Bias-factorized ChromBPNet

Convolution
Residual Block x8
Dilated Convolution
Convolution
Frozen Bias Model
Dense
θ

Convolution
Residual Block x8
Dilated Convolution
Convolution
TF Model
Dense
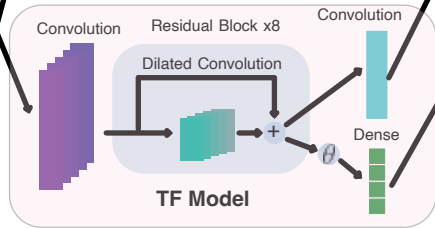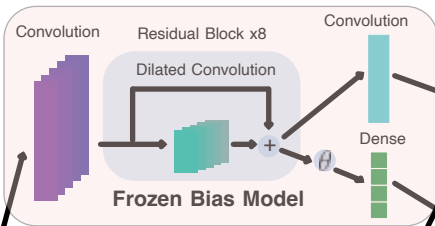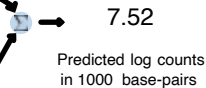θ

A C G T

Predicted base-resolution probabilities in 1000 base-pairs

7.52

Predicted log counts in 1000 base-pairs

+ Element-wise addition
θ Average pooling
Σ Log-Sum-Exp