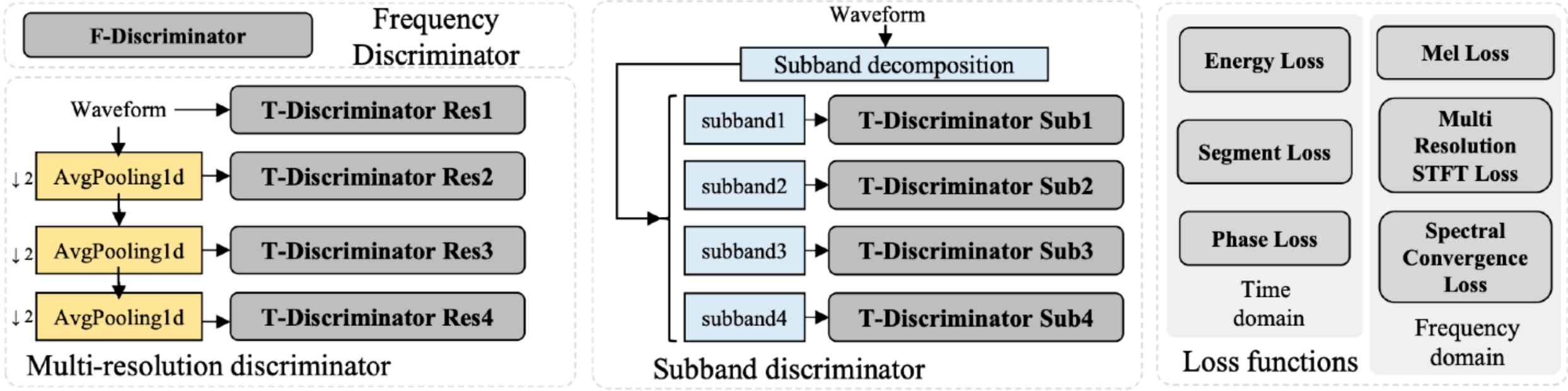
VoiceFixer

Synthesis Module - TFGAN Vocoder - Training

- The loss functions for generator include time domain losses L^T, frequency domain losses L^T, and discriminator loses L^D.

- Loss Function: $L_{syn} = L^T + L^F + \lambda_1 L^D$



Loss functions and discriminators

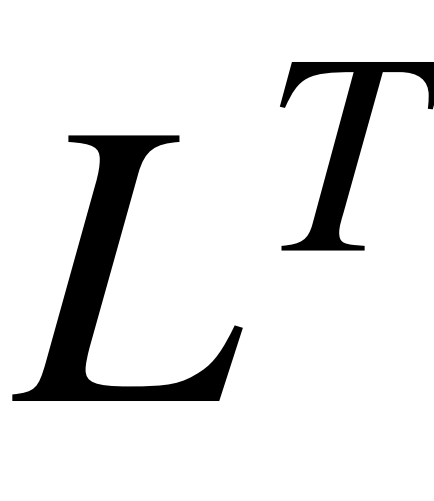
, and discriminator loses

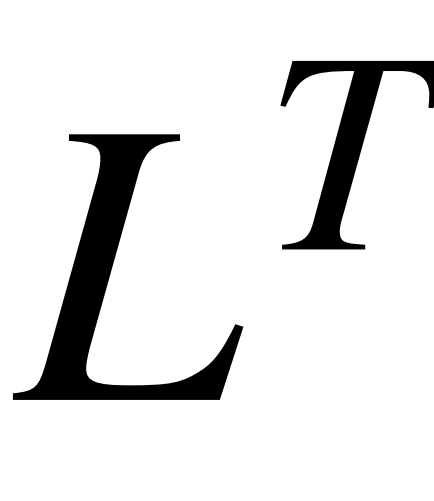
losses

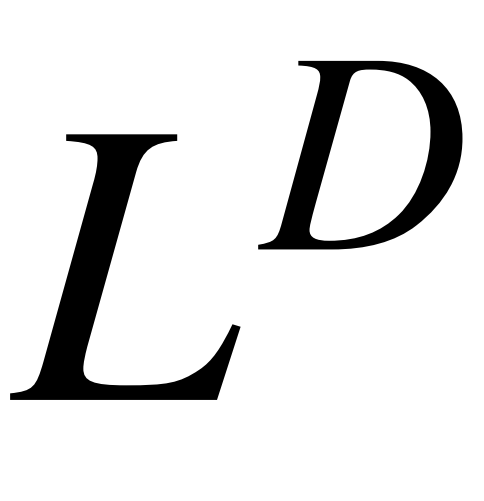
- The loss functions for generator include time domain losses

- Loss Function:

, frequency domain







$$L_{syn} = L^T + L^F + \lambda_1 L^D$$

TFGAN Vocoder - Training - Time Domain losses

k	1	2	3	4
frame-length	1	240	480	960
hop-length	1	120	240	480

Table.3 Windowing parameter for each k