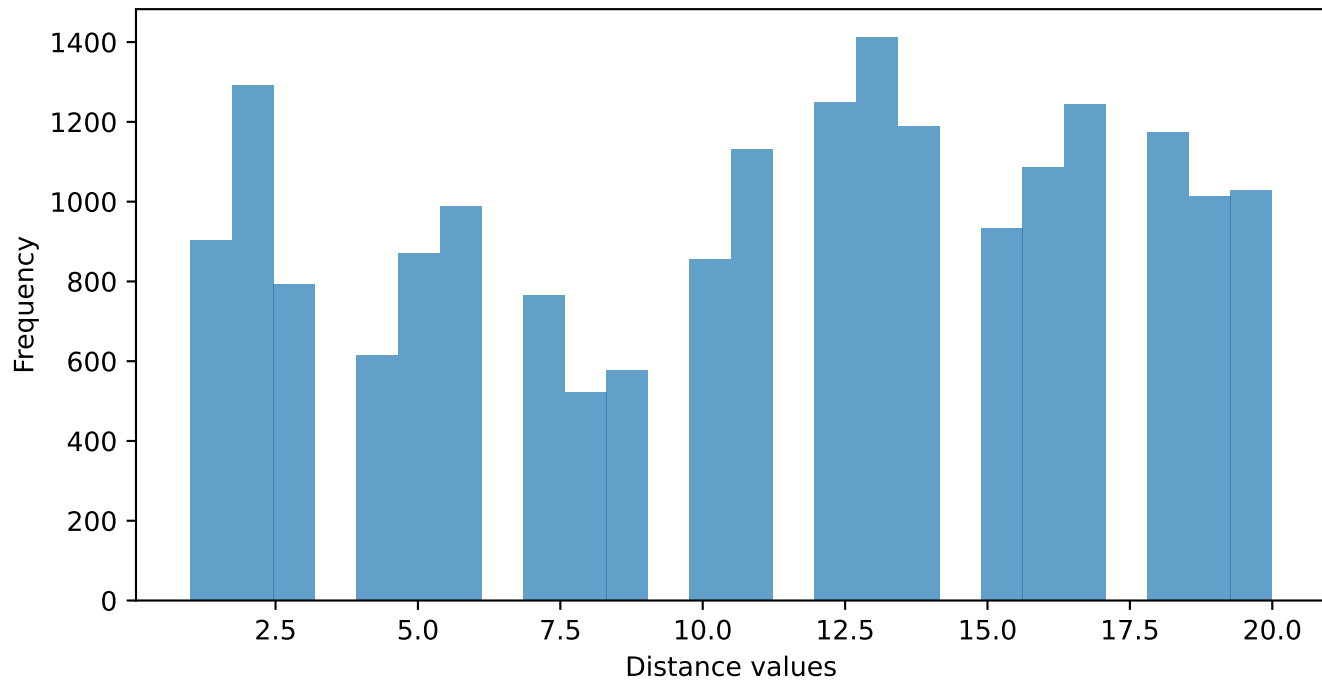
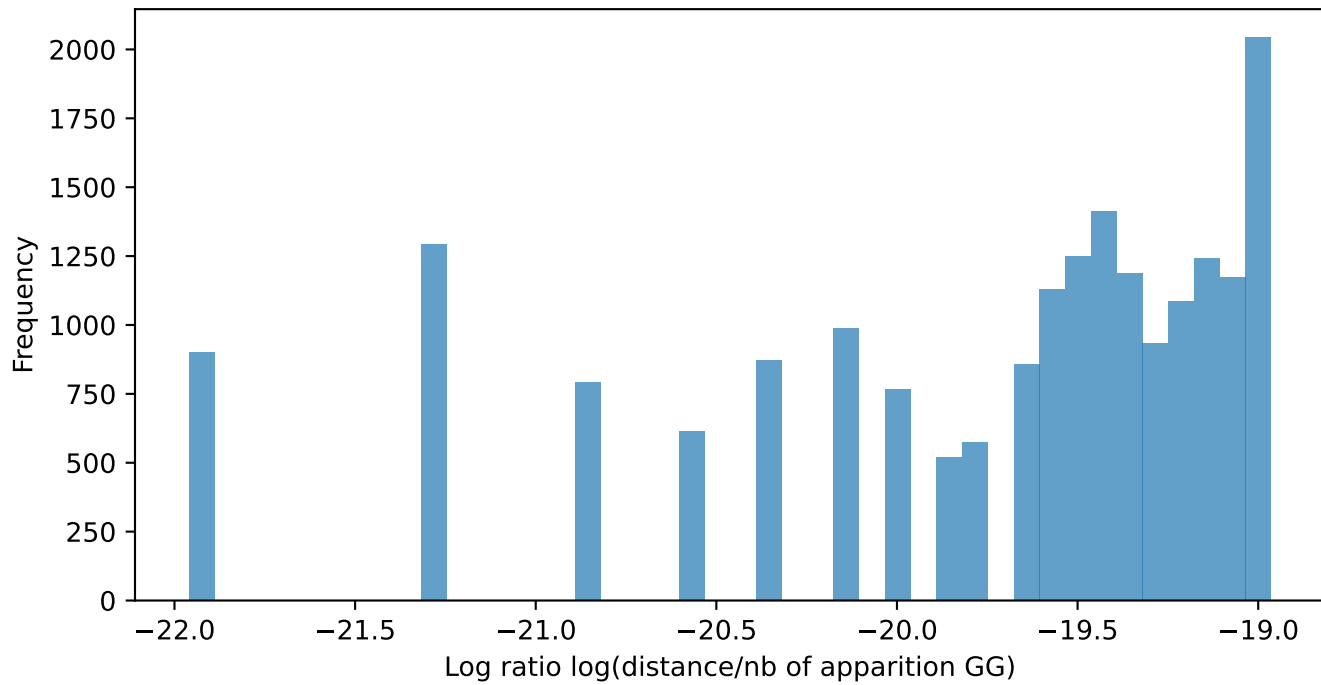


Ditribution histogram for GG



Log ratio distribution for GG



For the pairs of nucleotide : GG

■ for the distance of : 19 :

■ ■ The observed probability = 0.05158205310814935

■ ■ The reference frequency = 0.5

■ ■ The score = 2.271434294415501

■ for the distance of : 14 :

■ ■ The observed probability = 0.06053515108352833

■ ■ The reference frequency = 0.5

■ ■ The score = 2.1113838924610544

■ for the distance of : 9 :

■ ■ The observed probability = 0.029351917794282225

■ ■ The reference frequency = 0.5

■ ■ The score = 2.8352502120585297

■ for the distance of : 1 :

■ ■ The observed probability = 0.04593549699867738

■ ■ The reference frequency = 0.35

■ ■ The score = 2.0306949812109116

■ for the distance of : 5 :

■ ■ The observed probability = 0.04435853087801404

■ ■ The reference frequency = 0.5

■ ■ The score = 2.42230305465765

■ for the distance of : 11 :

■ ■ The observed probability = 0.05758469834164208

■ ■ The reference frequency = 0.5

■ ■ The score = 2.161351219803501

■ for the distance of : 8 :

■ ■ The observed probability = 0.026554074676976295

■ ■ The reference frequency = 0.5

■ ■ The score = 2.935424890683991

■ for the distance of : 2 :

■ ■ The observed probability = 0.06577474819411944

■ ■ The reference frequency = 0.5

■ ■ The score = 2.028372099794772

■ for the distance of : 6 :

■ ■ The observed probability = 0.05036117611150676

■ ■ The reference frequency = 0.5

■ ■ The score = 2.295387535437994

■ for the distance of : 20 :

■ ■ The observed probability = 0.05239597110591108

■ ■ The reference frequency = 0.5

■ ■ The score = 2.2557783973429477

■ for the distance of : 16 :

■ ■ The observed probability = 0.05524468409807712

■ ■ The reference frequency = 0.5

■ ■ The score = 2.2028359780727484

■ for the distance of : 10 :

■ ■ The observed probability = 0.04359548275511242

■ ■ The reference frequency = 0.5

■ ■ The score = 2.4396545599688495

■ for the distance of : 17 :

■ ■ The observed probability = 0.06328212432597416

■ ■ The reference frequency = 0.5

■ ■ The score = 2.0670052052675048

■ for the distance of : 12 :

■ ■ The observed probability = 0.06363821344999492

■ ■ The reference frequency = 0.5

■ ■ The score = 2.061393968099718

■ for the distance of : 4 :

■ ■ The observed probability = 0.031335842913826434

■ ■ The reference frequency = 0.5

■ ■ The score = 2.7698455150331096

■ for the distance of : 15 :

■ ■ The observed probability = 0.04746159324448062

■ ■ The reference frequency = 0.5

■ ■ The score = 2.3546872777192855

■ for the distance of : 13 :

■ ■ The observed probability = 0.07182826330247227

■ ■ The reference frequency = 0.5

■ ■ The score = 1.940330060513442

■ for the distance of : 3 :

■ ■ The observed probability = 0.040390680638925626

■ ■ The reference frequency = 0.5

■ ■ The score = 2.516009017319494

■ for the distance of : 7 :

■ ■ The observed probability = 0.03901719401770272

■ ■ The reference frequency = 0.5

■ ■ The score = 2.550605677199373

■ for the distance of : 18 :

■ ■ The observed probability = 0.05977210296062672

■ ■ The reference frequency = 0.5

■ ■ The score = 2.12406905198837