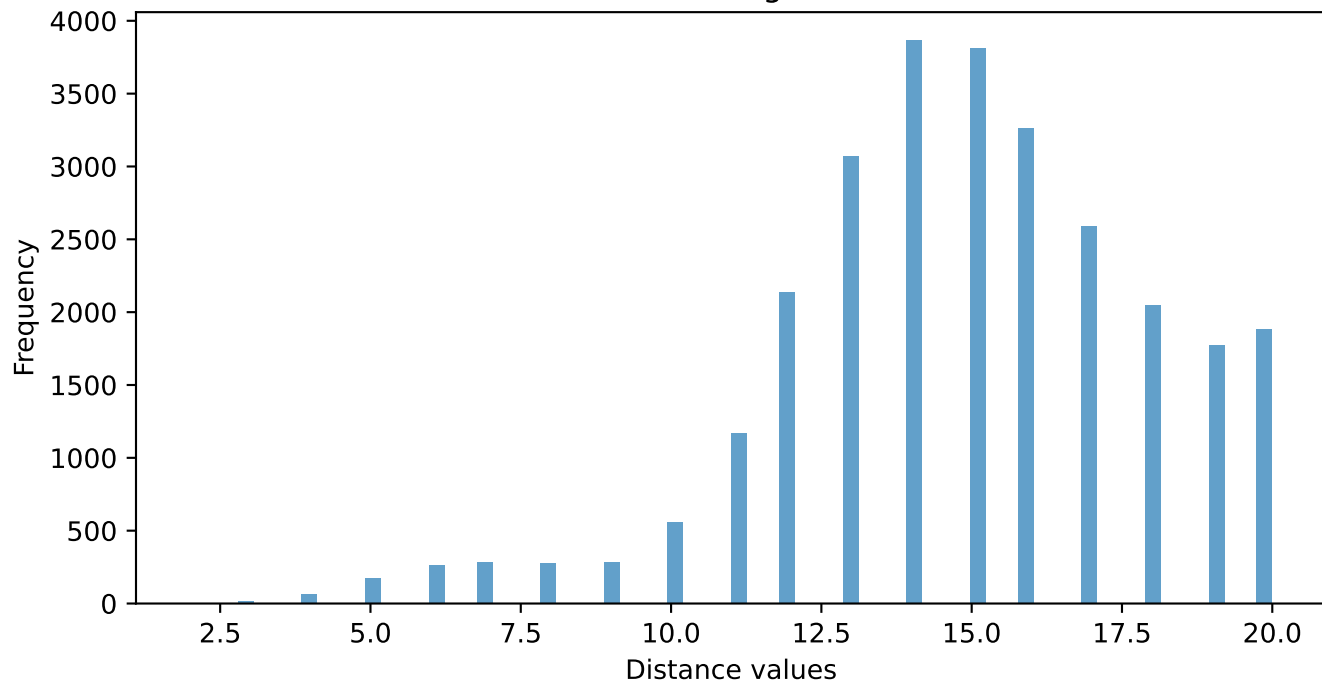
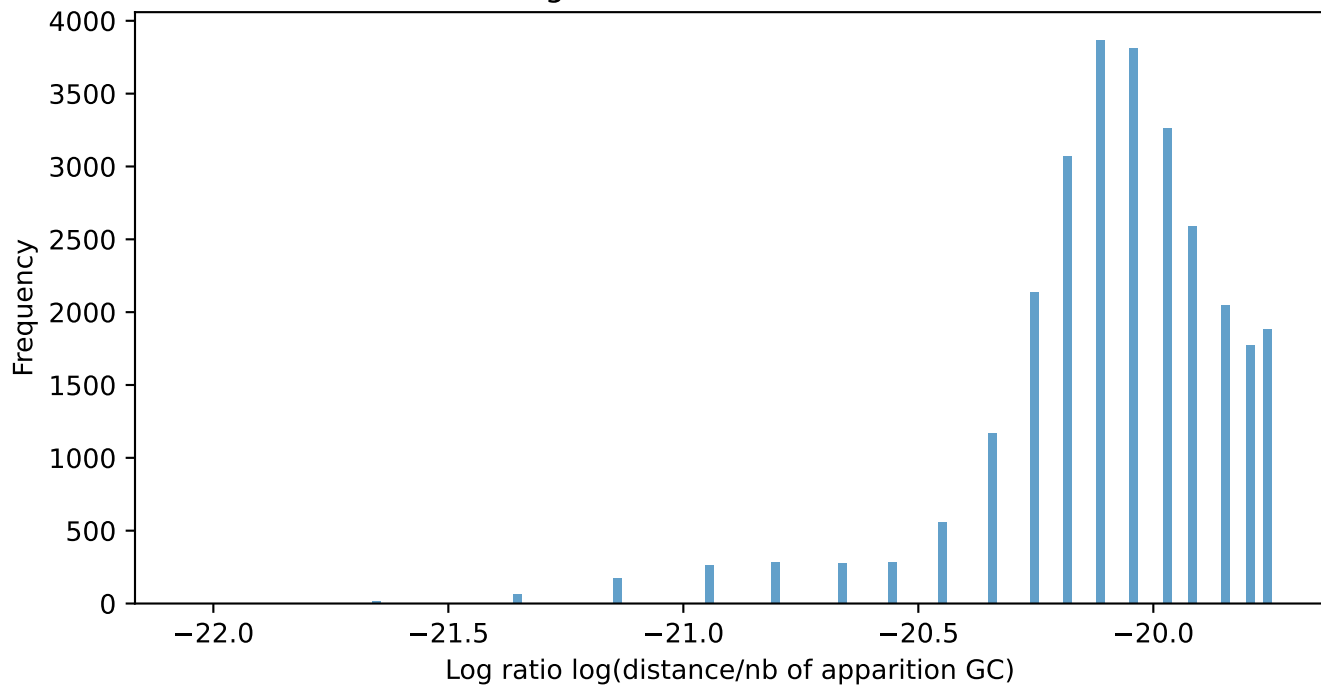


Ditribution histogram for GC



Log ratio distribution for GC



For the pairs of nucleotide : GC

■ for the distance of : 19 :

■ ■ The observed probability = 0.06443766790096565

■ ■ The reference frequency = 0.8

■ ■ The score = 2.5189133602535514

■ for the distance of : 18 :

■ ■ The observed probability = 0.07427575691570464

■ ■ The reference frequency = 0.8

■ ■ The score = 2.3768271156514955

■ for the distance of : 17 :

■ ■ The observed probability = 0.0940245407681696

■ ■ The reference frequency = 0.8

■ ■ The score = 2.141055907469484

■ for the distance of : 16 :

■ ■ The observed probability = 0.1183837943803093

■ ■ The reference frequency = 0.8

■ ■ The score = 1.9106798863737484

■ for the distance of : 14 :

■ ■ The observed probability = 0.14034705583387788

■ ■ The reference frequency = 0.8

■ ■ The score = 1.7404934023947911

■ for the distance of : 12 :

■ ■ The observed probability = 0.0775430189501198

■ ■ The reference frequency = 0.8

■ ■ The score = 2.333778862082982

■ for the distance of : 11 :

■ ■ The observed probability = 0.042438103535903576

■ ■ The reference frequency = 0.8

■ ■ The score = 2.936565100690999

■ for the distance of : 9 :

■ ■ The observed probability = 0.010273723952661004

■ ■ The reference frequency = 0.8

■ ■ The score = 4.35502216451983

■ for the distance of : 7 :

■ ■ The observed probability = 0.01041893559863501

■ ■ The reference frequency = 0.8

■ ■ The score = 4.340986846403446

■ for the distance of : 15 :

■ ■ The observed probability = 0.13835039570173527

■ ■ The reference frequency = 0.8

■ ■ The score = 1.7548221612892072

■ for the distance of : 20 :

■ ■ The observed probability = 0.06843098816525085

■ ■ The reference frequency = 0.8

■ ■ The score = 2.458785962280956

■ for the distance of : 5 :

■ ■ The observed probability = 0.006353009511362811

■ ■ The reference frequency = 0.8

■ ■ The score = 4.835683088239554

■ for the distance of : 13 :

■ ■ The observed probability = 0.11141363537355696

■ ■ The reference frequency = 0.8

■ ■ The score = 1.9713620075433311

■ for the distance of : 8 :

■ ■ The observed probability = 0.010164815218180499

■ ■ The reference frequency = 0.8

■ ■ The score = 4.365679458993817

■ for the distance of : 10 :

■ ■ The observed probability = 0.020365933347854498

■ ■ The reference frequency = 0.8

■ ■ The score = 3.670748156640371

■ for the distance of : 2 :

■ ■ The observed probability = 0.00010890873448050534

■ ■ The reference frequency = 0.8

■ ■ The score = 8.901856773494957

■ for the distance of : 6 :

■ ■ The observed probability = 0.00958396863428447

■ ■ The reference frequency = 0.8

■ ■ The score = 4.424519959016751

■ for the distance of : 4 :

■ ■ The observed probability = 0.0023959921585711176

■ ■ The reference frequency = 0.8

■ ■ The score = 5.810814320136641

■ for the distance of : 3 :

■ ■ The observed probability = 0.0006897553183765338

■ ■ The reference frequency = 0.8

■ ■ The score = 7.056030082996627