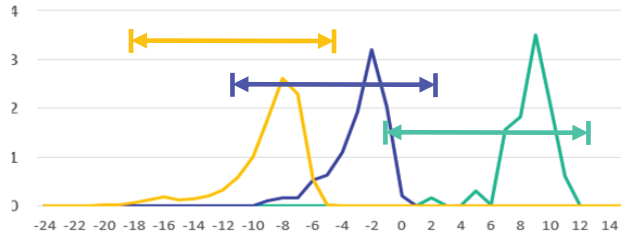


Input images

CNN model

Weight quantization phase

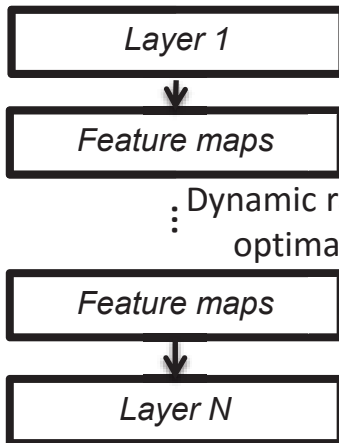
Weight dynamic range analysis



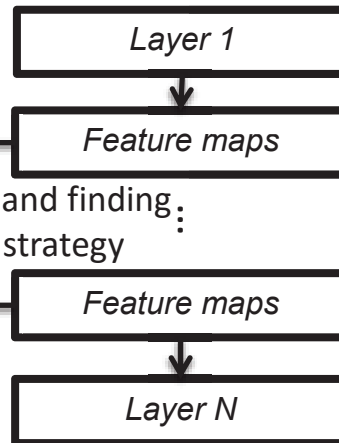
Weight quantization configuration

Data quantization phase

Fixed-point CNN model



Floating-point CNN model



∴ Dynamic range analysis and finding ∴
optimal quantization strategy

Weight and data quantization configuration