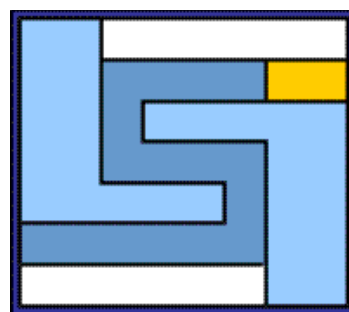




PERFORMANCE REPORT

D05 - HACKATHON



5 DE JUNIO DE 2019

ACME-HACKER-RANK

GRUPO 33

Martín Ordoño Caro | Víctor Rosa Serrano

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1. Introducción

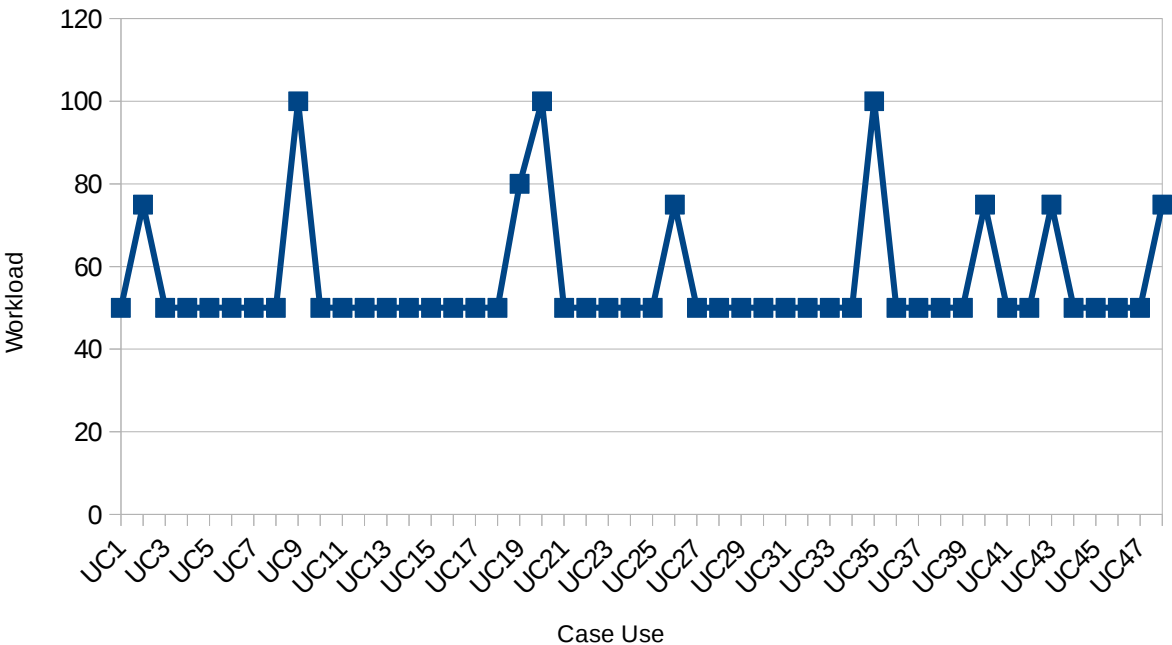
En este documento se van a exponer los resultados de los test de rendimiento del sistema. Estas pruebas se han realizado de forma exitosa para medir la capacidad del sistema en un entorno simulado.

2. Ordenadores

Se ha usado un ordenador de escritorio con sistem operaivo Ubuntu 16.04 con las siguientes características:

<i>Prestaciones</i>	<i>Escritorio</i>
<i>CPU</i>	i7 6700
<i>RAM</i>	16 GB
<i>Tipo de almacenamiento</i>	SSD M.2
<i>Sistema Operativo</i>	Ubuntu 16.04 lts

3. Resultados



En base a esta gráfica donde se confrontan casos de usos y carga de trabajo, hay que concluir que la carga máxima de trabajo del sistema es de **50 usuarios**. Aunque en algunos momentos el systema llega a soportar hasta 100 usuarios sólo se puede garantizar un buen funcionamiento para todos los casos de usos con un máximo de 50.

4. Tabla de requisitos

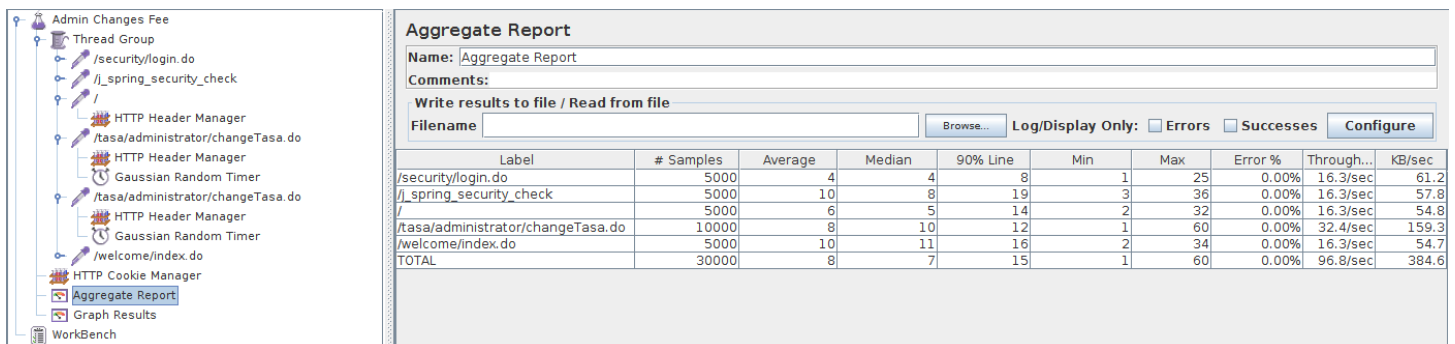
Requisito	Caso de uso
Admin Changes Fee	UC 1
Admin Changes Principal Add	UC 2
Admin Computes Winner	UC 3
Admin Create Award	UC 4
Admin Create Raffle	UC 5
Admin Dashboard	UC 6
Admin Delete Award	UC 7
Admin Create admin	UC 8
Admin Create Raffle	UC 9
Admin Delete Award	UC 10
Admin Delete Raffle	UC 11
Admin Edit Award	UC 12
Admin Edit Raffle	UC 13
Journalist Create New	UC 14
Journalist Delete New	UC 15
Journalist Display New	UC 16
Journalist Edit Profile	UC 17
Journalist Joins Agency	UC 18
Journalist Left Agency	UC 19
Journalist List Not Full Agencies	UC 20
Journalist List	UC 21
Journalist Withdraw Money	UC 22
Manager List Agency	UC 23
Manager Edit Agency	UC 24
Manager Create Agency	UC 25
Manager Create Event	UC 26
Manager Delete Agency	UC 27
Manager Delete Evento	UC 28
Moderator AcceptingDenaid News	UC 29
Moderator Bans News	UC 30
Moderator Bans User	UC 31
Moderator Unbans User	UC 32
Moderator Withdraw Money	UC 33
Register Journalist	UC 34
Register Moderator	UC 35

Register User	UC 36
User Apply Raffle	UC 37
User Changes Status	UC 38
User Create Comment	UC 39
User Display Raffle	UC 40
User Edit Profile Data	UC 41
User Following Information	UC 42
User Follows User	UC 43
User Lefts Following User	UC 44
User List Display Event	UC 45
User List News Categories	UC 46
User List Next Raffles	UC 47
User Looking Key Word	UC 48
User Reports News	UC 49
User Shares Information	UC 50

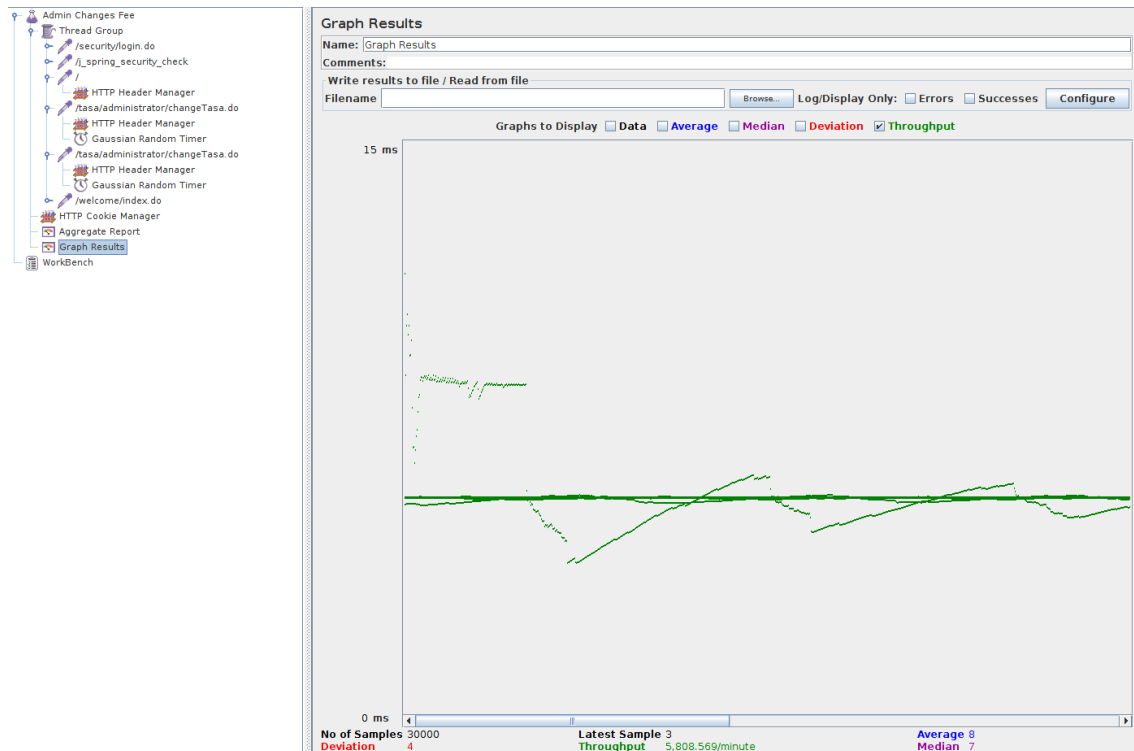
5. Análisis por caso de uso

5.1 Admin Changes Fee

5.1.1 Aggregate Result



5.1.2 Graph Result



5.2 Admin Changes Principal Add

5.2.1 Aggregate Result

Aggregate Report

Name: Aggregate Report

Comments:

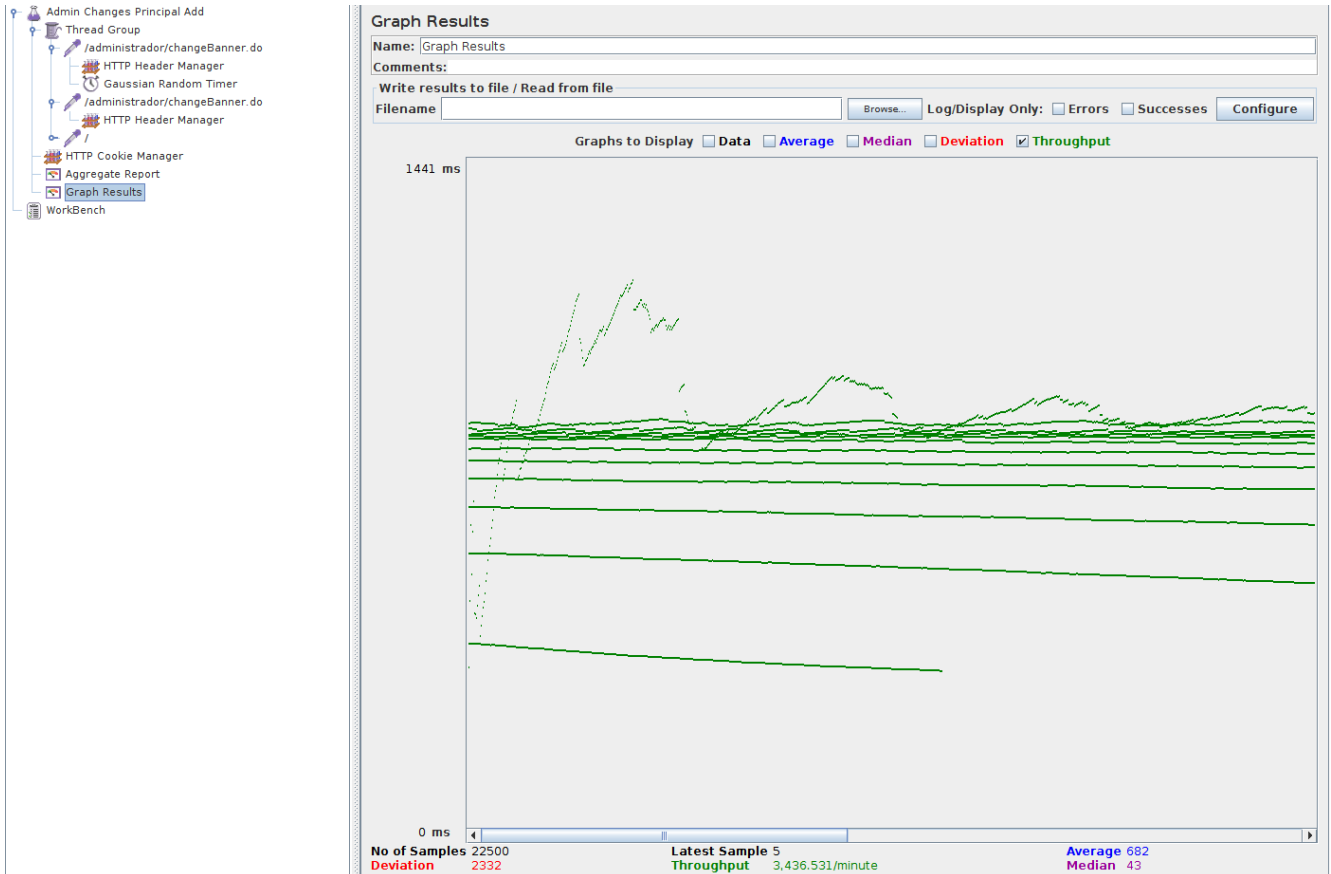
Write results to file / Read from file

Filename: Browse...

Log/Display Only: ☐ Errors ☐ Successes

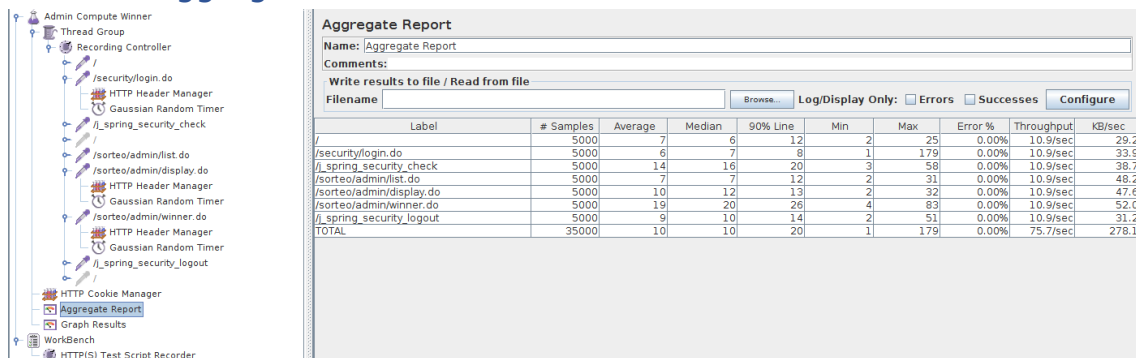
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/administrator/changeBanner.do	15000	683	73	1602	1	50760	0.00%	38.2/sec	126.5
/	7500	680	13	1479	1	82852	0.00%	19.1/sec	51.0
TOTAL	22500	682	43	1583	1	82852	0.00%	57.3/sec	177.5

5.2.2 Graph Result

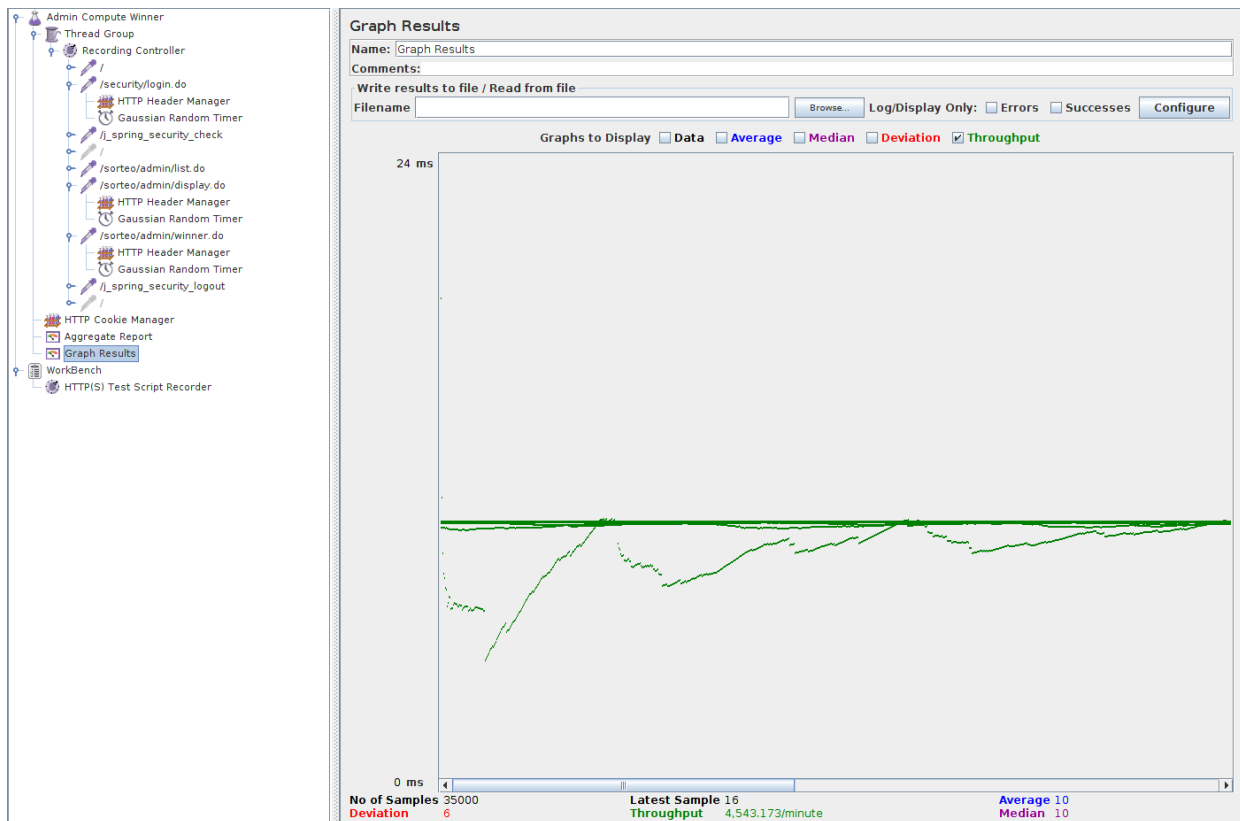


5.3 Admin Computes Winner

5.3.1 Aggregate Result



5.3.2 Graph Result



5.4 Admin Create Admin

5.4.1 Aggregate Result

Aggregate Report

Name: Aggregate Report

Comments:

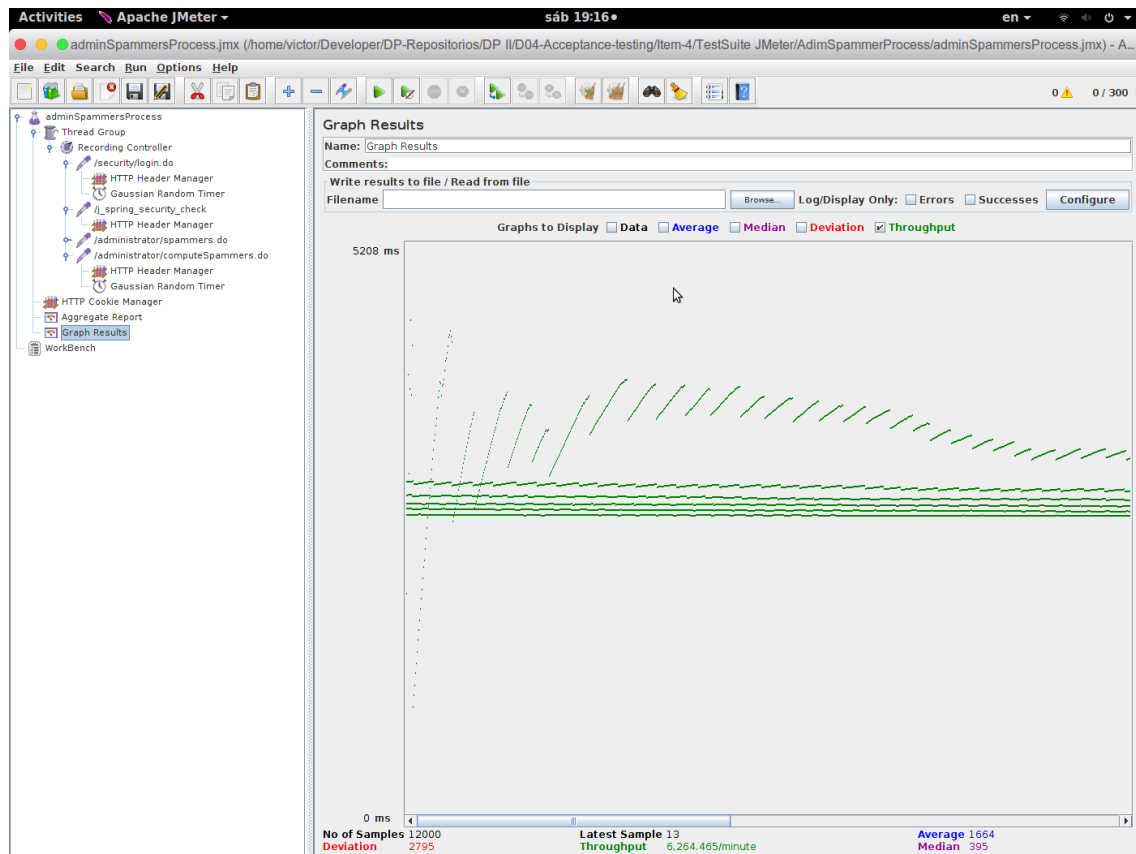
Write results to file / Read from file

Filename: Browse...

Log/Display Only: ☐ Errors ☐ Successes

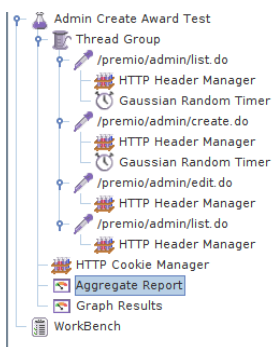
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/security/login.do	3000	1334	243	4149	2	18001	0.00%	26.5/sec	100.1
/spring_security_check	3000	2540	1035	6940	3	29889	0.00%	26.5/sec	162.3
/administrator/spammers.do	3000	1399	221	4421	3	23111	0.00%	26.5/sec	136.4
/administrator/computeSpammers.do	3000	1384	308	4312	7	24899	0.00%	26.5/sec	136.3
TOTAL	12000	1664	395	5123	2	29889	0.00%	104.4/sec	527.4

5.4.2 Graph Result



5.5 Admin Create Award

5.5.1 Aggregate Result



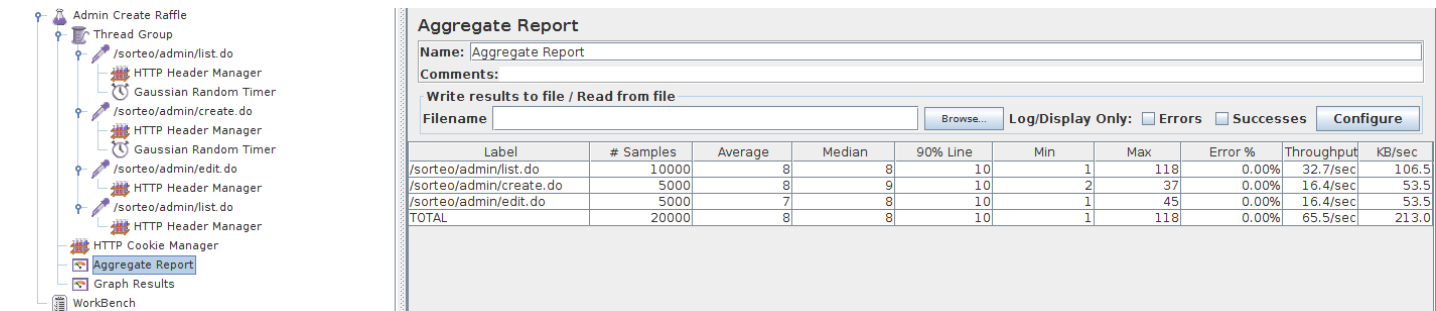
Aggregate Report										
Name: <input type="text" value="Aggregate Report"/>										
Comments: <input type="text"/>										
Write results to file / Read from file										
Filename <input type="text"/> <input type="button" value="Browse..."/> Log/Display Only: <input type="checkbox"/> Errors <input type="checkbox"/> Successes <input type="button" value="Configure"/>										
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec	
/premio/admin/list.do	10000	48	8	197	1	722	0.00%	30.9/sec	100.5	
/premio/admin/create.do	5000	78	43	201	1	717	0.00%	15.5/sec	50.5	
/premio/admin/edit.do	5000	27	4	50	1	739	0.00%	15.5/sec	50.5	
TOTAL	20000	50	8	198	1	739	0.00%	61.7/sec	201.0	

5.5.2 Graph Result



5.6 Admin Create Raffle

5.6.1 Aggregate Result

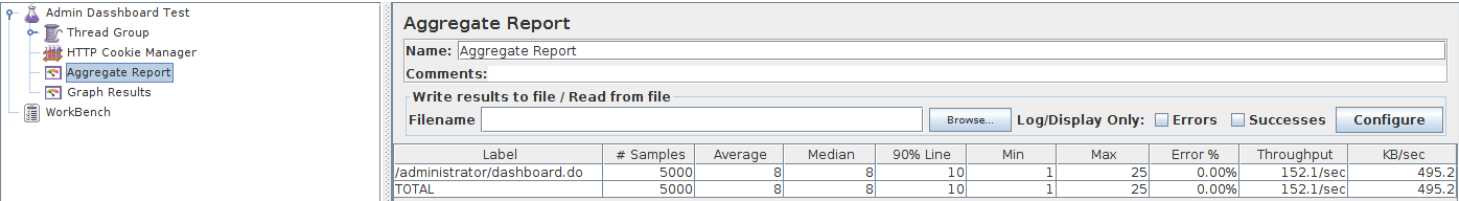


5.6.2 Graph Result

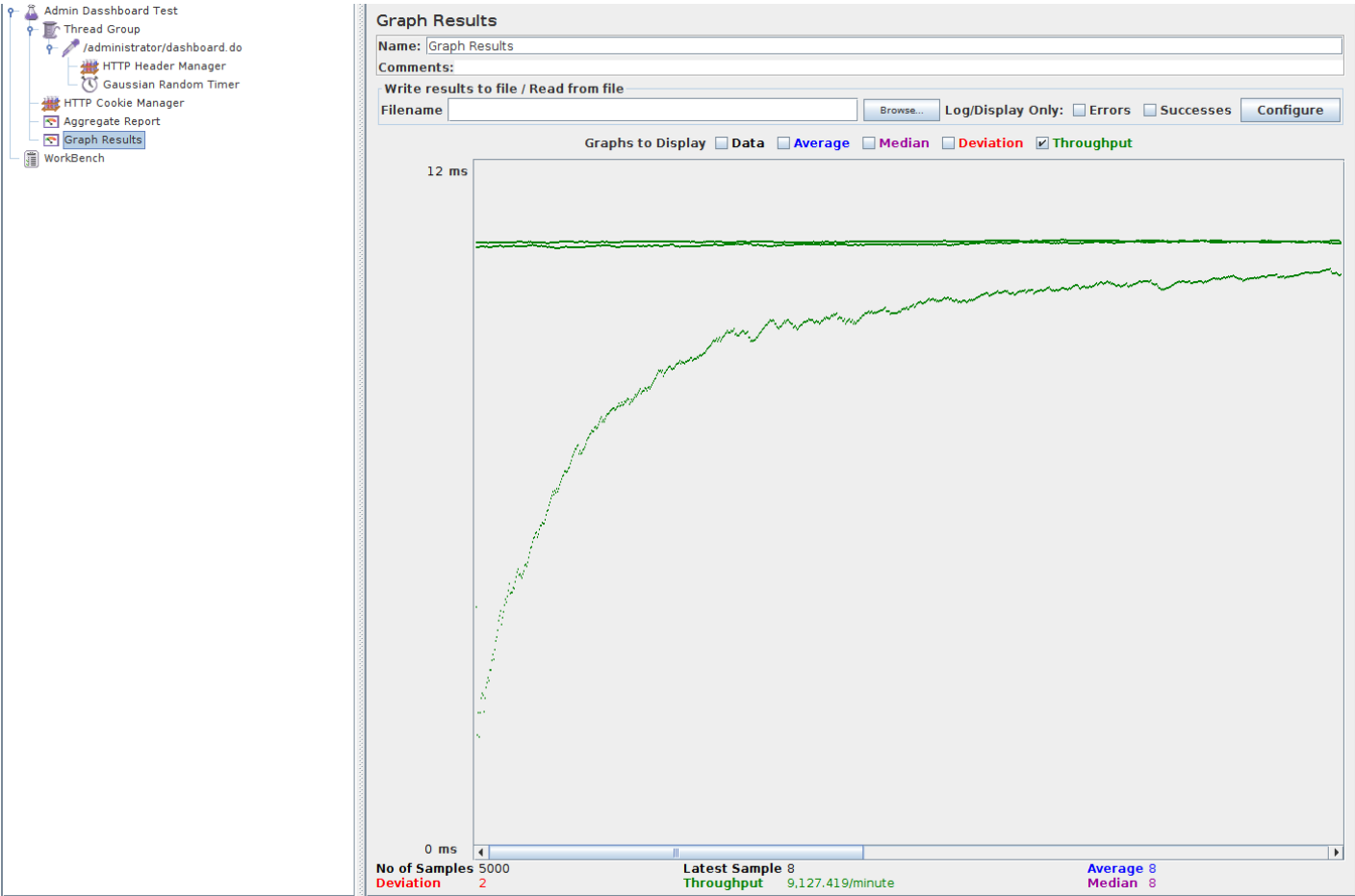


5.7 Admin Dashboard

5.7.1 Aggregate Result

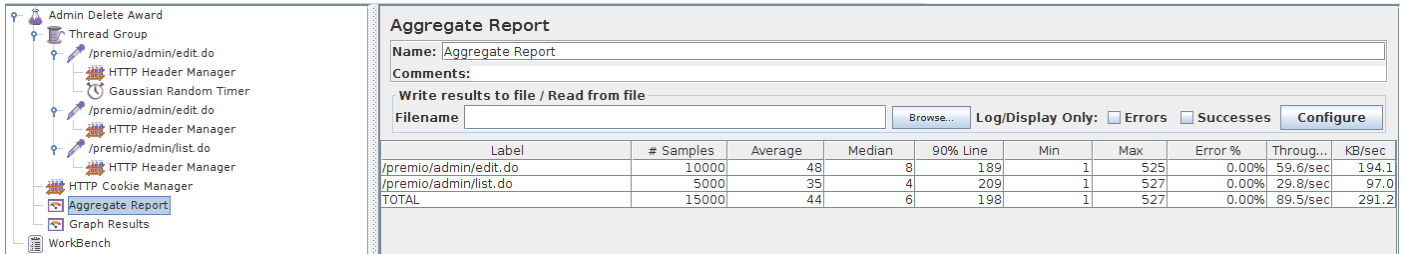


5.7.2 Graph Result

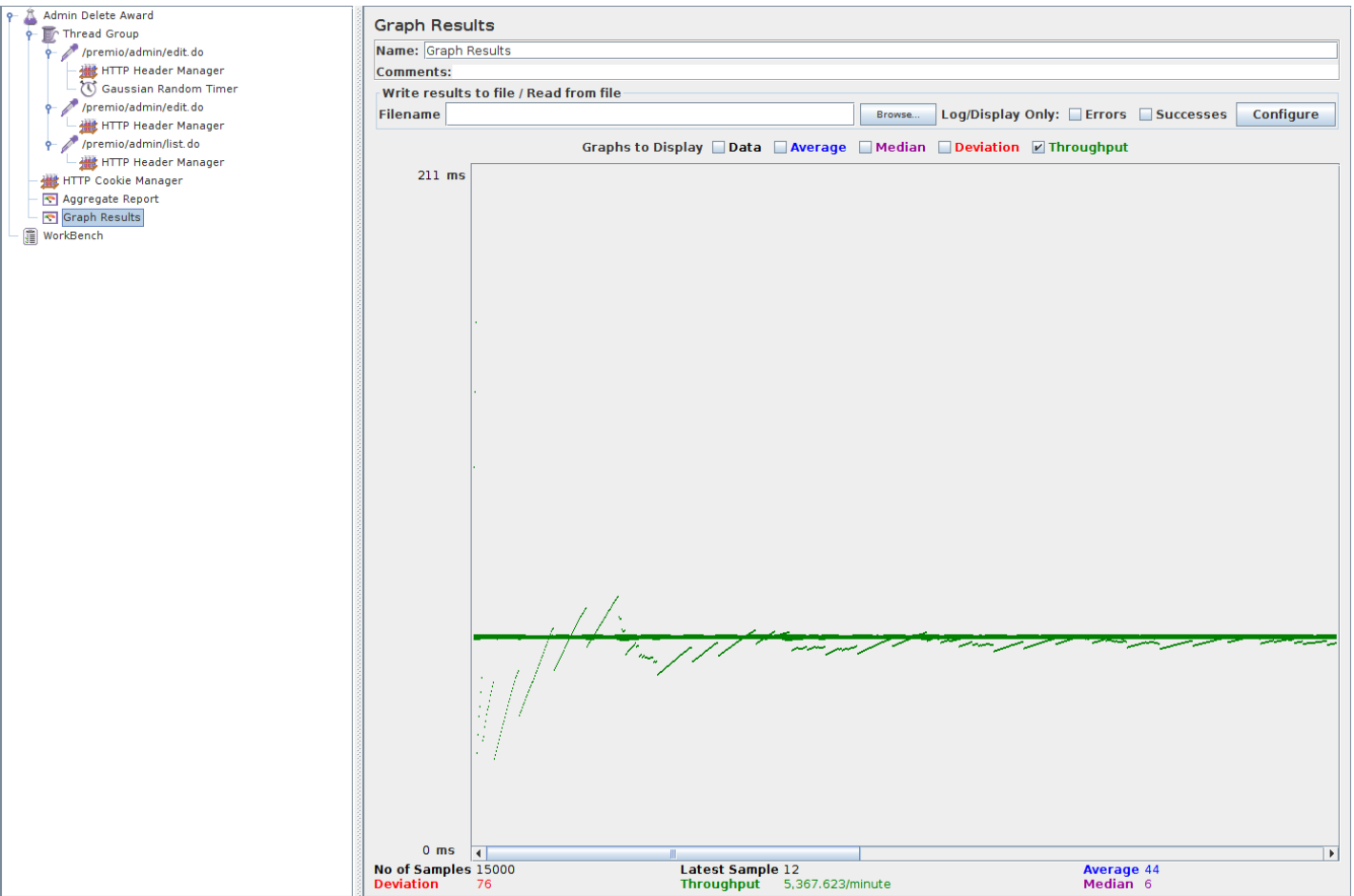


5.8 Admin Delete Award

5.8.1 Aggregate Result

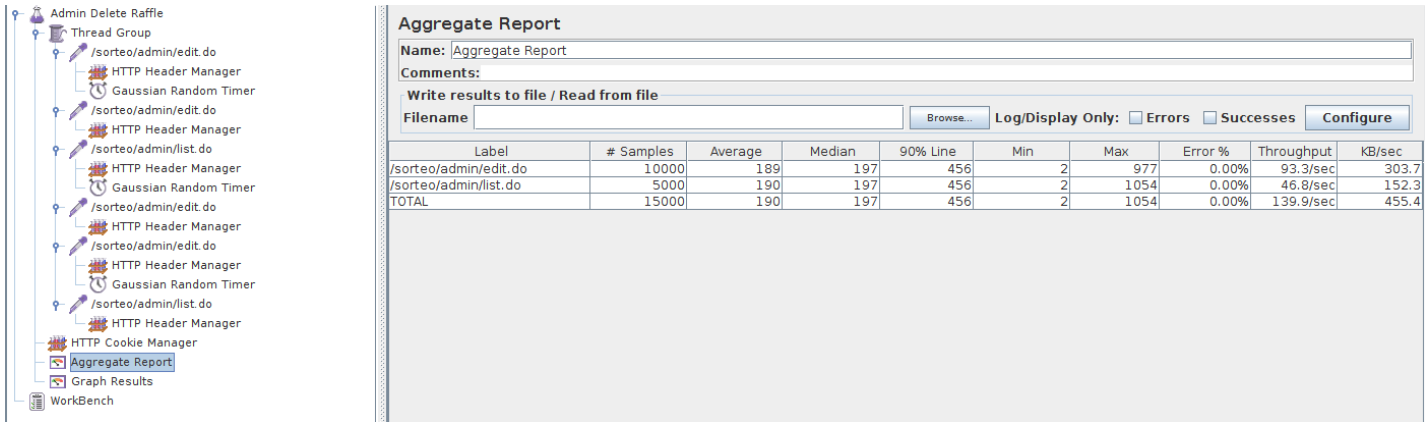


5.8.2 Graph Result

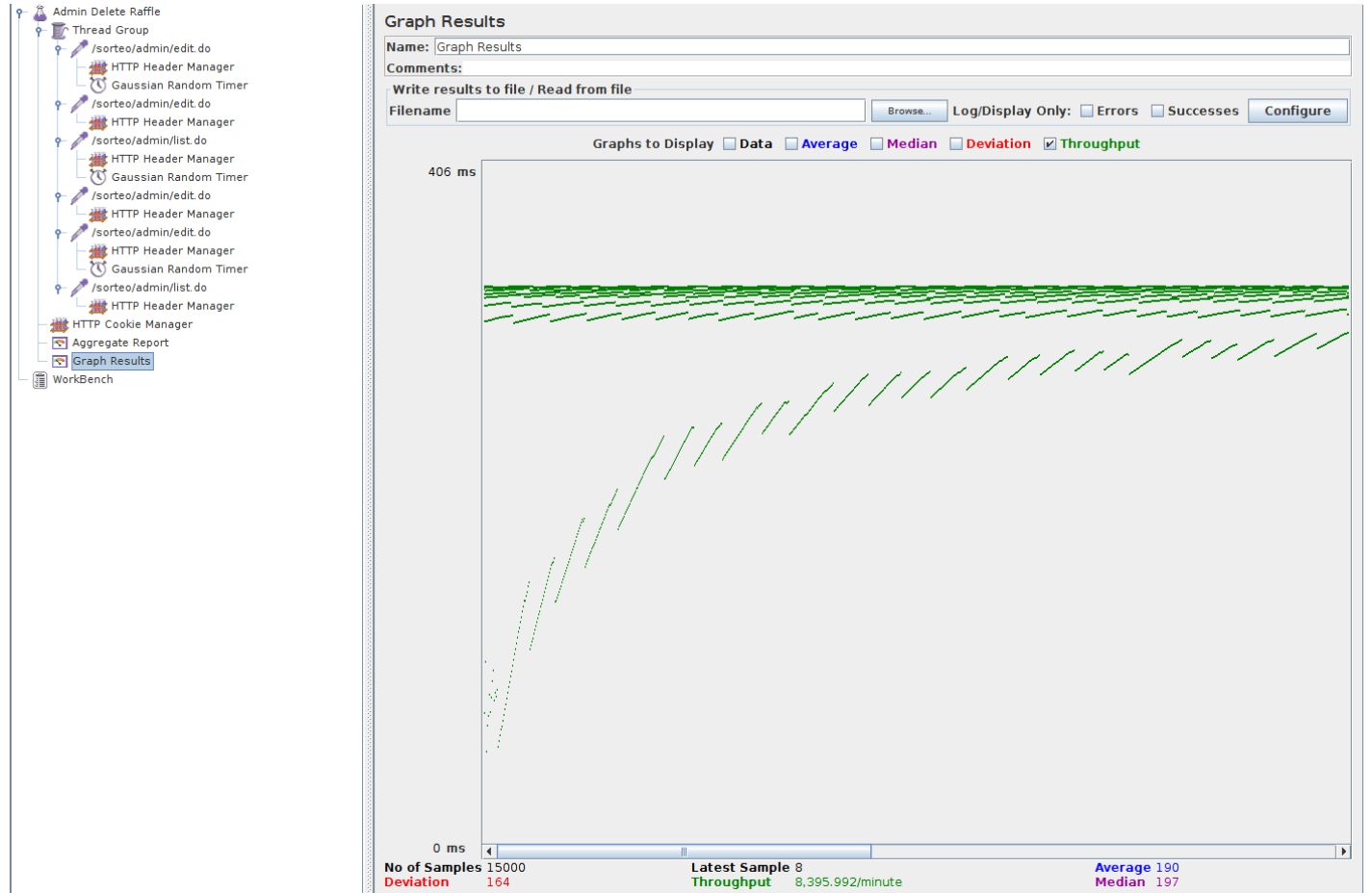


5.9 Admin Delete Raffle

5.9.1 Aggregate Result

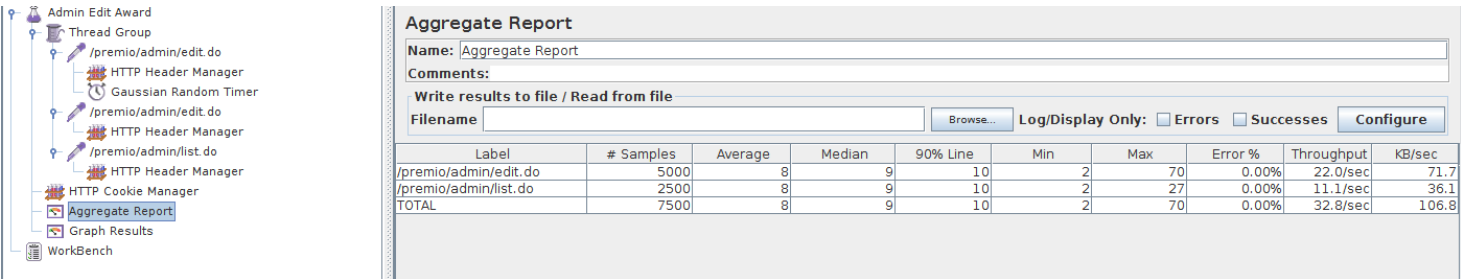


5.9.2 Graph Result



5.10 Admin Edit Award

5.10.1 Aggregate Result

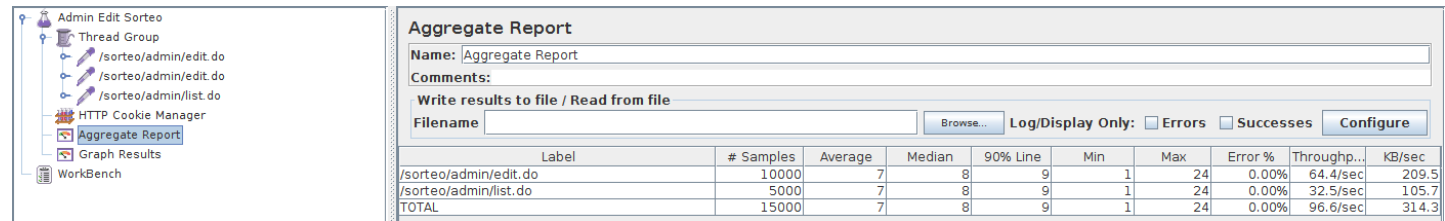


5.10.2 Graph Result



5.11 Admin Edit Raffle

5.11.1 Aggregate Result

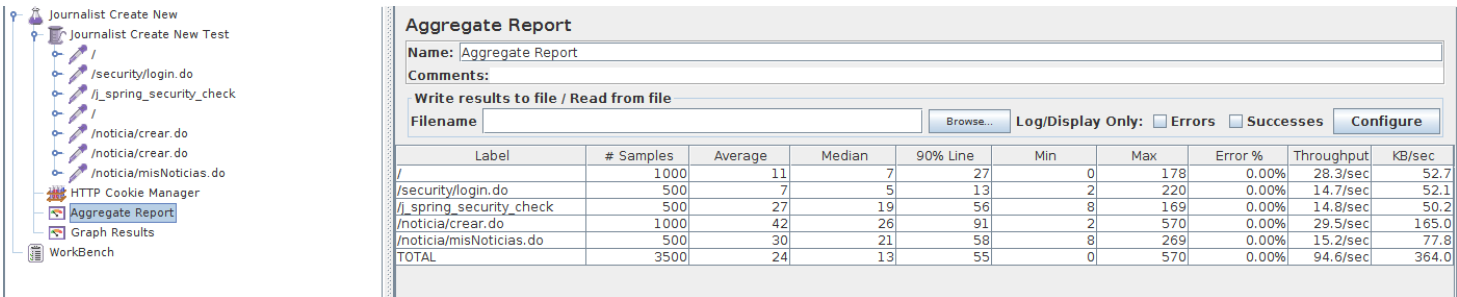


5.11.2 Graph Result

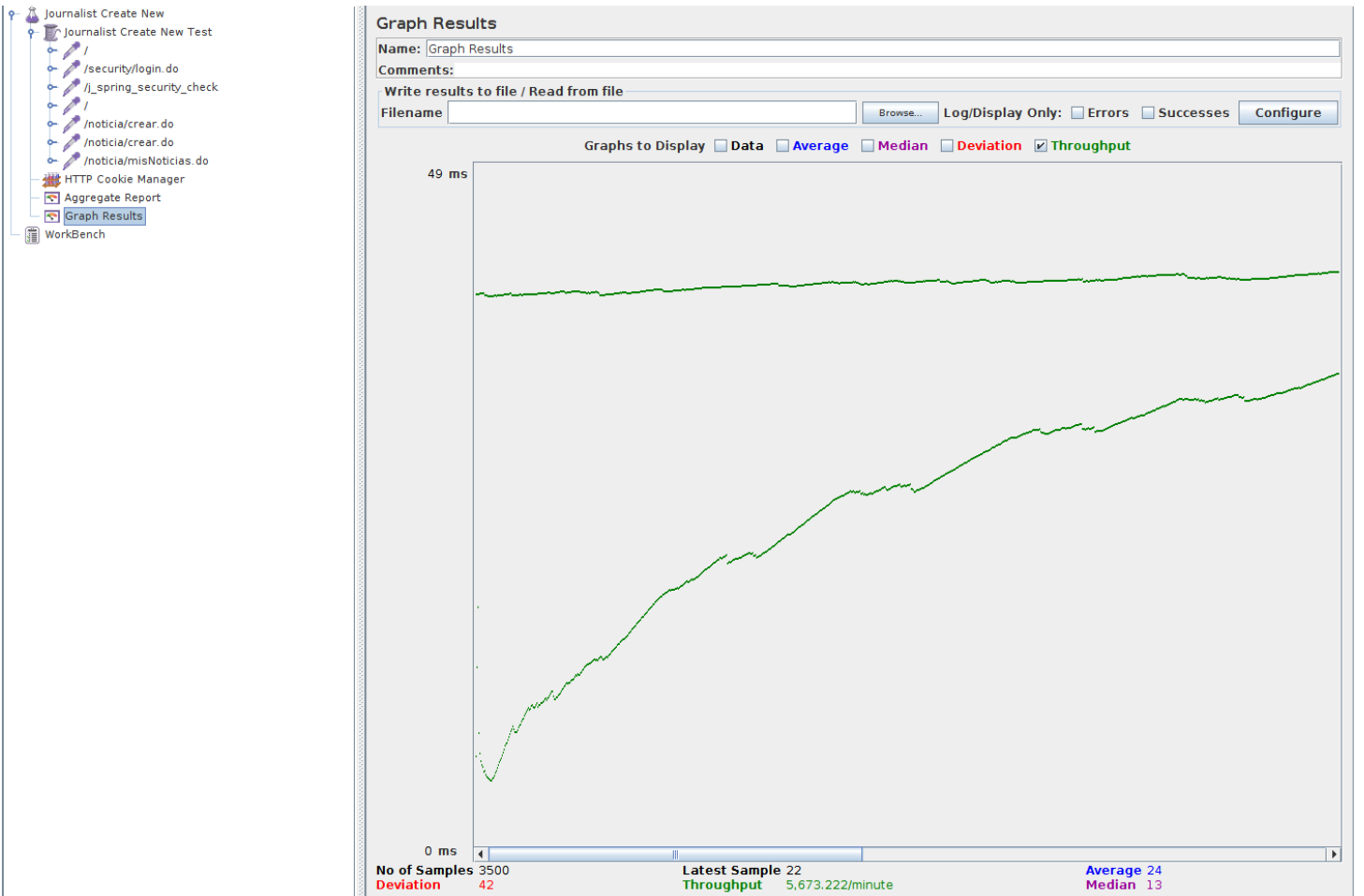


5.12 Journalist Create New

5.12.1 Aggregate Result

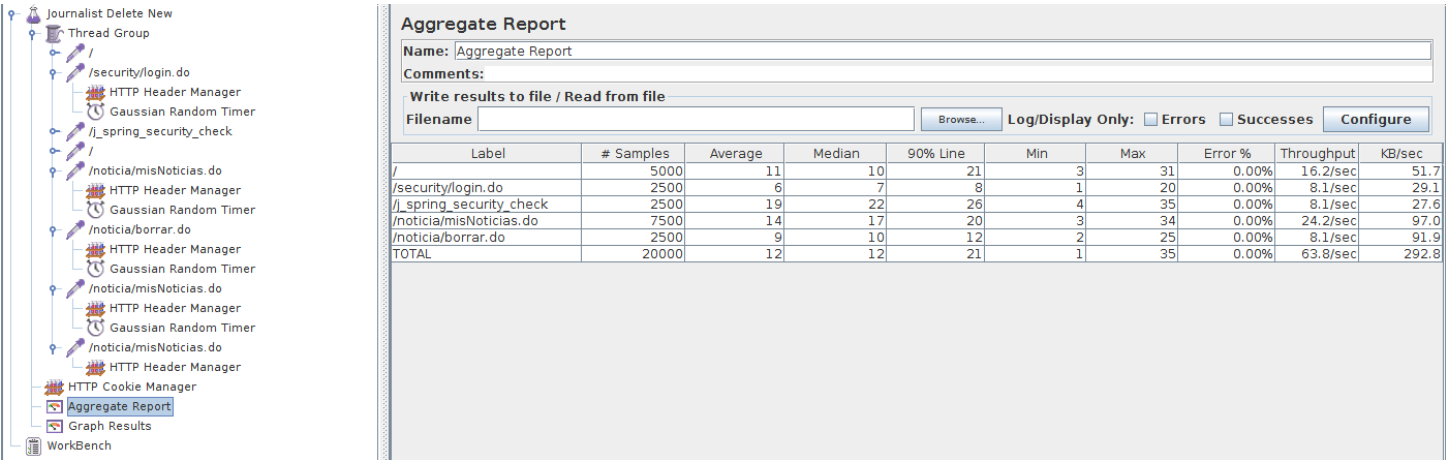


5.12.2 Graph Result

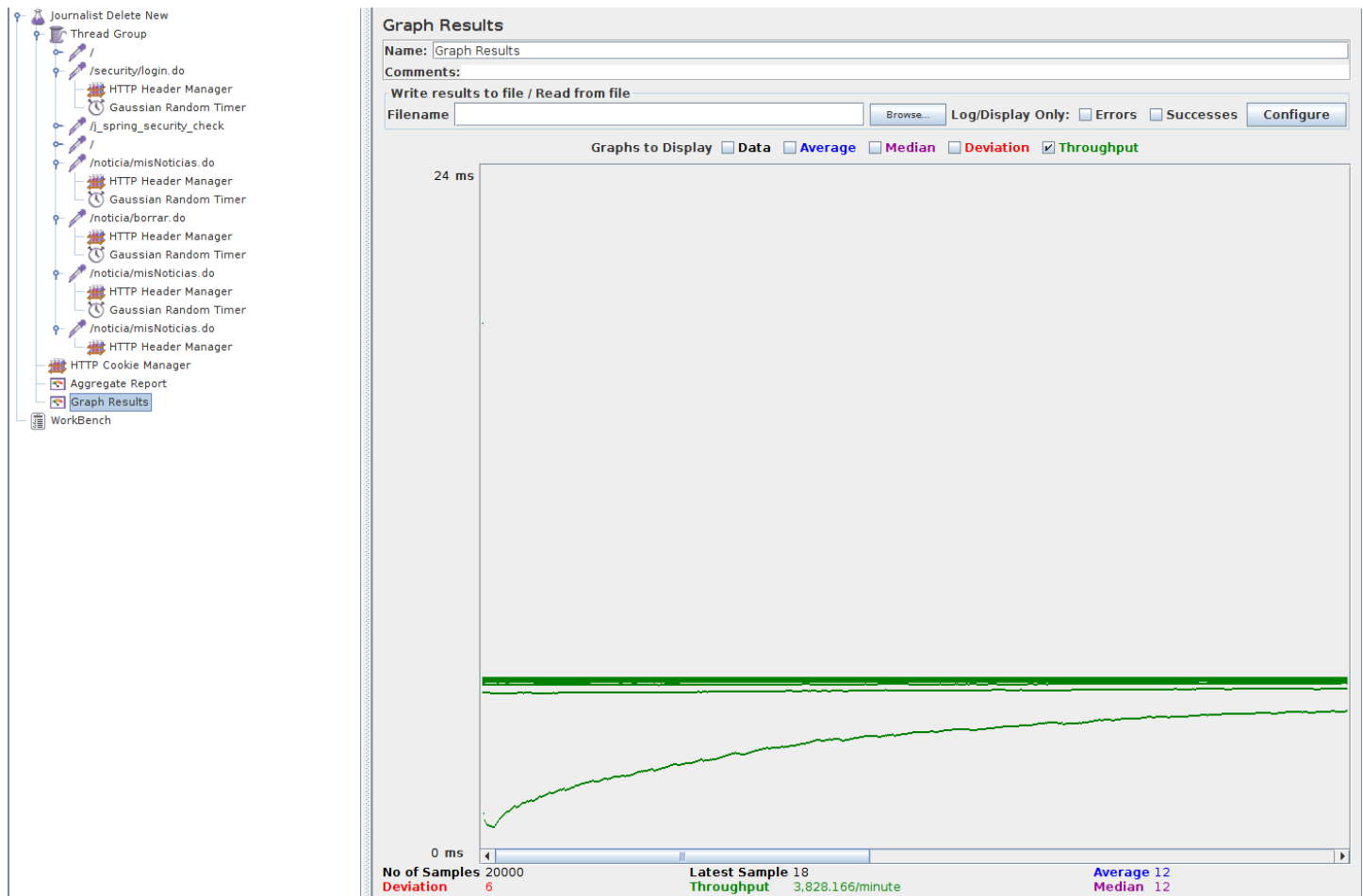


5.13 Journalist Delete New

5.13.1 Aggregate Result

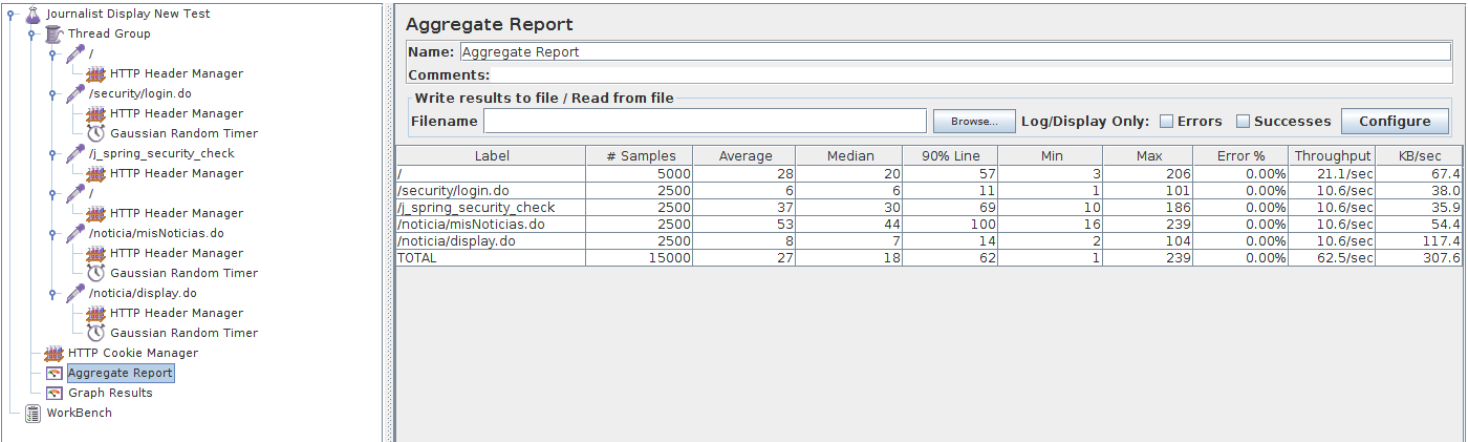


5.13.2 Graph Result

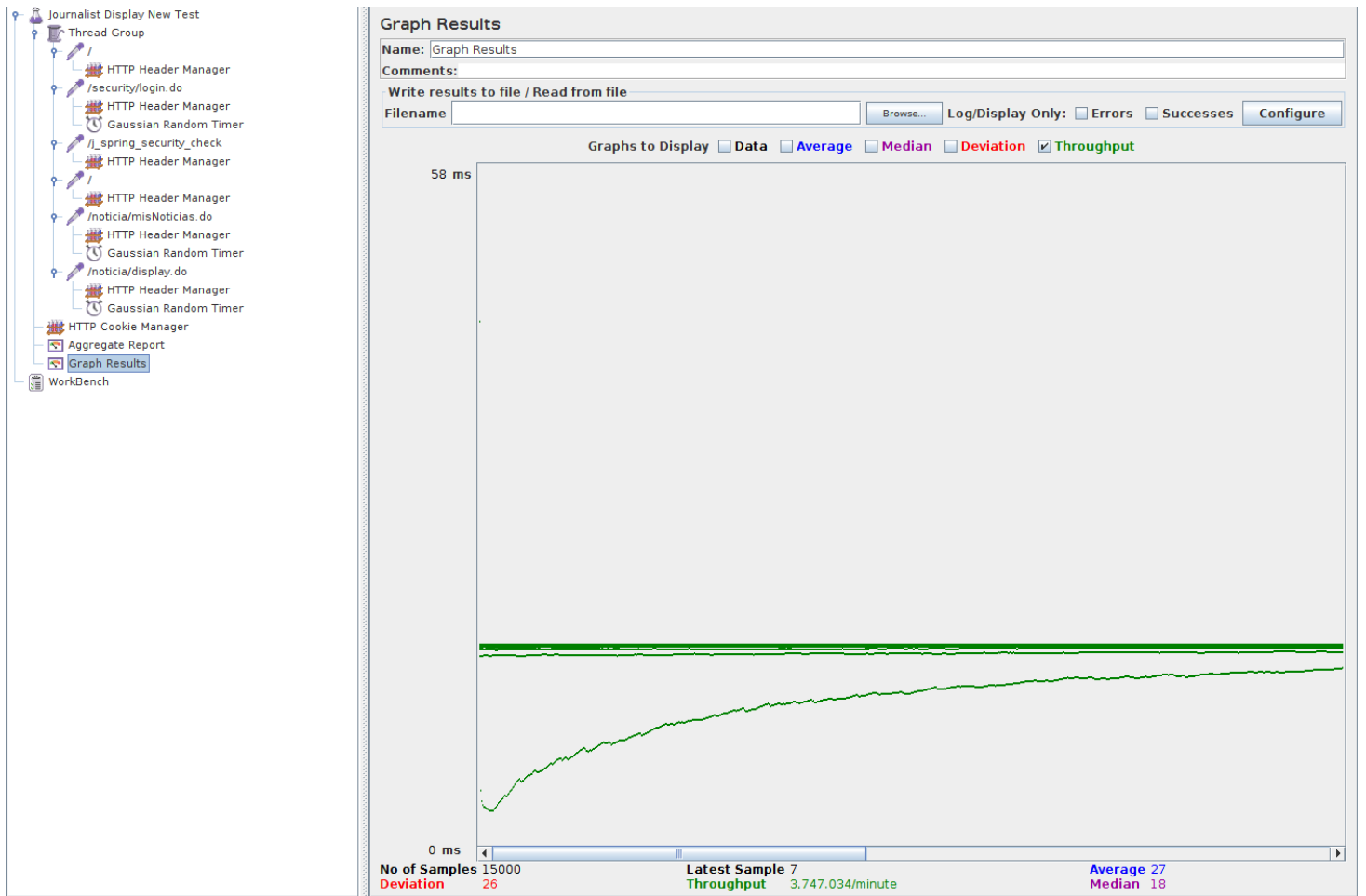


5.14 Journalist Display New

5.14.1 Aggregate Result

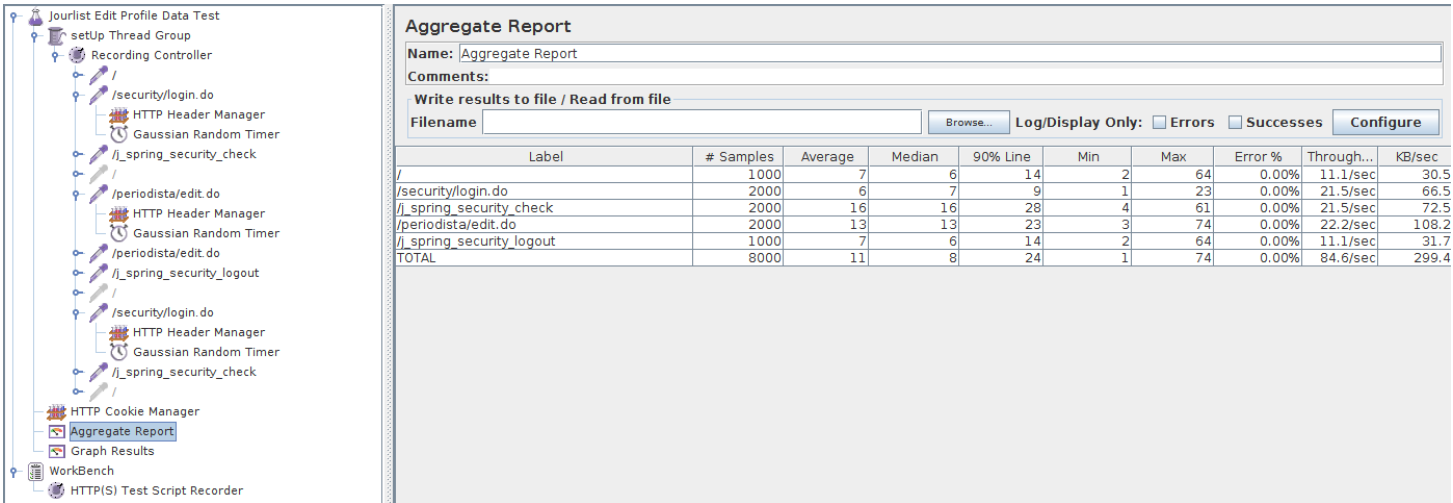


5.14.2 Graph Result



5.15 Journalist Edit Profile

5.15.1 Aggregate Result

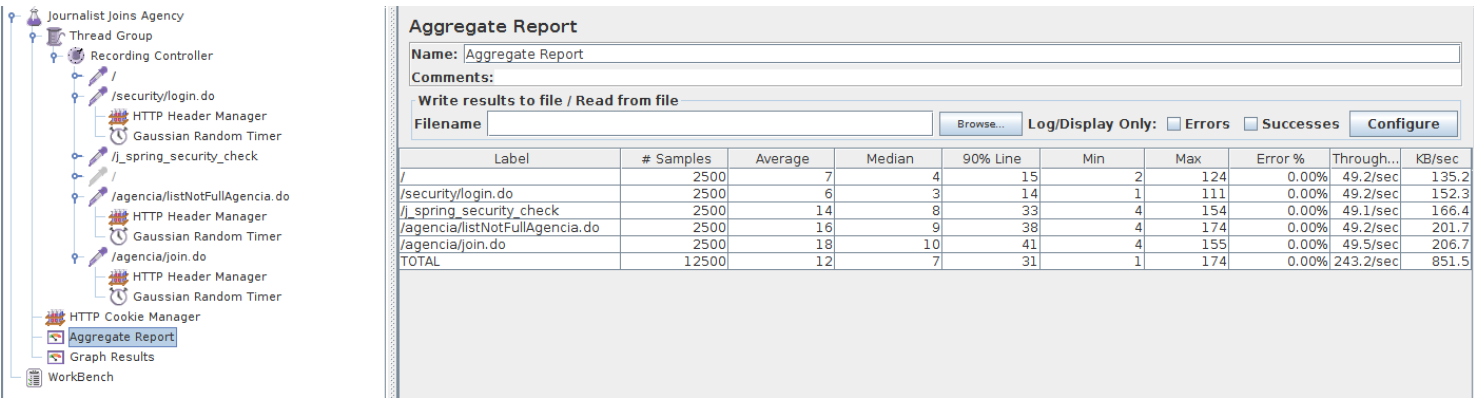


5.15.2 Graph Result

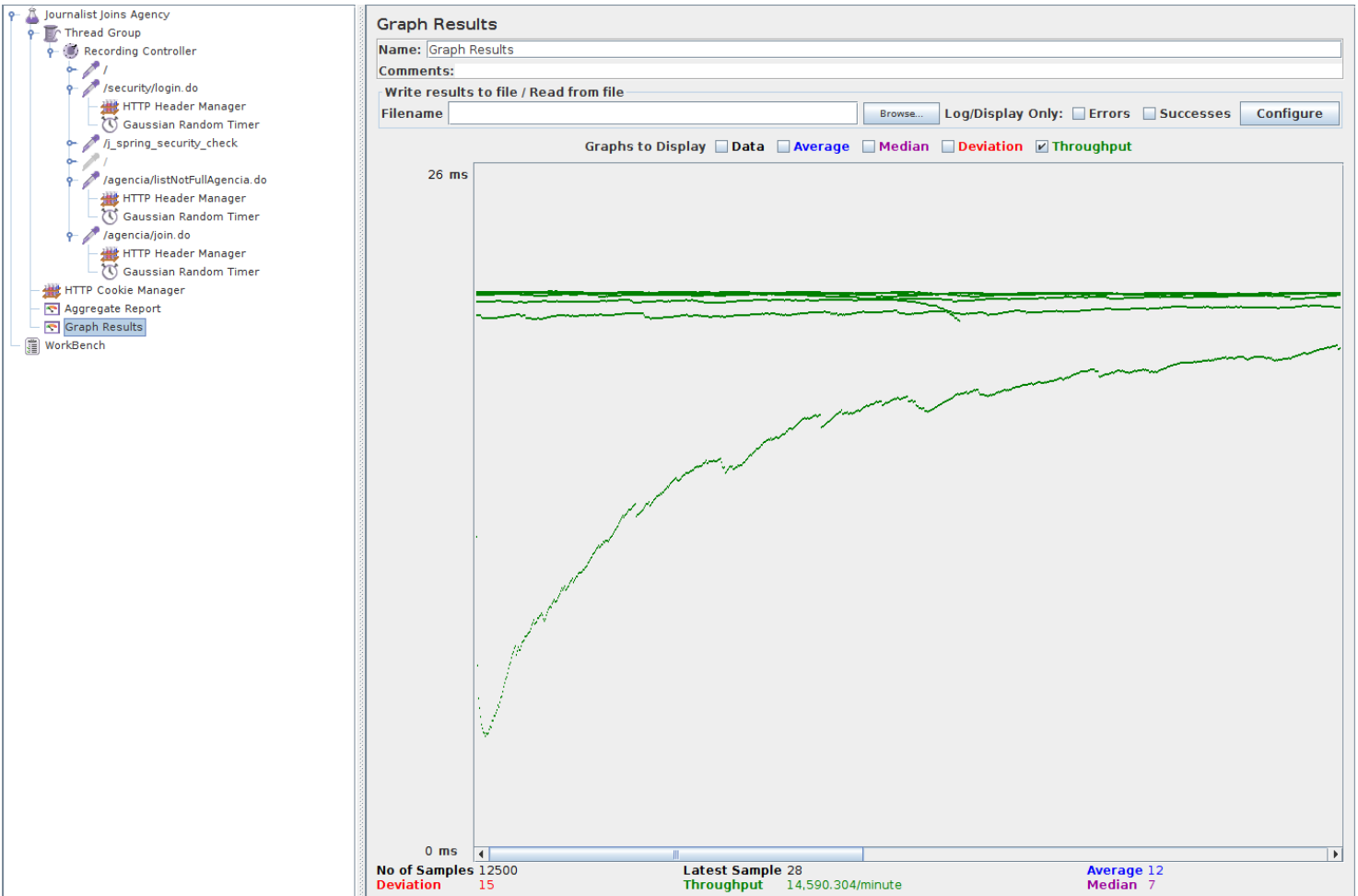


5.16 Journalist Joins Agency

5.16.1 Aggregate Result

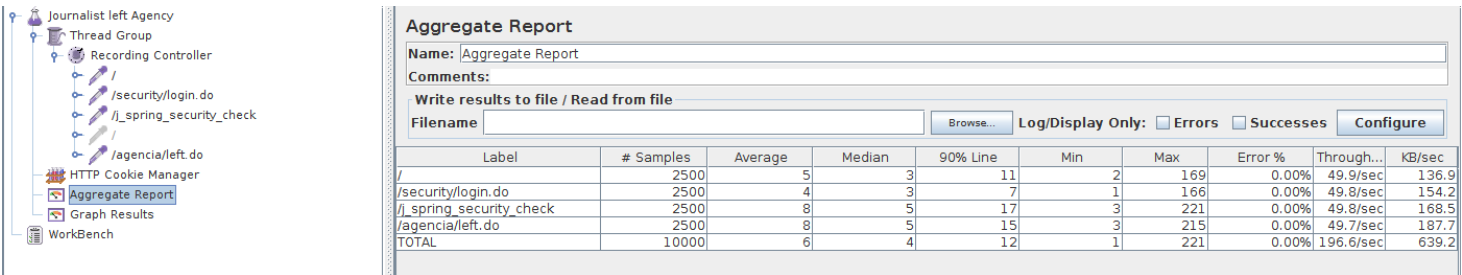


5.16.2 Graph Result

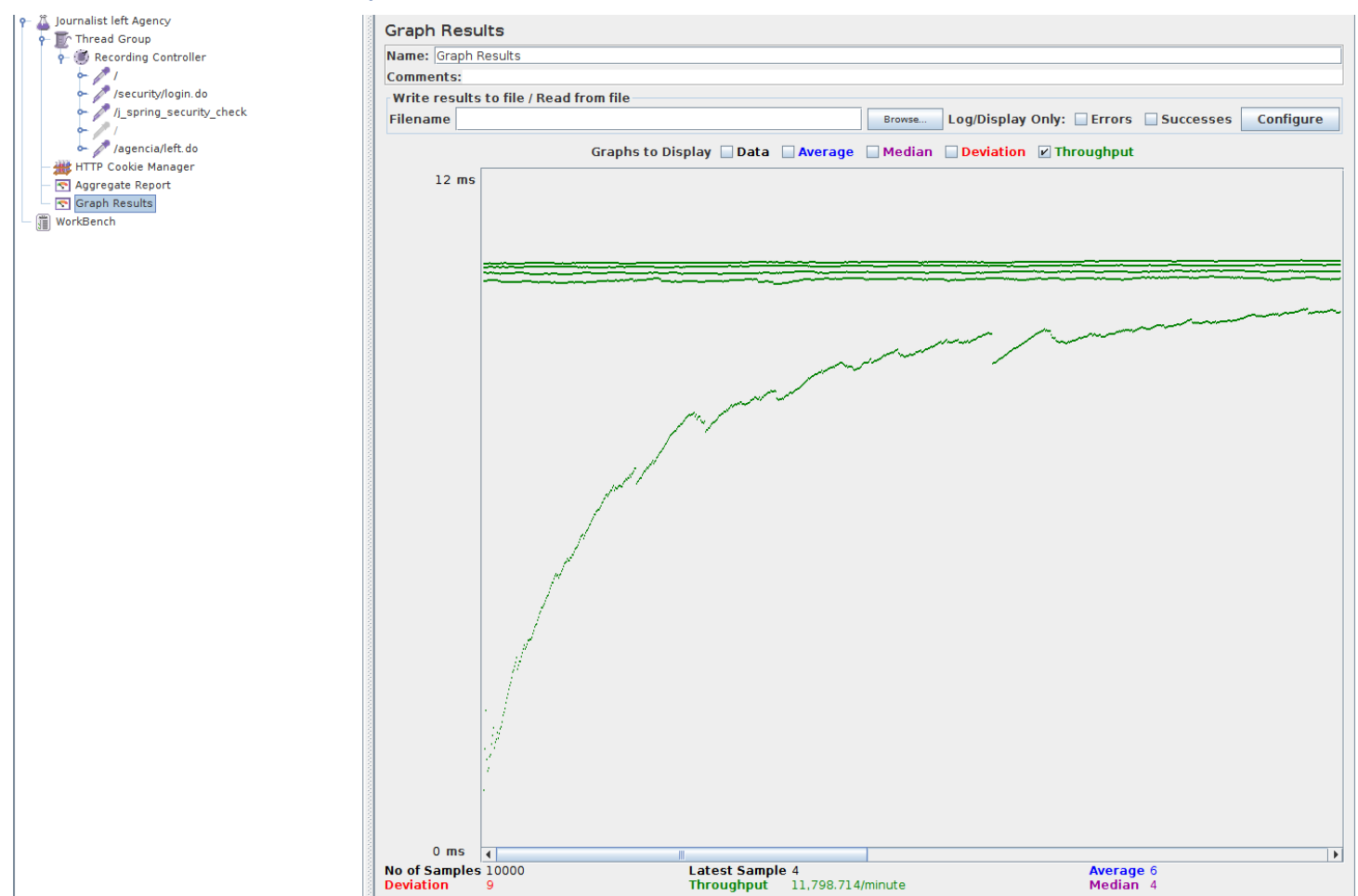


5.17 Journalist Left Agency

5.17.1 Aggregate Result

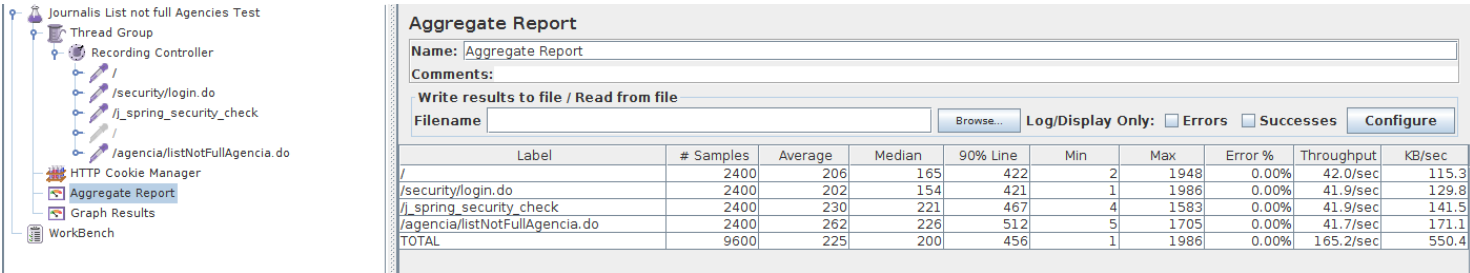


5.17.2 Graph Result

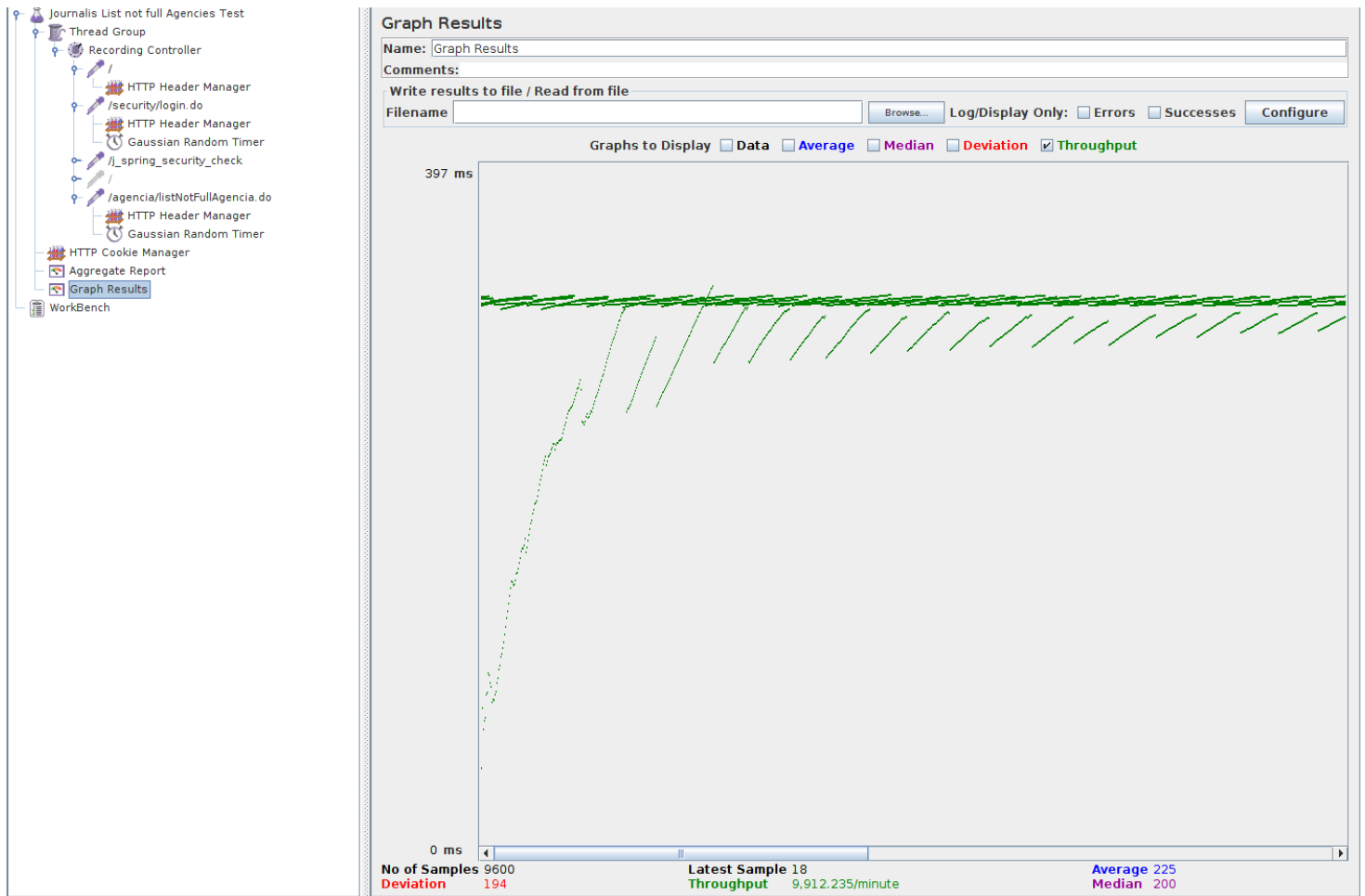


5.18 Journalist List Not Full Agencies

5.18.1 Aggregate Result

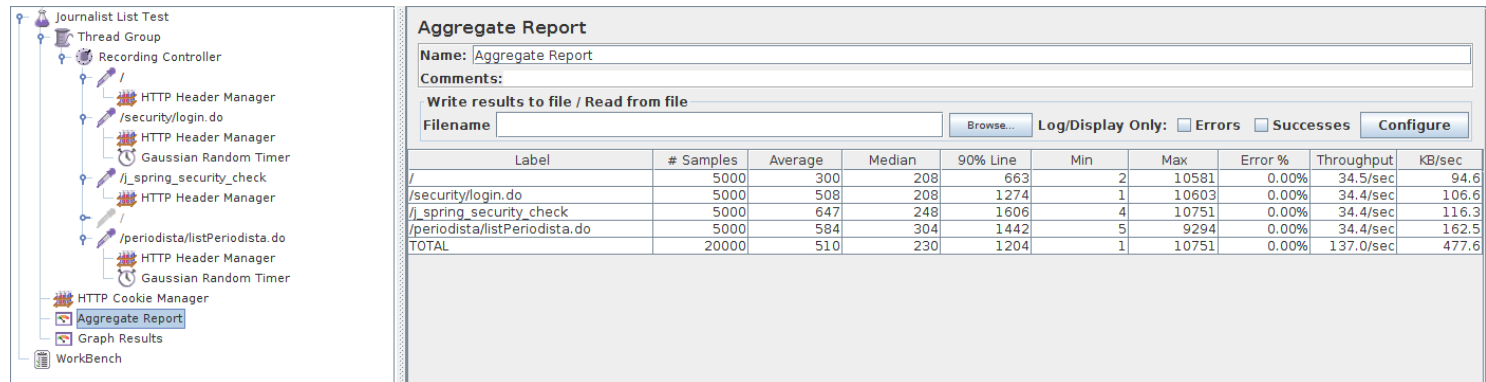


5.18.2 Graph Result

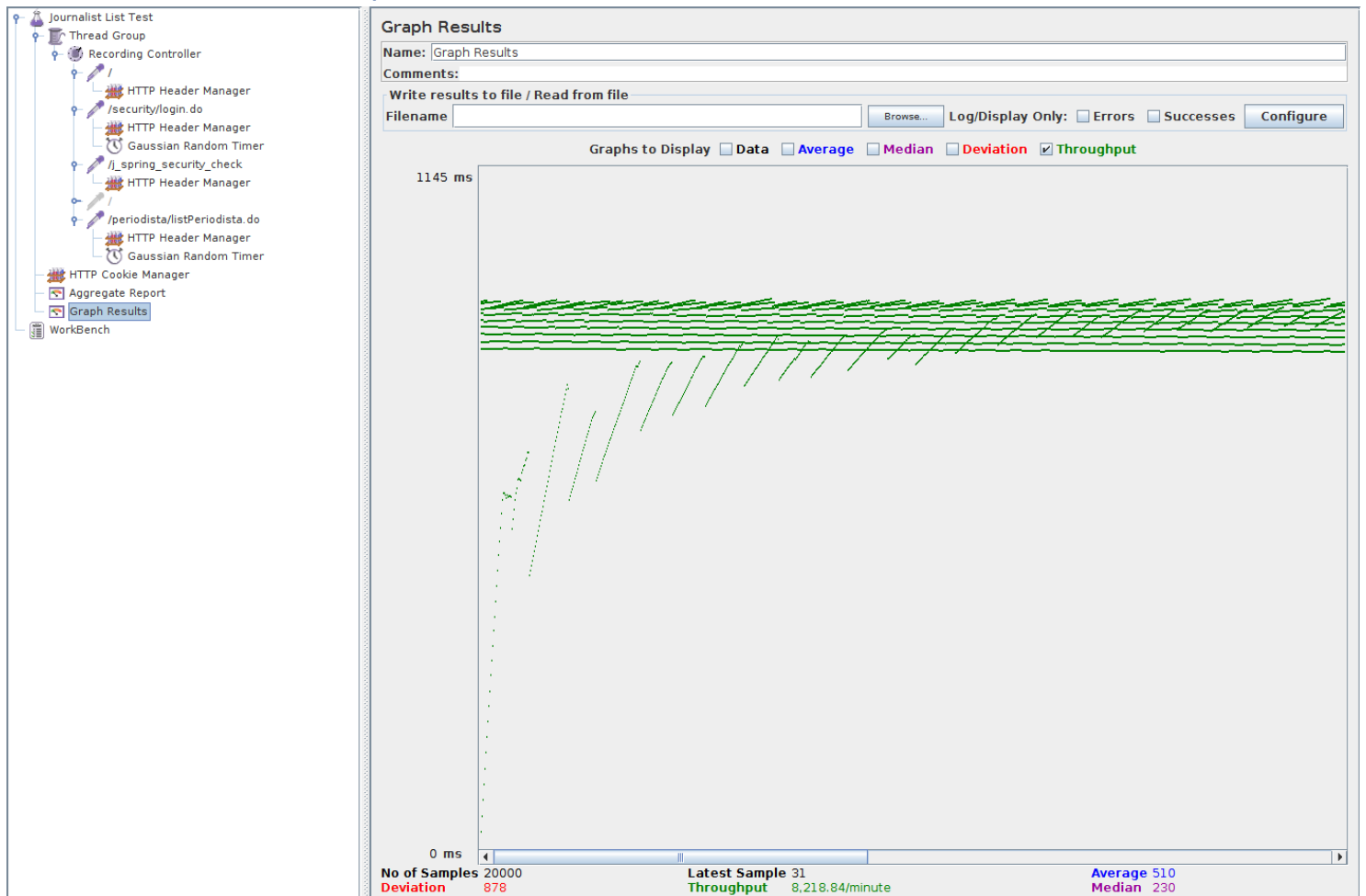


5.19 Journalist List Test

5.19.1 Aggregate Result

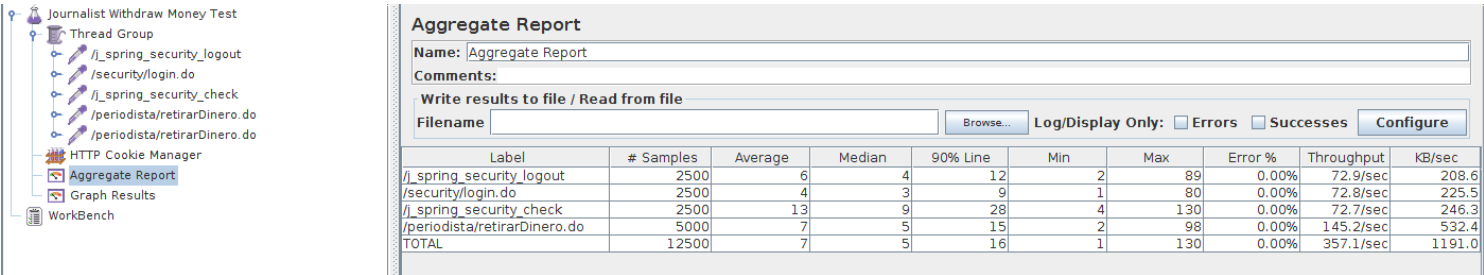


5.19.2 Graph Result

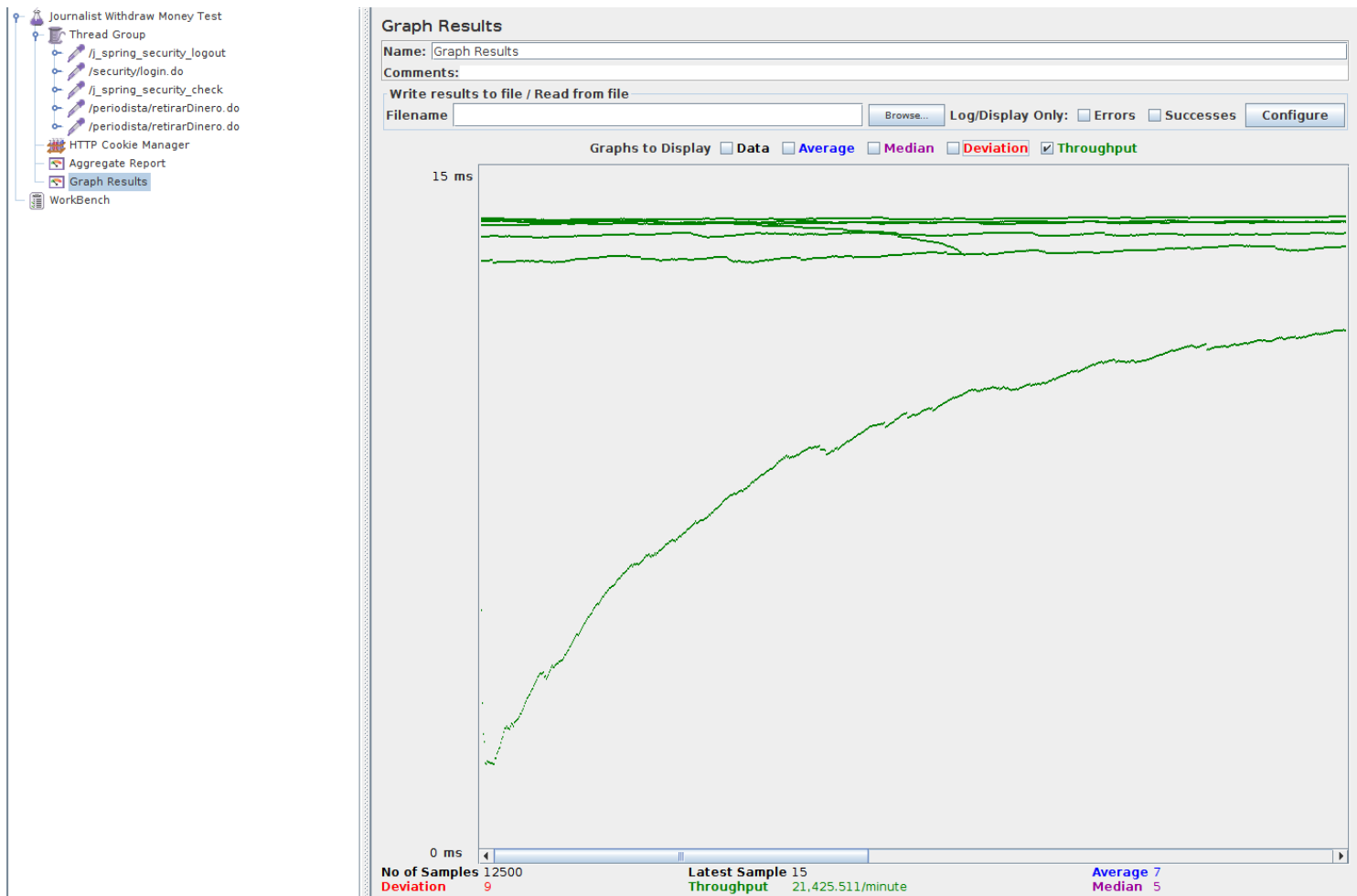


5.20 Journalist Withdraw Money

5.20.1 Aggregate Result

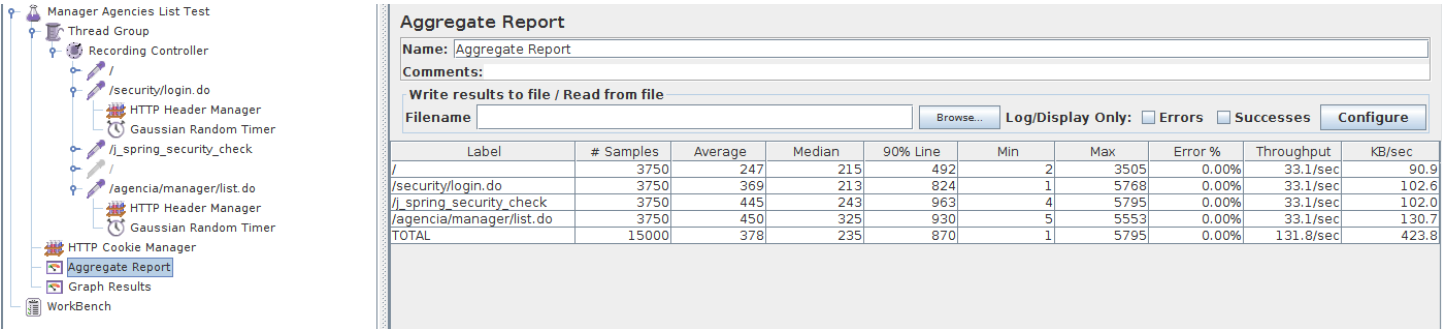


5.20.2 Graph Result

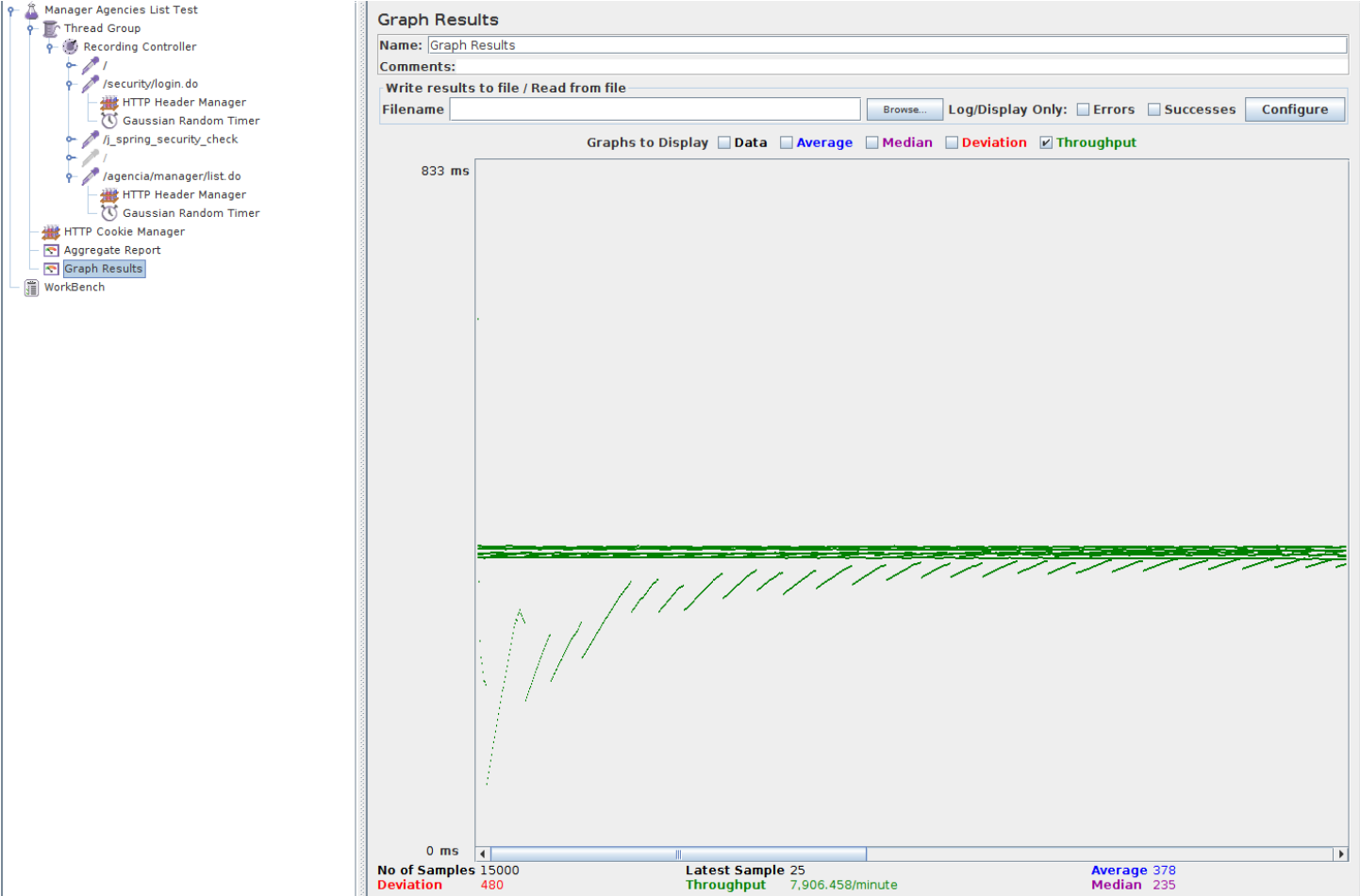


5.21 Manager Agencies List

5.21.1 Aggregate Result

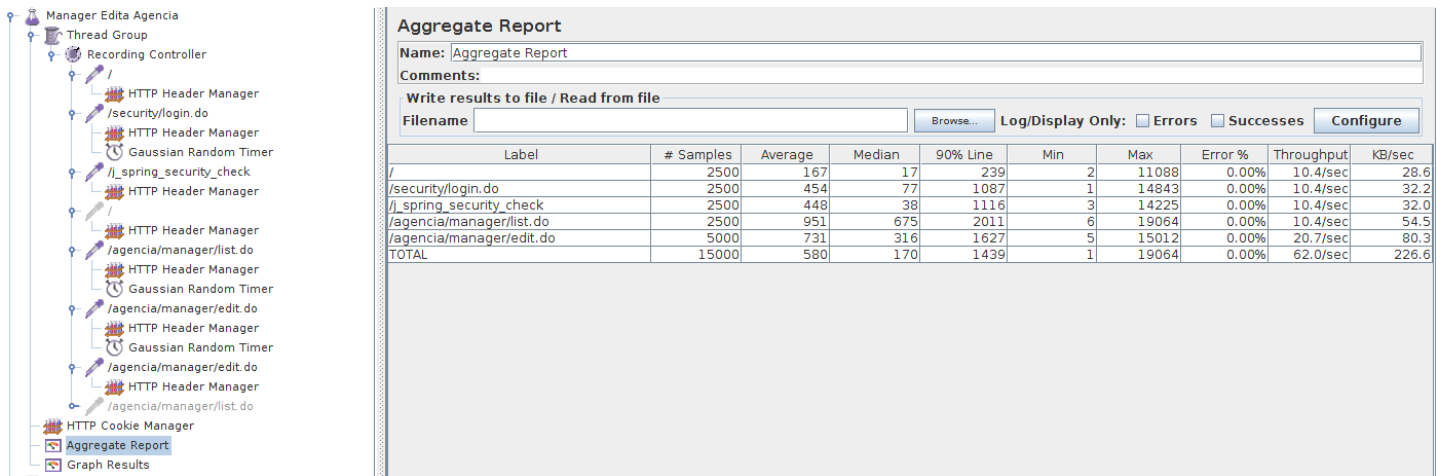


5.21.2 Graph Result

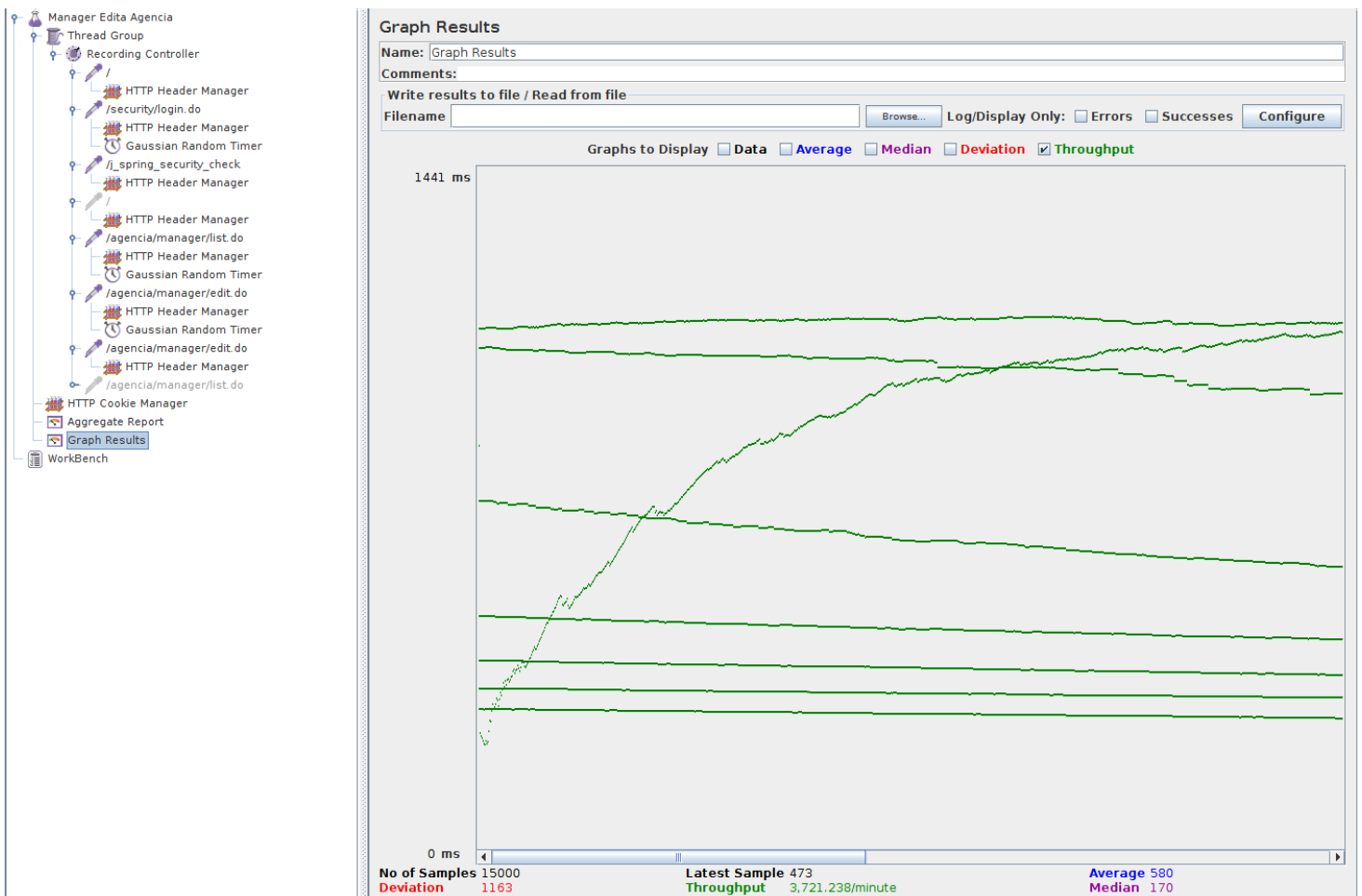


5.22 Manager Agency Edit

5.22.1 Aggregate Result

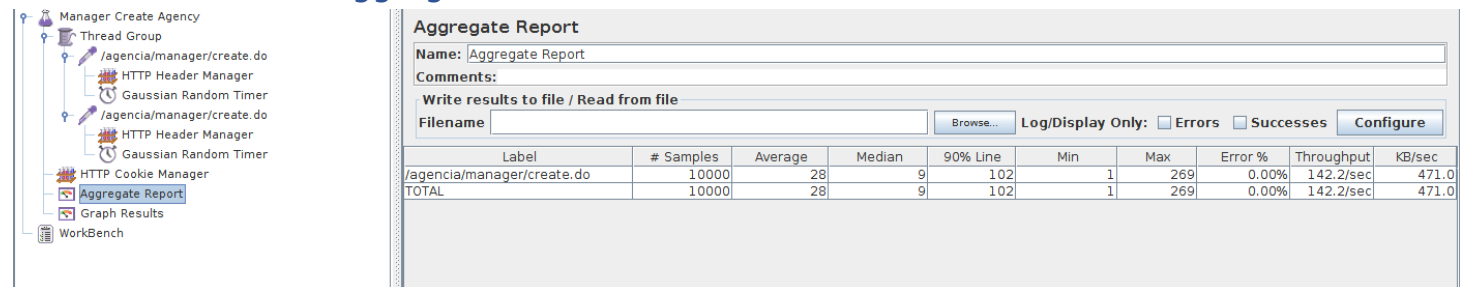


5.22.2 Graph Result

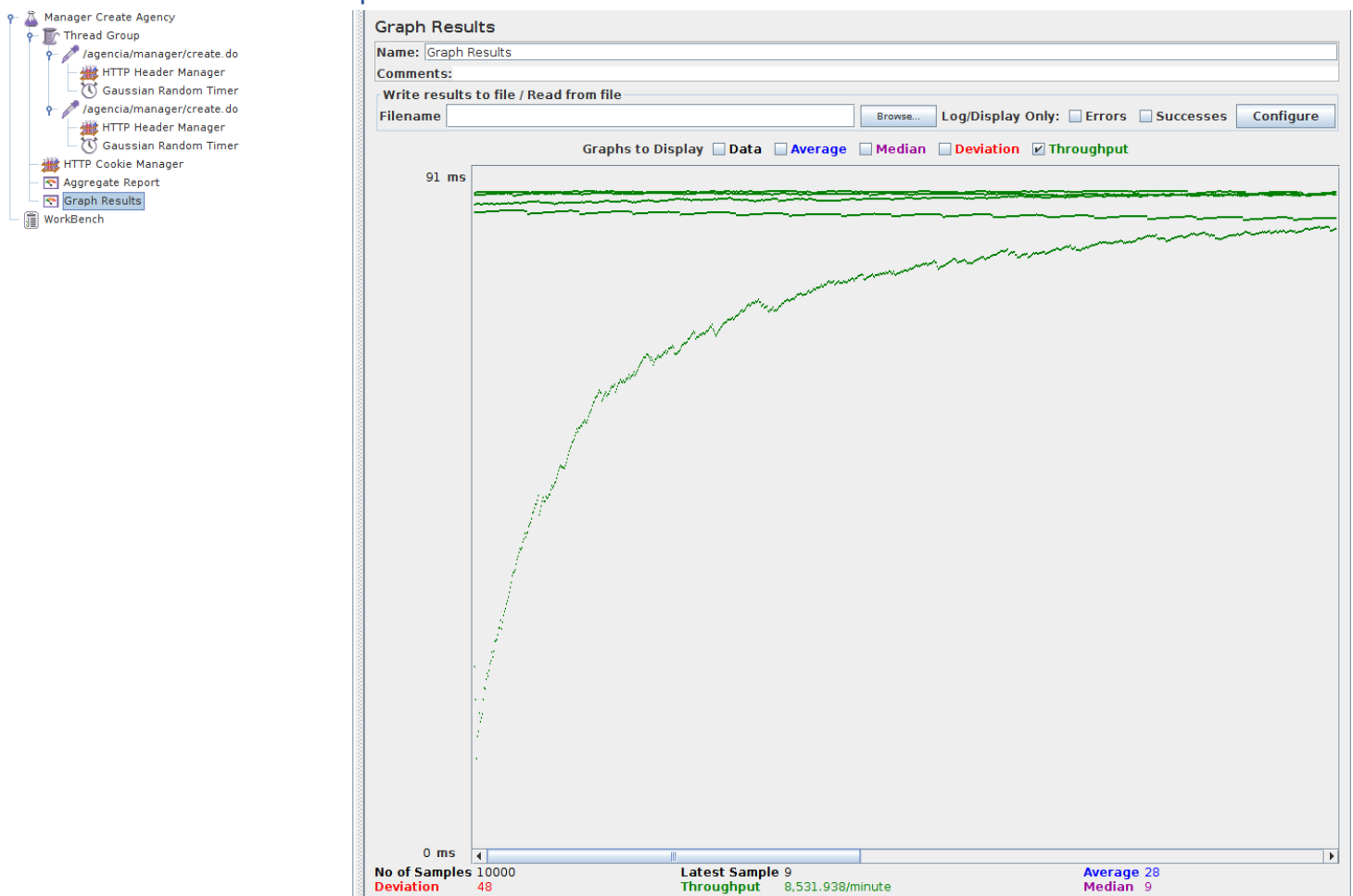


5.23 Manager Create Agency

5.23.1 Aggregate Result

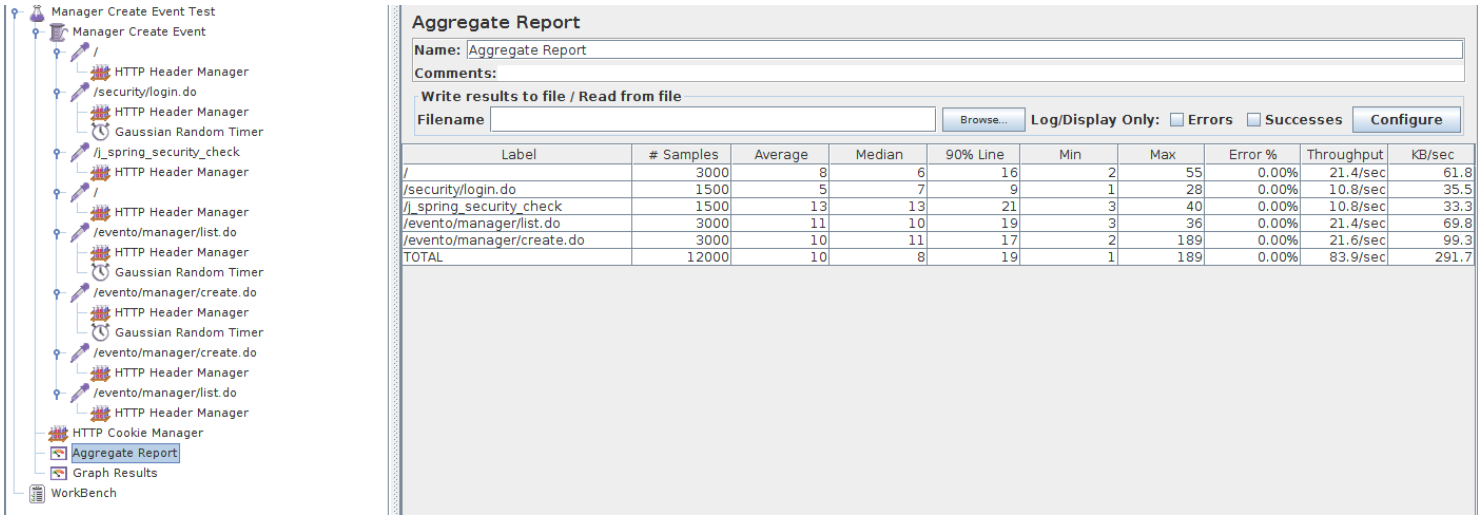


5.23.2 Graph Result

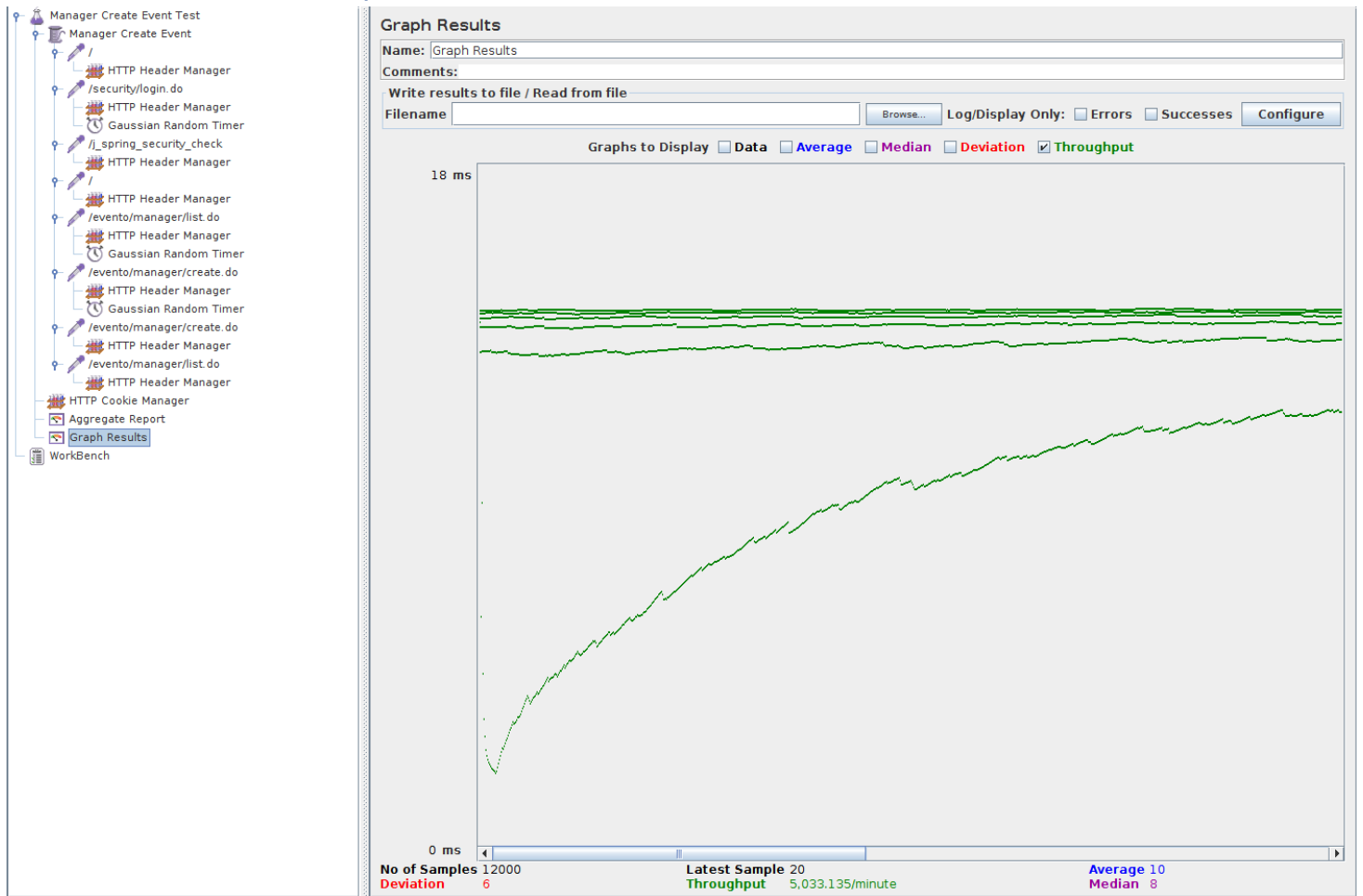


5.24 Manager Create Event

5.24.1 Aggregate Result

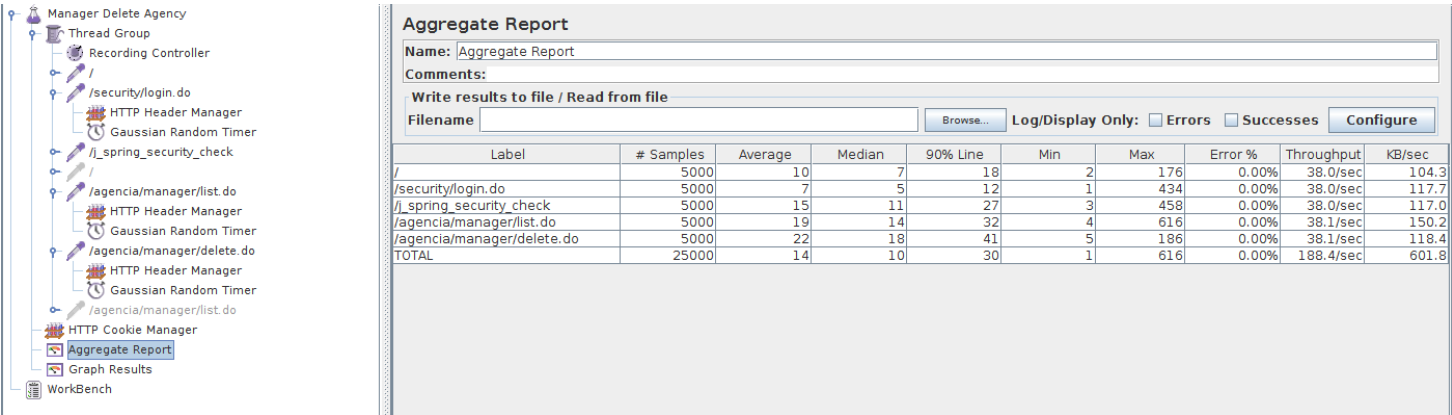


5.24.2 Graph Result

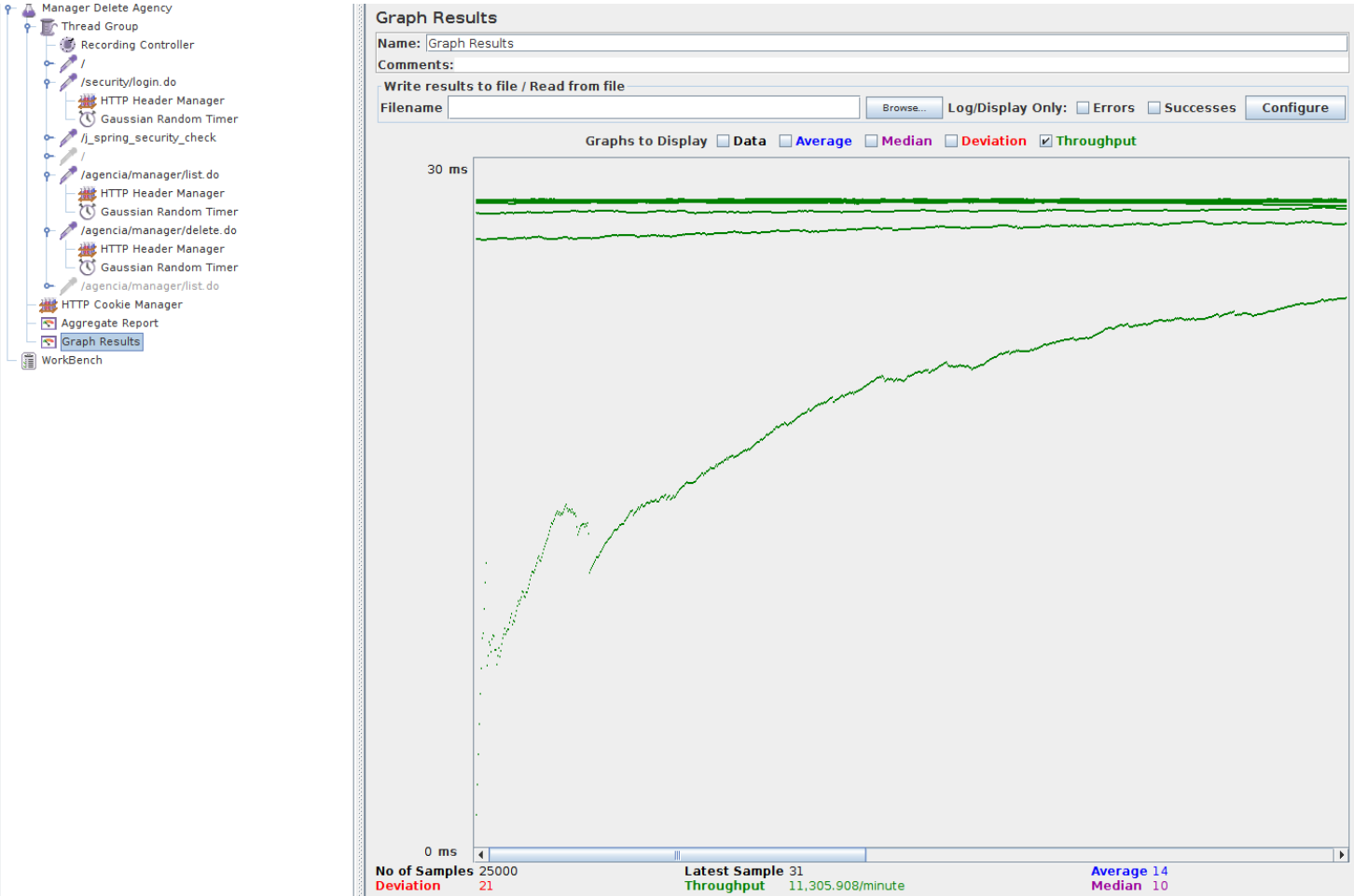


5.25 Manager Delete Agency

5.25.1 Aggregate Result

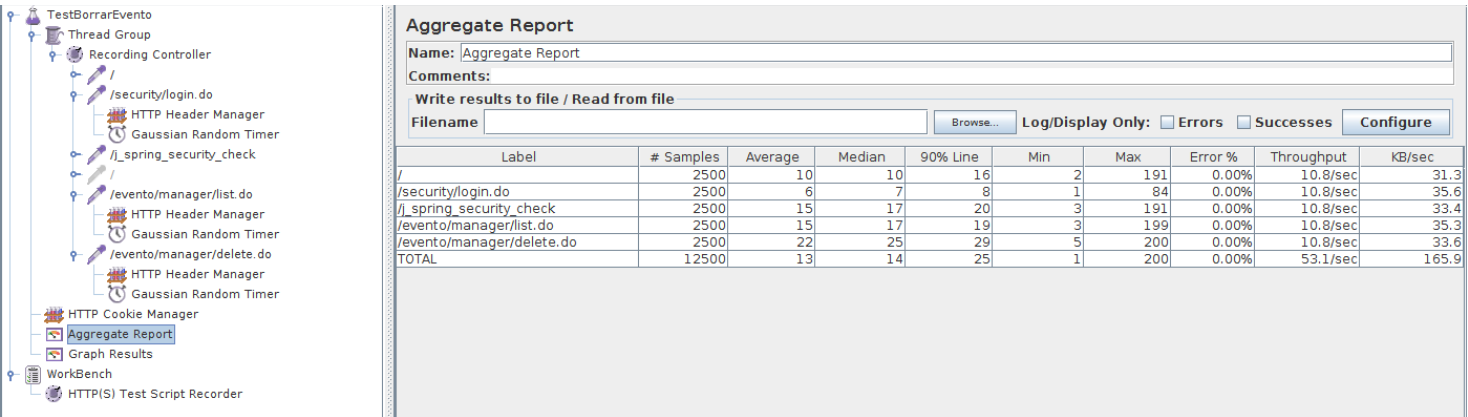


5.25.2 Graph Result

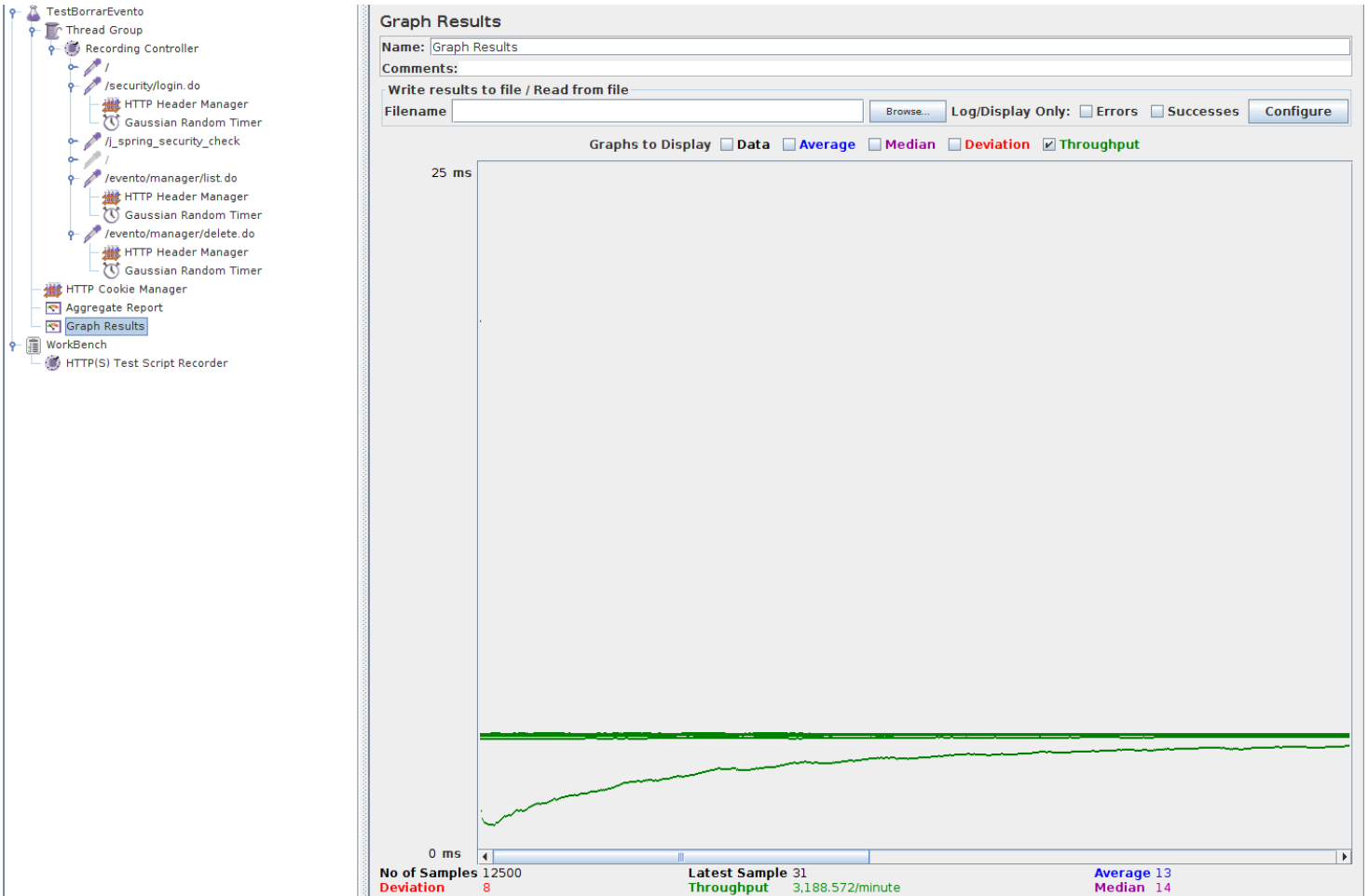


5.26 Manager Delete Evento

5.26.1 Aggregate Result

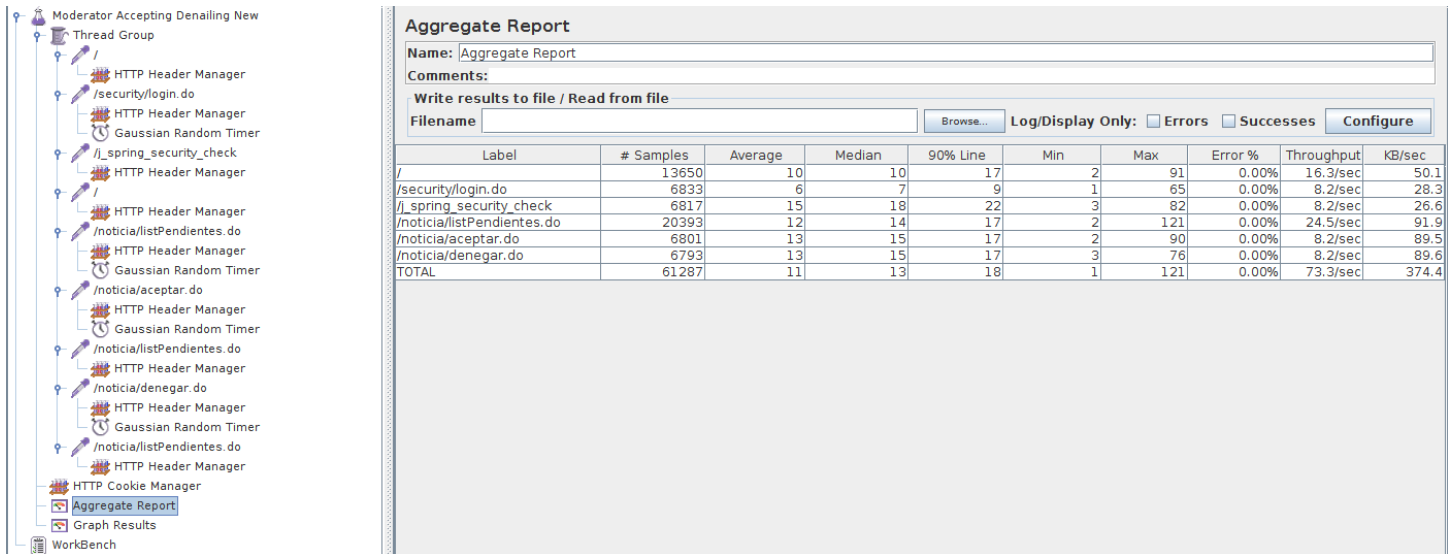


5.26.2 Graph Result

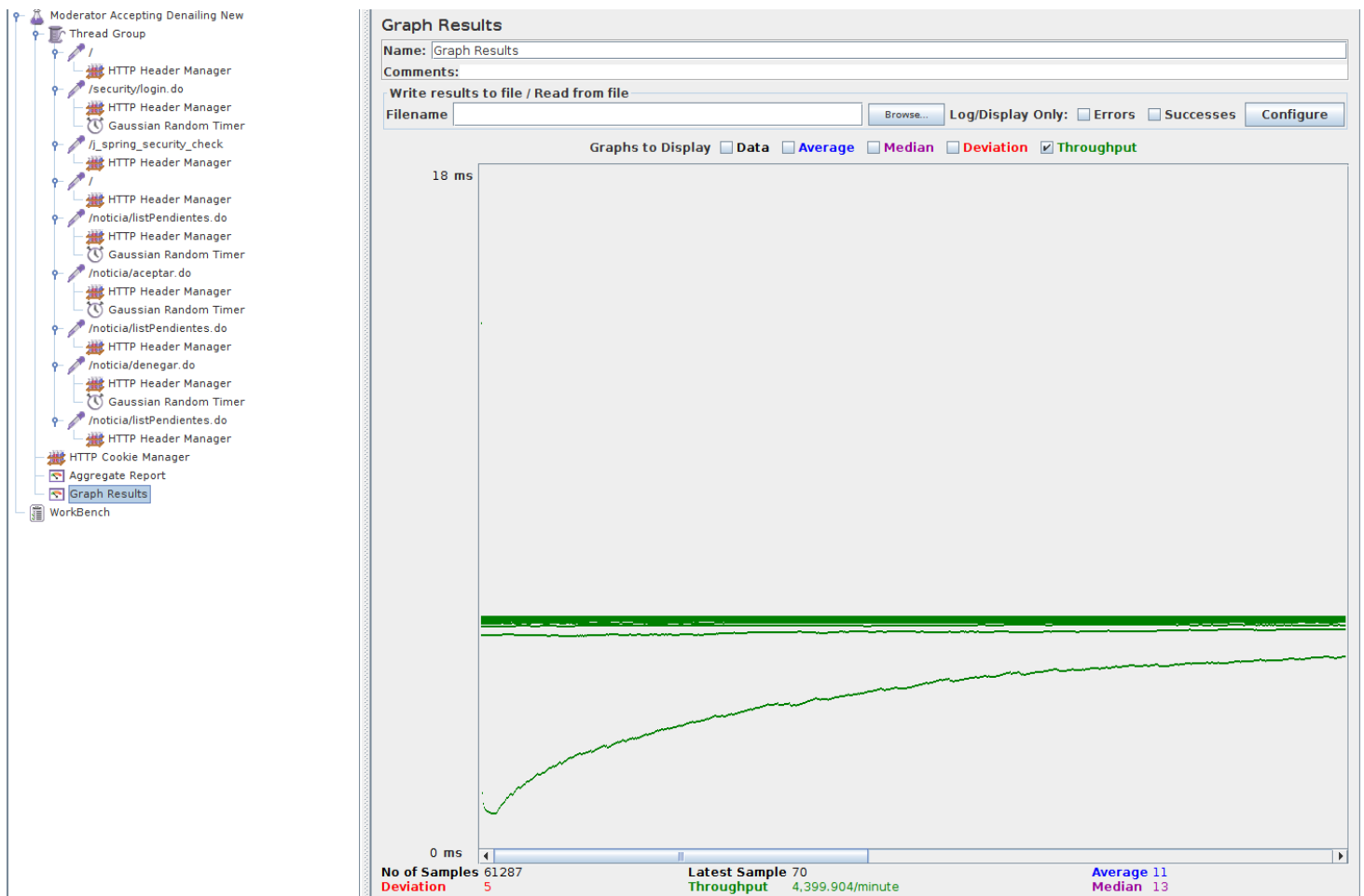


5.27 Moderator Accepting-Denaiding News

5.27.1 Aggregate Result

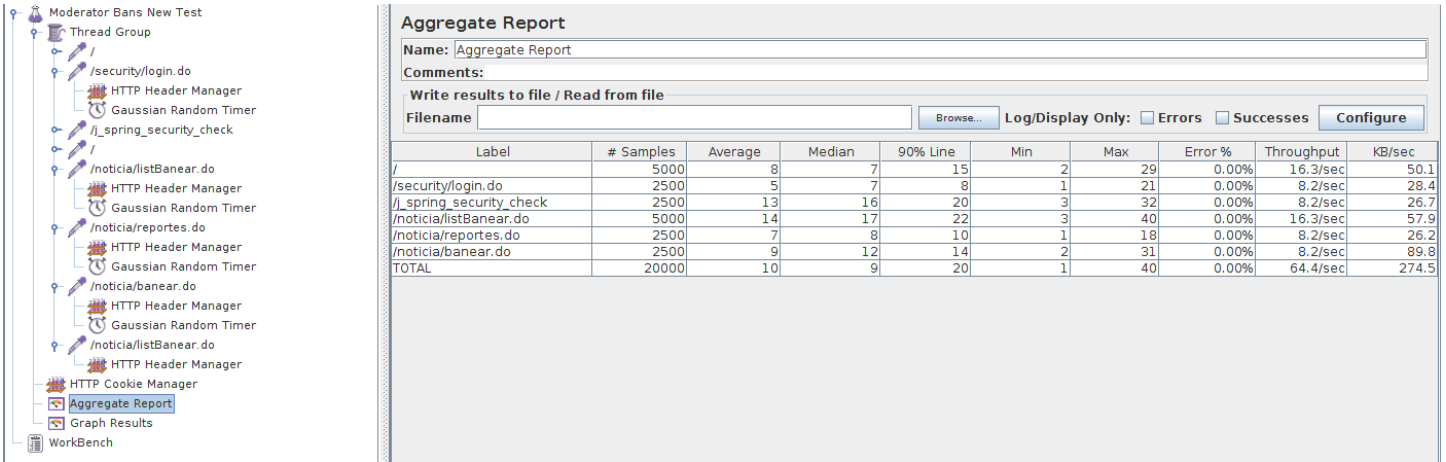


5.27.2 Graph Result

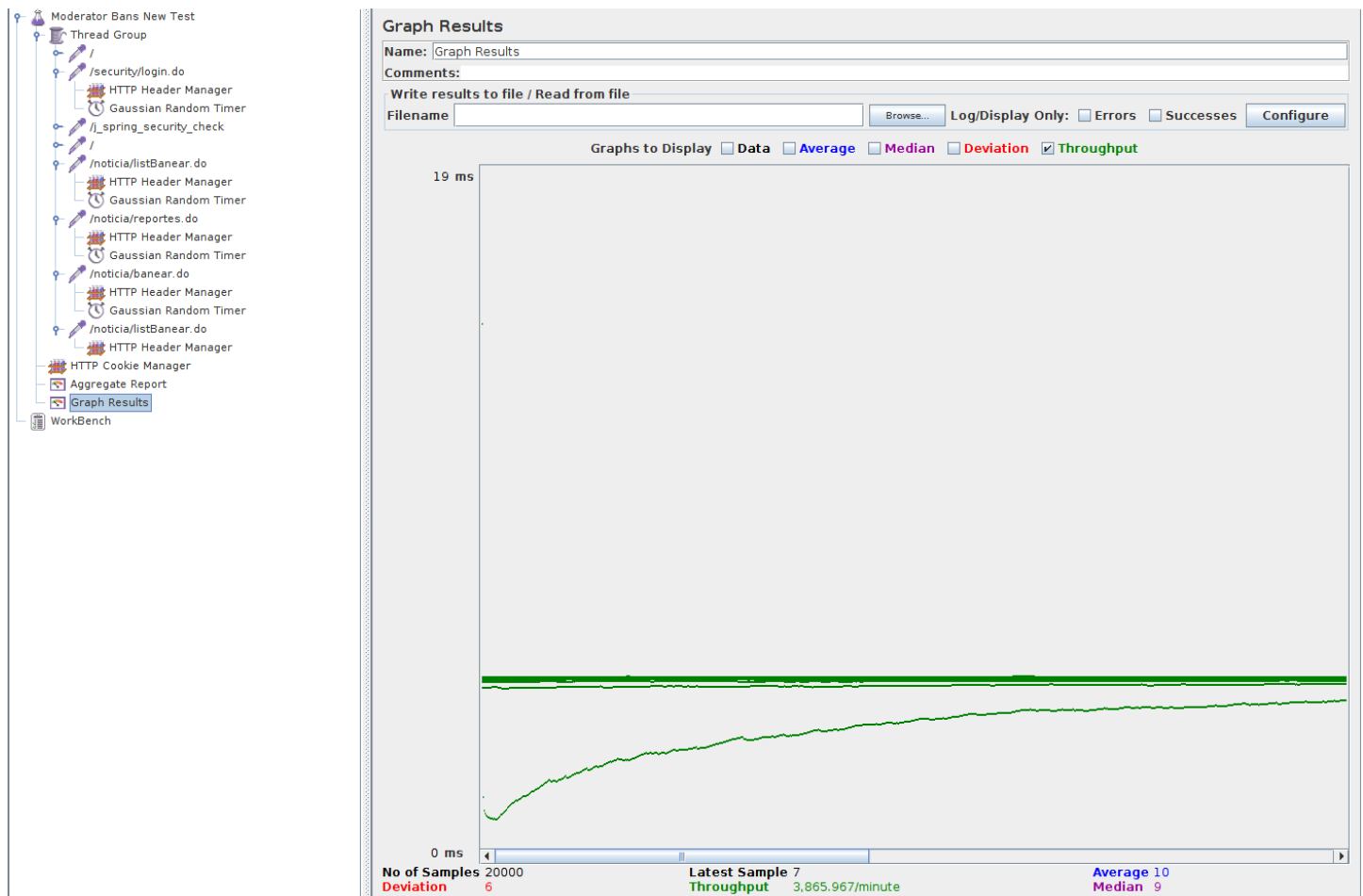


5.28 Moderator Bans News

5.28.1 Aggregate Result

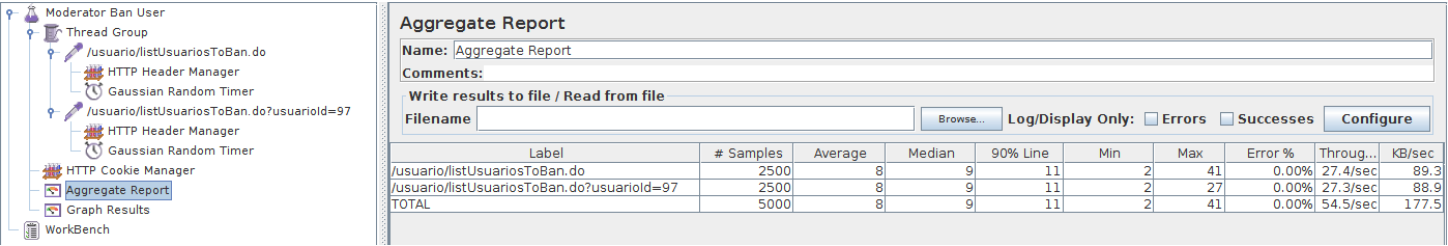


5.28.2 Graph Result

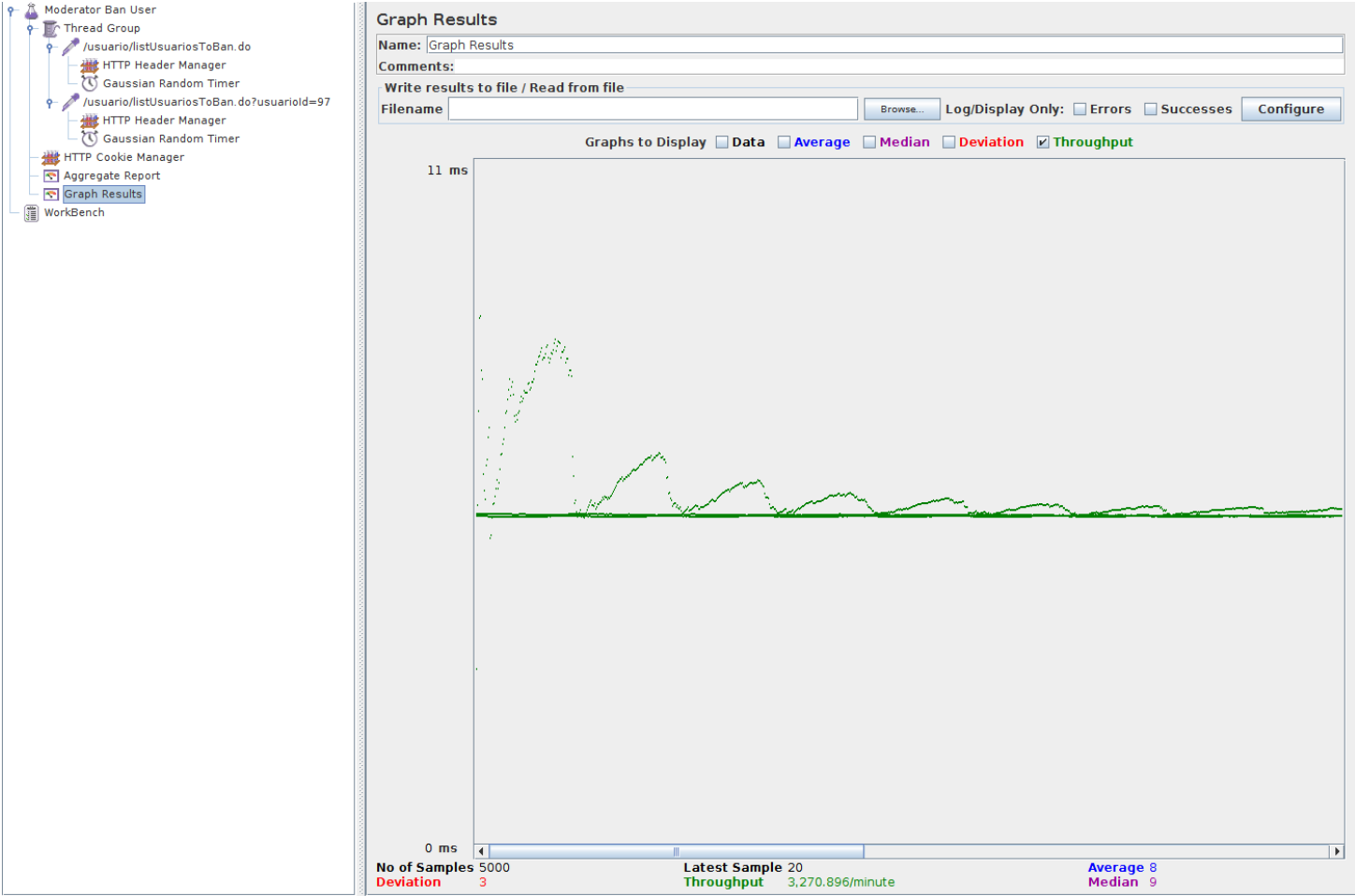


5.29 Moderator Bans User

5.29.1 Aggregate Result

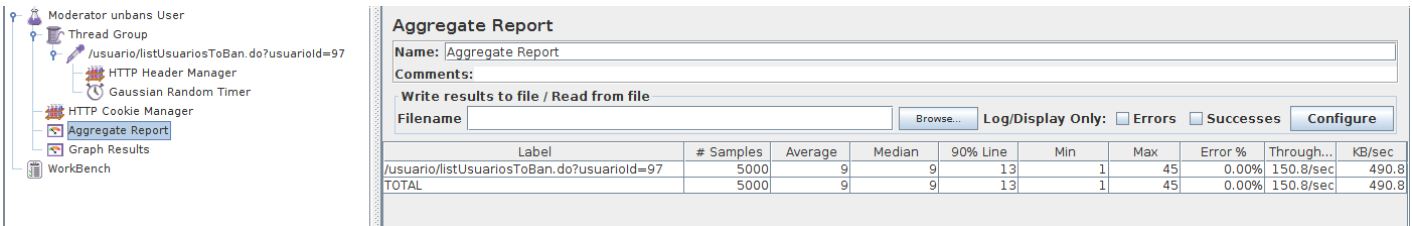


5.29.2 Graph Result

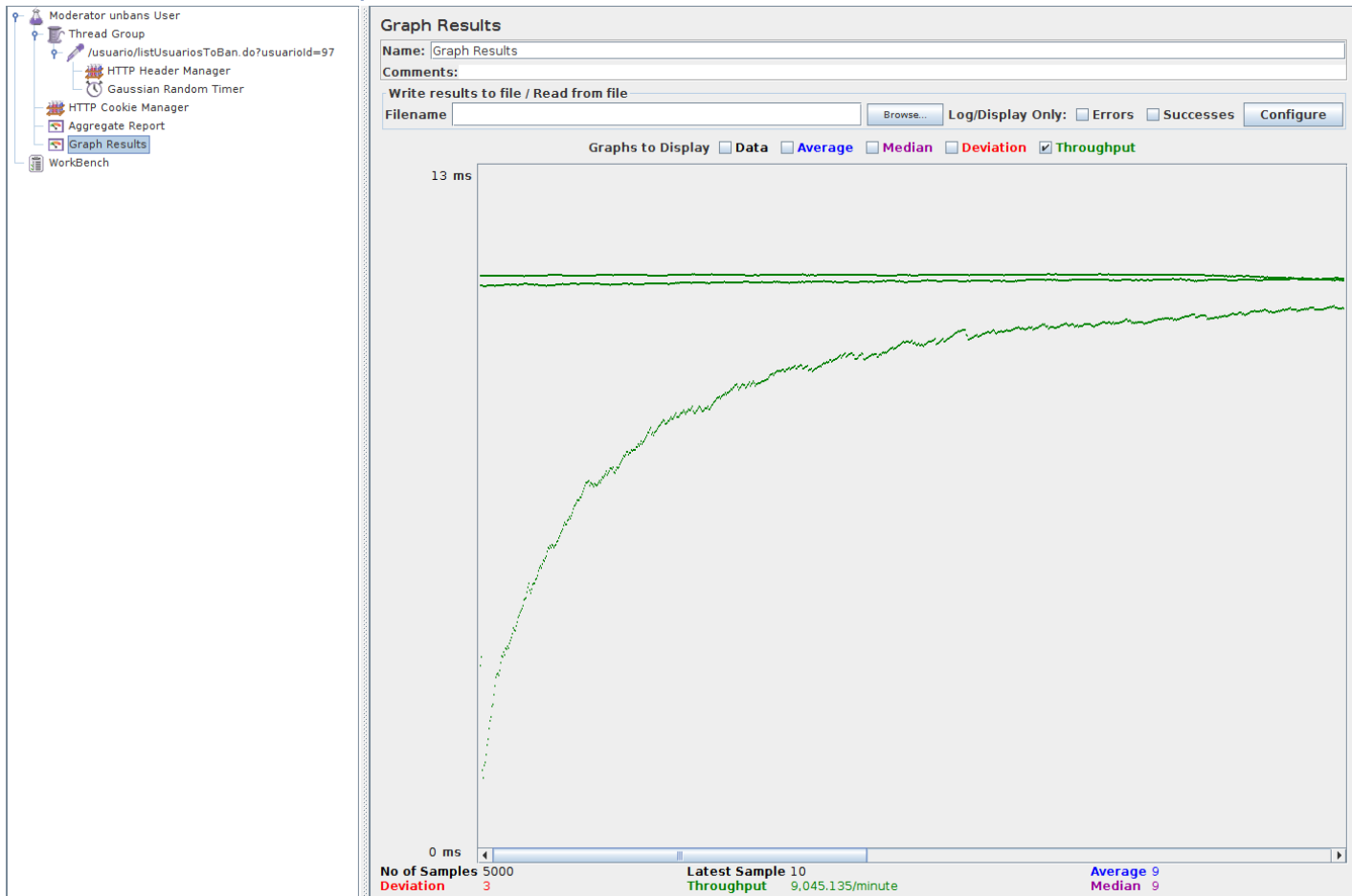


5.30 Moderator Unbans User

5.30.1 Aggregate Result

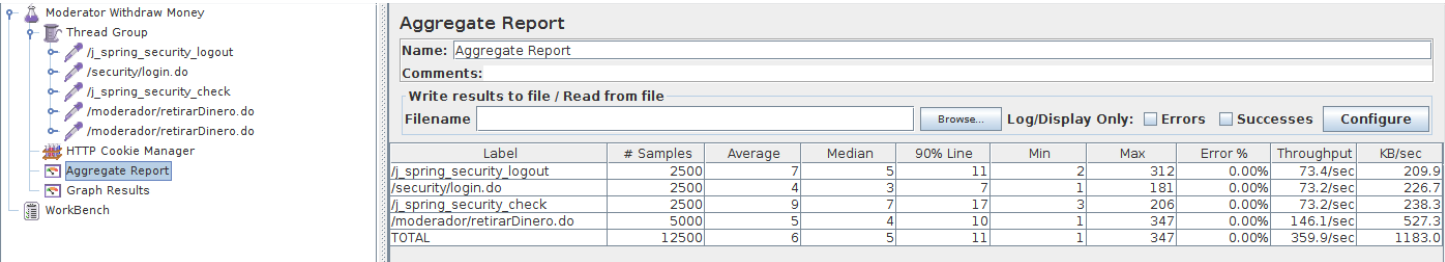


5.30.2 Graph Result

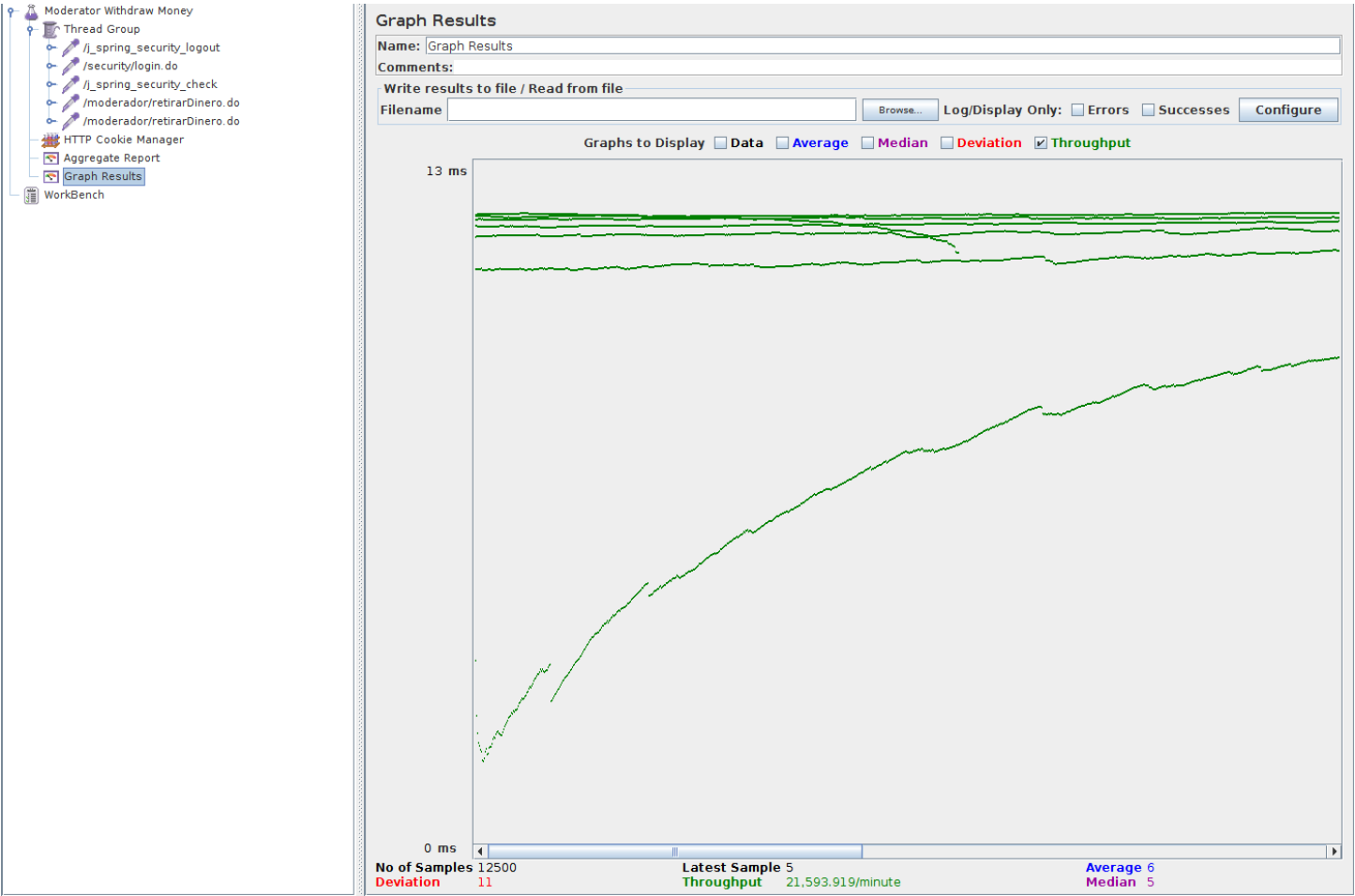


5.31 Moderator Withdraw Money

5.31.1 Aggregate Result

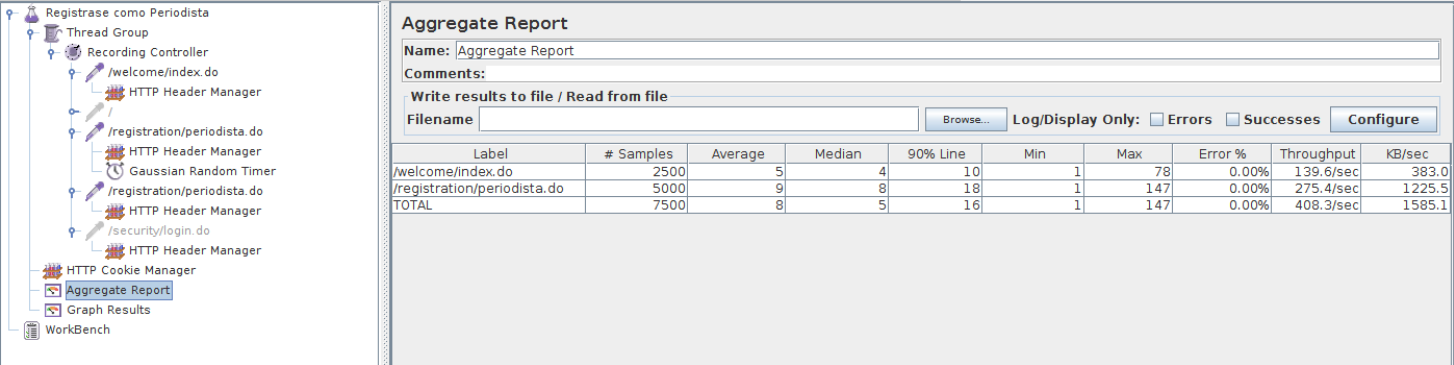


5.31.2 Graph Result

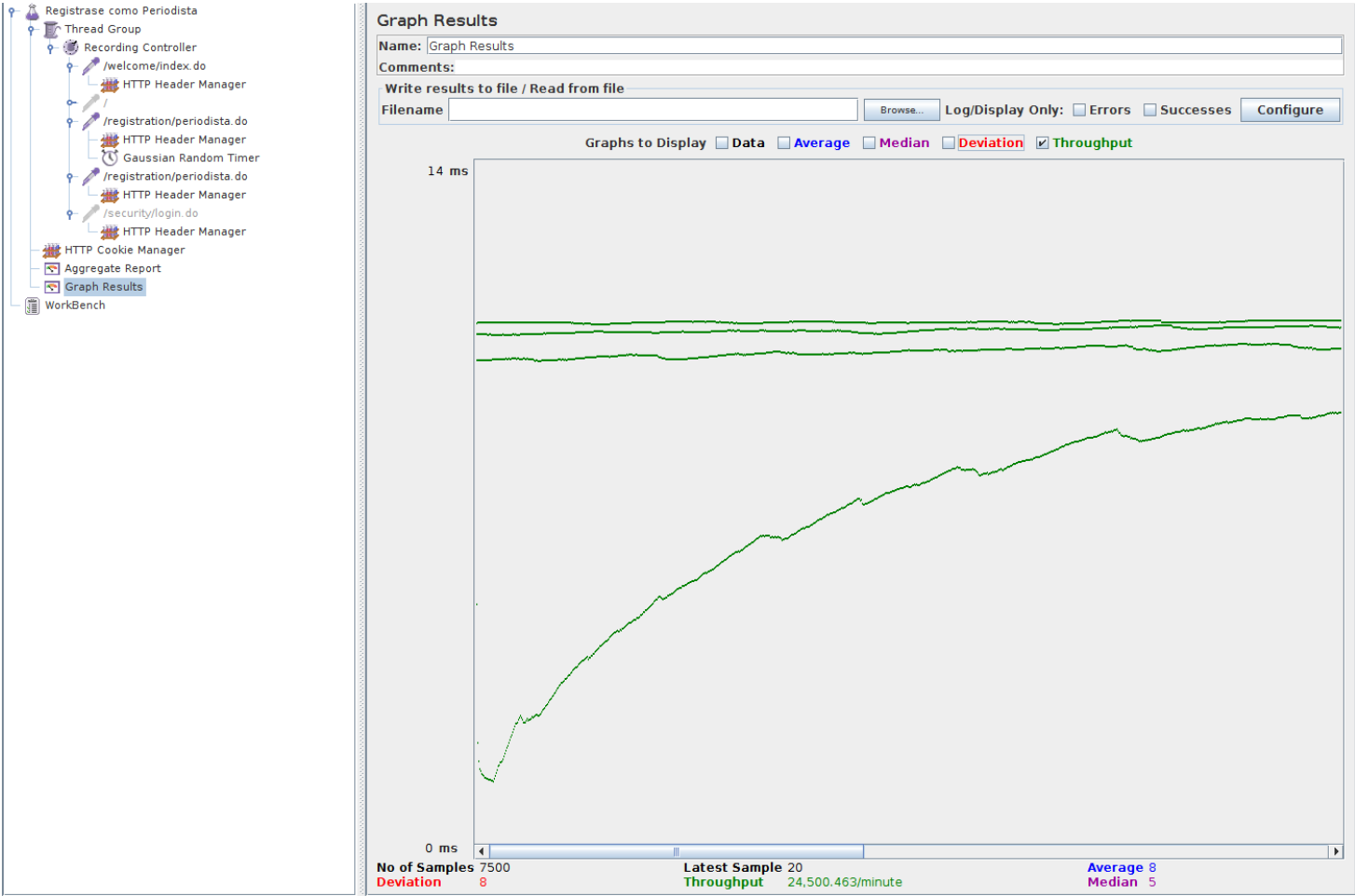


5.32 Register Journalist

5.32.1 Aggregate Result

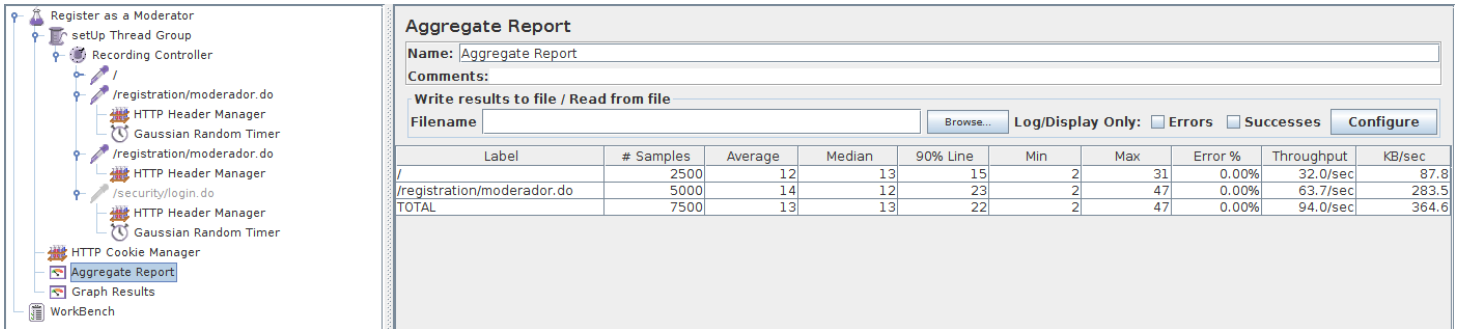


5.32.2 Graph Result

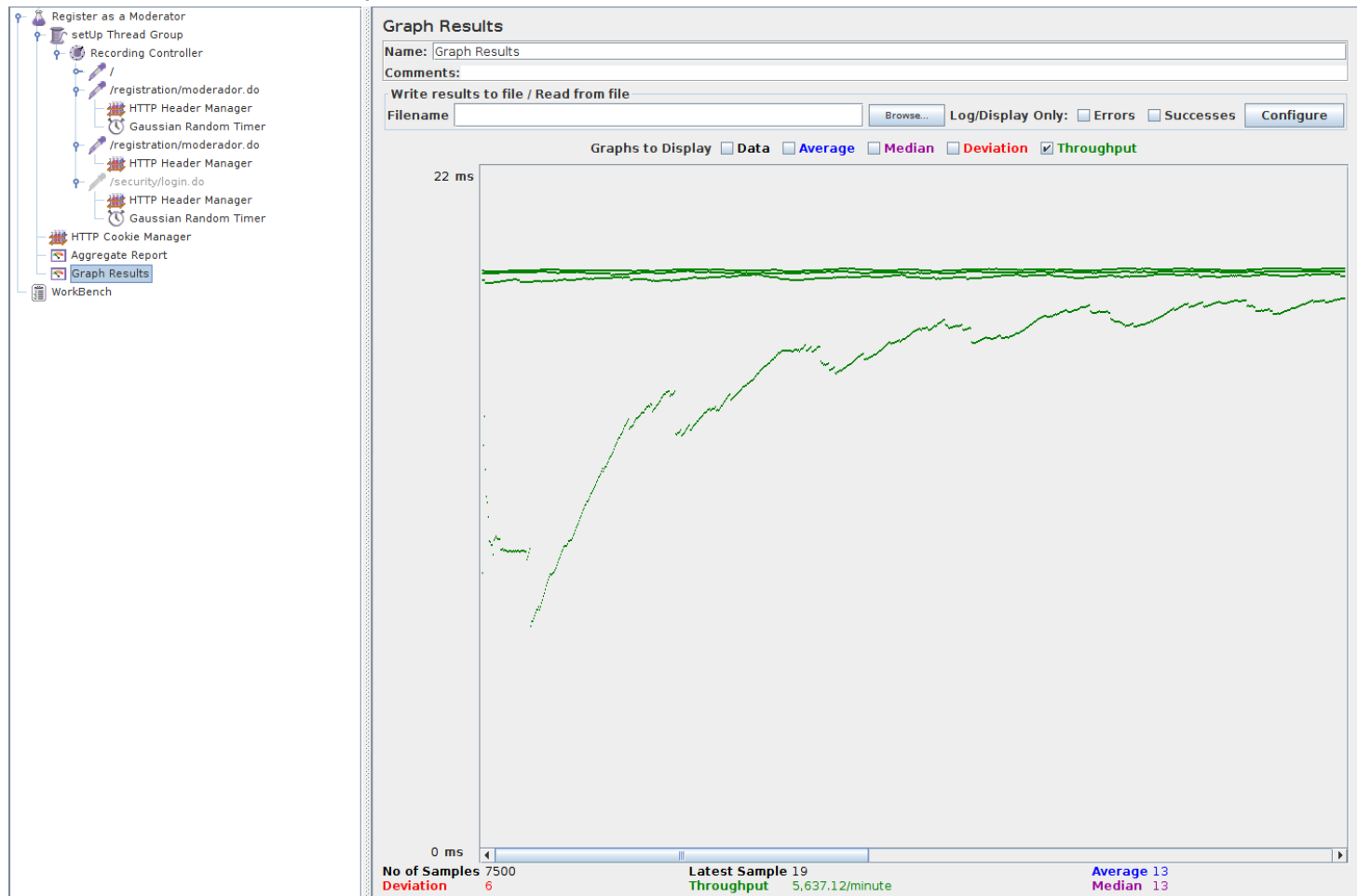


5.33 Register Moderator

5.33.1 Aggregate Result

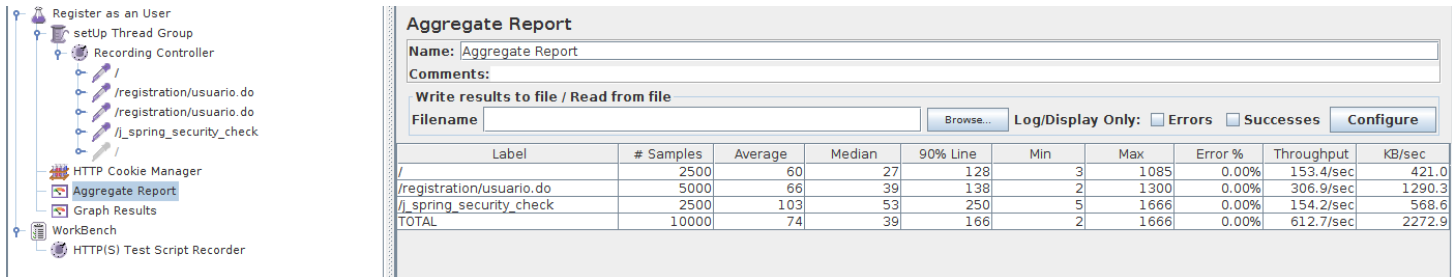


5.33.2 Graph Result

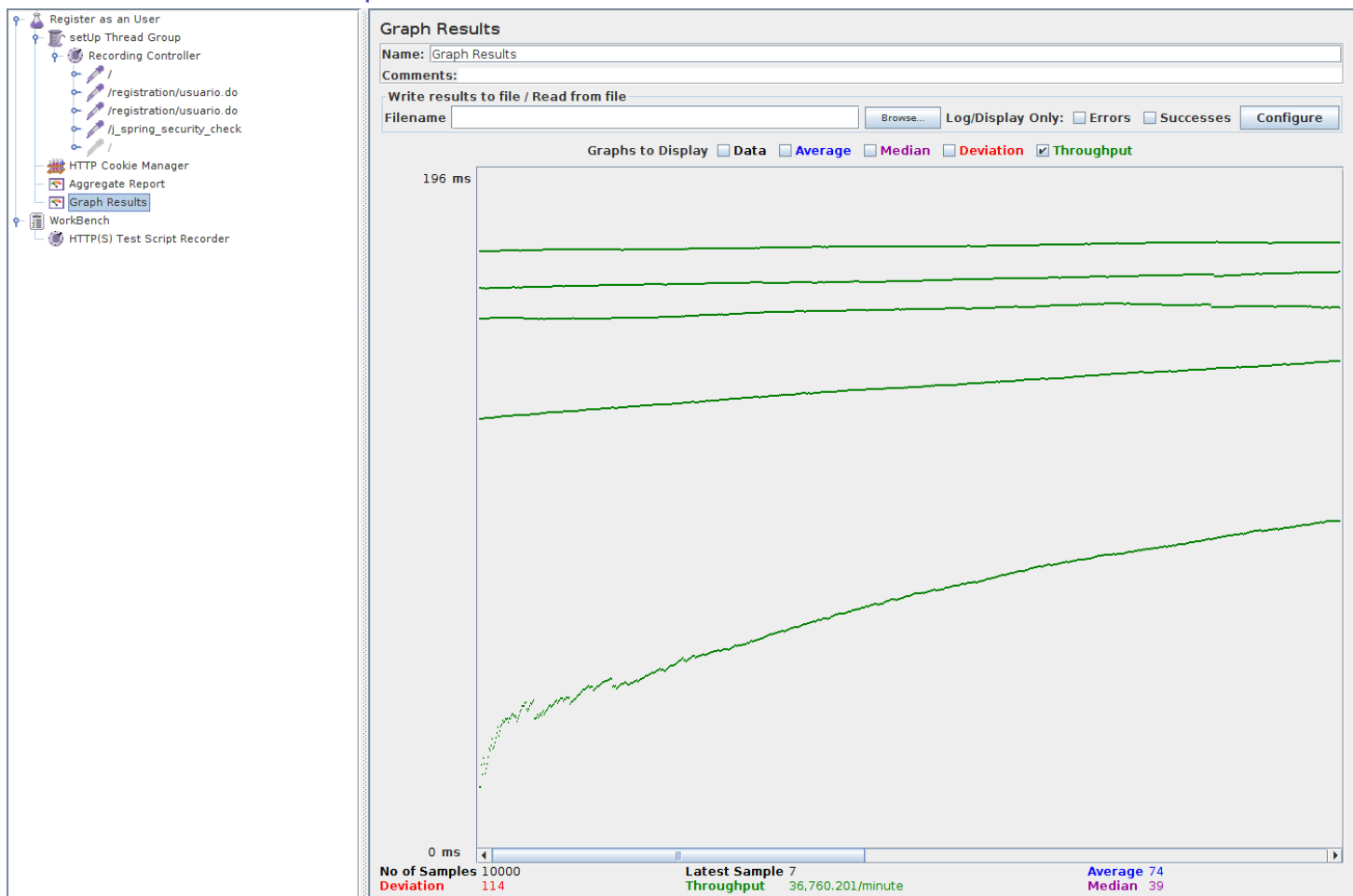


5.34 Register User

5.34.1 Aggregate Result

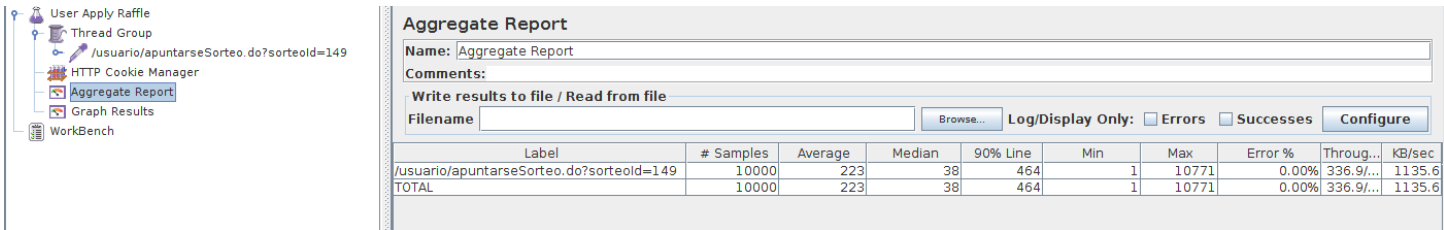


5.34.2 Graph Result

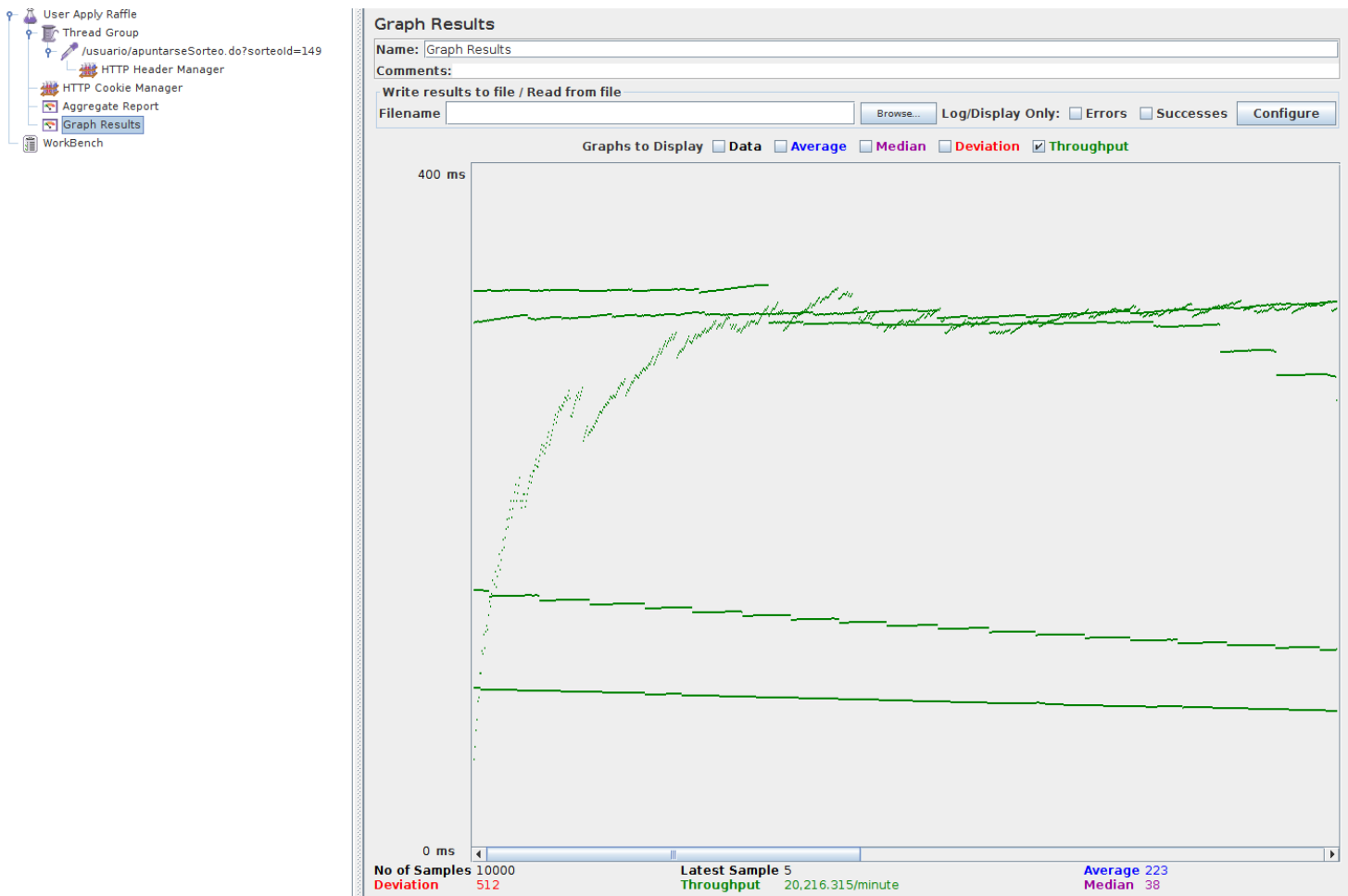


5.35 User Apply Raffle

5.35.1 Aggregate Result

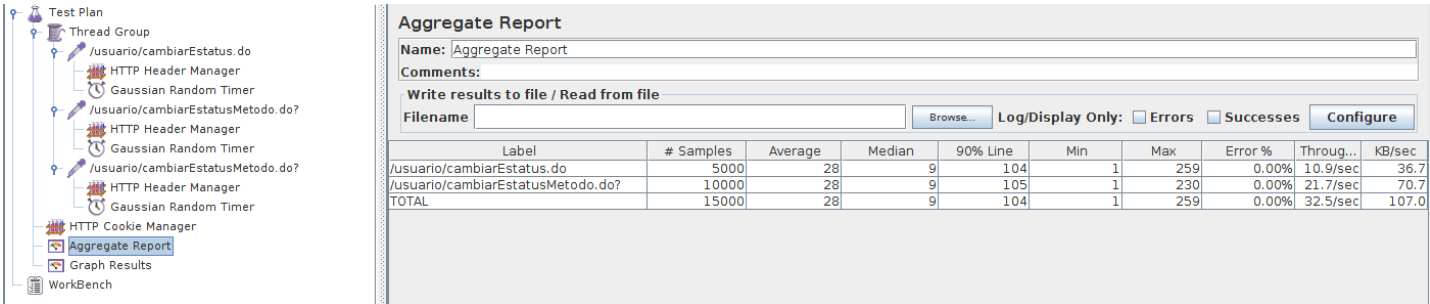


5.35.2 Graph Result

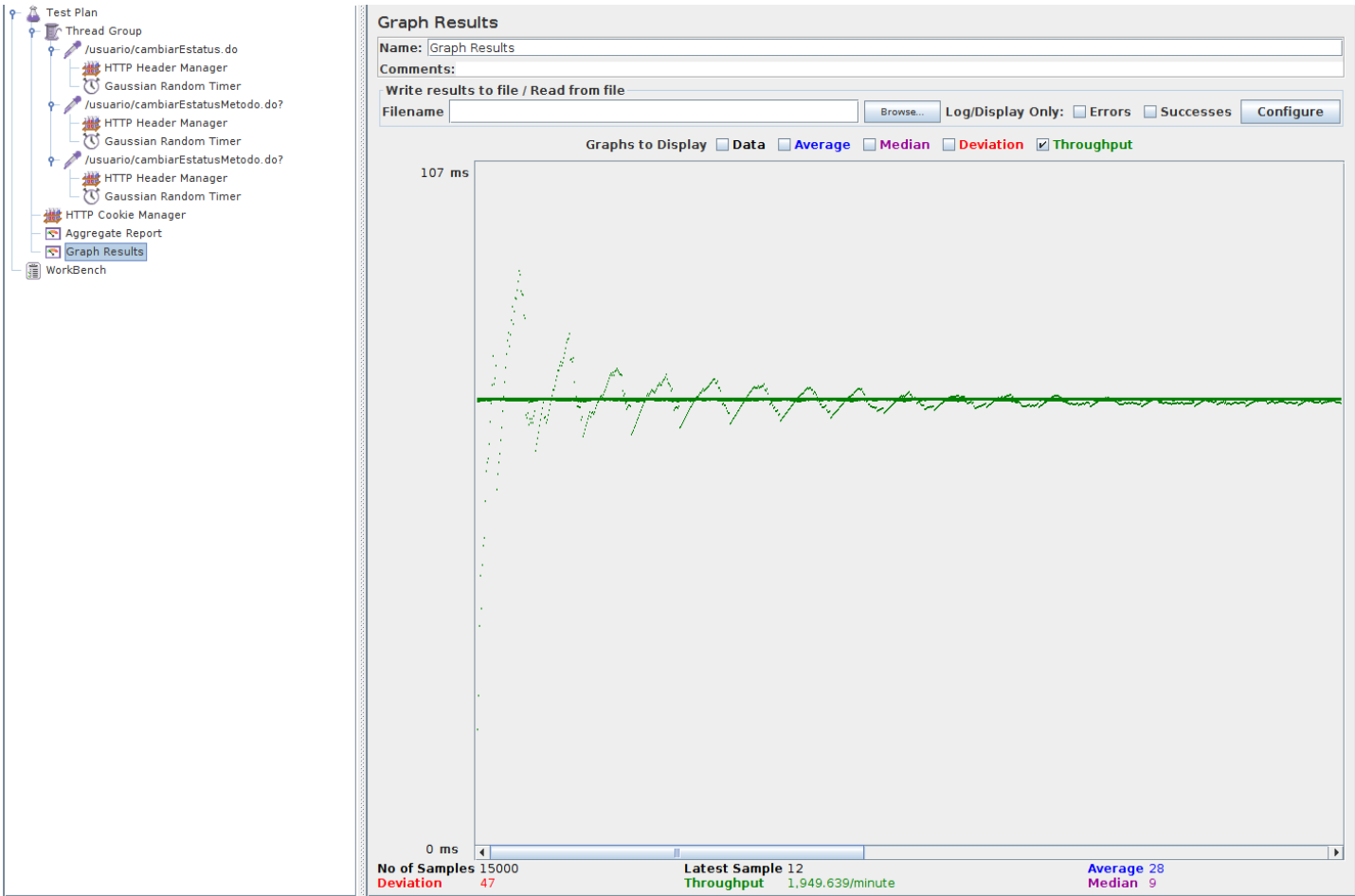


5.36 User Changes Status

5.36.1 Aggregate Result

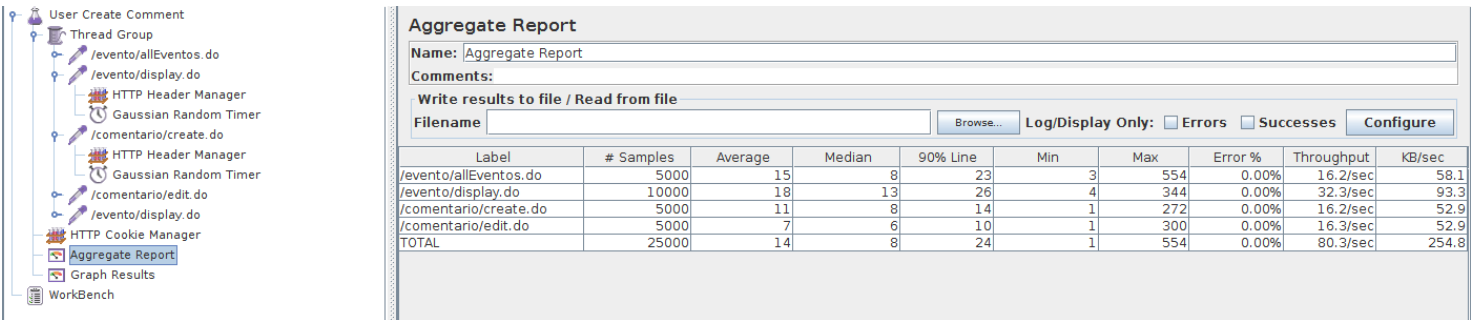


5.36.2 Graph Result

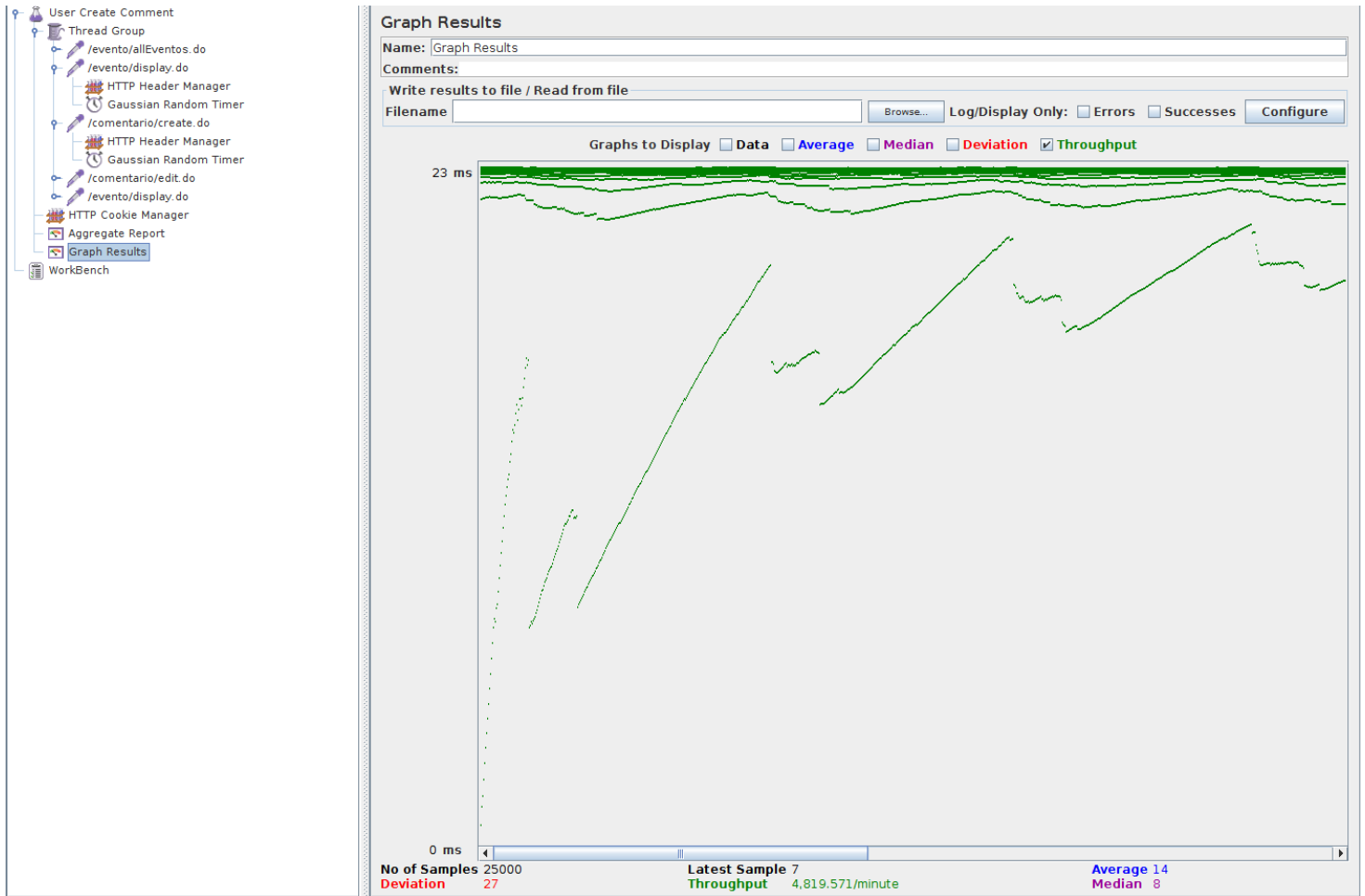


5.37 User Create Comment

5.37.1 Aggregate Result

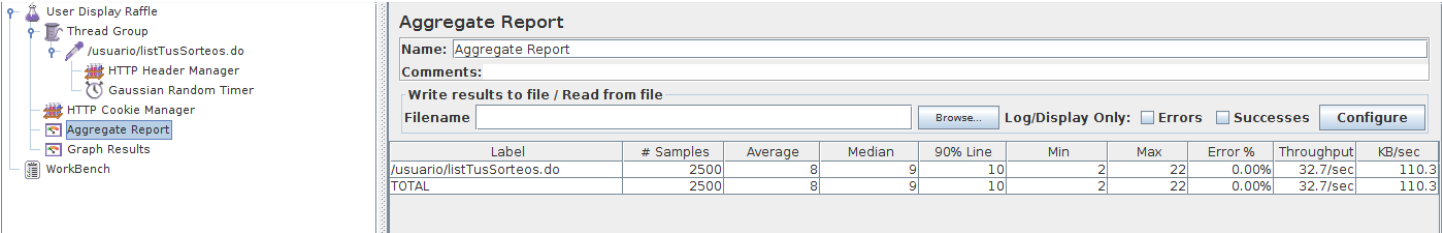


5.37.2 Graph Result

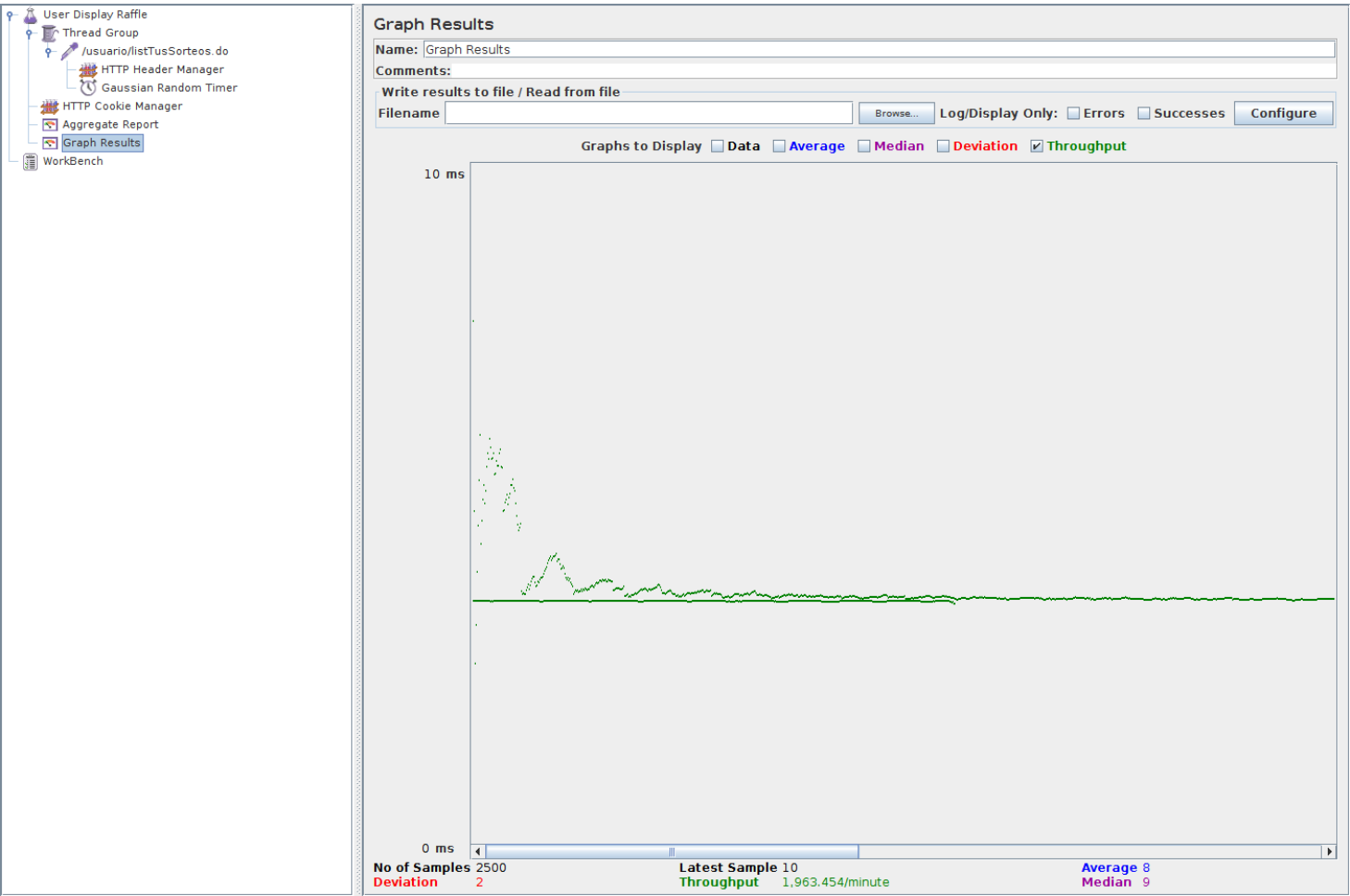


5.38 User Display Raffle

5.38.1 Aggregate Result

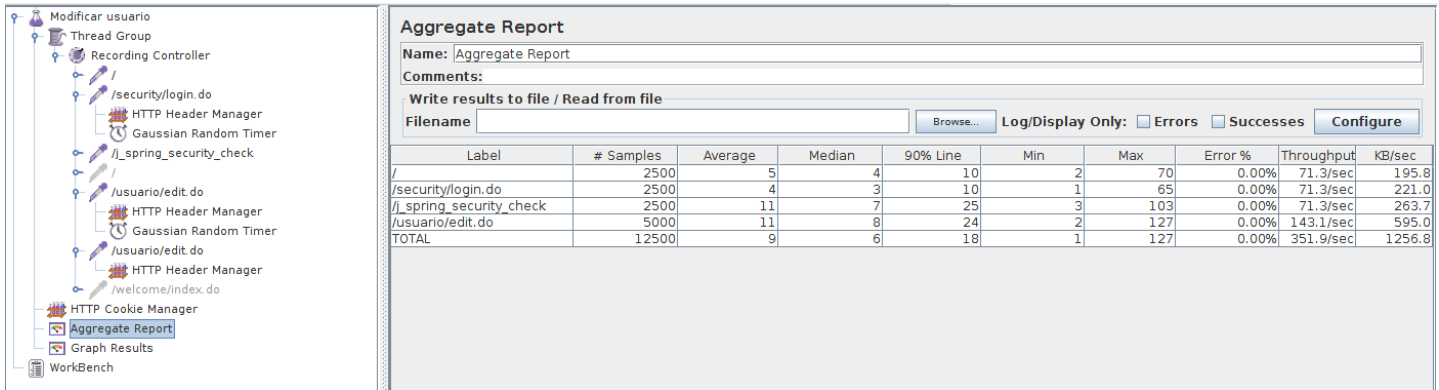


5.38.2 Graph Result

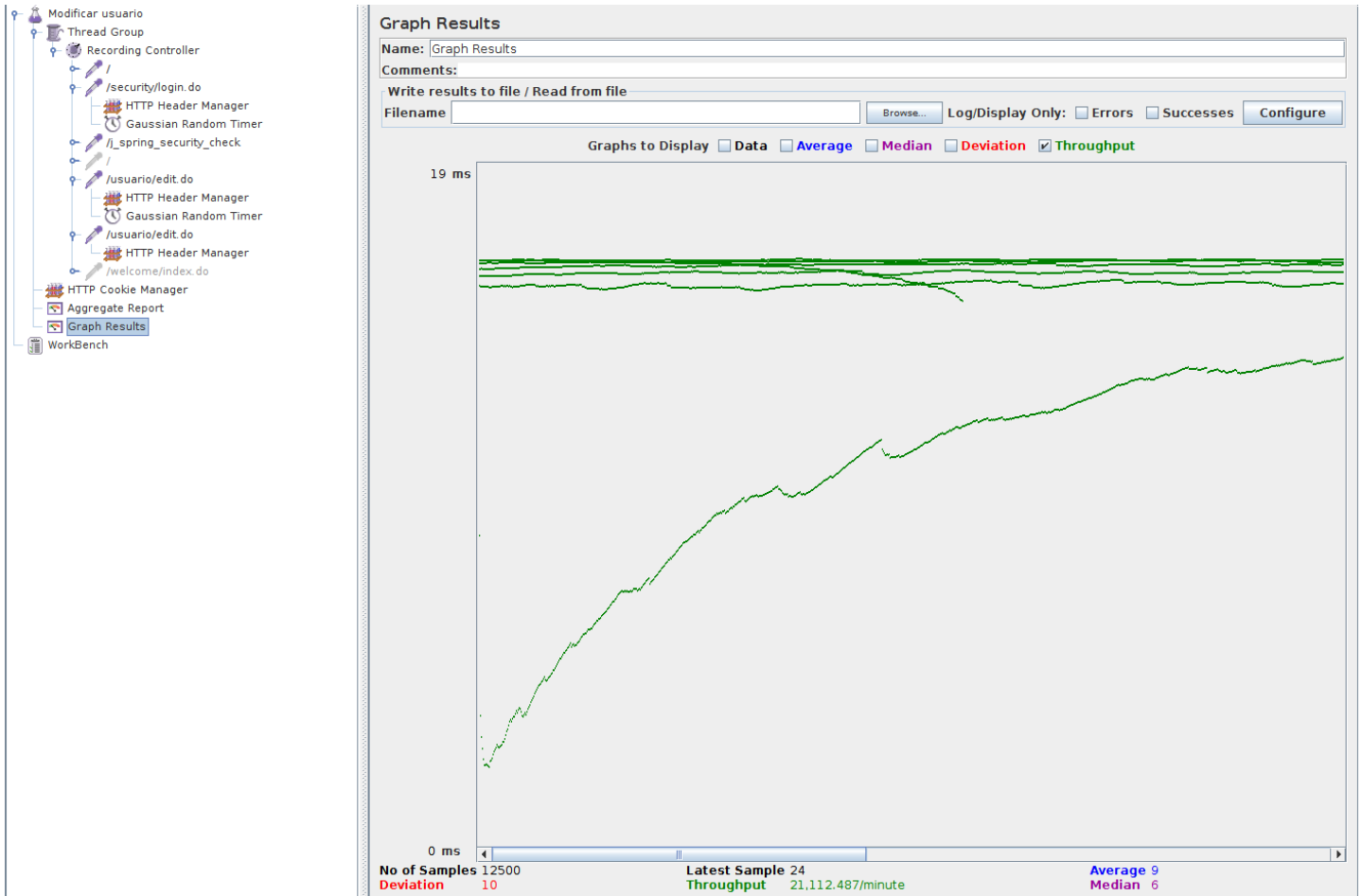


5.39 User Edit Profile Data

5.39.1 Aggregate Result

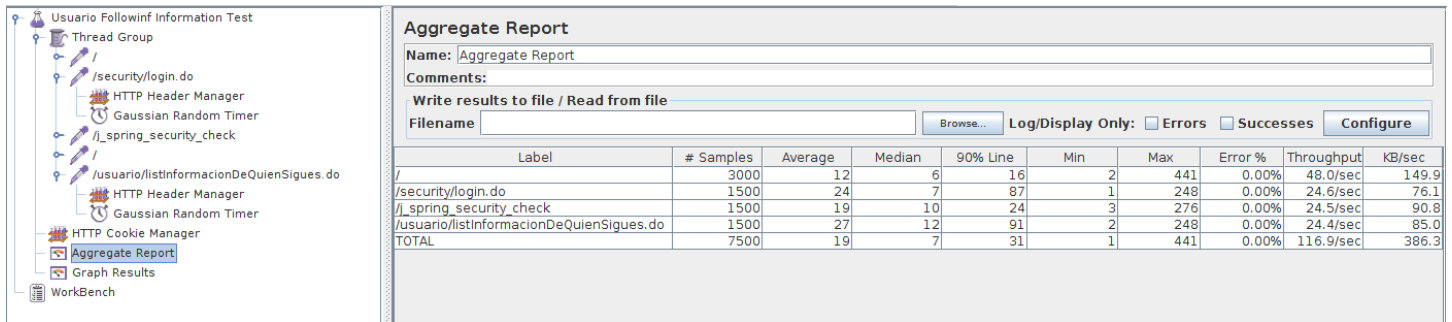


5.39.2 Graph Result

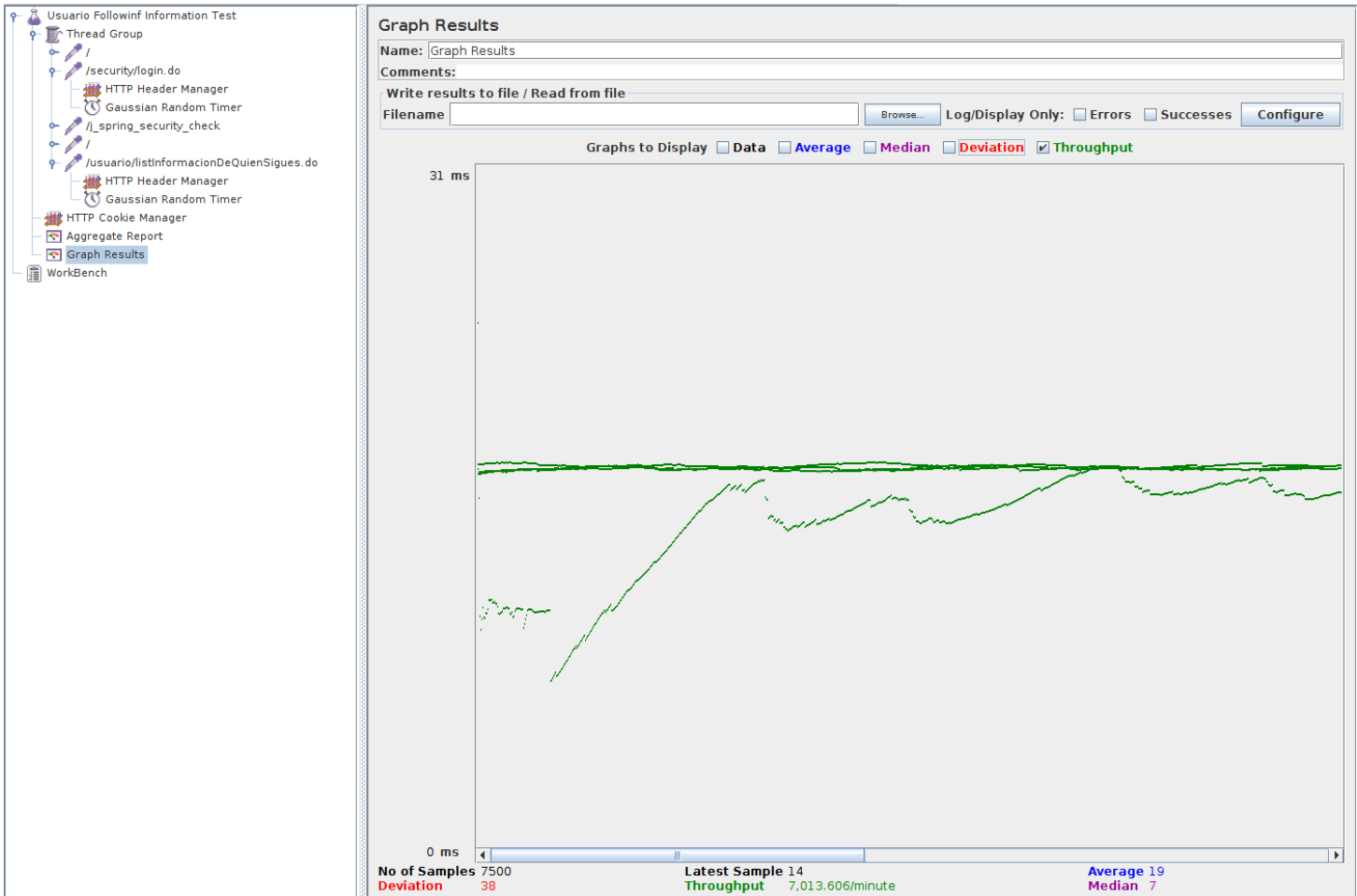


5.40 User Following Information

5.40.1 Aggregate Result

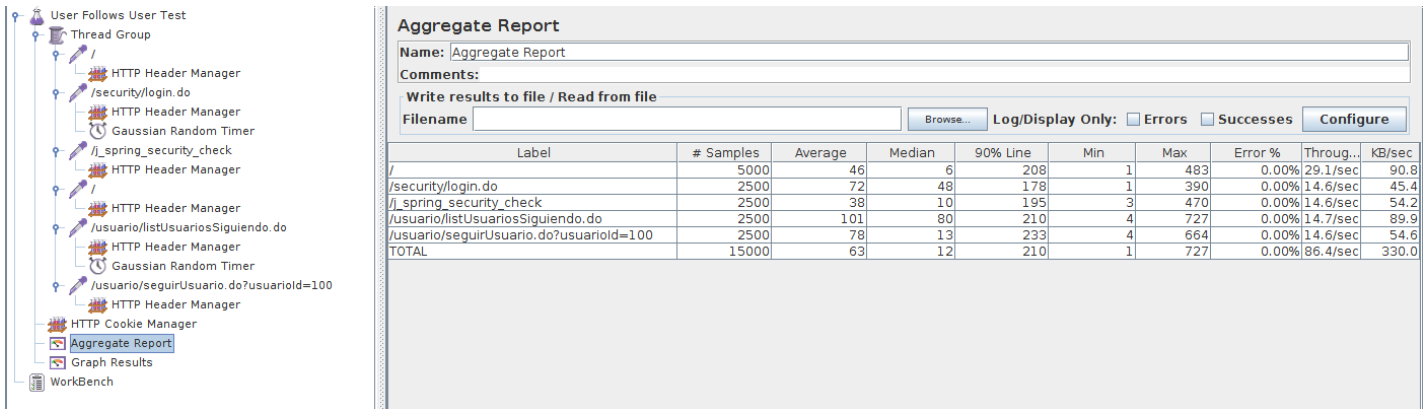


5.40.2 Graph Result

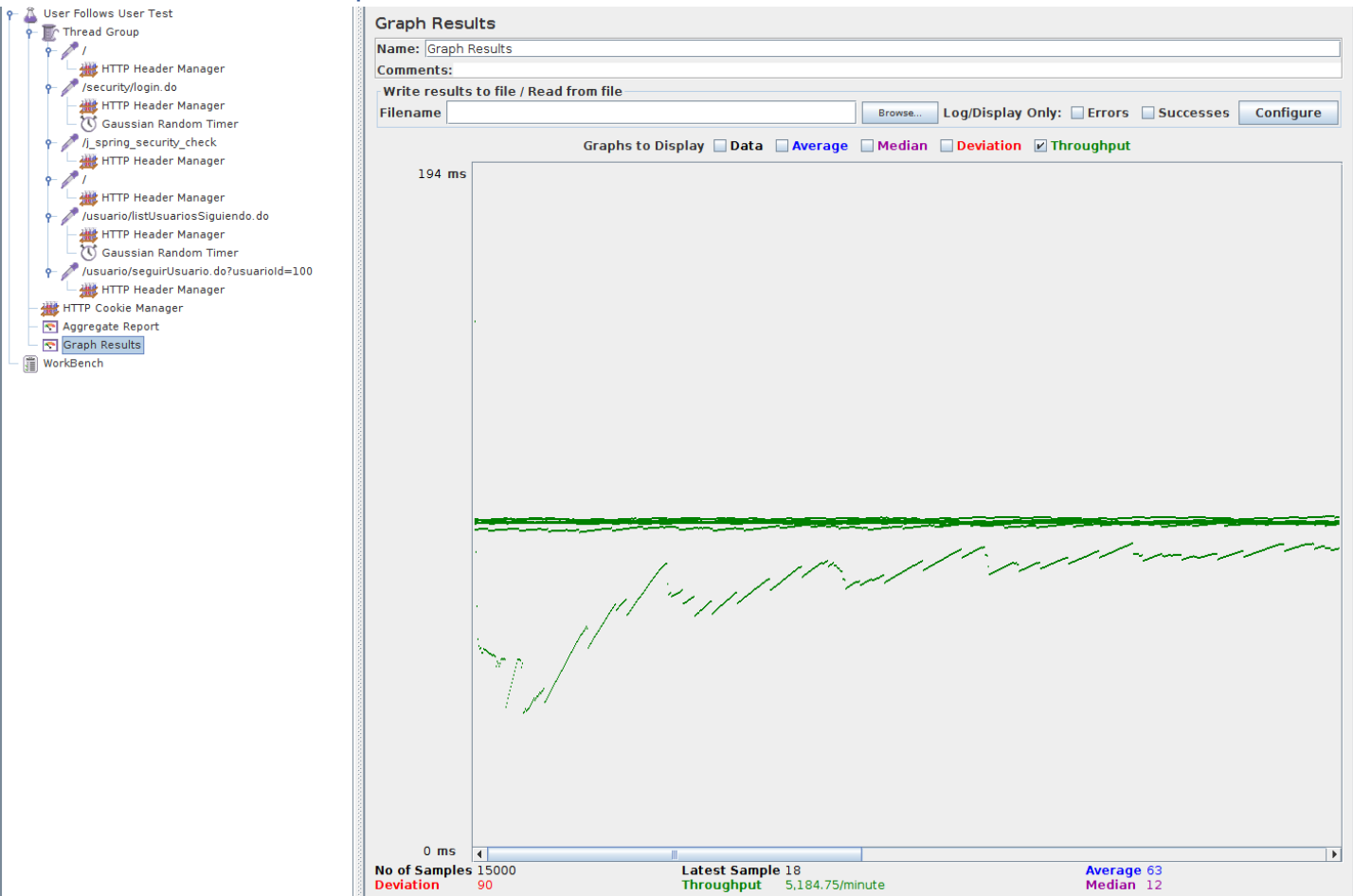


5.41 User Follows User

5.41.1 Aggregate Result

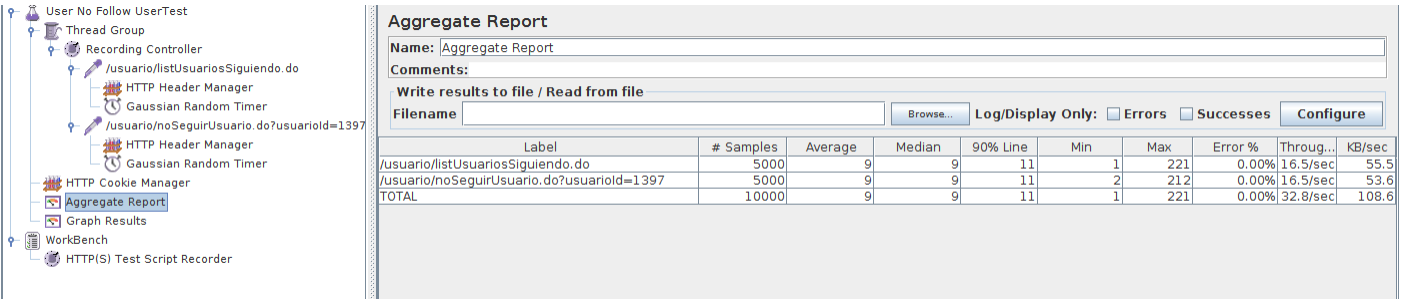


5.41.2 Graph Result

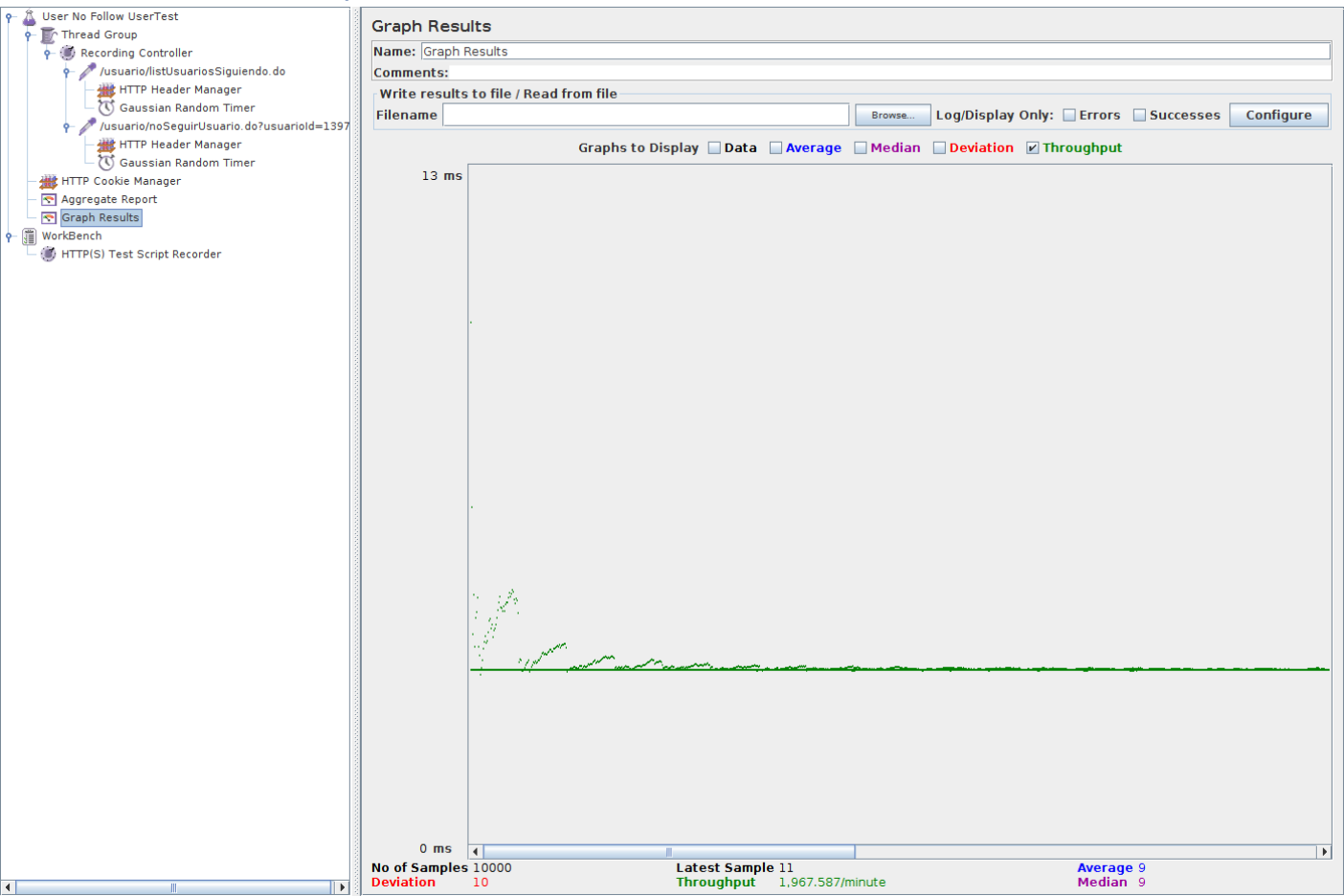


5.42 User Lefts Following User

5.42.1 Aggregate Result

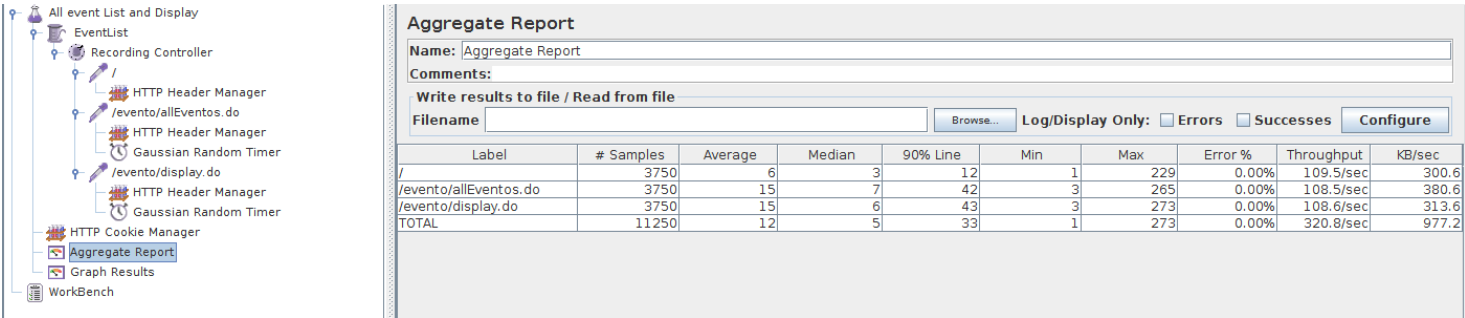


5.42.2 Graph Result

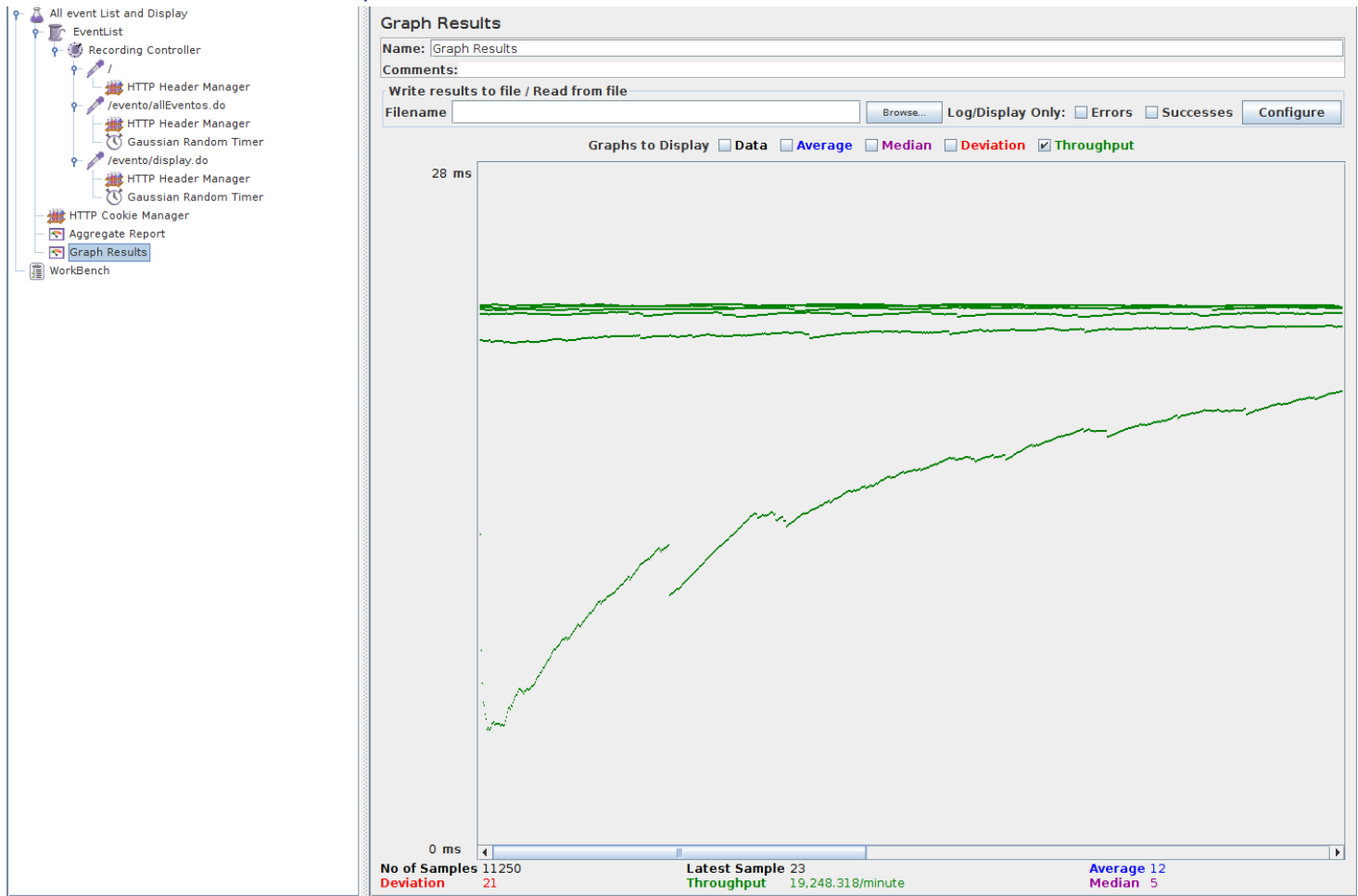


5.43 User List Display Event

5.43.1 Aggregate Result

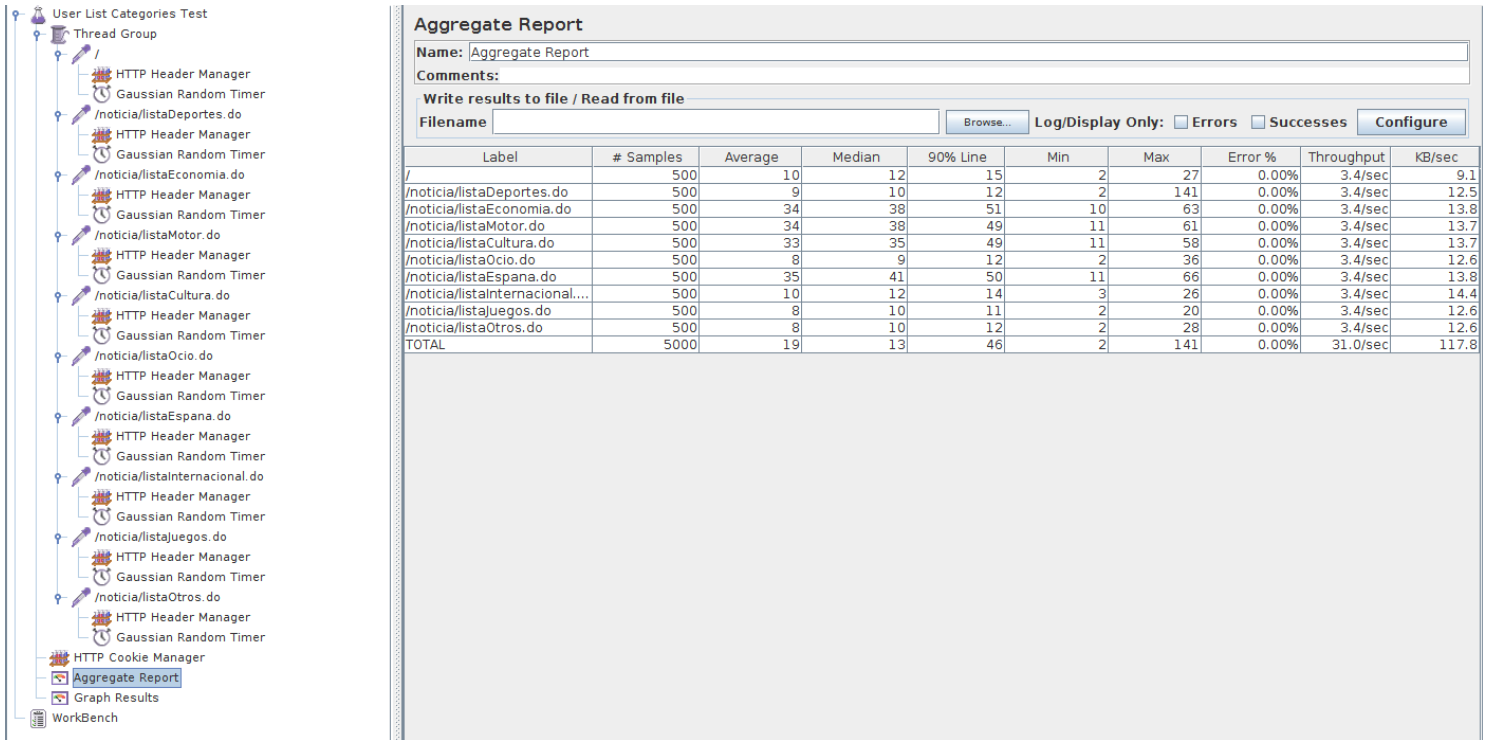


5.43.2 Graph Result

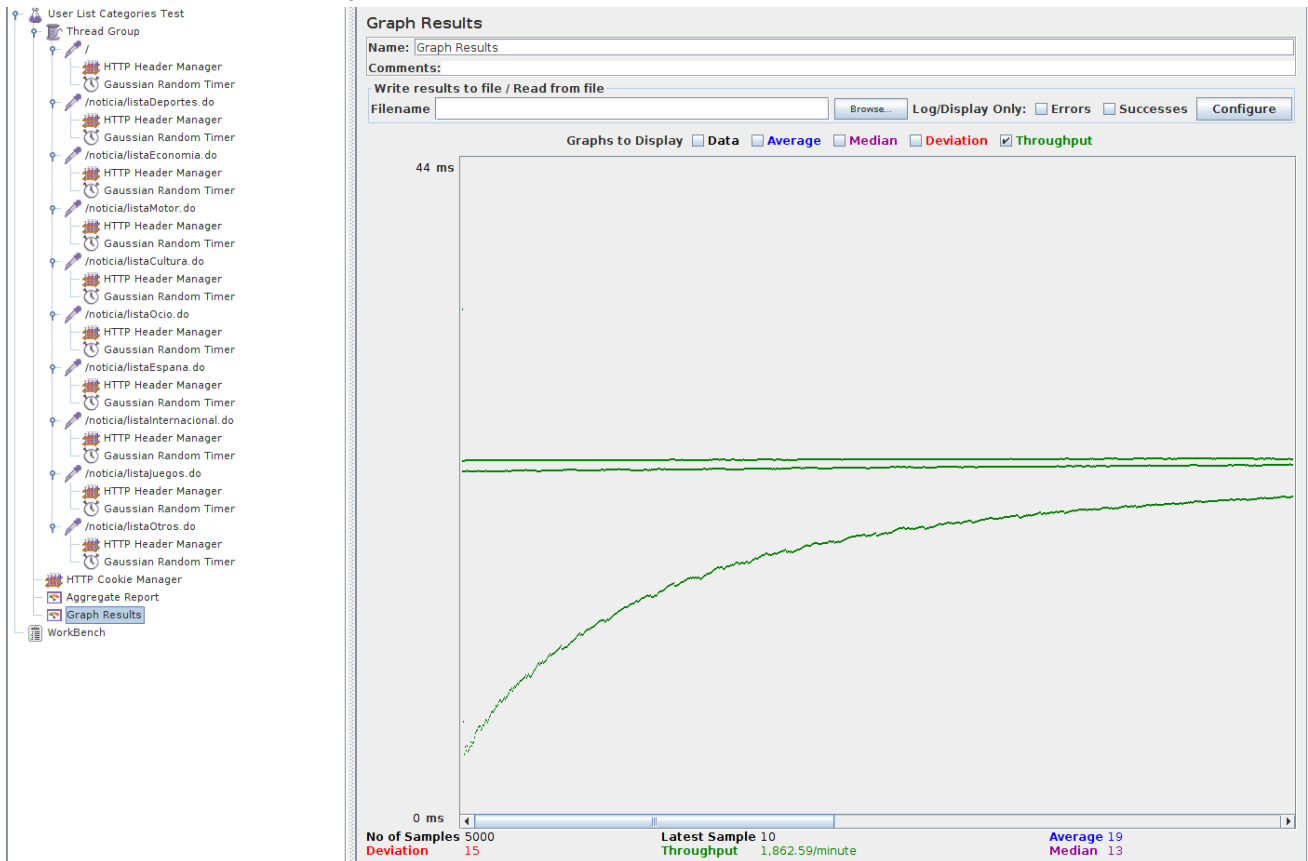


5.44 User List News Categories

5.44.1 Aggregate Result

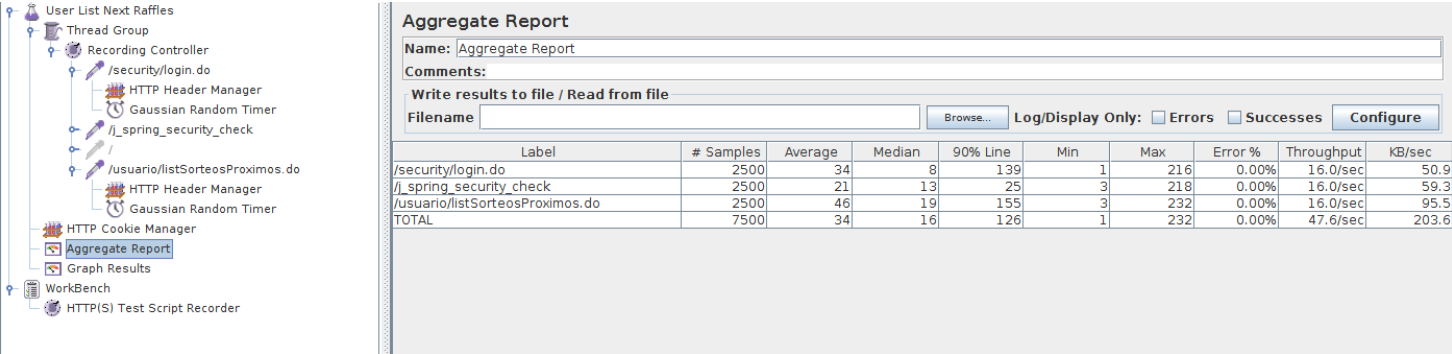


5.44.2 Graph Result

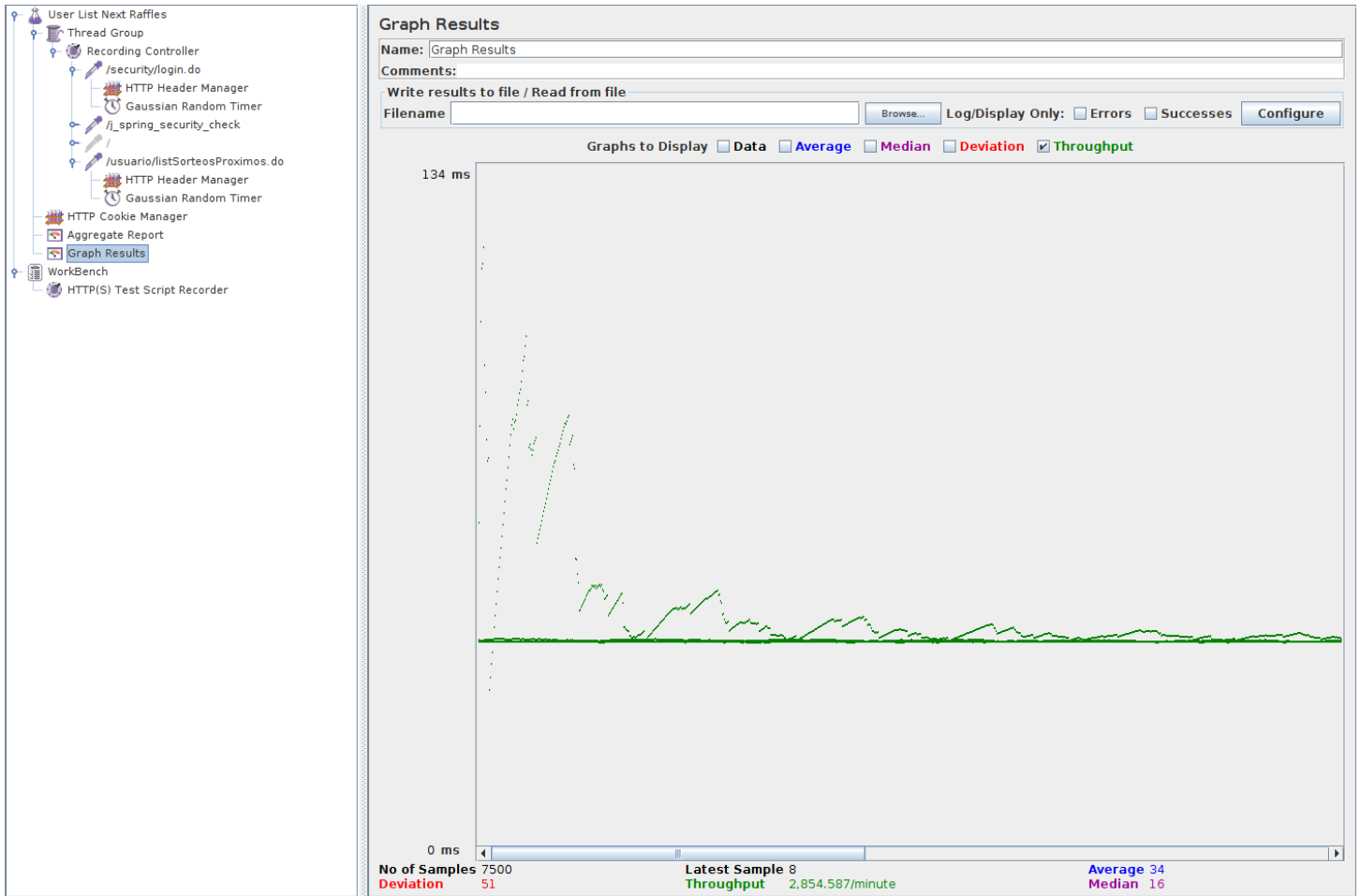


5.45 User List Next Raffles

5.45.1 Aggregate Result

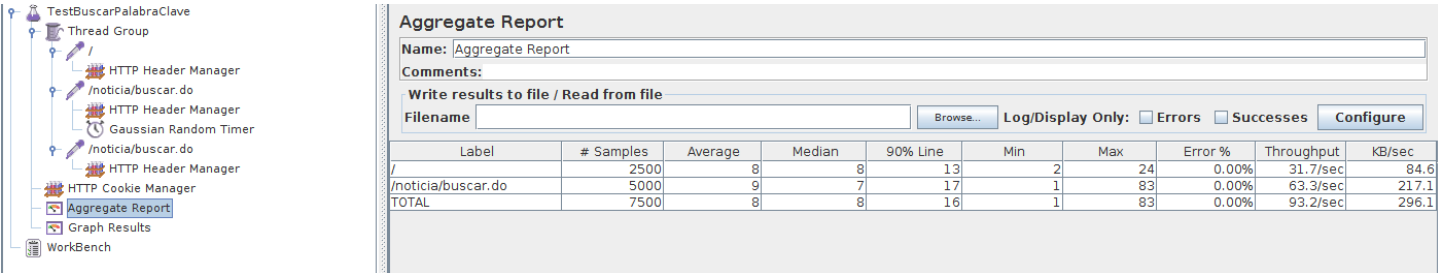


5.45.2 Graph Result

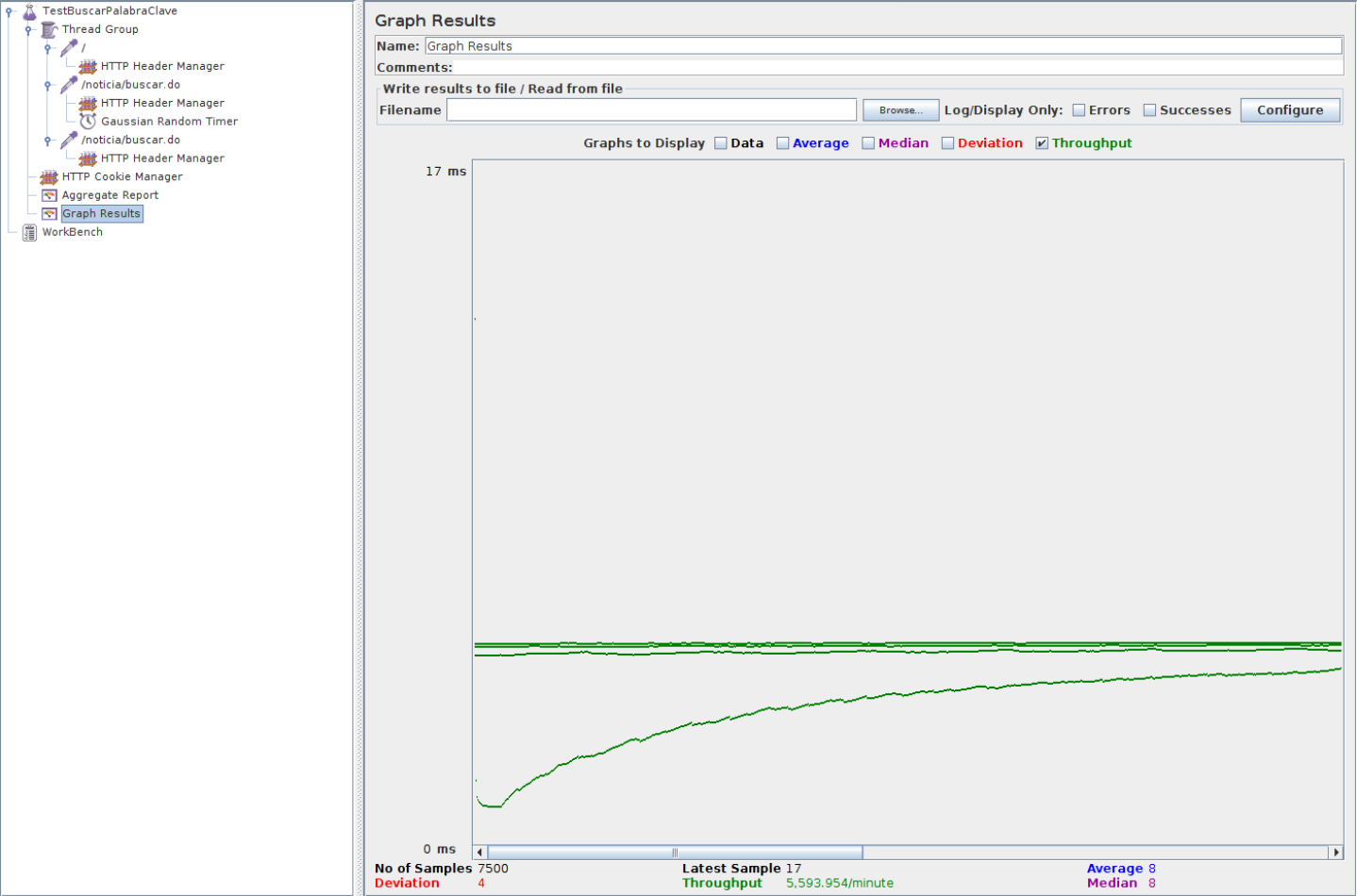


5.46 User Looking Key Word

5.46.1 Aggregate Result

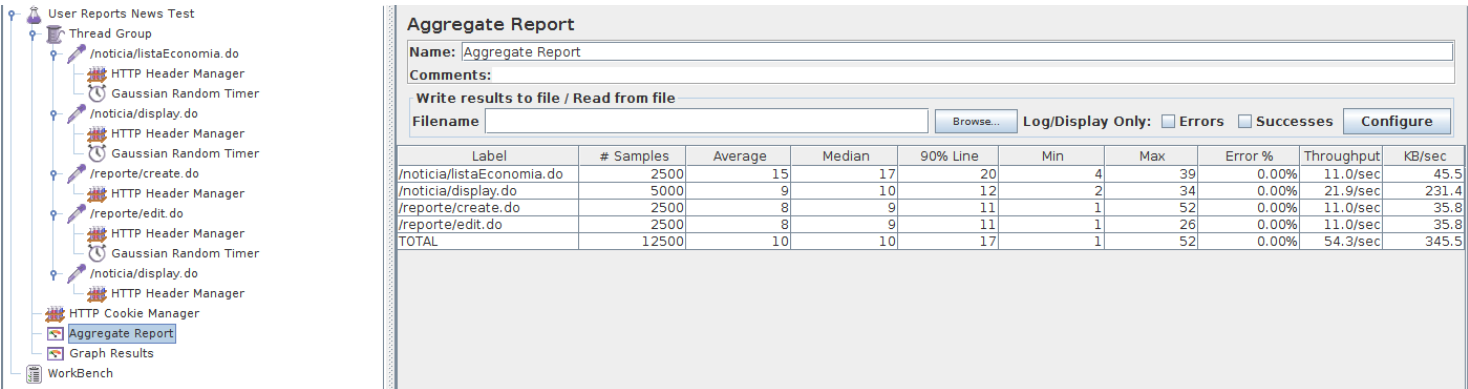


5.46.2 Graph Result

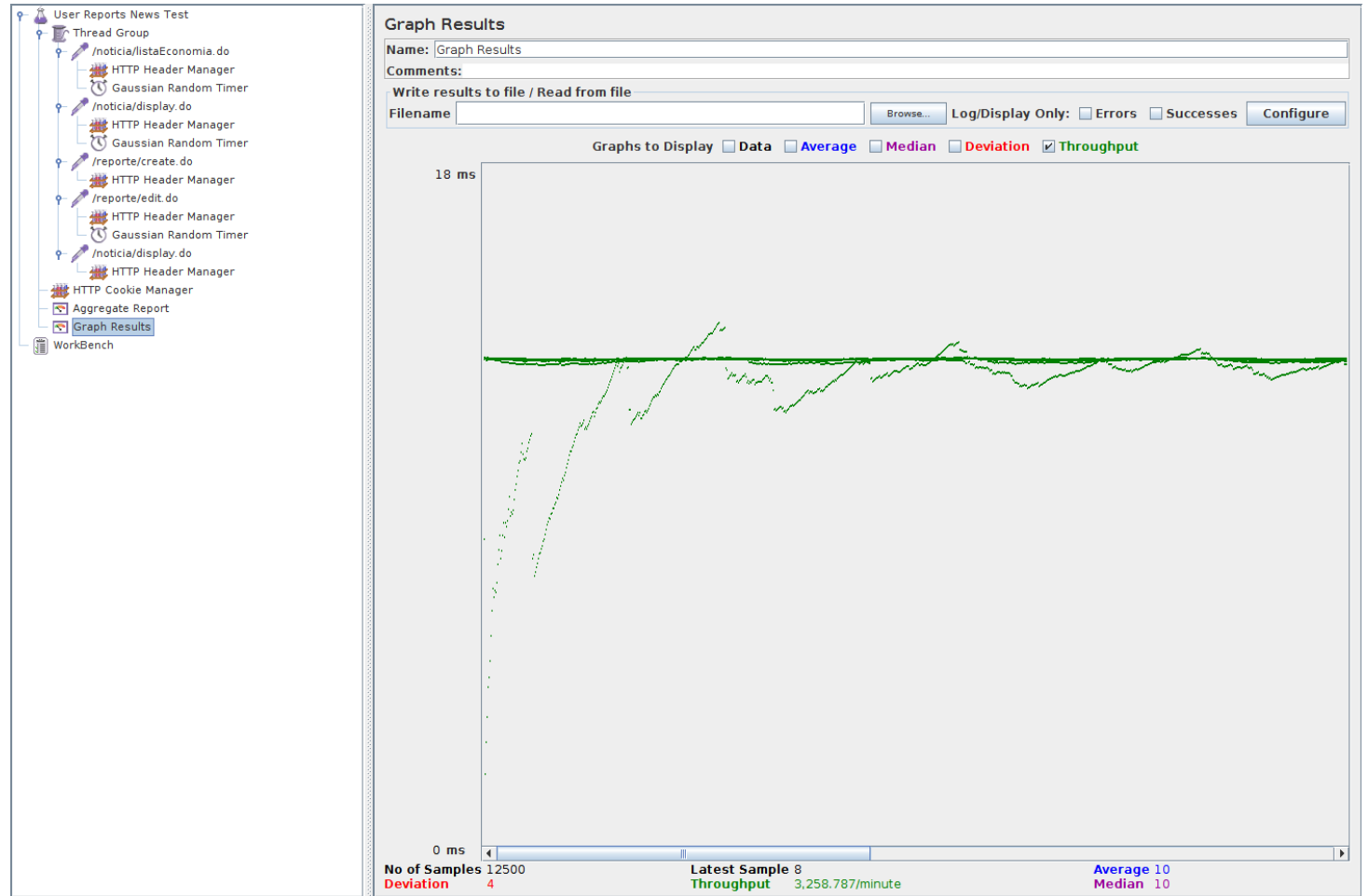


5.47 User Reports News

5.47.1 Aggregate Result

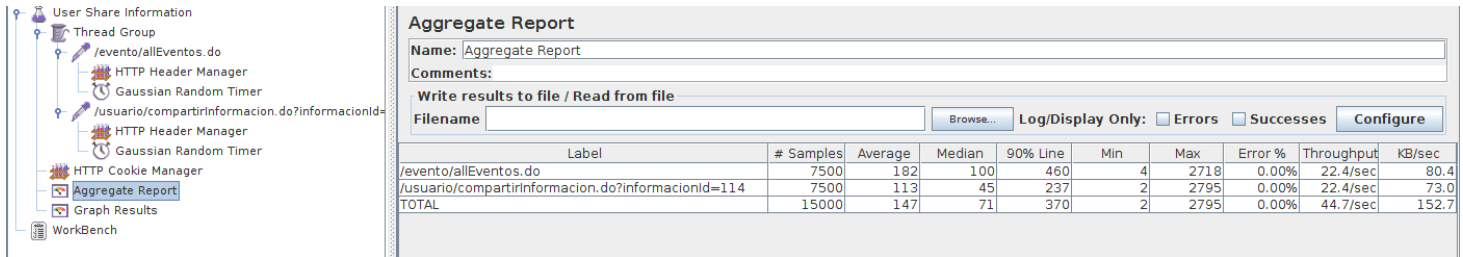


5.47.2 Graph Result



5.48 User Shares Information

5.48.1 Aggregate Result



5.48.2 Graph Result

