

I. NS-3 DASH Simulation

Modified from [xx]
- Topology: 3GPP R4-092042
- Moving UEs
- Includes DASH client and server

☐ Software component

☐ Data component

Training Trace files

Raw csv-like files containing the metrics

Evaluation Trace files

Same format as training trace files

V. ILP data Pre-Processor

Formats data for input to ILP

Training Data

II. Predictor Data Pre-Processor

Formats data for training ML model

Evaluation Data

ILP Evaluation Data

III. Predictor Model Trainer

Finds the best performing predictor model

IV. Predictor

Performs predictions

Prediction $P_{n,k} \forall n$ Nodes

VI. ILP/Heuristic

for Edge Cache Content Placement

