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| *Title:* | **Non-TE3: Cross-checking results of adaptive predictor compensation with generalized residual prediction** | | |
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# Abstract

This contribution reports crosschecking results of JCTVC-L0074 on adaptive predictor compensation with generalized residual prediction. The simulation results reportedly matched those provided by the proponents.

# Introduction

In tool experiment 3, adaptive predictor compensation (APC) and generalized residual prediction (GRP) were proposed in JCTVC-L0072 and JCTVC-L0078, respectively. In JCTVC-L0074, a straightforward combination of the two methods was evaluated.

# Experimental results

We received the source code from the proponents, implemented in SMUC 0.1.1, and did a code study to verify that the proposed method was implemented as described. We used the common conditions generated from AHG10 in our experiments and ran simulations for the cases of RA and LDP.

The results match what was provided by the proponents and are summarized as follows.



# Conclusion

In this contribution, we have presented the results of our cross-check of JCTVC-L0074. The implemented algorithm is in line with the proponent’s description, and the simulation results also match that provided by the proponents.

# Patent rights declaration(s)

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