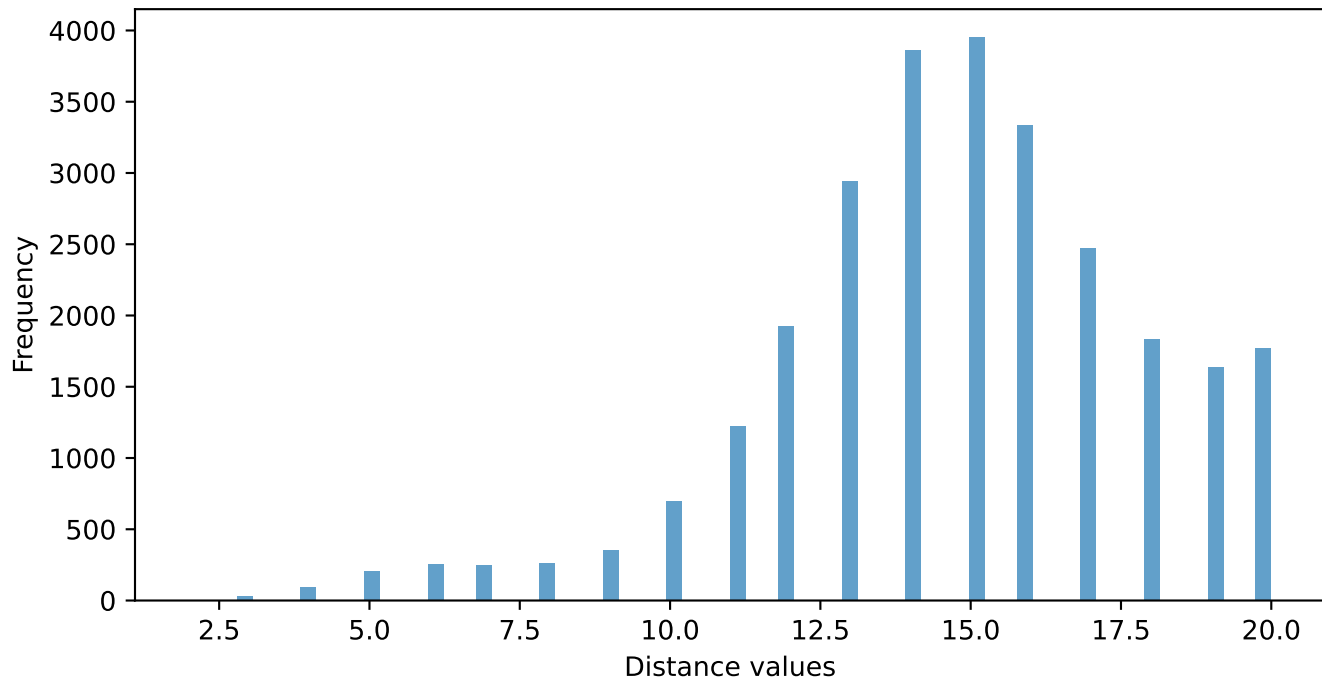
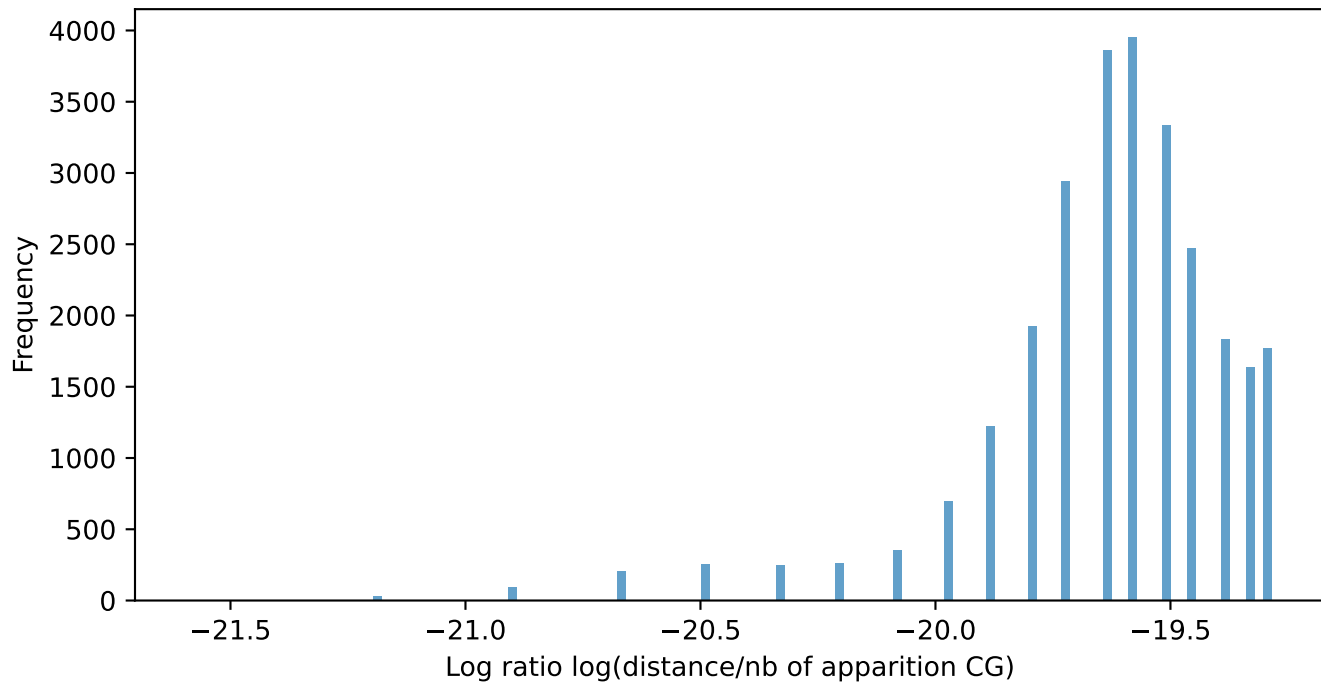


Ditribution histogram for CG



Log ratio distribution for CG



For the pairs of nucleotide : CG

■ for the distance of : 19 :

■ ■ The observed probability = 0.06029428034074566

■ ■ The reference frequency = 0.5

■ ■ The score = 2.1153708525752215

■ for the distance of : 14 :

■ ■ The observed probability = 0.14241988420547996

■ ■ The reference frequency = 0.5

■ ■ The score = 1.2558284729181155

■ for the distance of : 9 :

■ ■ The observed probability = 0.012980786960209463

■ ■ The reference frequency = 0.5

■ ■ The score = 3.6511377603084783

■ for the distance of : 5 :

■ ■ The observed probability = 0.007596710550577129

■ ■ The reference frequency = 0.5

■ ■ The score = 4.186892767116994

■ for the distance of : 11 :

■ ■ The observed probability = 0.04517461371095623

■ ■ The reference frequency = 0.5

■ ■ The score = 2.404072812927748

■ for the distance of : 8 :

■ ■ The observed probability = 0.009735590220157096

■ ■ The reference frequency = 0.5

■ ■ The score = 3.938819832760259

■ for the distance of : 2 :

■ ■ The observed probability = 0.0002212634140944795

■ ■ The reference frequency = 0.5

■ ■ The score = 7.72300946667852

■ for the distance of : 6 :

■ ■ The observed probability = 0.009329940627650551

■ ■ The reference frequency = 0.5

■ ■ The score = 3.981379447179055

■ for the distance of : 20 :
■ ■ The observed probability = 0.06523582992218903
■ ■ The reference frequency = 0.5
■ ■ The score = 2.03659924174679

■ for the distance of : 16 :
■ ■ The observed probability = 0.123059335472213
■ ■ The reference frequency = 0.5
■ ■ The score = 1.4019414571552014

■ for the distance of : 10 :
■ ■ The observed probability = 0.02581406497768927
■ ■ The reference frequency = 0.5
■ ■ The score = 2.9636886008631707

■ for the distance of : 17 :
■ ■ The observed probability = 0.09112364937124313
■ ■ The reference frequency = 0.5
■ ■ The score = 1.7023907299179653

■ for the distance of : 12 :
■ ■ The observed probability = 0.07095180145296309
■ ■ The reference frequency = 0.5
■ ■ The score = 1.9526073046809234

■ for the distance of : 4 :
■ ■ The observed probability = 0.0034664601541468452
■ ■ The reference frequency = 0.5
■ ■ The score = 4.971474153636572

■ for the distance of : 15 :
■ ■ The observed probability = 0.14573883541689714
■ ■ The reference frequency = 0.5
■ ■ The score = 1.2327918770388169

■ for the distance of : 13 :
■ ■ The observed probability = 0.108603459084707
■ ■ The reference frequency = 0.5
■ ■ The score = 1.5269048398208882

■ for the distance of : 3 :

■ ■ The observed probability = 0.0012538260132020503

■ ■ The reference frequency = 0.5

■ ■ The score = 5.988408411290414

■ for the distance of : 7 :

■ ■ The observed probability = 0.009293063391968137

■ ■ The reference frequency = 0.5

■ ■ The score = 3.985339848395152

■ for the distance of : 18 :

■ ■ The observed probability = 0.06770660471291072

■ ■ The reference frequency = 0.5

■ ■ The score = 1.9994243647261396