

**STANDARD COMPLIANT VIDEO CODING USING LOW COMPLEXITY, SWITCHABLE  
NEURAL WRAPPERS  
SUPPLEMENTARY MATERIAL**

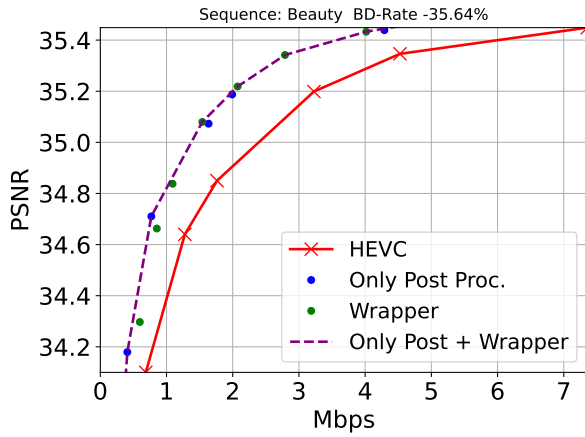
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\*New York University, Dept. Electrical and Computer Engineering, Brooklyn, NY, 11201, USA

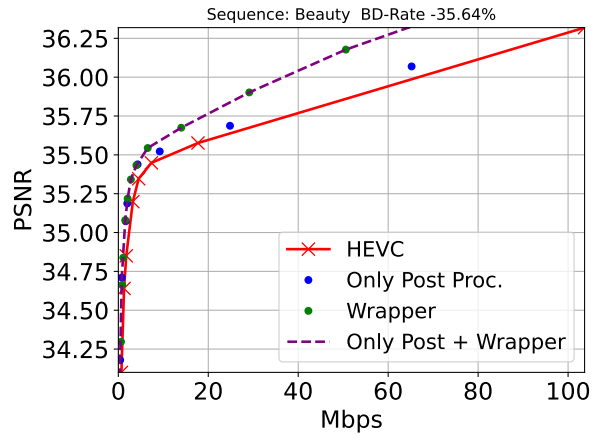
<sup>†</sup>Google LLC, 1600 Amphitheatre Parkway, Mountain View, CA, 94043, USA

# PART I

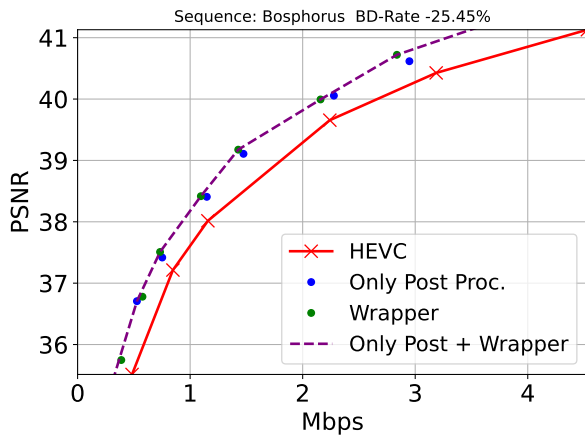
## Rate-Distortion Curves on UVG Dataset with HEVC



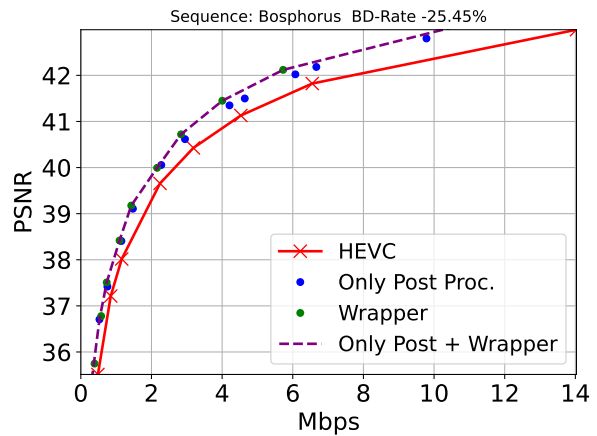
(a) Small range



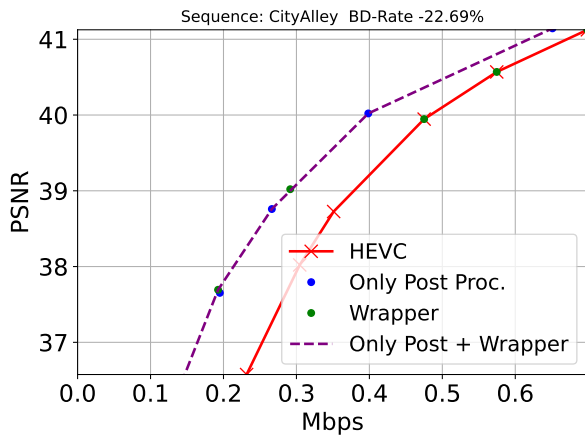
(b) Large range



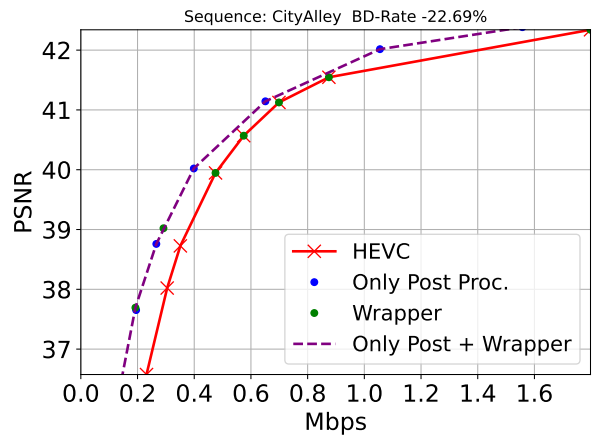
(a) Small range



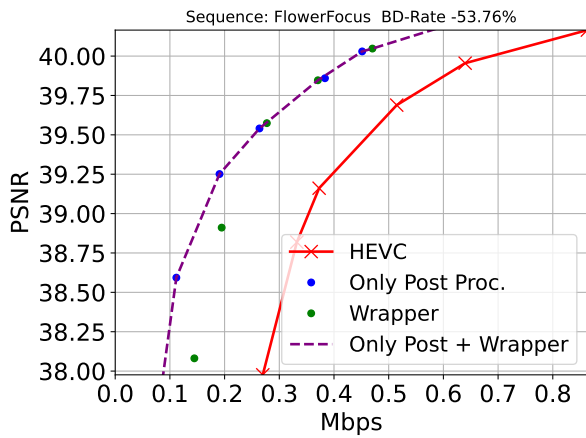
(b) Large range



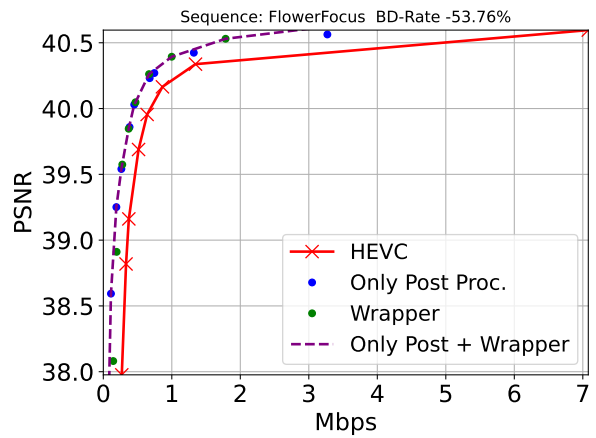
(a) Small range



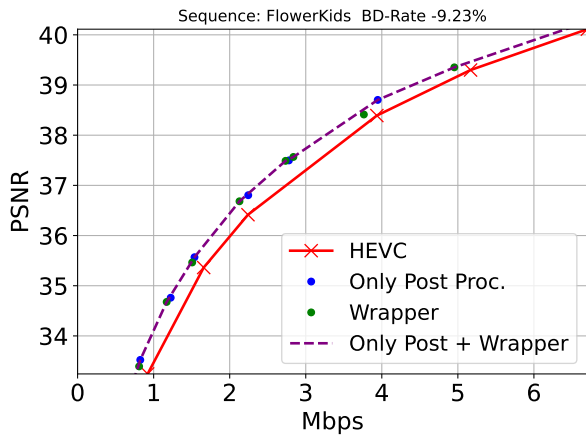
(b) Large range



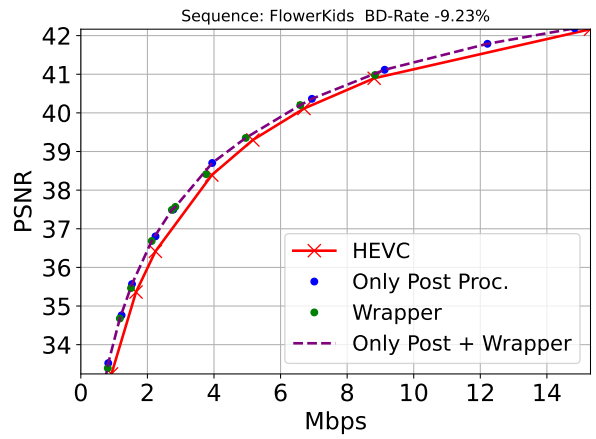
(a) Small range



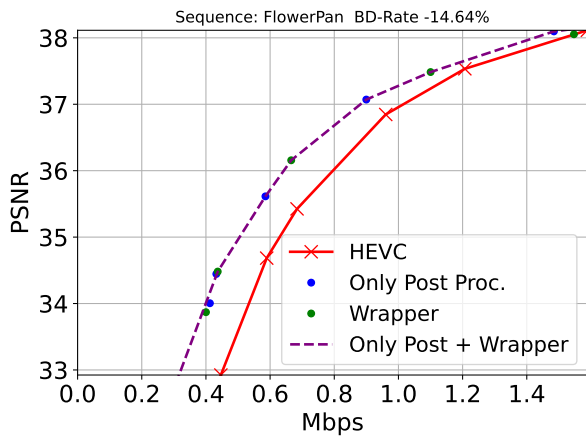
(b) Large range



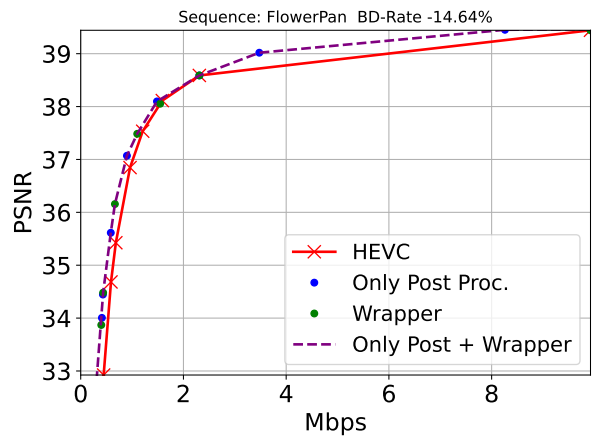
(a) Small range



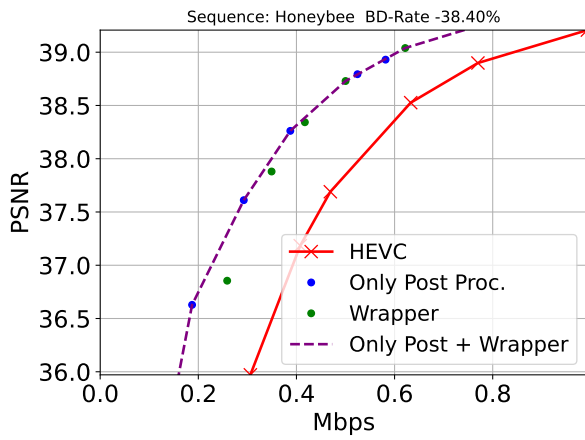
(b) Large range



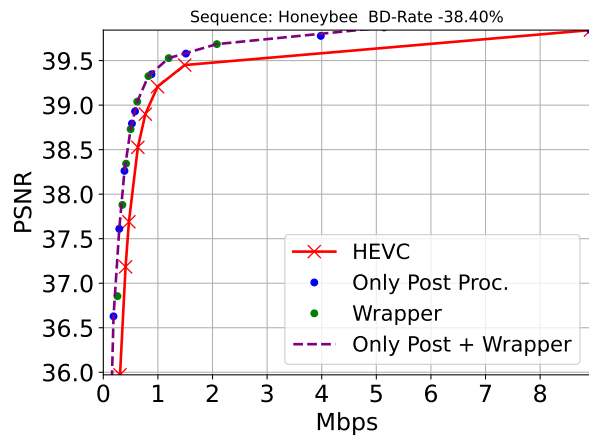
(a) Small range



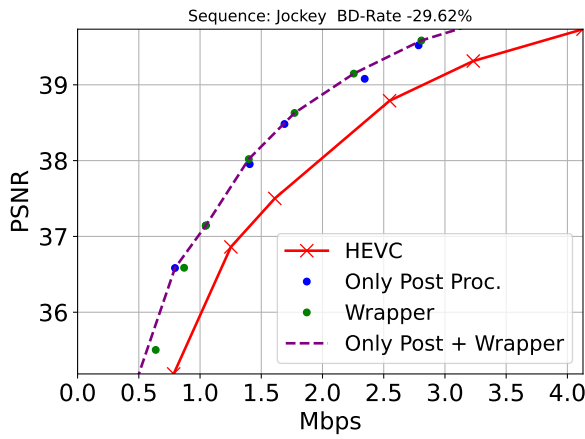
(b) Large range



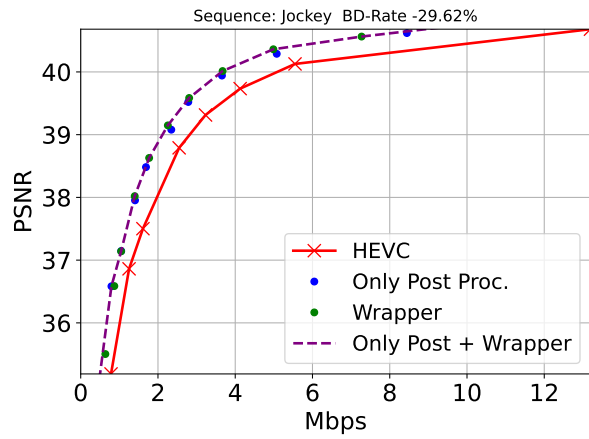
(a) Small range



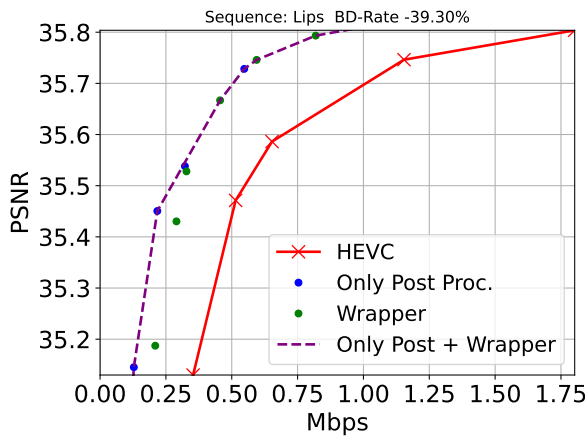
(b) Large range



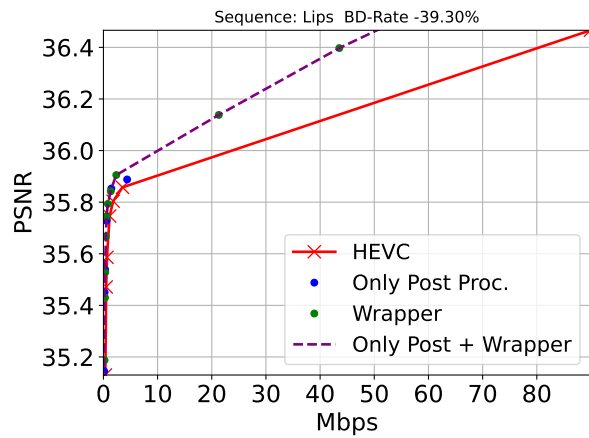
(a) Small range



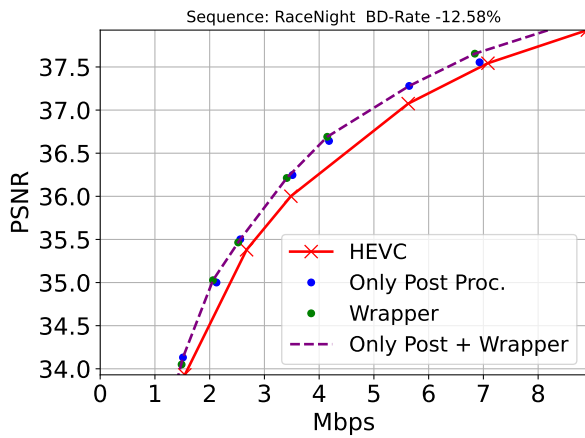
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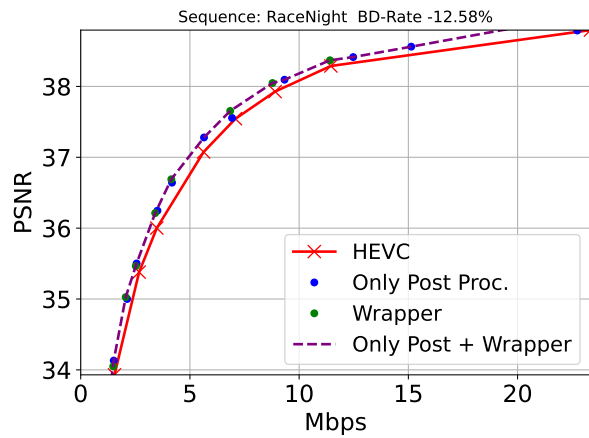
(a) Small range



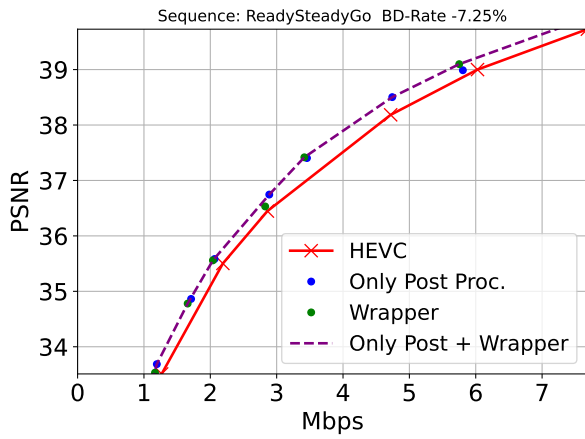
(b) Large range



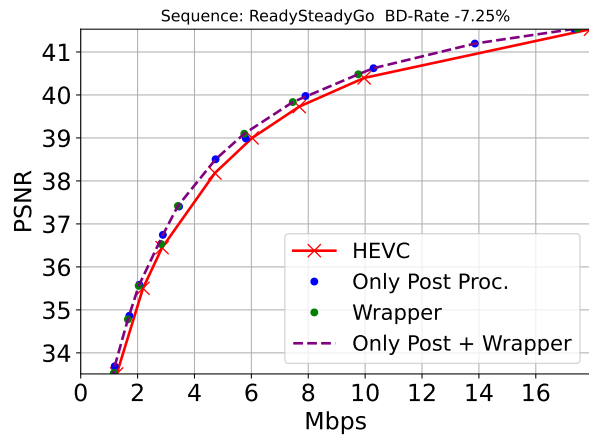
(a) Small range



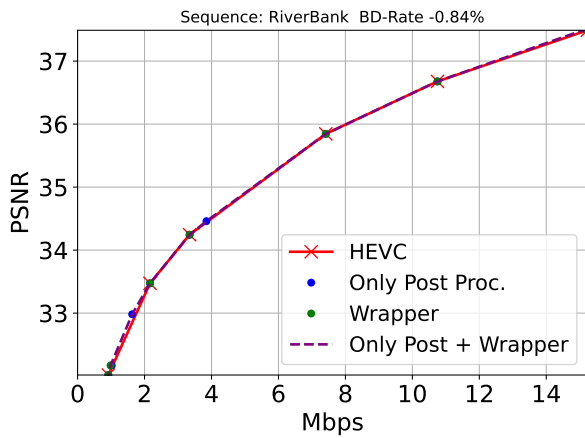
(b) Large range



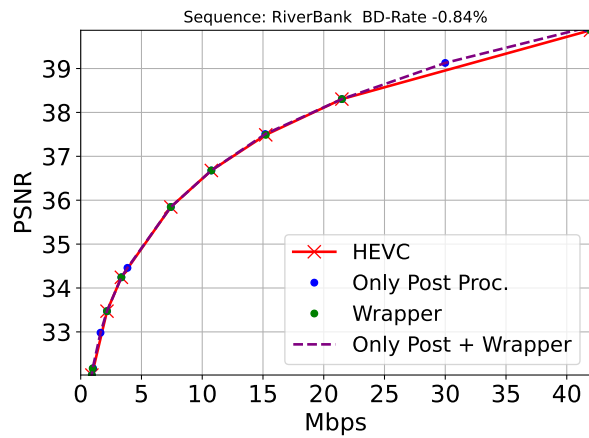
(a) Small range



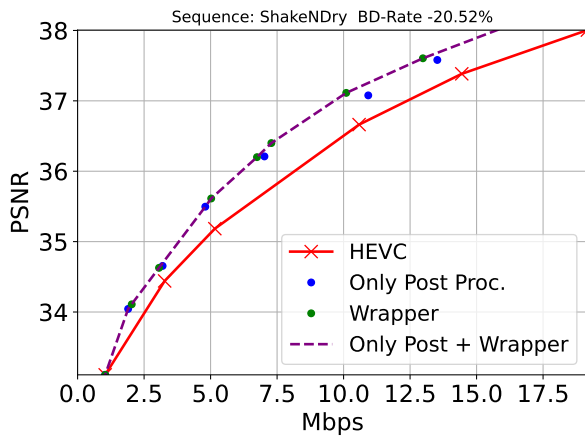
(b) Large range



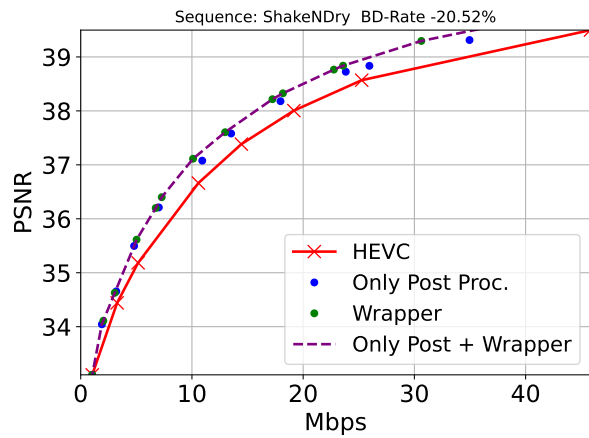
(a) Small range



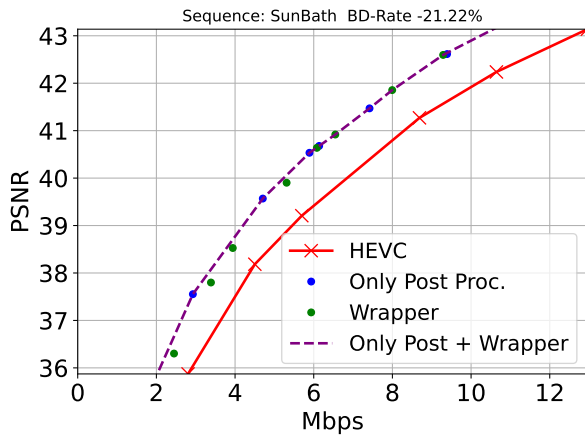
(b) Large range



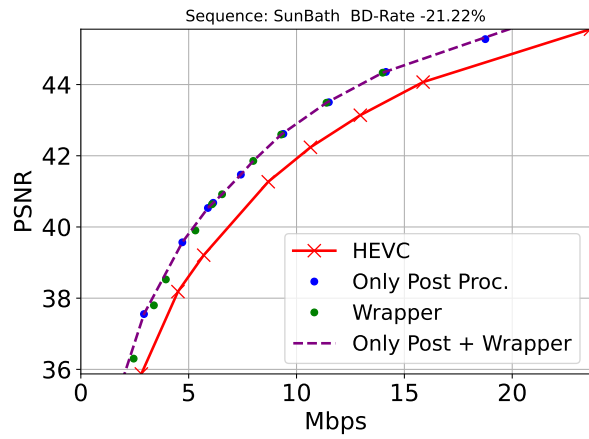
(a) Small range



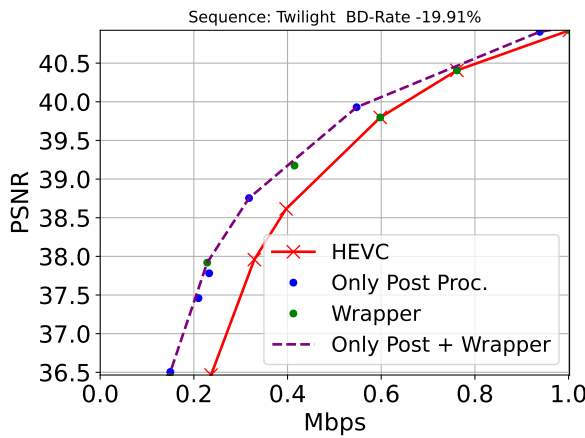
(b) Large range



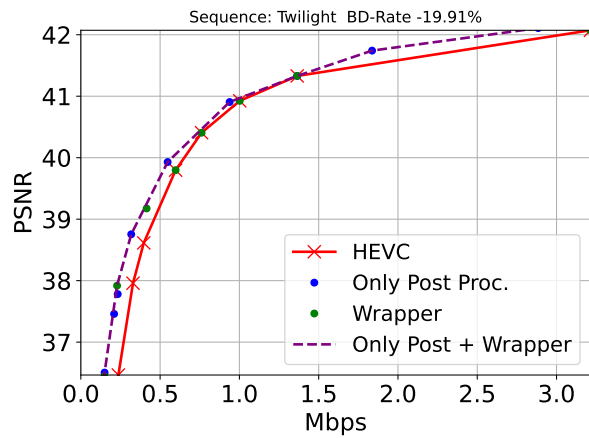
(a) Small range



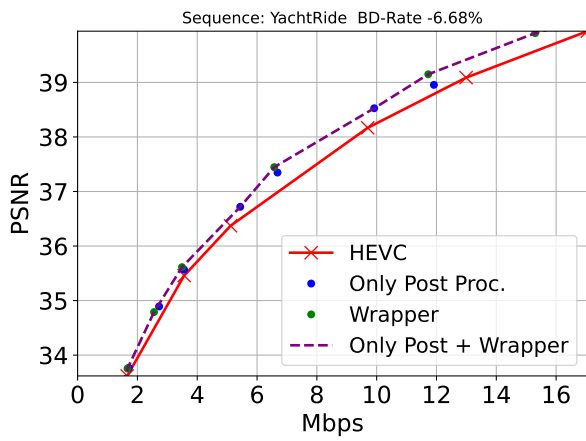
(b) Large range



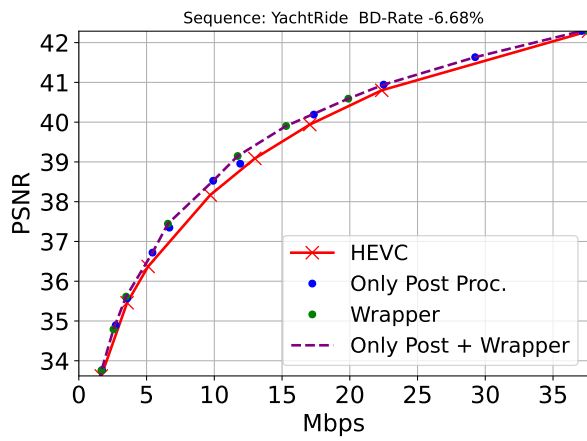
(a) Small range



(b) Large range



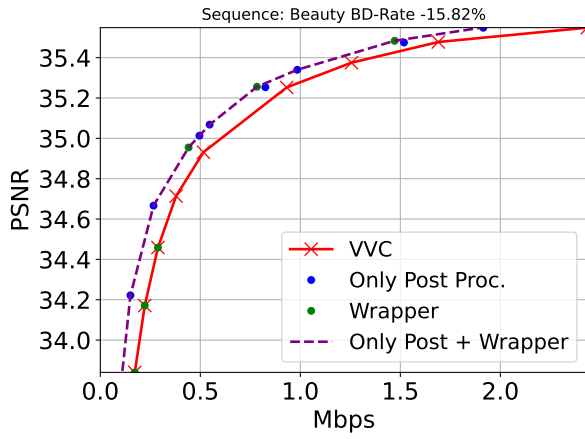
(a) Small range



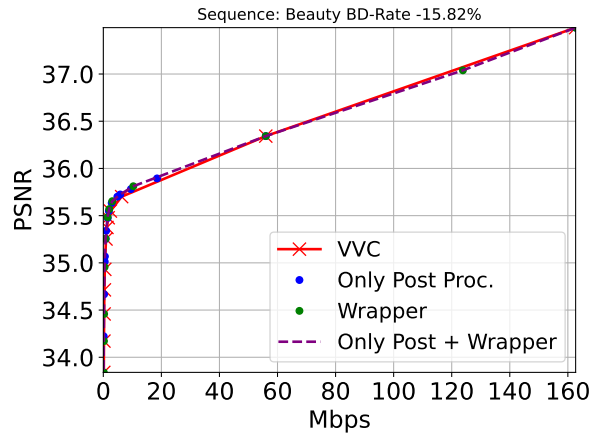
(b) Large range

# PART II

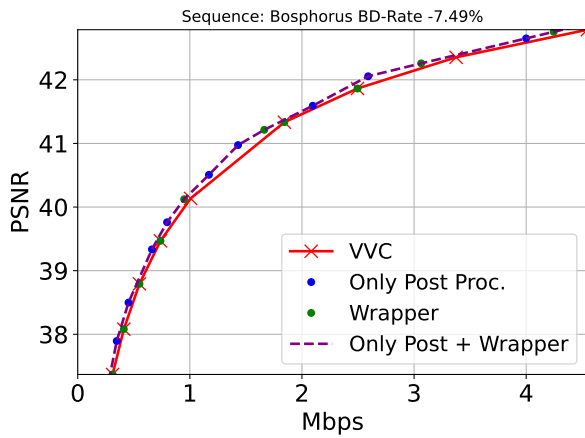
## Rate-Distortion Curves on UVG Dataset with VVC



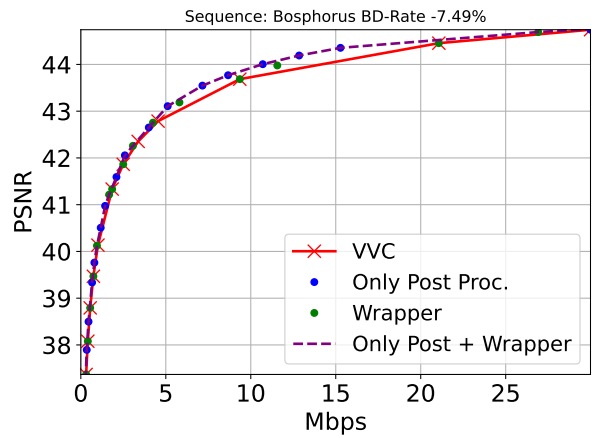
(a) Small range



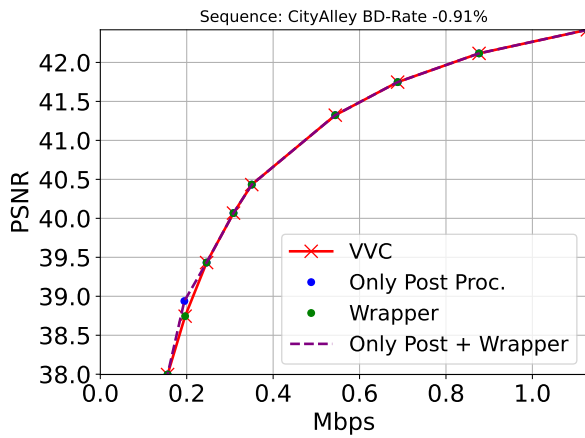
(b) Large range



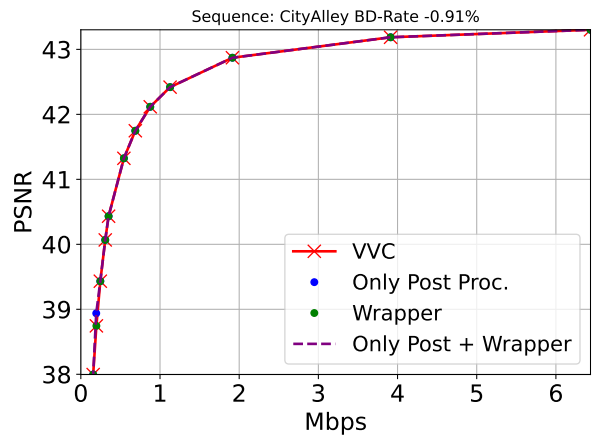
(a) Small range



(b) Large range

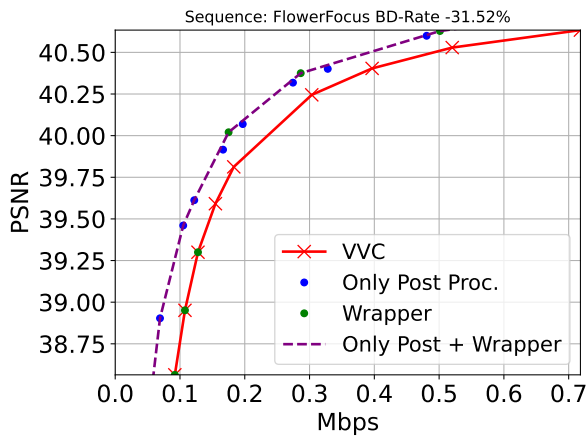


(a) Small range

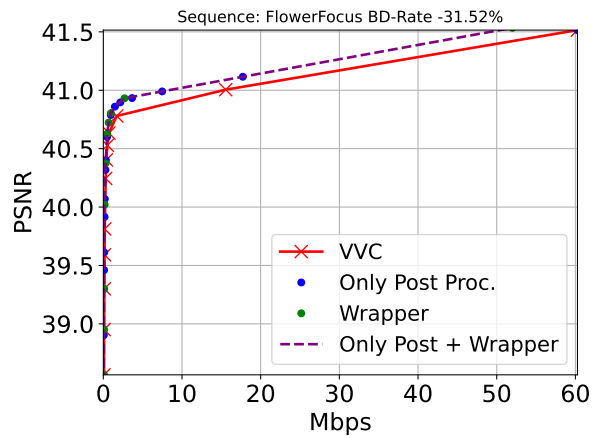


(b) Large range

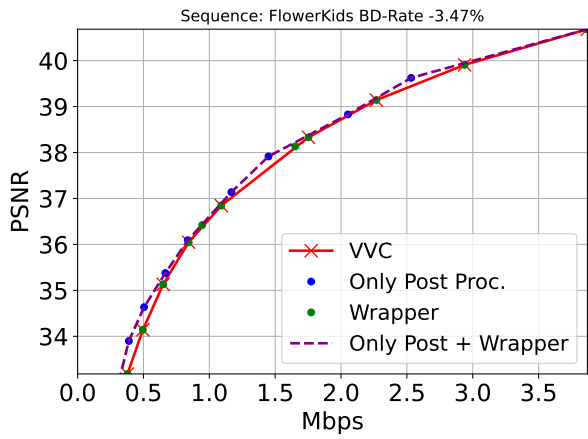




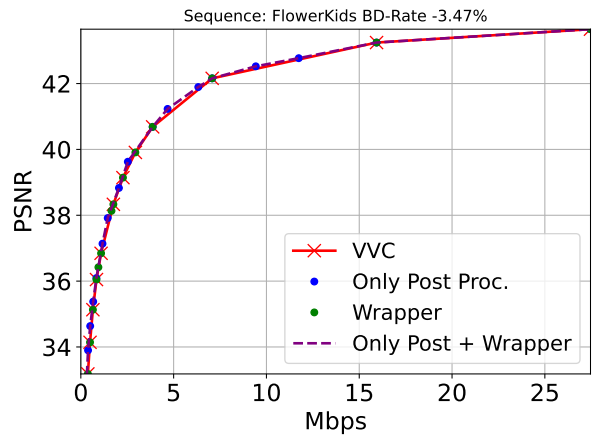
(a) Small range



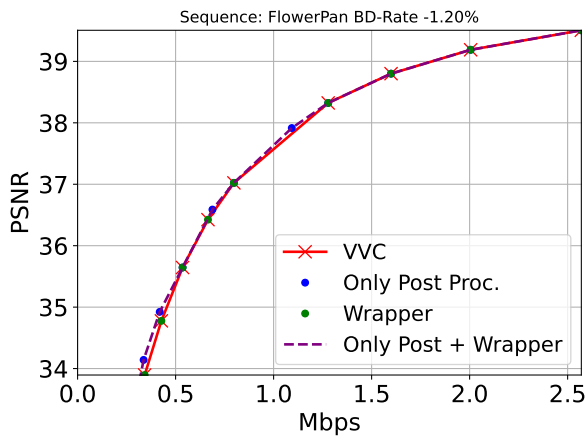
(b) Large range



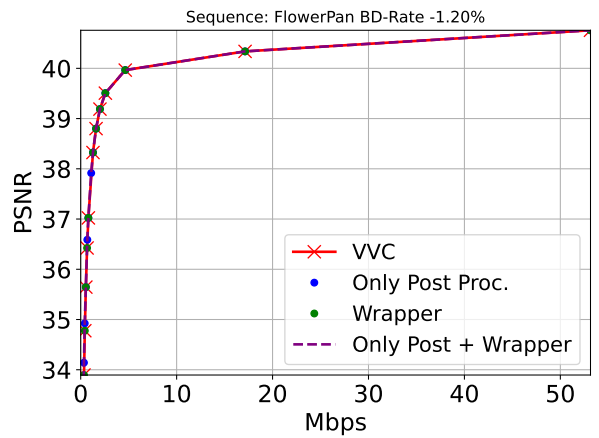
(a) Small range



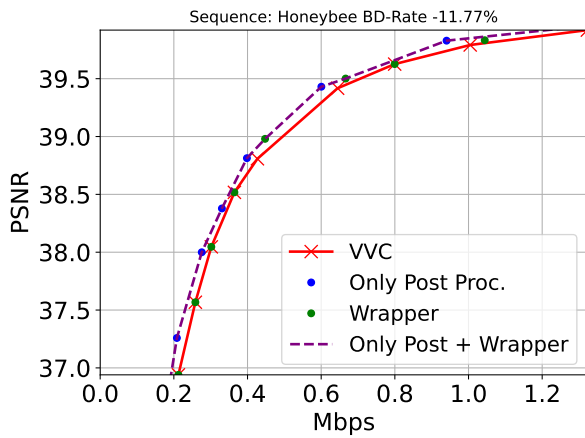
(b) Large range



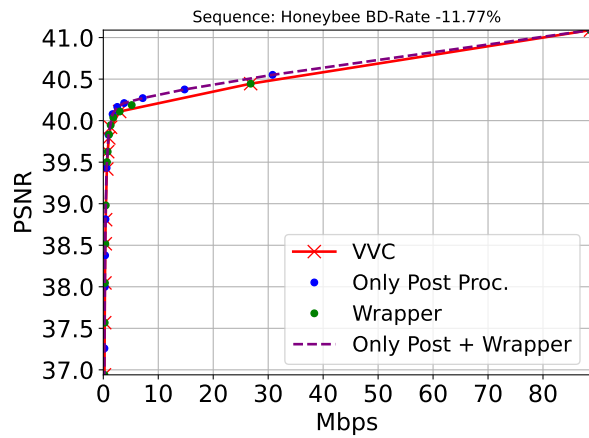
(a) Small range



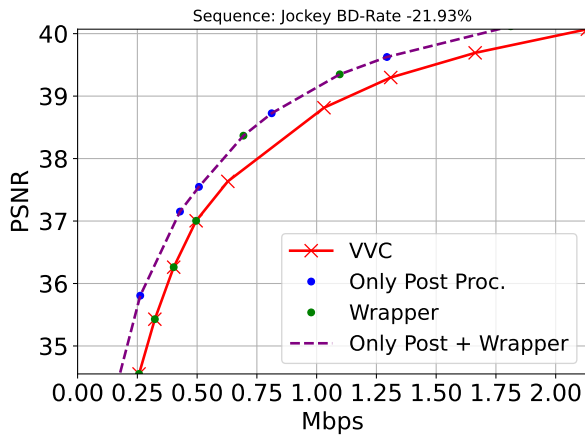
(b) Large range



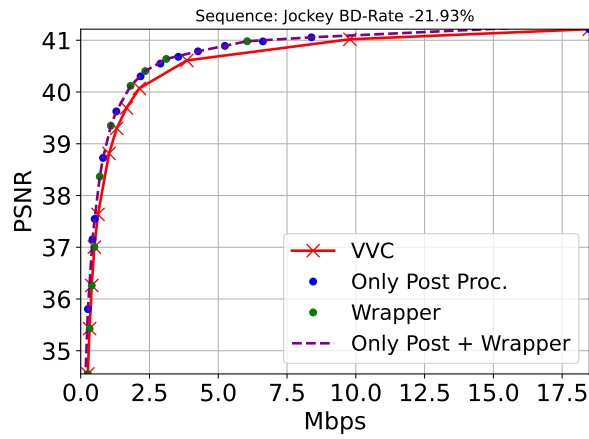
(a) Small range



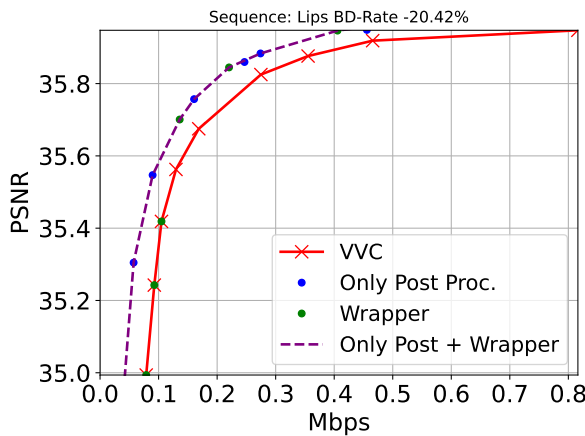
(b) Large range



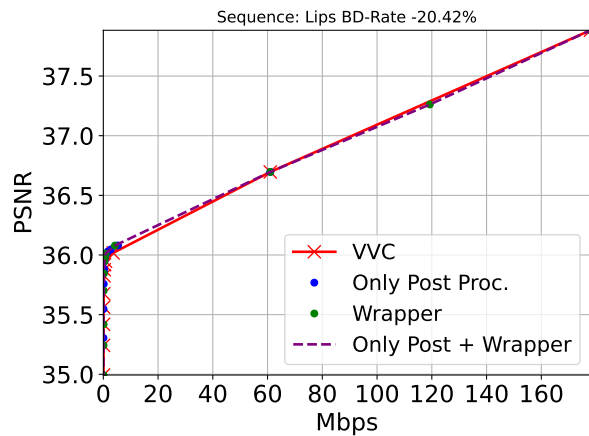
(a) Small range



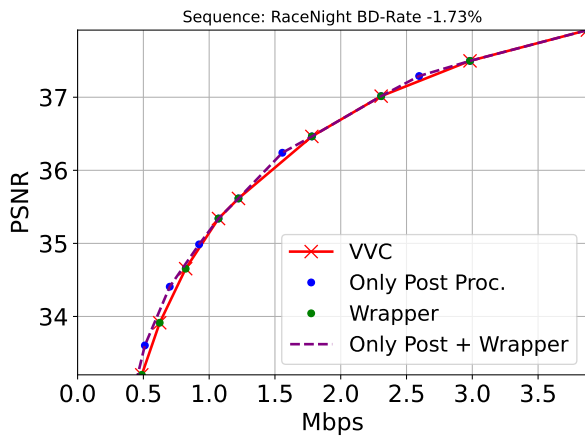
(b) Large range



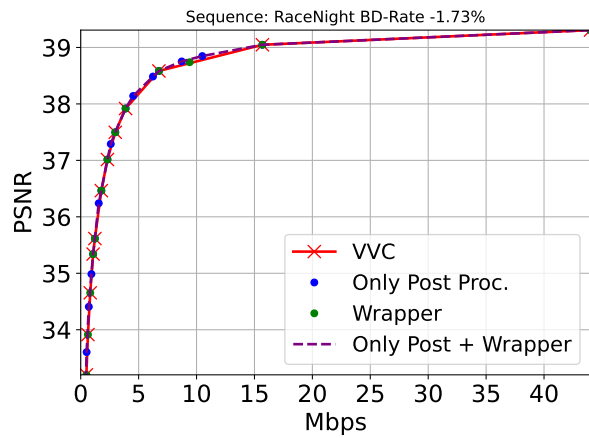
(a) Small range



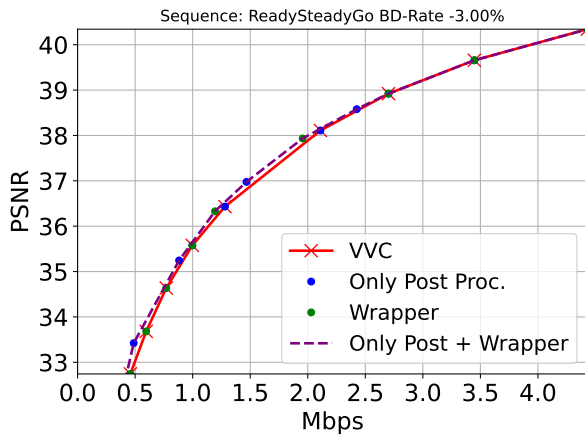
(b) Large range



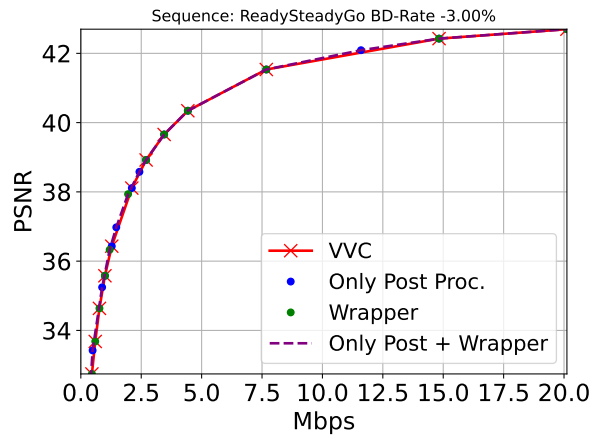
(a) Small range



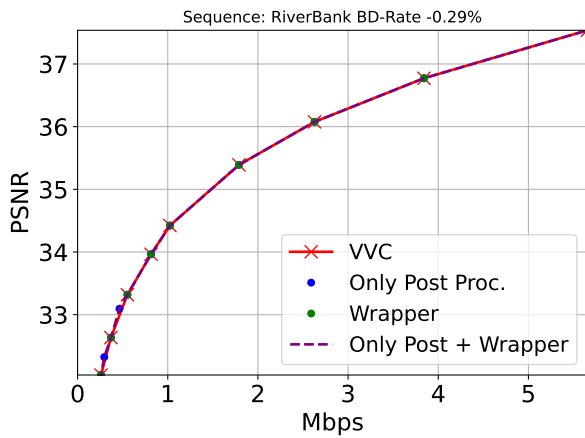
(b) Large range



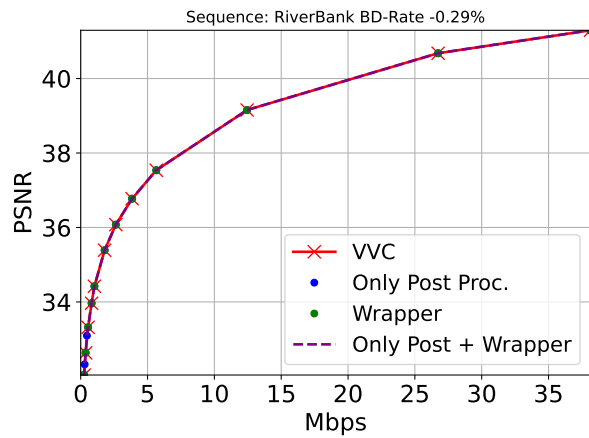
(a) Small range



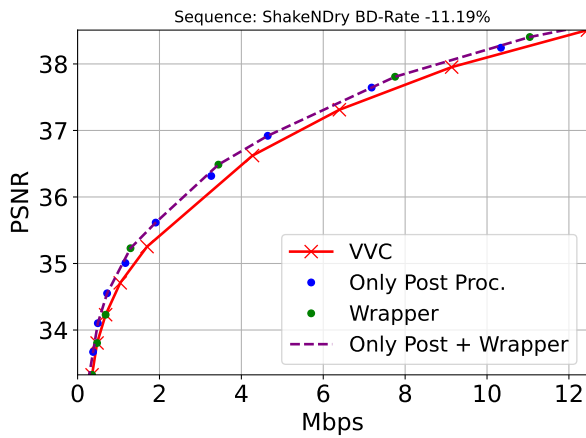
(b) Large range



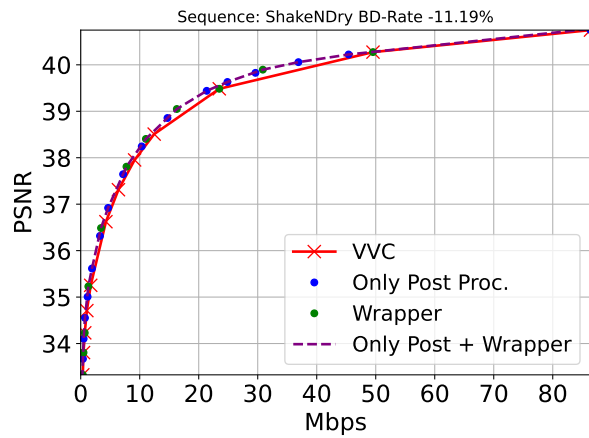
(a) Small range



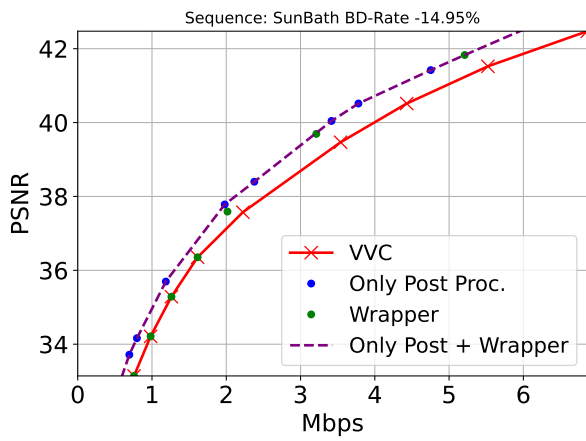
(b) Large range



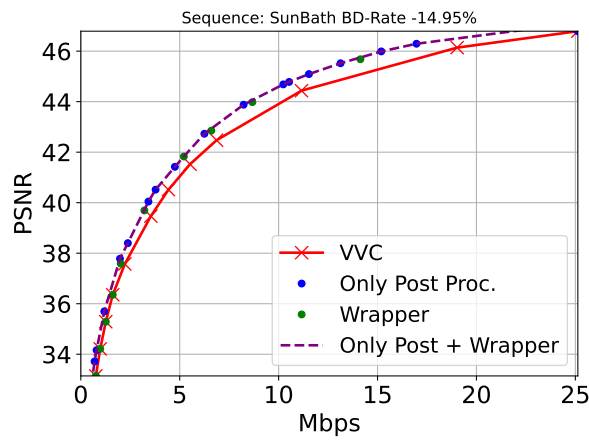
(a) Small range



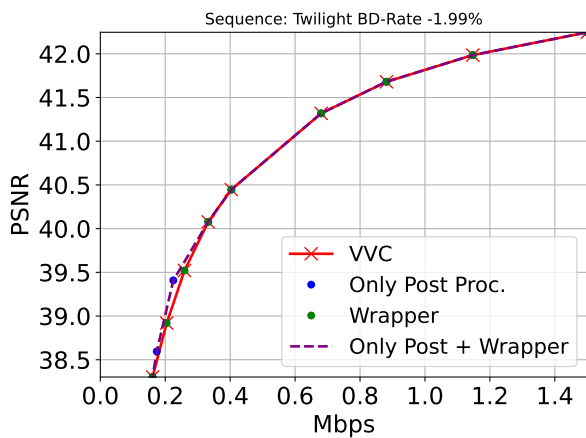
(b) Large range



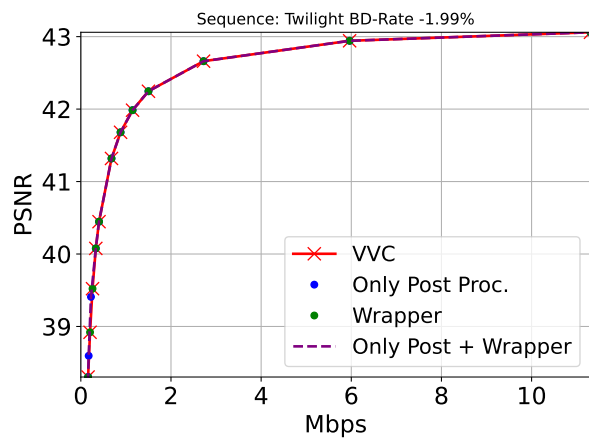
(a) Small range



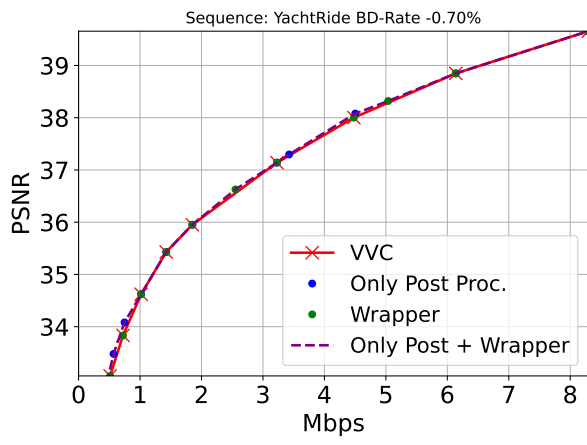
(b) Large range



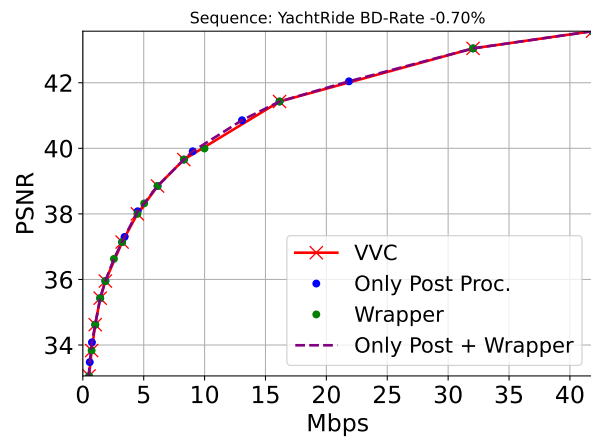
(a) Small range



(b) Large range



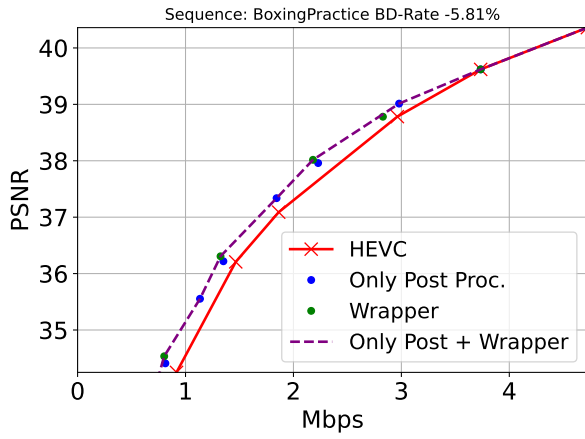
(a) Small range



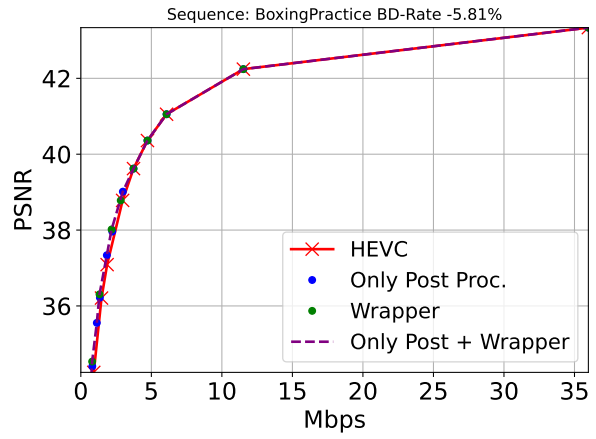
(b) Large range

# PART III

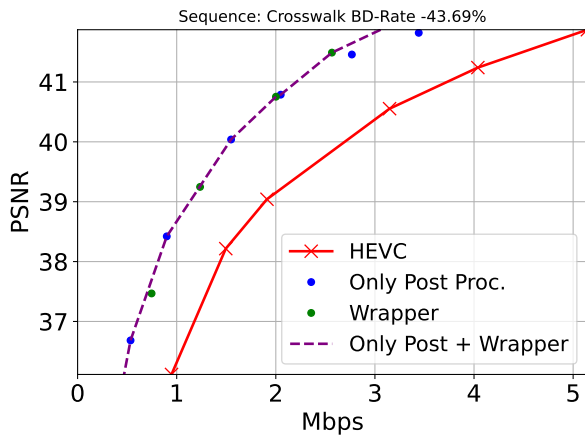
## Rate-Distortion Curves on AOM CTC Class A1 with HEVC



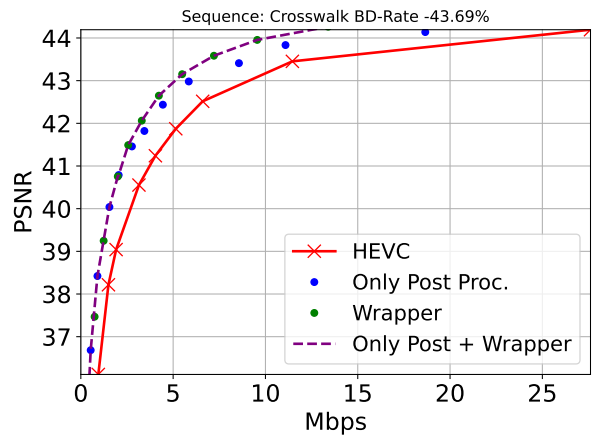
(a) Small range



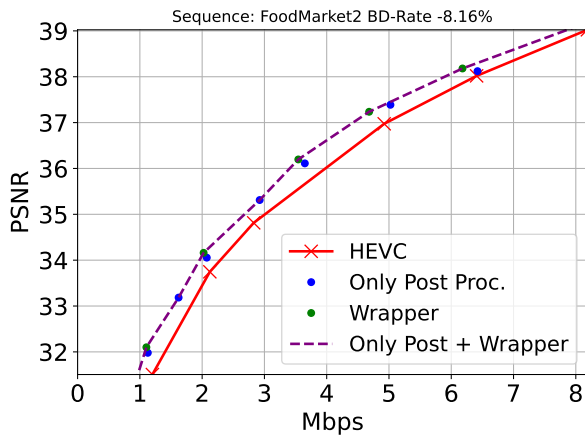
(b) Large range



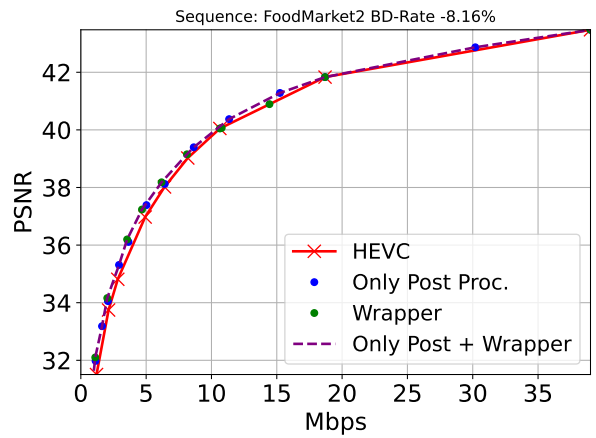
(a) Small range



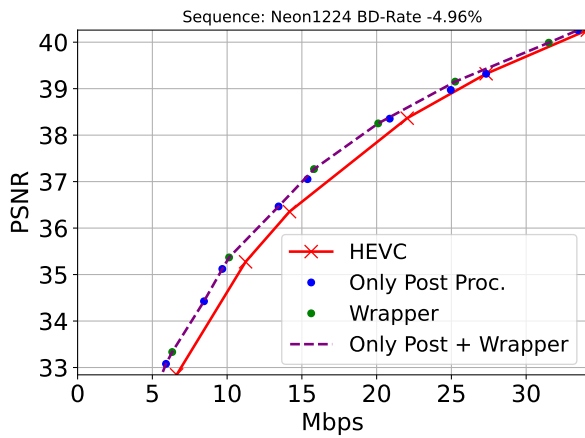
(b) Large range



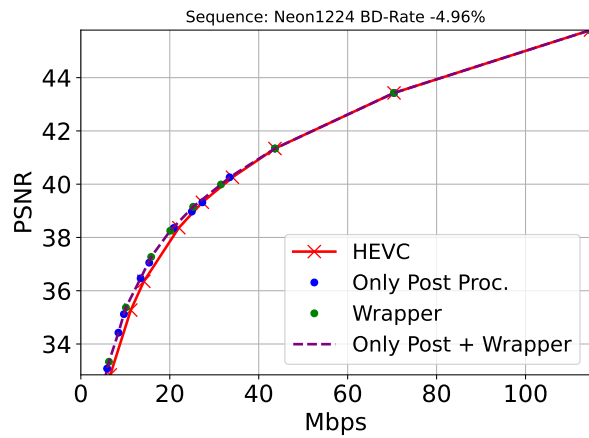
(a) Small range



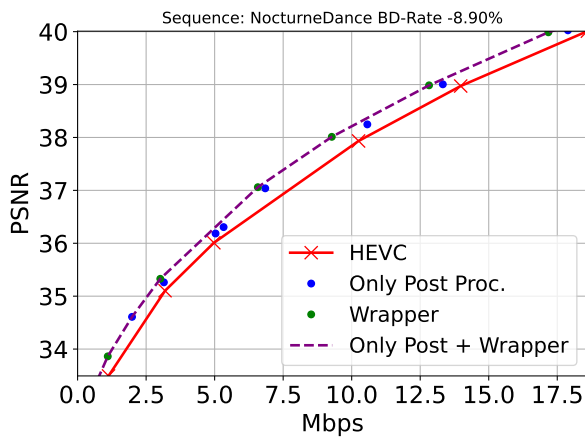
(b) Large range



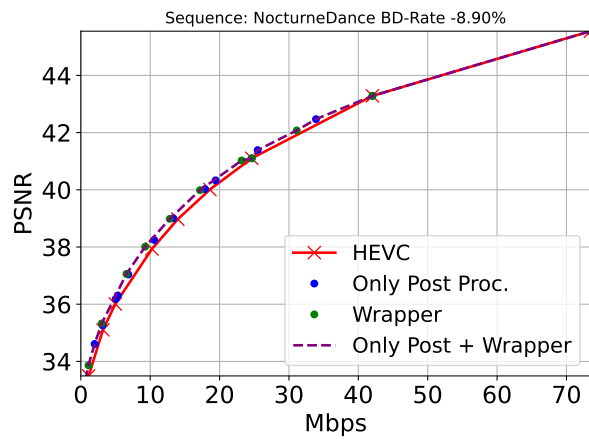
(a) Small range



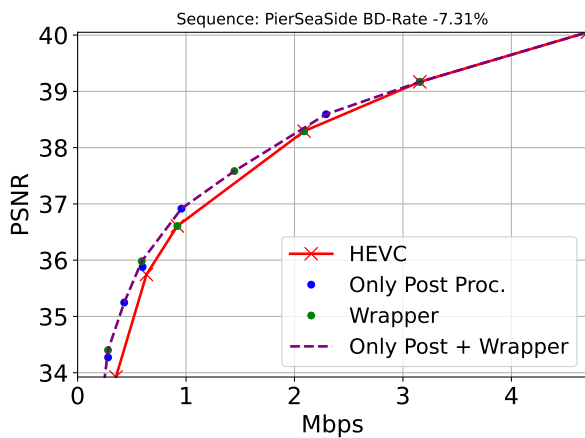
(b) Large range



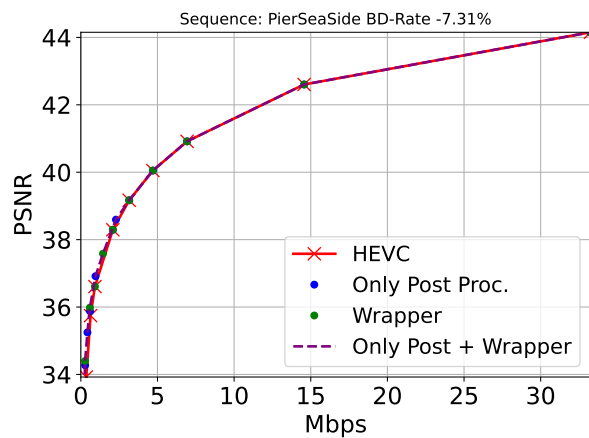
(a) Small range



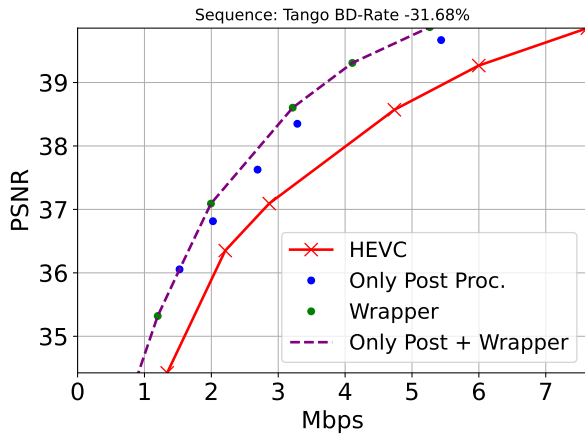
(b) Large range



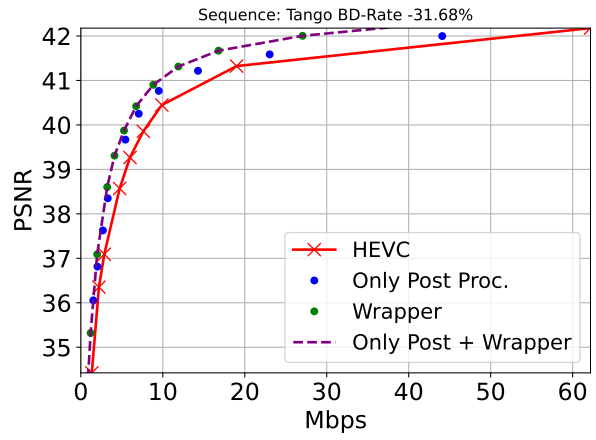
(a) Small range



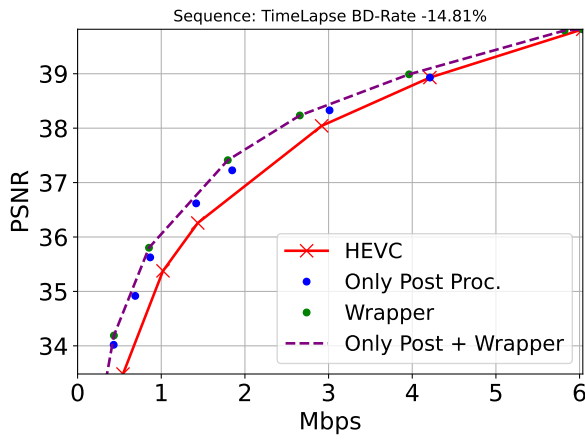
(b) Large range



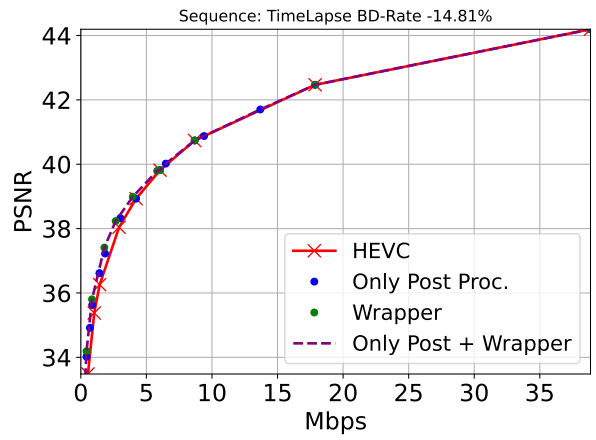
(a) Small range



(b) Large range



(a) Small range

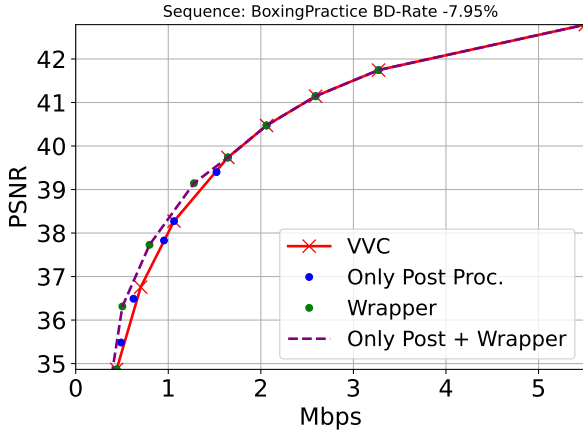


(b) Large range

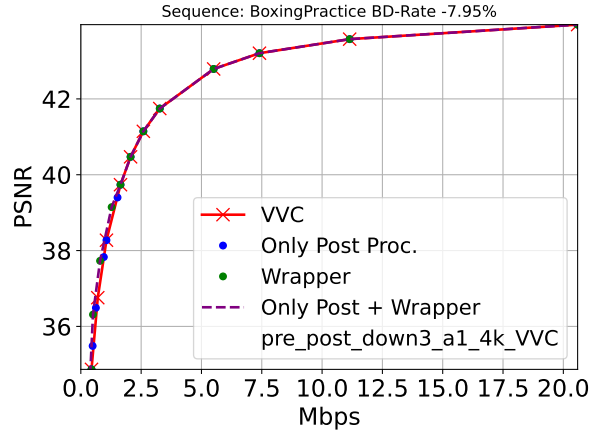


# PART IV

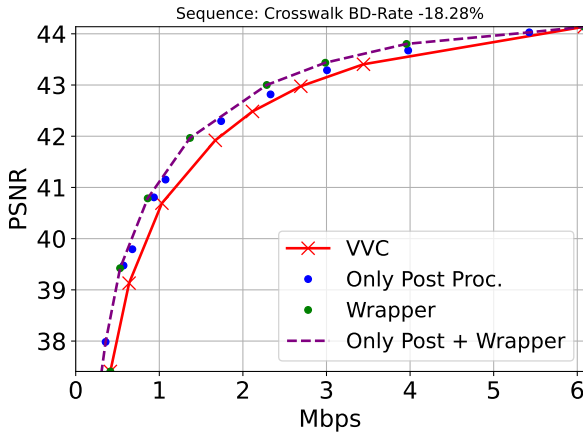
## Rate-Distortion Curves on AOM CTC Class A1 with VVC



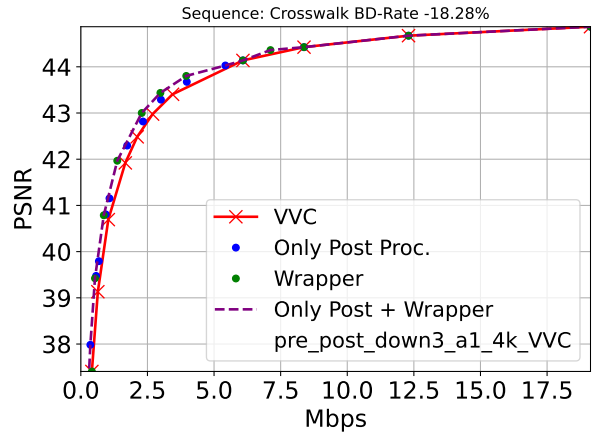
(a) Small range



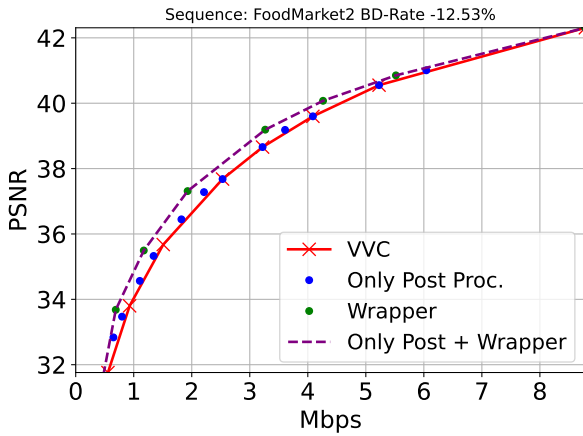
(b) Large range



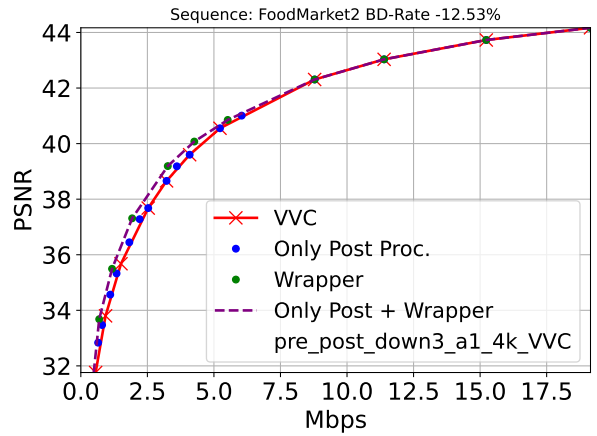
(a) Small range



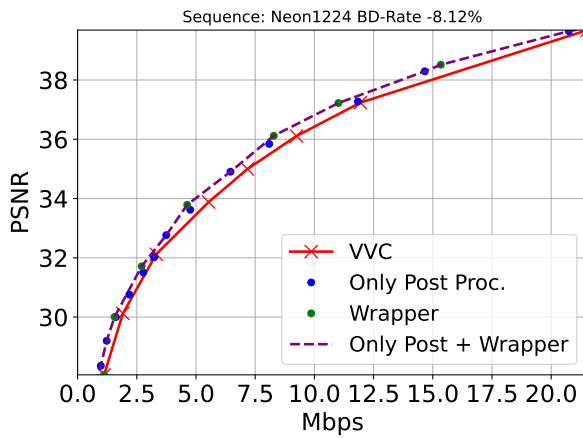
(b) Large range



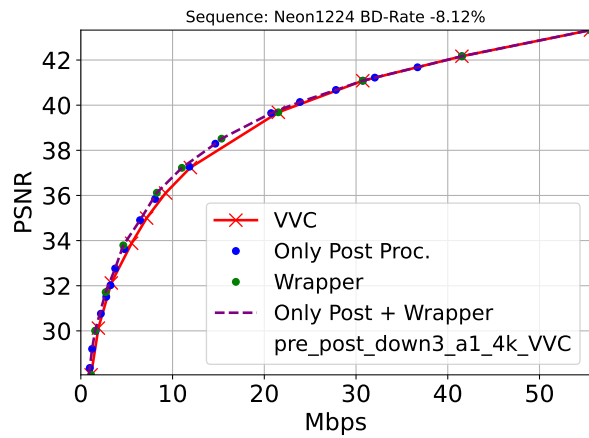
(a) Small range



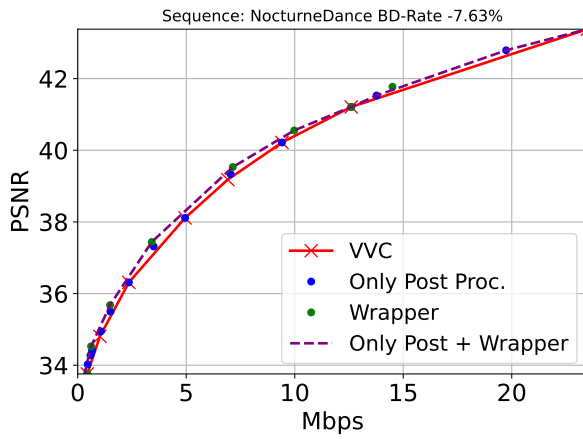
(b) Large range



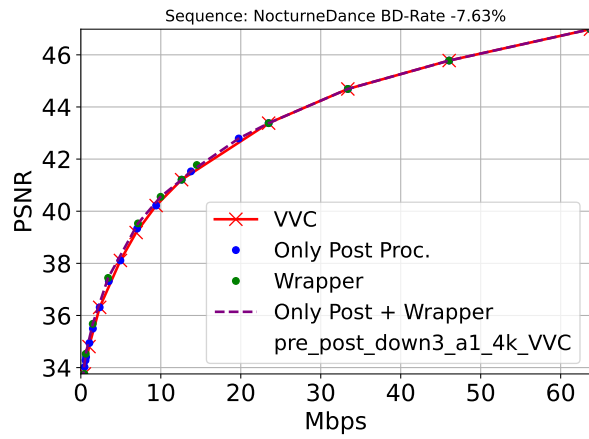
(a) Small range



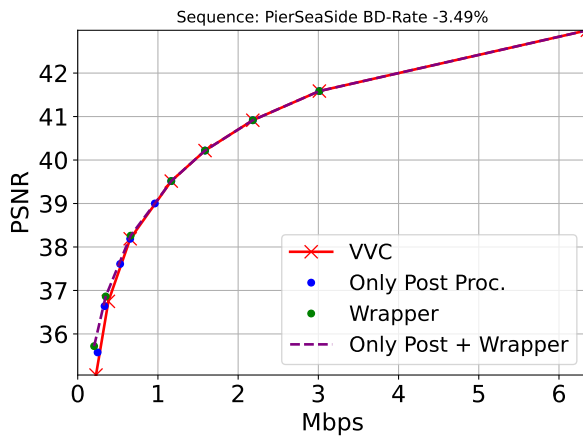
(b) Large range



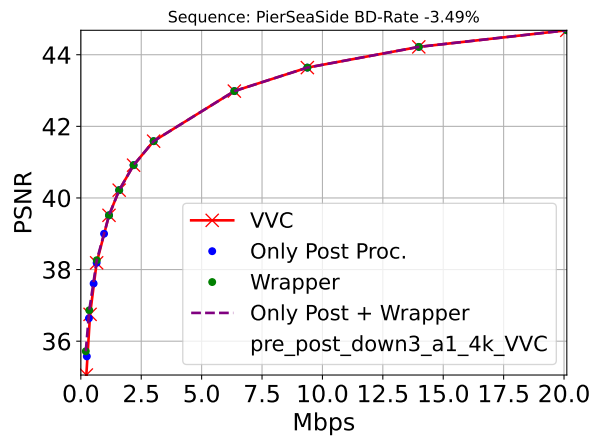
(a) Small range



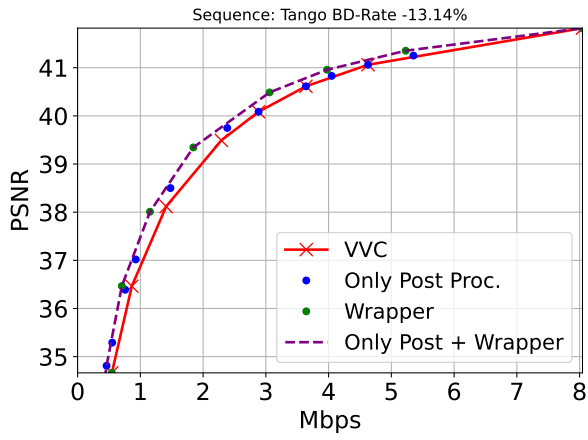
(b) Large range



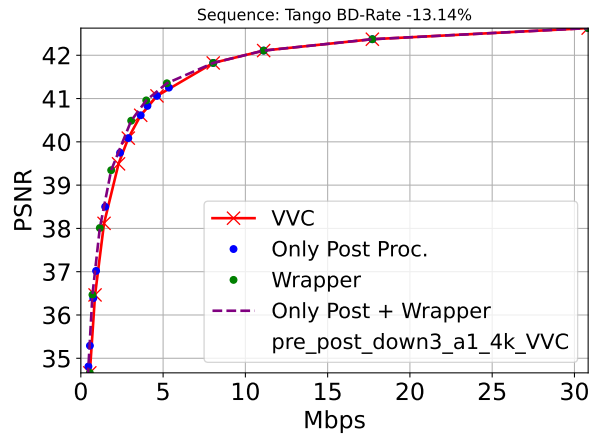
(a) Small range



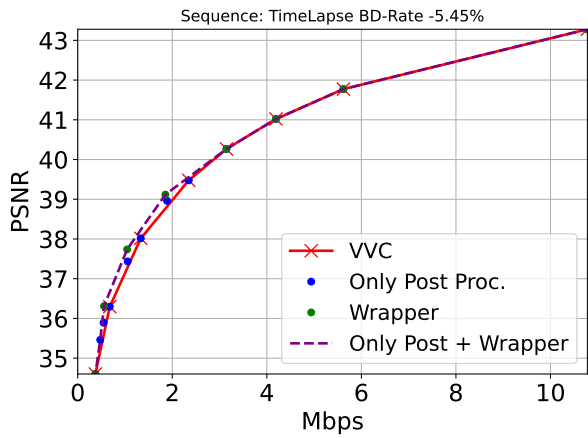
(b) Large range



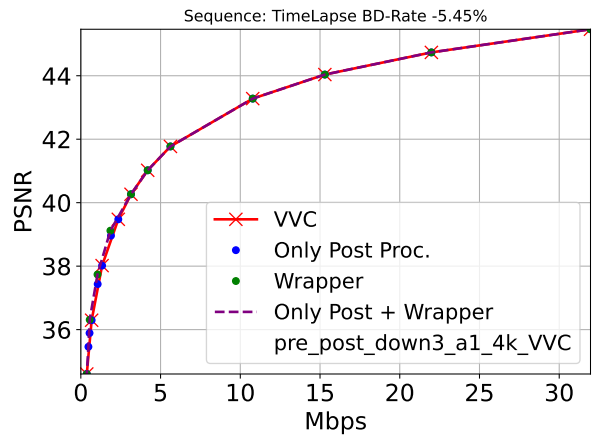
(a) Small range



(b) Large range



(a) Small range



(b) Large range