

ZipF

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10/21/2021

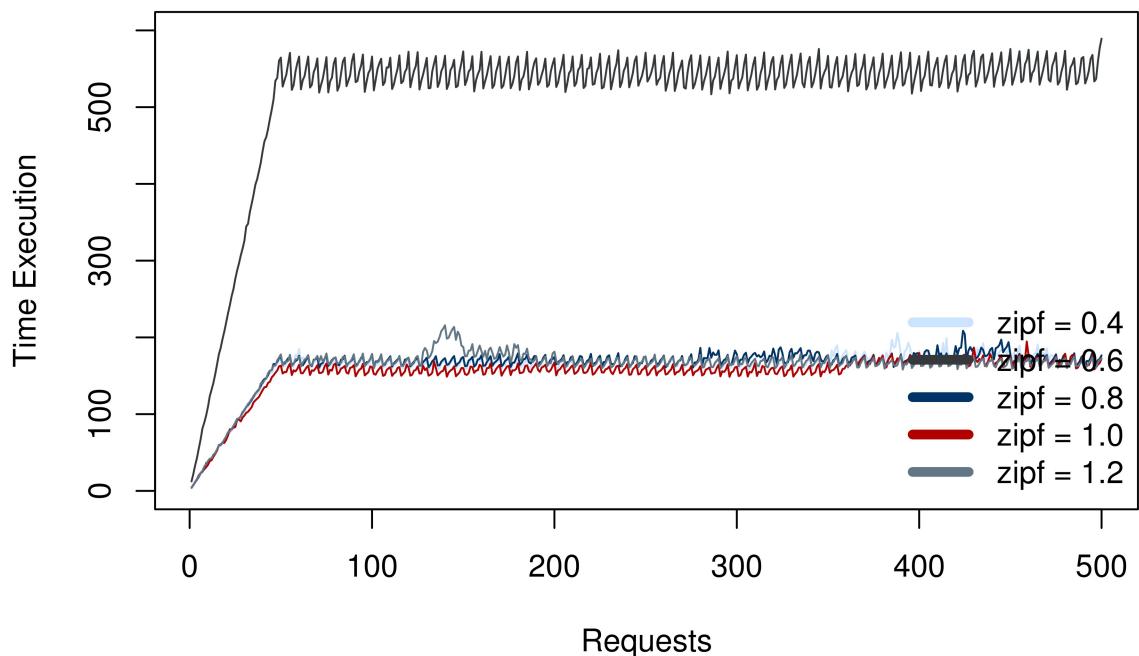
Parâmetros

Parâmetros	Valores
alfa zipf	0.4, 0.6, 0.8, 1, 1.2
lambda	5
n	100
beta	0.2
BS	32
Cache	100
UE	200
Storage	MBS 20GB SBS 4GB
Coverage	MBS 300 SBS 70
RTT inicial	CS/MBS 0.001s(1ms) MBS/MBS 0.001s(1ms) MBS/SBS 0.001s(1ms) SBS/UE 0.001s(1ms)
Tempo da Requisição	10 eventos
Mobilidade	-40,40 unidades de distância

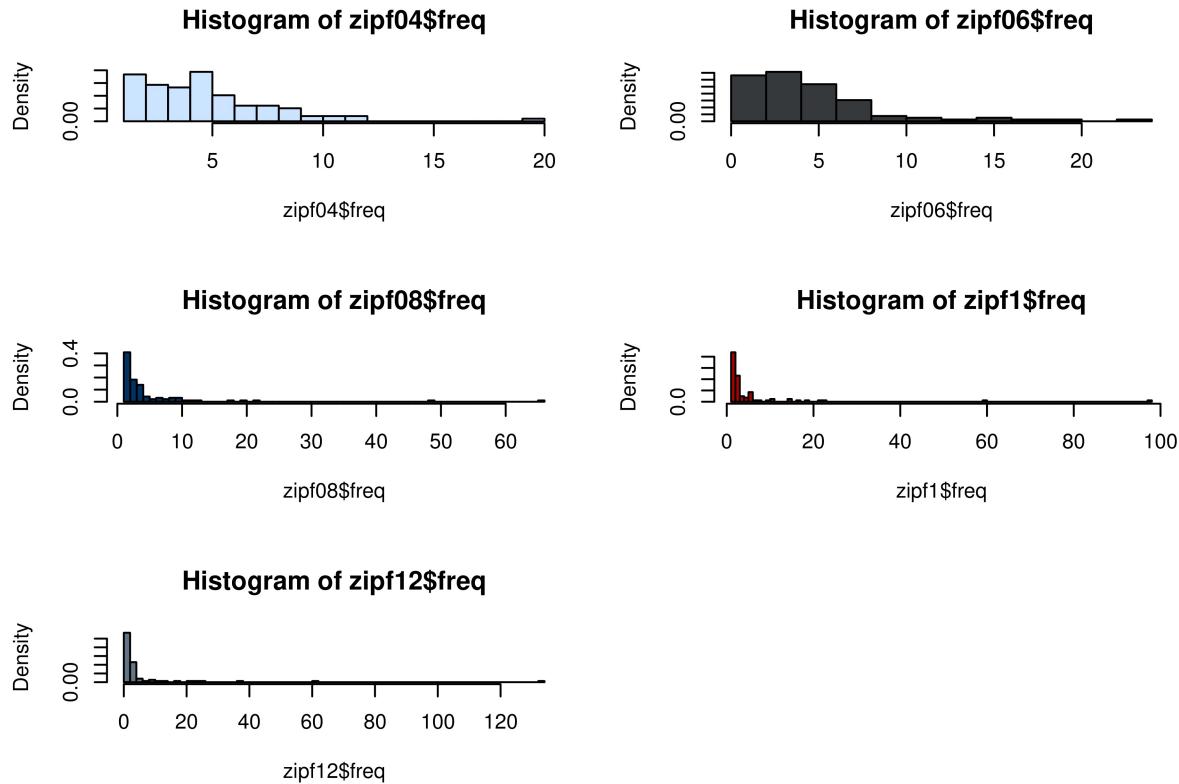
Informações da Aplicação.

Vazão Mínima	Tamanho da Cache	Buffer
100 Mbps	2GB/2000MB	48Mb
100 Mbps	4GB/4000MB	48Mb
100 Mbps	8GB/8000MB	48Mb

Tempo de execução da otimização.



Distribuição de popularidade do conteúdo solicitado.



Taxa de requisições alocadas.

$$\alpha : 0.4 = 100\% - 500/500.$$

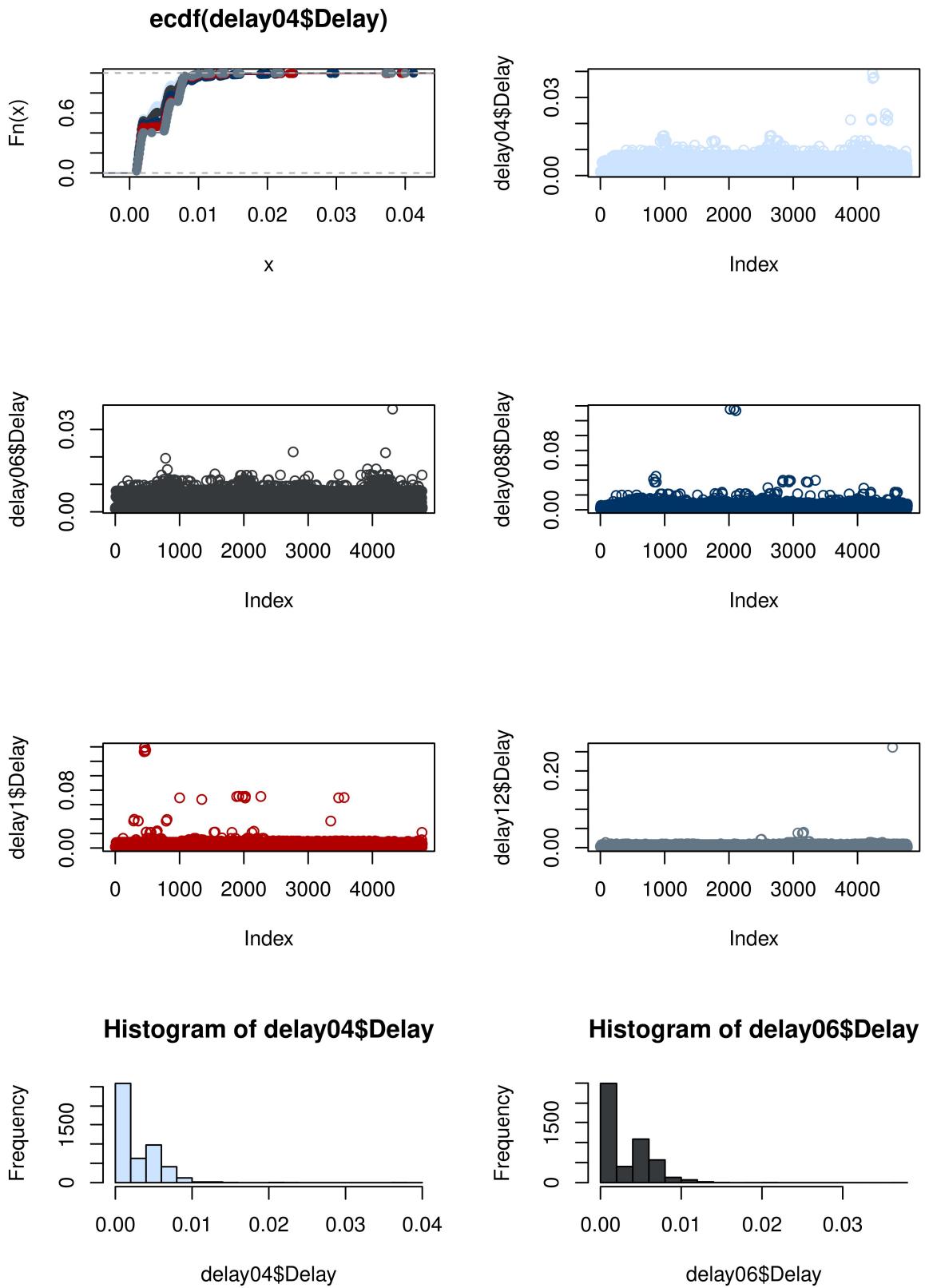
$$\alpha : 0.6 = 100\% - 500/500.$$

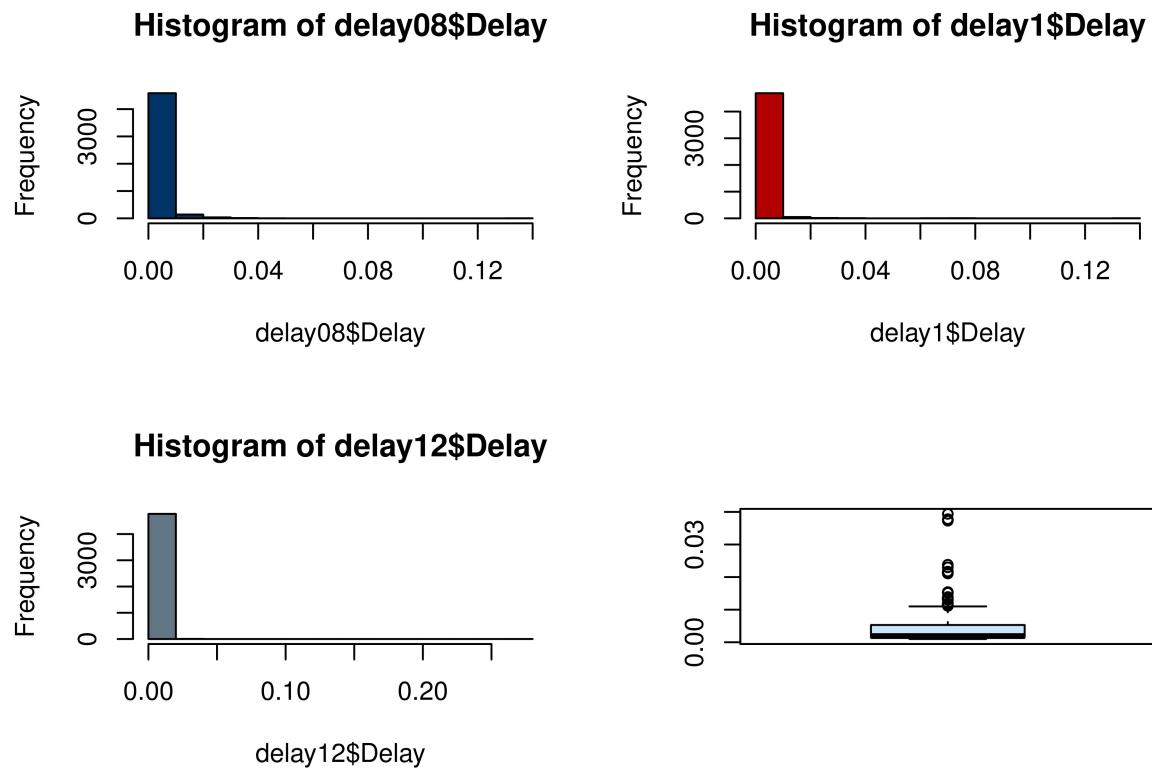
$$\alpha : 0.8 = 100\% - 500/500.$$

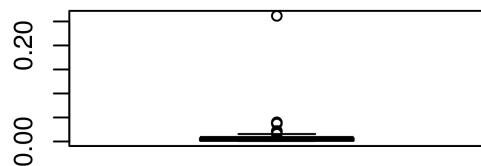
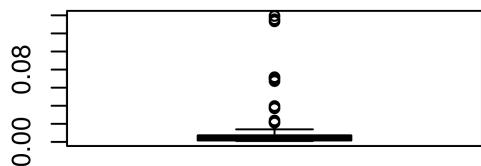
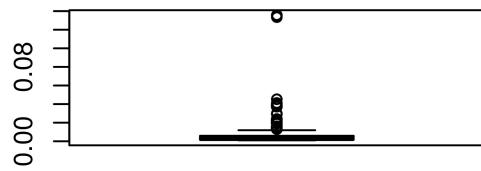
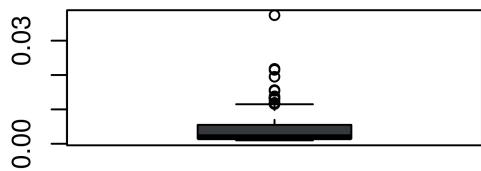
$$\alpha : 1.0 = 100\% - 500/500.$$

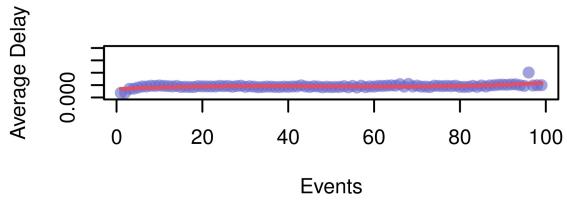
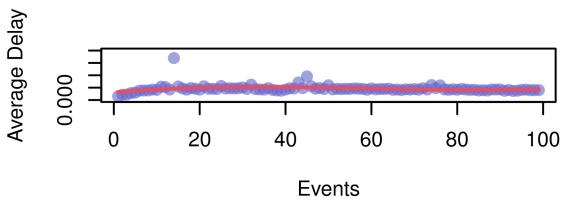
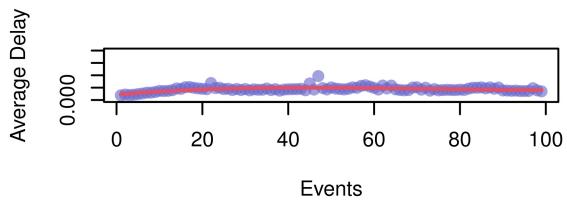
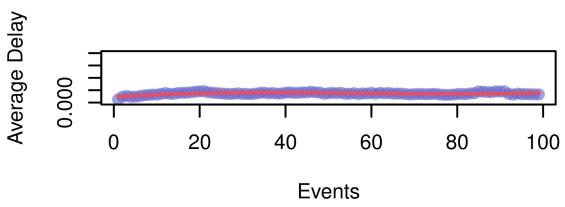
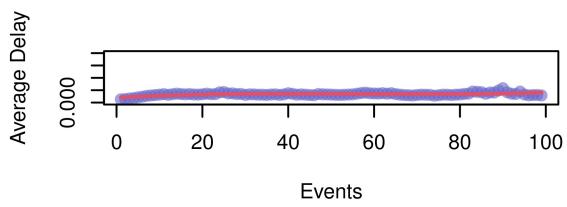
$$\alpha : 1.2 = 100\% - 500/500.$$

Delay médio por evento.

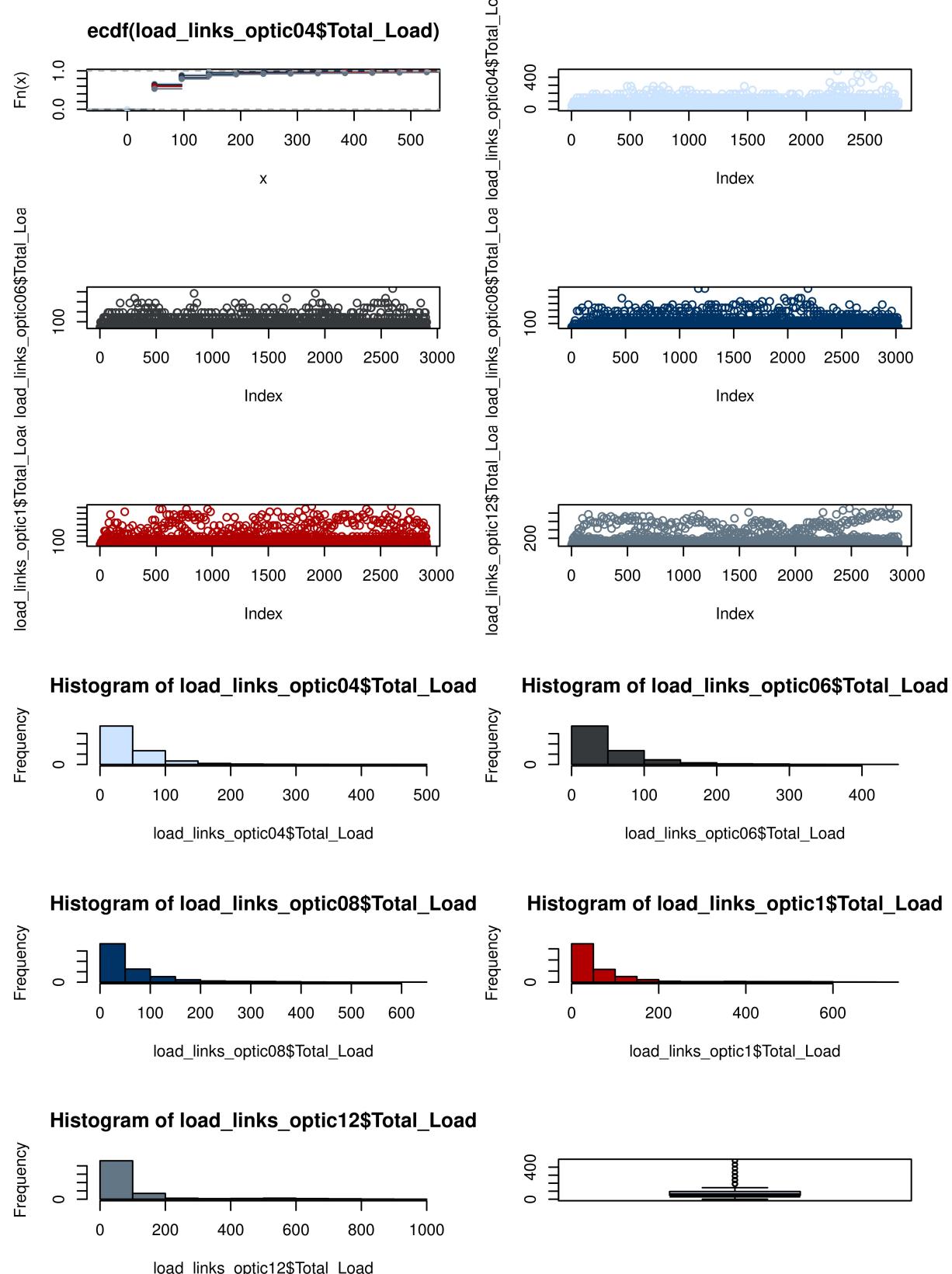


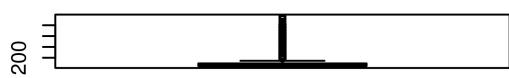
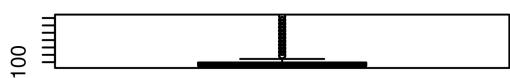
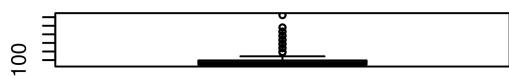
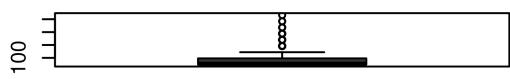


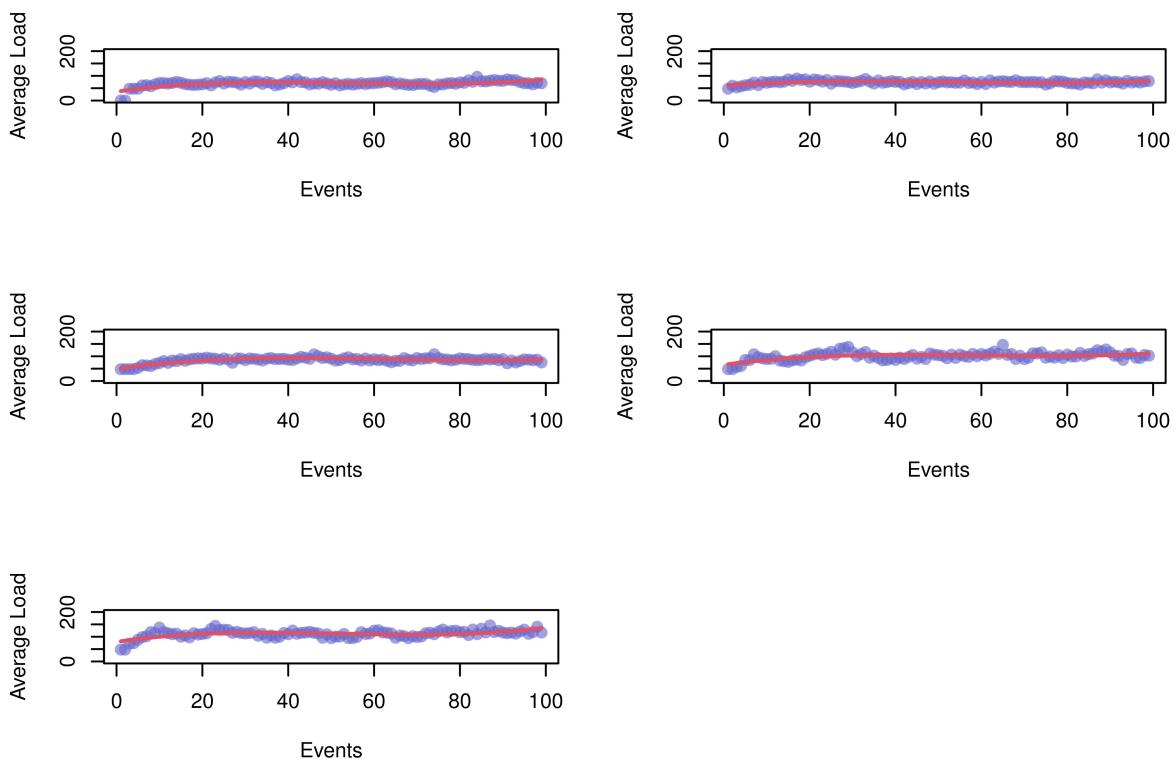


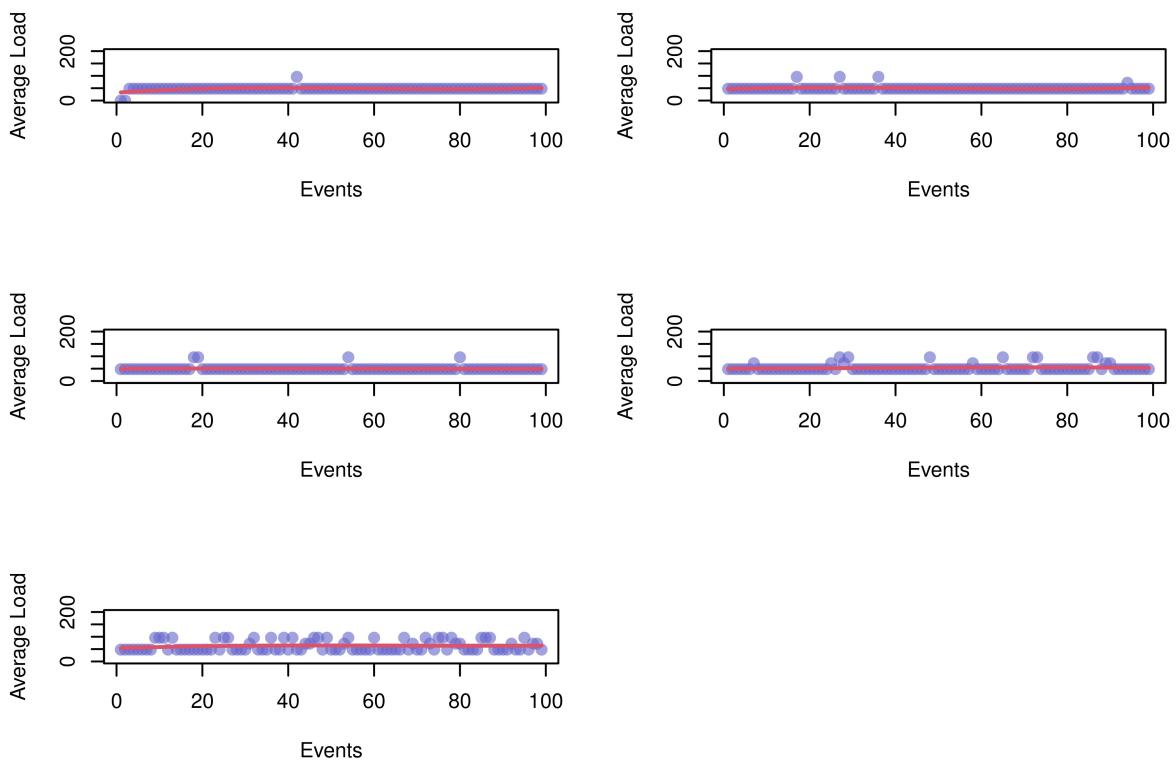


Carga média de enlaces ópticos por evento.









Utilização de Cache Vs Cloud.

