文本

描述已自动生成

TP：tile that is actually viewed and is predicted to be within FoV

TN：tile that is not actually viewed and is predicted to be outside FoV

FP：tile that is not actually viewed but is predicted to be within FoV

FN：tile that is actually viewed but is predicted to be outside FoV

Accuracy：the ratio of all correctly predicted tiles to the total predicted and viewed tiles.

Precision：the ratio of tile that is actually viewed and is predicted to be within FoV to all tiles actually viewed by viewers

Recall：the ratio of tile that is actually viewed and is predicted to be within FoV to all correctly predicted tiles

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1) We clarified the description of the four metrices

Average resolution of FoV Tiles：Average bitrate of tile within viewer’s FoV

Bandwidth Saving：In our system, the bandwidth is reduced by transmitting the tiles within FoV at high bitrate and those outside FoV at low bitrate. Thus this metric is calculated as the bandwidth occupied by all tiles transmitting at high bitrates minus the bandwidth occupied by tiles within FoV transmitting at high bitrates and outside fov transmitting at low bitrates

Bitrate Change Ratio (BCR): We define a video segment that has a different bitrate than the previous segment as a bitrate change. Then the BCR is the ratio of the video segment with a bitrate change to the total video segment

Average Buffer Size：Average duration of video content in the client's buffer.