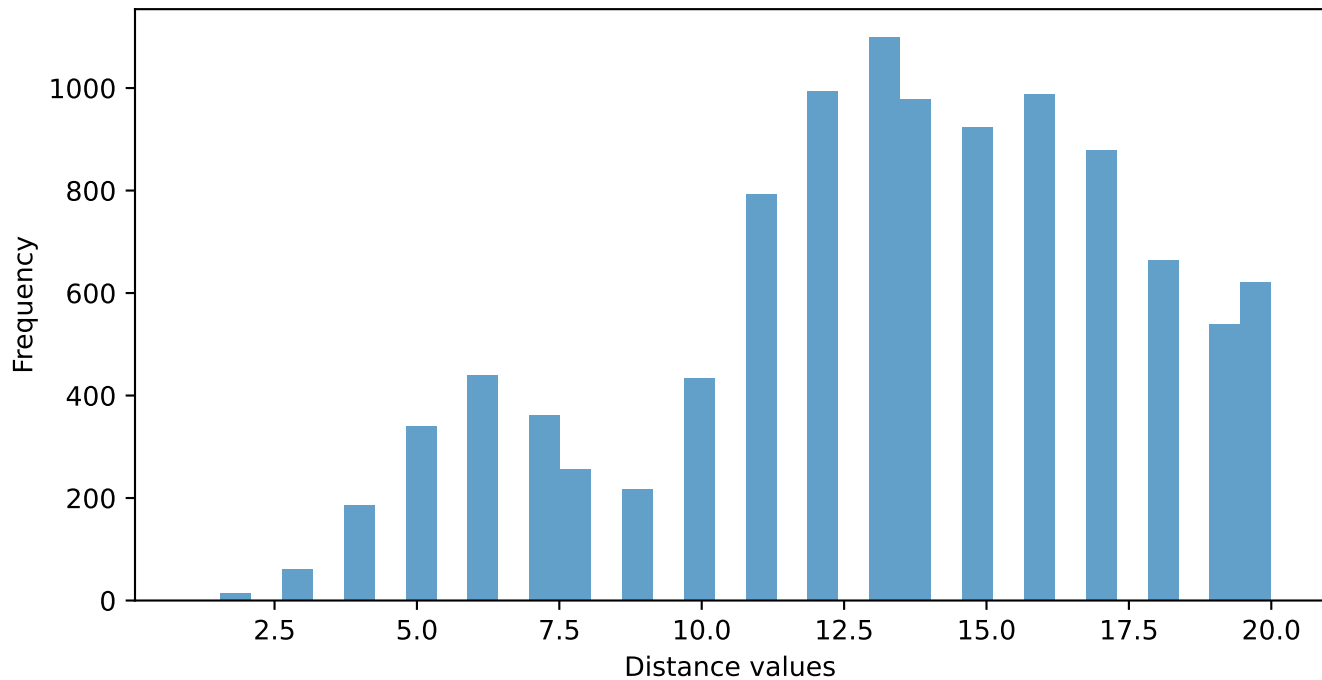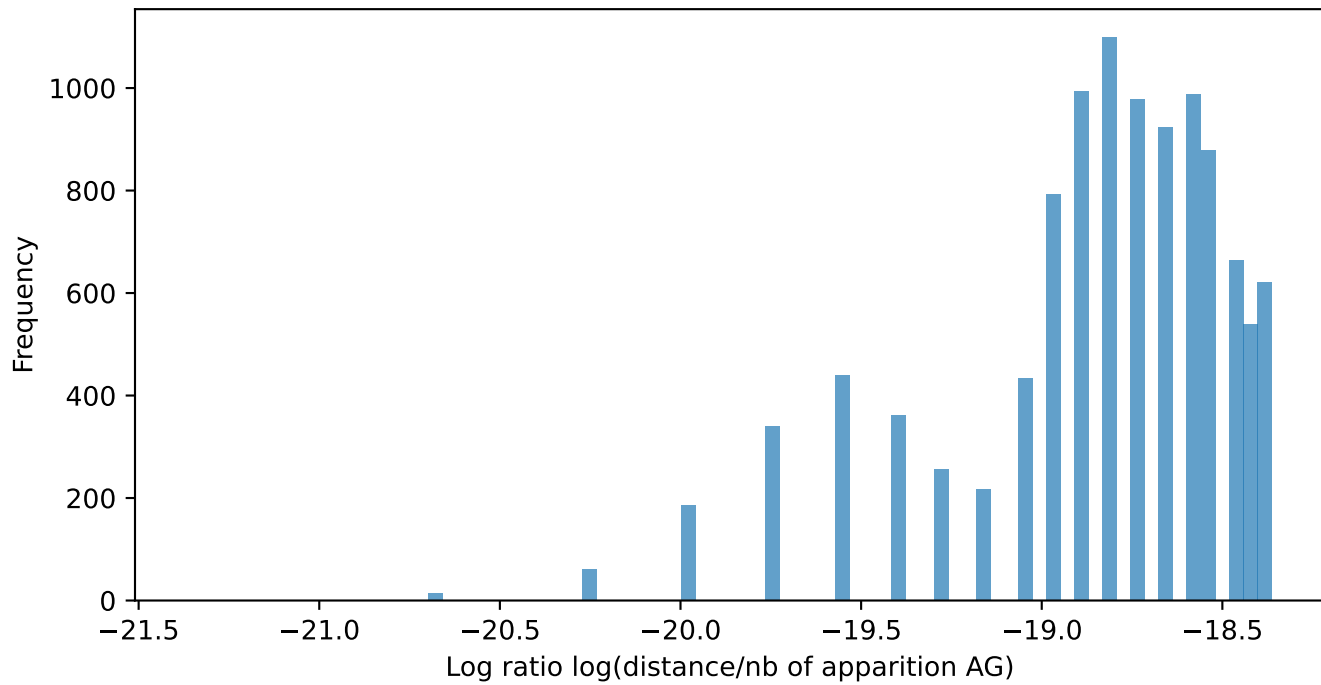Ditribution histogram for AG

Log ratio distribution for AG

For the pairs of nucleotide : AG

■ for the distance of : 19 :

■ ■ The observed probability = 0.04992127442808188

■ ■ The reference frequency = 0.5

■ ■ The score = 2.304160845278198

■ for the distance of : 14 :

■ ■ The observed probability = 0.09067333518569973

■ ■ The reference frequency = 0.5

■ ■ The score = 1.7073447736566847

■ for the distance of : 9 :

■ ■ The observed probability = 0.020190793739001574

■ ■ The reference frequency = 0.5

■ ■ The score = 3.209381353398106

■ for the distance of : 1 :

■ ■ The observed probability = $9.261831990367695 \times 10^{-05}$

■ ■ The reference frequency = 0.35

■ ■ The score = 8.237201472248463

■ for the distance of : 5 :

■ ■ The observed probability = 0.03158284708715384

■ ■ The reference frequency = 0.5

■ ■ The score = 2.7619939389036783

■ for the distance of : 11 :

■ ■ The observed probability = 0.0735389460035195

■ ■ The reference frequency = 0.5

■ ■ The score = 1.9167929549400593

■ for the distance of : 8 :

■ ■ The observed probability = 0.0237102898953413

■ ■ The reference frequency = 0.5

■ ■ The score = 3.0486989717076325

■ for the distance of : 2 :

■ ■ The observed probability = 0.0012966564786514772

■ ■ The reference frequency = 0.5

■ ■ The score = 5.954819086571937

■ for the distance of : 6 :

■ ■ The observed probability = 0.04075206075761786

■ ■ The reference frequency = 0.5

■ ■ The score = 2.5071016892748883

■ for the distance of : 20 :

■ ■ The observed probability = 0.05760859498008706

■ ■ The reference frequency = 0.5

■ ■ The score = 2.160936323448016

■ for the distance of : 16 :

■ ■ The observed probability = 0.0915995183847365

■ ■ The reference frequency = 0.5

■ ■ The score = 1.697182084564483

■ for the distance of : 10 :

■ ■ The observed probability = 0.040196350838195796

■ ■ The reference frequency = 0.5

■ ■ The score = 2.52083188208679

■ for the distance of : 17 :

■ ■ The observed probability = 0.08141150319533204

■ ■ The reference frequency = 0.5

■ ■ The score = 1.815091518502018

■ for the distance of : 12 :

■ ■ The observed probability = 0.09206260998425489

■ ■ The reference frequency = 0.5

■ ■ The score = 1.692139209530621

■ for the distance of : 4 :

■ ■ The observed probability = 0.01731962582198759

■ ■ The reference frequency = 0.5

■ ■ The score = 3.3627677993326084

■ for the distance of : 15 :

■ ■ The observed probability = 0.08548670927109382

■ ■ The reference frequency = 0.5

■ ■ The score = 1.766247181684343

■ for the distance of : 13 :

■ ■ The observed probability = 0.10178753357414097

■ ■ The reference frequency = 0.5

■ ■ The score = 1.5917204617835736

■ for the distance of : 3 :

■ ■ The observed probability = 0.005649717514124294

■ ■ The reference frequency = 0.5

■ ■ The score = 4.483002552013883

■ for the distance of : 7 :

■ ■ The observed probability = 0.03352783180513105

■ ■ The reference frequency = 0.5

■ ■ The score = 2.702232204361424

■ for the distance of : 18 :

■ ■ The observed probability = 0.06159118273594517

■ ■ The reference frequency = 0.5

■ ■ The score = 2.094089375531341