

ANCAT Simulation Results

00:23

03.30.2022

1. General Statistics

1.1. Summary

Overall E2ELatency:

Maximum : 0.000757808132

Mean : 0.000602666885454955

Simulation mean is in 0.3% band of true mean with 95% confidence

Overall ESBagLatency:

Maximum : 3.2e-05

Mean : 3.2e-05

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

Overall ESSchedulingLatency:

Maximum : 0.000413038753

Mean : 0.00017696085013403615

Simulation mean is in 2.0% band of true mean with 95% confidence

Overall ESTotalLatency:

Maximum : 3.2e-05

Mean : 3.2e-05

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

Overall SWQueueingTime:

Maximum : 0.000210858753

Mean : 2.6325850134036145e-05

Simulation mean is in 3.5% band of true mean with 95% confidence

Overall SWQueueLength:

Maximum : 0.0

Mean : 0.0

Combined_E2ELatency

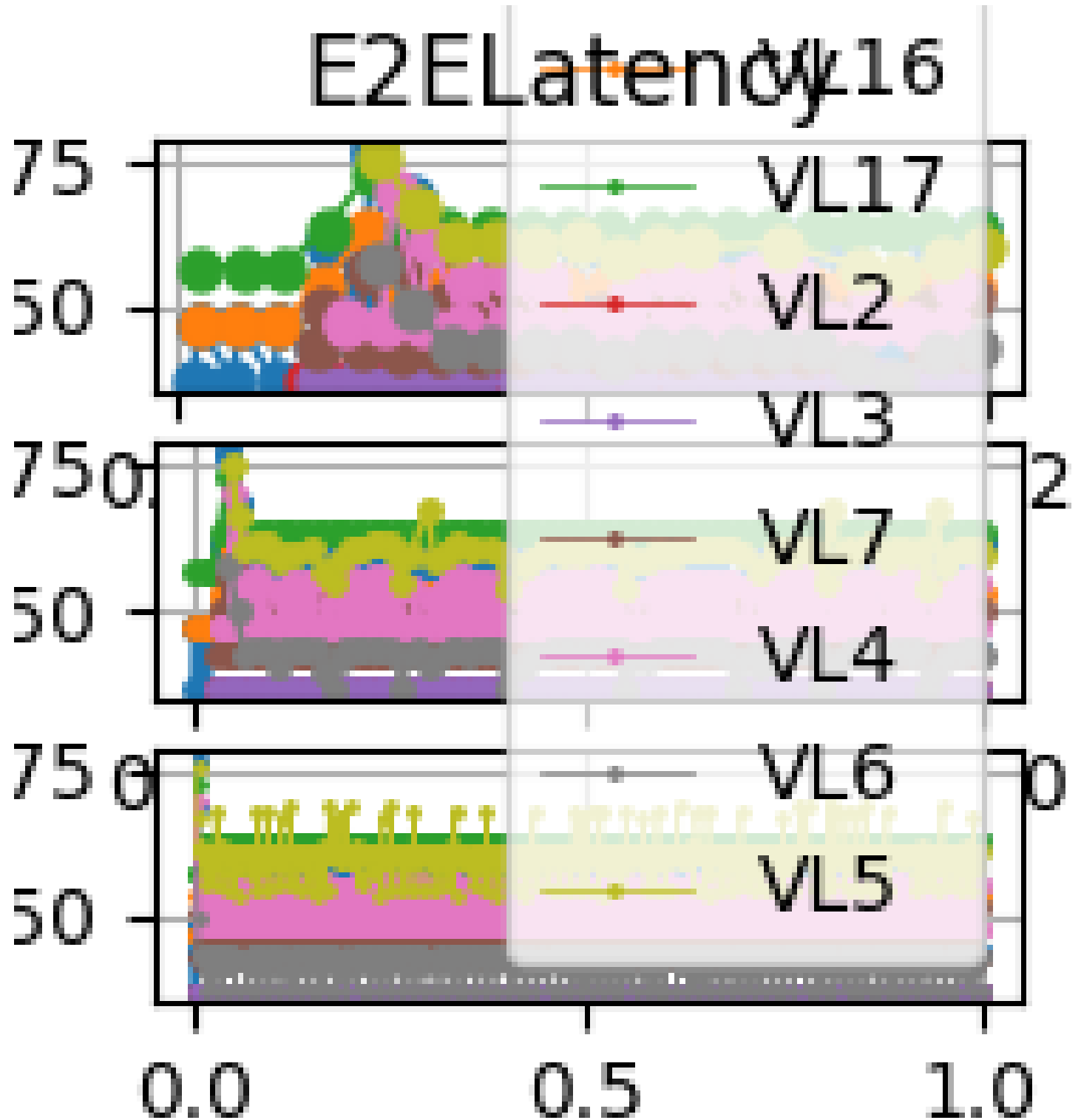
Maximum : 0.000757808132

Minimum : 0.000537829379

Mean : 0.000602666885454955

Simulation mean is in 0.3% band of true mean with 95% confidence

Simulation mean is in 0.4% band of true mean with 99% confidence

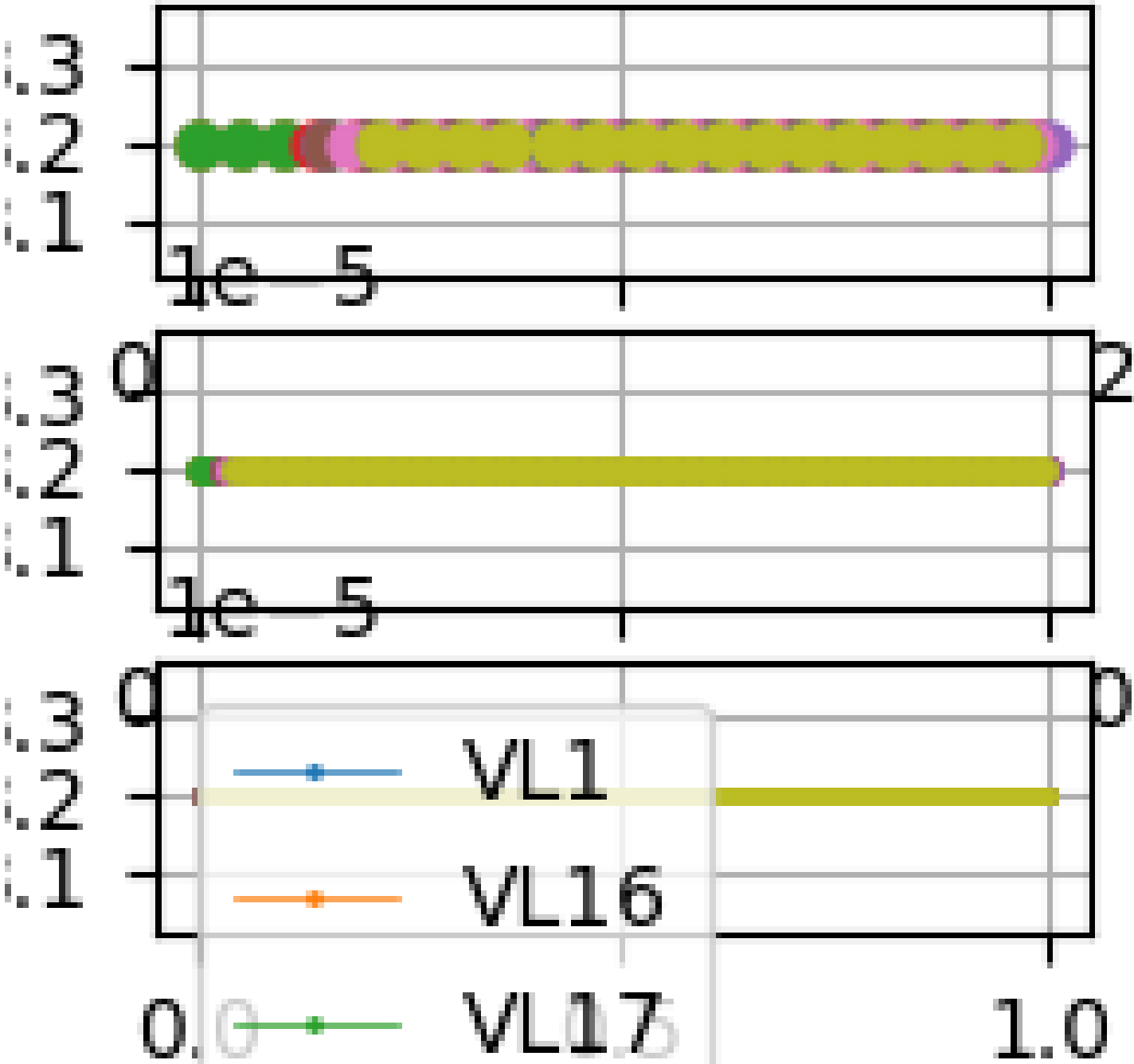


Combined_ESBagLatency

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



Combined_ESSchedulingLatency

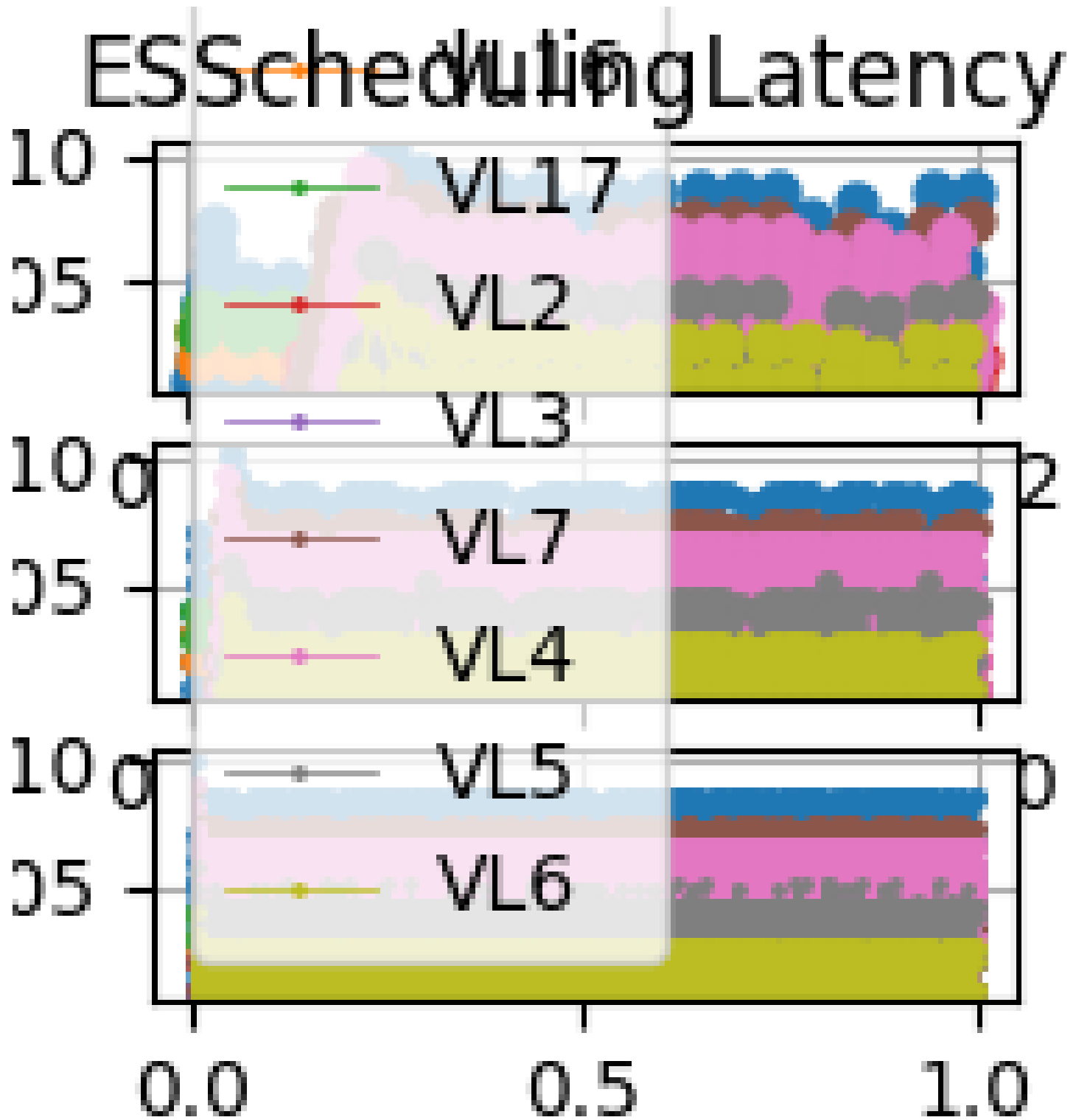
Maximum : 0.000413038753

Minimum : 9.909e-05

Mean : 0.00017696085013403615

Simulation mean is in 2.0% band of true mean with 95% confidence

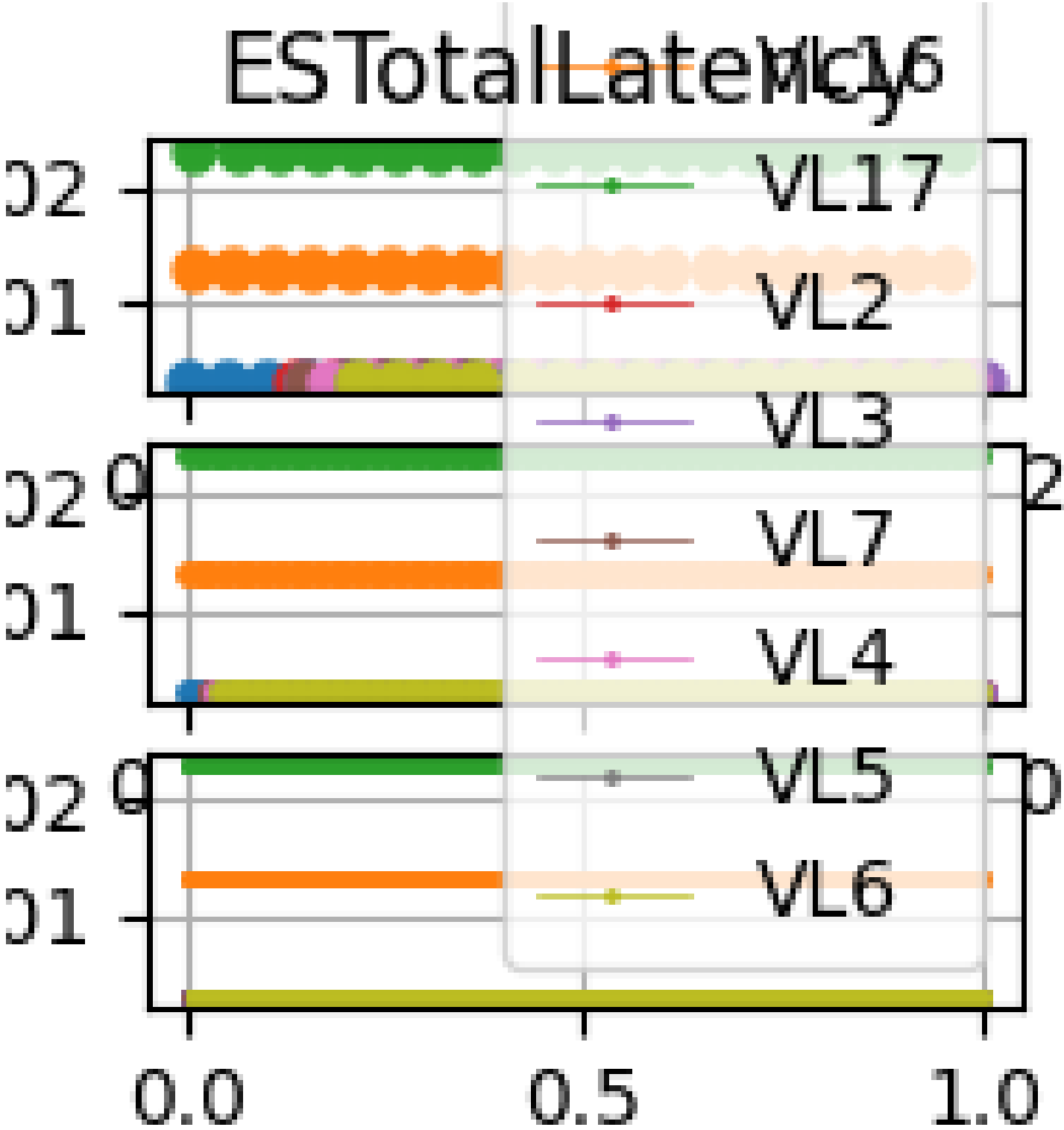
Simulation mean is in 2.6% band of true mean with 99% confidence



Combined_ESTotalLatency

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



Combined_SWQueueingTime

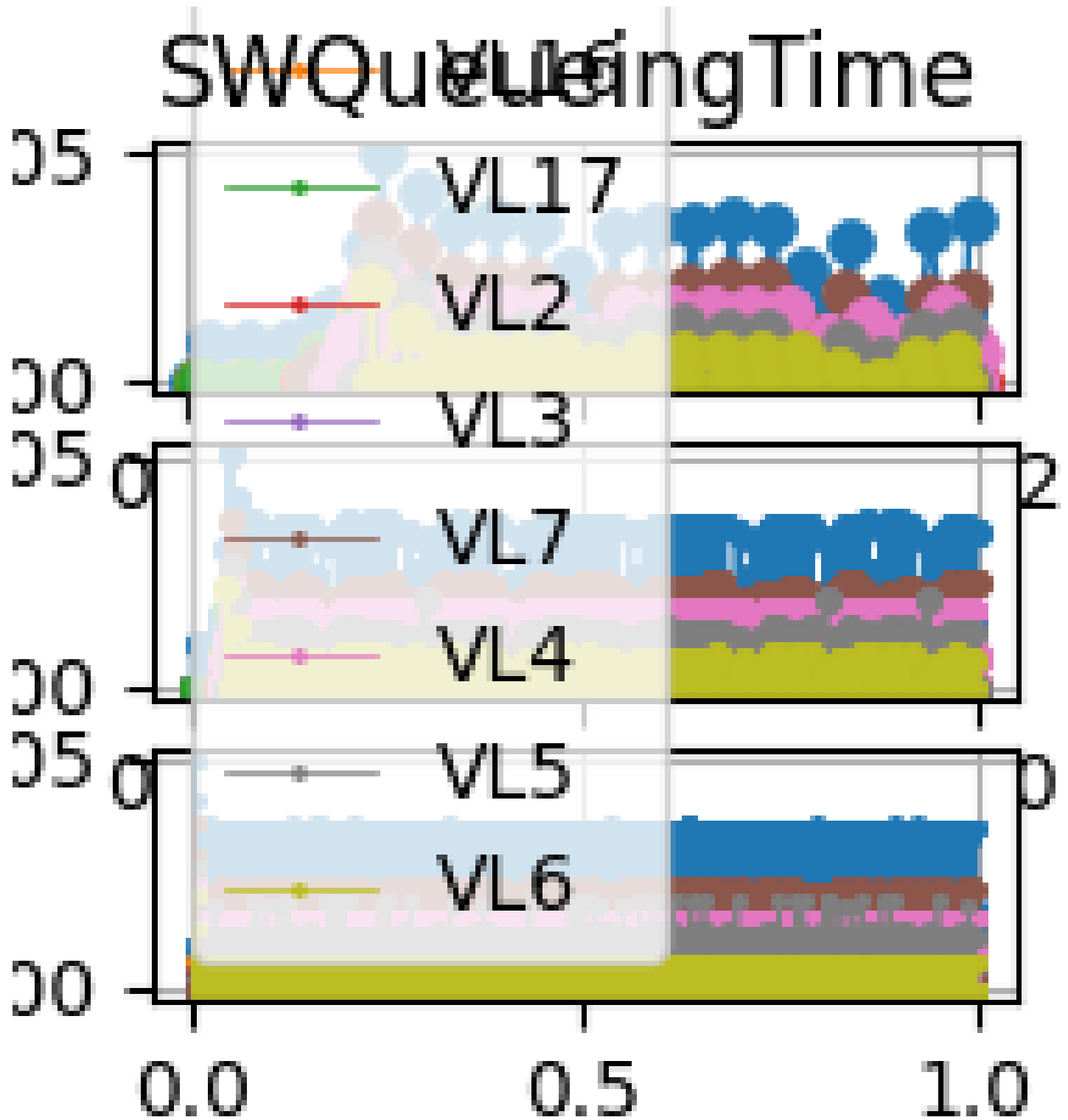
Maximum : 0.000210858753

Minimum : 0.0

Mean : 2.6325850134036145e-05

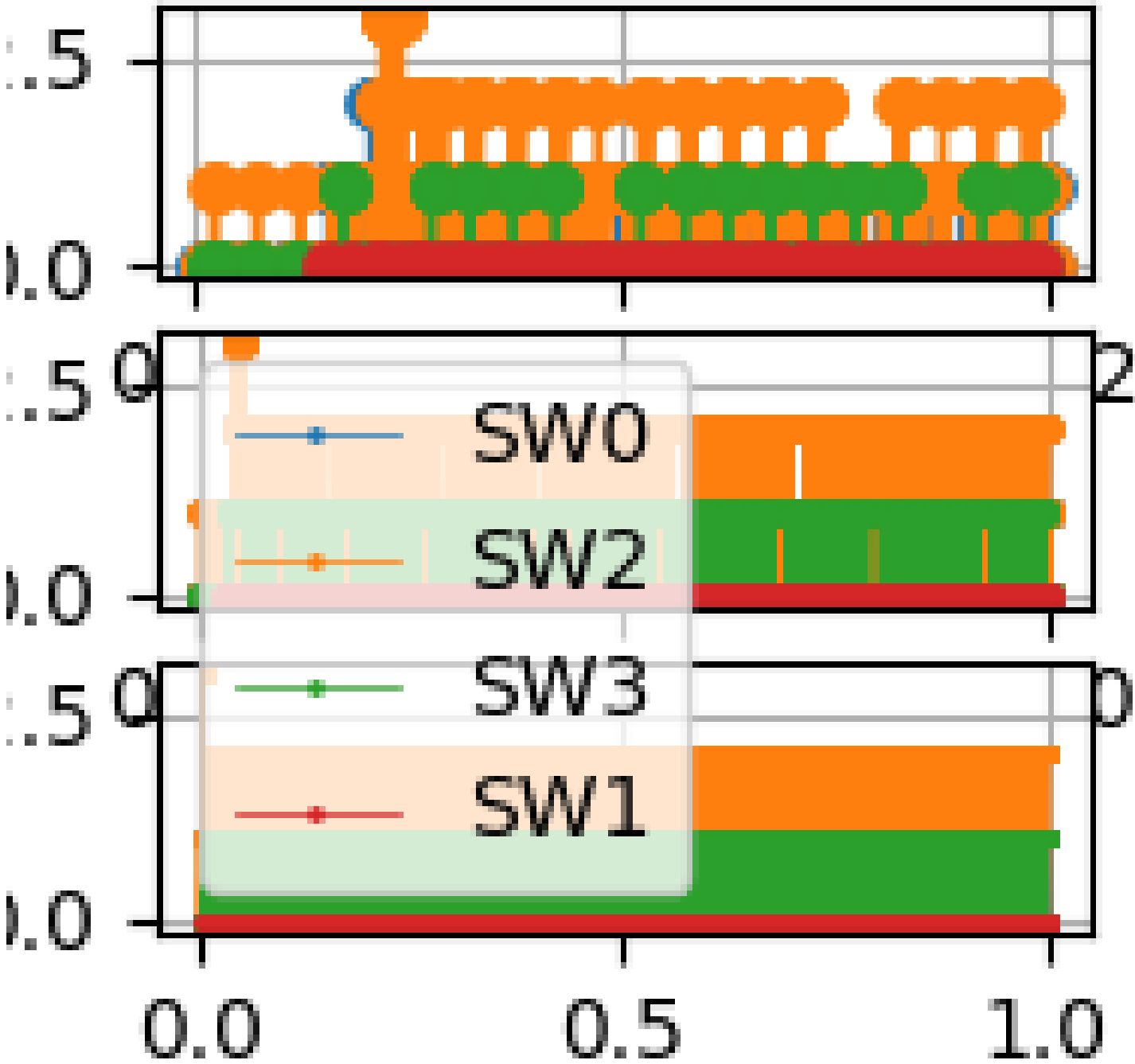
Simulation mean is in 3.5% band of true mean with 95% confidence

Simulation mean is in 4.6% band of true mean with 99% confidence



Combined_SWQueueLength
Maximum : 0.0
Minimum : 0.0
Mean : 0.0

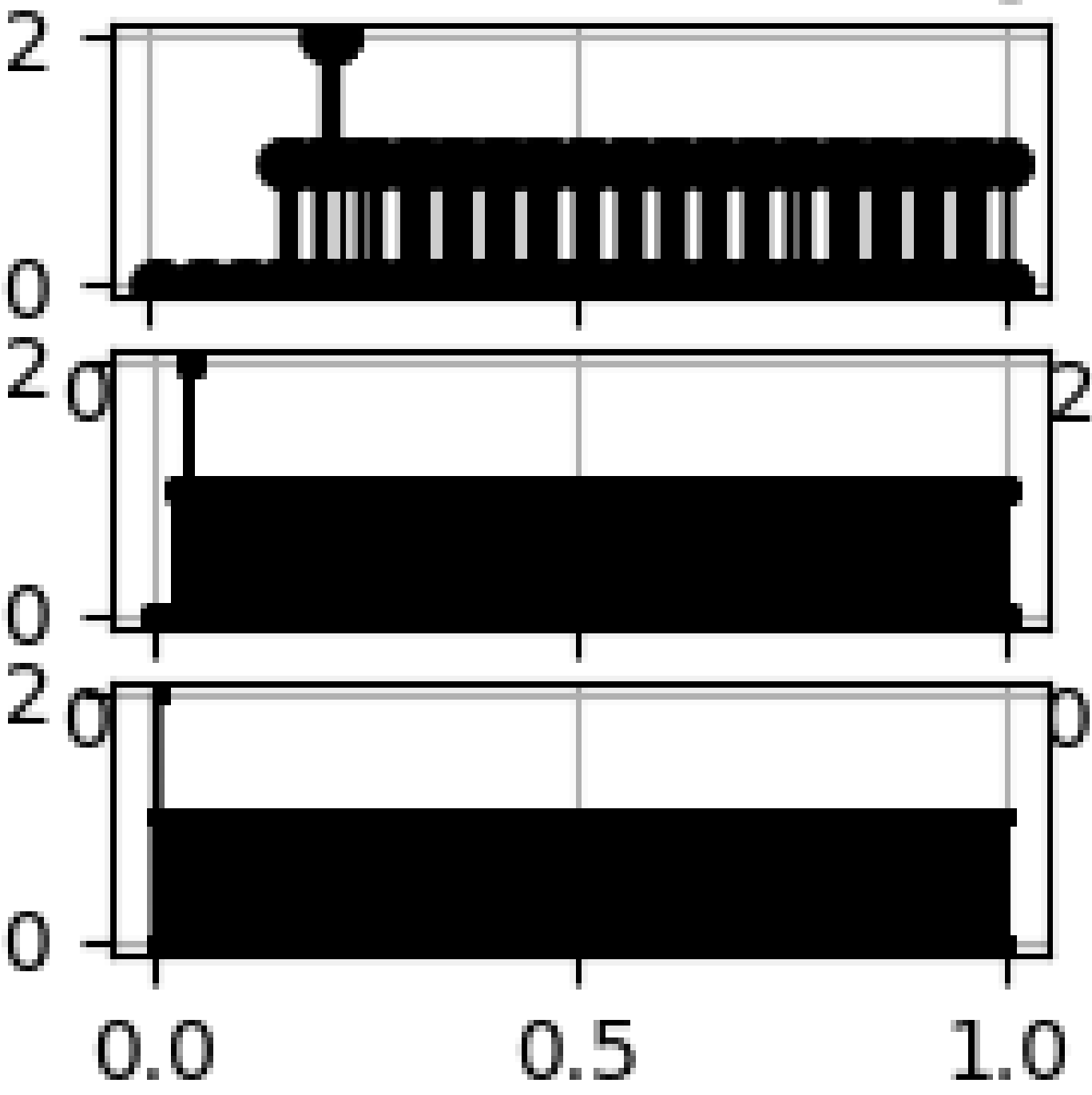
SWQueueLength



2. Per-Switch Statistics

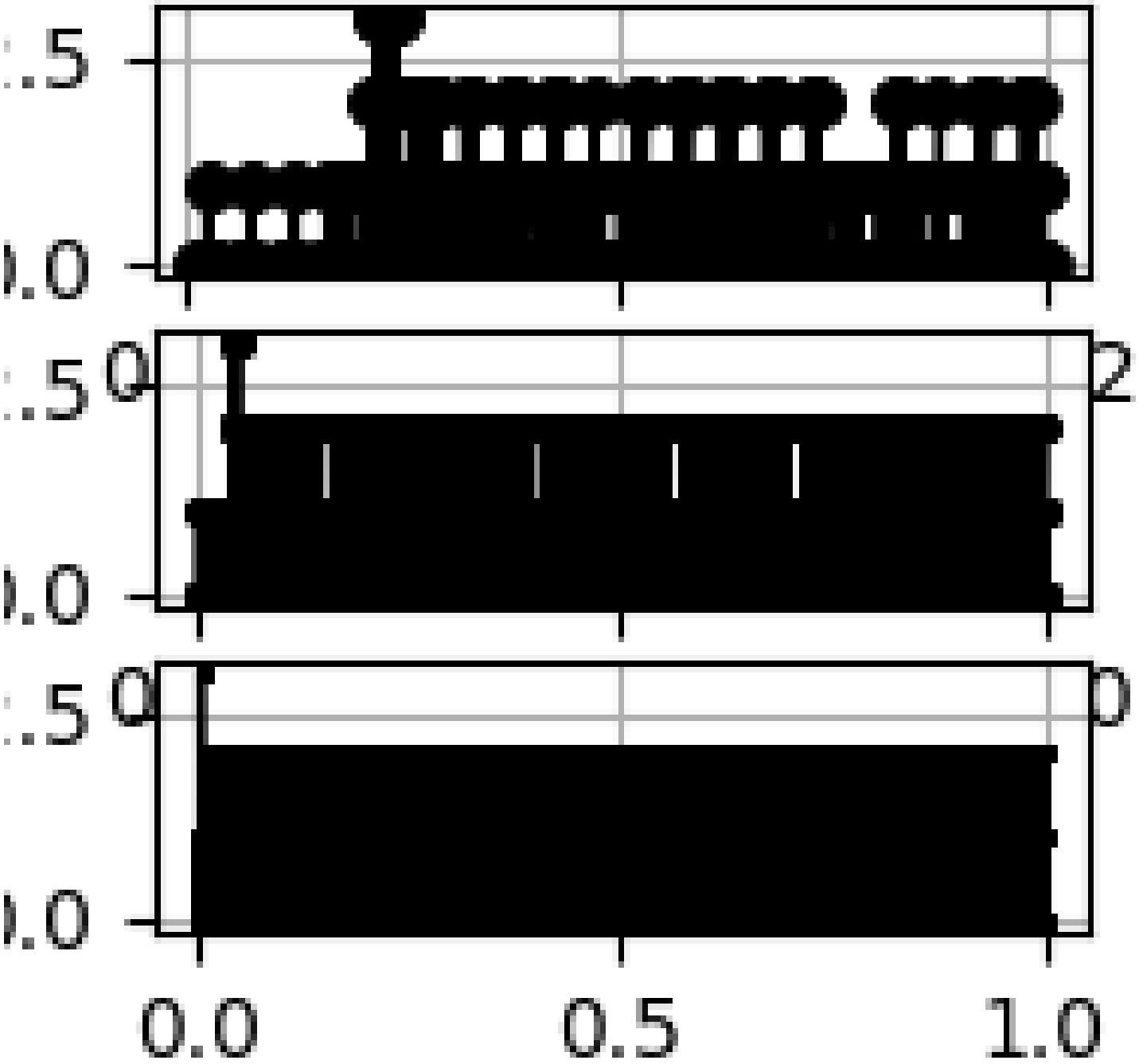
Maximum : 2.0
Minimum : 0.0
Mean : 0.4214357297325808
Simulation mean is in 3.2% band of true mean with 95% confidence
Simulation mean is in 4.2% band of true mean with 99% confidence

AutoNetwork.SwitchA[0].



Maximum : 3.0
Minimum : 0.0
Mean : 0.6086956521739131
Simulation mean is in 5.3% band of true mean with 95% confidence
Simulation mean is in 6.9% band of true mean with 99% confidence

autoNetwork.SwitchA[2].

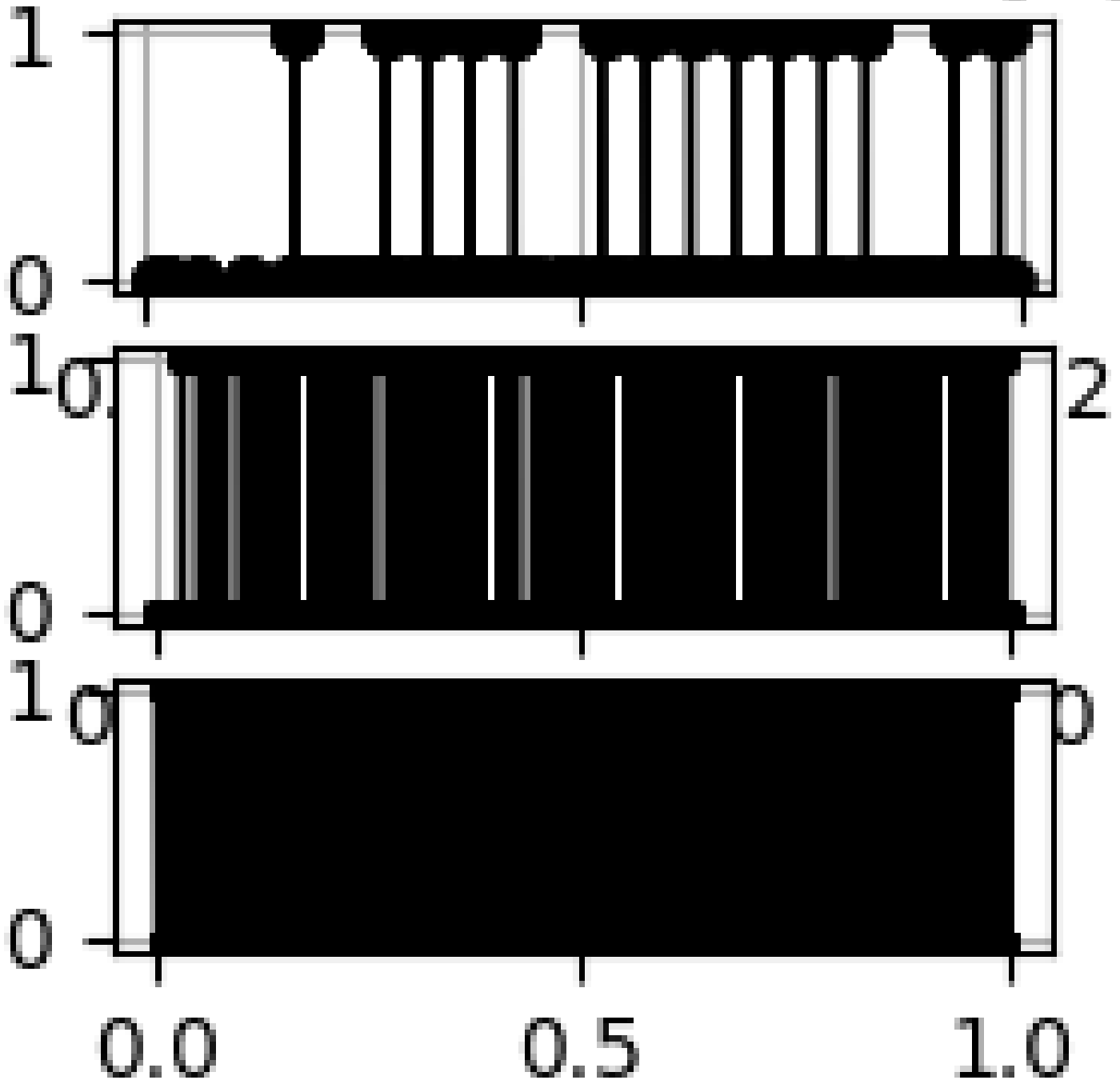


Maximum	:	1.0
Minimum	:	0.0
Mean	:	0.25440895247538775

Simulation mean is in 2.0% band of true mean with 95% confidence

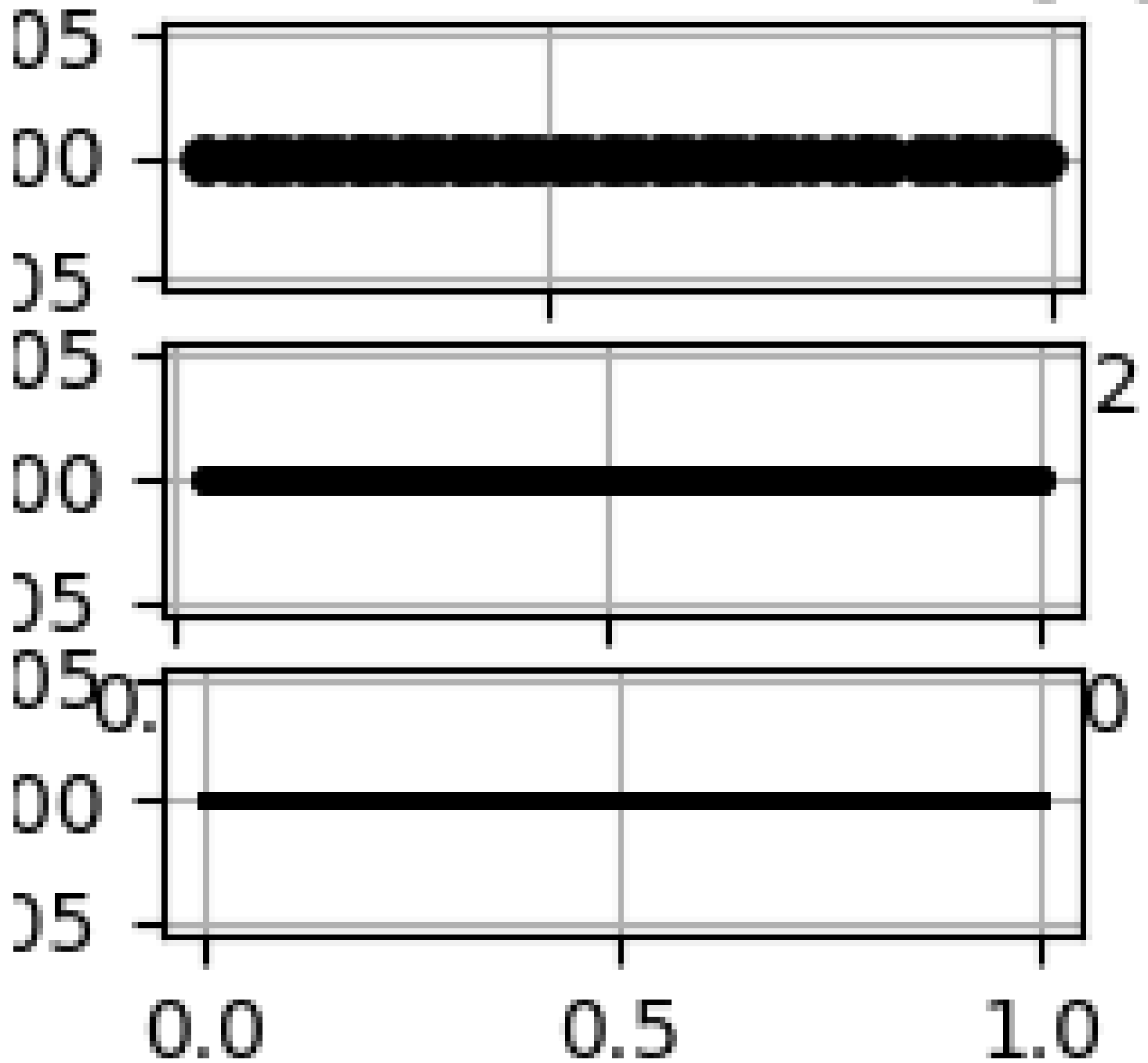
Simulation mean is in 2.6% band of true mean with 99% confidence

AutoNetwork.SwitchA[3].



Maximum	:	0.0
Minimum	:	0.0
Mean	:	0.0

AutoNetwork.SwitchA[1].



3. Per-VL Statistics

3.1. VL1 Statistics

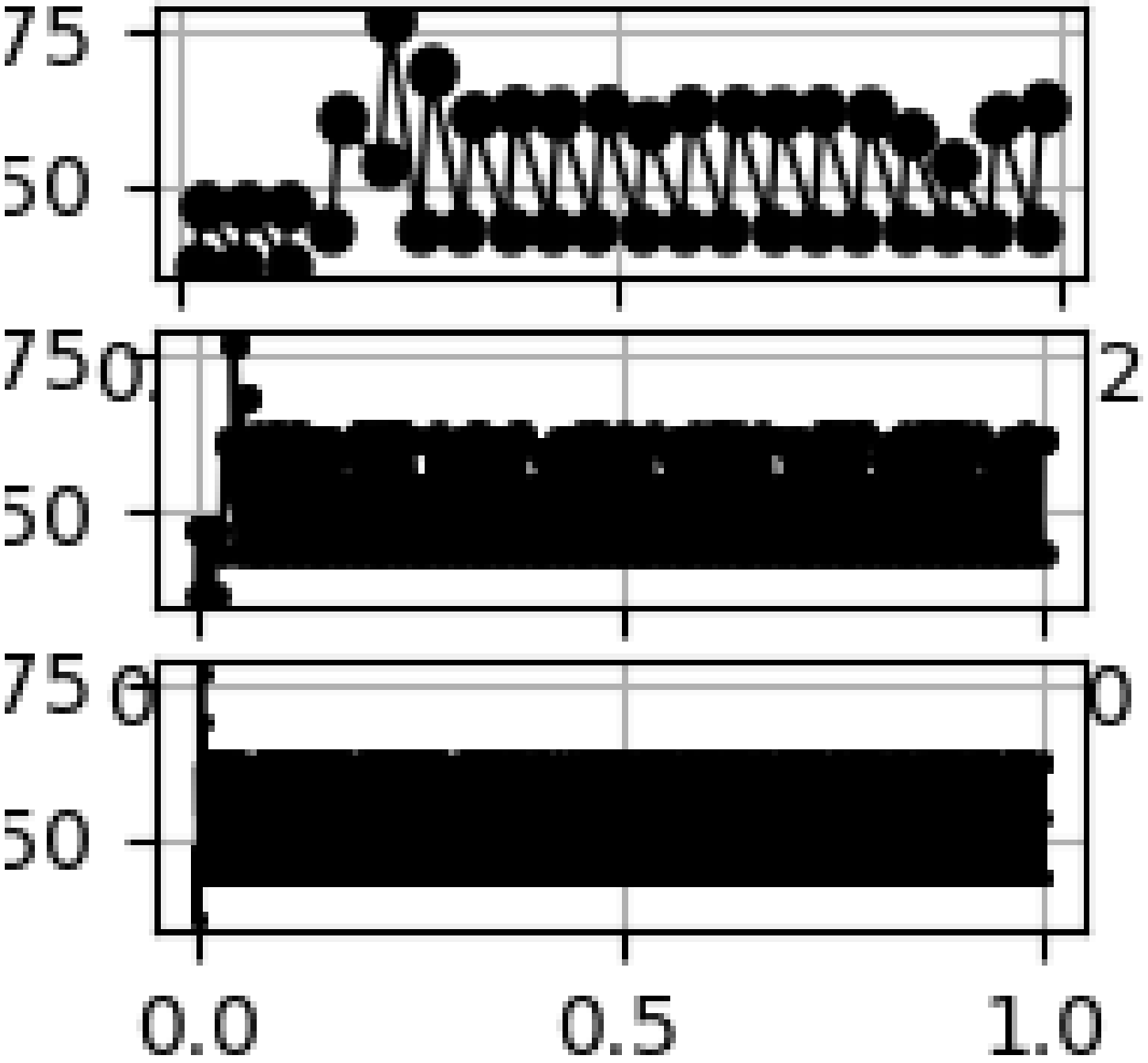
E2ELatency

Maximum	:	0.000769856852
Minimum	:	0.00036927
Mean	:	0.0005519821246606667

Simulation mean is in 0.6% band of true mean with 95% confidence

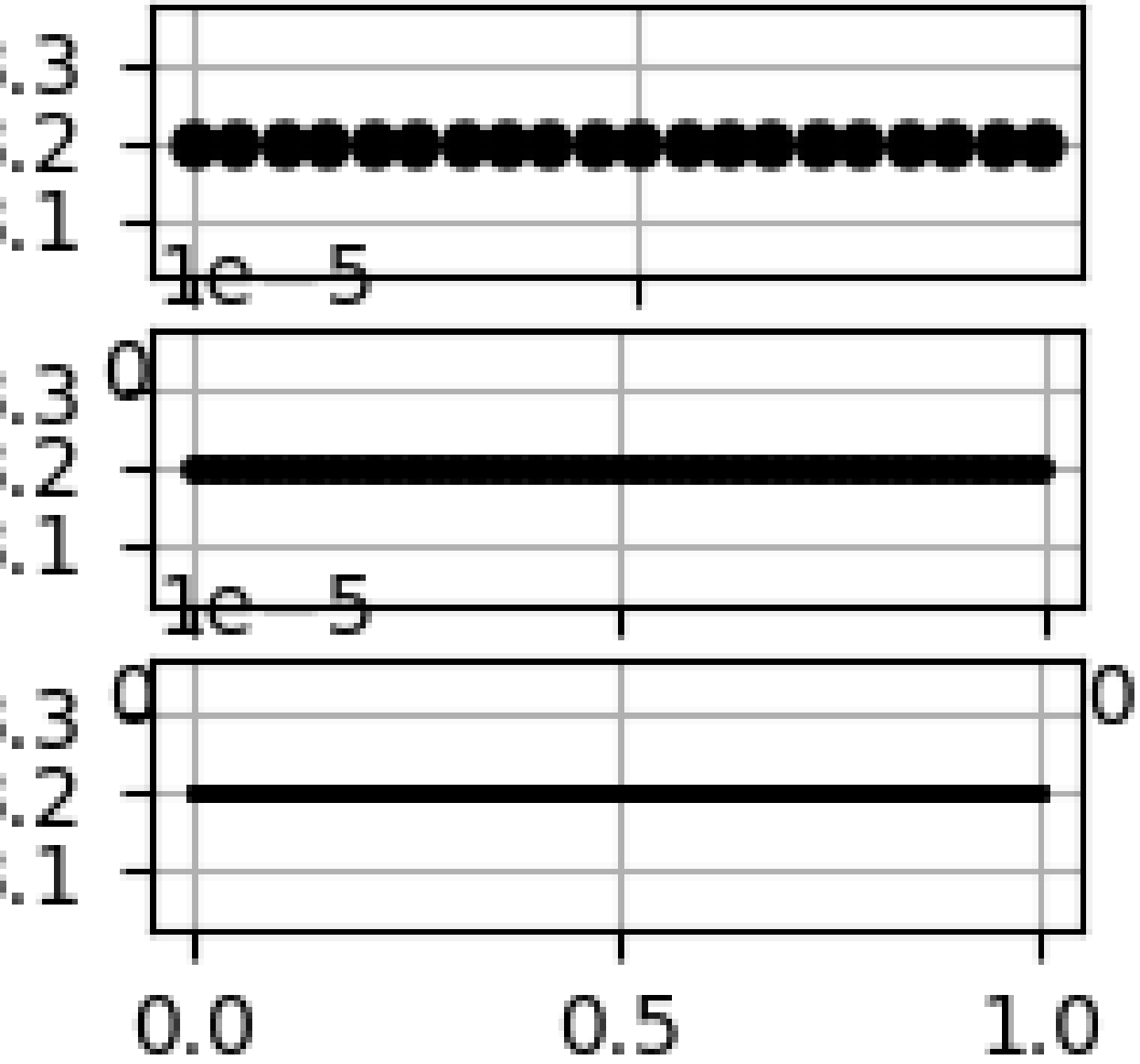
Simulation mean is in 0.7% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
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

1 in AutoNetwork.ESGro



ESSchedulingLatency

Maximum : 0.001013166852

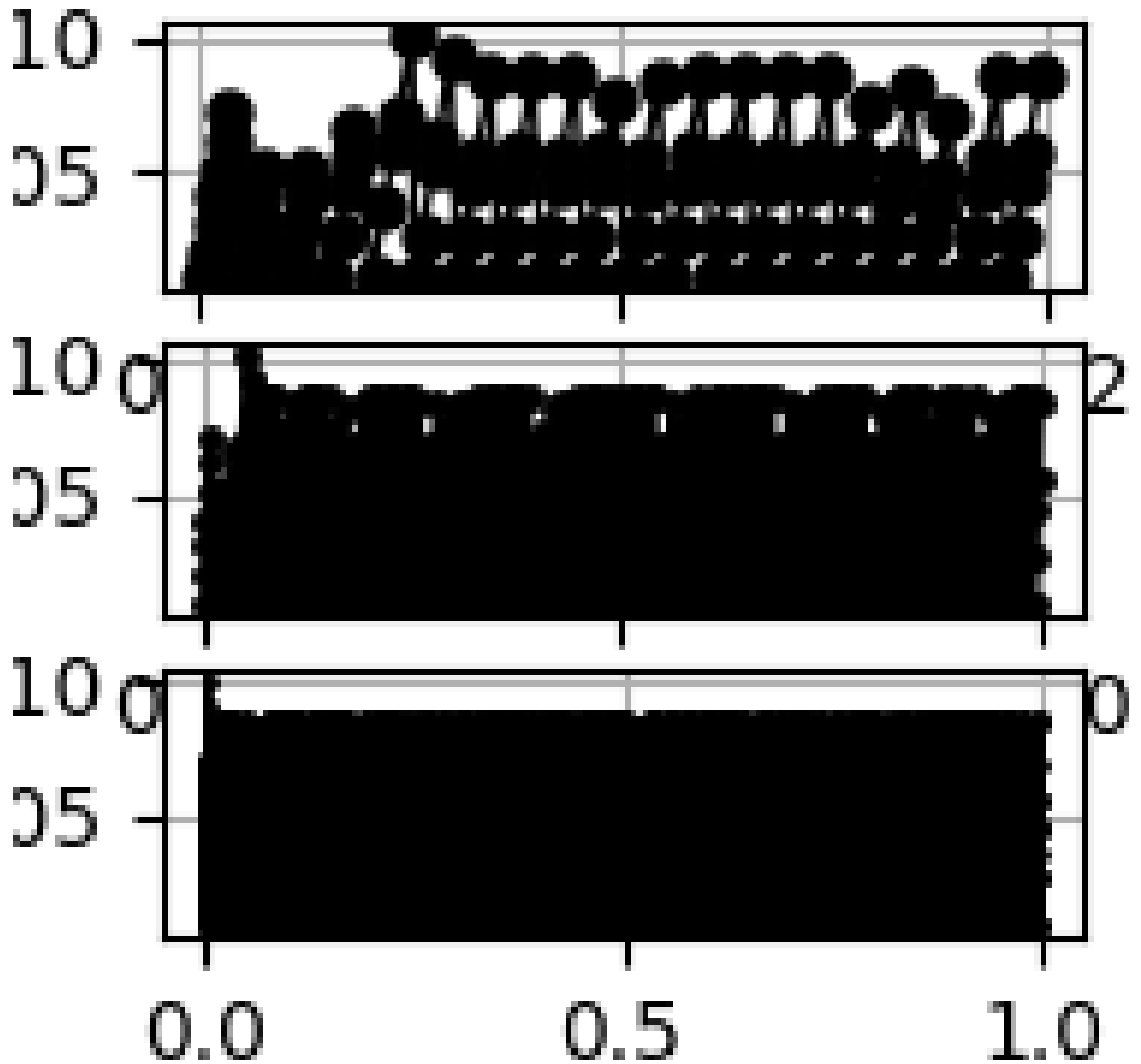
Minimum : 9.909e-05

Mean : 0.0004384676771101559

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

Simulation mean is in 2.1% band of true mean with 99% confidence

VL1 in AutoNetwork.ES0



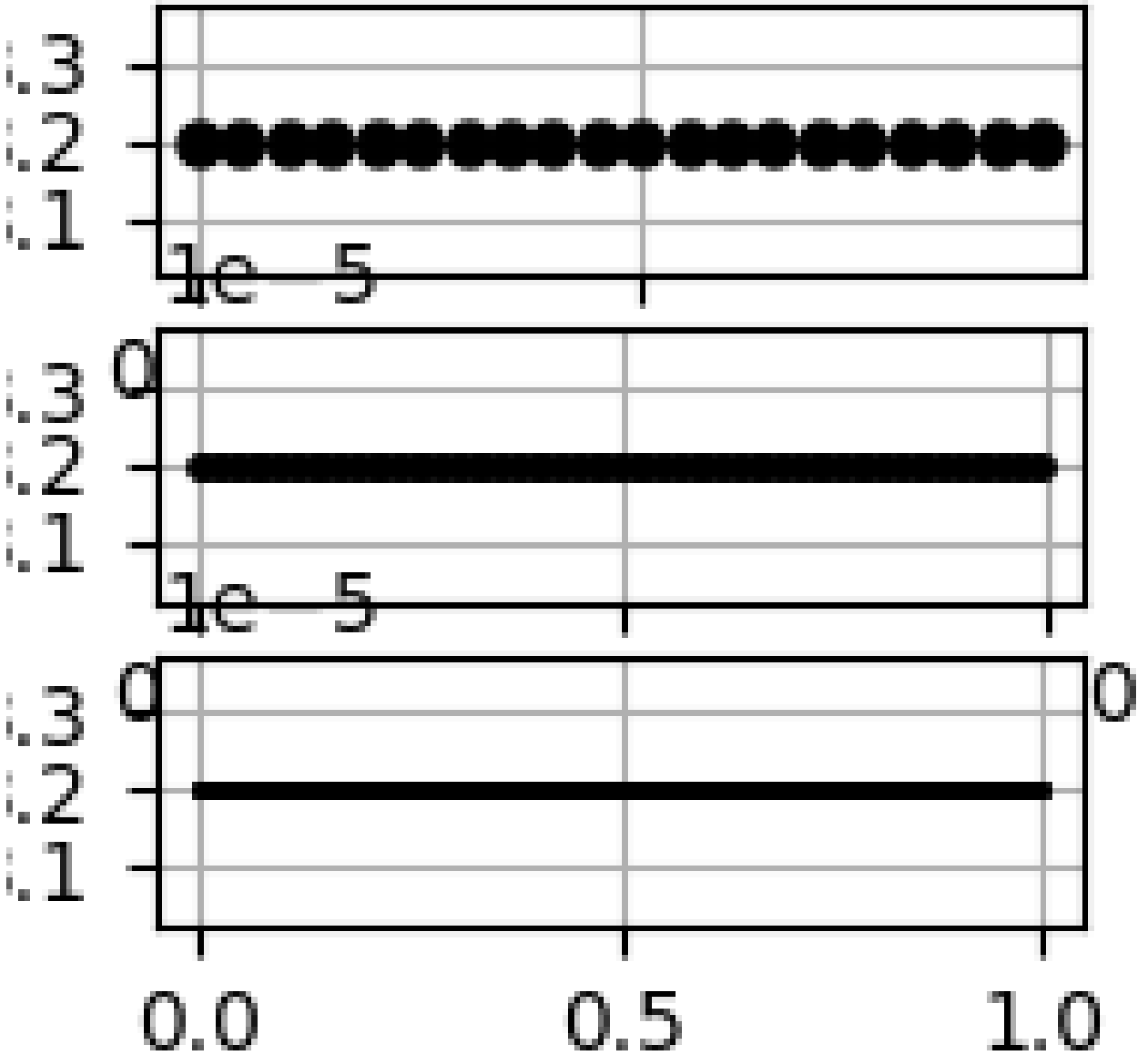
ESBagLatency

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

1 in 1 AutoNetwork.ESGroup



SWQueueingTime

Maximum : 0.000501716852

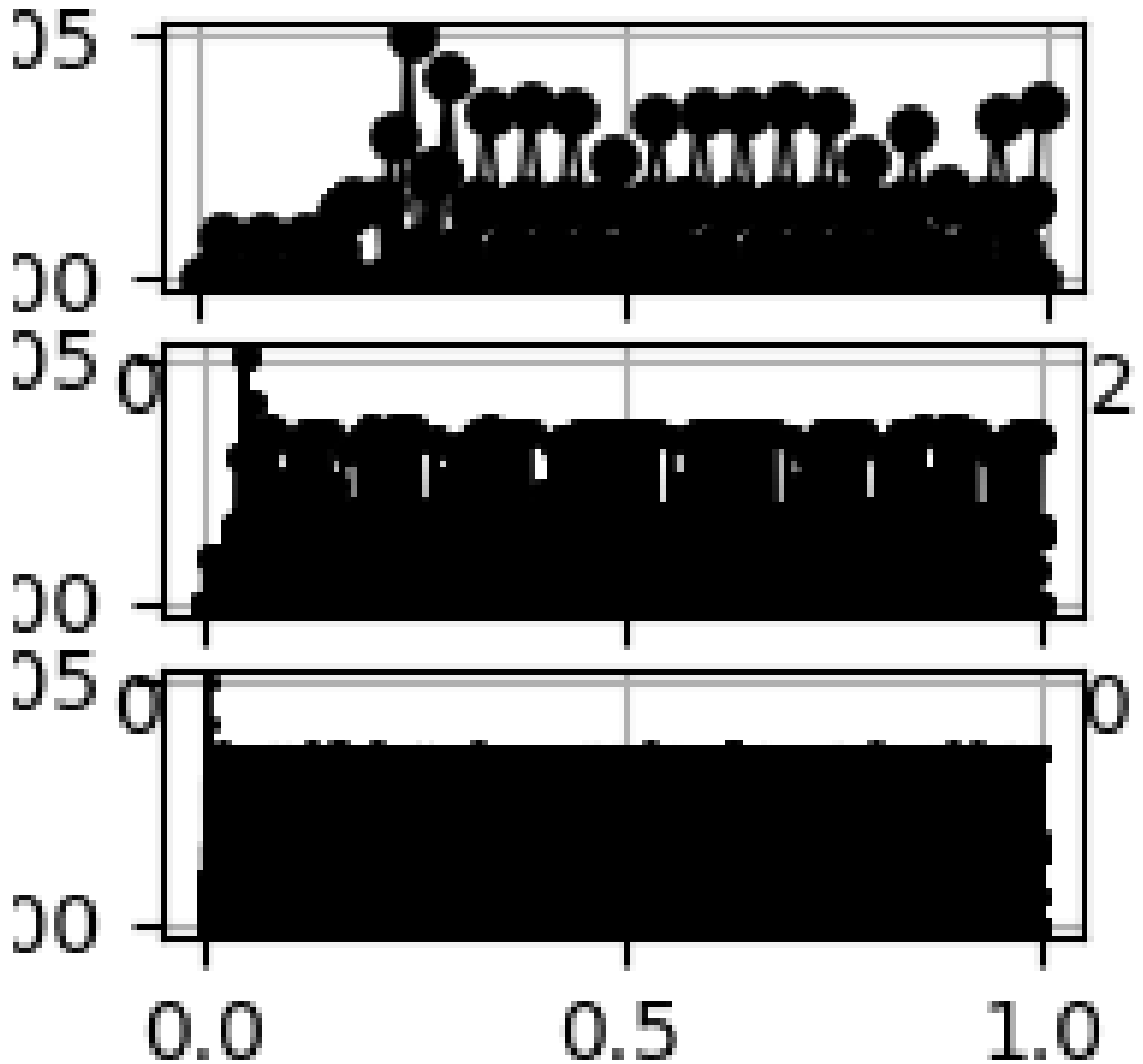
Minimum : 0.0

Mean : 0.00011622784376352279

Simulation mean is in 1.4% band of true mean with 95% confidence

Simulation mean is in 1.8% band of true mean with 99% confidence

'L1 in AutoNetwork.ESGr



3.2. VL2 Statistics

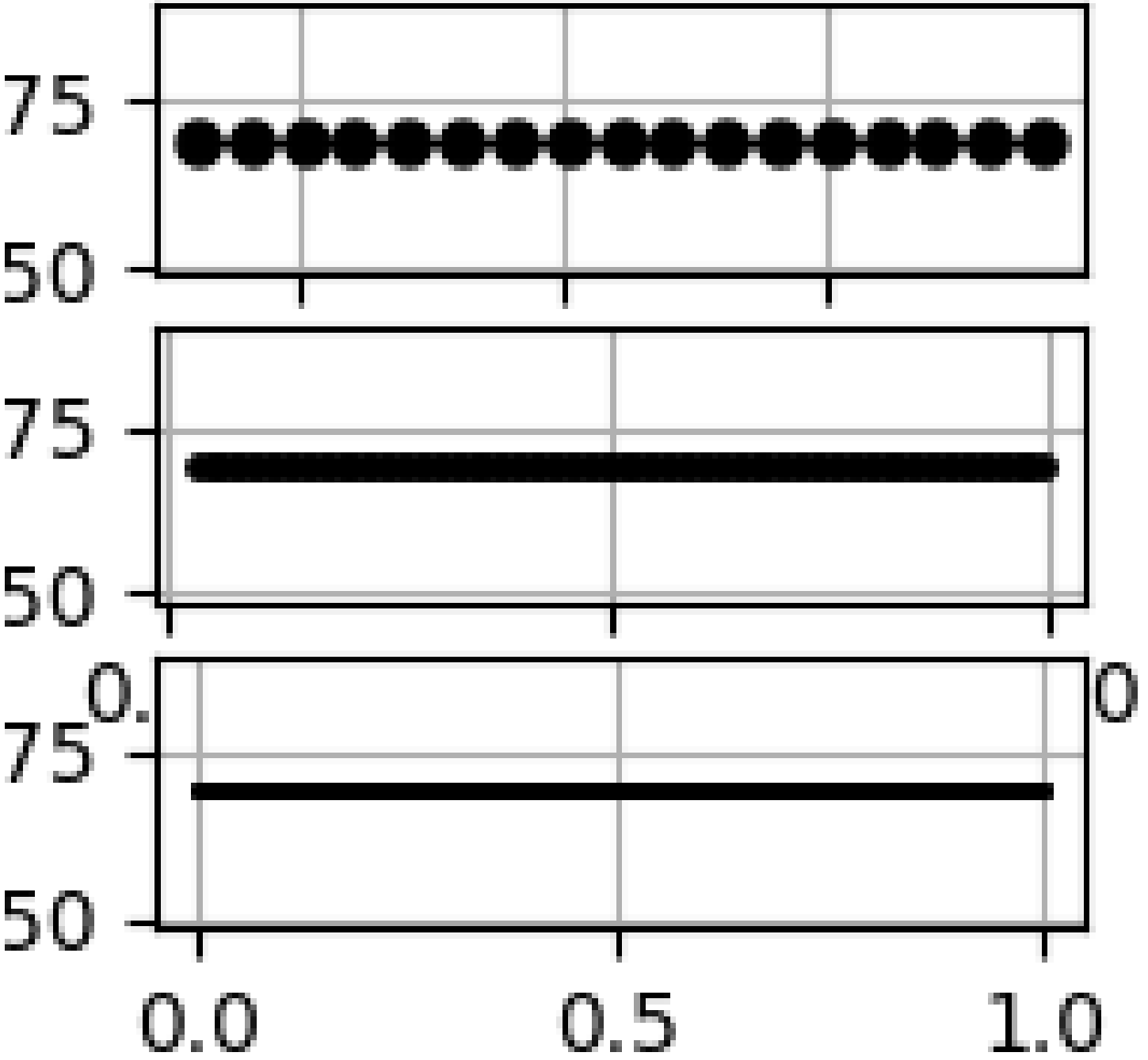
E2ELatency

Maximum	:	0.00036927
Minimum	:	0.00036927
Mean	:	0.00036927

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

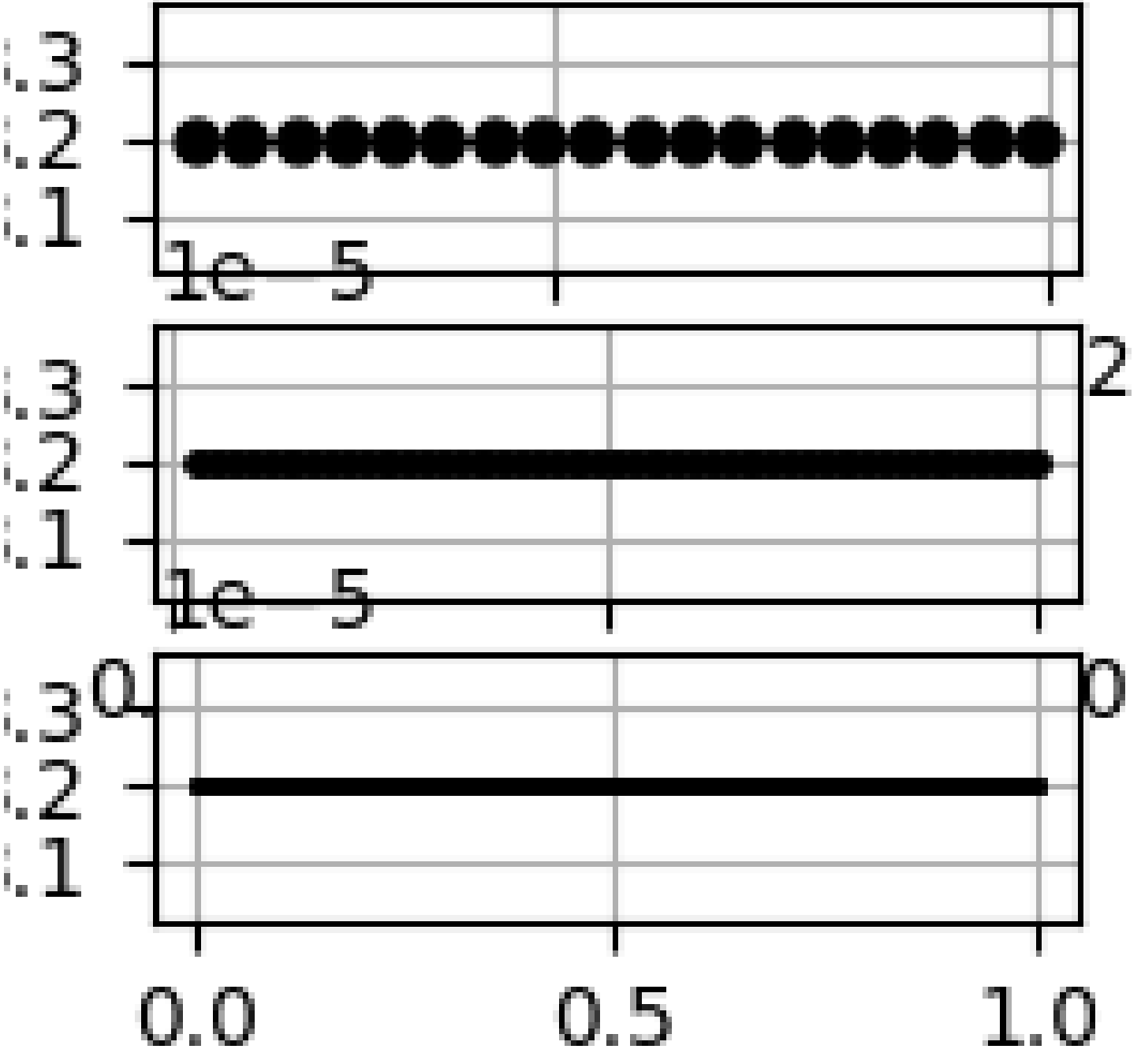
Simulation mean is in 0.0% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
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

2 in AutoNetwork.ESGro

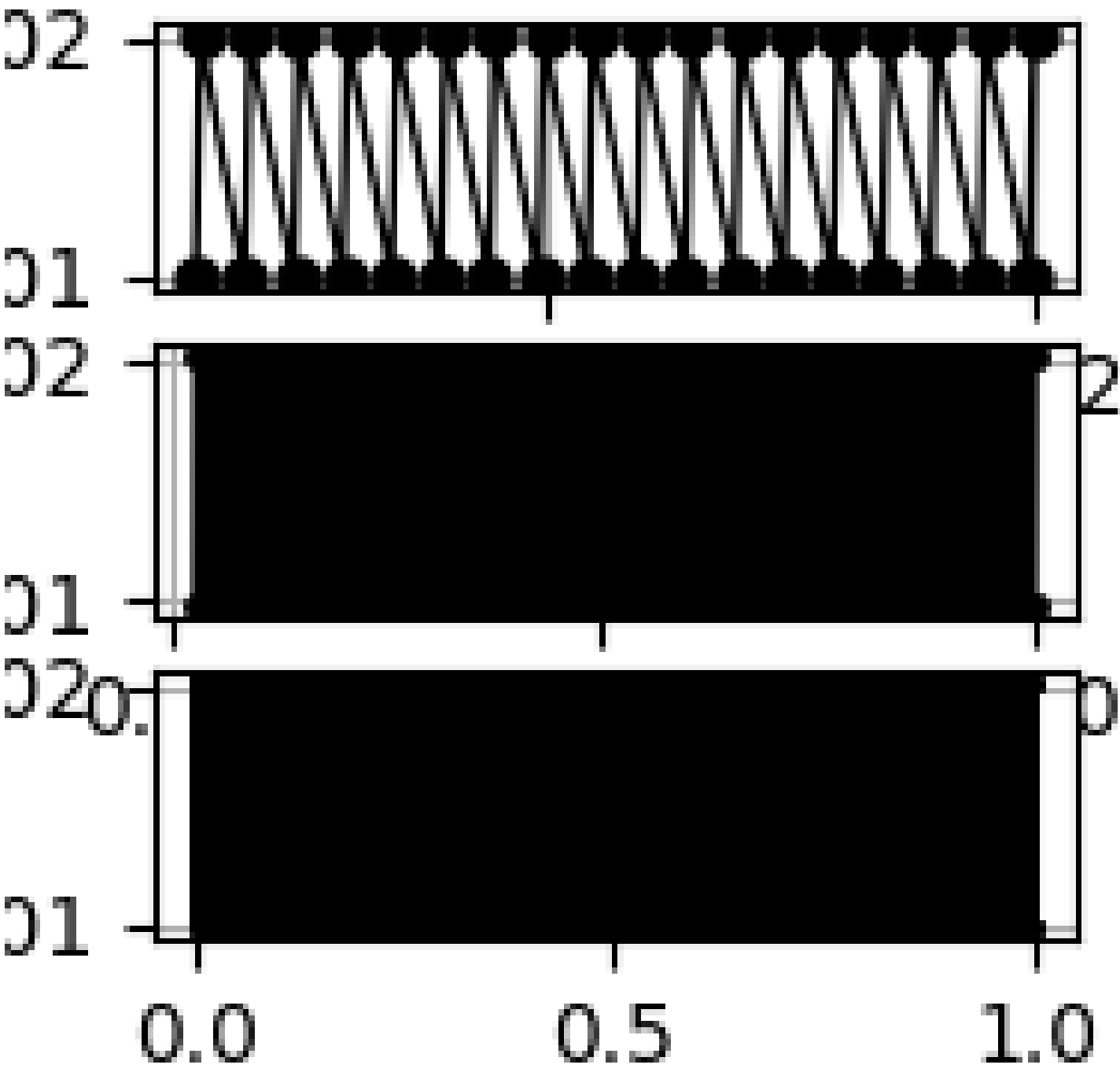


ESSchedulingLatency

Maximum	:	0.00020218
Minimum	:	9.909e-05
Mean	:	0.00015063499999999998

Simulation mean is in 1.5% band of true mean with 95% confidence
Simulation mean is in 2.0% band of true mean with 99% confidence

VL2 in AutoNetwork.ES0



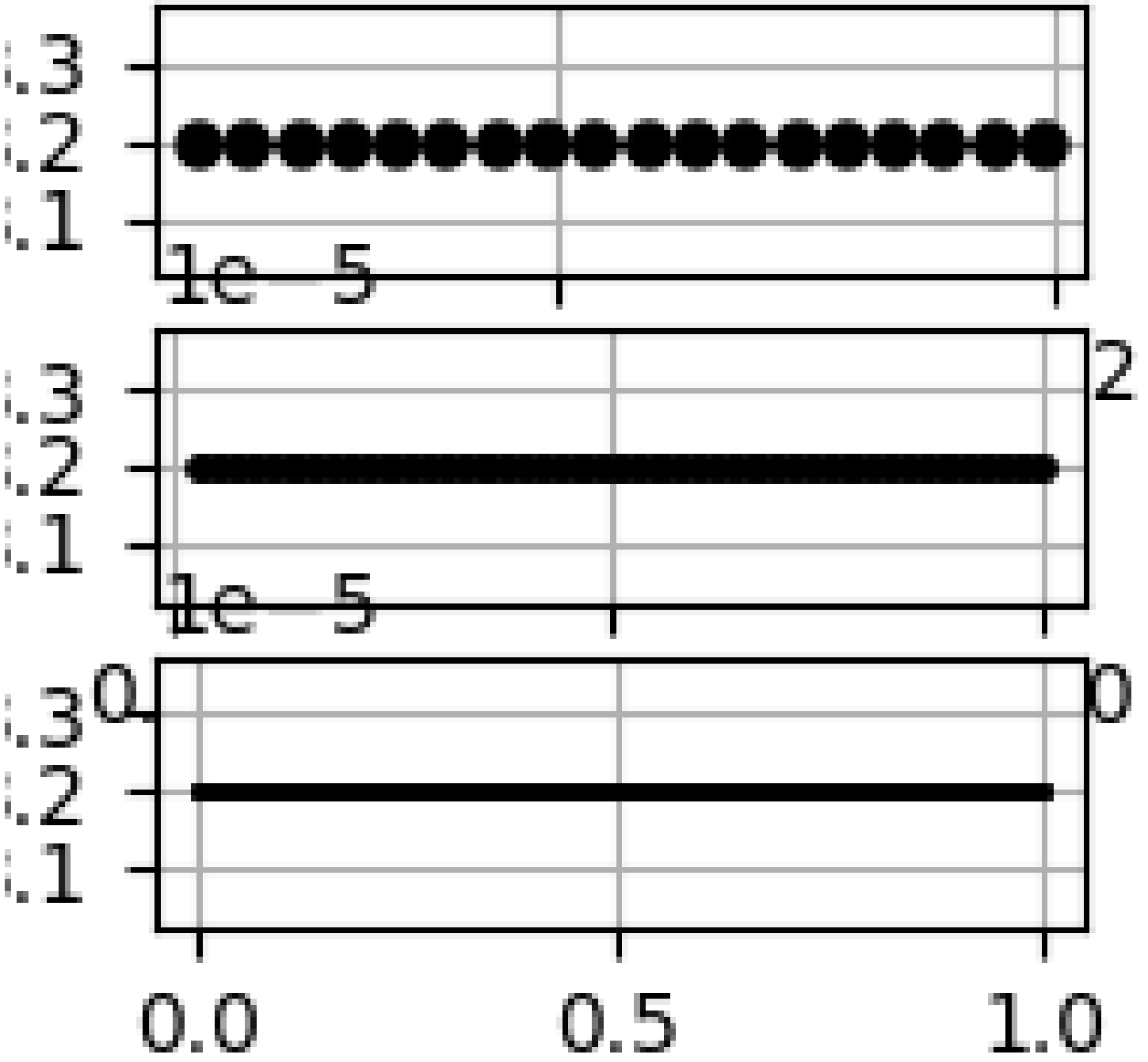
ESBagLatency

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

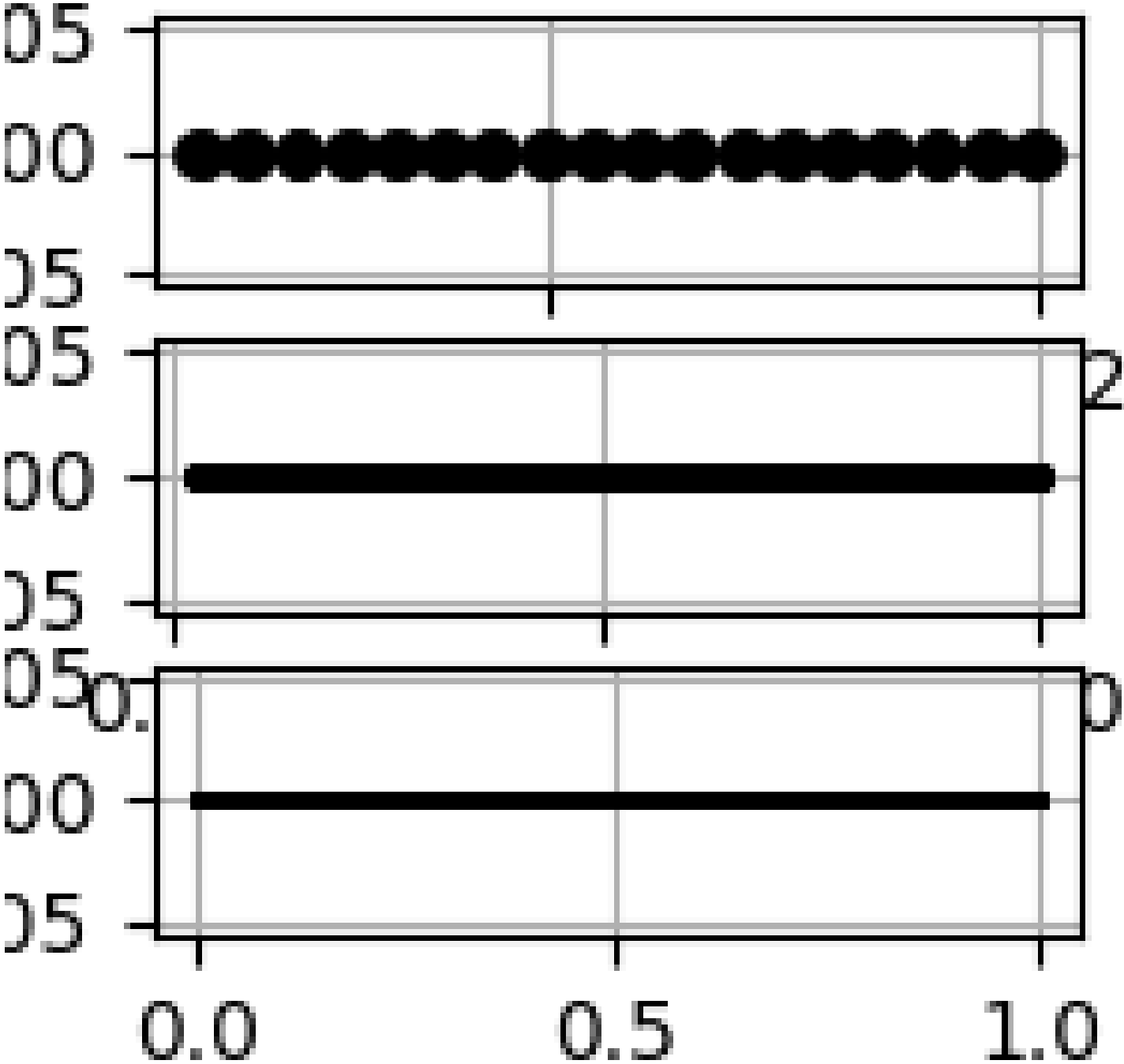
2 in 1 AutoNetwork.ESGroup



SWQueueingTime

Maximum	:	0.0
Minimum	:	0.0
Mean	:	0.0

'L2 in AutoNetwork.ESGr



3.3. VL3 Statistics

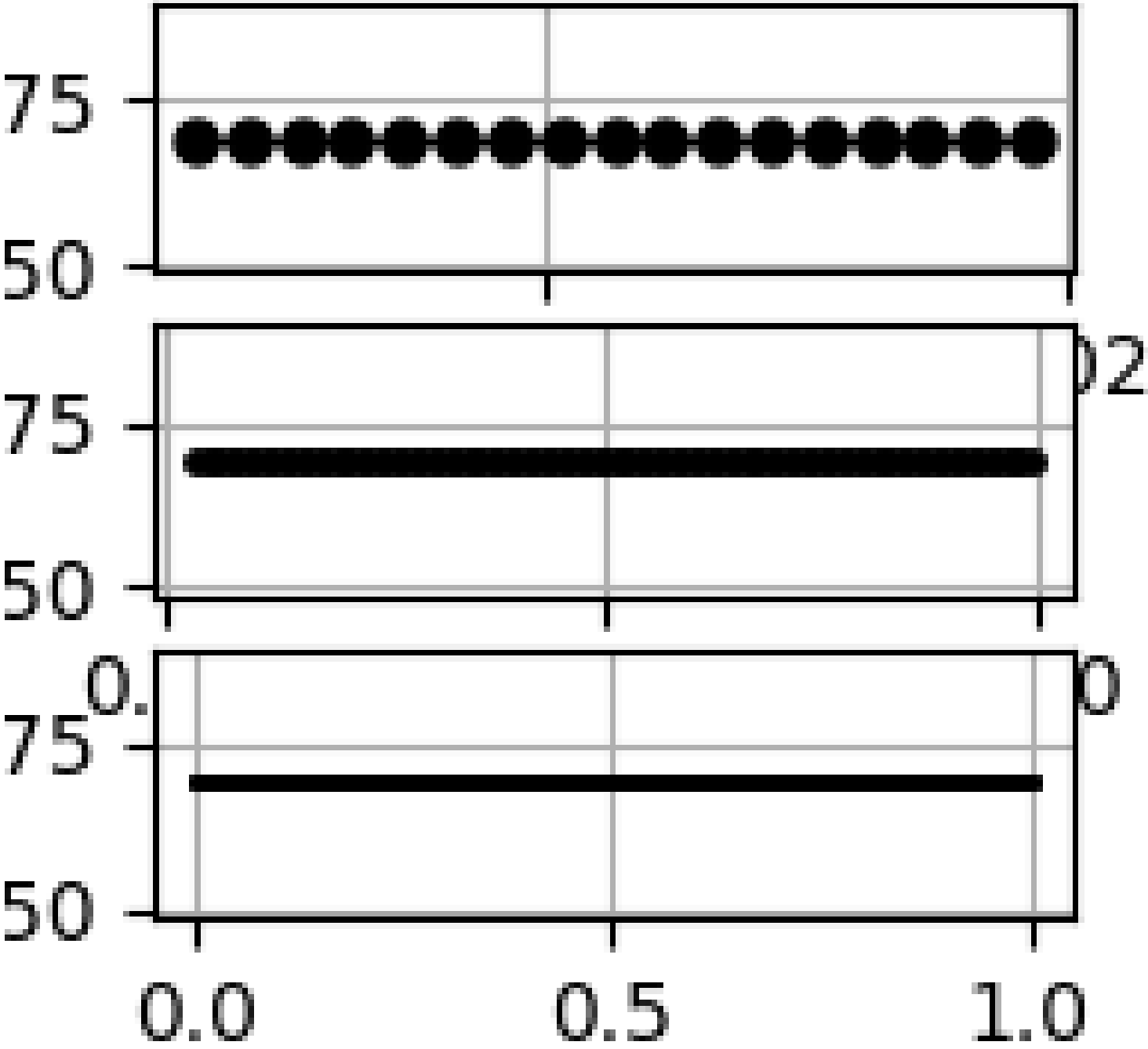
E2ELatency

Maximum	:	0.00036927
Minimum	:	0.00036927
Mean	:	0.00036927

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

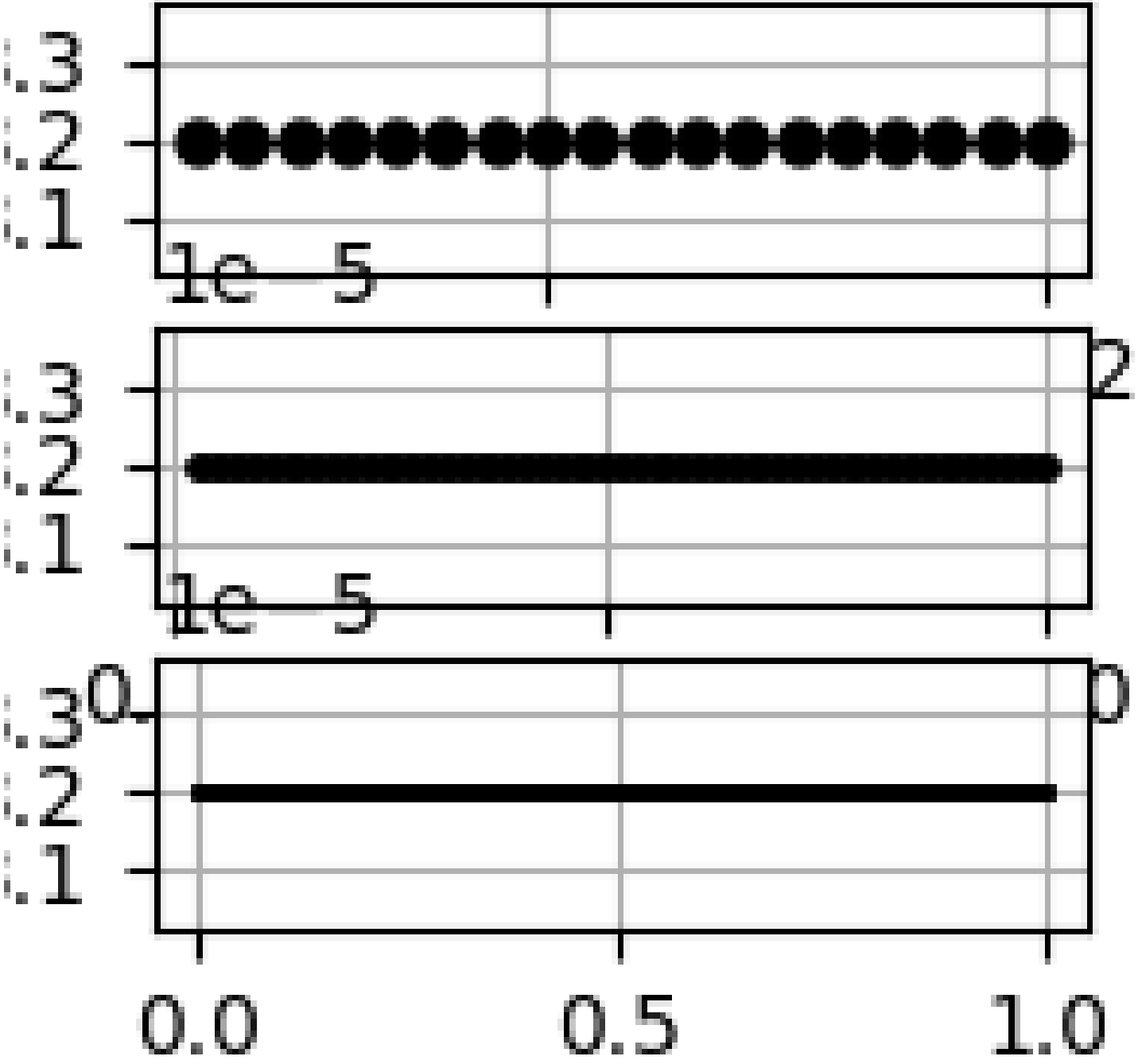
Simulation mean is in 0.0% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
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

3 in AutoNetwork.ESGro



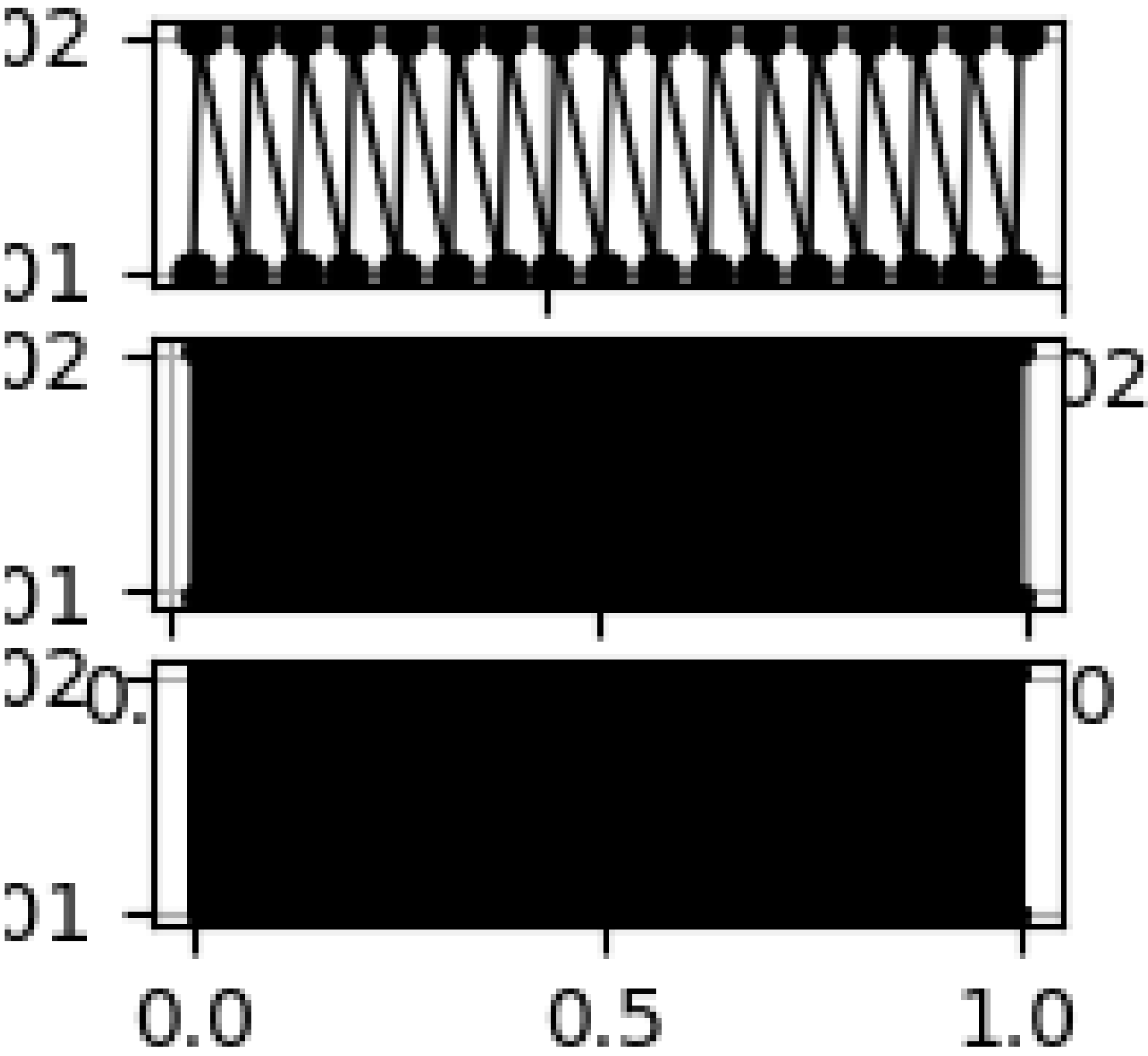
ESSchedulingLatency

Maximum	:	0.00020218
Minimum	:	9.909e-05
Mean	:	0.00015063499999999998

Simulation mean is in 1.5% band of true mean with 95% confidence

Simulation mean is in 2.0% band of true mean with 99% confidence

VL3 in AutoNetwork.ES0



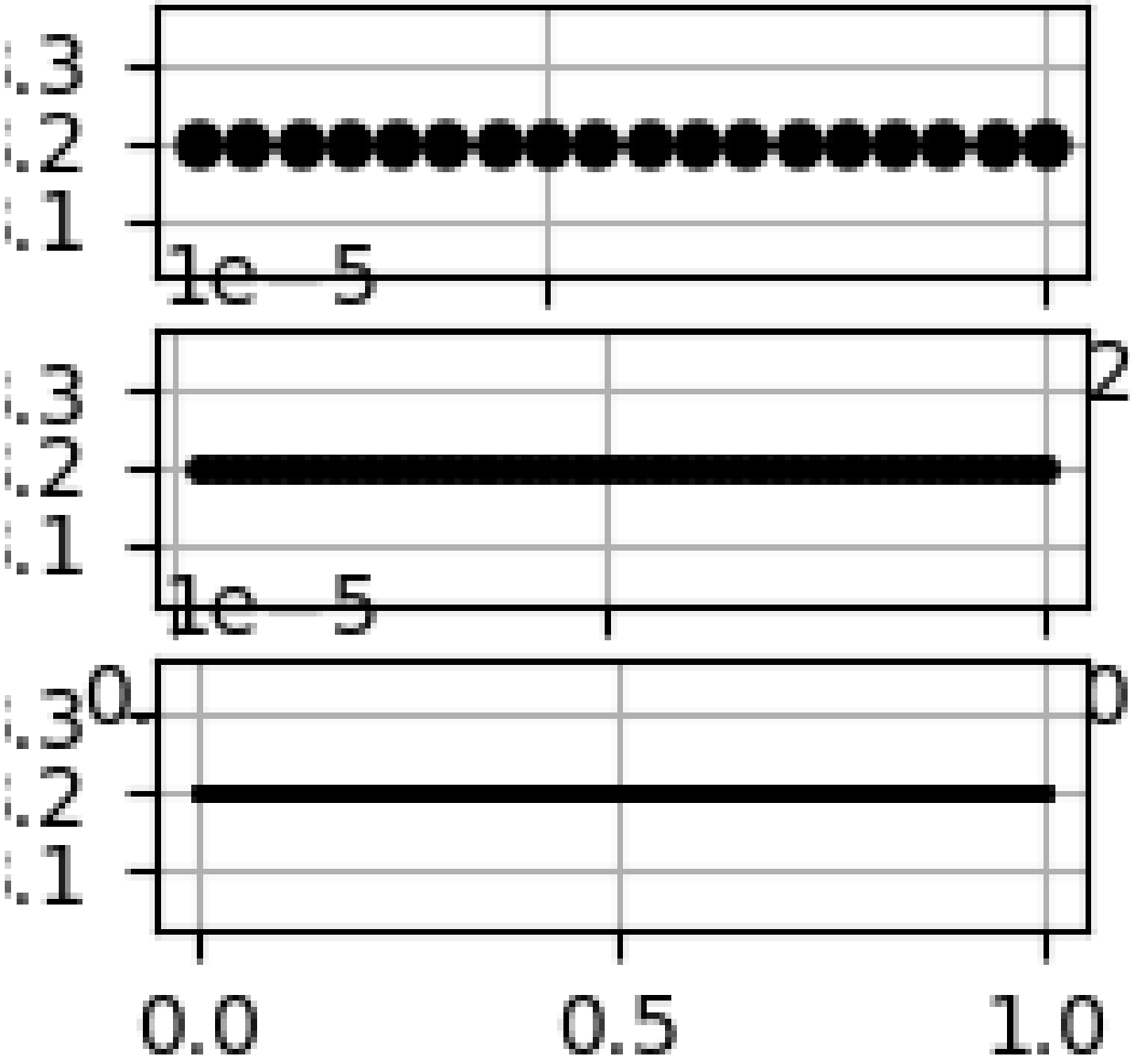
ESBagLatency

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

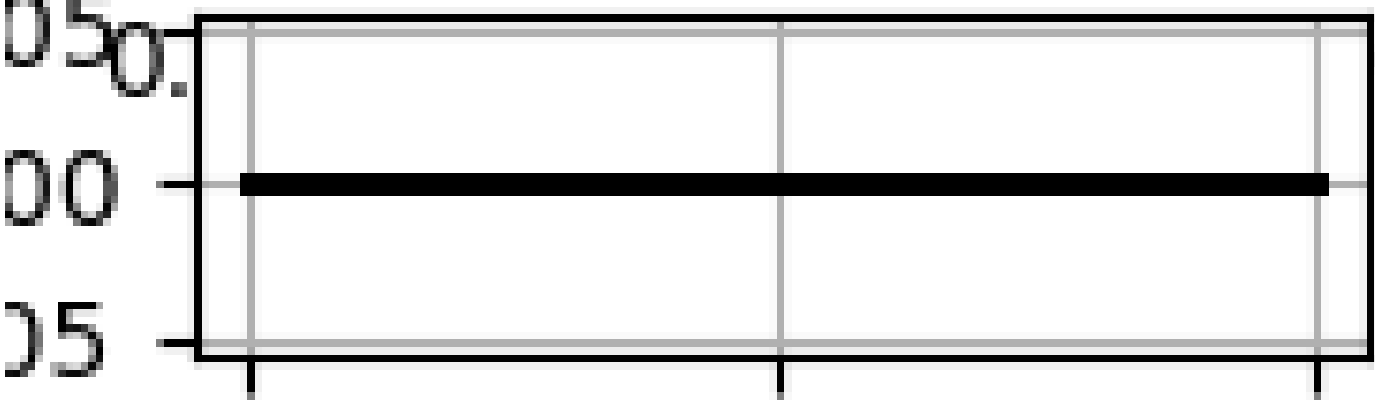
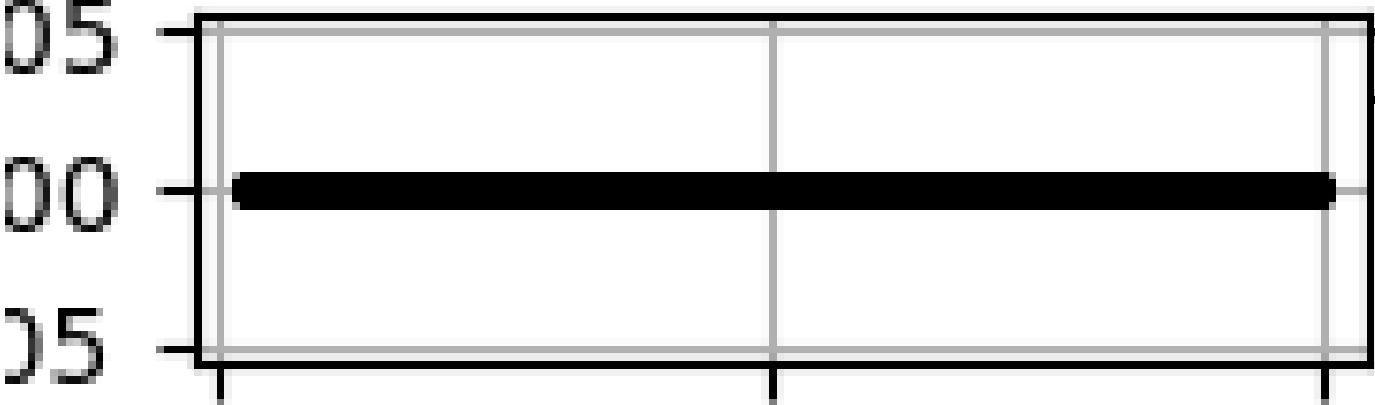
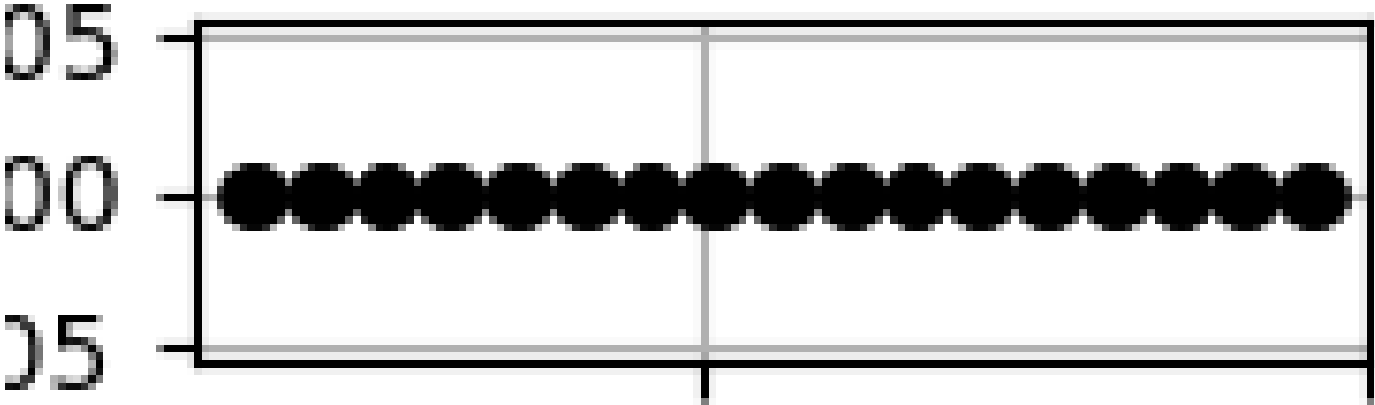
Simulation mean is in 0.0% band of true mean with 99% confidence

3 in 1 AutoNetwork.ESGroup



SWQueueingTime		
Maximum	:	0.0
Minimum	:	0.0
Mean	:	0.0

'L3 in AutoNetwork.ESGr



0.0 0.5 1.0

3.4. VL4 Statistics

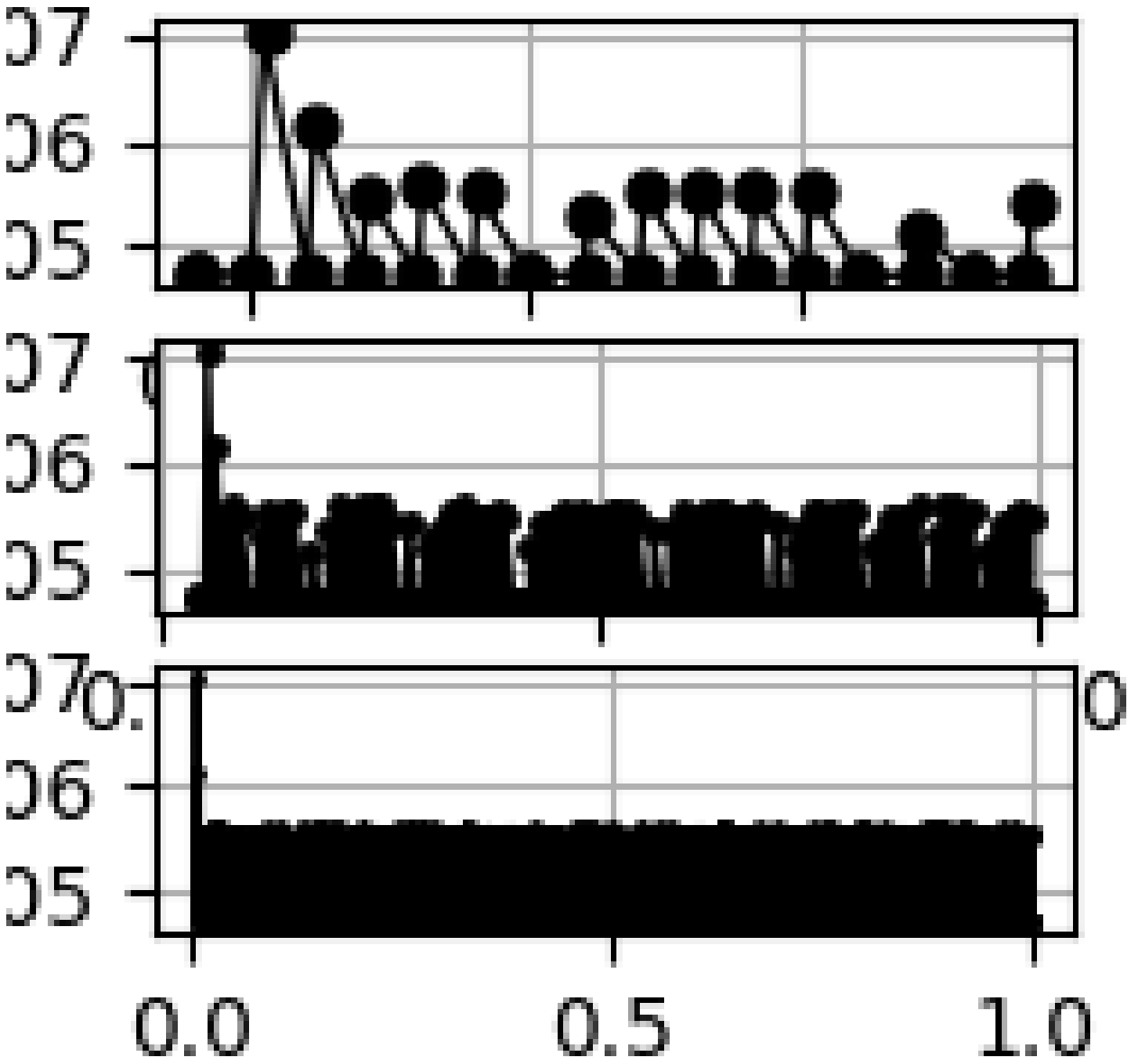
E2ELatency

Maximum	:	0.000704310027
Minimum	:	0.00047236
Mean	:	0.0005044152434418254

Simulation mean is in 0.3% band of true mean with 95% confidence

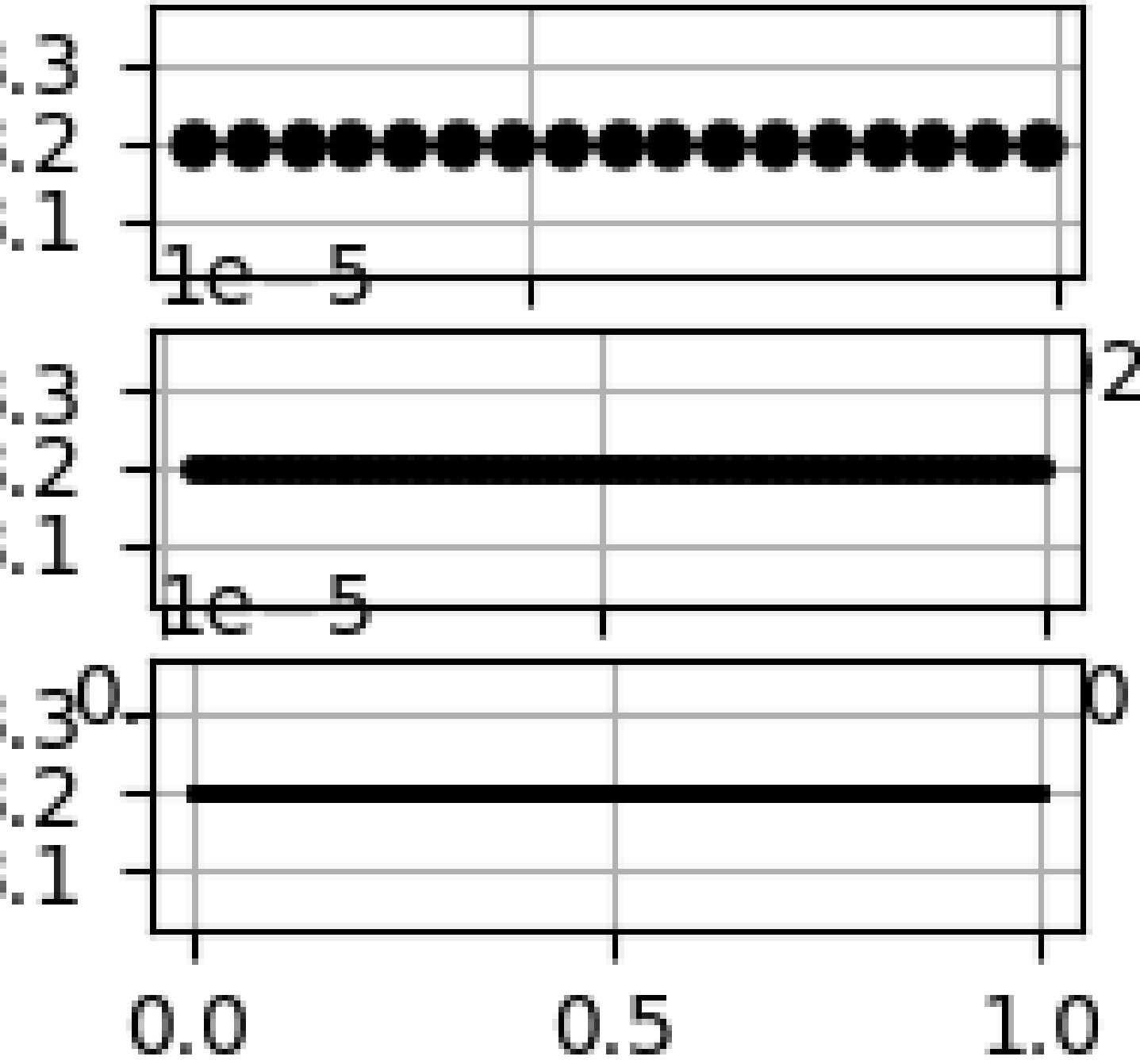
Simulation mean is in 0.4% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
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

4 in AutoNetwork.ESGro



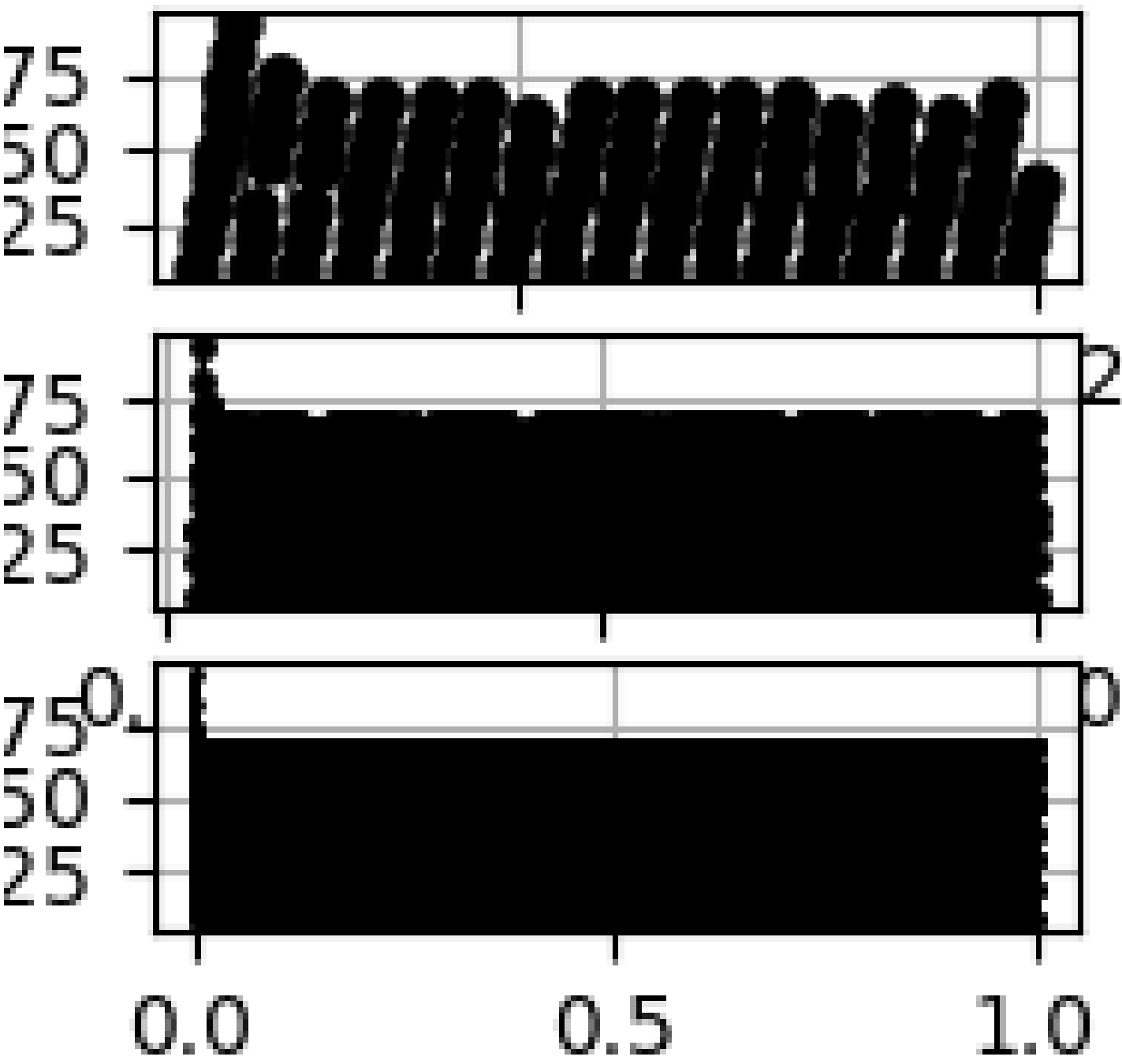
ESSchedulingLatency

Maximum	:	0.000926820027
Minimum	:	9.909e-05
Mean	:	0.00043732828079881715

Simulation mean is in 0.8% band of true mean with 95% confidence

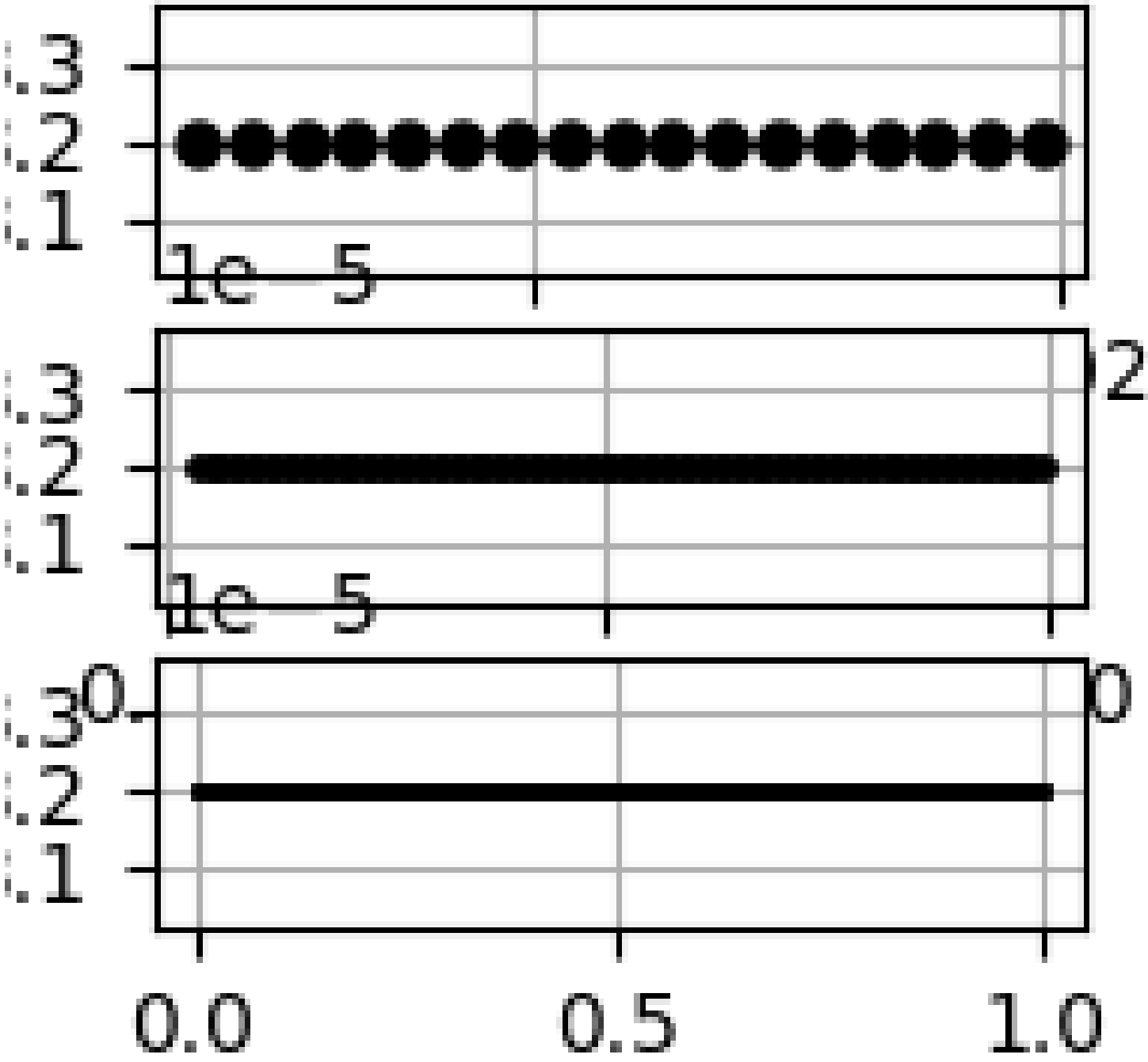
Simulation mean is in 1.1% band of true mean with 99% confidence

VL4 in AutoNetwork.ES0



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

4 in 1 AutoNetwork.ESGroup



SWQueueingTime

Maximum : 0.000231950027

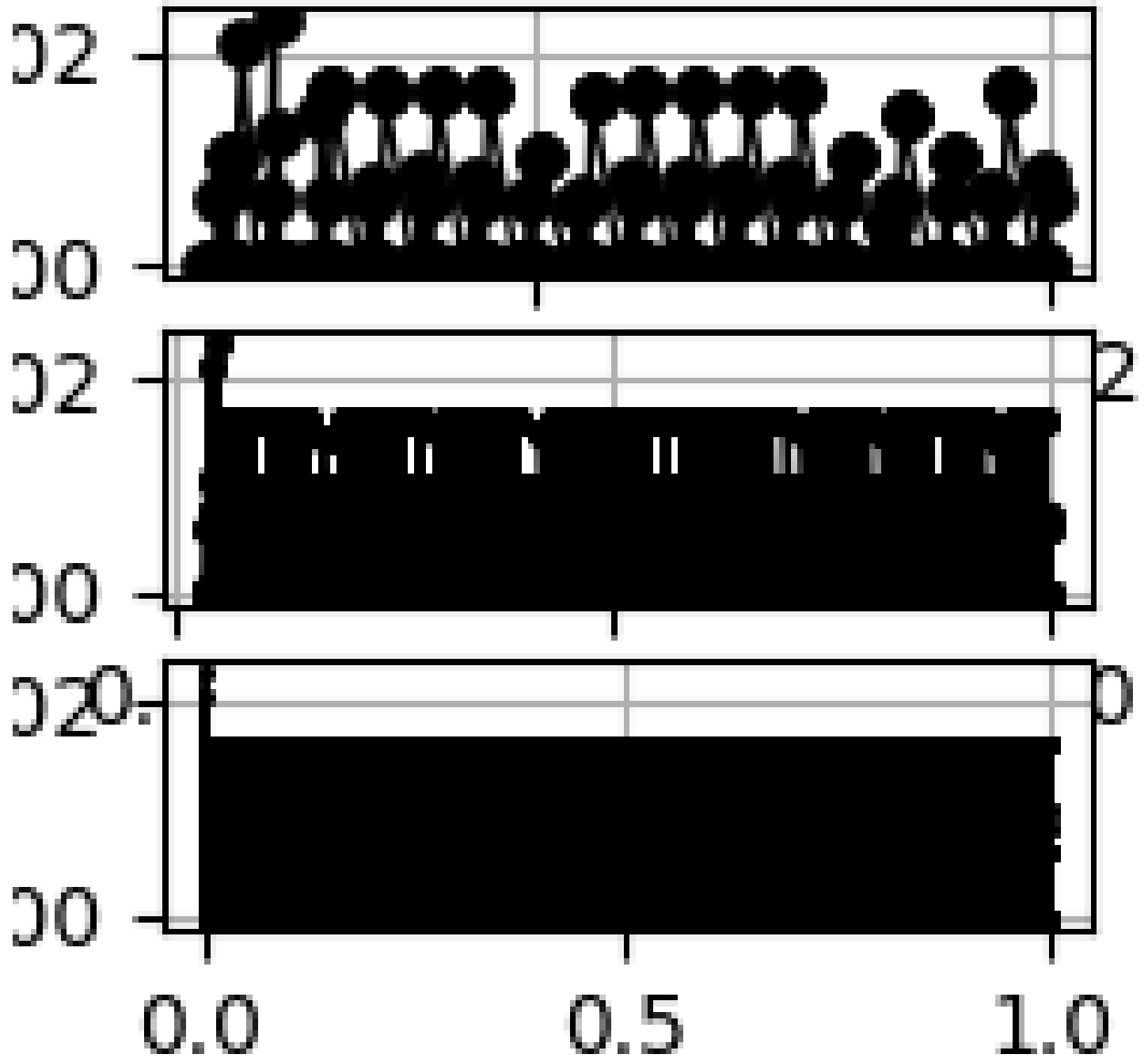
Minimum : 0.0

Mean : 3.902566559015945e-05

Simulation mean is in 2.0% band of true mean with 95% confidence

Simulation mean is in 2.7% band of true mean with 99% confidence

'L4 in AutoNetwork.ESGr



3.5. VL5 Statistics

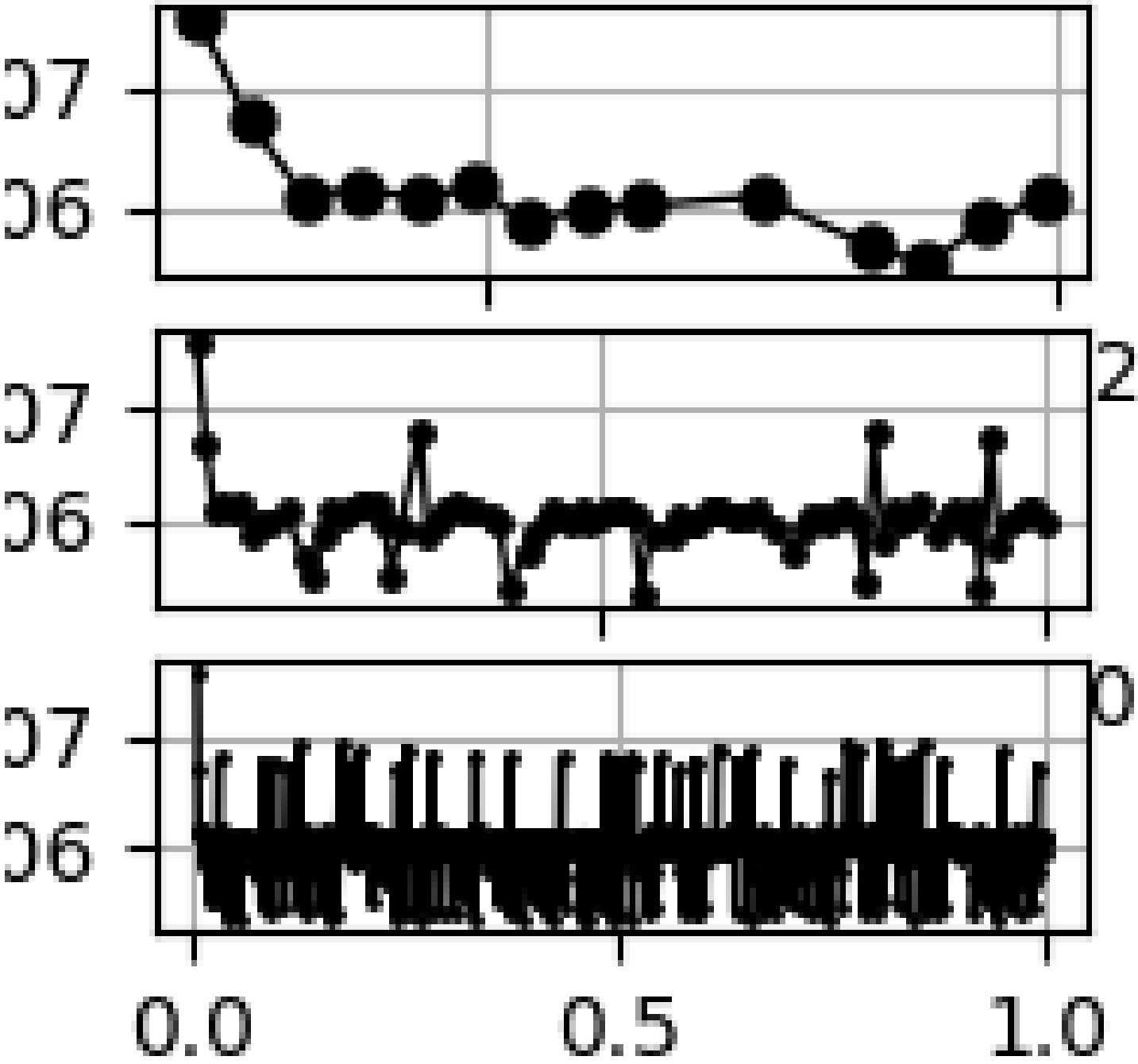
E2ELatency

Maximum	:	0.000757808132
Minimum	:	0.000537829379
Mean	:	0.000602666885454955

Simulation mean is in 0.3% band of true mean with 95% confidence

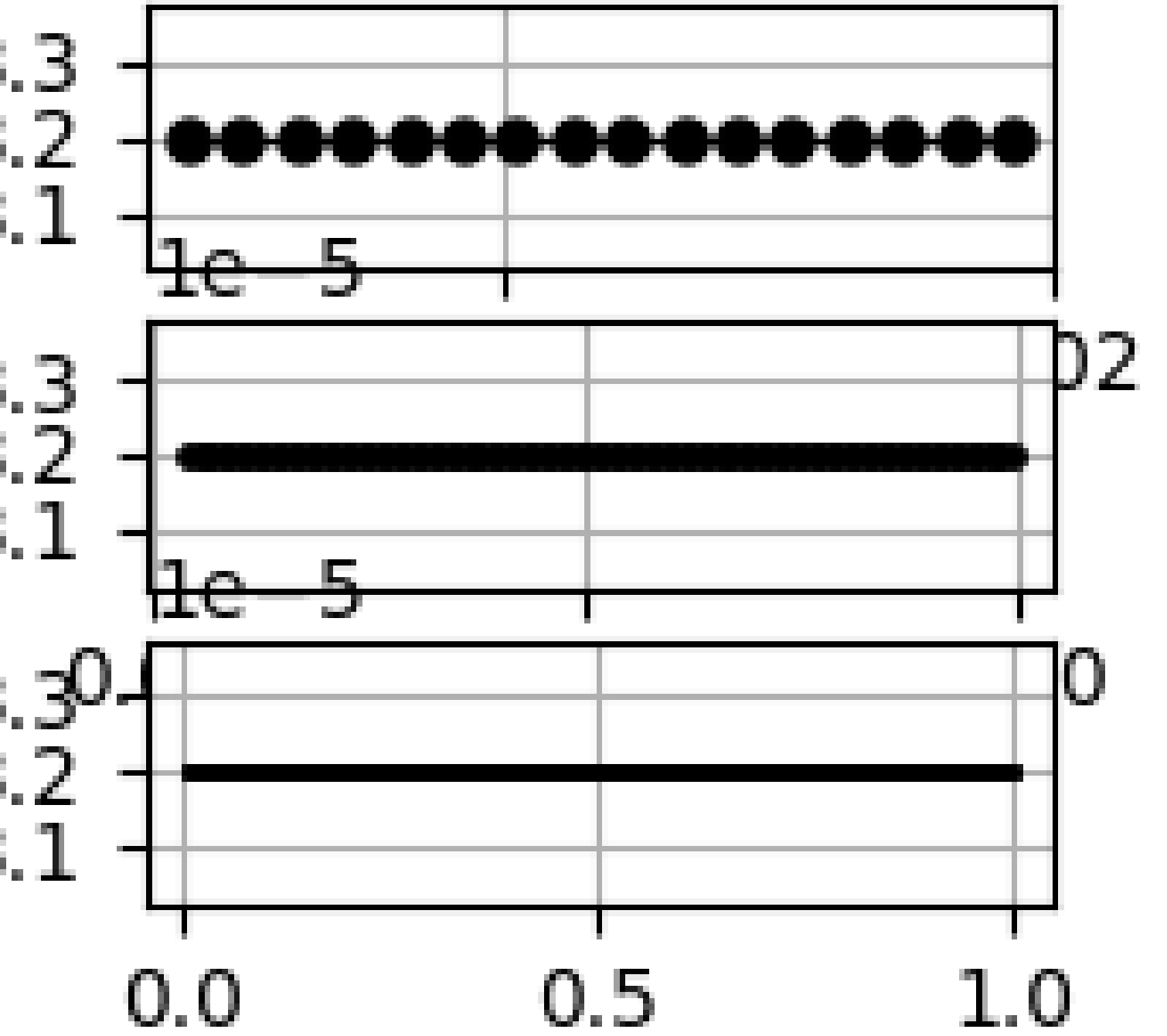
Simulation mean is in 0.4% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
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

5 in AutoNetwork.ESGro

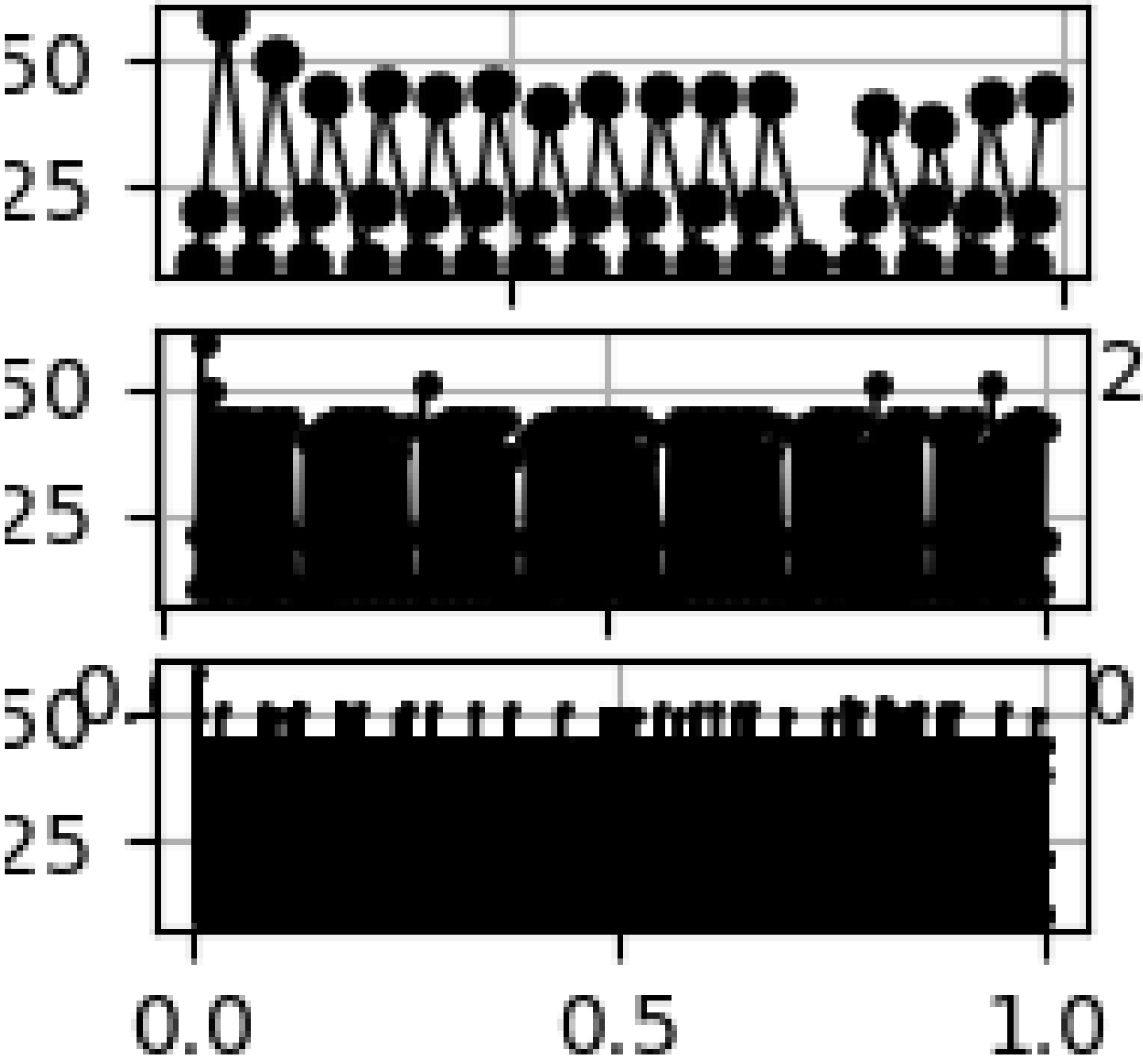


ESSchedulingLatency

Maximum	:	0.000586078132
Minimum	:	9.909e-05
Mean	:	0.00024414460131630855

Simulation mean is in 2.1% band of true mean with 95% confidence
Simulation mean is in 2.7% band of true mean with 99% confidence

VL5 in AutoNetwork.ES0



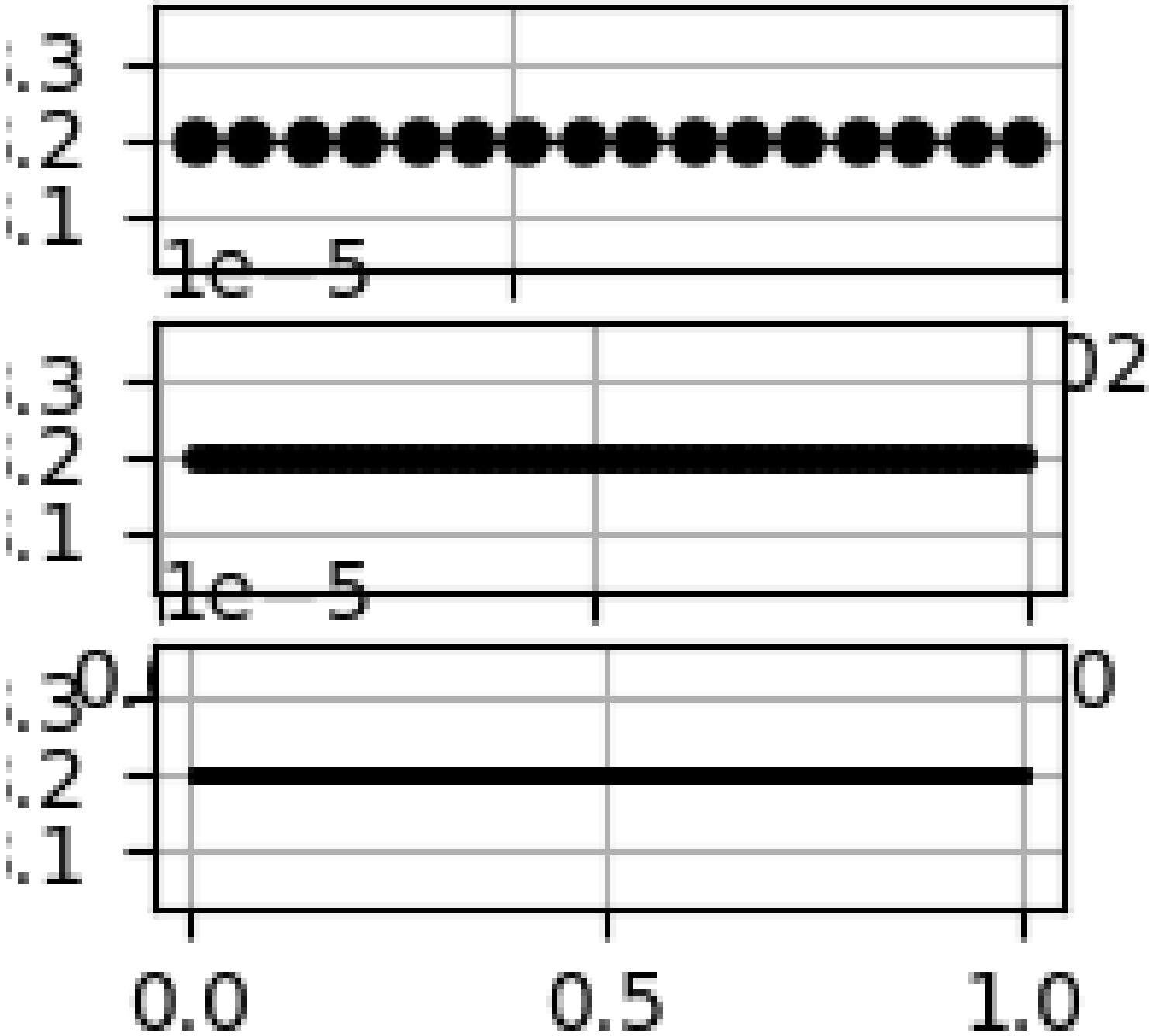
ESBagLatency

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

5 in 1 AutoNetwork.ESGroup

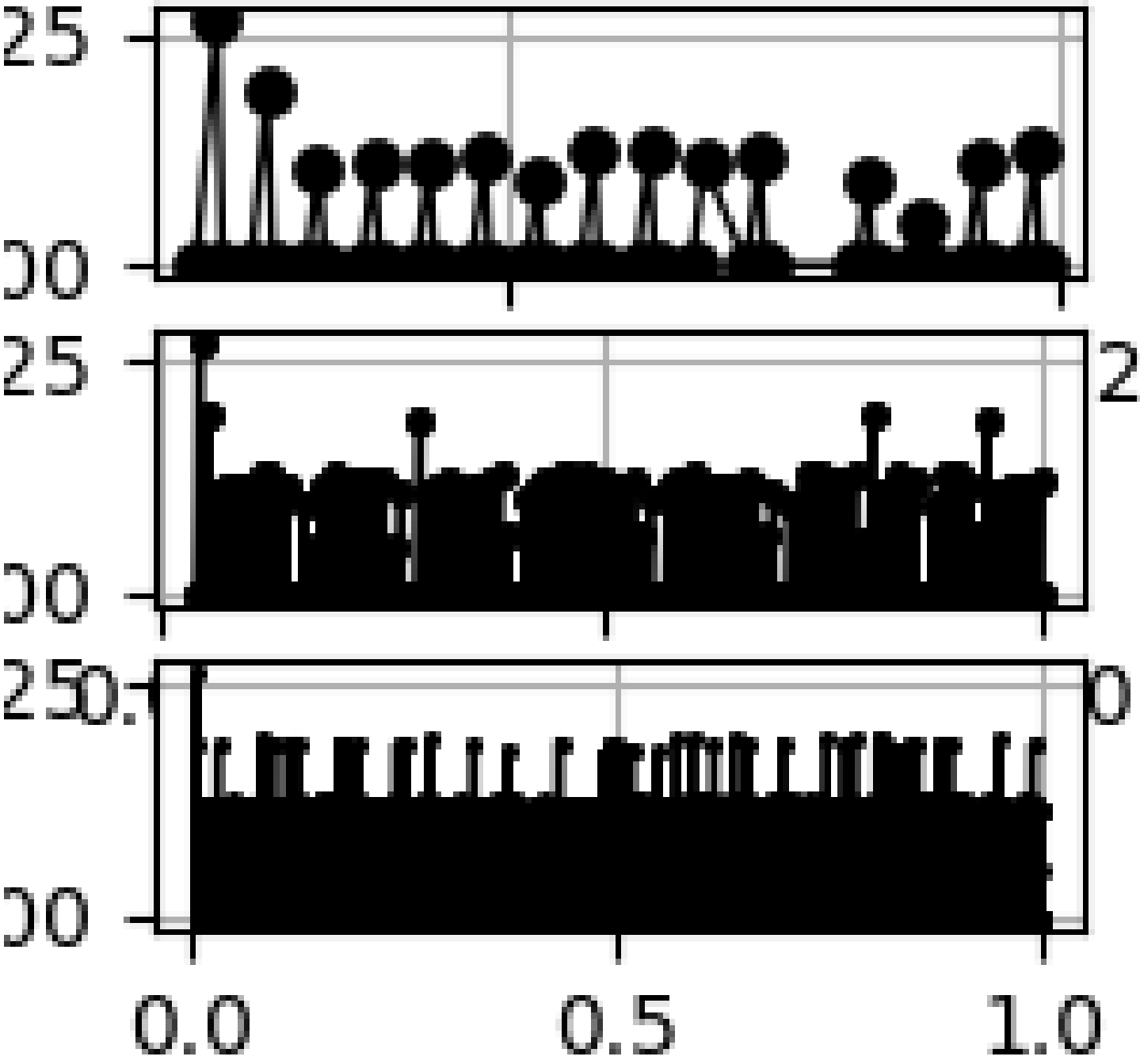


SWQueueingTime

Maximum	:	0.000266888132
Minimum	:	0.0
Mean	:	3.8524783912741875e-05

Simulation mean is in 3.8% band of true mean with 95% confidence
Simulation mean is in 5.1% band of true mean with 99% confidence

'L5 in AutoNetwork.ESGr



3.6. VL6 Statistics

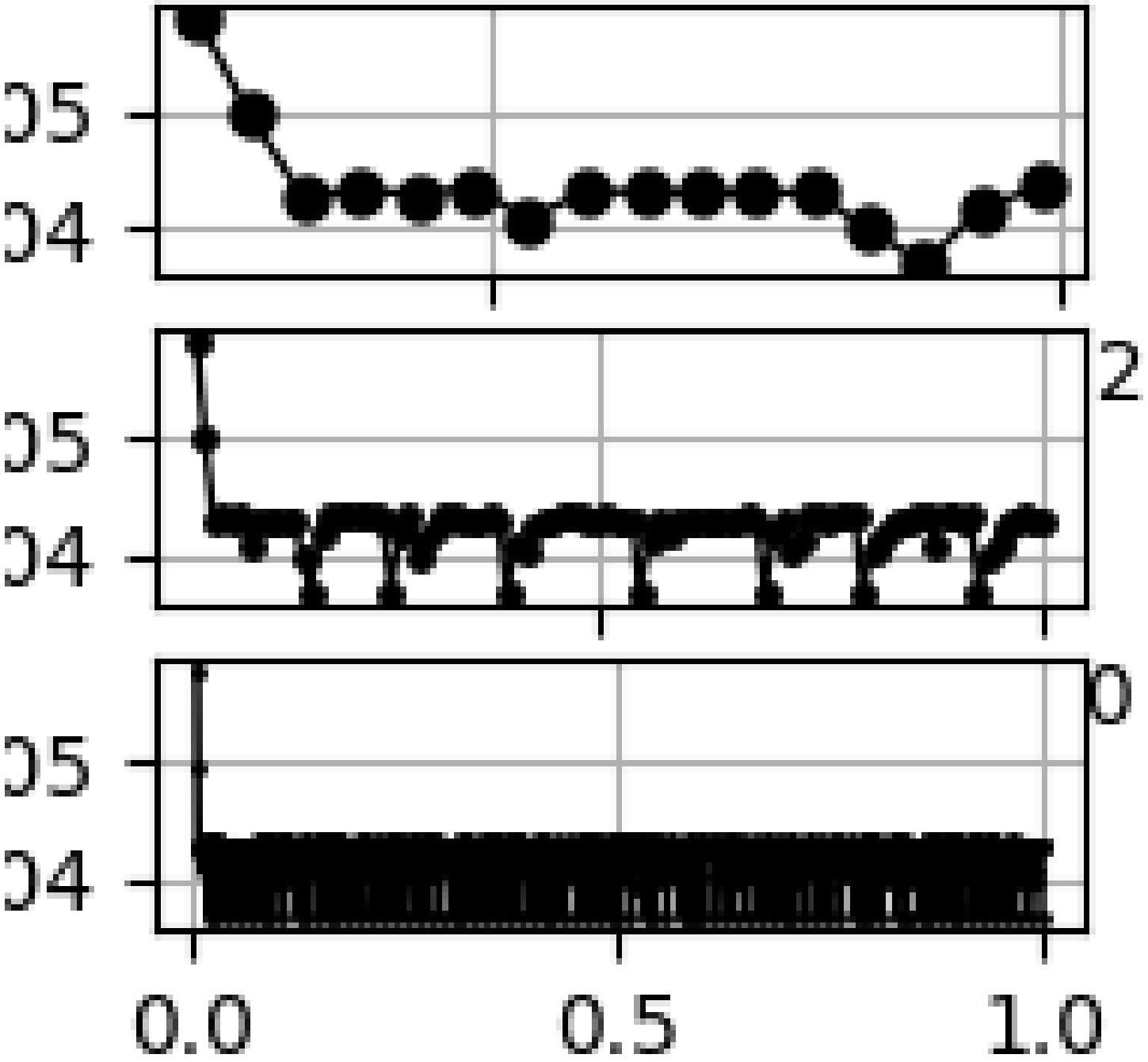
E2ELatency

Maximum	:	0.000580128753
Minimum	:	0.00036927
Mean	:	0.0004219217002680723

Simulation mean is in 0.3% band of true mean with 95% confidence

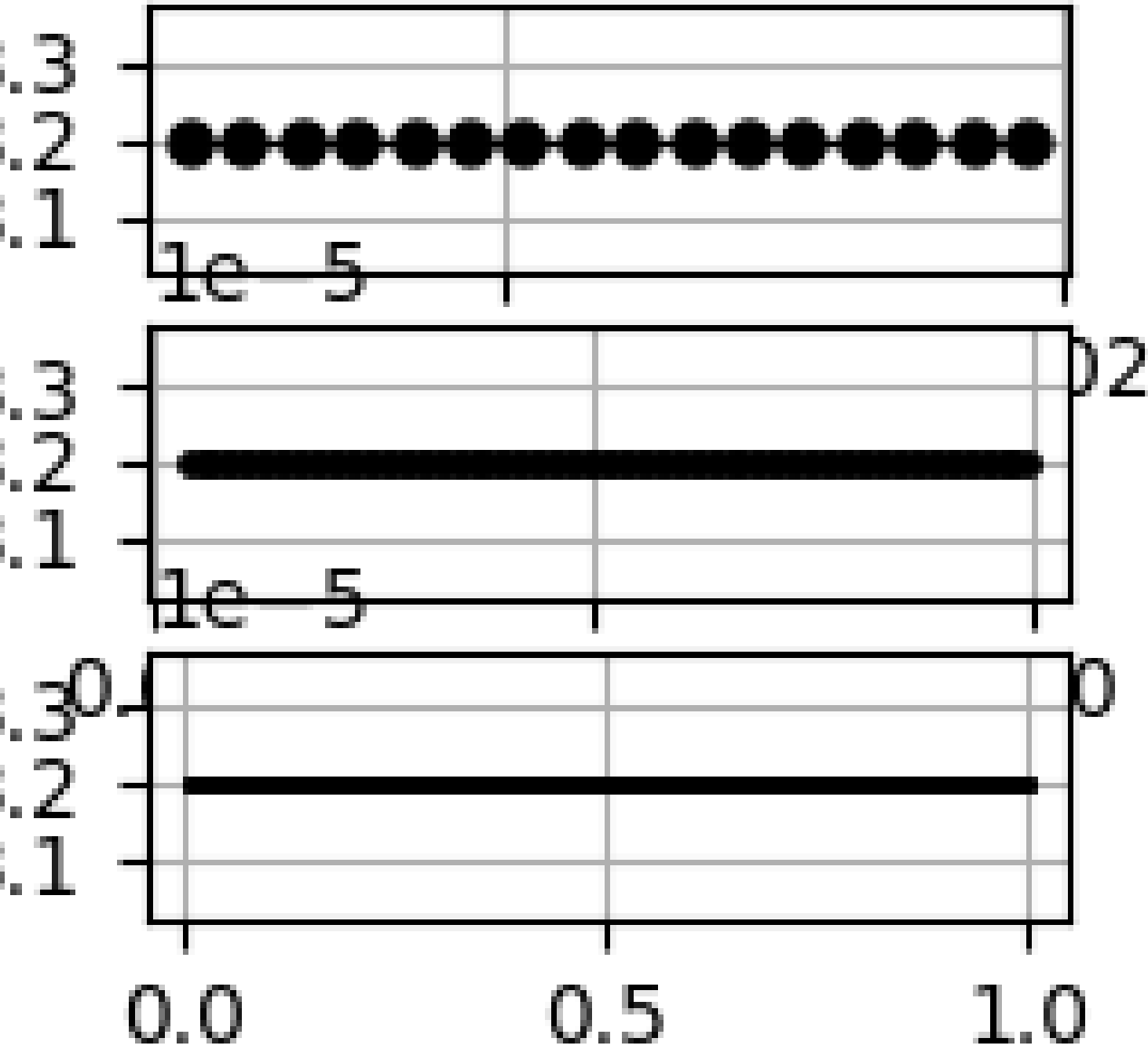
Simulation mean is in 0.4% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
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

6 in AutoNetwork.ESGro



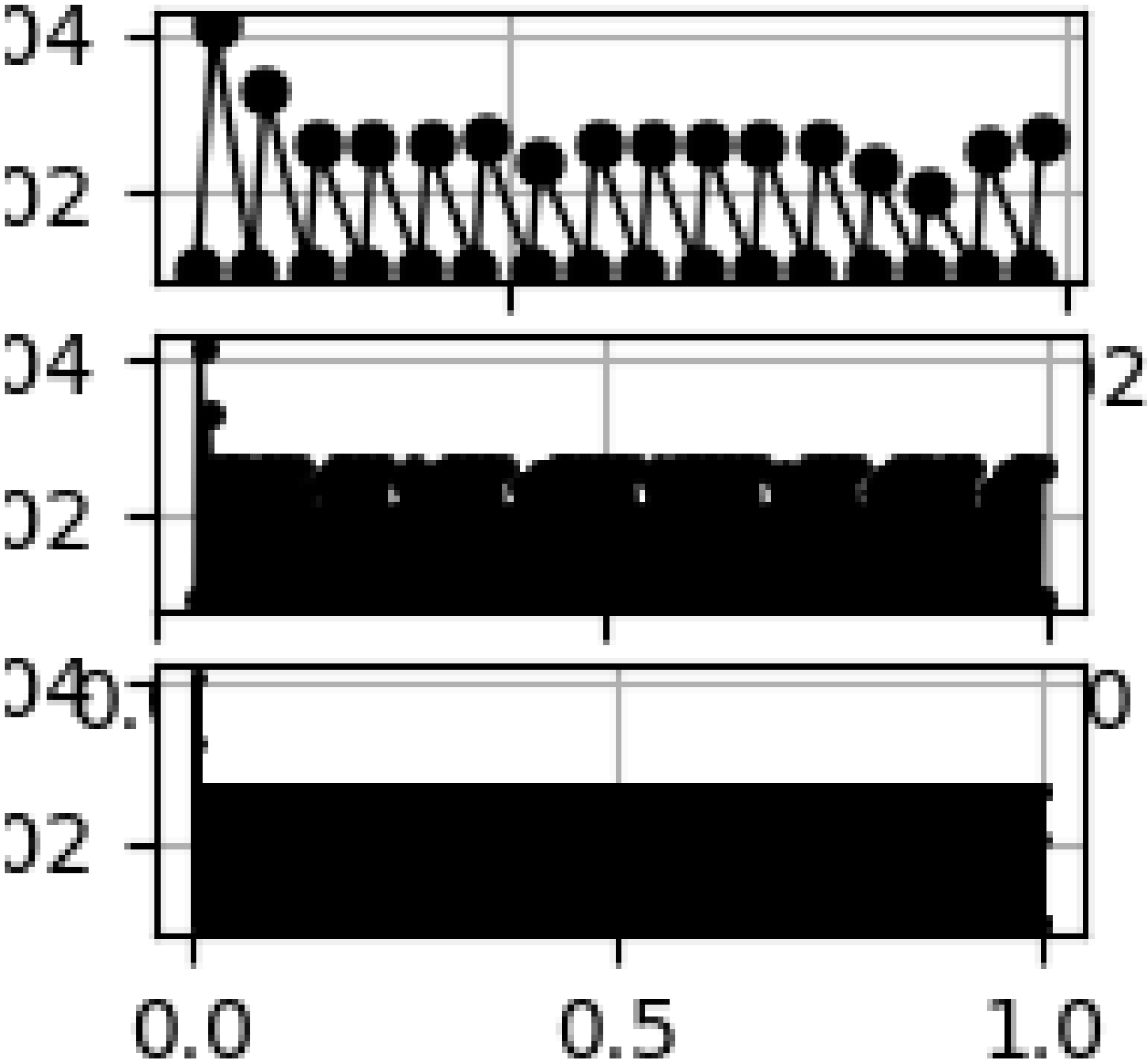
ESSchedulingLatency

Maximum	:	0.000413038753
Minimum	:	9.909e-05
Mean	:	0.00017696085013403615

Simulation mean is in 2.0% band of true mean with 95% confidence

Simulation mean is in 2.6% band of true mean with 99% confidence

VL6 in AutoNetwork.ES0



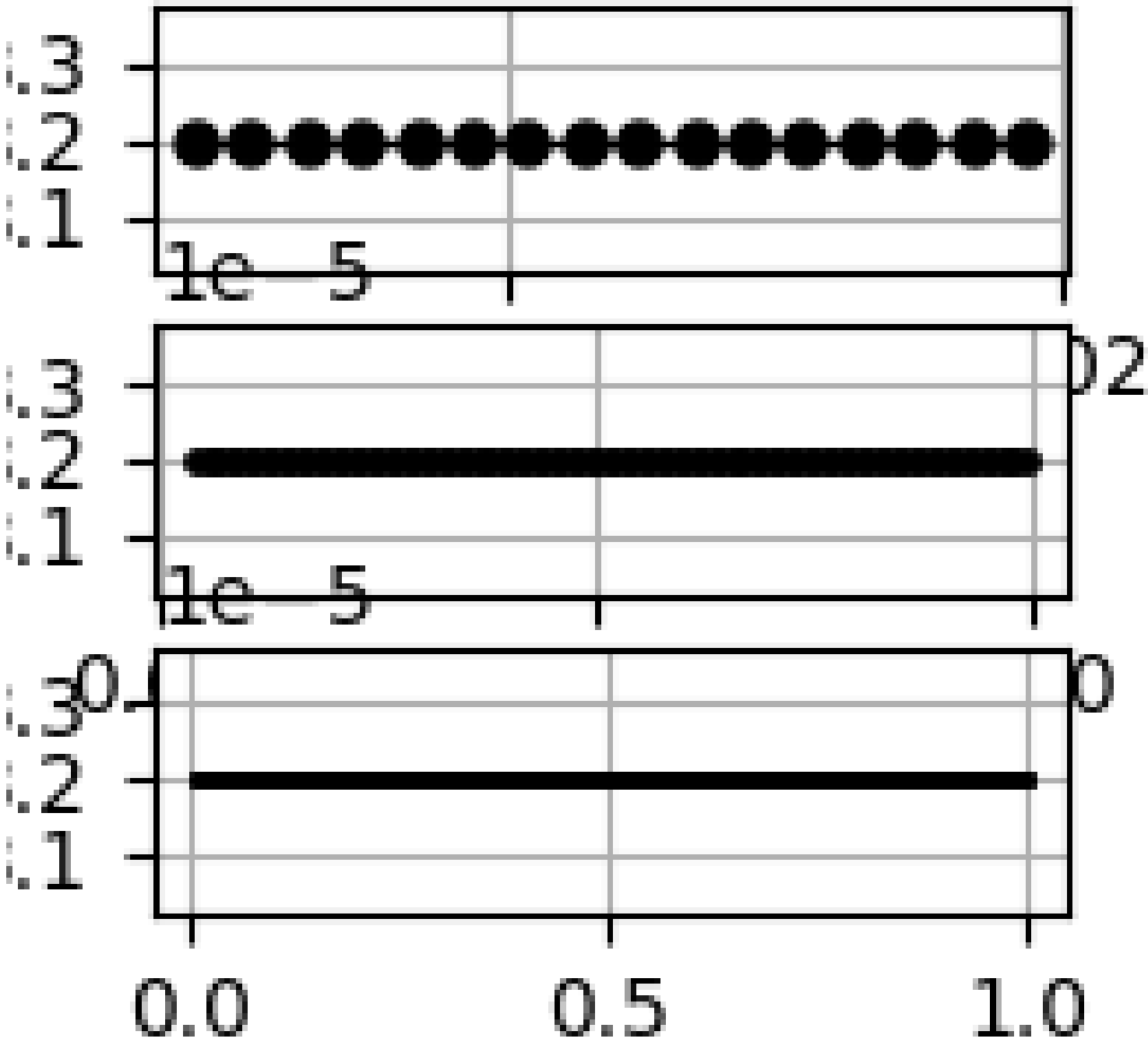
ESBagLatency

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

5 in 1 AutoNetwork.ESGroup

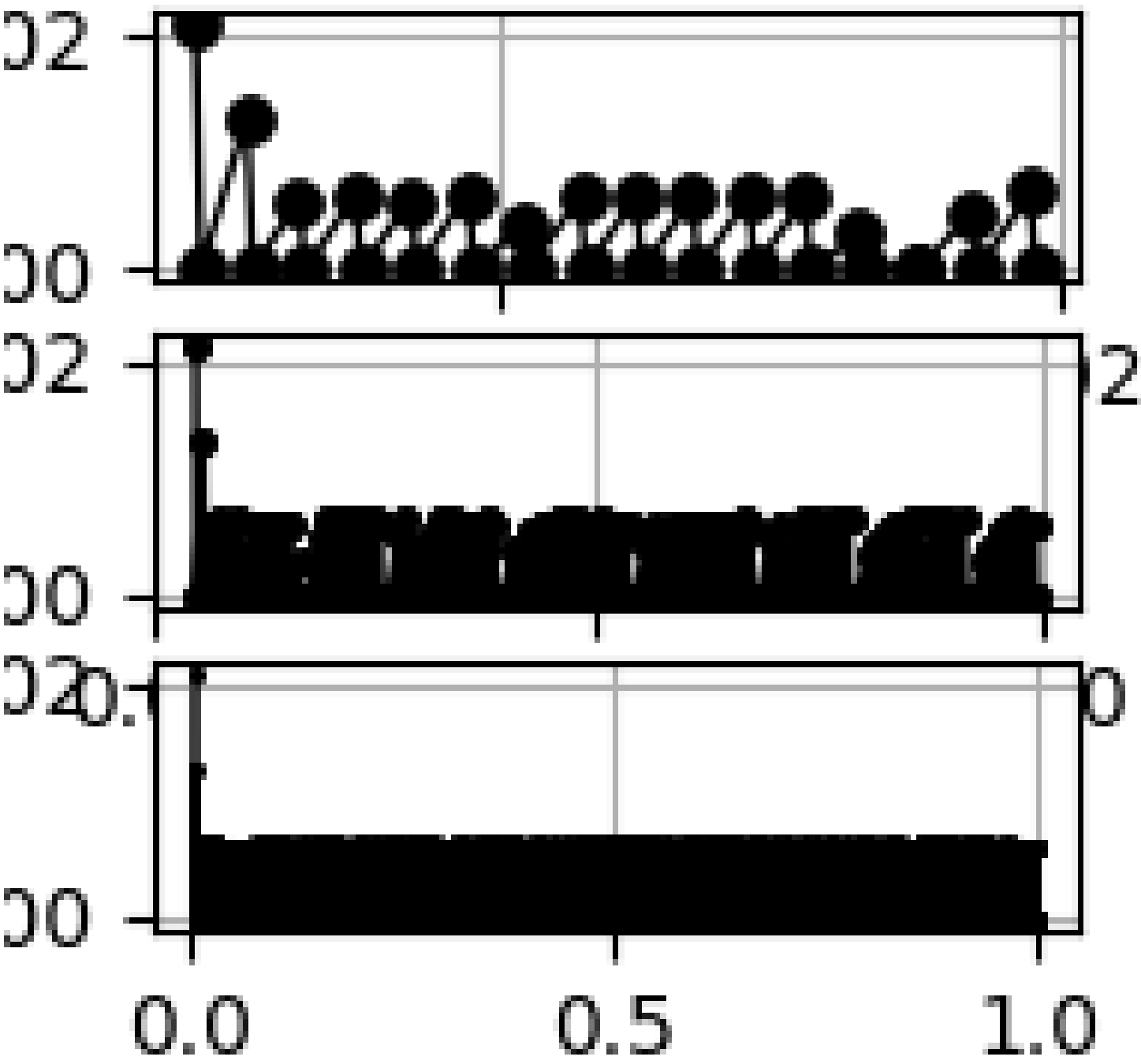


SWQueueingTime

Maximum	:	0.000210858753
Minimum	:	0.0
Mean	:	2.6325850134036145e-05

Simulation mean is in 3.5% band of true mean with 95% confidence
Simulation mean is in 4.6% band of true mean with 99% confidence

'L6 in AutoNetwork.ESGr



3.7. VL7 Statistics

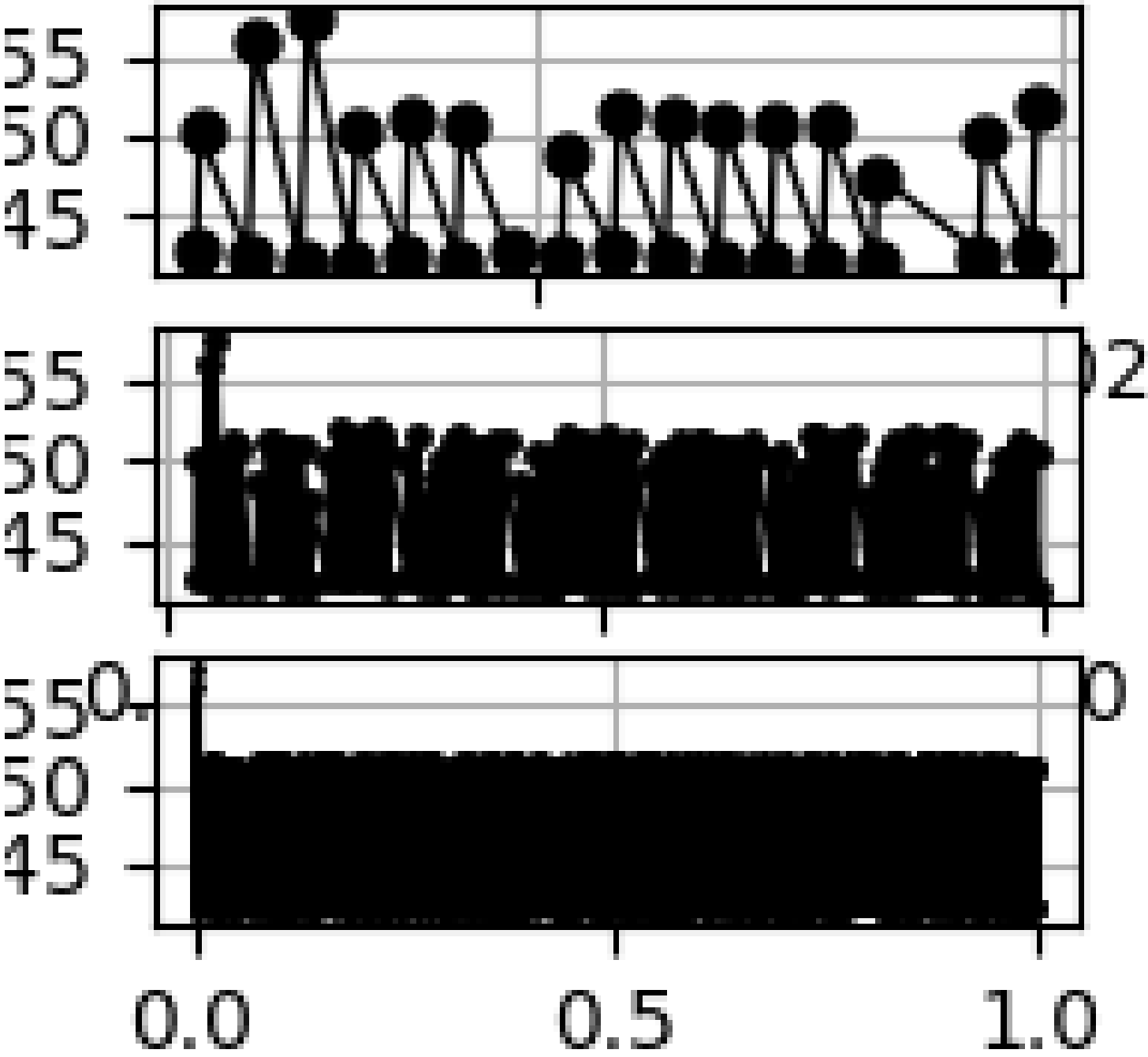
E2ELatency

Maximum	:	0.0005747
Minimum	:	0.00041967623
Mean	:	0.00046475744301907357

Simulation mean is in 0.4% band of true mean with 95% confidence

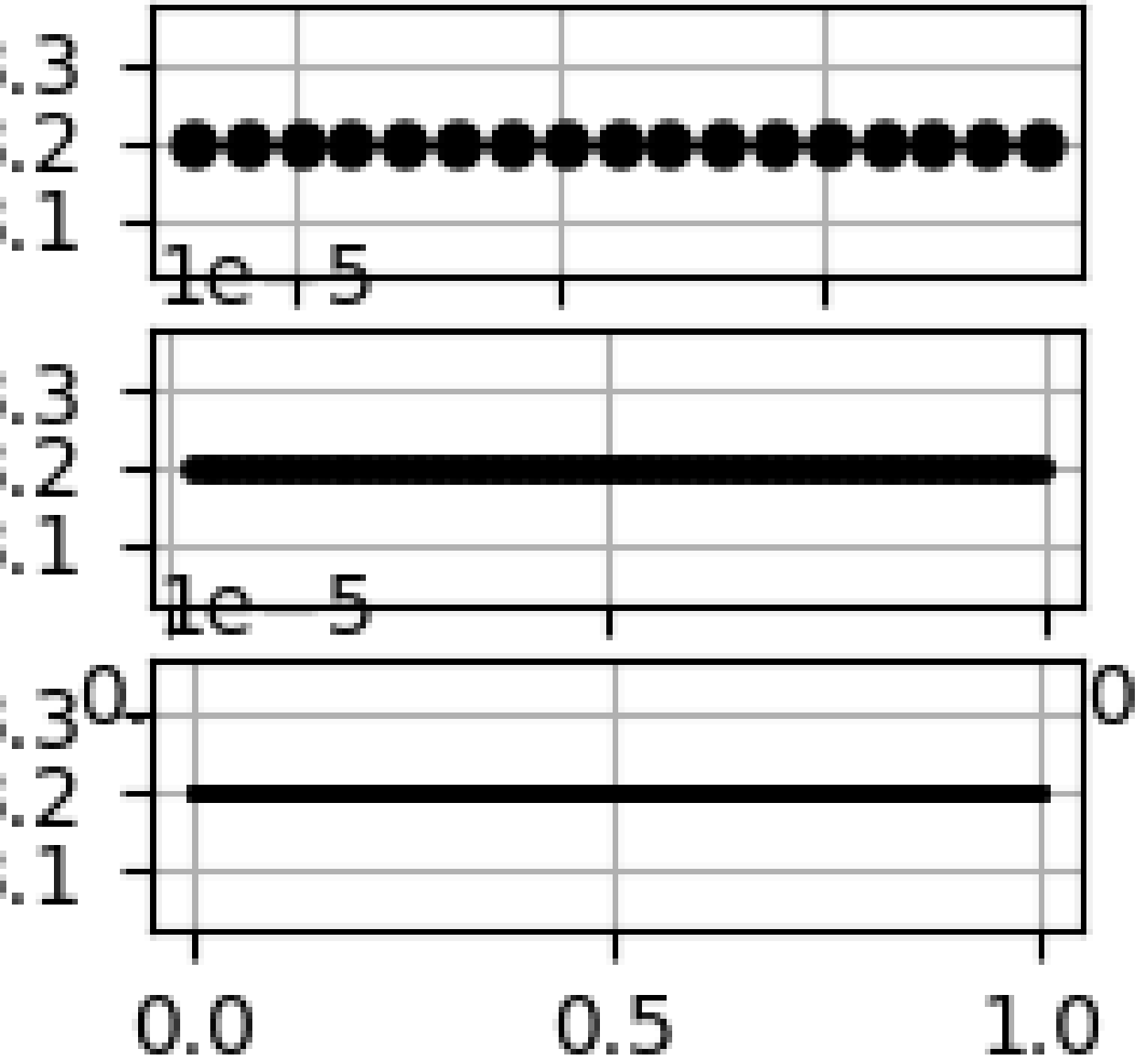
Simulation mean is in 0.5% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
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

7 in AutoNetwork.ESGro



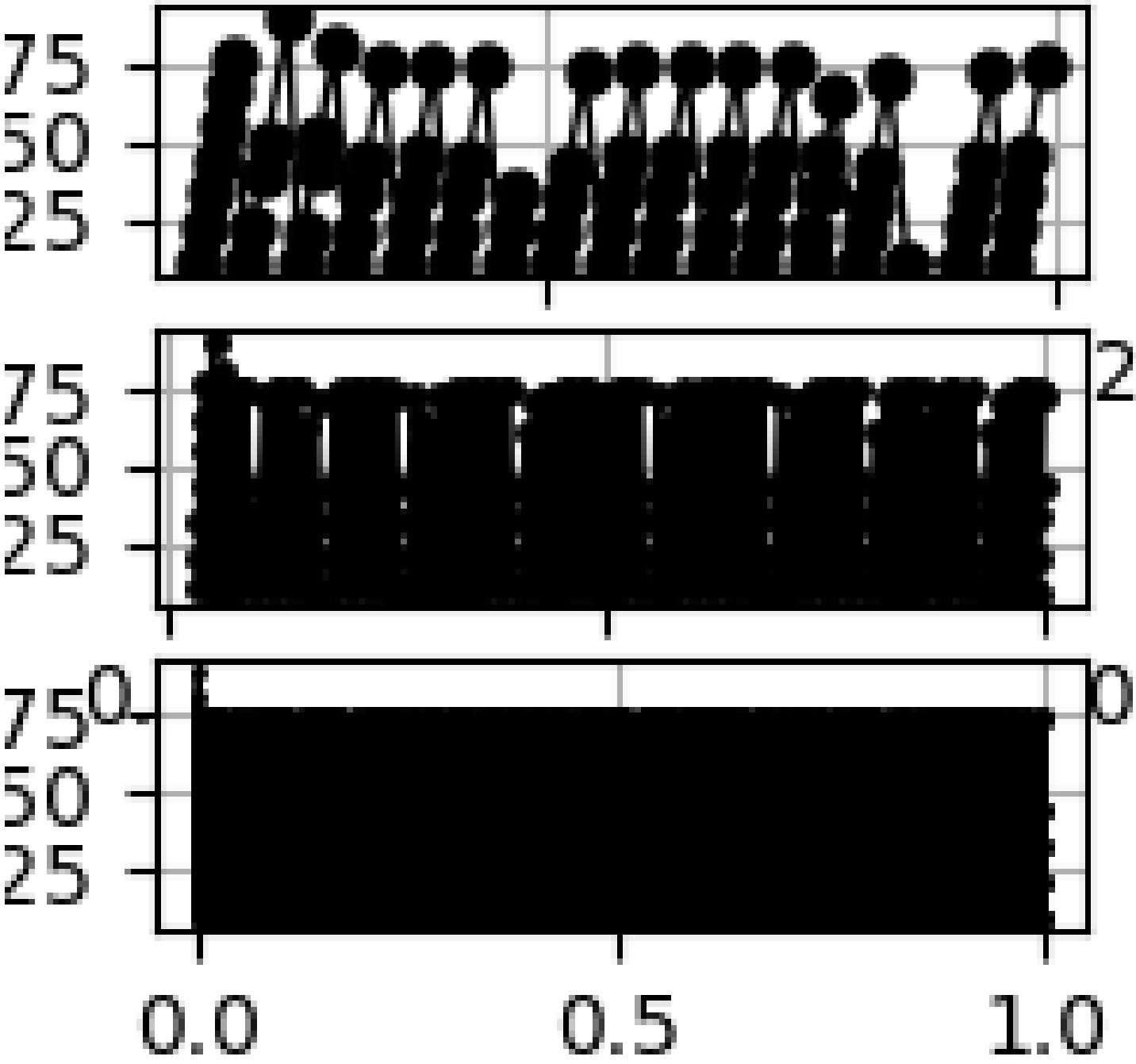
ESSchedulingLatency

Maximum	:	0.00089935
Minimum	:	9.909e-05
Mean	:	0.00035971791559307544

Simulation mean is in 1.7% band of true mean with 95% confidence

Simulation mean is in 2.3% band of true mean with 99% confidence

VL7 in AutoNetwork.ES0



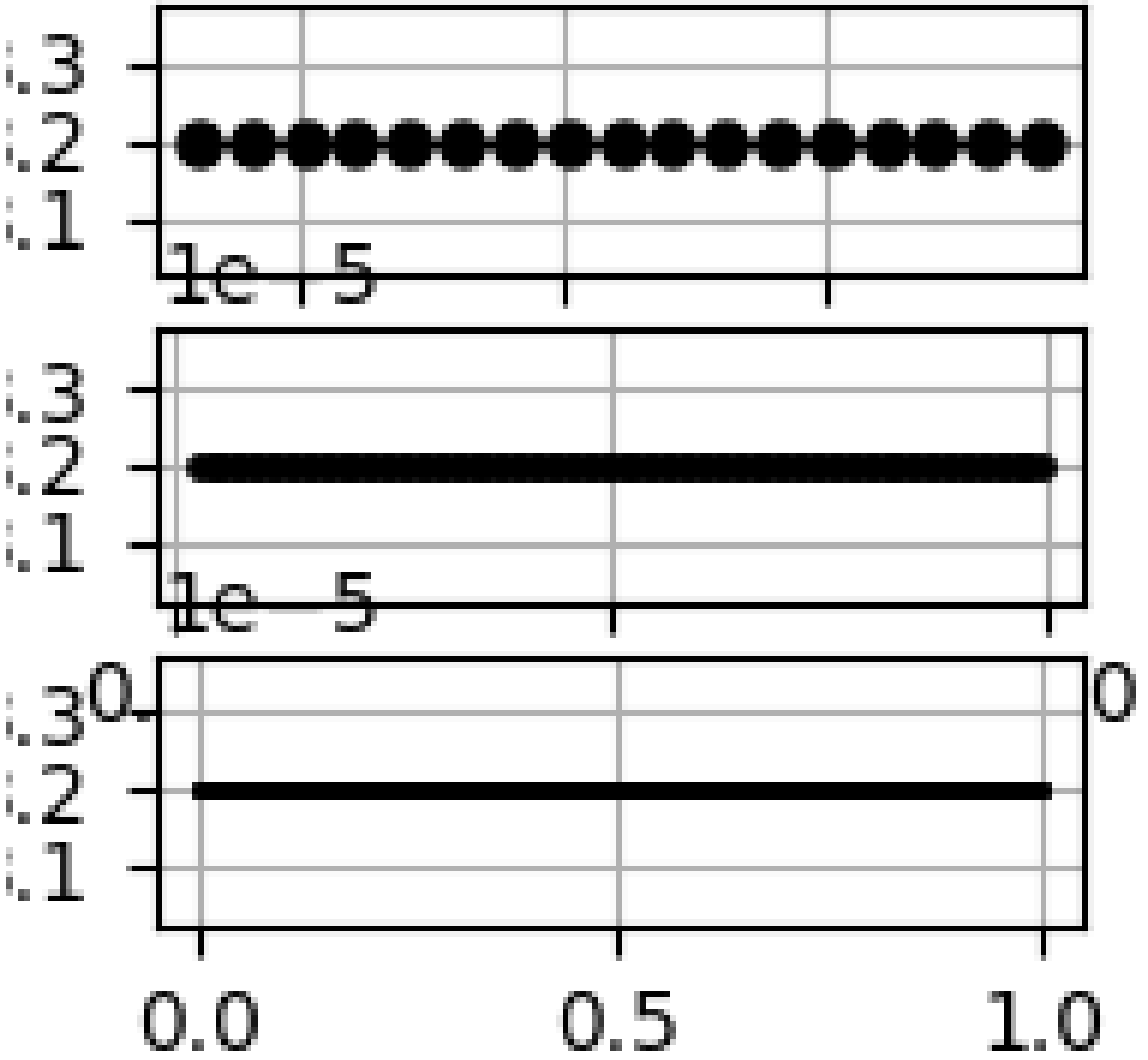
ESBagLatency

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

7 in 1 AutoNetwork.ESGroup

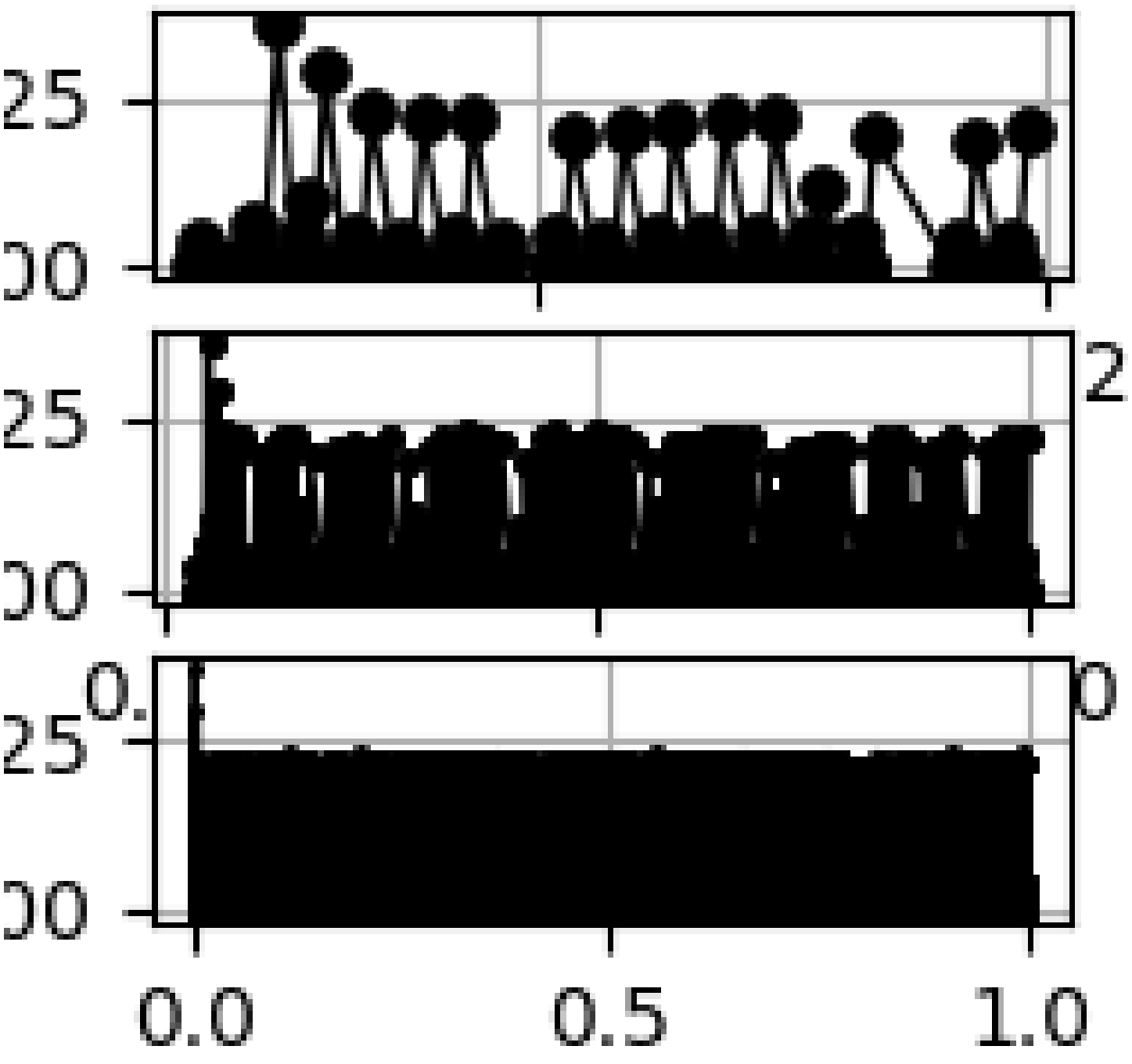


SWQueueingTime

Maximum	:	0.0003591
Minimum	:	0.0
Mean	:	3.7140695414467554e-05

Simulation mean is in 3.2% band of true mean with 95% confidence
Simulation mean is in 4.3% band of true mean with 99% confidence

'L7 in AutoNetwork.ESGr



3.8. VL16 Statistics

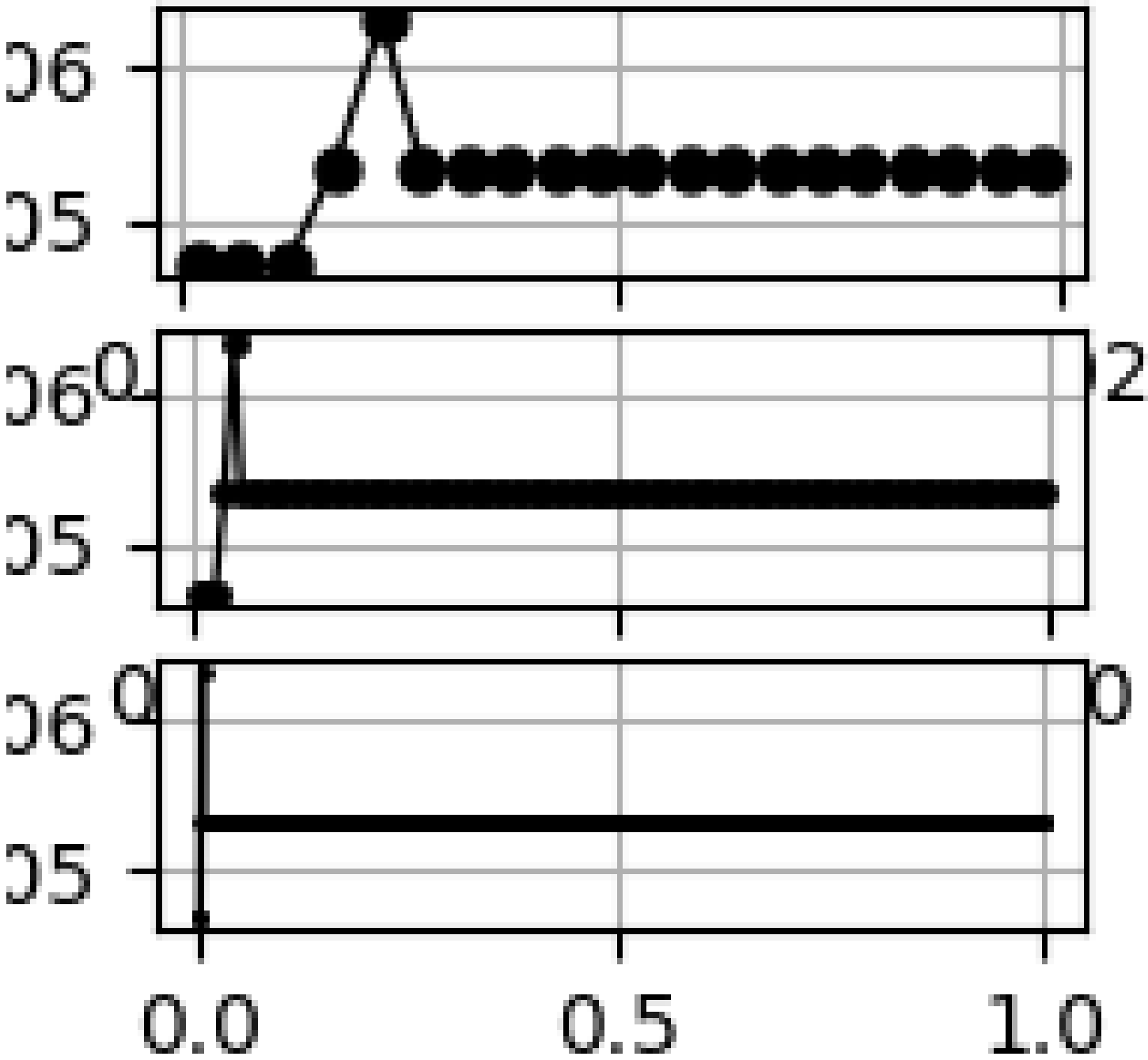
E2ELatency

Maximum	:	0.000633493082
Minimum	:	0.00046927
Mean	:	0.000533400412754

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

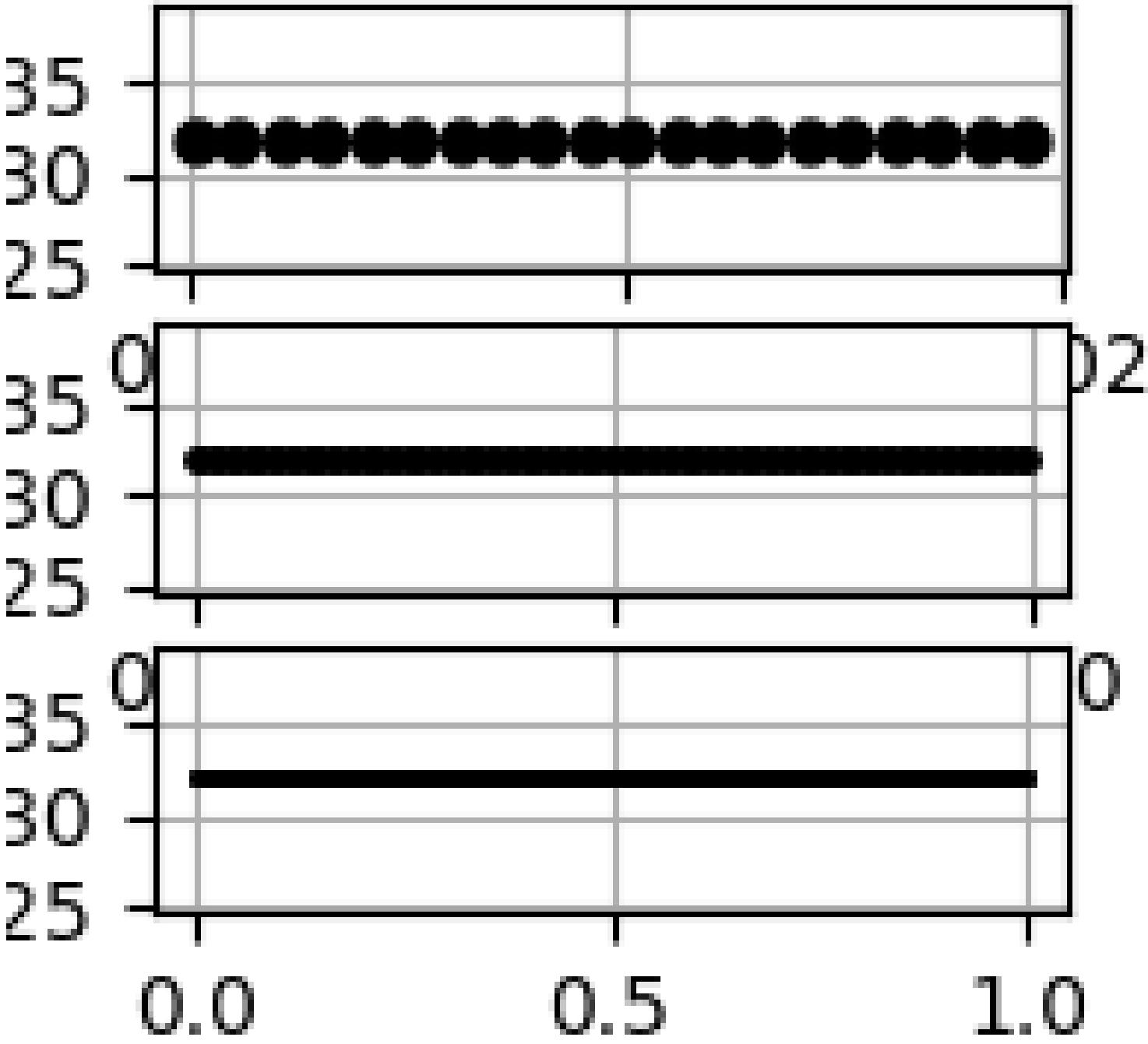
Simulation mean is in 0.1% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
Maximum : 0.000132
Minimum : 0.000132
Mean : 0.000132
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

L6 in AutoNetwork.ESGro

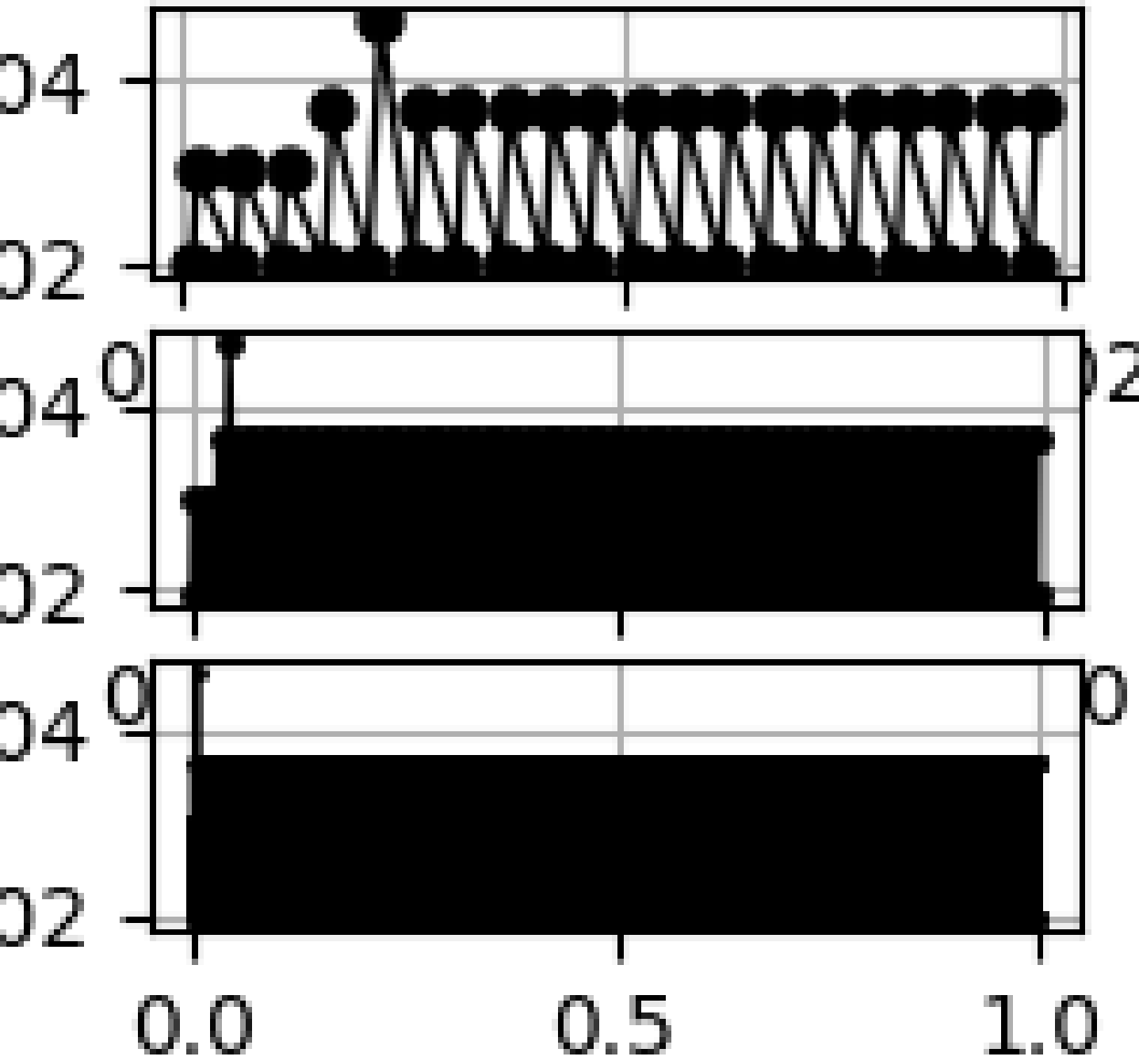


ESSchedulingLatency

Maximum	:	0.000466403082
Minimum	:	0.00019909
Mean	:	0.000282700206377

Simulation mean is in 1.3% band of true mean with 95% confidence
Simulation mean is in 1.7% band of true mean with 99% confidence

VL16 in AutoNetwork.ES

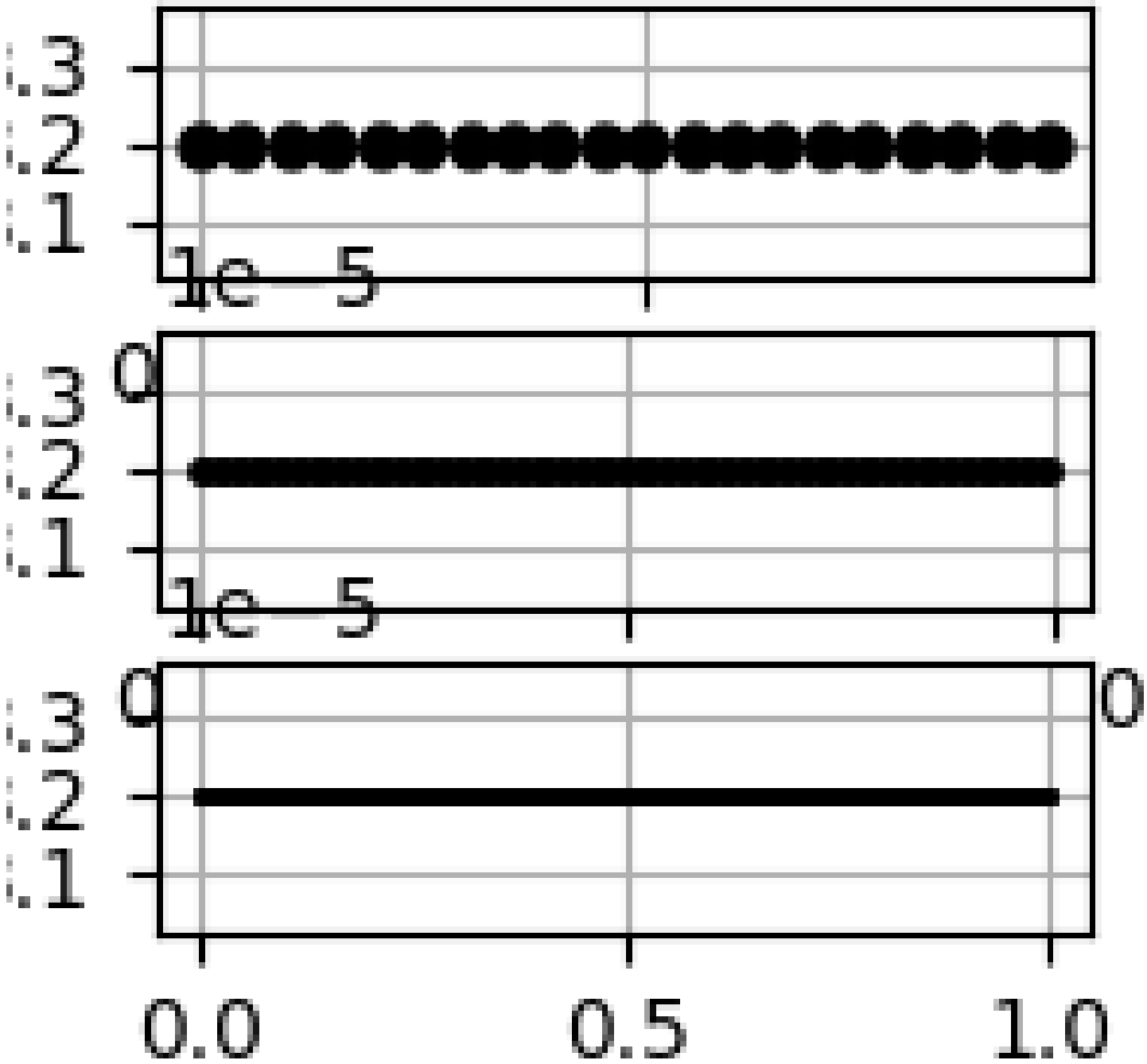


ESBagLatency

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

6 in AutoNetwork.ESGro

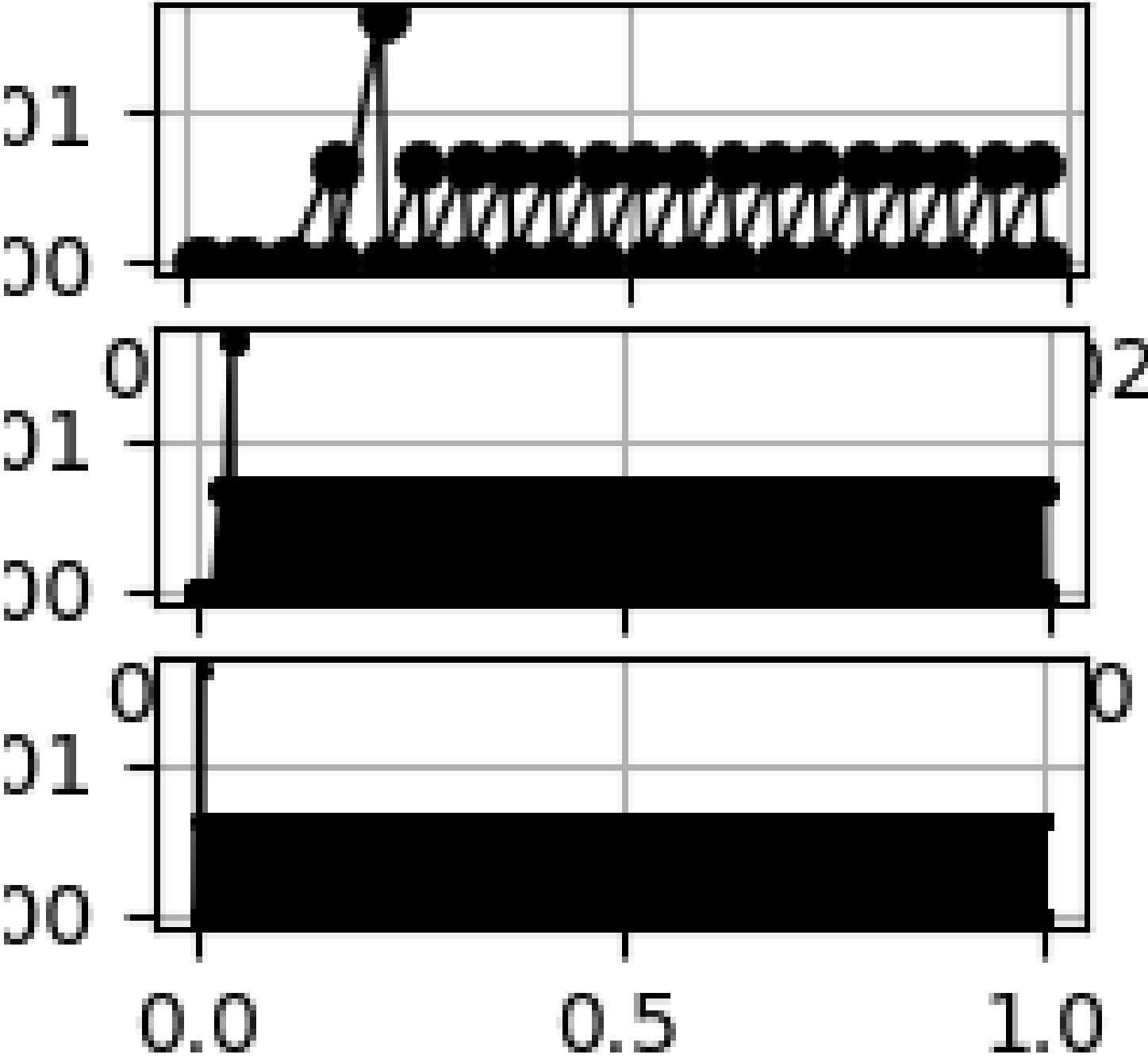


SWQueueingTime

Maximum	:	0.000164223082
Minimum	:	0.0
Mean	:	3.2065206376999995e-05

Simulation mean is in 3.1% band of true mean with 95% confidence
Simulation mean is in 4.1% band of true mean with 99% confidence

_16 in AutoNetwork.ESG



3.9. VL17 Statistics

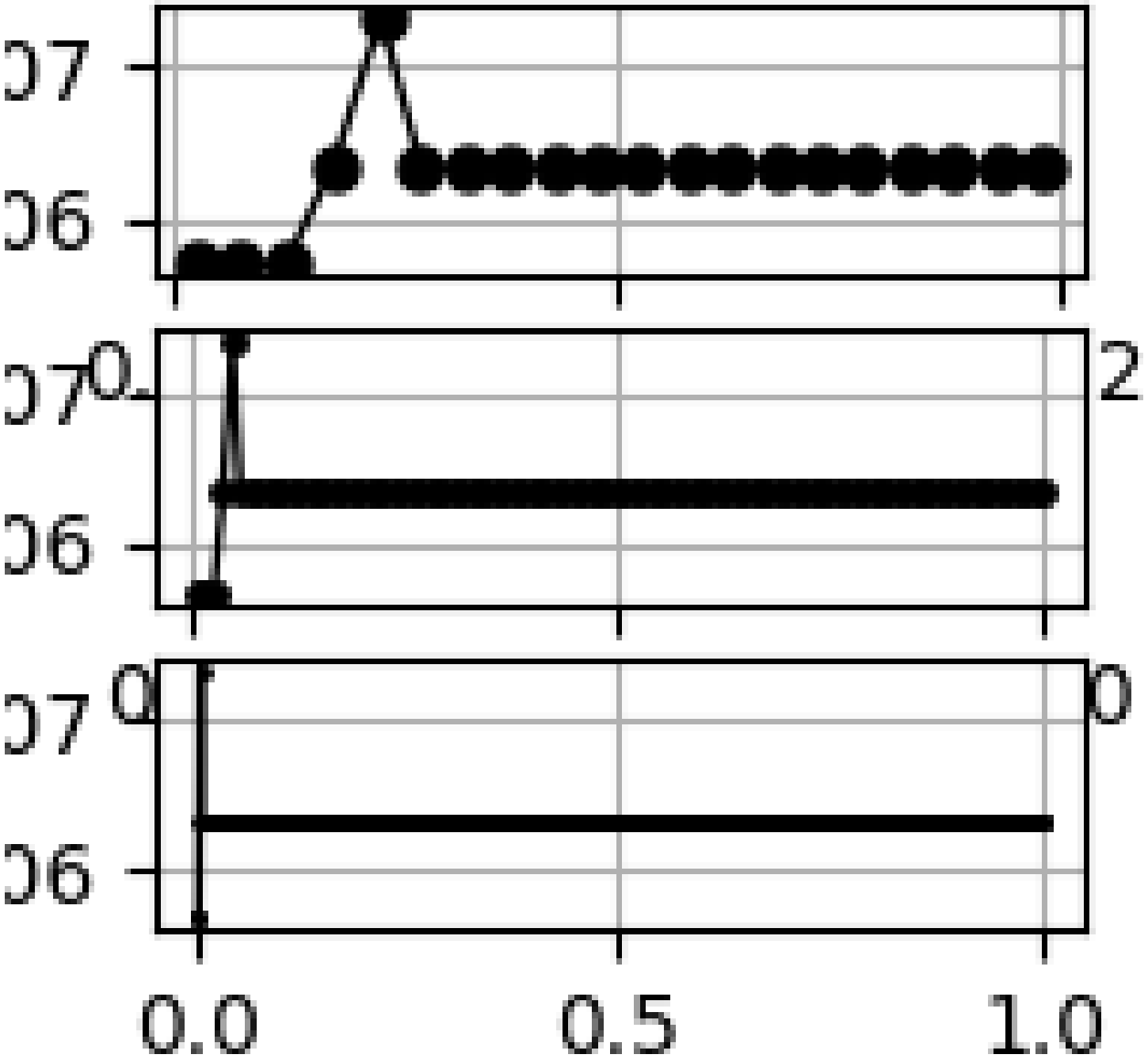
E2ELatency

Maximum	:	0.000733493082
Minimum	:	0.00056927
Mean	:	0.000633400412754

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

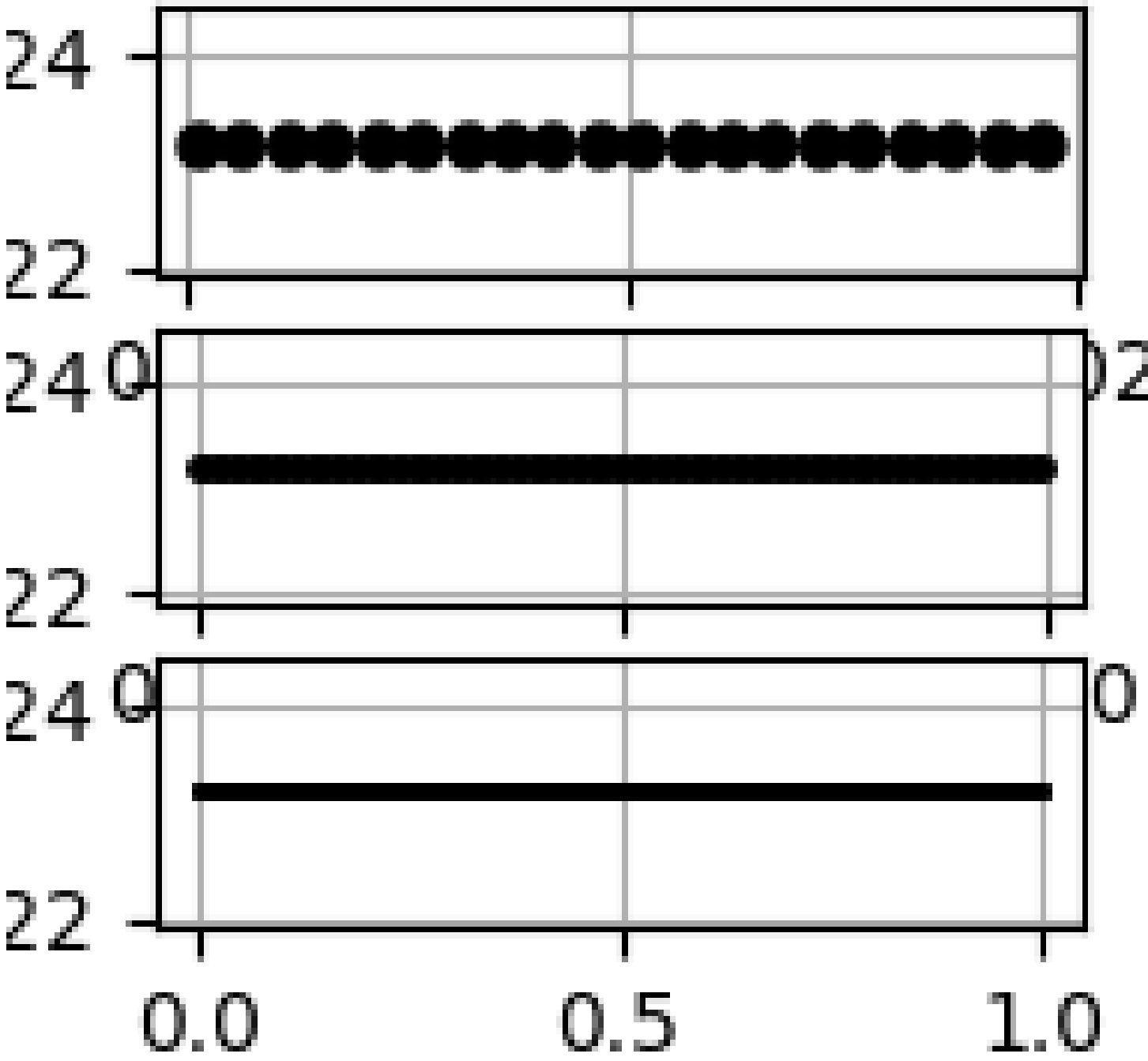
Simulation mean is in 0.1% band of true mean with 99% confidence

in AutoNetwork.ESGroup



ESTotalLatency
Maximum : 0.000232
Minimum : 0.000232
Mean : 0.000232
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

L7 in AutoNetwork.ESGro



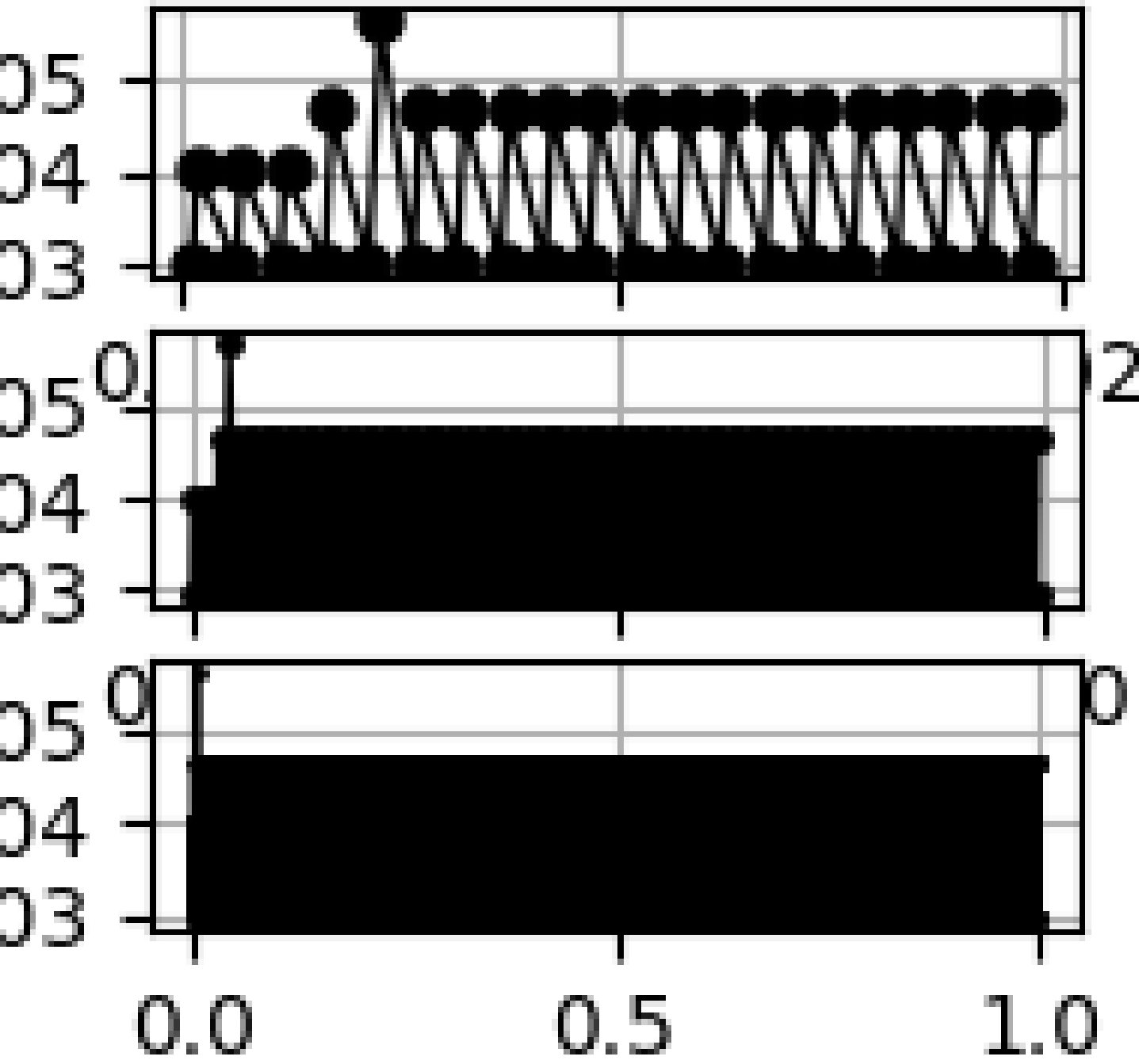
ESSchedulingLatency

Maximum	:	0.000566403082
Minimum	:	0.00029909
Mean	:	0.000382700206377

Simulation mean is in 1.0% band of true mean with 95% confidence

Simulation mean is in 1.3% band of true mean with 99% confidence

VL17 in AutoNetwork.ES

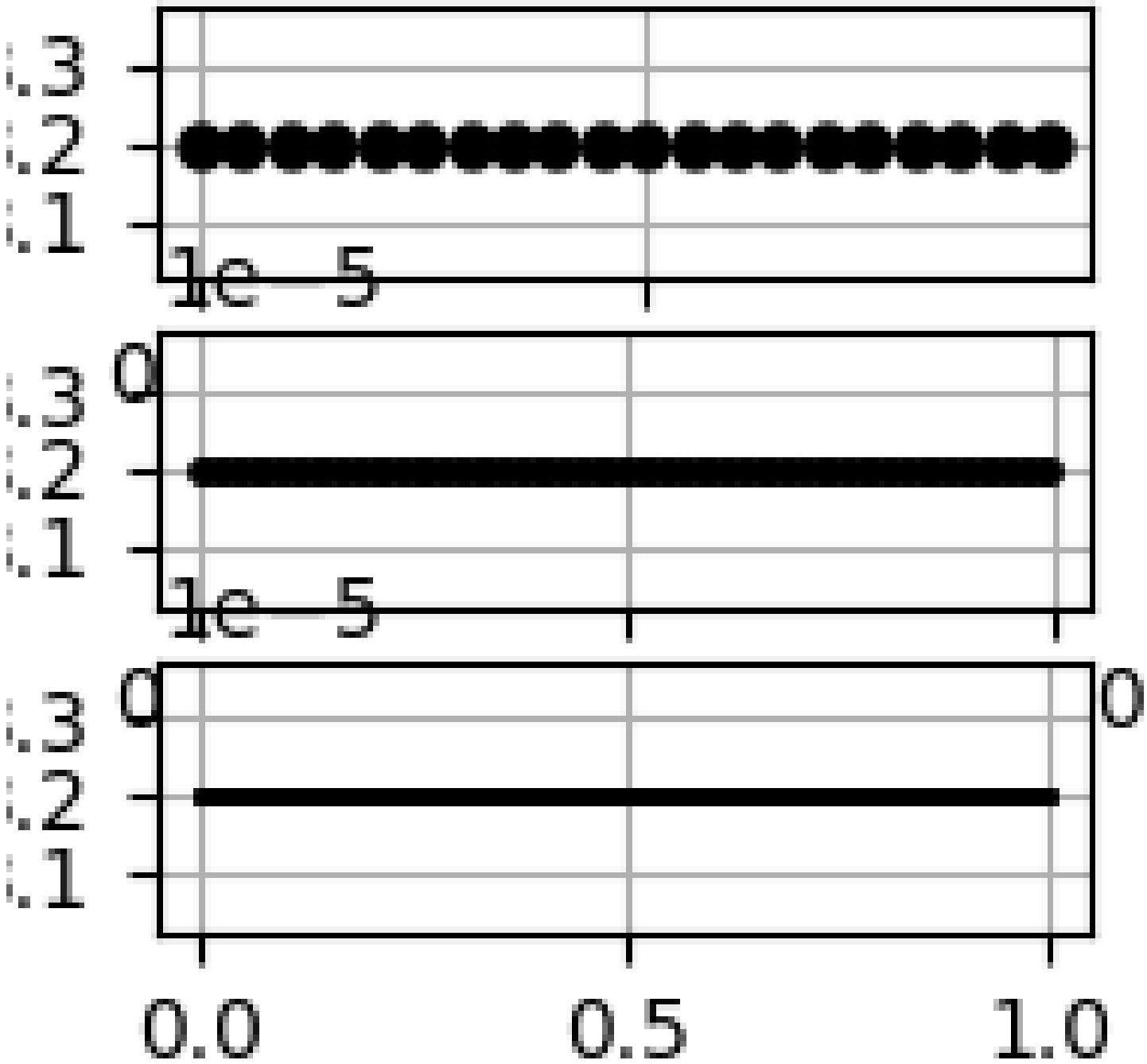


ESBagLatency

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

7 in AutoNetwork.ESGro



SWQueueingTime
Maximum : 0.000164223082
Minimum : 0.0
Mean : 3.2065206376999995e-05
Simulation mean is in 3.1% band of true mean with 95% confidence
Simulation mean is in 4.1% band of true mean with 99% confidence

_17 in AutoNetwork.ESG

