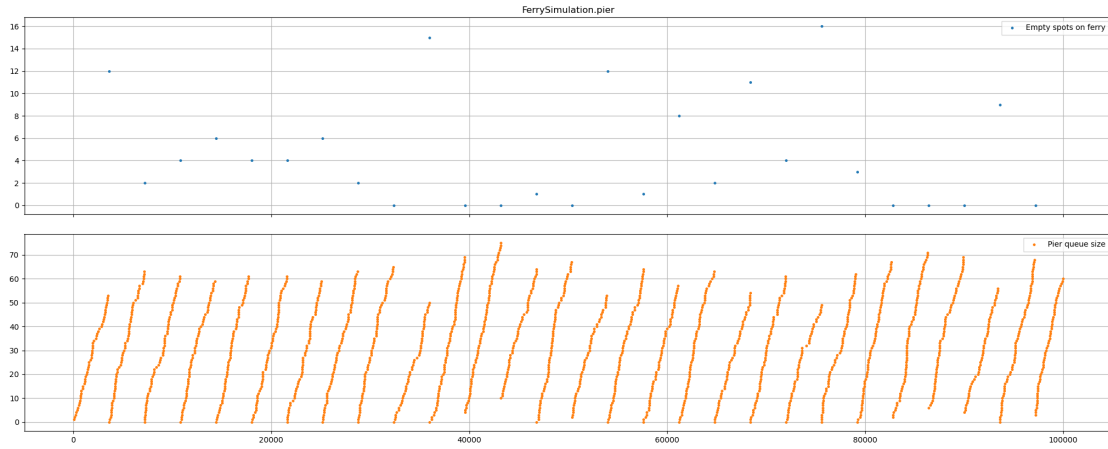


# assignment12

November 13, 2023

## 0.1 PART 1 (Ferry simulation)



## 0.2 PART 2 (Aloha simulation)

### 0.2.1 Number of collisions and packages (9.6 kbps, 20 hosts)

Experiment	Measurement	Replic	Module	Name	Count	Mean	StdDev	Variance
PureAloha1	#0	Aloha.server		Number of collisions	231703	115.852	66.887.039048	4.473.875.992.666650
PureAloha1	#0	Aloha.server		Number of packages	952751	476.376	275.035.667498	75.644.618.395.909770

### 0.2.2 Number of collisions and packages (9.6 kbps, 10 hosts)

Experiment	Measurement	Replic	Module	Name	Count	Mean	StdDev	Variance
PureAloha1	#0	Aloha.server		Number of packages	476180	238.090.500000	137.461.469929	18.895.655.715.000225
PureAloha1	#0	Aloha.server		Number of collisions	110734	55.367.500000	31.966.296691	1,021,844,124.166676

### 0.2.3 Number of collisions and packages (19.2 kbps, 20 hosts)

Experiment	Measurement	Replic	Module	Name	Count	Mean	StdDev	Variance
PureAloha1	#0	Aloha.server		Number of packages	975524	487.762.500000	281.609.666338	79.304.004.174.897250
PureAloha1	#0	Aloha.server		Number of collisions	229845	114.923	66.350.680648	4.402,412,822.499869

Rest of the histograms and vector plots are provided/saved in the project folder in “PureAloha1.anf”