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Abstract

This contribution proposes a modified reporting template for experiments according to the MIV CTC [N 0113] that takes advantage of a new representation of the "max delta" information.

Proposition for modified reporting template

A change is made to the «Summary» tab of the template. The previous «max delta» information is removed from column «F». Three columns «Q», «R», and «S» now convey information related to the «max delta» for the WS-PSNR. Three other columns «U», «V», and «W» report similar information for IV-PSNR.

Columns «Q» and «U» report the «max delta» for the anchor, columns «R» and «V» report the «max delta» for the proposal, and columns «S» and «W» report the increase of «max delta» in percentage, from the anchor to the proposal. If the proposal is better than the anchor, the percentage is negative.

The «max delta» reflects the maximum worst case difference of quality observed on all rendered views and all QPs. It is the maximum over all rate points of the difference between the maximum and the minimum quality over all views. The minimum value is zero and lower is better. The unit of «max delta» corresponds to the underlying metric, namely decibels [dB].

Recommendations

The proponents recommend using this reporting template as a basis for the upcoming CTC.