

# ANCAT Simulation Results

12:05

08.04.2022

## 1. Overall Statistics

Overall E2ELatency:

Maximum : 1.99846618

Mean : 0.74961623

Simulation mean is in 2.7% band of true mean with 95% confidence

Overall ESBagLatency:

Maximum : 1.998032

Mean : 0.749282

Simulation mean is in 2.7% band of true mean with 95% confidence

Overall ESSchedulingLatency:

Maximum : 0.00039909

Mean : 0.00019914

Simulation mean is in 1.6% band of true mean with 95% confidence

Overall ESTotalLatency:

Maximum : 1.998232

Mean : 0.74938205

Simulation mean is in 2.7% band of true mean with 95% confidence

Overall SWQueueLength:

Maximum : 0.0

Mean : 0.0

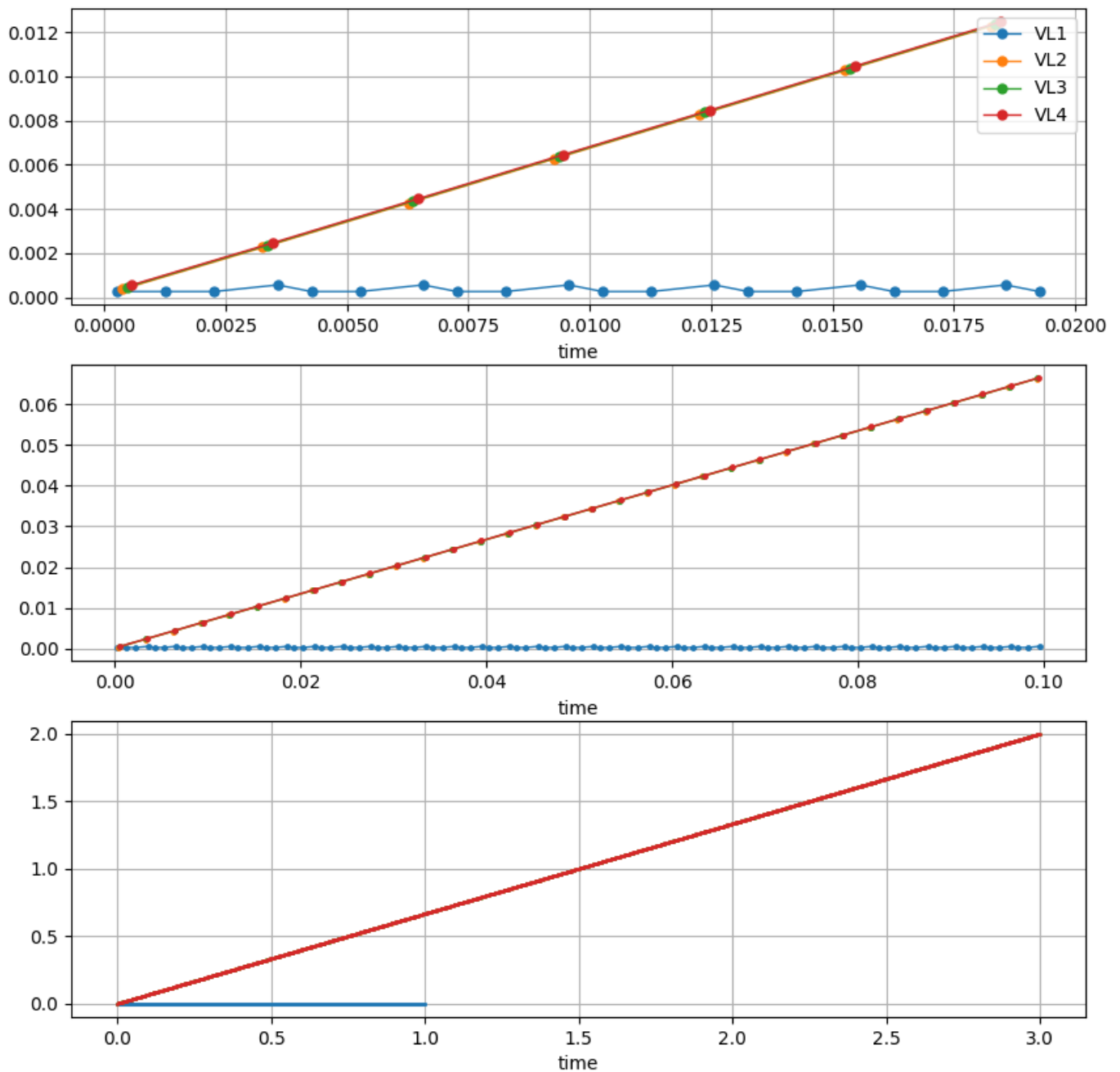
Overall SWQueueingTime:

Maximum : 0.0

Mean : 0.0

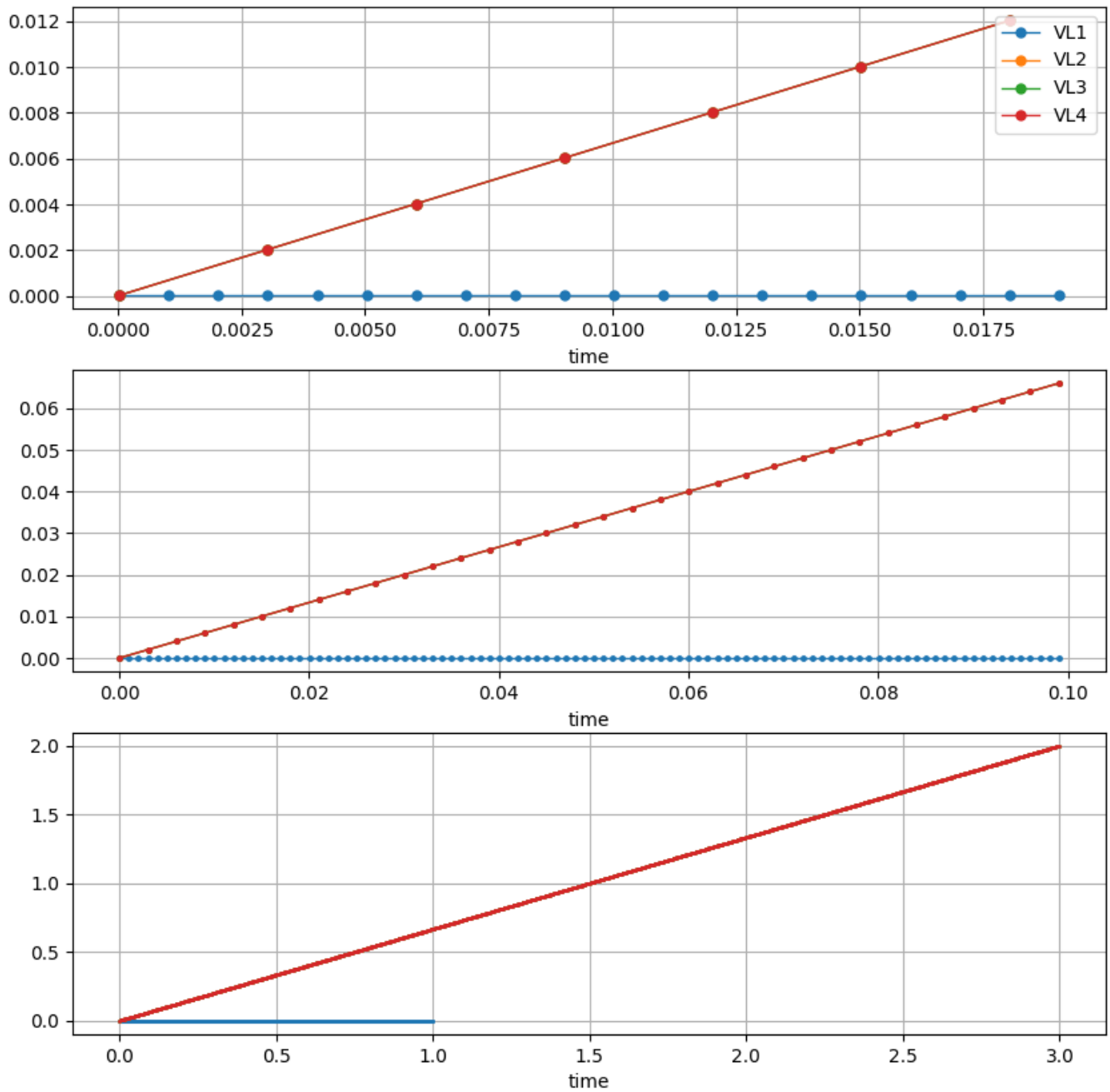
Overall E2ELatency  
Maximum : 1.99846618  
Minimum : 0.00026618  
Mean : 0.74961623  
Simulation mean is in 2.7% band of true mean with 95% confidence  
Simulation mean is in 3.6% band of true mean with 99% confidence

E2ELatency



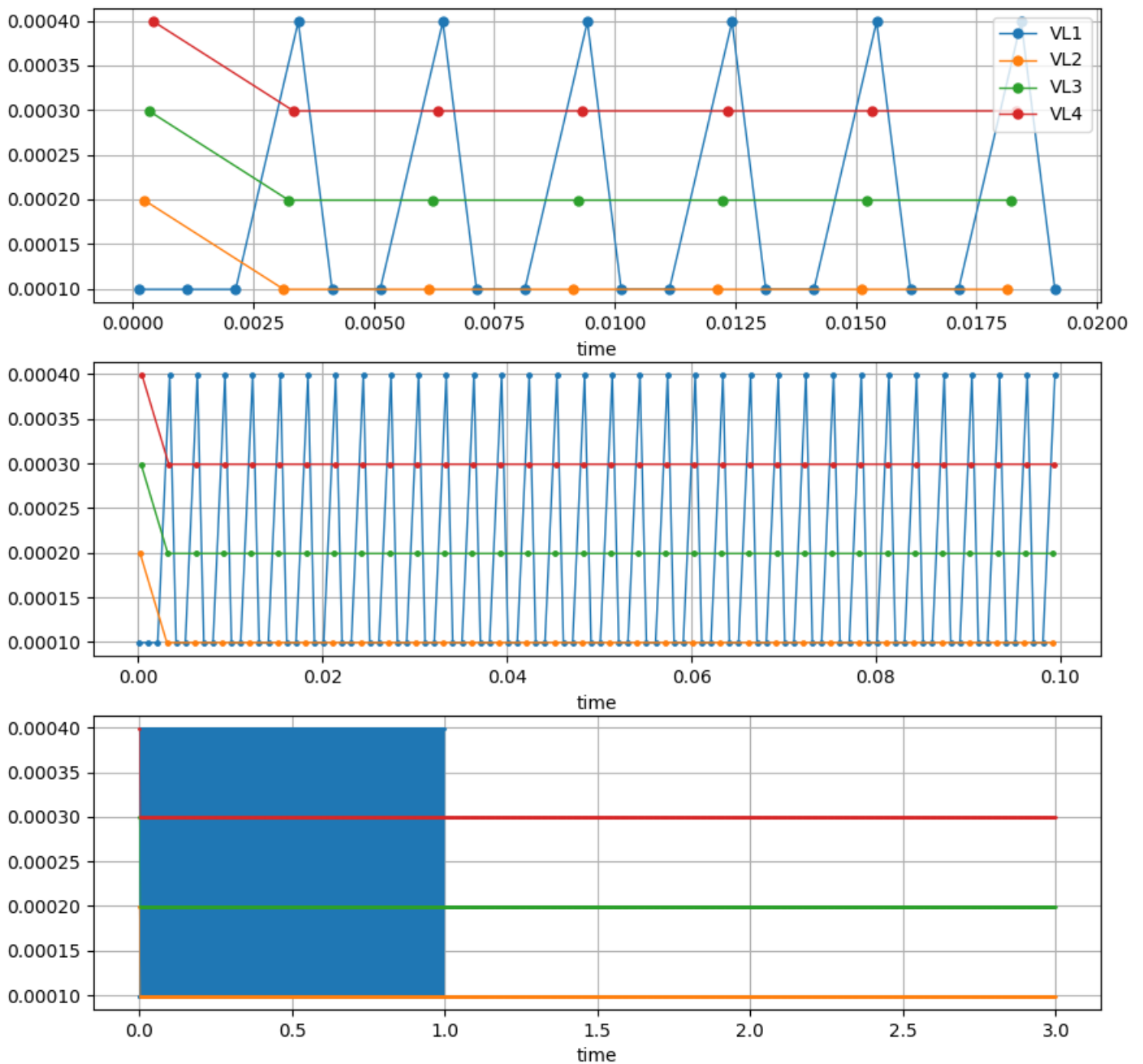
Overall ESBagLatency  
Maximum : 1.998032  
Minimum : 3.2e-05  
Mean : 0.749282  
Simulation mean is in 2.7% band of true mean with 95% confidence  
Simulation mean is in 3.6% band of true mean with 99% confidence

ESBagLatency



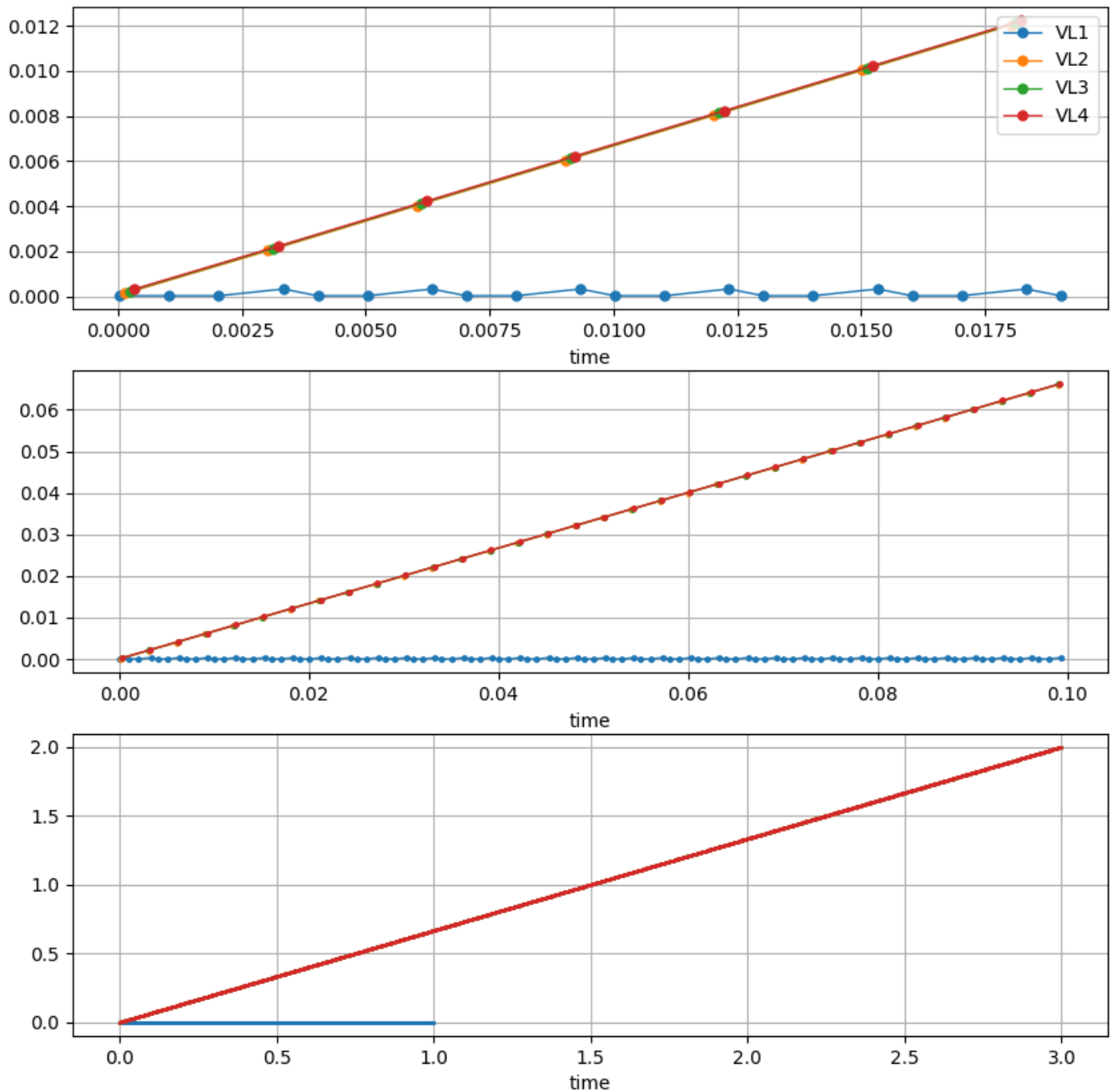
Overall ESSchedulingLatency  
Maximum : 0.00039909  
Minimum : 9.909e-05  
Mean : 0.00019914  
Simulation mean is in 1.6% band of true mean with 95% confidence  
Simulation mean is in 2.0% band of true mean with 99% confidence

ESSchedulingLatency



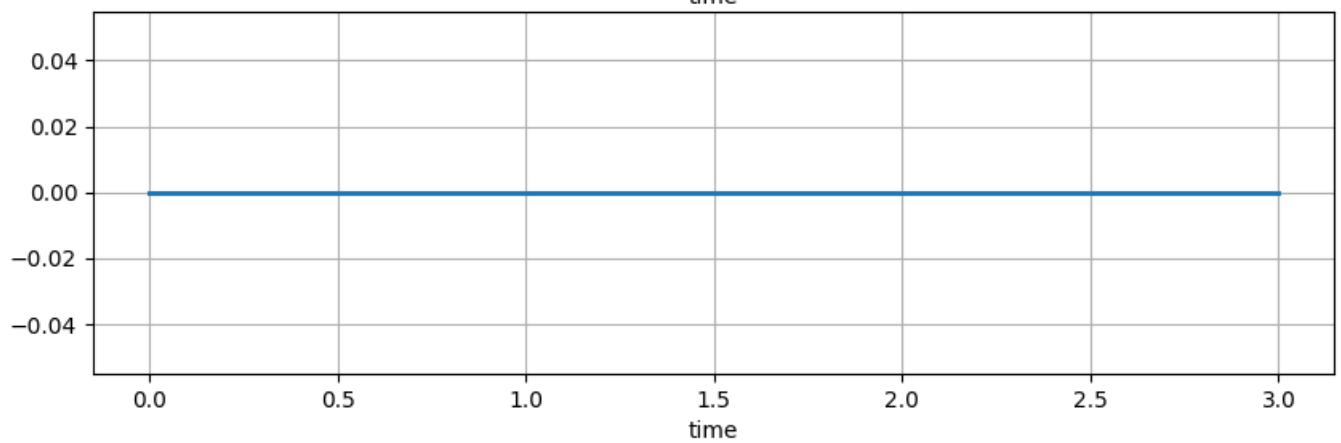
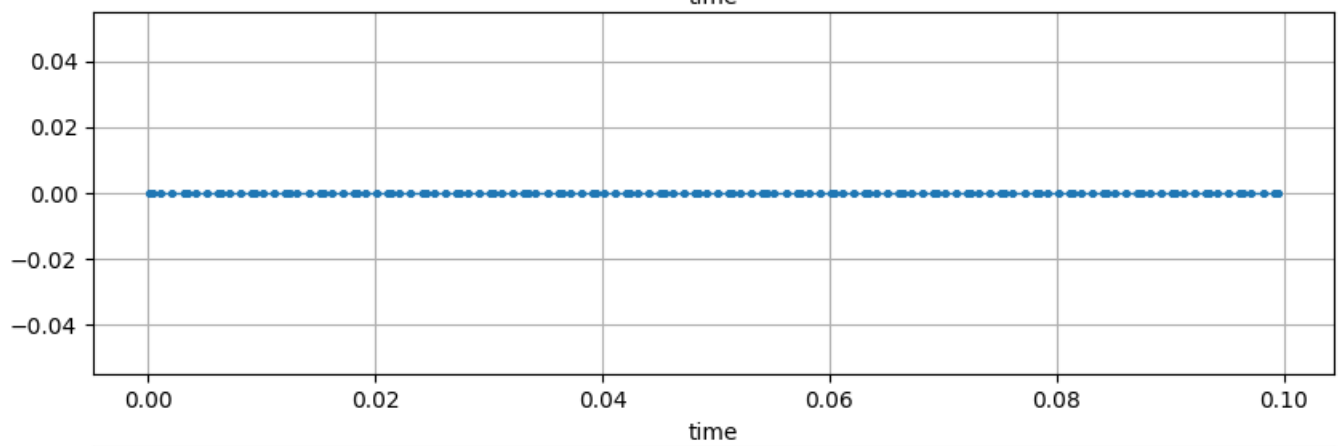
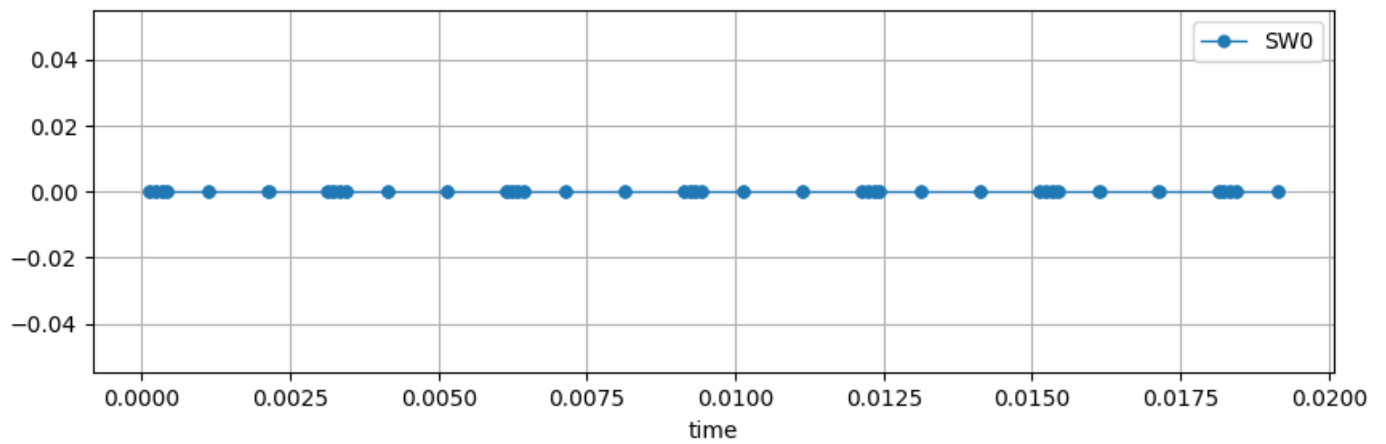
Overall ESTotalLatency  
Maximum : 1.998232  
Minimum : 3.2e-05  
Mean : 0.74938205  
Simulation mean is in 2.7% band of true mean with 95% confidence  
Simulation mean is in 3.6% band of true mean with 99% confidence

ESTotalLatency



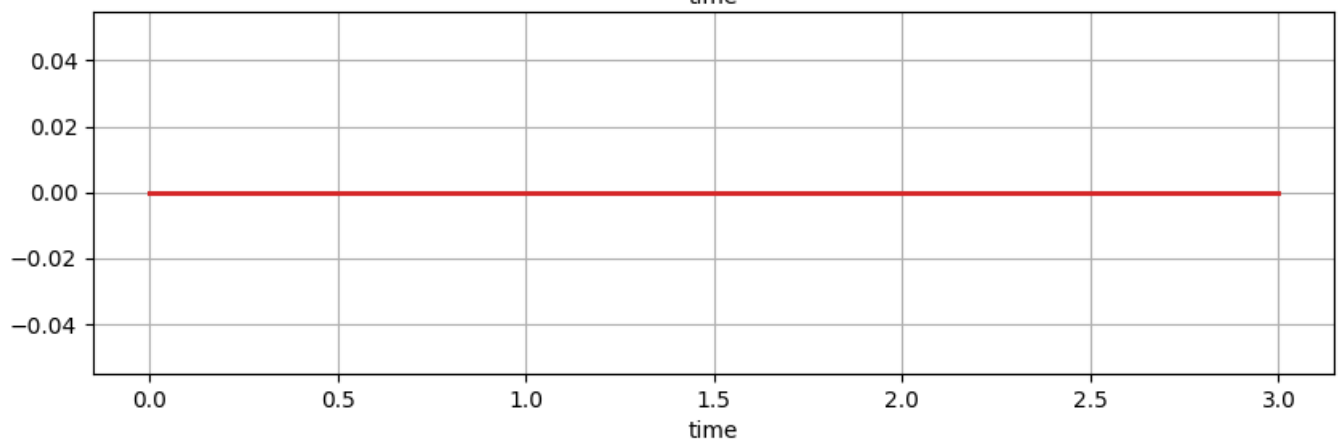
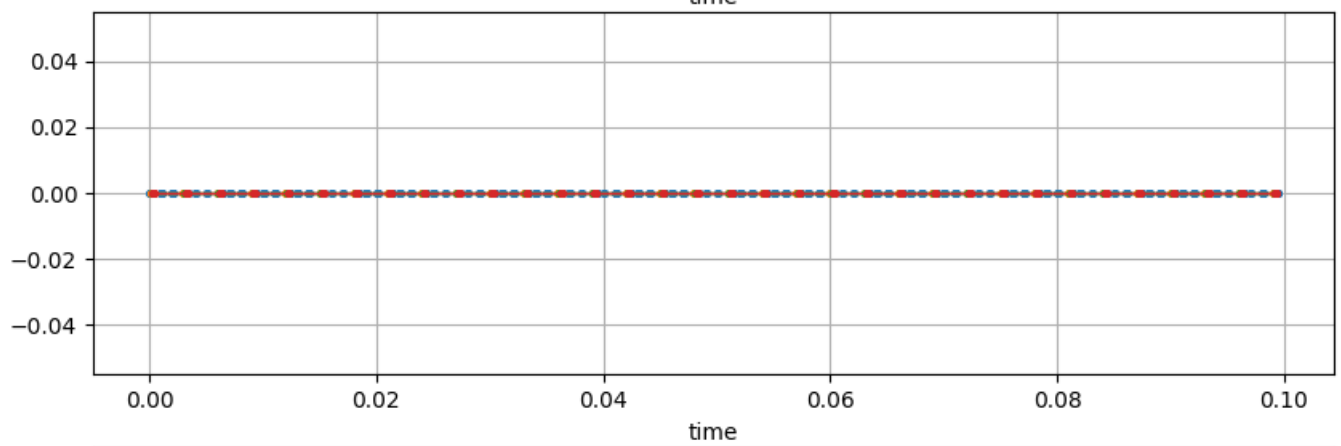
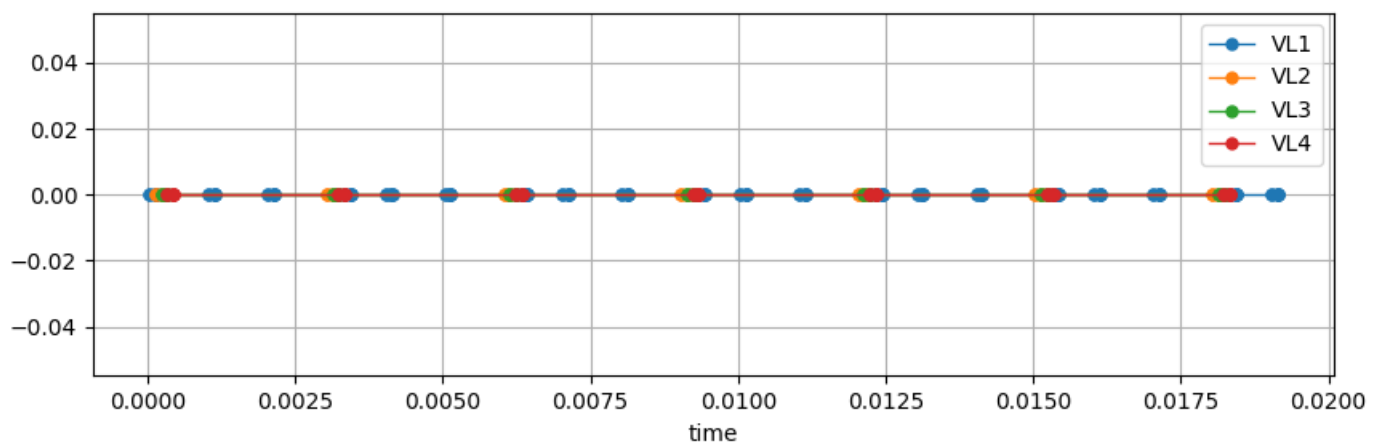
Overall SWQueueLength  
Maximum : 0.0  
Minimum : 0.0  
Mean : 0.0

SWQueueLength



Overall SWQueueingTime  
Maximum : 0.0  
Minimum : 0.0  
Mean : 0.0

SWQueueingTime

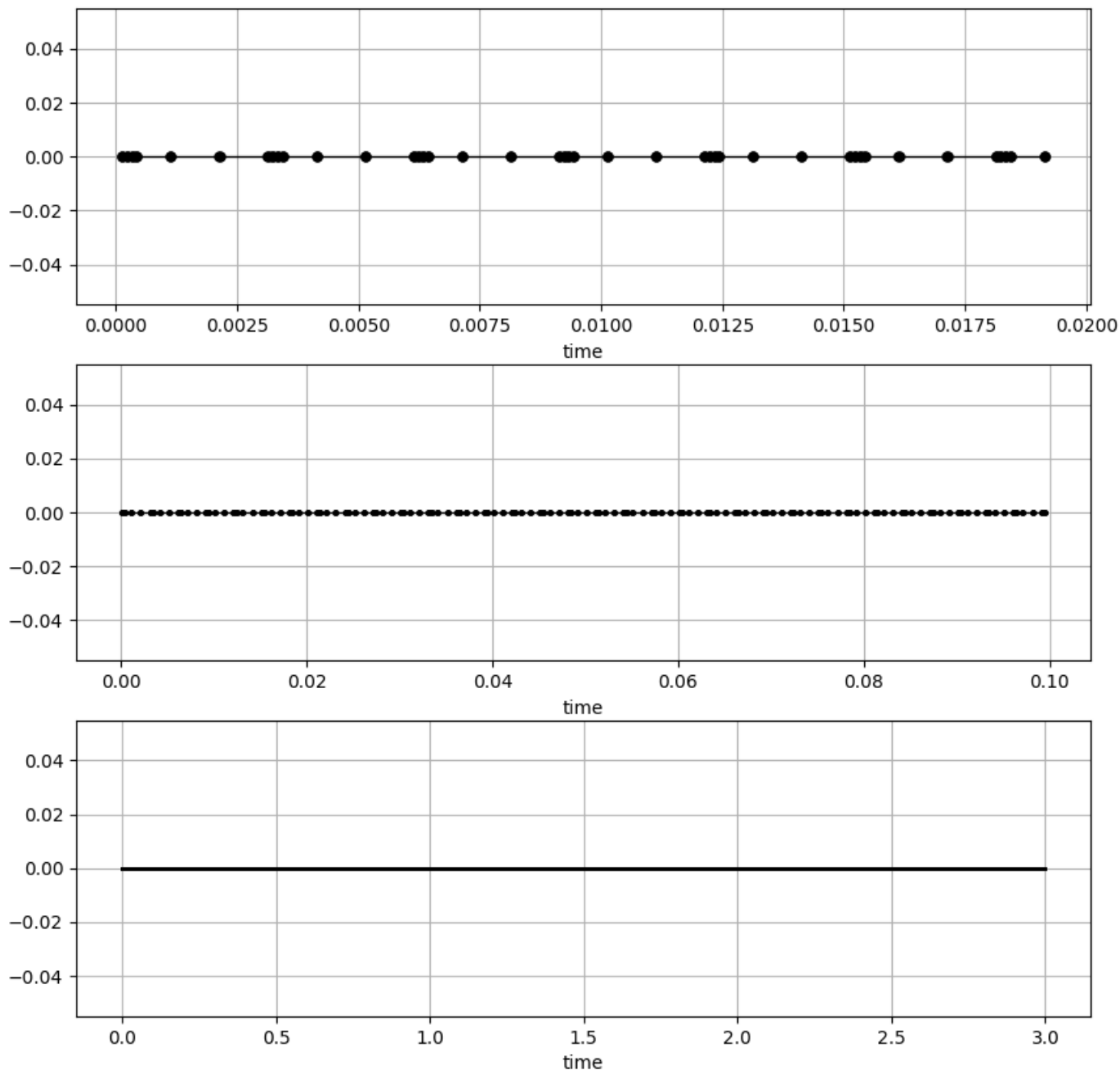


## 2. Per-Switch Statistics

### 2.1. SW0 Statistics

SWQueueLength		
Maximum	:	0.0
Minimum	:	0.0
Mean	:	0.0

SWQueueLength for SW0 in AutoNetwork.SwitchA[0].switchPort[0].txQueue



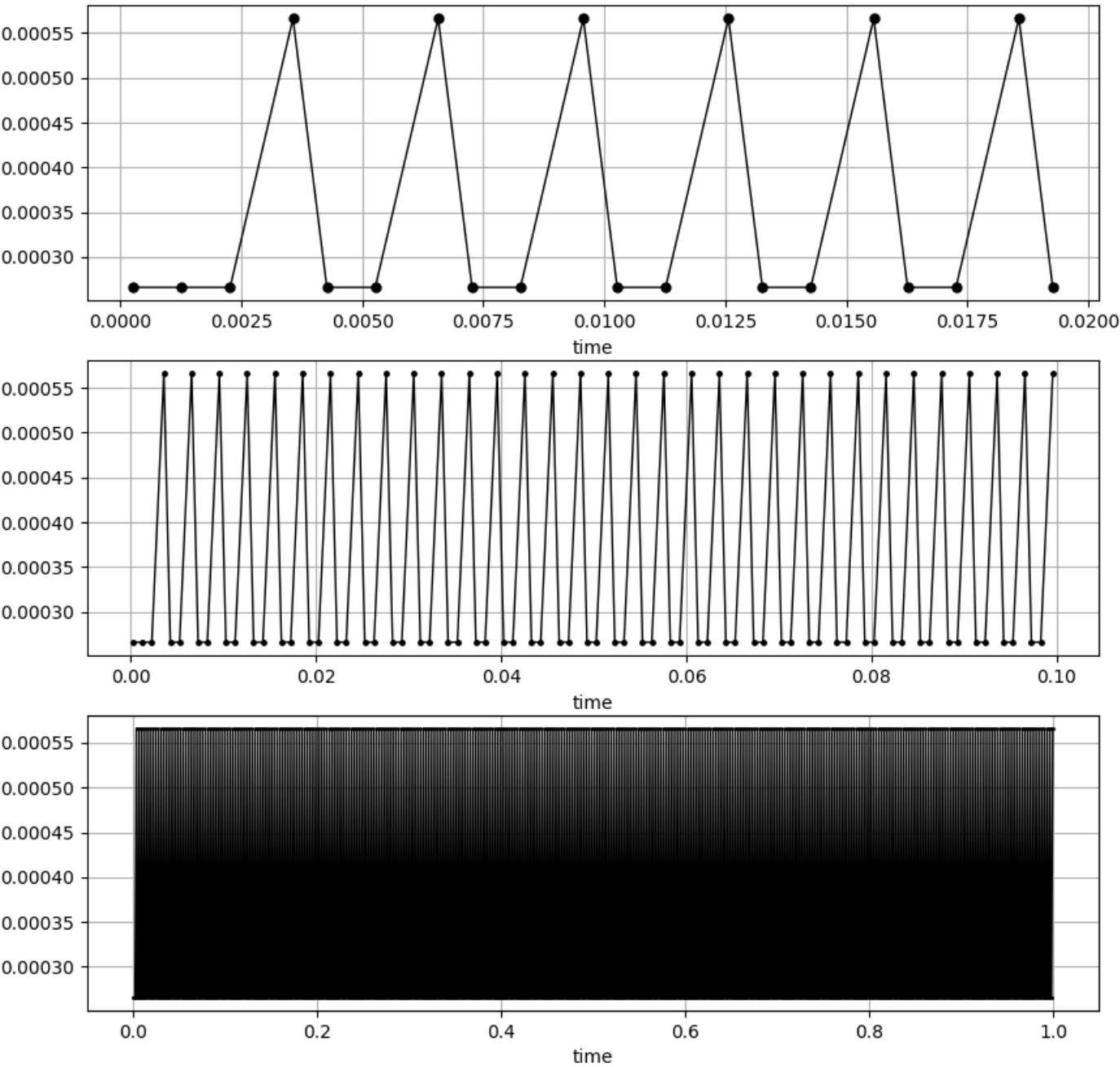


### 3. Per-VL Statistics

#### 3.1. VL1 Statistics

E2ELatency  
Maximum : 0.00056618  
Minimum : 0.00026618  
Mean : 0.00036607999999999996  
Simulation mean is in 2.4% band of true mean with 95% confidence  
Simulation mean is in 3.2% band of true mean with 99% confidence

E2ELatency for VL1 in AutoNetwork.ESGroup[0].afdxMarshall[0]



ESBagLatency

Maximum : 3.2e-05

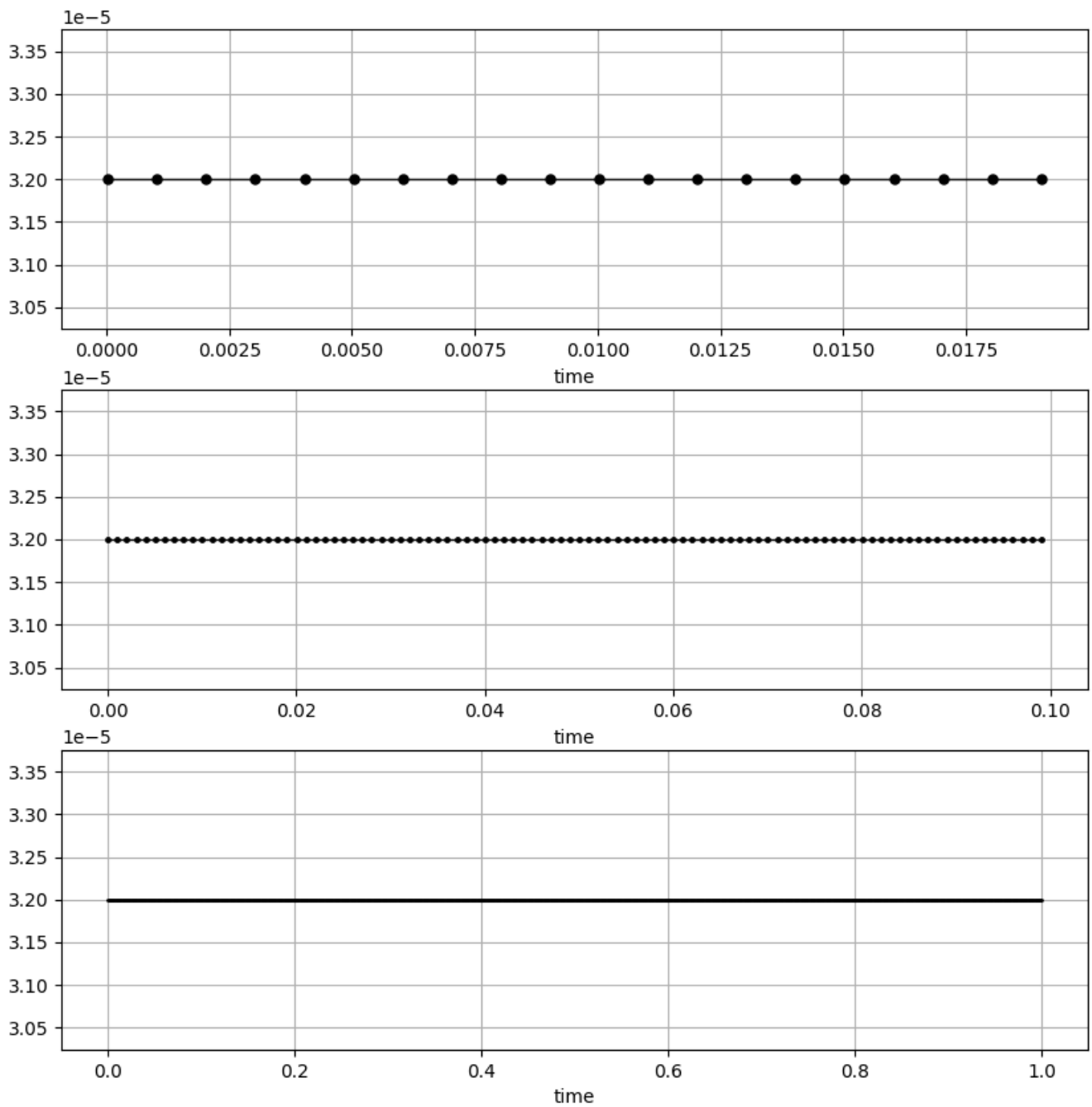
Minimum : 3.2e-05

Mean : 3.2e-05

Simulation mean is in 0.0% band of true mean with 95% confidence

Simulation mean is in 0.0% band of true mean with 99% confidence

ESBagLatency for VL1 in AutoNetwork.ESGroup[0].afdxMarshall[0]



ESSchedulingLatency

Maximum : 0.00039909

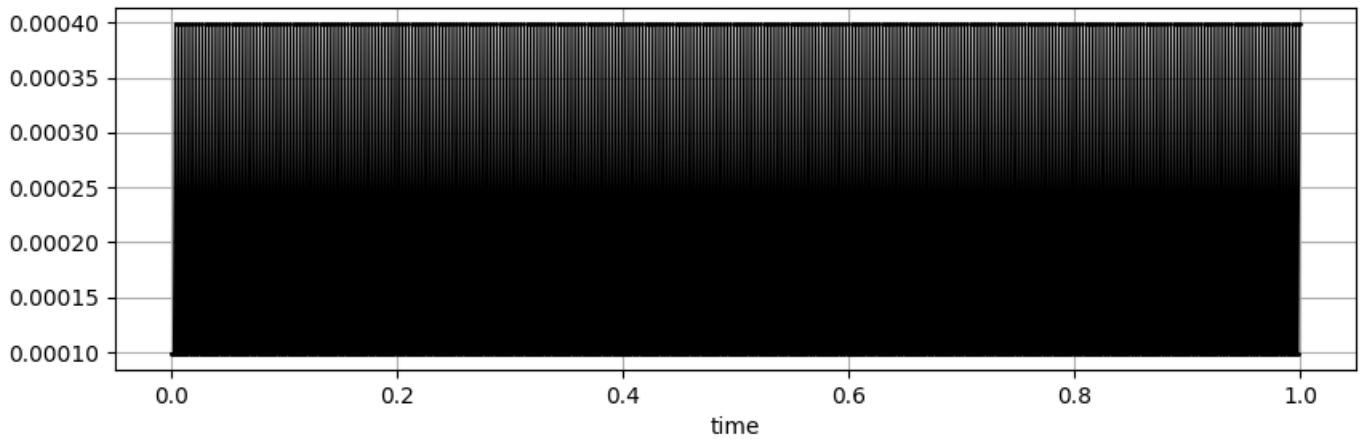
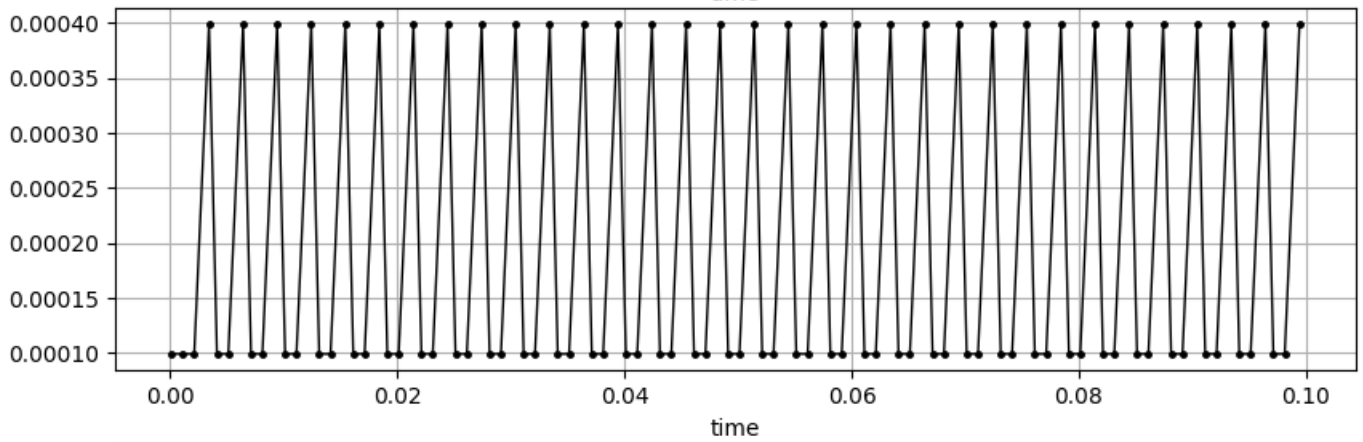
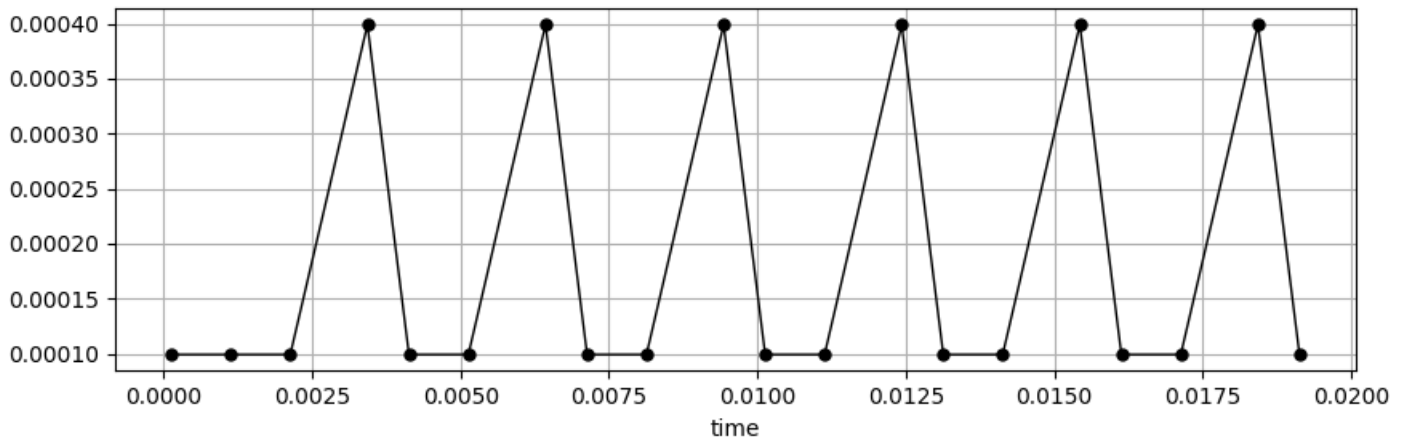
Minimum : 9.909e-05

Mean : 0.00019899

Simulation mean is in 4.4% band of true mean with 95% confidence

Simulation mean is in 5.8% band of true mean with 99% confidence

ESSchedulingLatency for VL1 in AutoNetwork.ESGroup[0].afdxMarshall[0]



ESTotalLatency

Maximum : 0.000332

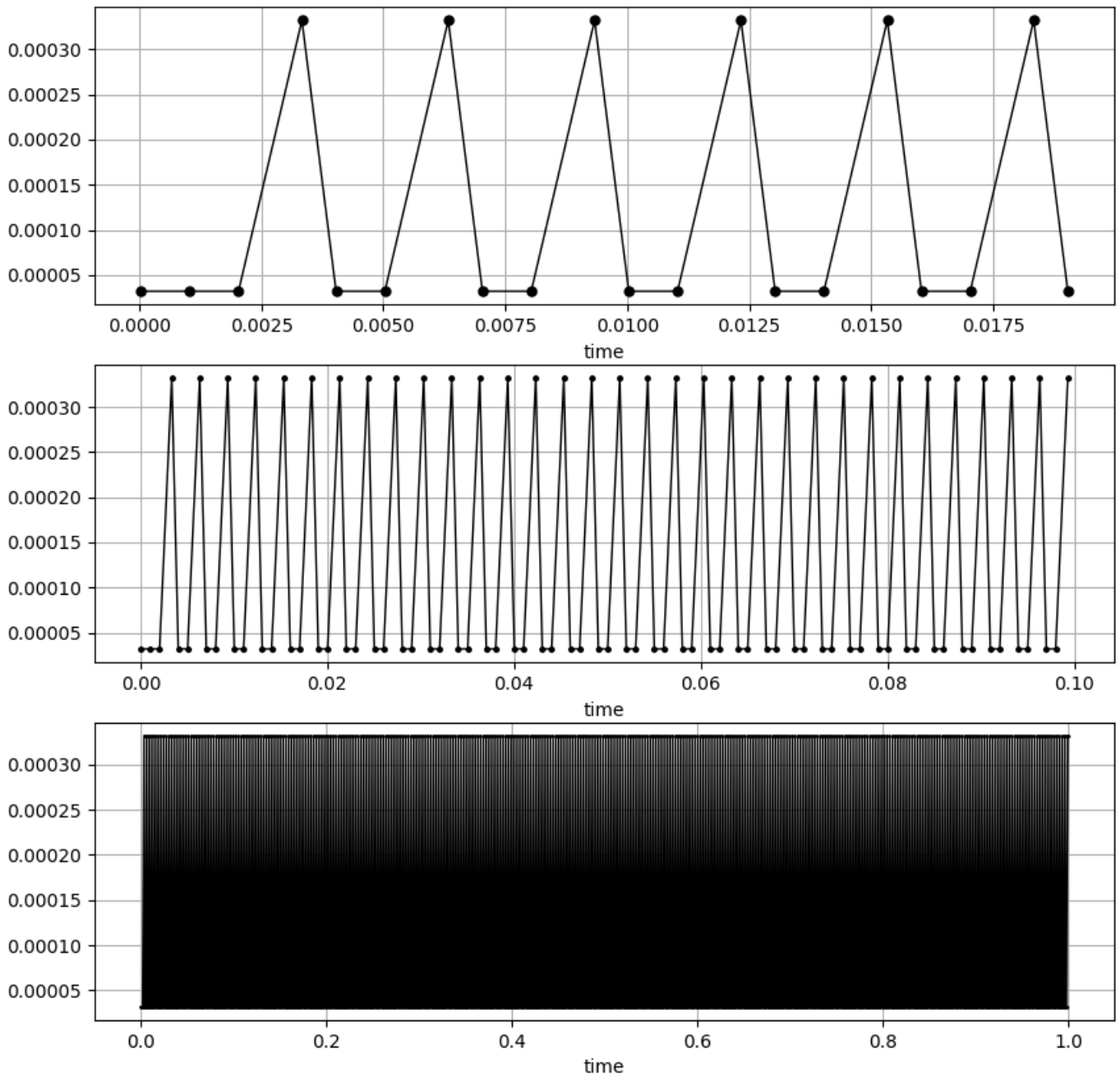
Minimum : 3.2e-05

Mean : 0.0001319

Simulation mean is in 6.6% band of true mean with 95% confidence

Simulation mean is in 8.7% band of true mean with 99% confidence

ESTotalLatency for VL1 in AutoNetwork.ESGroup[0].afdxMarshall[0]



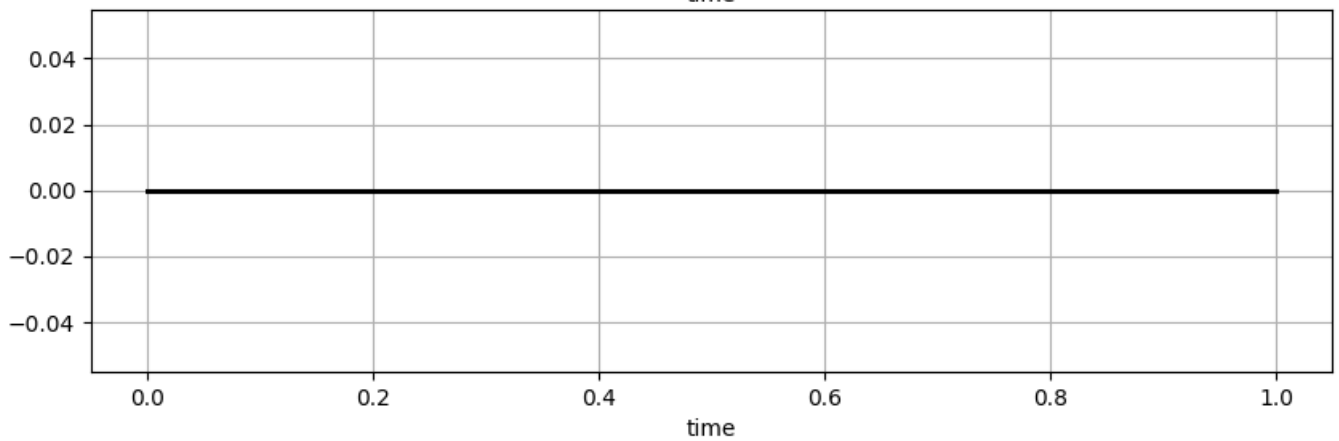
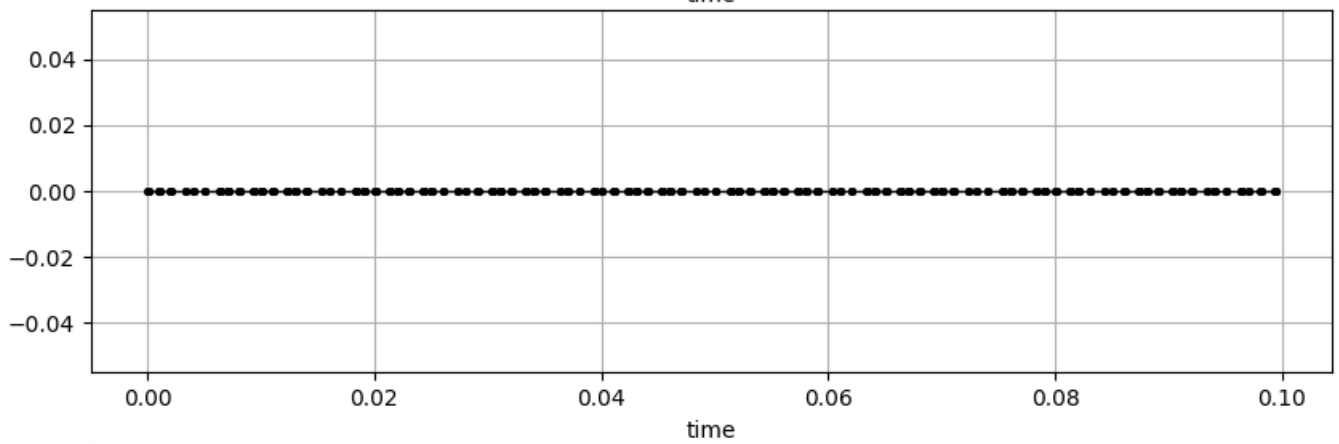
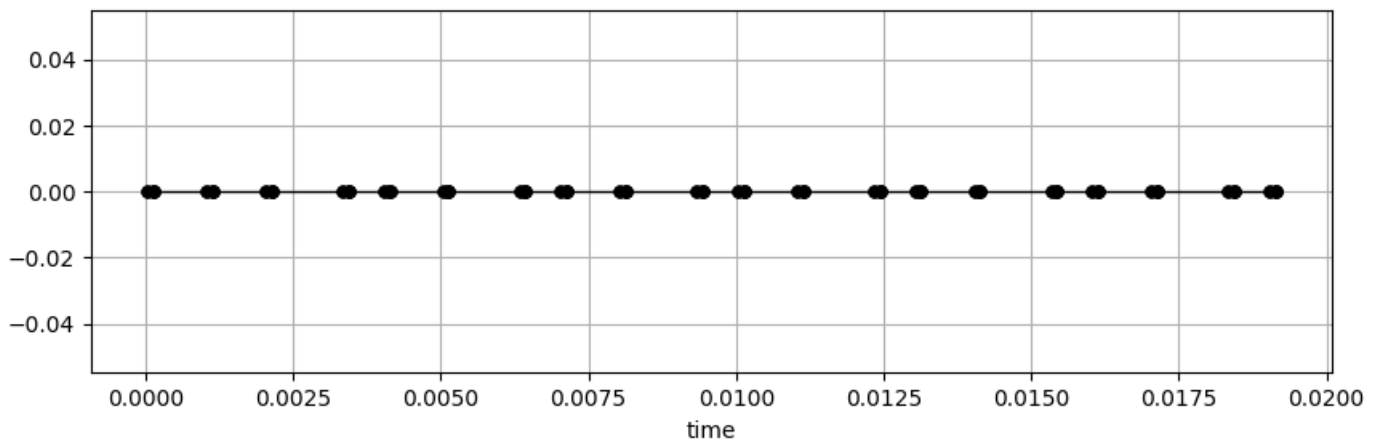
SWQueueingTime

Maximum : 0.0

Minimum : 0.0

Mean : 0.0

SWQueueingTime for VL1 in AutoNetwork.ESGroup[0].afdxMarshall[0]



### 3.2. VL2 Statistics

E2ELatency

Maximum : 1.99826618

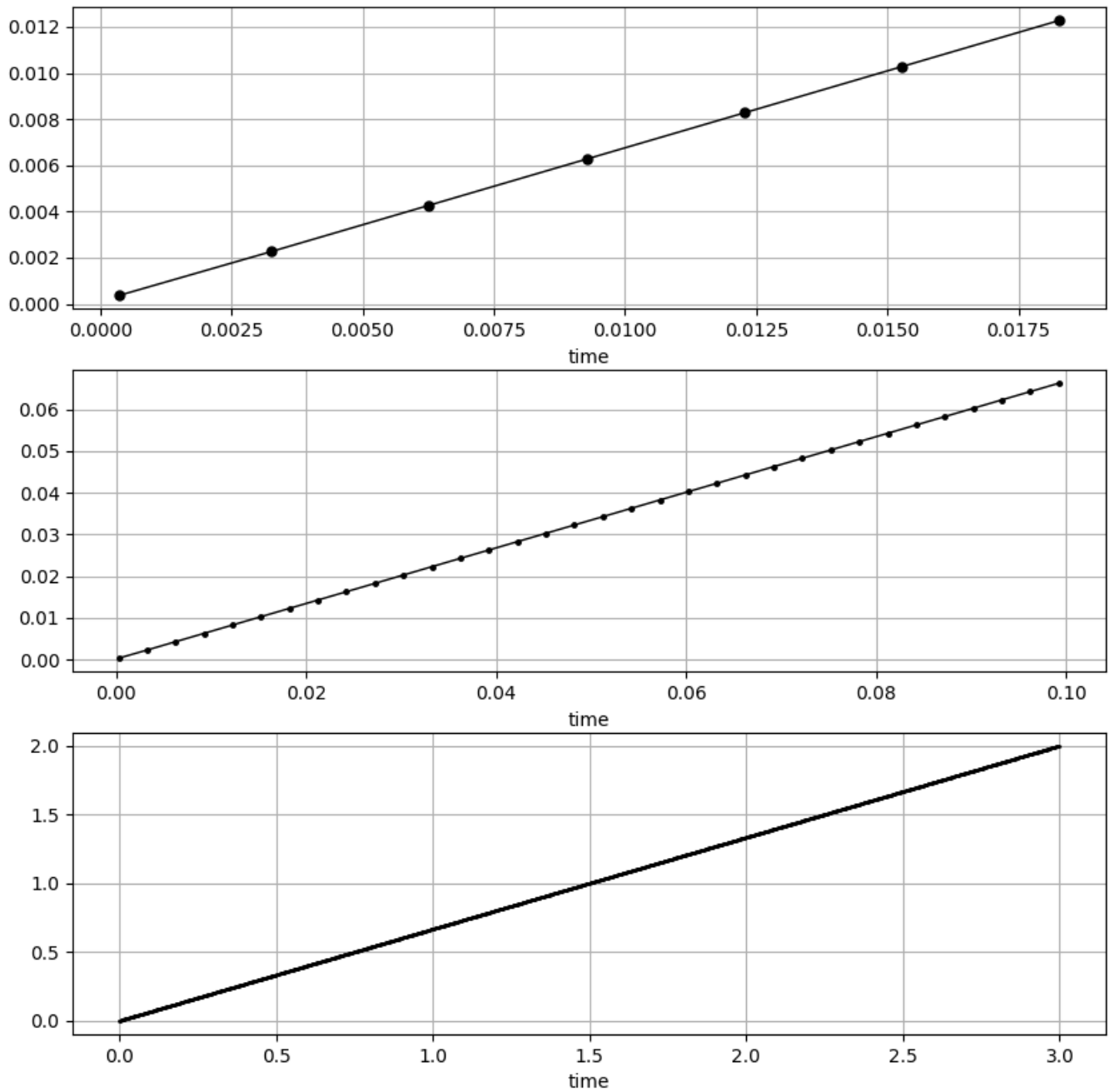
Minimum : 0.00036618

Mean : 0.99926628

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

E2ELatency for VL2 in AutoNetwork.ESGroup[0].afdxMarshall[1]



ESBagLatency

Maximum : 1.998032

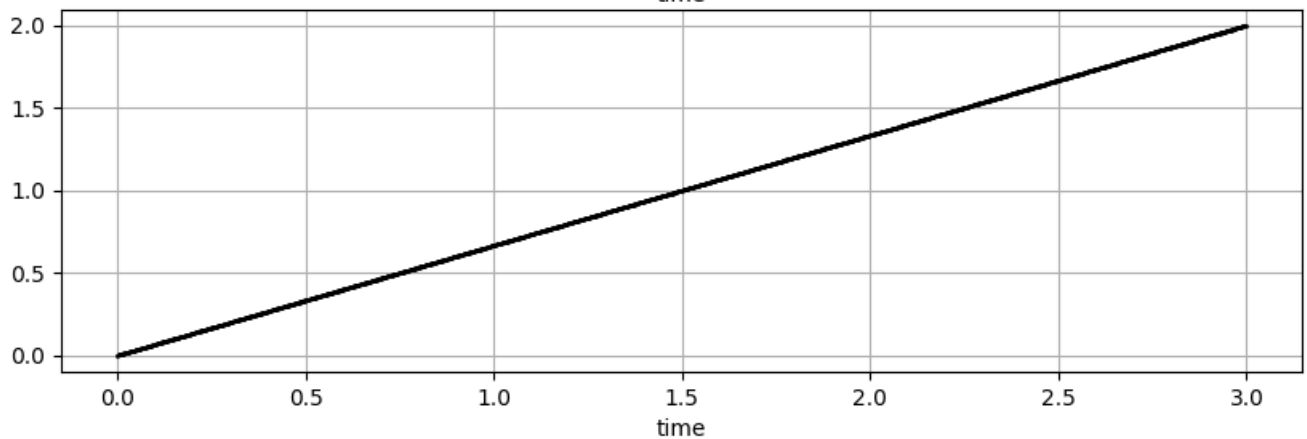
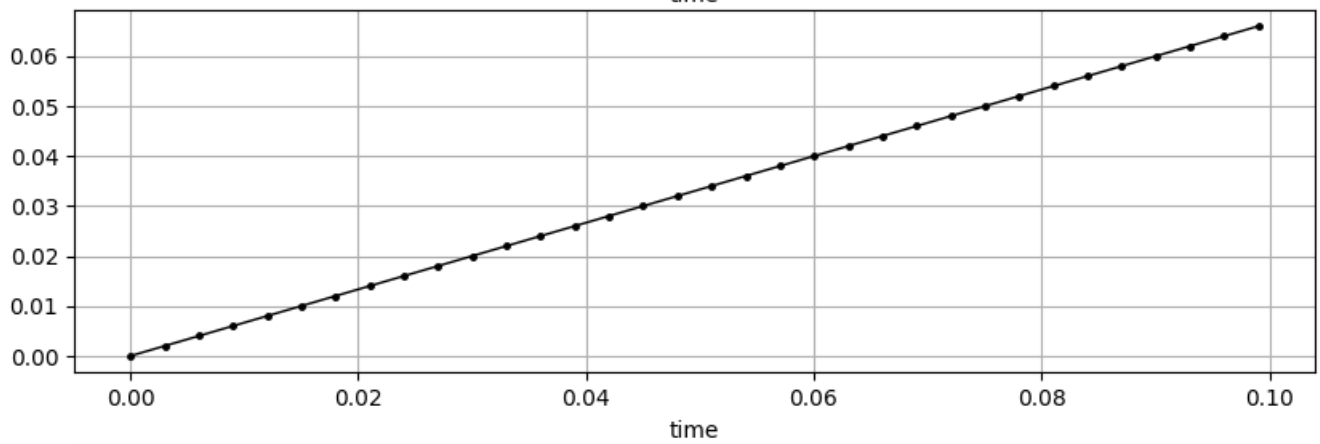
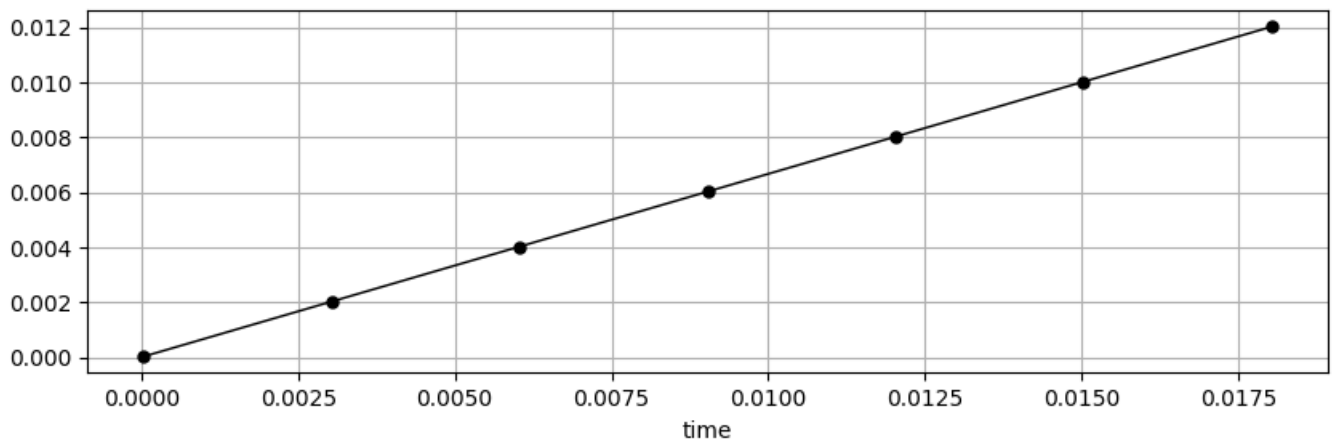
Minimum : 3.2e-05

Mean : 0.999032

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

ESBagLatency for VL2 in AutoNetwork.ESGroup[0].afdxMarshall[1]



## ESSchedulingLatency

Maximum : 0.00019909

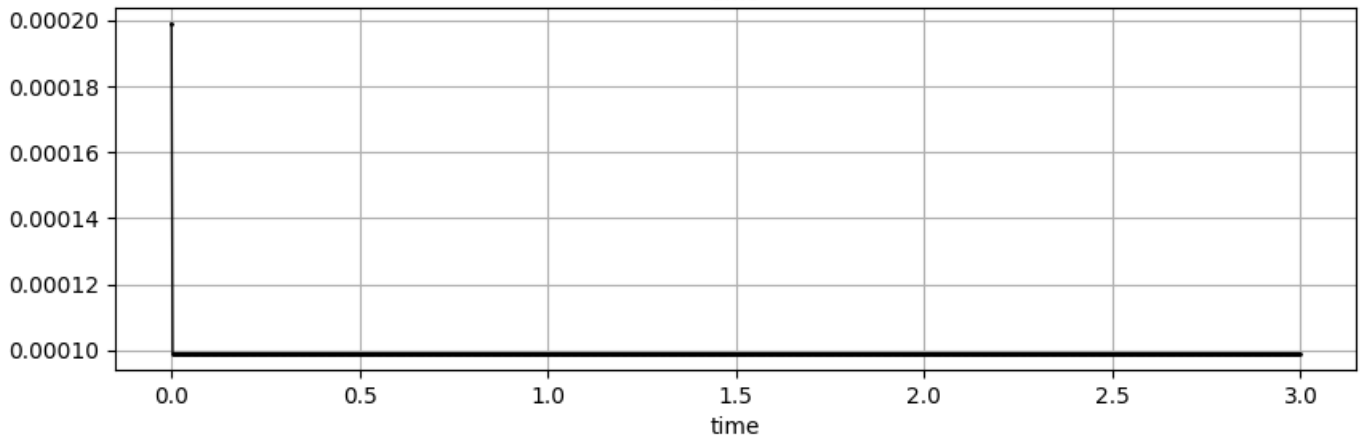
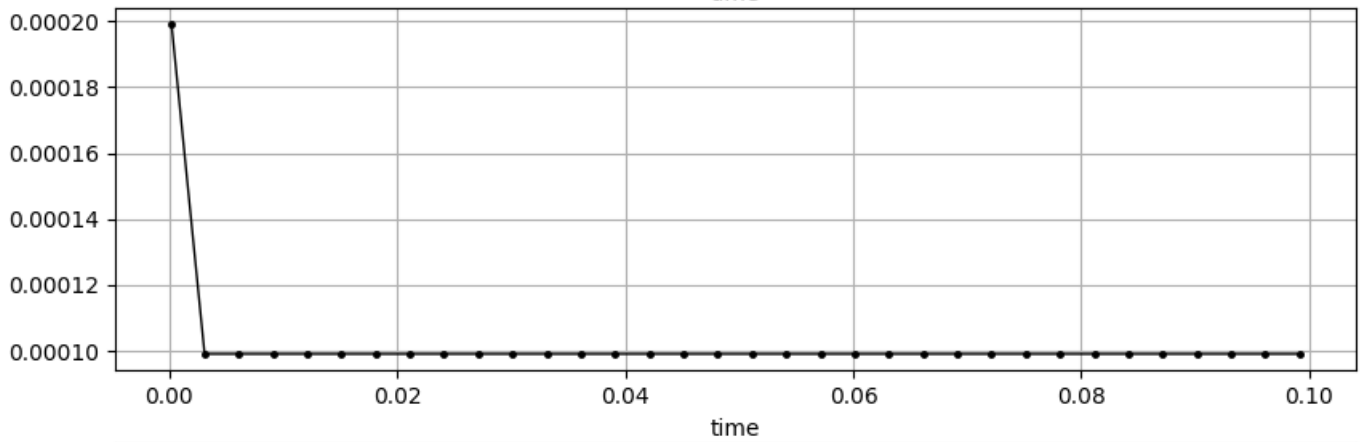
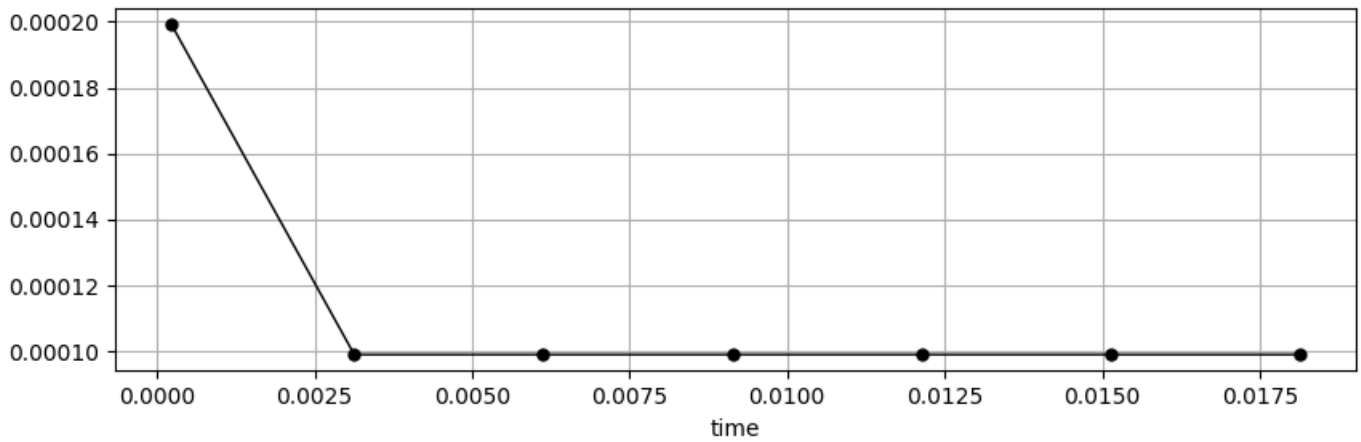
Minimum : 9.909e-05

Mean : 9.919e-05

Simulation mean is in 0.2% band of true mean with 95% confidence

Simulation mean is in 0.3% band of true mean with 99% confidence

ESSchedulingLatency for VL2 in AutoNetwork.ESGroup[0].afdxMarshall[1]





ESTotalLatency

Maximum : 1.998032

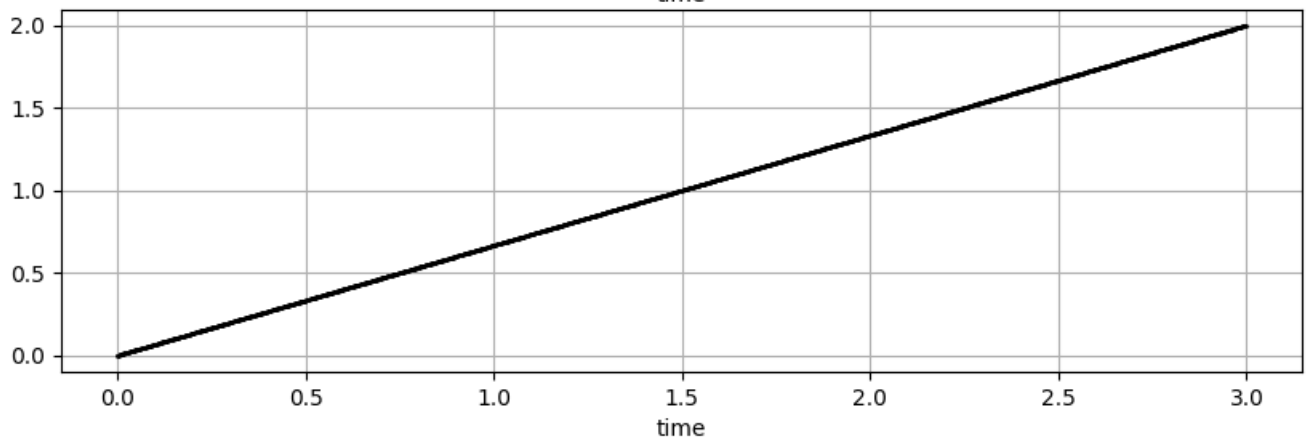
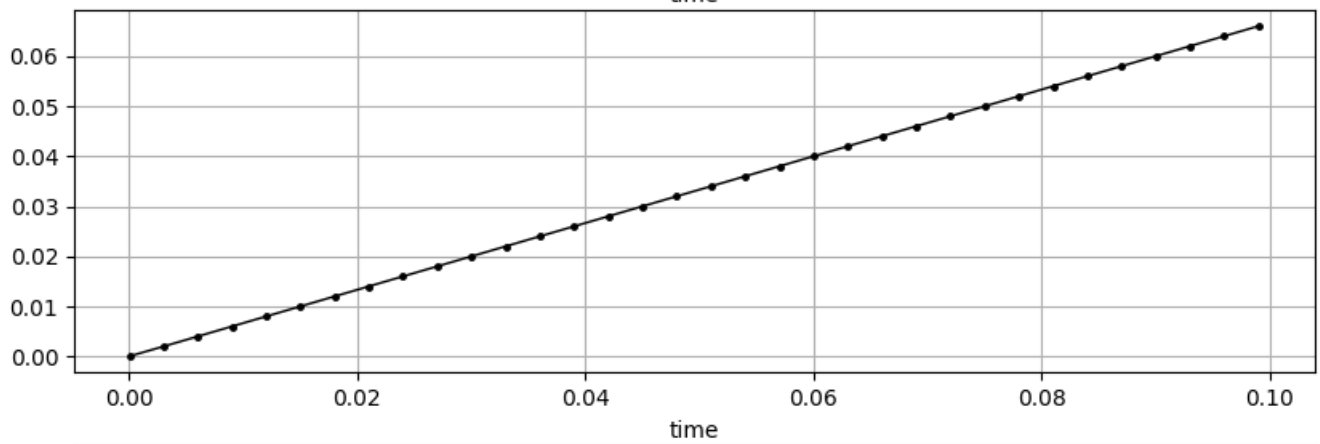
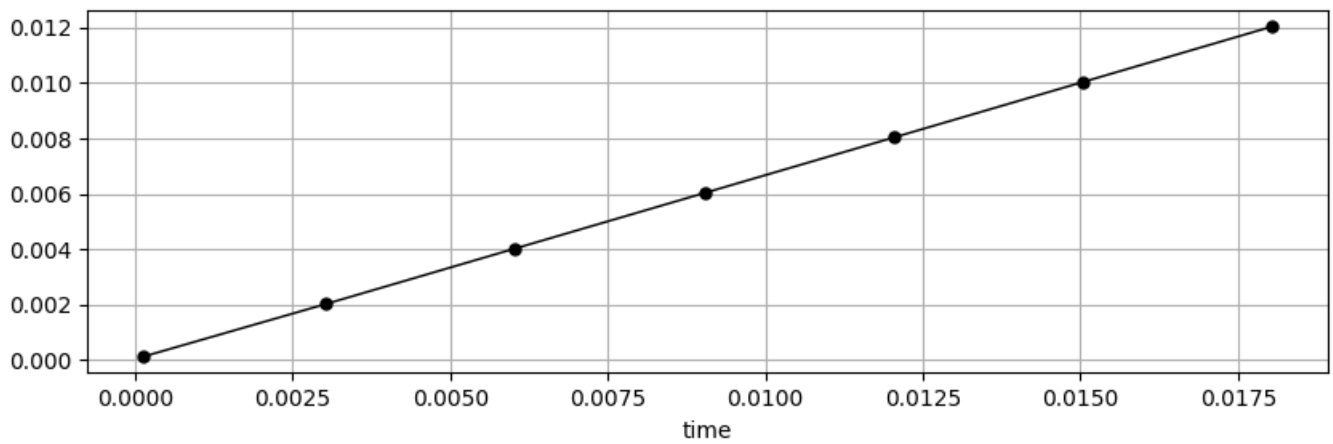
Minimum : 0.000132

Mean : 0.9990321

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

ESTotalLatency for VL2 in AutoNetwork.ESGroup[0].afdxMarshall[1]



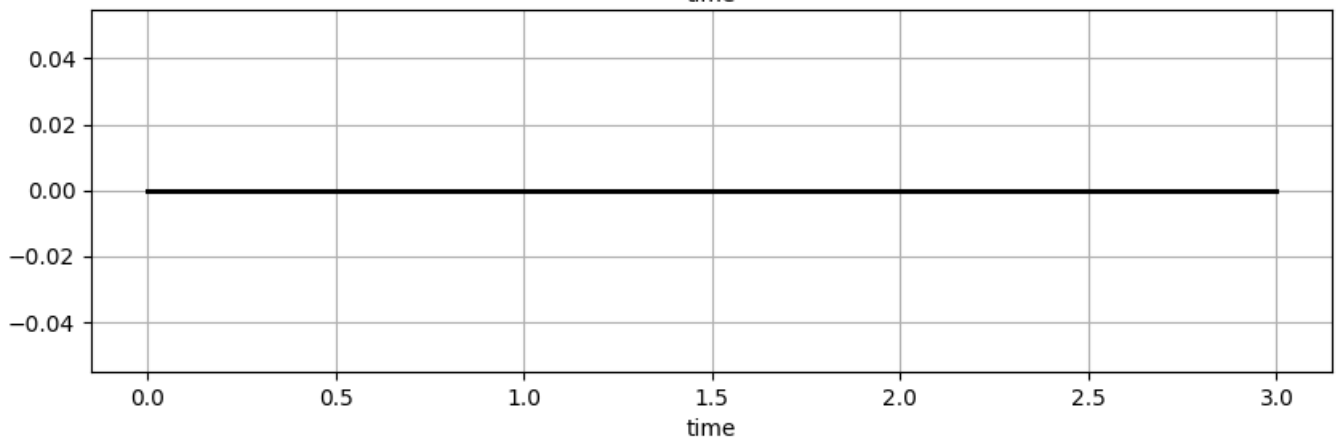
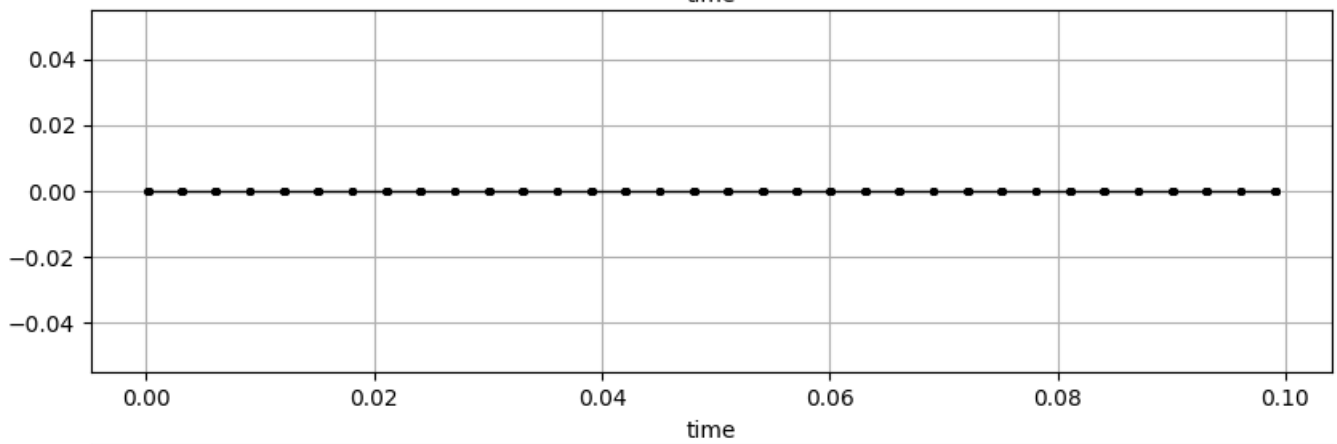
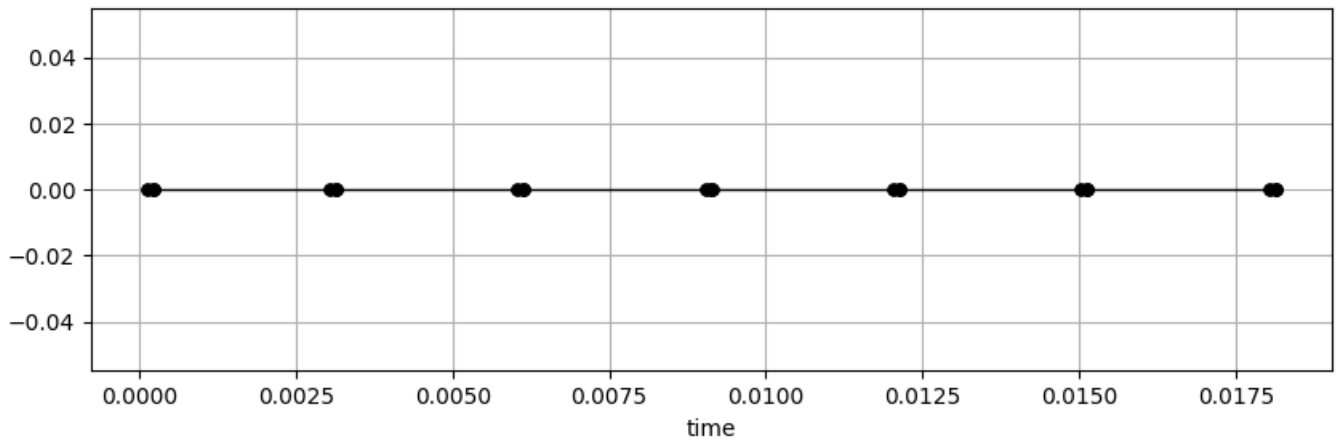
SWQueueingTime

Maximum : 0.0

Minimum : 0.0

Mean : 0.0

SWQueueingTime for VL2 in AutoNetwork.ESGroup[0].afdxMarshall[1]



### 3.3. VL3 Statistics

E2ELatency

Maximum : 1.99836618

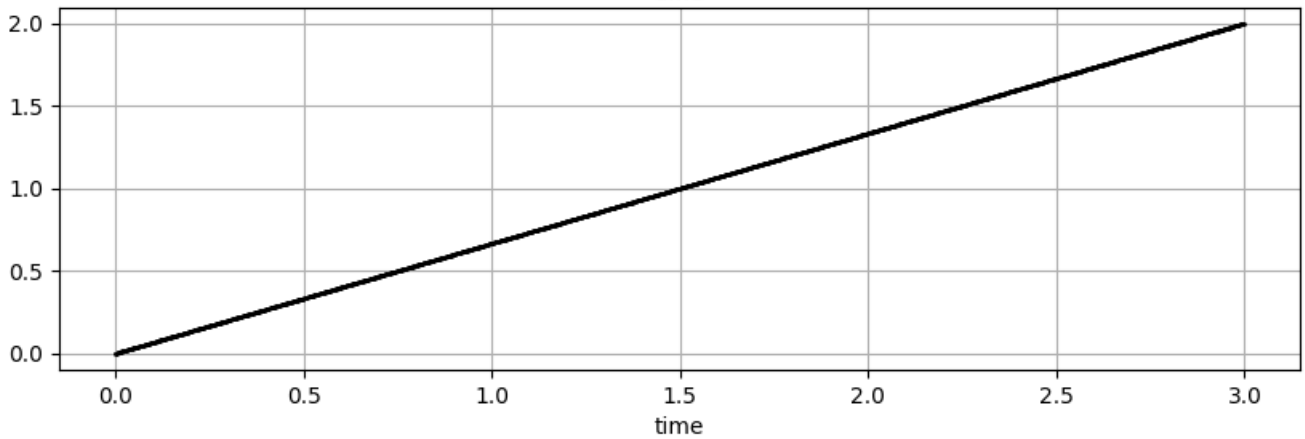
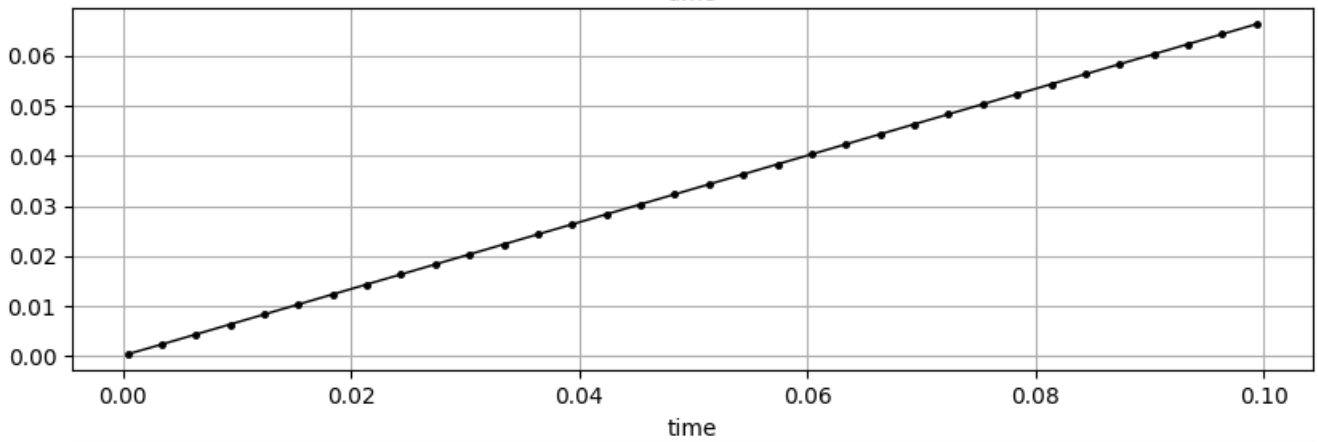
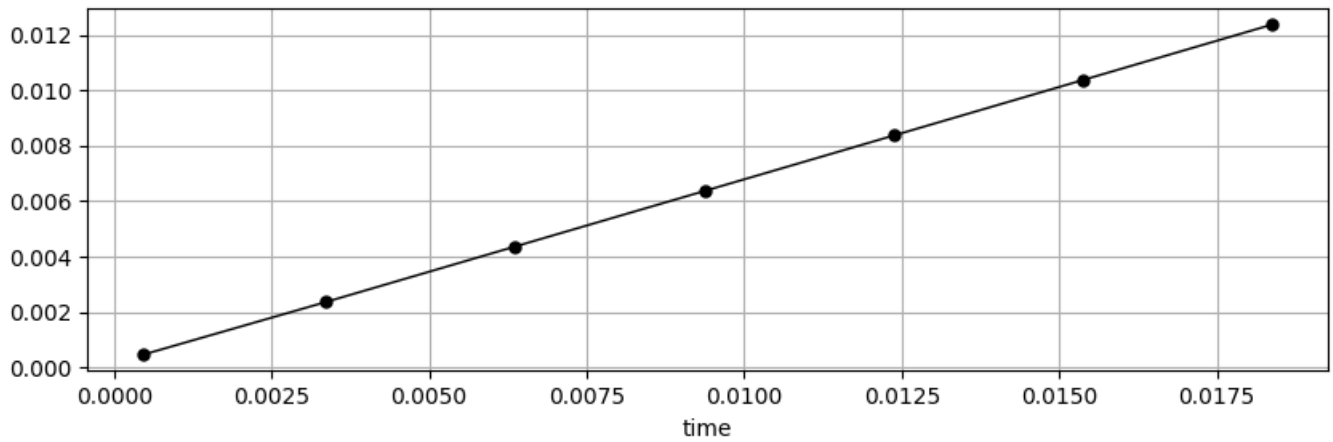
Minimum : 0.00046618

Mean : 0.99936628

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

E2ELatency for VL3 in AutoNetwork.ESGroup[0].afdxMarshall[2]



ESBagLatency

Maximum : 1.998032

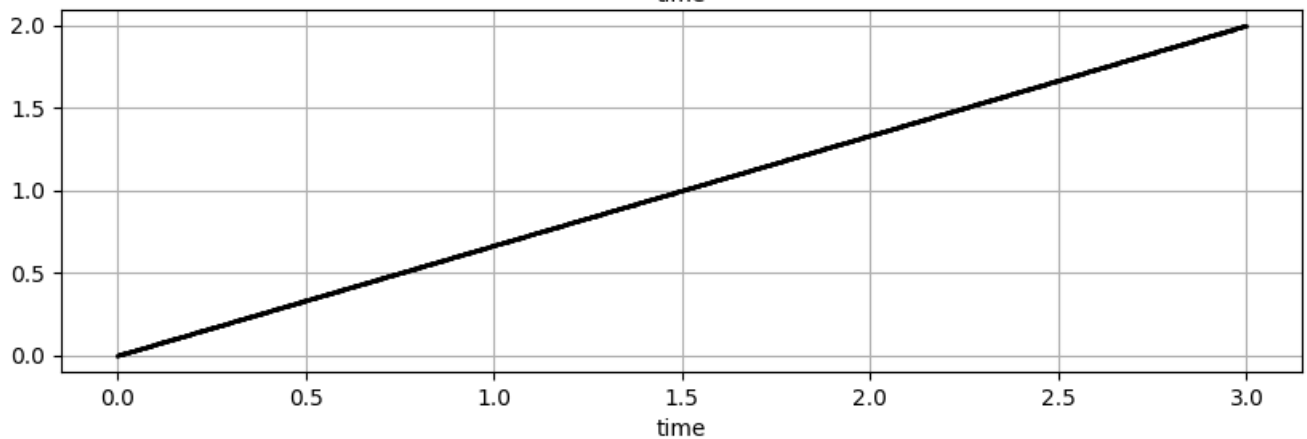
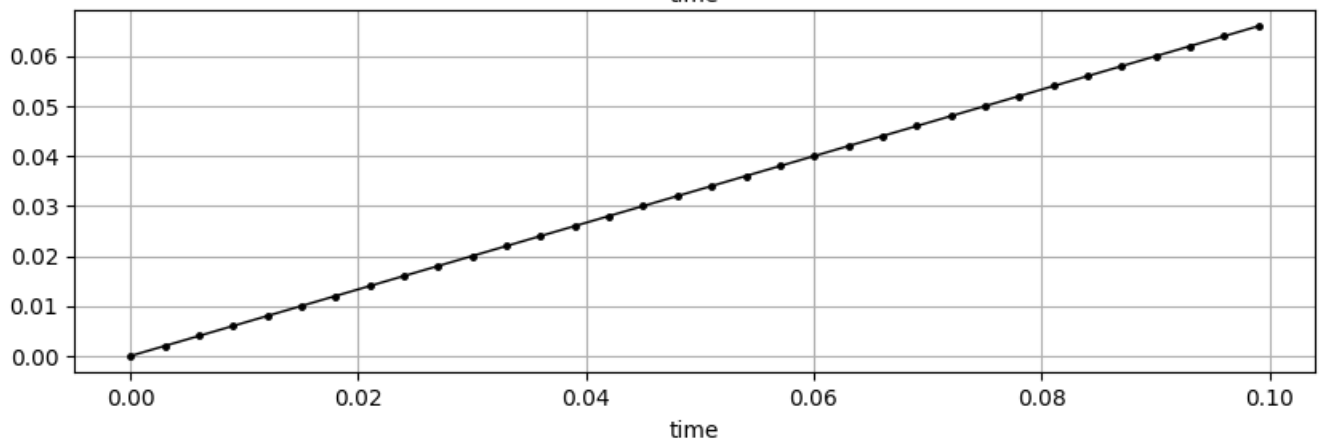
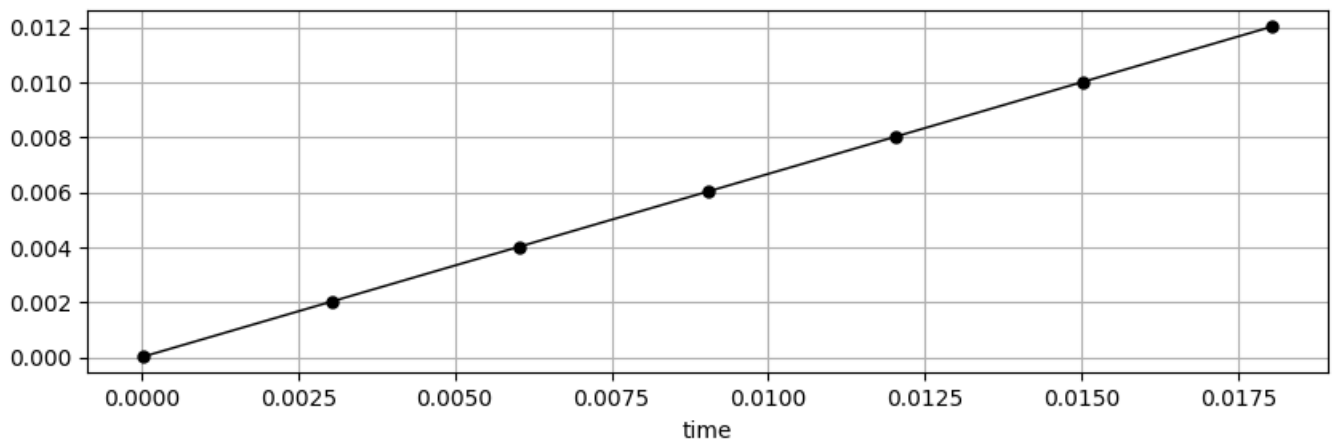
Minimum : 3.2e-05

Mean : 0.999032

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

ESBagLatency for VL3 in AutoNetwork.ESGroup[0].afdxMarshall[2]



## ESSchedulingLatency

Maximum : 0.00029909

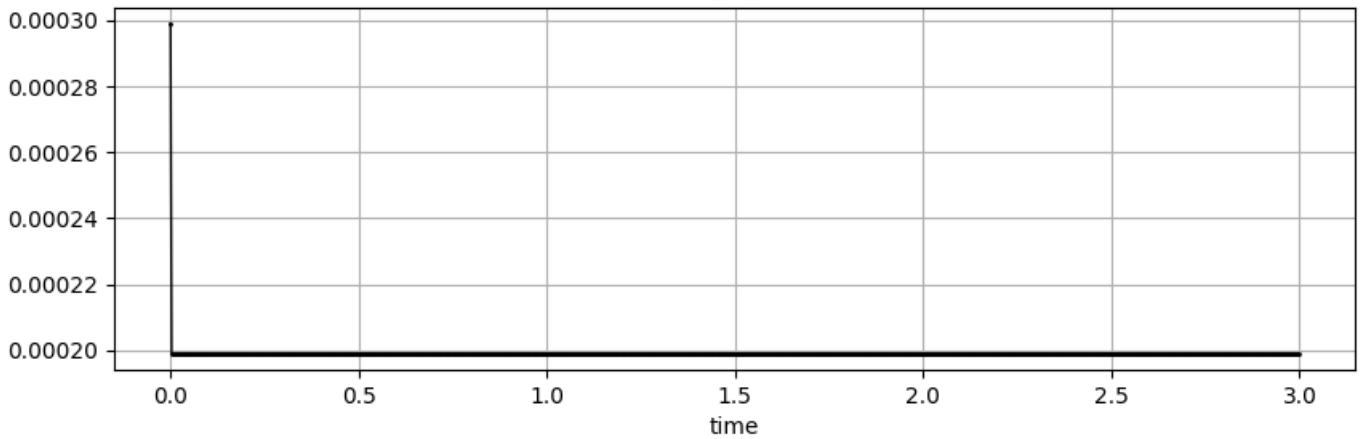
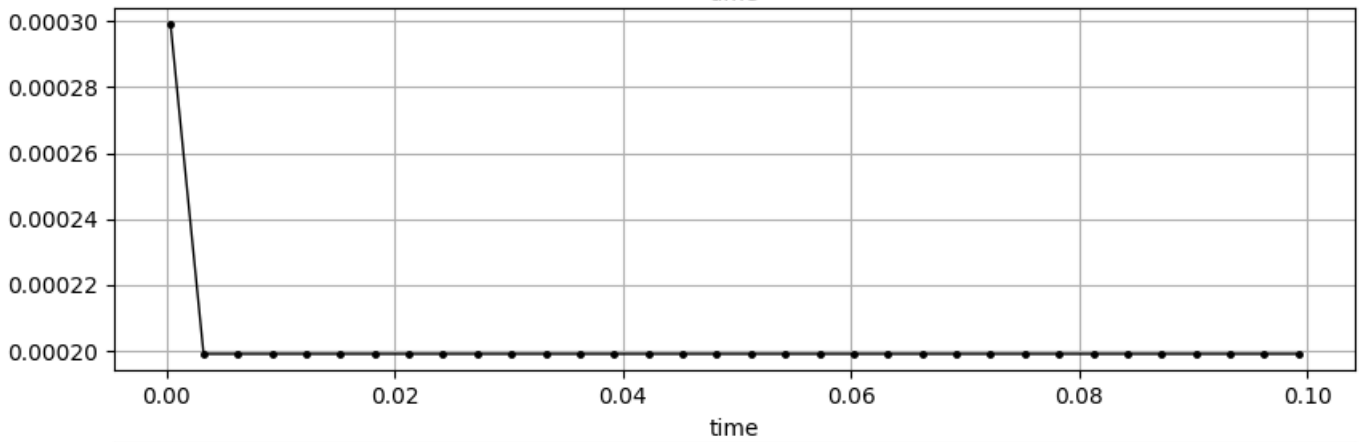
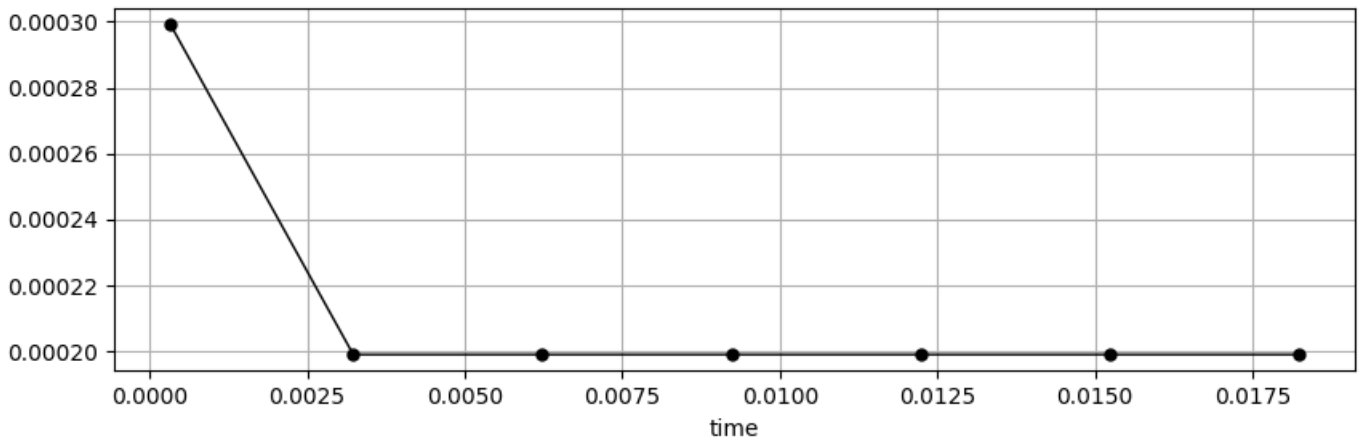
Minimum : 0.00019909

Mean : 0.00019919

Simulation mean is in 0.1% band of true mean with 95% confidence

Simulation mean is in 0.1% band of true mean with 99% confidence

ESSchedulingLatency for VL3 in AutoNetwork.ESGroup[0].afdxMarshall[2]



ESTotalLatency

Maximum : 1.998132

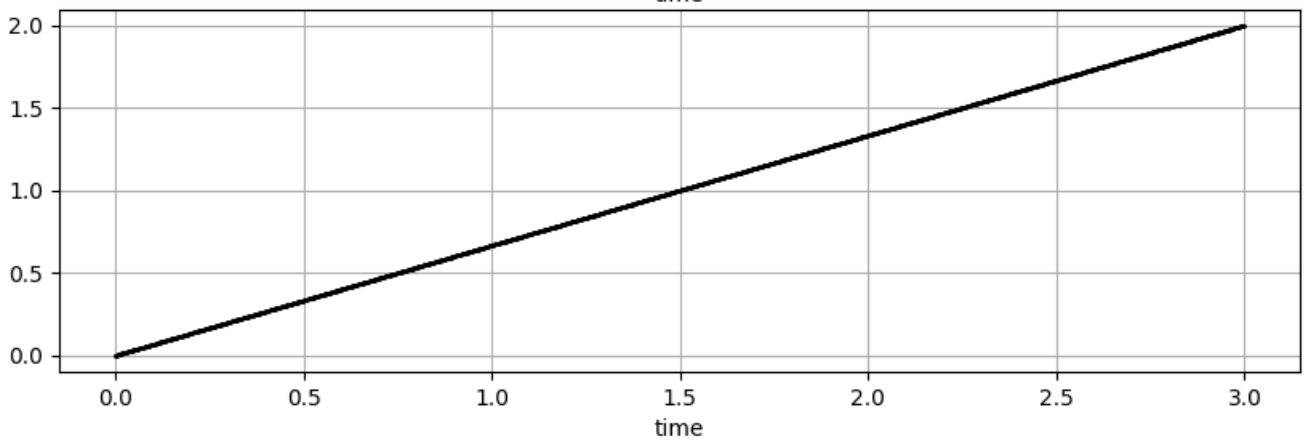
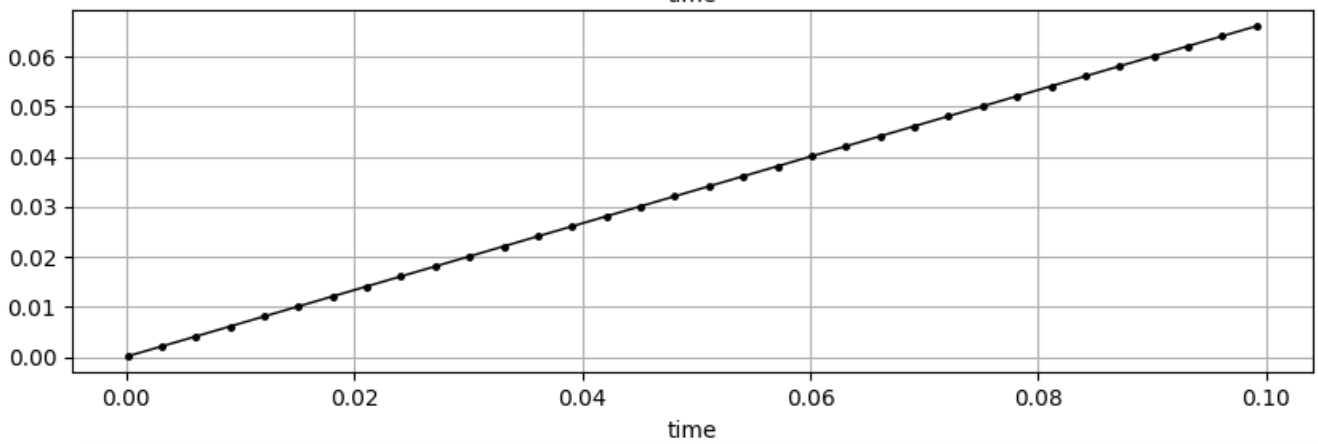
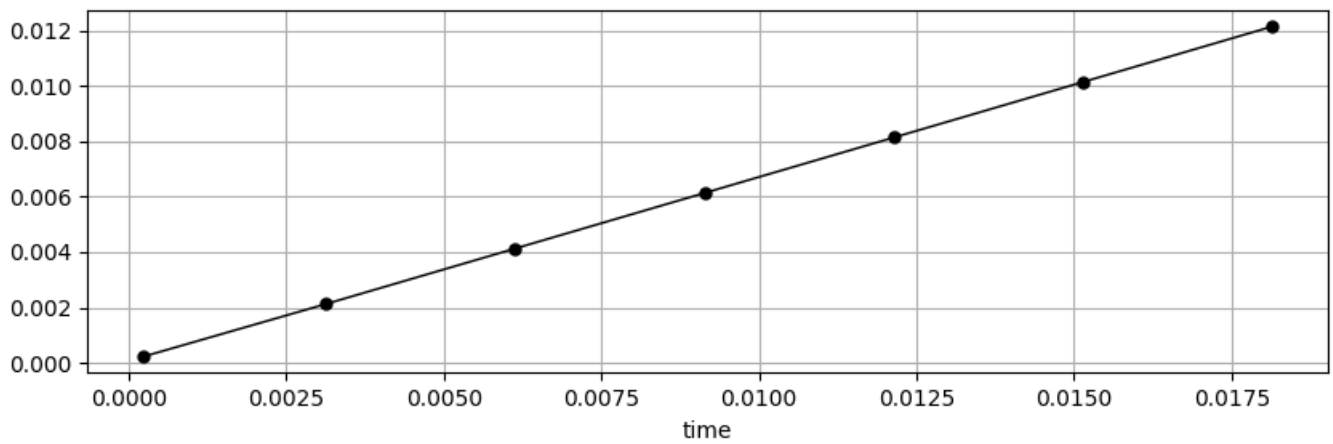
Minimum : 0.000232

Mean : 0.9991321

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

ESTotalLatency for VL3 in AutoNetwork.ESGroup[0].afdxMarshall[2]



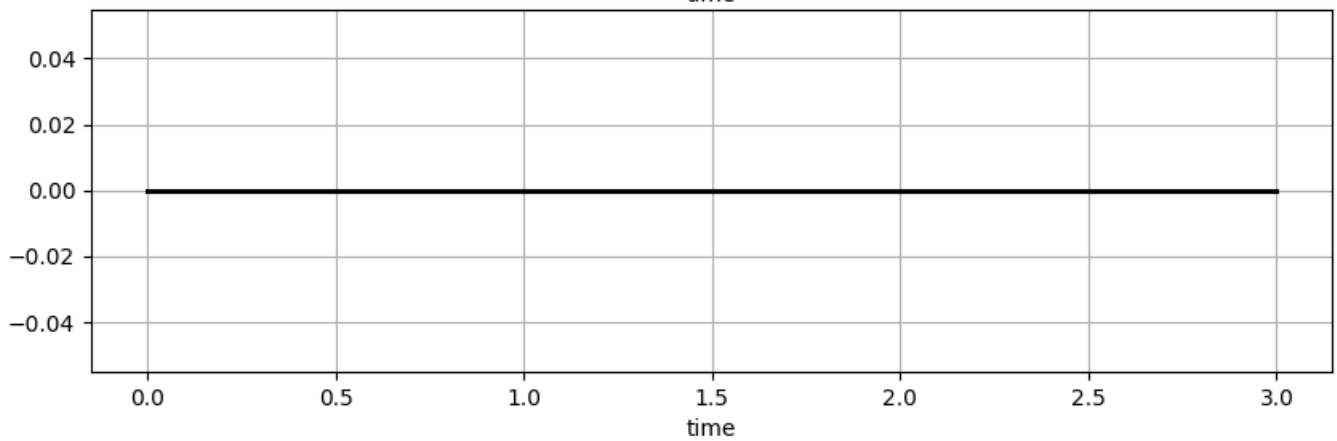
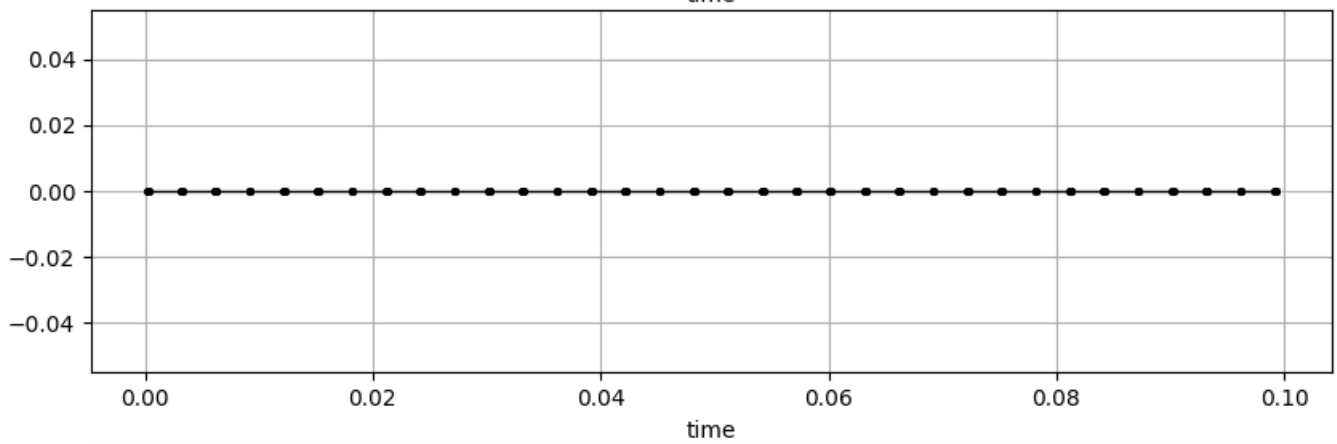
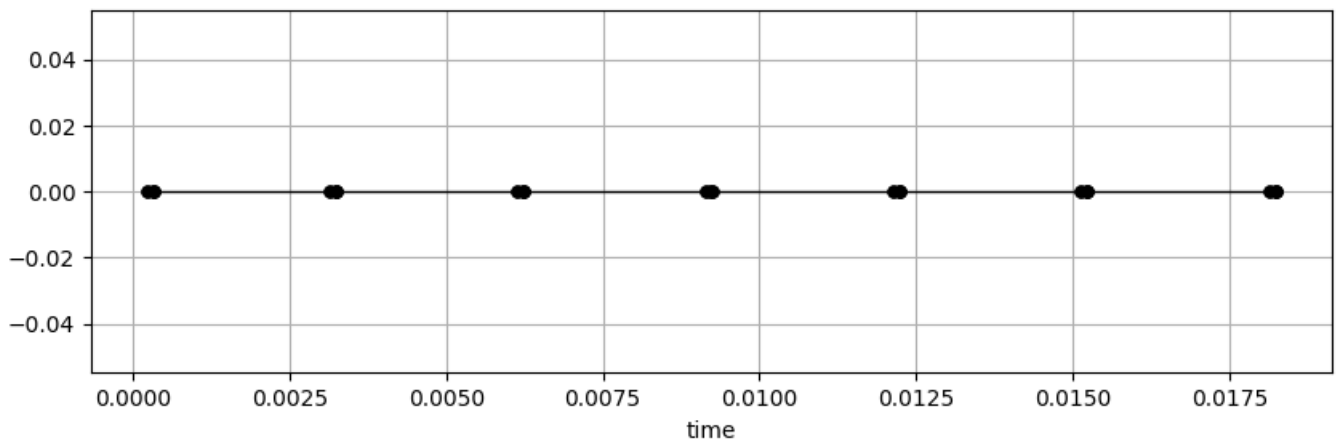
SWQueueingTime

Maximum : 0.0

Minimum : 0.0

Mean : 0.0

SWQueueingTime for VL3 in AutoNetwork.ESGroup[0].afdxMarshall[2]



### 3.4. VL4 Statistics

E2ELatency

Maximum : 1.99846618

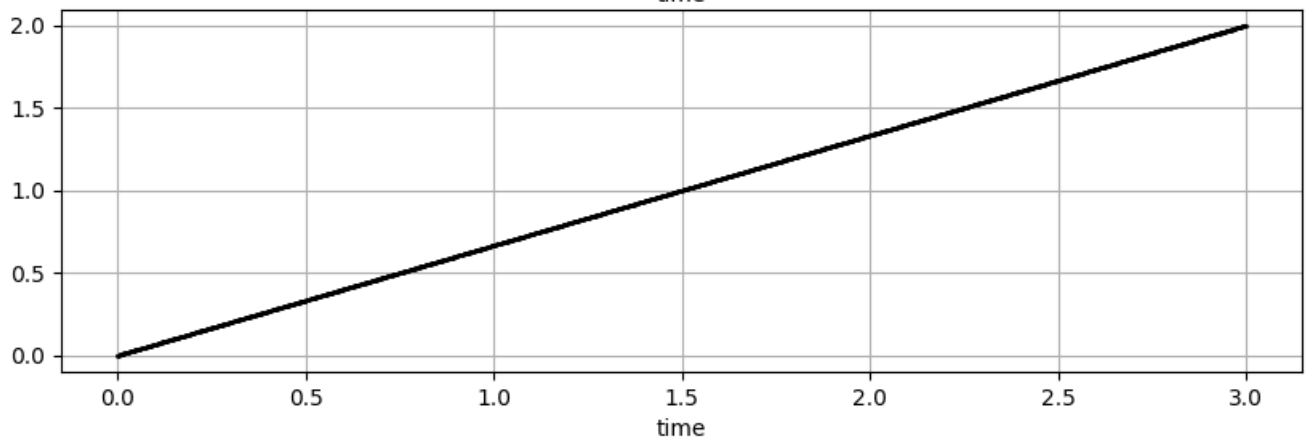
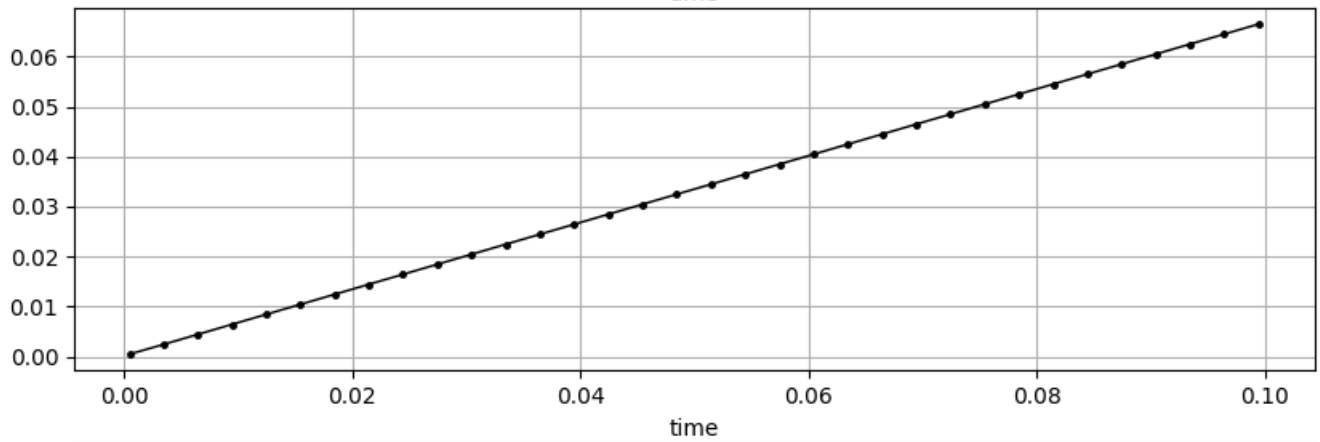
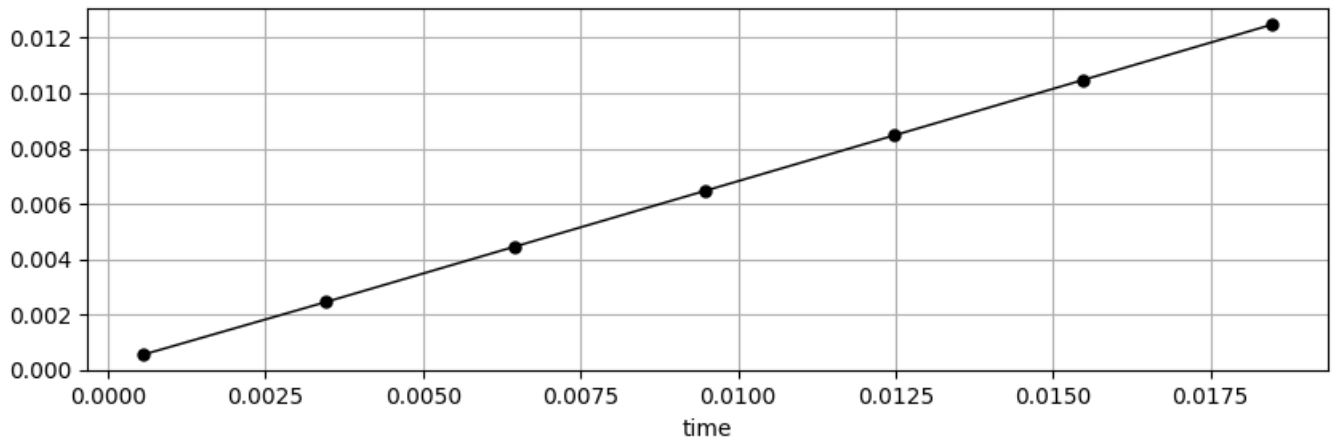
Minimum : 0.00056618

Mean : 0.99946628

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

E2ELatency for VL4 in AutoNetwork.ESGroup[0].afdxMarshall[3]





ESBagLatency

Maximum : 1.998032

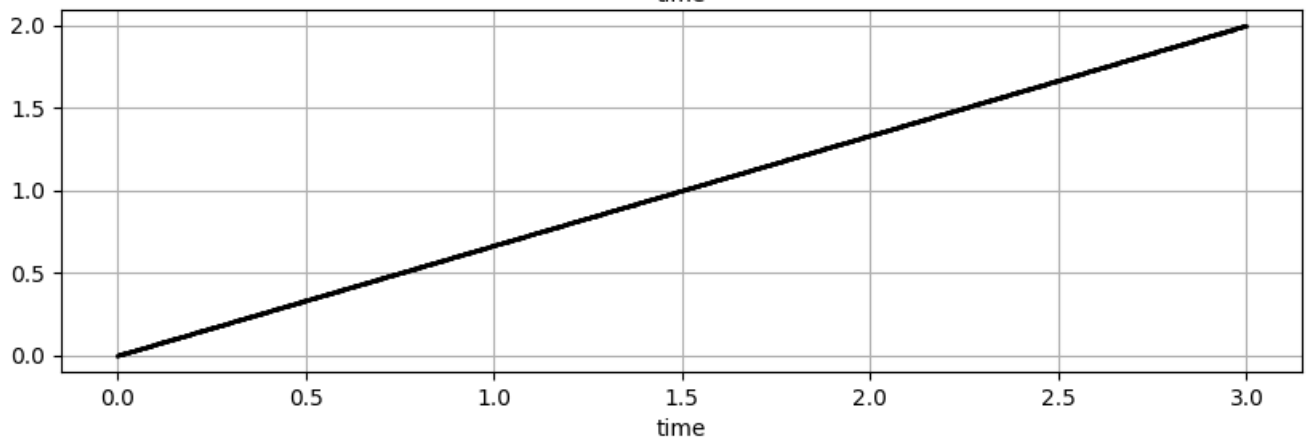
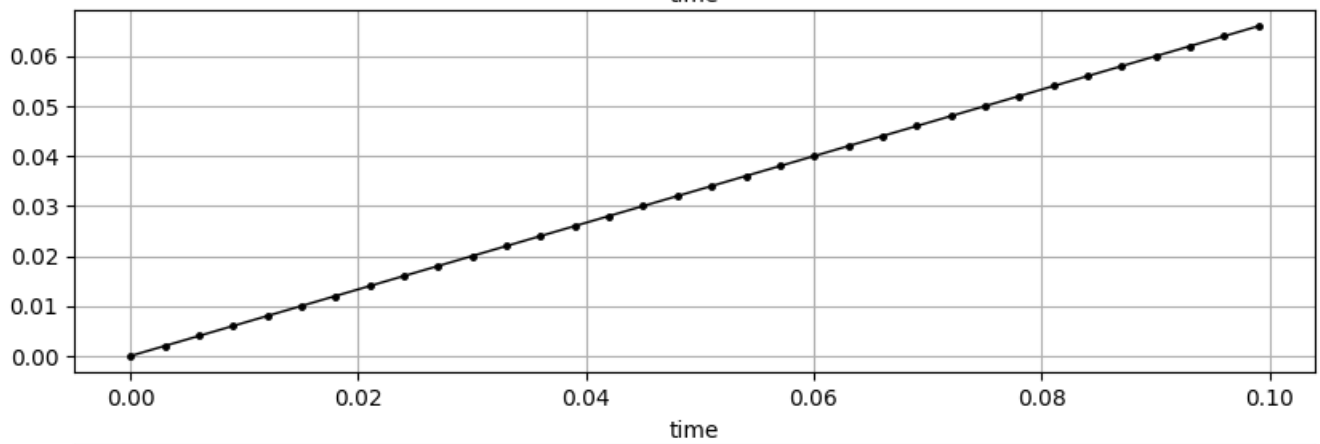
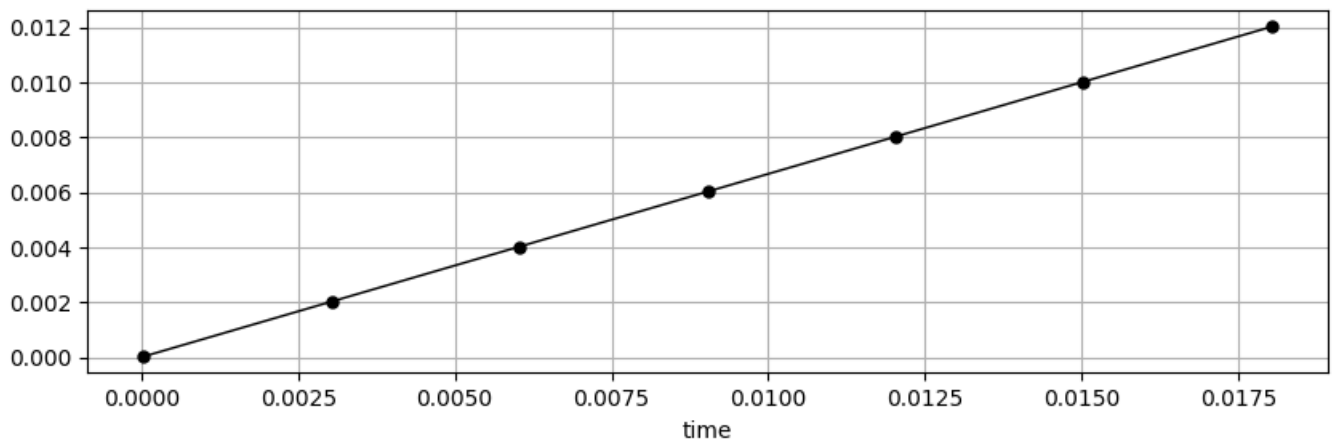
Minimum : 3.2e-05

Mean : 0.999032

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

ESBagLatency for VL4 in AutoNetwork.ESGroup[0].afdxMarshall[3]



ESSchedulingLatency

Maximum : 0.00039909

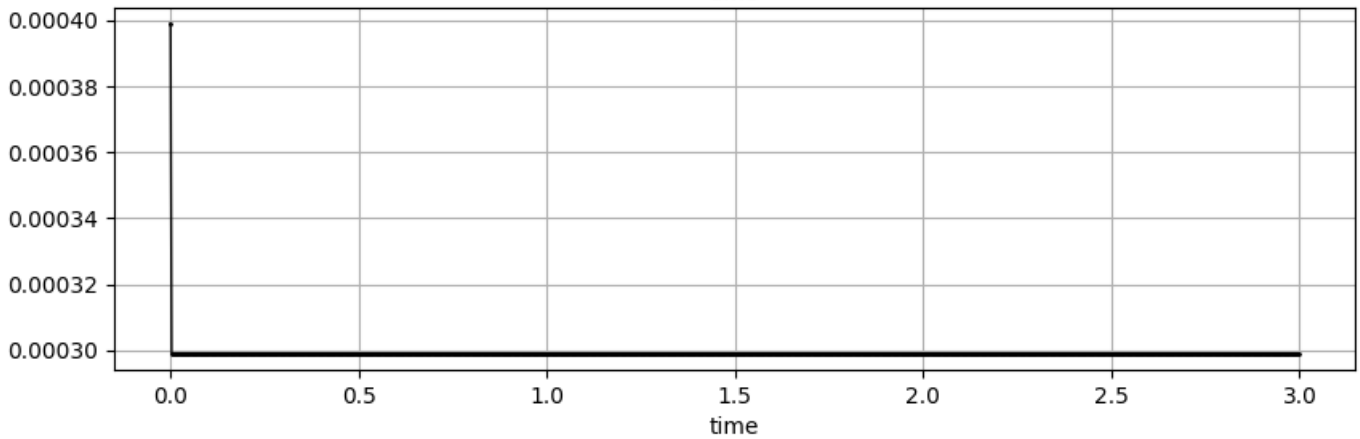
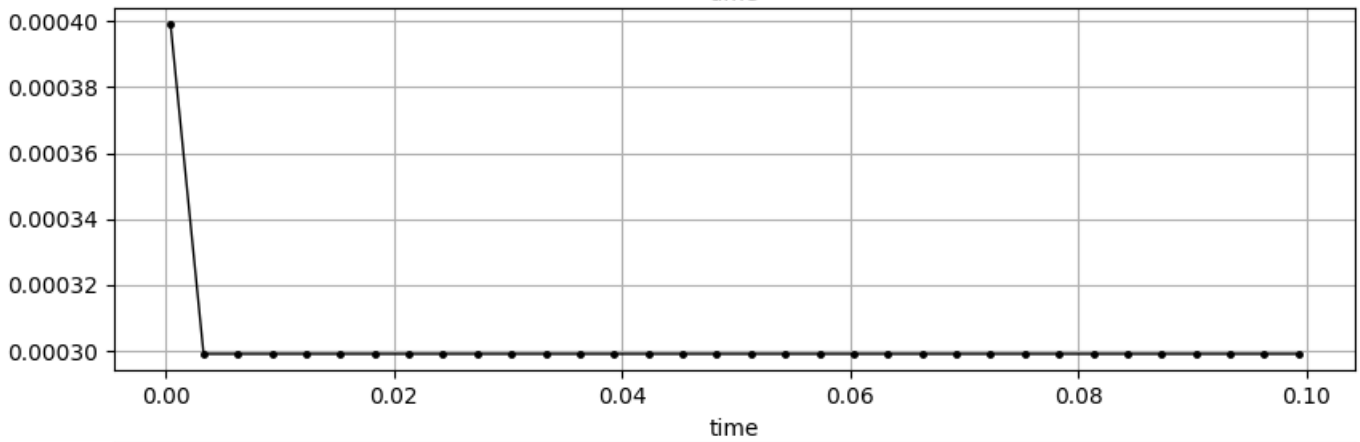
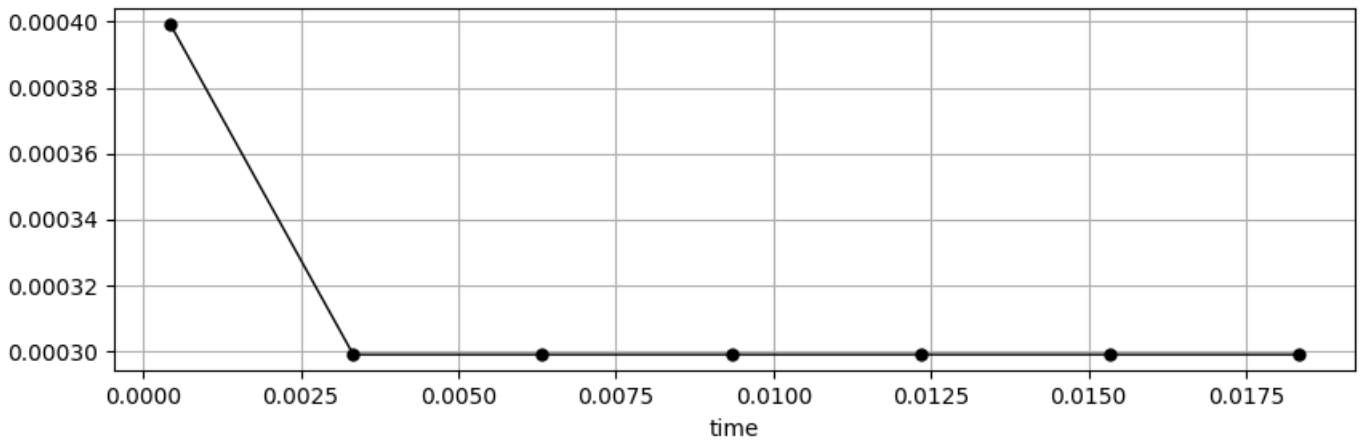
Minimum : 0.00029909

Mean : 0.00029919

Simulation mean is in 0.1% band of true mean with 95% confidence

Simulation mean is in 0.1% band of true mean with 99% confidence

ESSchedulingLatency for VL4 in AutoNetwork.ESGroup[0].afdxMarshall[3]



ESTotalLatency

Maximum : 1.998232

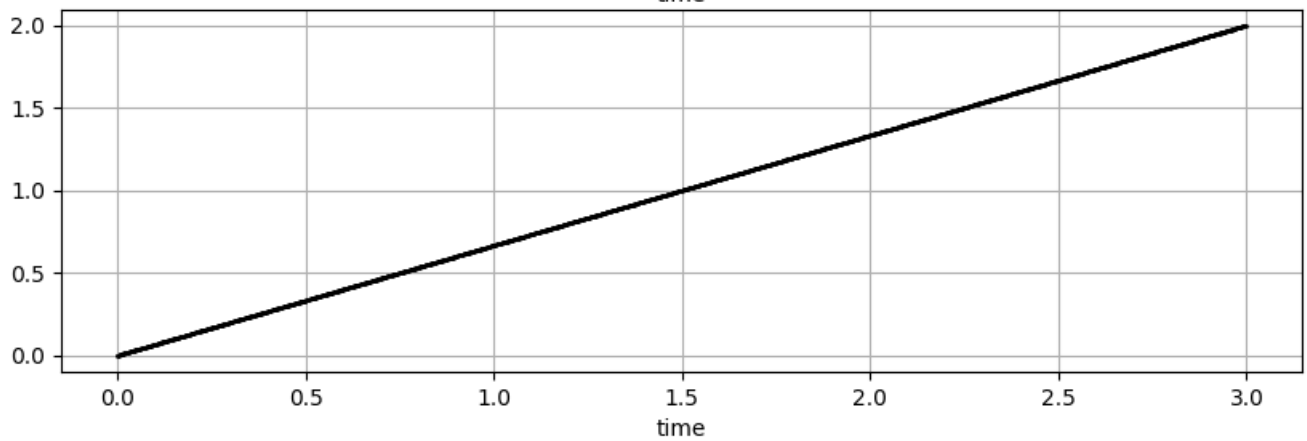
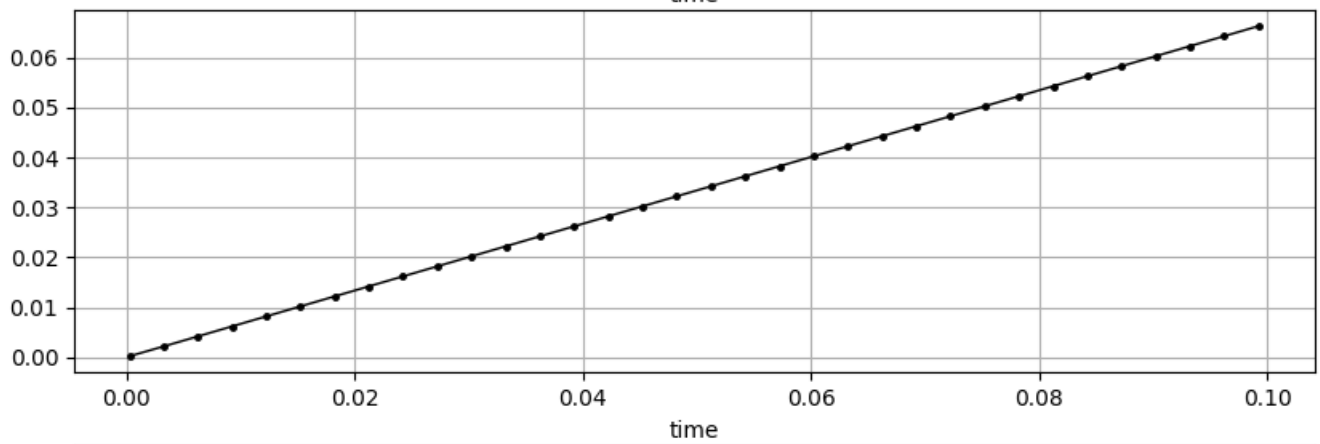
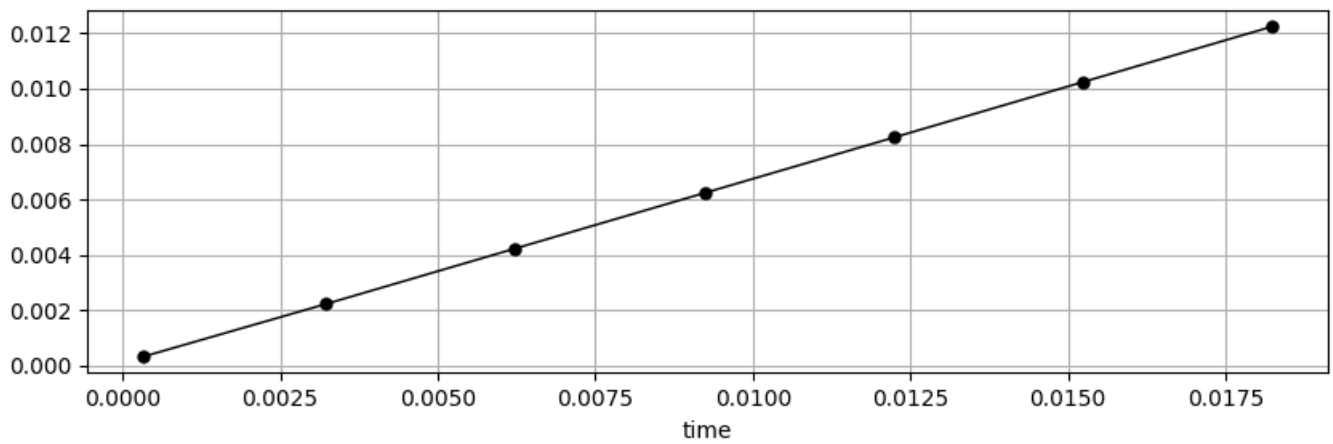
Minimum : 0.000332

Mean : 0.9992321

Simulation mean is in 3.6% band of true mean with 95% confidence

Simulation mean is in 4.7% band of true mean with 99% confidence

ESTotalLatency for VL4 in AutoNetwork.ESGroup[0].afdxMarshall[3]



SWQueueingTime

Maximum : 0.0

Minimum : 0.0

Mean : 0.0

SWQueueingTime for VL4 in AutoNetwork.ESGroup[0].afdxMarshall[3]

