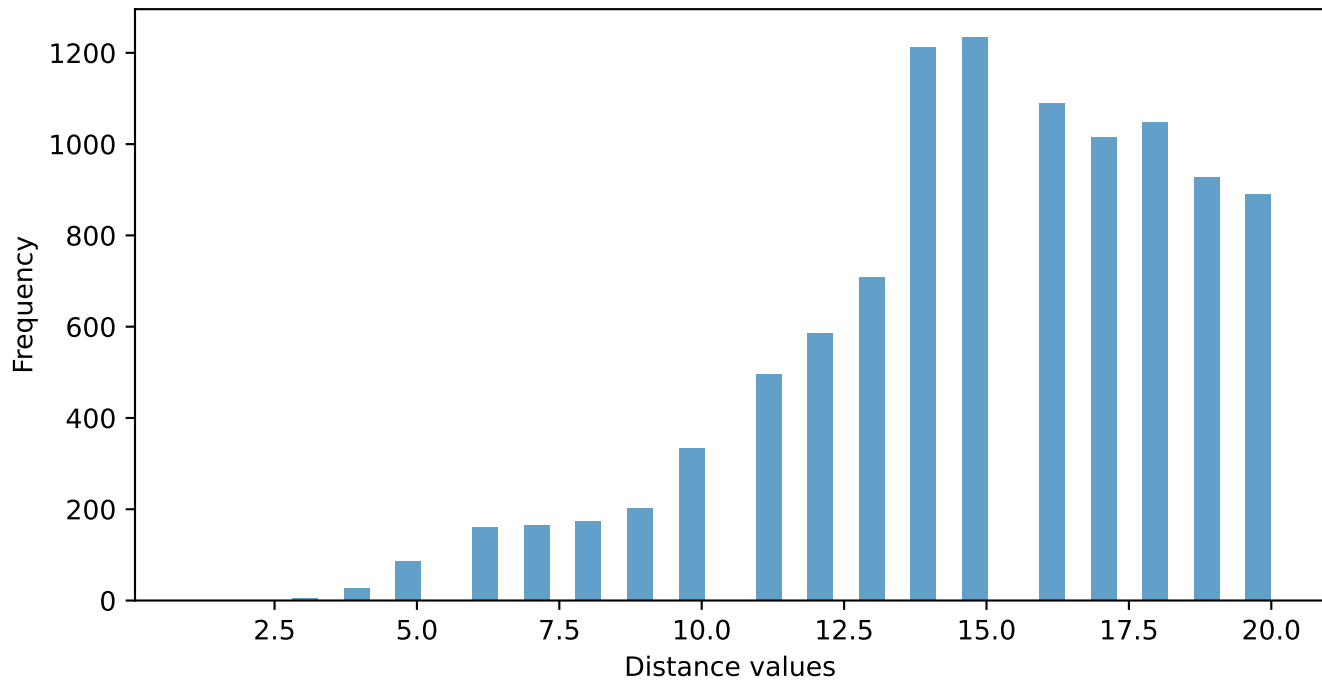
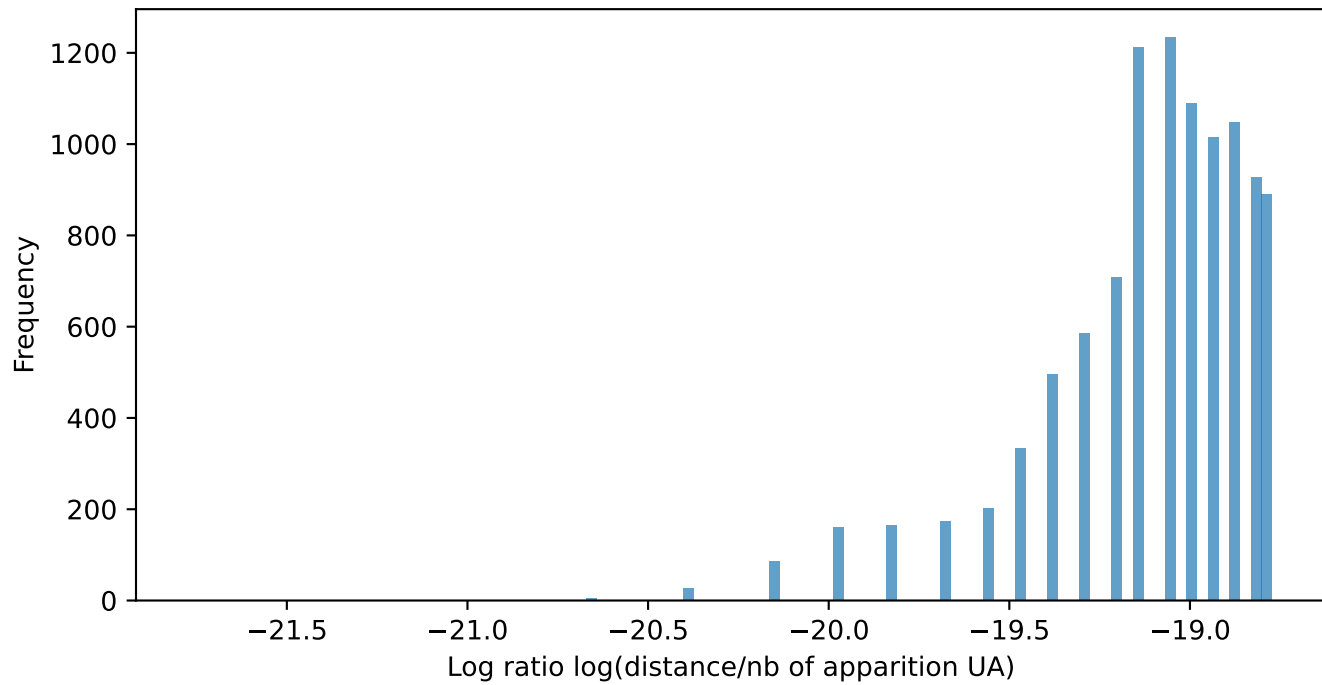


Ditribution histogram for UA



Log ratio distribution for UA



For the pairs of nucleotide : UA

■ for the distance of : 19 :

■ ■ The observed probability = 0.08939247830279654

■ ■ The reference frequency = 0.8

■ ■ The score = 2.1915751843435083

■ for the distance of : 18 :

■ ■ The observed probability = 0.10106075216972035

■ ■ The reference frequency = 0.8

■ ■ The score = 2.068889885028376

■ for the distance of : 17 :

■ ■ The observed probability = 0.09787849566055931

■ ■ The reference frequency = 0.8

■ ■ The score = 2.1008848584334756

■ for the distance of : 16 :

■ ■ The observed probability = 0.1051108968177435

■ ■ The reference frequency = 0.8

■ ■ The score = 2.029595774686174

■ for the distance of : 14 :

■ ■ The observed probability = 0.11697203471552556

■ ■ The reference frequency = 0.8

■ ■ The score = 1.9226768409653132

■ for the distance of : 12 :

■ ■ The observed probability = 0.05660559305689489

■ ■ The reference frequency = 0.8

■ ■ The score = 2.648503930081267

■ for the distance of : 11 :

■ ■ The observed probability = 0.047926711668273864

■ ■ The reference frequency = 0.8

■ ■ The score = 2.814938723812735

■ for the distance of : 9 :

■ ■ The observed probability = 0.019479267116682738

■ ■ The reference frequency = 0.8

■ ■ The score = 3.7152610525081586

■ for the distance of : 7 :

■ ■ The observed probability = 0.01600771456123433

■ ■ The reference frequency = 0.8

■ ■ The score = 3.91154096155282

■ for the distance of : 15 :

■ ■ The observed probability = 0.11899710703953713

■ ■ The reference frequency = 0.8

■ ■ The score = 1.9055125454440303

■ for the distance of : 20 :

■ ■ The observed probability = 0.085824493731919

■ ■ The reference frequency = 0.8

■ ■ The score = 2.2323072871831777

■ for the distance of : 1 :

■ ■ The observed probability = 9.643201542912247e-05

■ ■ The reference frequency = 0.5

■ ■ The score = 8.553525120663627

■ for the distance of : 5 :

■ ■ The observed probability = 0.008293153326904532

■ ■ The reference frequency = 0.8

■ ■ The score = 4.5691814536558555

■ for the distance of : 13 :

■ ■ The observed probability = 0.06837029893924783

■ ■ The reference frequency = 0.8

■ ■ The score = 2.459673223377236

■ for the distance of : 8 :

■ ■ The observed probability = 0.016875602700096432

■ ■ The reference frequency = 0.8

■ ■ The score = 3.8587427759858492

■ for the distance of : 10 :

■ ■ The observed probability = 0.032208293153326906

■ ■ The reference frequency = 0.8

■ ■ The score = 3.212387756932663

■ for the distance of : 2 :

■ ■ The observed probability = 0.00019286403085824494

■ ■ The reference frequency = 0.8

■ ■ The score = 8.330381569349418

■ for the distance of : 6 :

■ ■ The observed probability = 0.015525554484088717

■ ■ The reference frequency = 0.8

■ ■ The score = 3.9421243849249

■ for the distance of : 4 :

■ ■ The observed probability = 0.002700096432015429

■ ■ The reference frequency = 0.8

■ ■ The score = 5.6913242397341595

■ for the distance of : 3 :

■ ■ The observed probability = 0.00048216007714561236

■ ■ The reference frequency = 0.8

■ ■ The score = 7.414090837475263