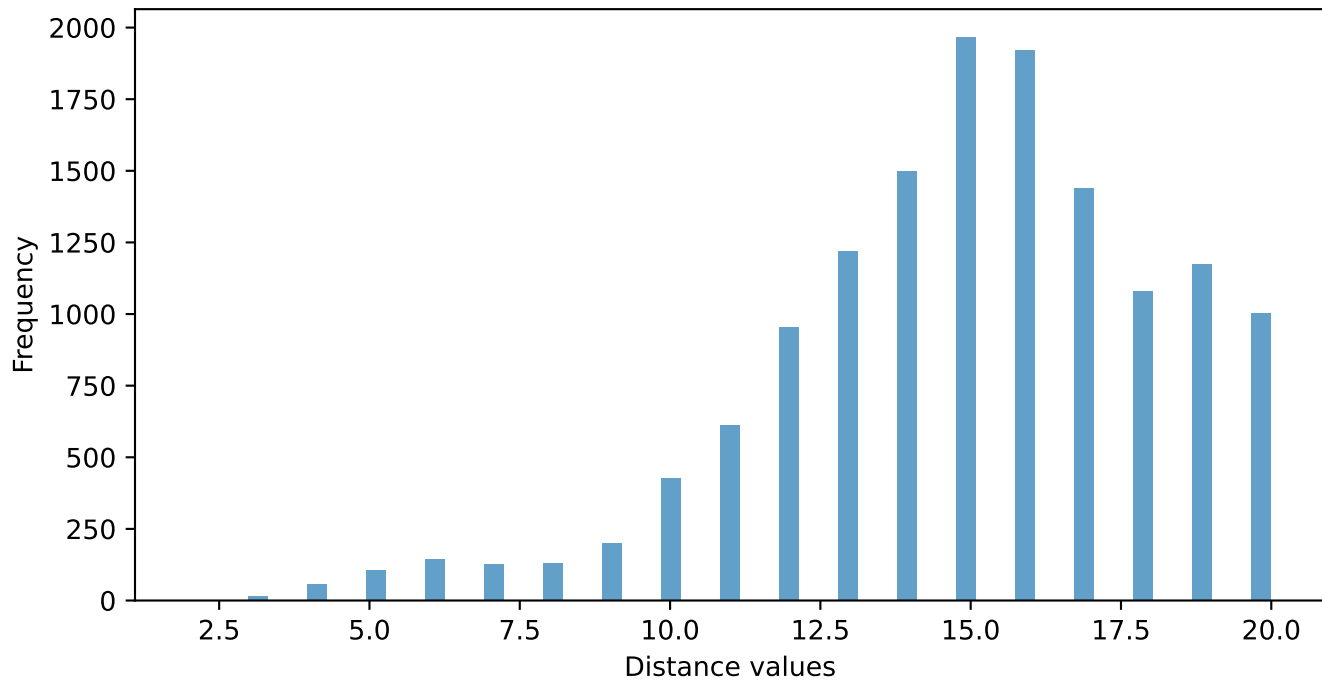
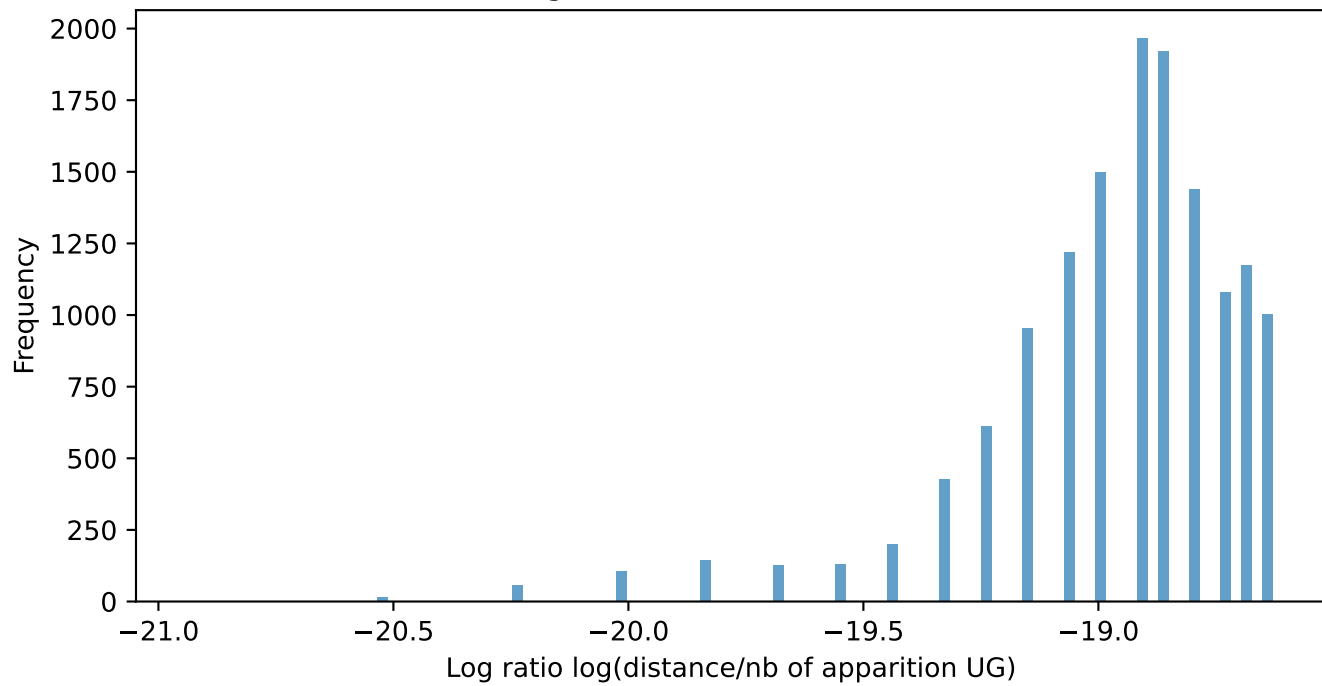


Ditribution histogram for UG



Log ratio distribution for UG



For the pairs of nucleotide : UG

■ for the distance of : 19 :

■ ■ The observed probability = 0.08331557639036863

■ ■ The reference frequency = 0.5

■ ■ The score = 1.7919725752491067

■ for the distance of : 14 :

■ ■ The observed probability = 0.10654165778819519

■ ■ The reference frequency = 0.5

■ ■ The score = 1.5460720368122807

■ for the distance of : 9 :

■ ■ The observed probability = 0.014134526599900561

■ ■ The reference frequency = 0.5

■ ■ The score = 3.5659875991780896

■ for the distance of : 5 :

■ ■ The observed probability = 0.007457916045173663

■ ■ The reference frequency = 0.5

■ ■ The score = 4.205332073745058

■ for the distance of : 11 :

■ ■ The observed probability = 0.043540024149442434

■ ■ The reference frequency = 0.5

■ ■ The score = 2.4409274879663707

■ for the distance of : 8 :

■ ■ The observed probability = 0.009375665885361177

■ ■ The reference frequency = 0.5

■ ■ The score = 3.9764905013162113

■ for the distance of : 2 :

■ ■ The observed probability = 7.102777185879679e-05

■ ■ The reference frequency = 0.5

■ ■ The score = 8.859292423902582

■ for the distance of : 6 :

■ ■ The observed probability = 0.010299026919525535

■ ■ The reference frequency = 0.5

■ ■ The score = 3.8825586814820077

■ for the distance of : 20 :

■ ■ The observed probability = 0.07116982740251439

■ ■ The reference frequency = 0.5

■ ■ The score = 1.949539142257772

■ for the distance of : 16 :

■ ■ The observed probability = 0.13637332196888985

■ ■ The reference frequency = 0.5

■ ■ The score = 1.2992119588807547

■ for the distance of : 10 :

■ ■ The observed probability = 0.030399886355565026

■ ■ The reference frequency = 0.5

■ ■ The score = 2.8001692283207853

■ for the distance of : 17 :

■ ■ The observed probability = 0.10220896370480859

■ ■ The reference frequency = 0.5

■ ■ The score = 1.587588717015214

■ for the distance of : 12 :

■ ■ The observed probability = 0.06776049435329214

■ ■ The reference frequency = 0.5

■ ■ The score = 1.9986287524542956

■ for the distance of : 4 :

■ ■ The observed probability = 0.00397755522409262

■ ■ The reference frequency = 0.5

■ ■ The score = 4.833940733167433

■ for the distance of : 15 :

■ ■ The observed probability = 0.1396405994743945

■ ■ The reference frequency = 0.5

■ ■ The score = 1.27553612319547

■ for the distance of : 13 :

■ ■ The observed probability = 0.08665388166773208

■ ■ The reference frequency = 0.5

■ ■ The score = 1.7526862861752799

■ for the distance of : 3 :

■ ■ The observed probability = 0.0011364443497407486

■ ■ The reference frequency = 0.5

■ ■ The score = 6.086703701662801

■ for the distance of : 7 :

■ ■ The observed probability = 0.009091554797925989

■ ■ The reference frequency = 0.5

■ ■ The score = 4.0072621599829645

■ for the distance of : 18 :

■ ■ The observed probability = 0.07685204915121813

■ ■ The reference frequency = 0.5

■ ■ The score = 1.8727259644961551