Predicting the Gaze Depth in Head-mounted Displays using Multiple Feature Regression

Supplementary Material - ACM ETRA 2018

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1 Camera Positions

1.1 Sponza

Camera Position 1

Camera Position 2

Camera Position 3

Camera Position 4

Camera Position 5

Camera Position 6

1.2 Study

Camera Position 1

Camera Position 2

Camera Position 3

Camera Position 4

Camera Position 5

Camera Position 6

1.3 TestFar

Camera Position 1-6

1.4 TestNear

Camera Position 1-6

2 Additional Figures

Depth differences comparing our combined model with the best candidate using only the mean depth of the samples. If the difference in depth is negative, the predictor trained using the mean depths is closer to the actual target by that amount. If it is positive, our combined feature set is more accurate.

3 User Experiment Data

The data acquired by the user experiments can be downloaded at:

http://vc.inf.h-brs.de/wp-content/uploads/2018/03/paper1027_logs.zip