Pass 1 - Measurement:
Data Recording

Streaming Service

Network Emulator

QoS Model

Measurement Host

Transmission Trace Recording

transmission data

t_0 t_1 t_2 t_3 t_4 time

Video Frame Data Extraction

video data

I P B P B I

t_0 t_1 t_2 t_3 t_4 t_5 time
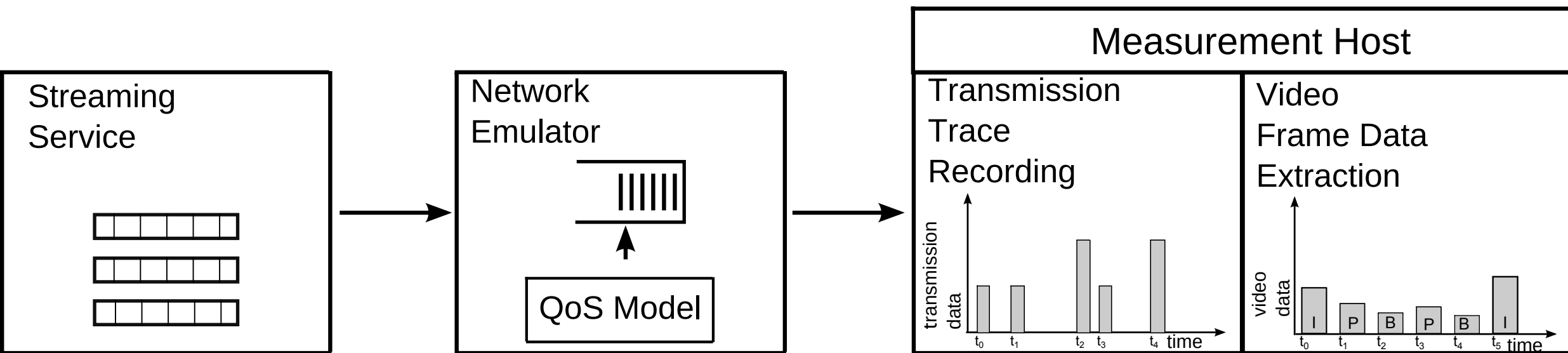
Pass 2 - Emulation:
Model Based Data Evaluation

Statistical Analysis

buffer fill level

time

Playback Emulation

Playback Strategy