

I. Metrics Aggregation

Aggregation over time
range $[t_k - \Delta t^* \alpha, t_k)$ for client n

a) DL-SINR, DL-MAC throughput

b) DL-RSRP

c) Throughput over past segments

d) Client buffer occupancy

e) No. of past segments + mode

f) UE velocity (x-, y-, z-velocity)

g) UE position L2-norm to gNBs

II. Prediction Model

a) No. of Segments
predictor

b) Quality mode
predictor

c) gNB assoc.
predictor

III. Prediction $P_{n,k}$

Predicted values for client
 n in time range $[t_k, t_{k+1})$

$N_{n,k}$ No. of segments
requested

$Q_{n,k}$ Segment quality
mode

$B_{n,k}$ gNB association