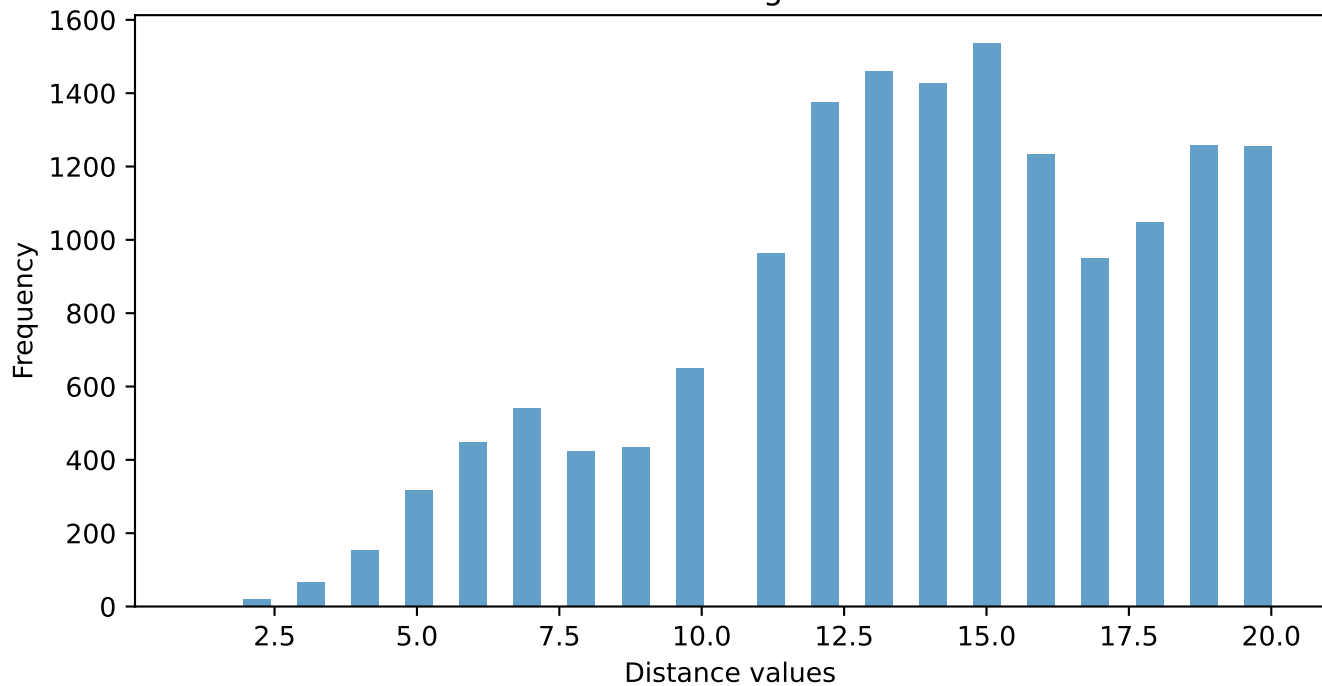
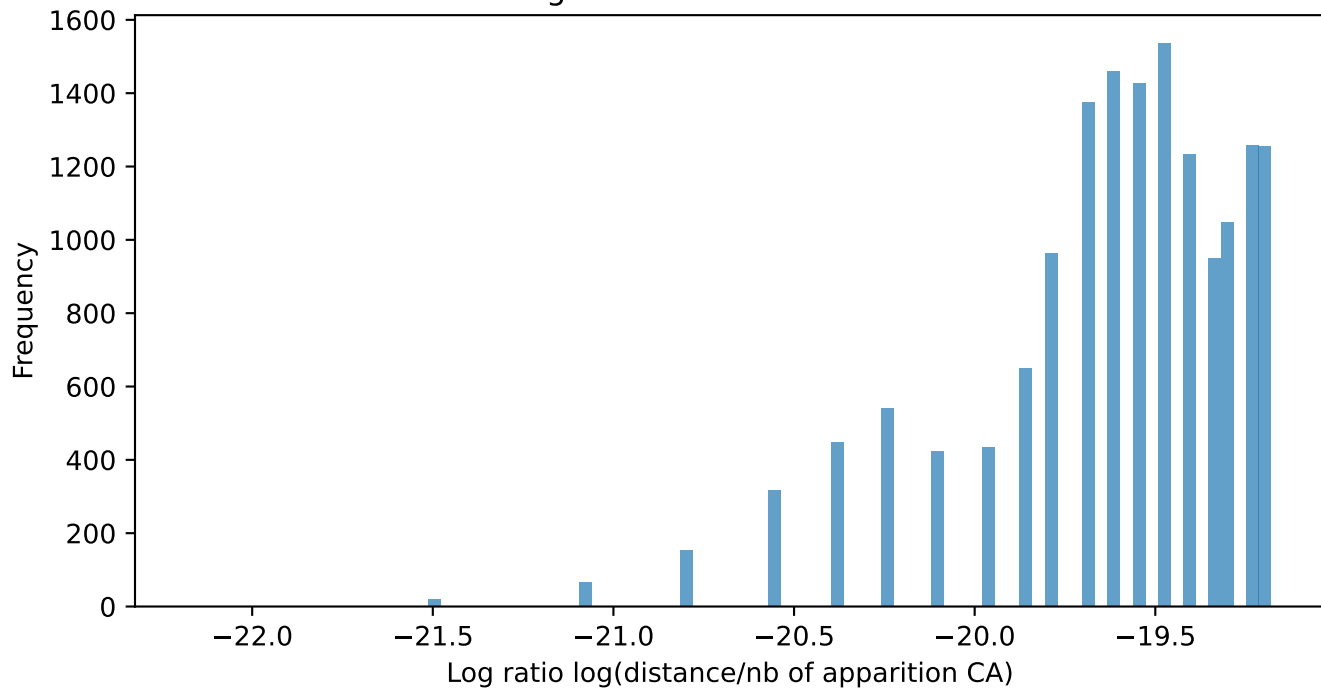


Ditribution histogram for CA



Log ratio distribution for CA



For the pairs of nucleotide : CA

■ for the distance of : 19 :

■ ■ The observed probability = 0.08089368258859785

■ ■ The reference frequency = 0.8

■ ■ The score = 2.291475995792302

■ for the distance of : 18 :

■ ■ The observed probability = 0.06741140215716487

■ ■ The reference frequency = 0.8

■ ■ The score = 2.473797552586257

■ for the distance of : 17 :

■ ■ The observed probability = 0.06105546995377504

■ ■ The reference frequency = 0.8

■ ■ The score = 2.5728289331924357

■ for the distance of : 16 :

■ ■ The observed probability = 0.07922444786851567

■ ■ The reference frequency = 0.8

■ ■ The score = 2.312326791272493

■ for the distance of : 14 :

■ ■ The observed probability = 0.091743708269132

■ ■ The reference frequency = 0.8

■ ■ The score = 2.1656128178079586

■ for the distance of : 12 :

■ ■ The observed probability = 0.08834103749357987

■ ■ The reference frequency = 0.8

■ ■ The score = 2.203406977244537

■ for the distance of : 11 :

■ ■ The observed probability = 0.06189008731381613

■ ■ The reference frequency = 0.8

■ ■ The score = 2.5592517011272804

■ for the distance of : 9 :

■ ■ The observed probability = 0.02792758089368259

■ ■ The reference frequency = 0.8

■ ■ The score = 3.3549969646491418

■ for the distance of : 7 :

■ ■ The observed probability = 0.03473292244478685

■ ■ The reference frequency = 0.8

■ ■ The score = 3.1369237168913444

■ for the distance of : 15 :

■ ■ The observed probability = 0.09861325115562404

■ ■ The reference frequency = 0.8

■ ■ The score = 2.0934060820302083

■ for the distance of : 20 :

■ ■ The observed probability = 0.08070107858243451

■ ■ The reference frequency = 0.8

■ ■ The score = 2.2938597871475785

■ for the distance of : 1 :

■ ■ The observed probability = 6.420133538777607e-05

■ ■ The reference frequency = 0.5

■ ■ The score = 8.96033936649209

■ for the distance of : 5 :

■ ■ The observed probability = 0.020480225988700564

■ ■ The reference frequency = 0.8

■ ■ The score = 3.6651518929529816

■ for the distance of : 13 :

■ ■ The observed probability = 0.09373394966615306

■ ■ The reference frequency = 0.8

■ ■ The score = 2.1441512810354437

■ for the distance of : 8 :

■ ■ The observed probability = 0.027157164869029277

■ ■ The reference frequency = 0.8

■ ■ The score = 3.382970816691548

■ for the distance of : 10 :

■ ■ The observed probability = 0.041730868002054444

■ ■ The reference frequency = 0.8

■ ■ The score = 2.953370632848143

■ for the distance of : 2 :

■ ■ The observed probability = 0.0012840267077555213

■ ■ The reference frequency = 0.8

■ ■ The score = 6.434610722183835

■ for the distance of : 6 :

■ ■ The observed probability = 0.028826399589111453

■ ■ The reference frequency = 0.8

■ ■ The score = 3.323320107995572

■ for the distance of : 4 :

■ ■ The observed probability = 0.00995120698510529

■ ■ The reference frequency = 0.8

■ ■ The score = 4.386917878818579

■ for the distance of : 3 :

■ ■ The observed probability = 0.00423728813559322

■ ■ The reference frequency = 0.8

■ ■ The score = 5.240688253711401