Deep Learning for Classification and Control of Congestion on TCP-Challenging Networks. (Experimental topology setup)

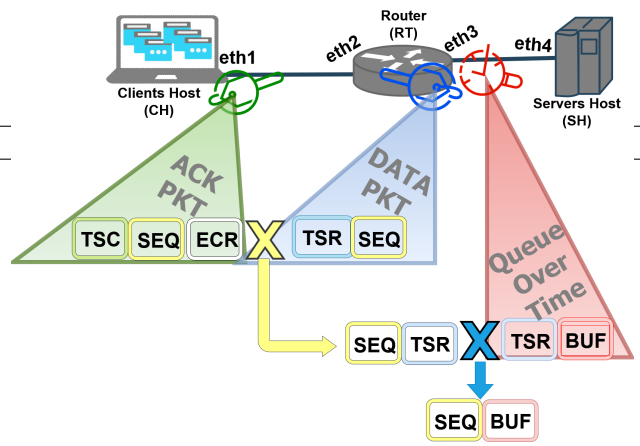

Table 1 Configuration of PoC setup machines.

Machine	Spec
Clients Host (CH)	**OS**: Linux Mint 22 x86_64; **Kernel**: 6.8.0-38-generic; **CPU**: 12th Gen Intel i7-12700H (20) @ 4.600GHz; **Memory**: 3050MiB / 64052MiB; **Ethernet interface**: RTL8125 2.5GbE Controller -vendor: Realtek Semiconductor Co., Ltd.
Router (RT)	**OS**: Linux Mint 22 x86_64; **Kernel**: 6.8.0-52-generic; **CPU**: Intel Atom C2758 (8) @ 2.400GHz; **Memory**: 1015MiB / 7912MiB; **Ethernet interface**: Ethernet Connection I354 - vendor: Intel Corporation
Servers Host (SH)	**OS**: Linux Mint 22 x86_64; **Kernel**: 6.8.0-38-generic; **CPU**: 11th Gen Intel i7-1165G7 (8) @; **Memory**: 1347MiB / 15790MiB; **Ethernet interface**: RTL8111/8168/8211/8411 PCI Express Gigabit Ethernet Controller - vendor: Realtek Semiconductor Co., Ltd.