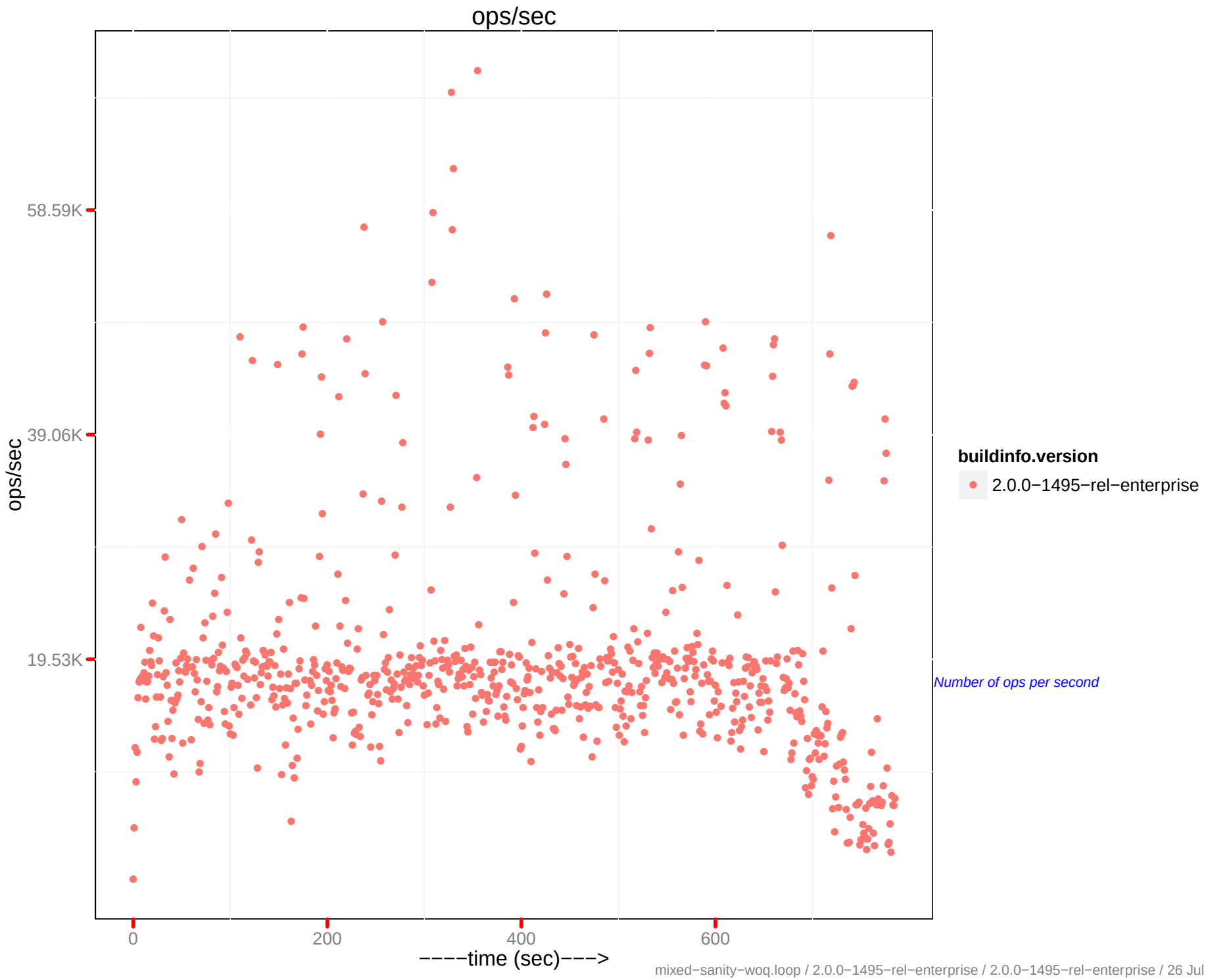
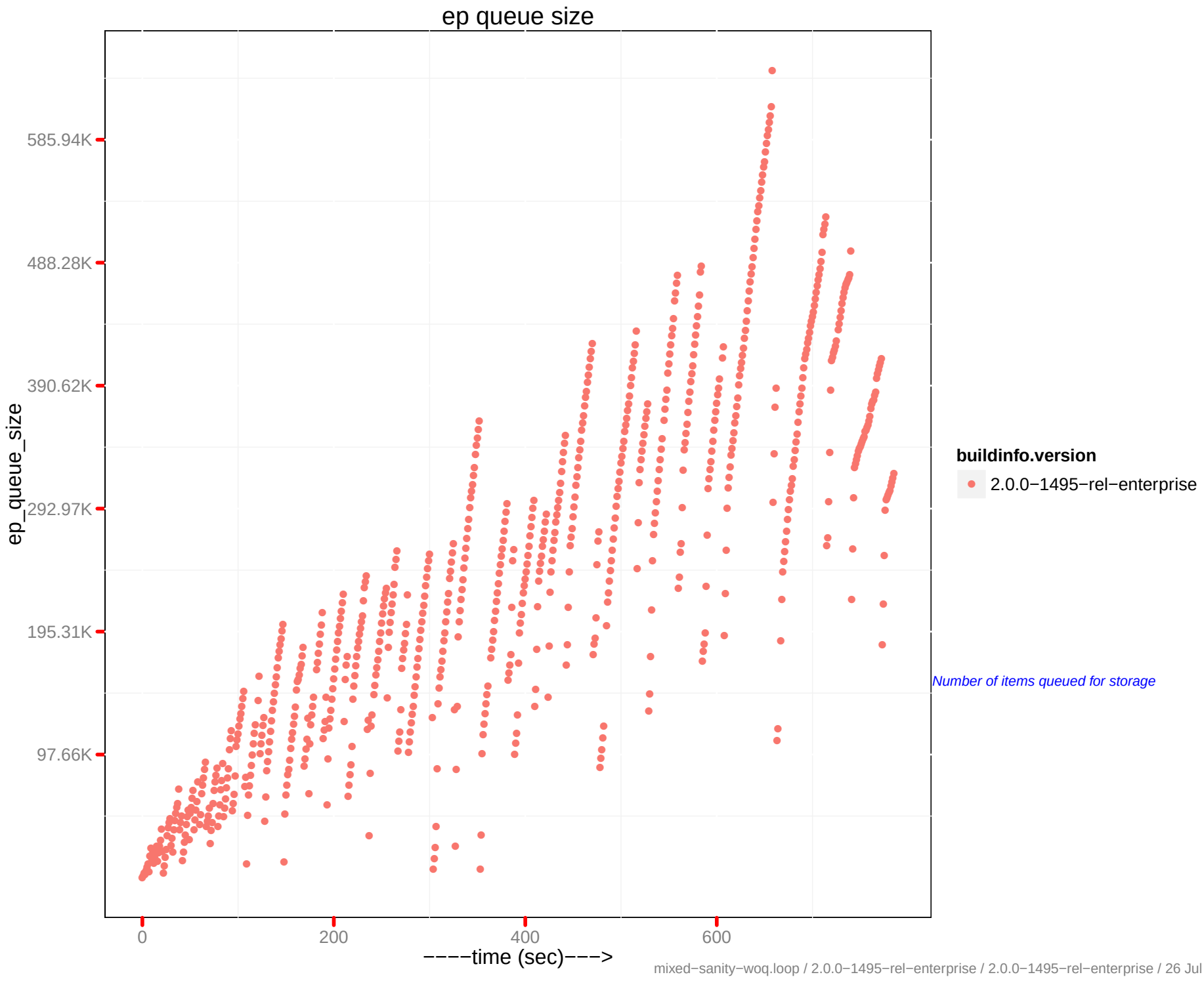
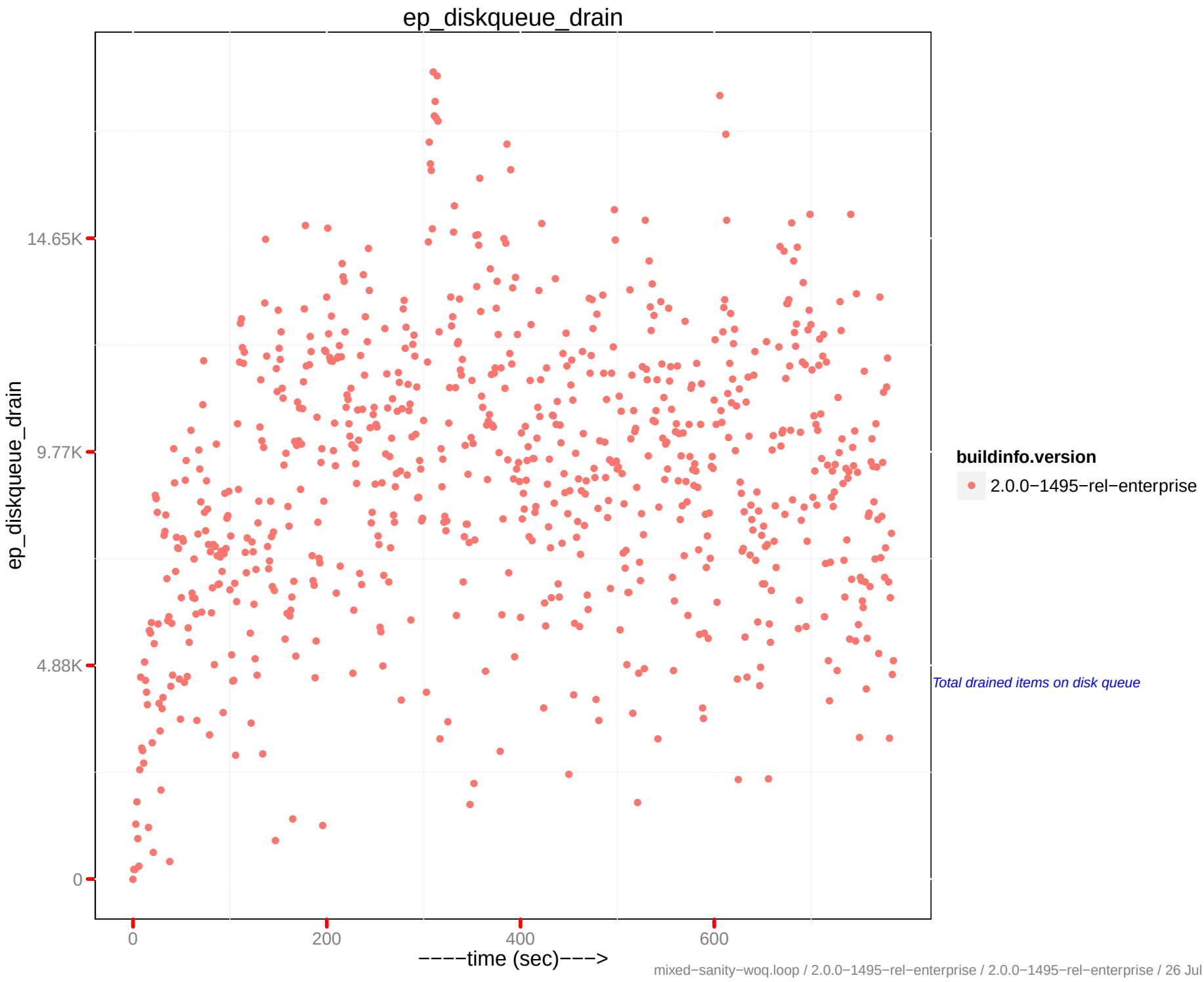
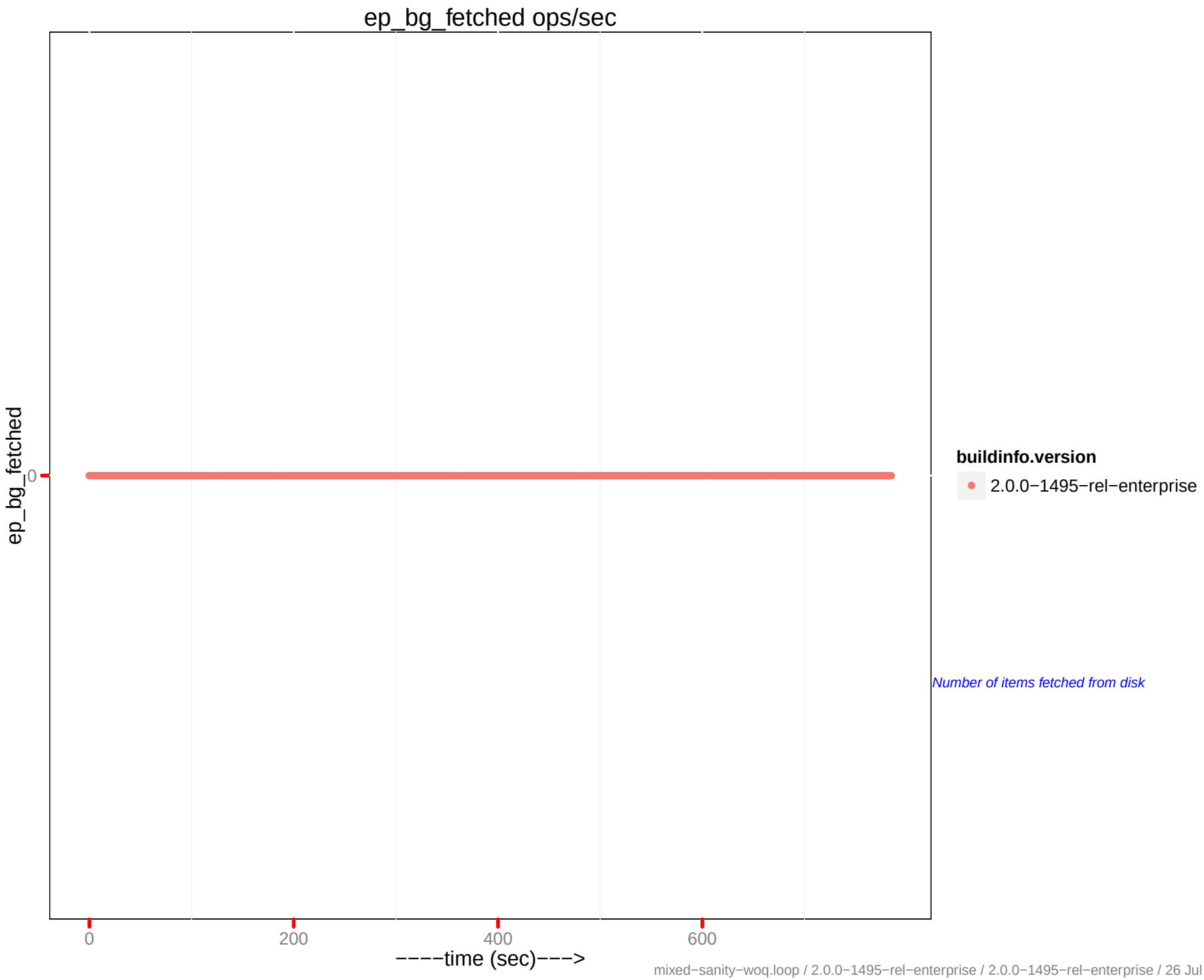
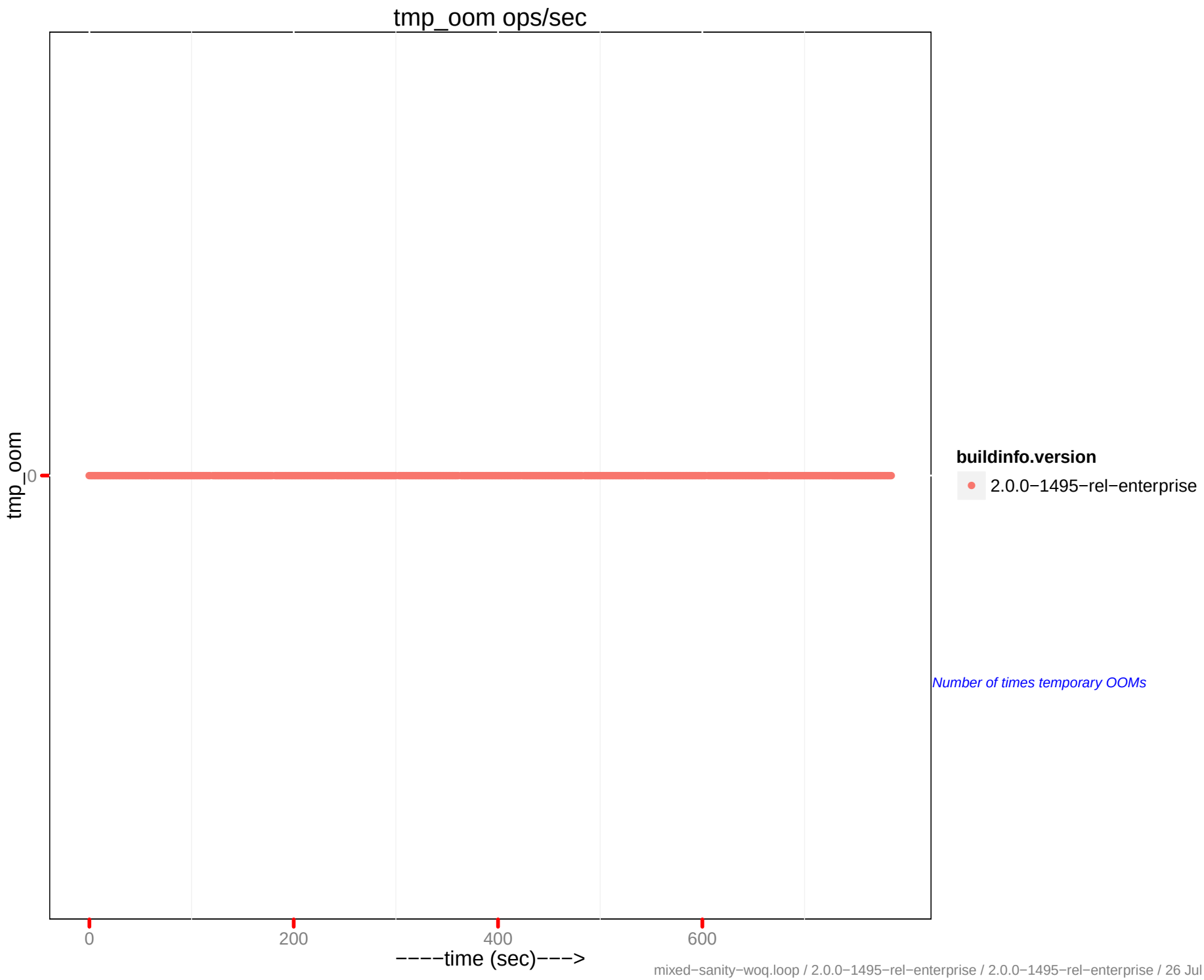
	2.0.0 − 1495	2.0.0 − 1495
Runtime (in hr)	0.22	NA
Avg. Drain Rate	9.17K	NANA
Peak Disk (GB)	5.92	NA
Peak Memory (GB)	3.55	NA
Avg. OPS	19.20K	NANA
Avg. mem memcached (GB)	2.01	NA
Avg. mem beam.smp (MB)	342.63	NA
Latency−get (90th) (ms)	1.26	NA
Latency−get (95th) (ms)	2.22	NA
Latency−get (99th) (ms)	4.42	NA
Latency−set (90th) (ms)	1.29	NA
Latency−set (95th) (ms)	2.35	NA
Latency−set (99th) (ms)	5.45	NA
Latency−query (80th) (ms)	NA	NA
Latency−query (90th) (ms)	NA	NA
Latency−query (95th) (ms)	NA	NA
Latency−query (99th) (ms)	NA	NA
Latency−query (99.9th) (ms)	NA	NA
Avg. QPS	0	NA
Rebalance Time (sec)	0	NA
Testrunner Version	d0053cc	NA

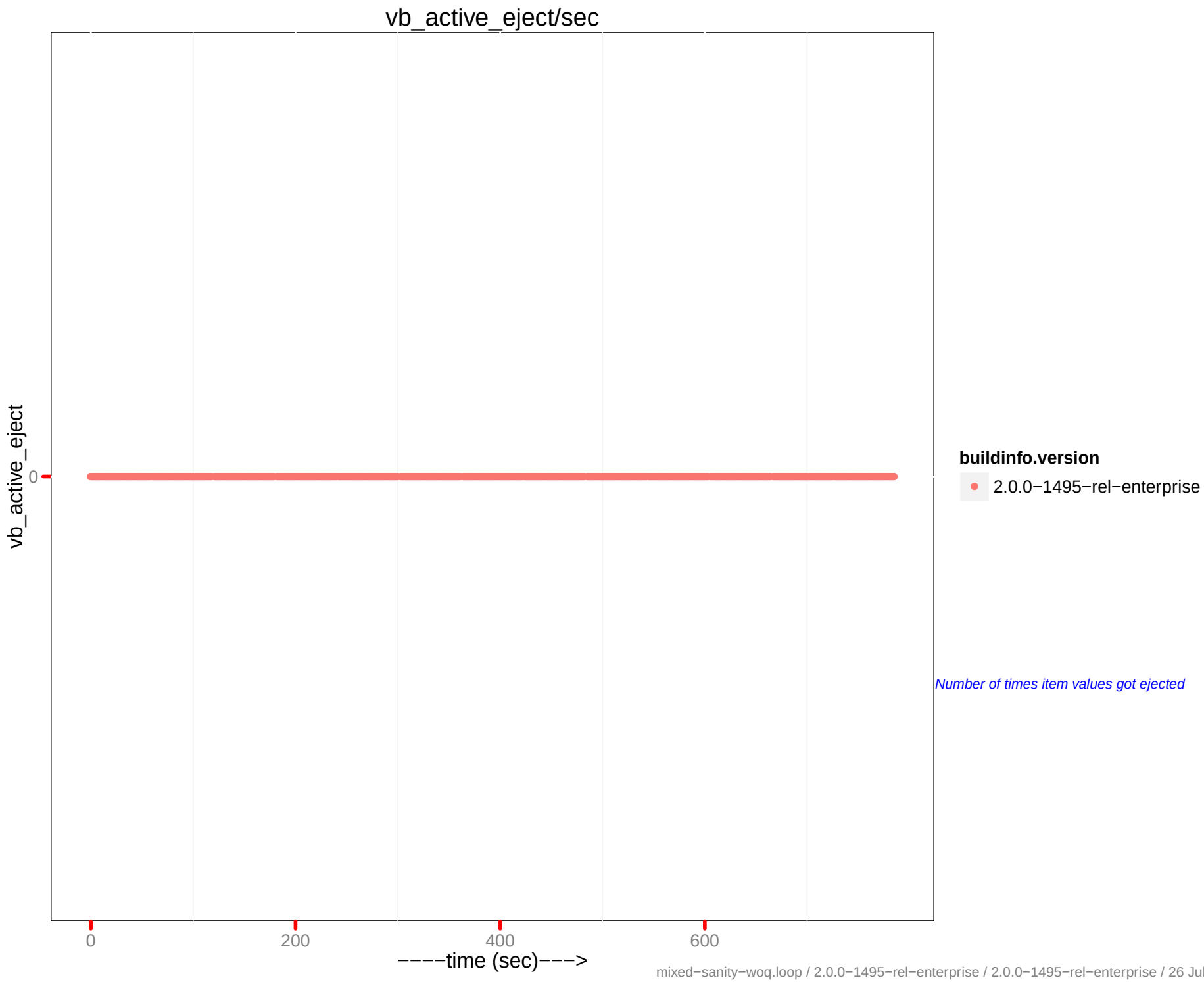

ops/sec
58.59K
39.06K
19.53K
ops/sec
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of ops per second
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

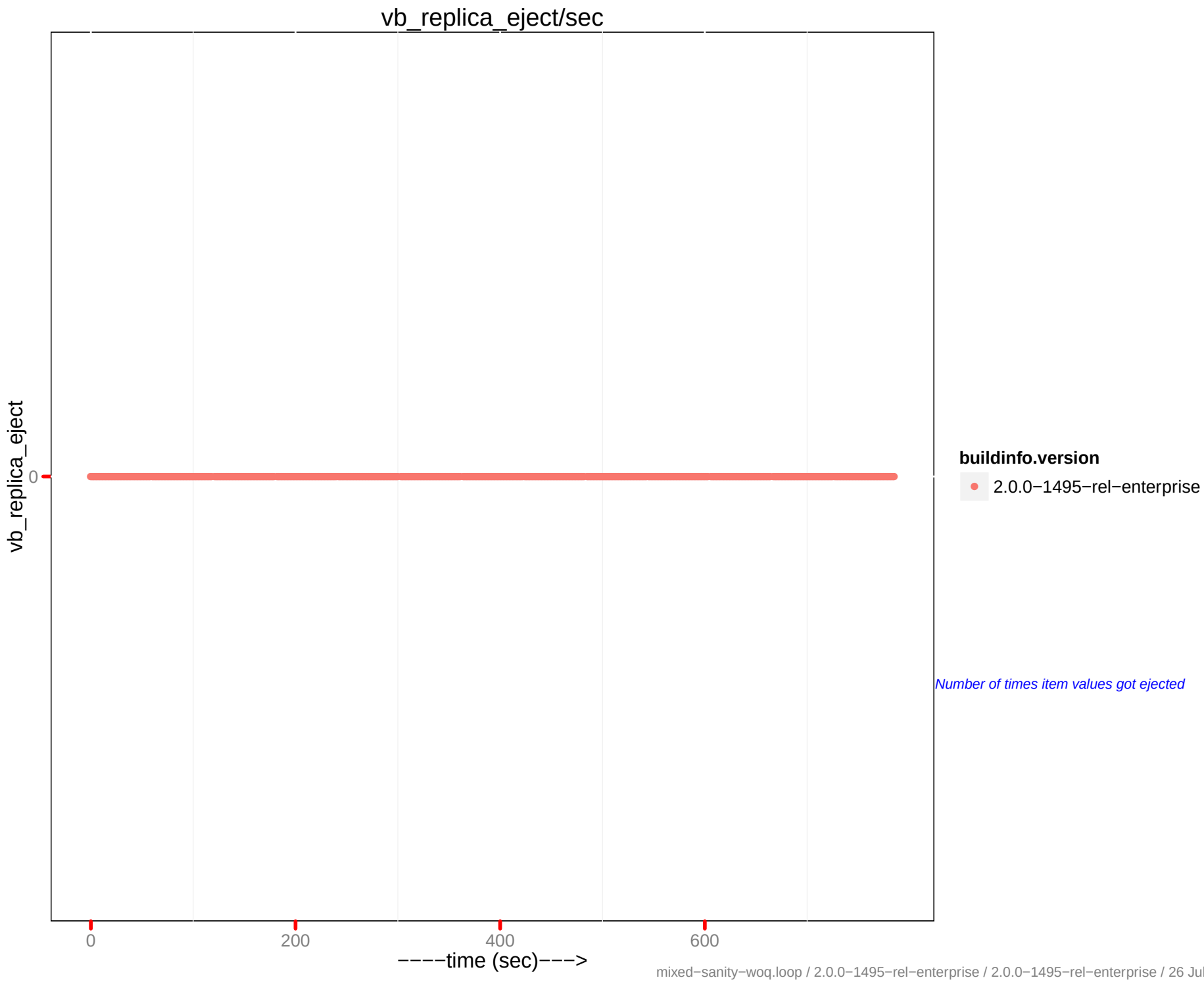

ep queue size
585.94K
488.28K
390.62K
292.97K
195.31K
97.66K
ep_queue_size
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of items queued for storage
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

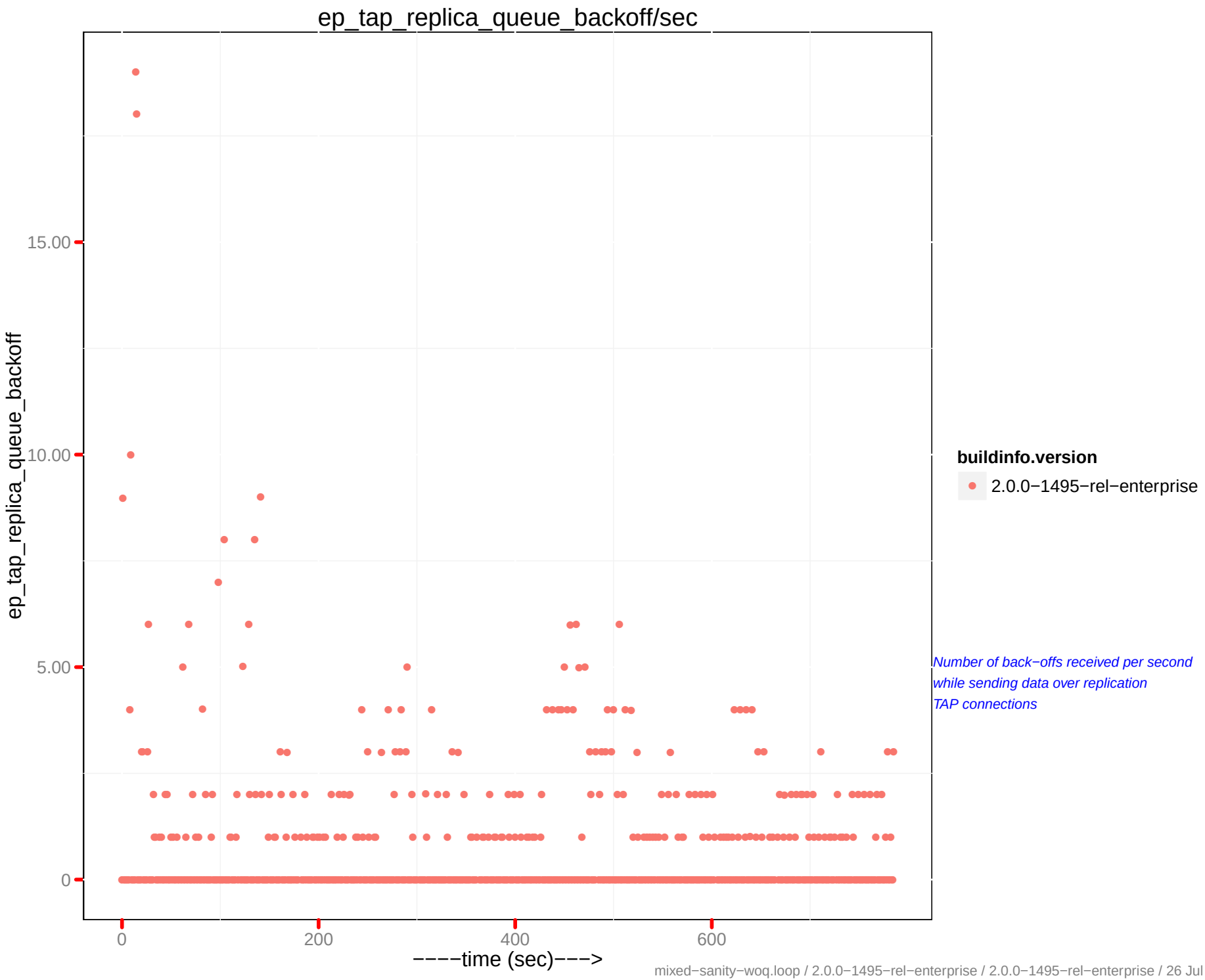

ep_diskqueue_drain
14.65K
9.77K
4.88K
0
ep_diskqueue_drain
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Total drained items on disk queue
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

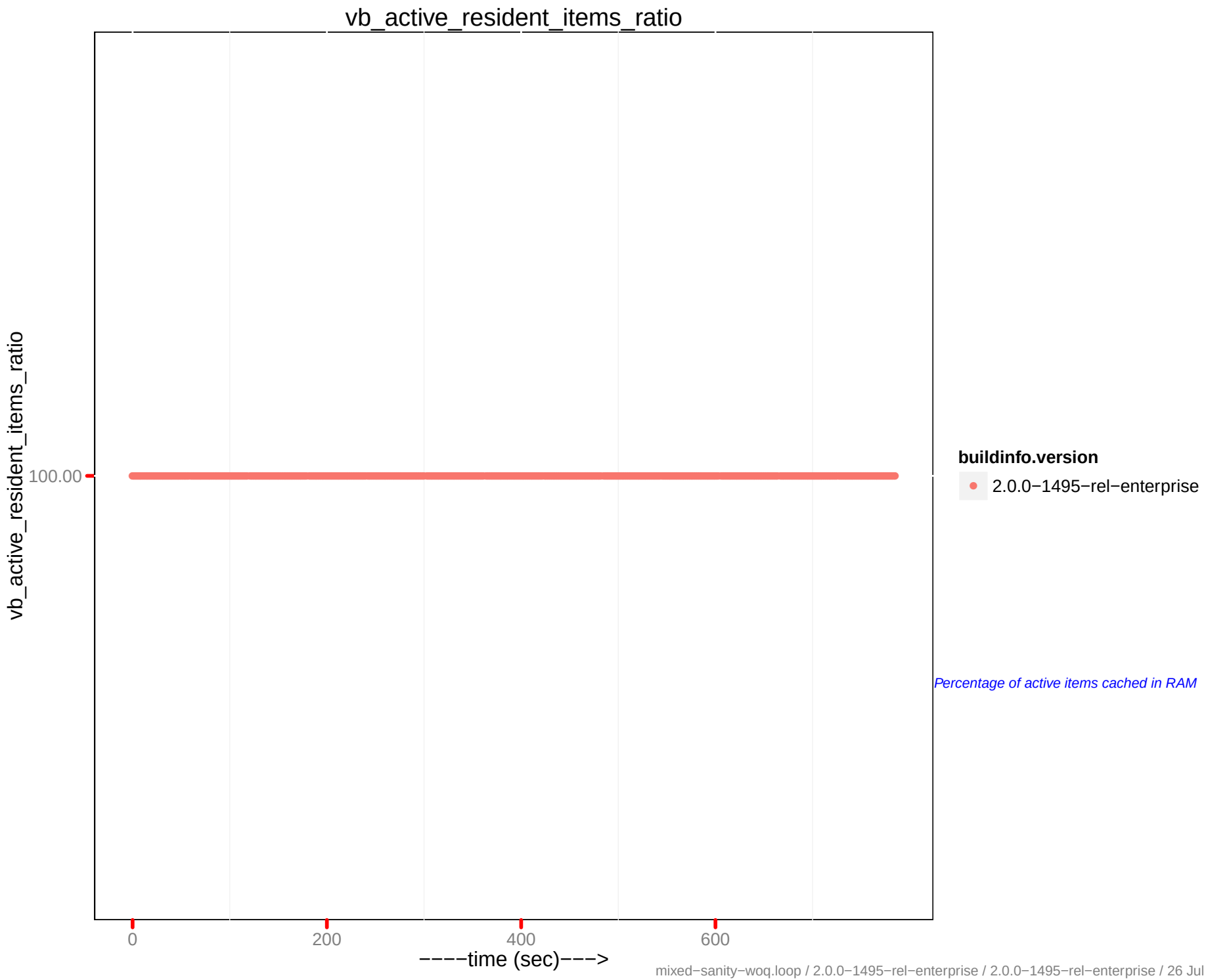

ep_bg_fetched ops/sec
ep_bg_fetched
0
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of items fetched from disk
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

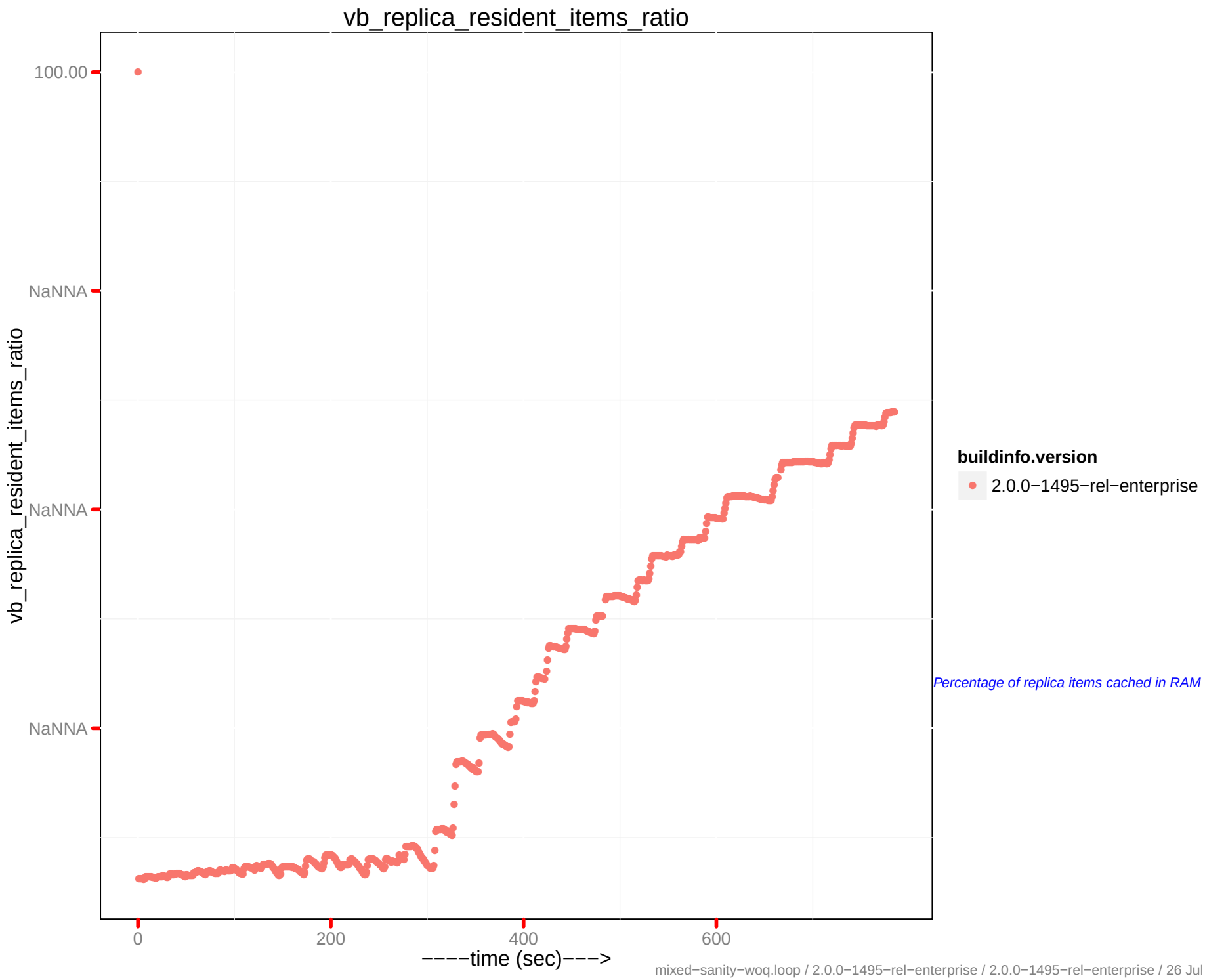

tmp_oom ops/sec
tmp_oom
0
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of times temporary OOMs
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

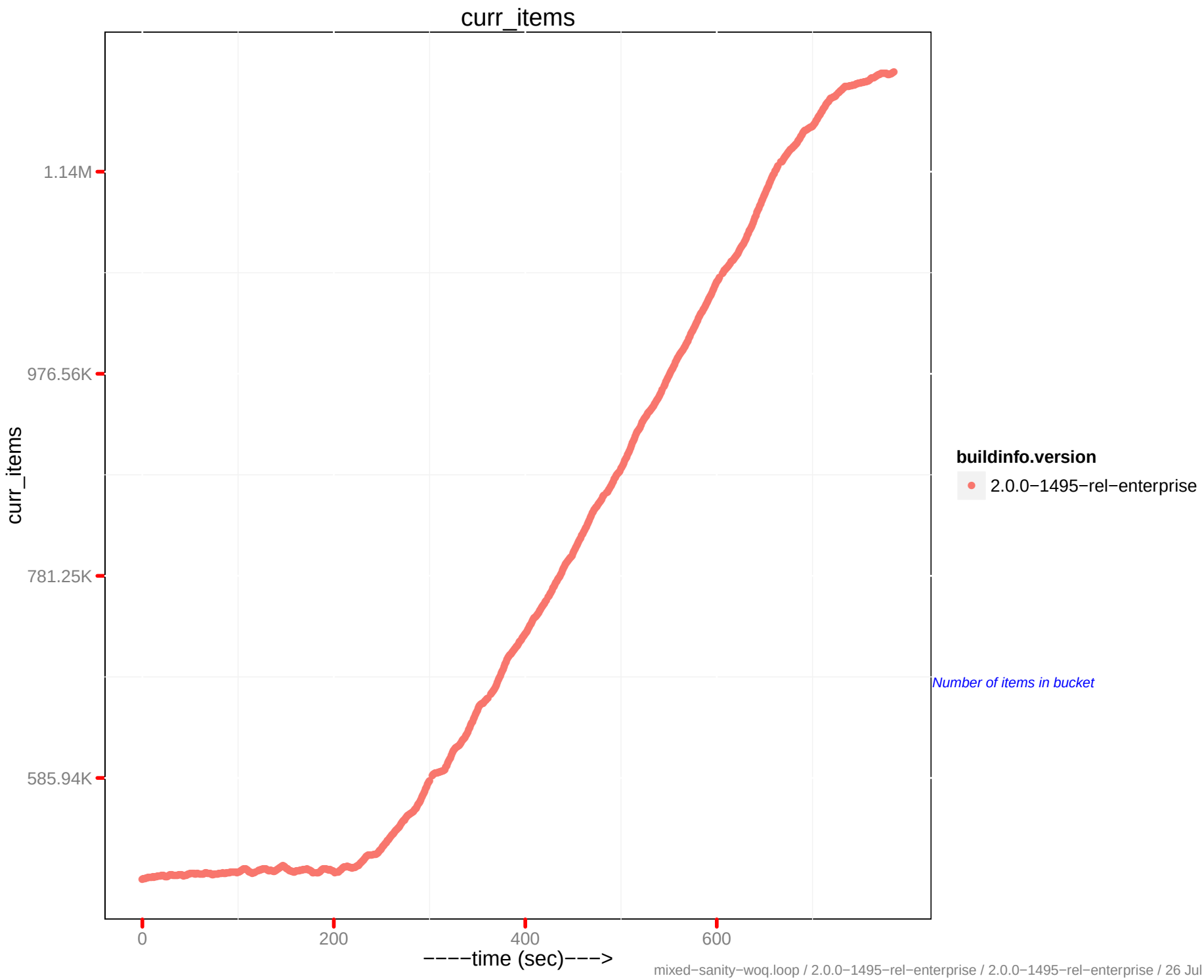

vb_active_eject/sec
vb_active_eject
0
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of times item values got ejected
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

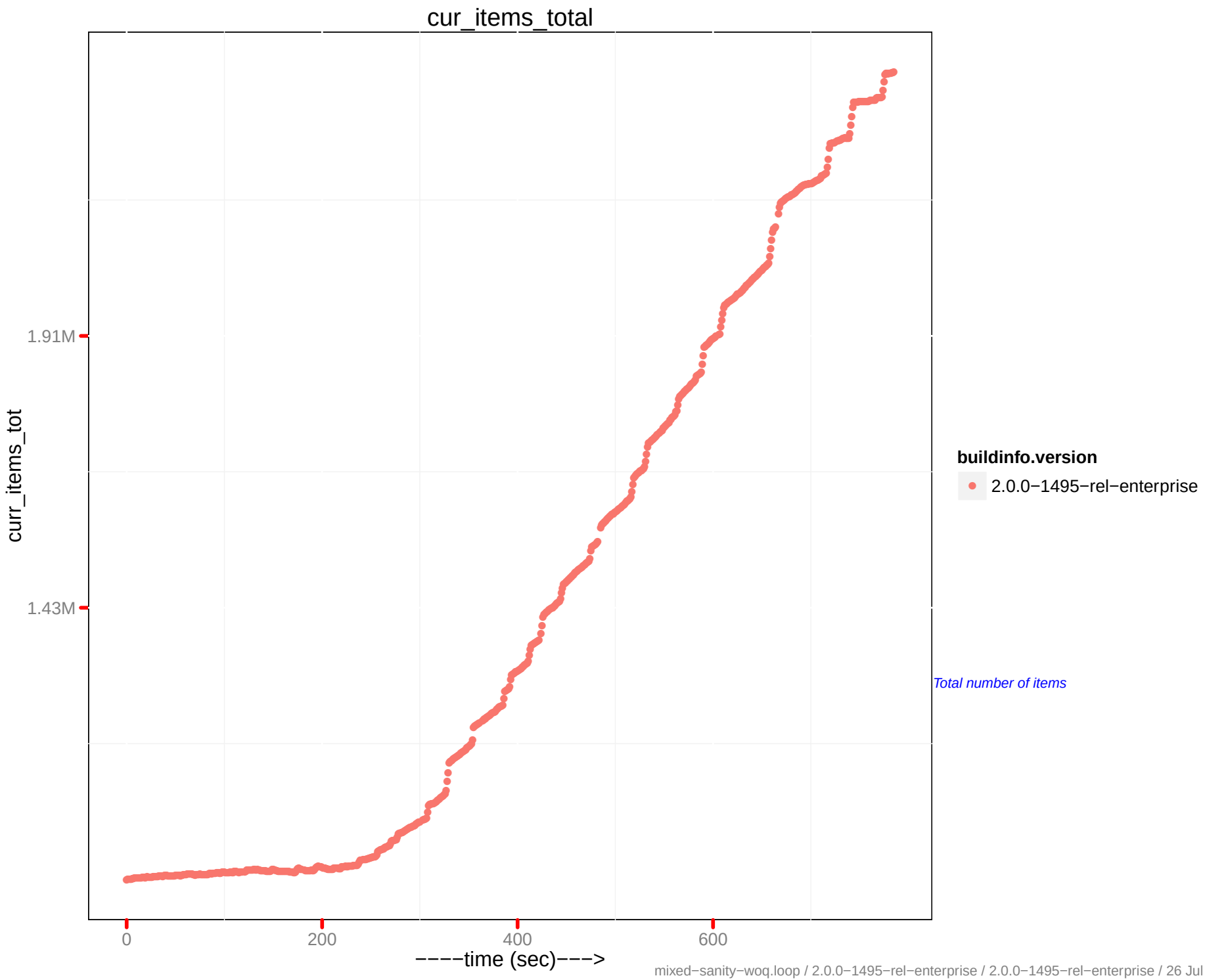

vb_replica_eject/sec
vb_replica_eject
0
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of times item values got ejected
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

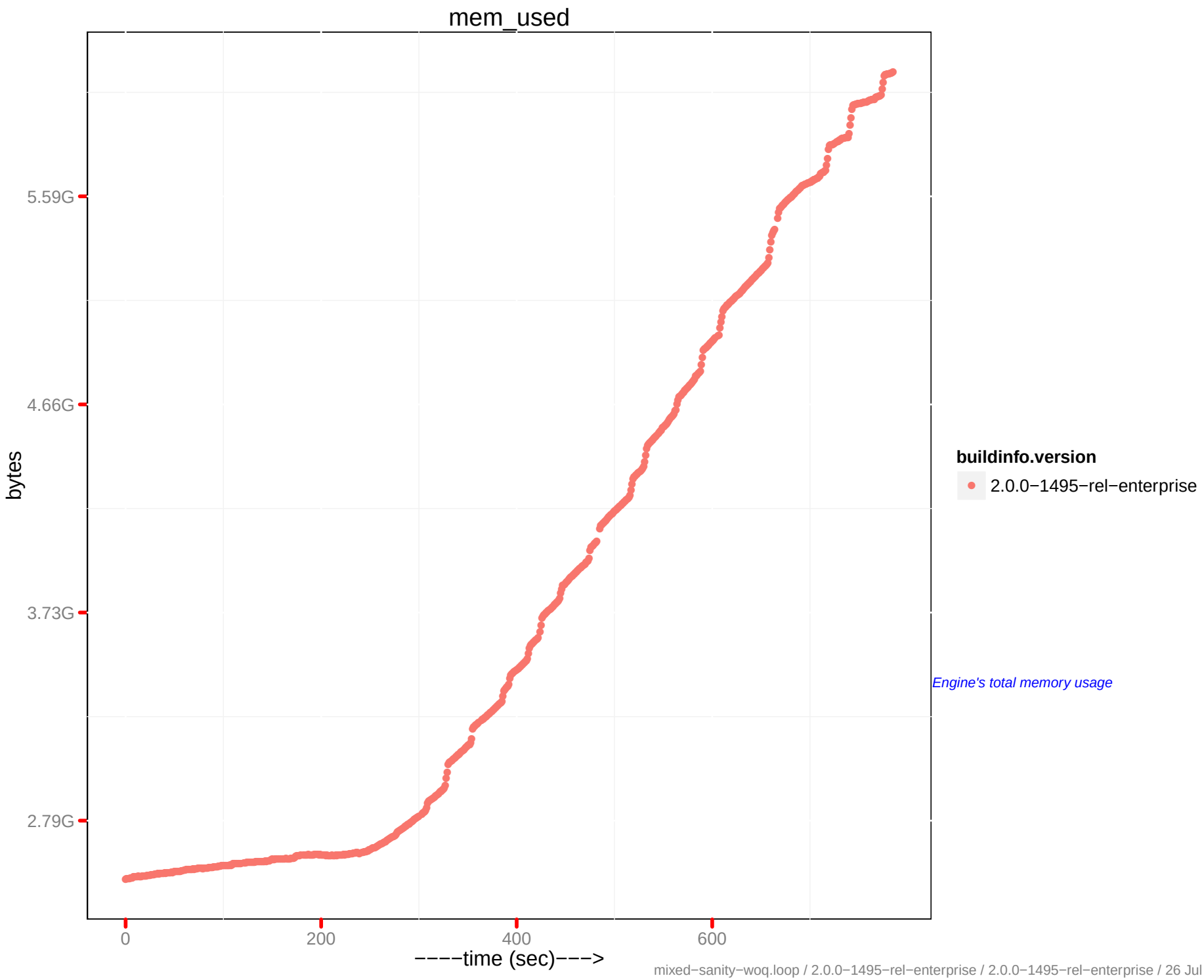

ep_tap_replica_queue_backoff/sec
ep_tap_replica_queue_backoff
15.00
10.00
5.00
0
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of back-offs received per second
while sending data over replication
TAP connections
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

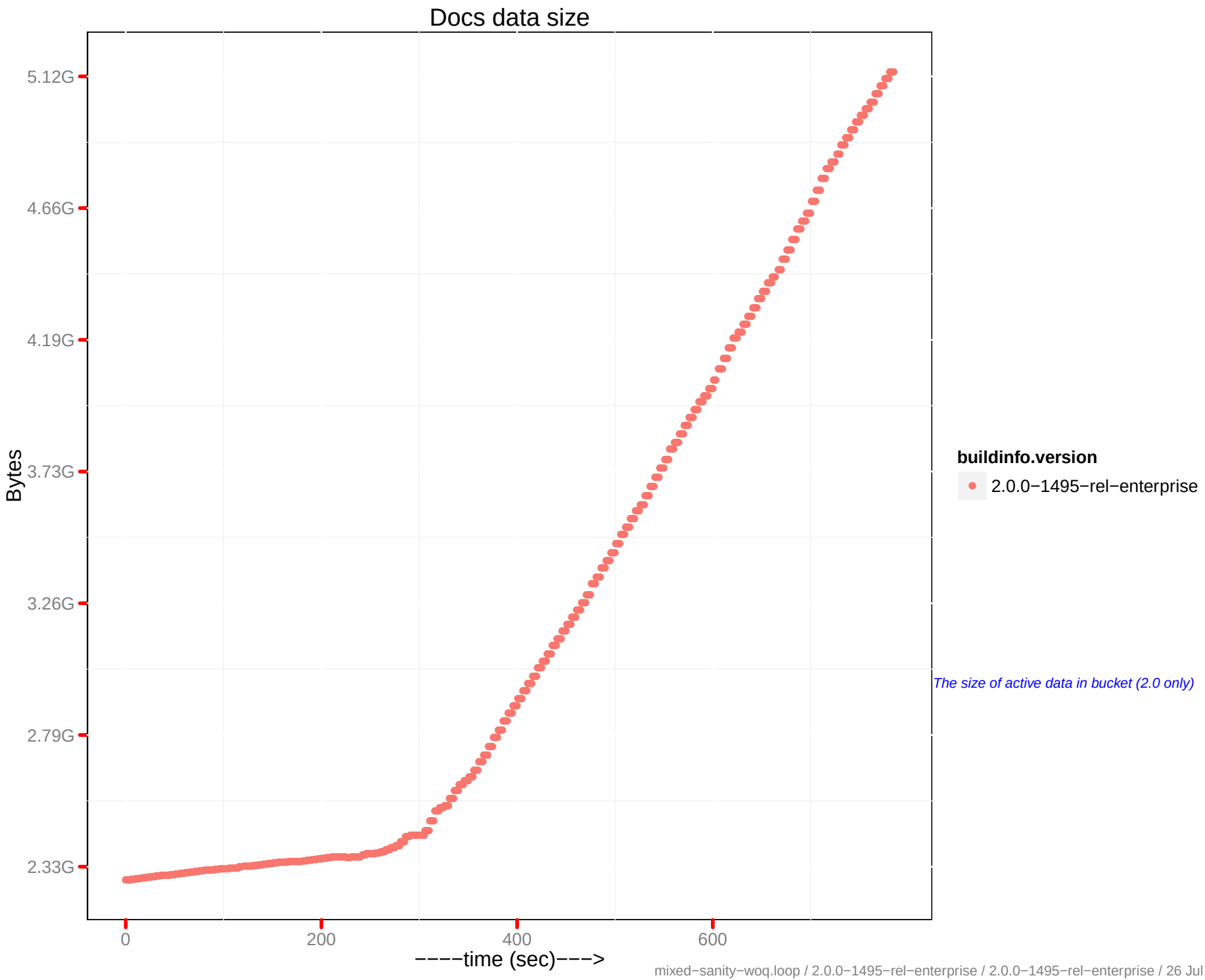

vb_active_resident_items_ratio
vb_active_resident_items_ratio
100.00
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Percentage of active items cached in RAM
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

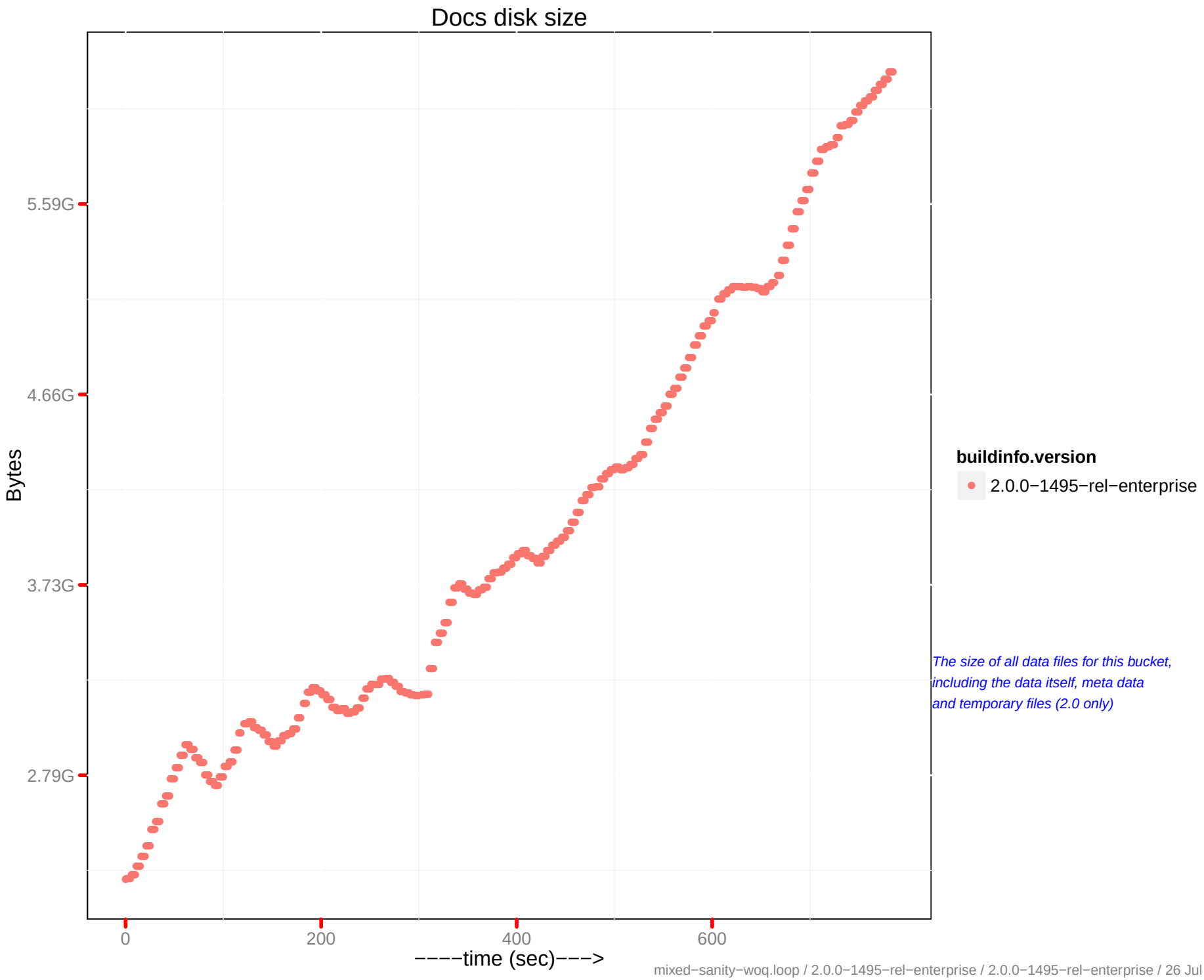

vb_replica_resident_items_ratio
100.00
NaNNA
NaNNA
NaNNA
vb_replica_resident_items_ratio
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Percentage of replica items cached in RAM
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

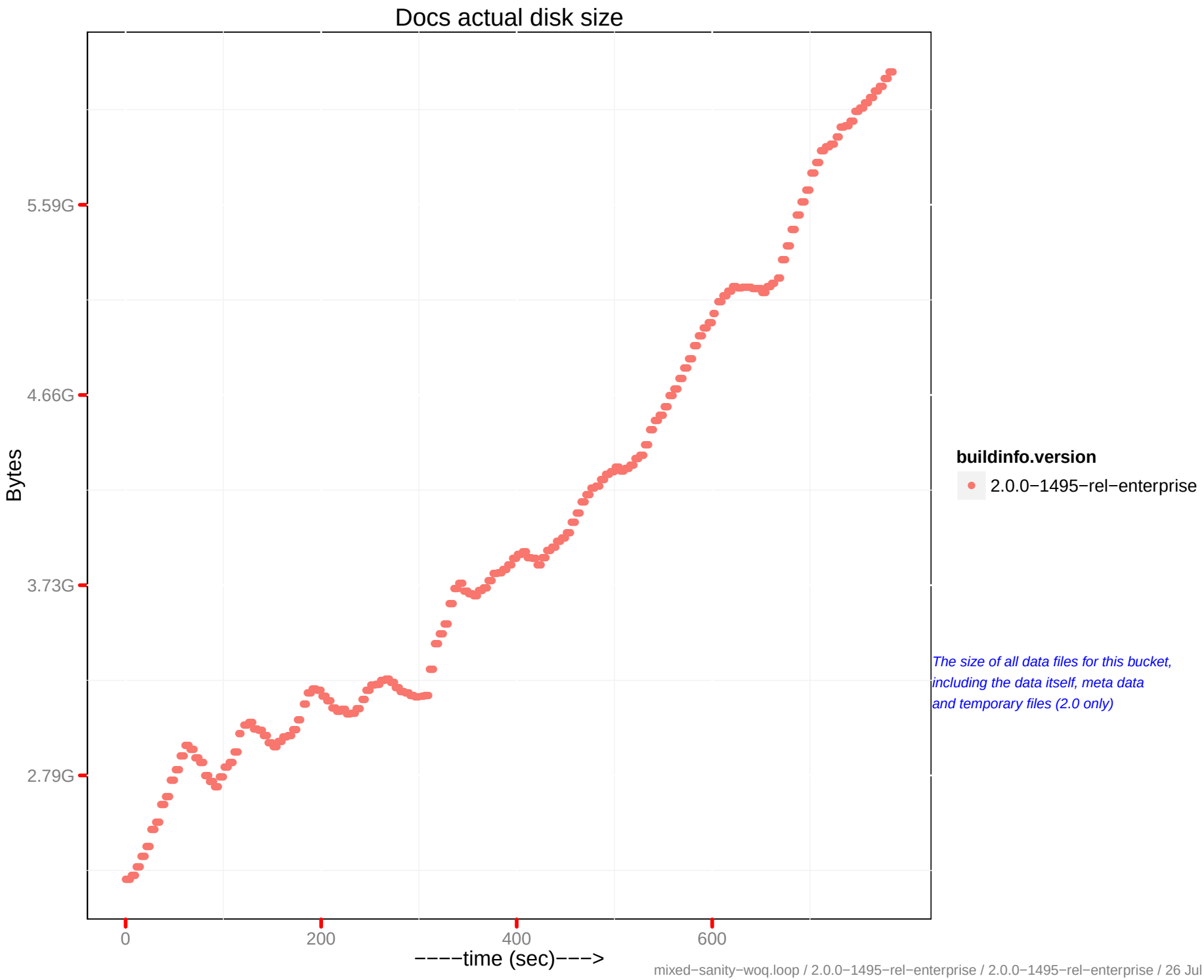

curr_items
1.14M
976.56K
781.25K
585.94K
curr_items
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of items in bucket
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

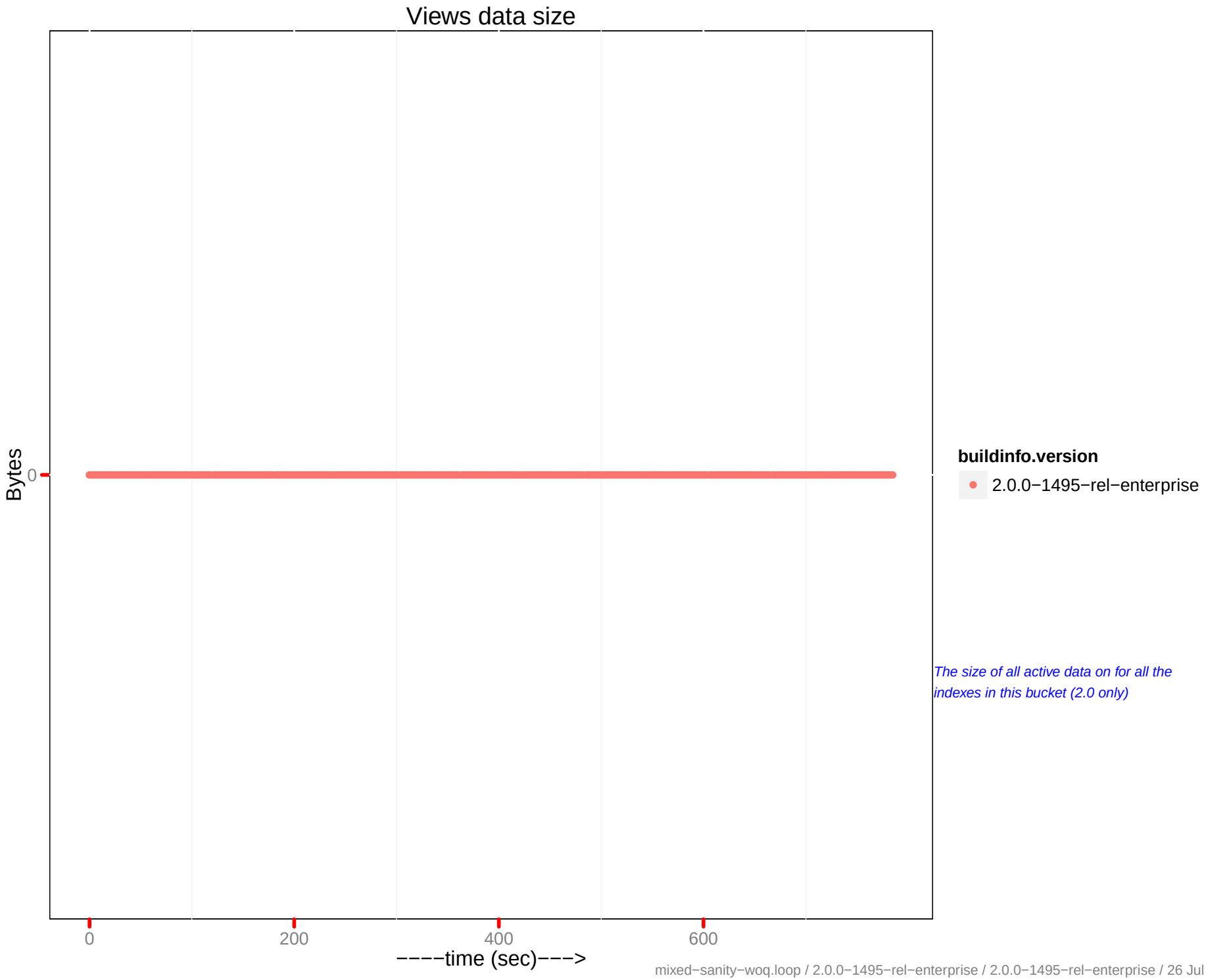

cur_items_total
curr_items_tot
1.91M
1.43M
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Total number of items
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

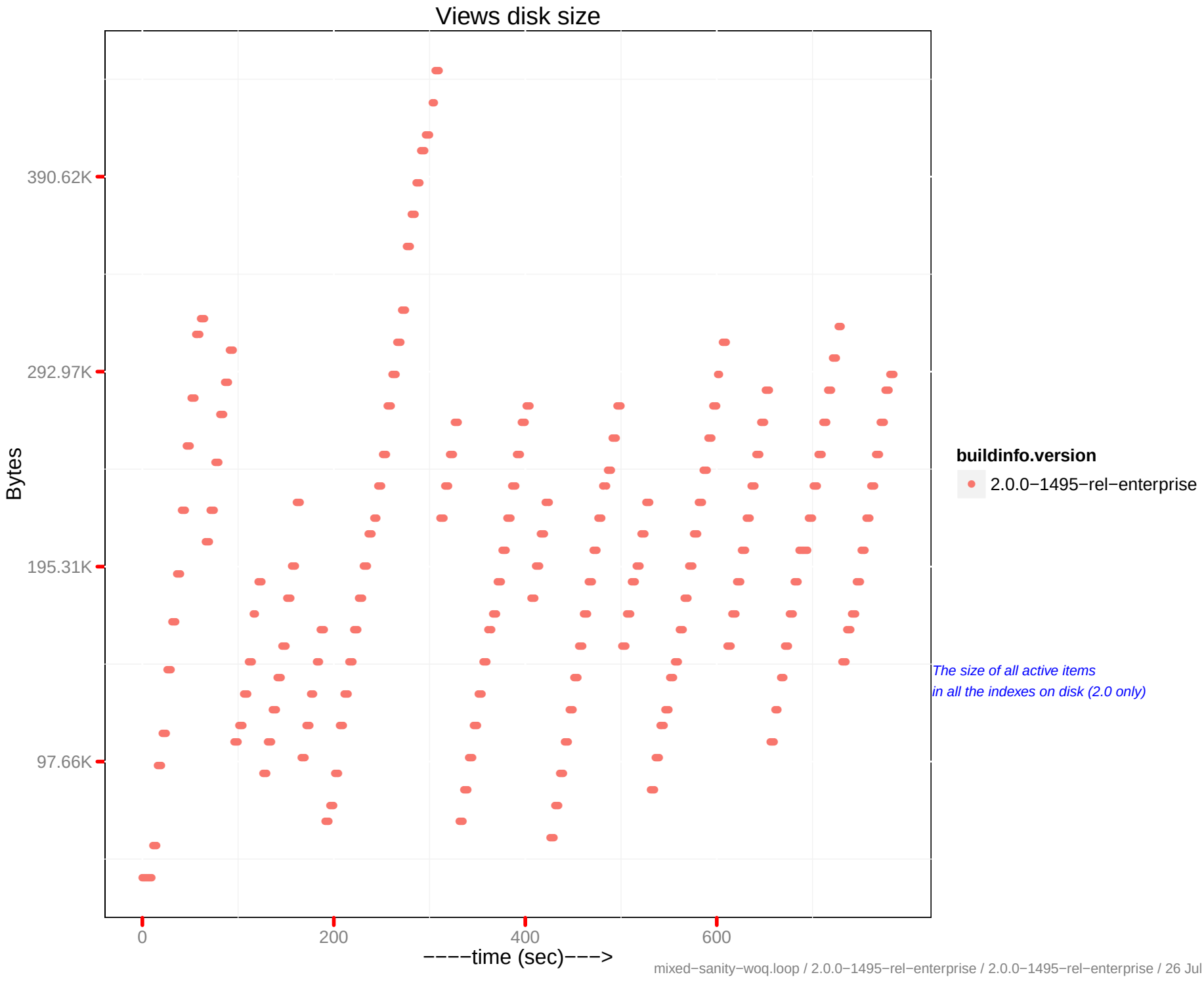

mem_used
5.59G
4.66G
3.73G
2.79G
bytes
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Engine's total memory usage
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

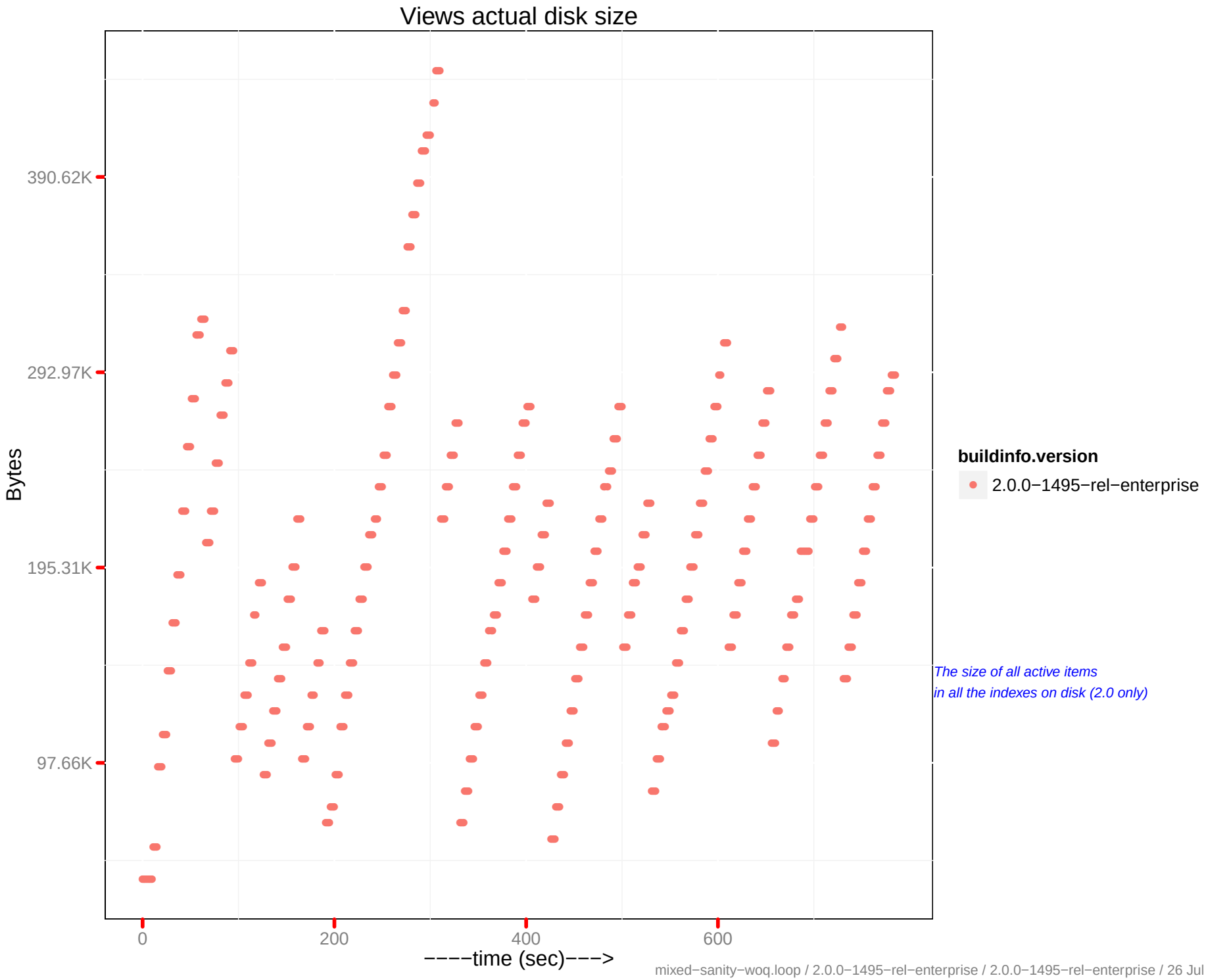

Docs data size
5.12G
4.66G
4.19G
3.73G
3.26G
2.79G
2.33G
Bytes
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
The size of active data in bucket (2.0 only)
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

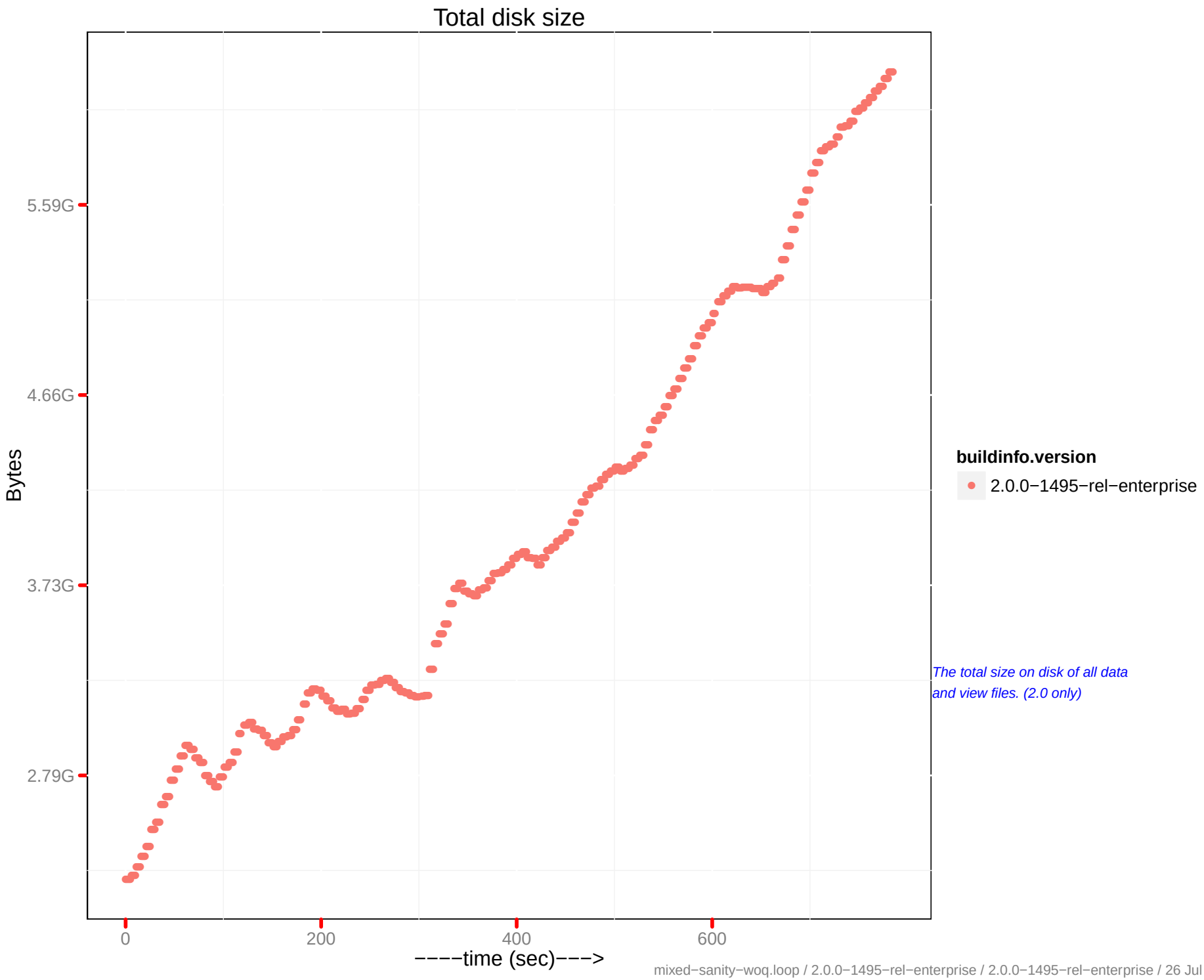

Docs disk size
5.59G
4.66G
3.73G
2.79G
Bytes
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
The size of all data files for this bucket, including the data itself, meta data and temporary files (2.0 only)
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

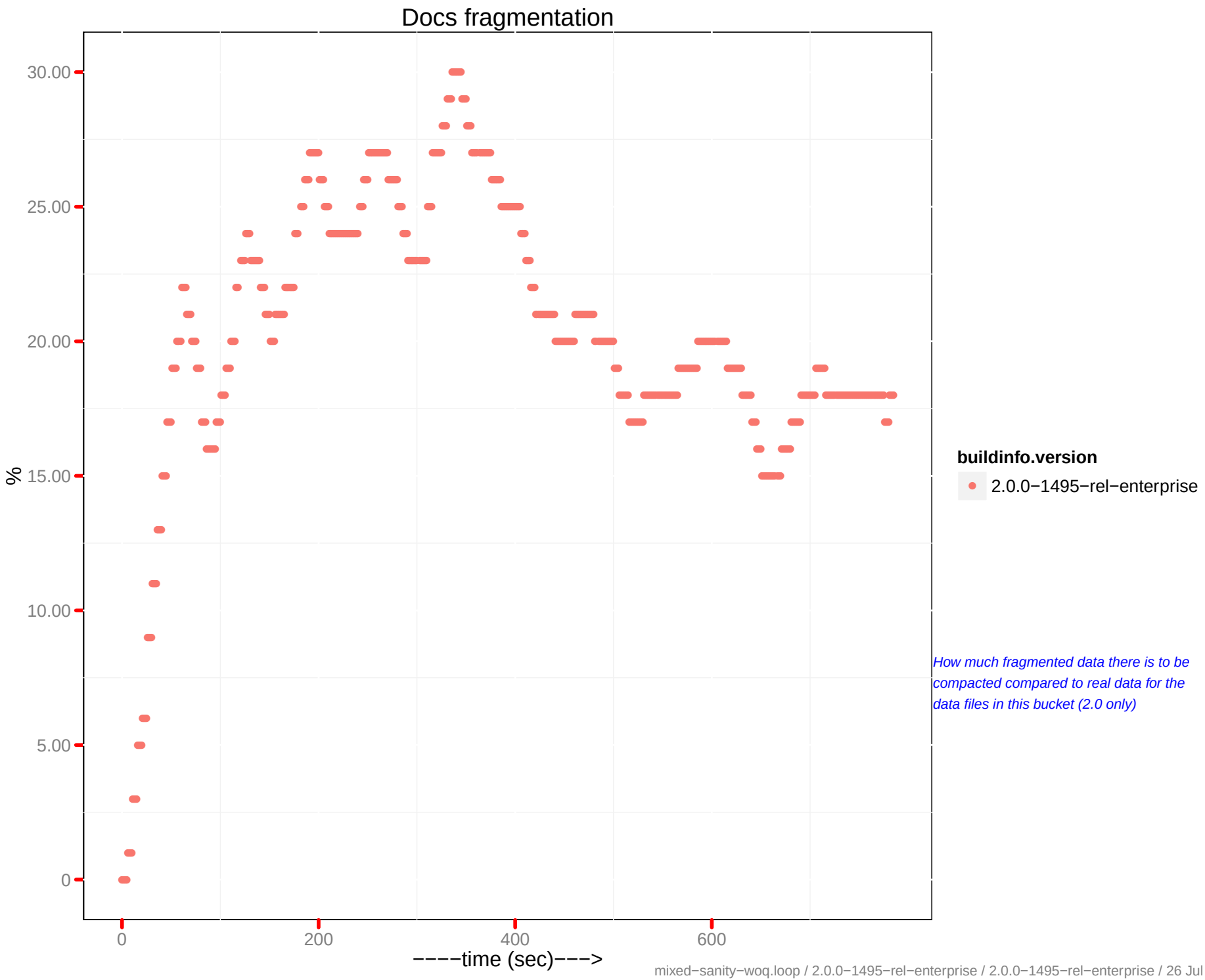

Docs actual disk size
5.59G
4.66G
3.73G
2.79G
Bytes
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
The size of all data files for this bucket, including the data itself, meta data and temporary files (2.0 only)
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

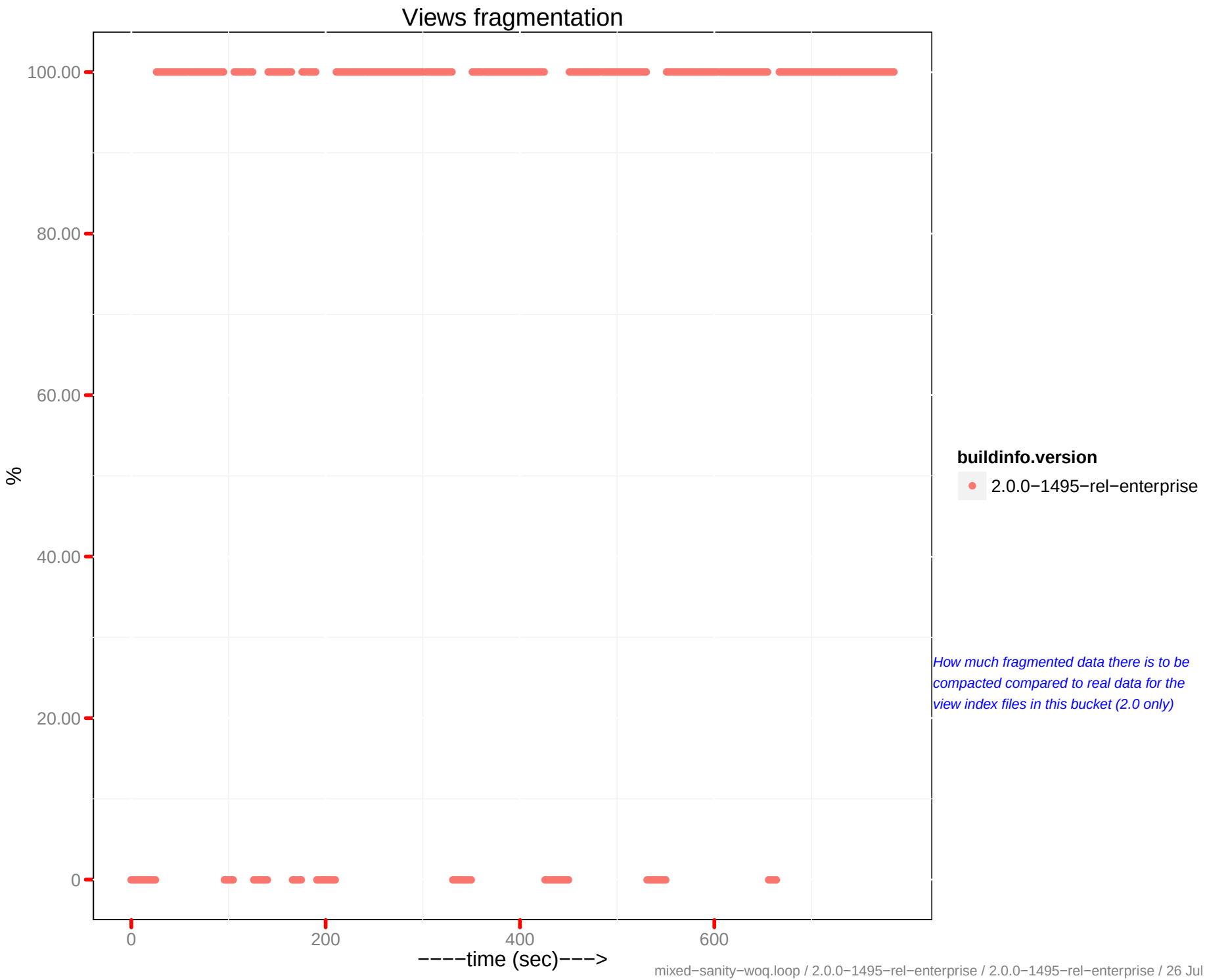

Views data size
Bytes
0
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
The size of all active data on for all the indexes in this bucket (2.0 only)
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

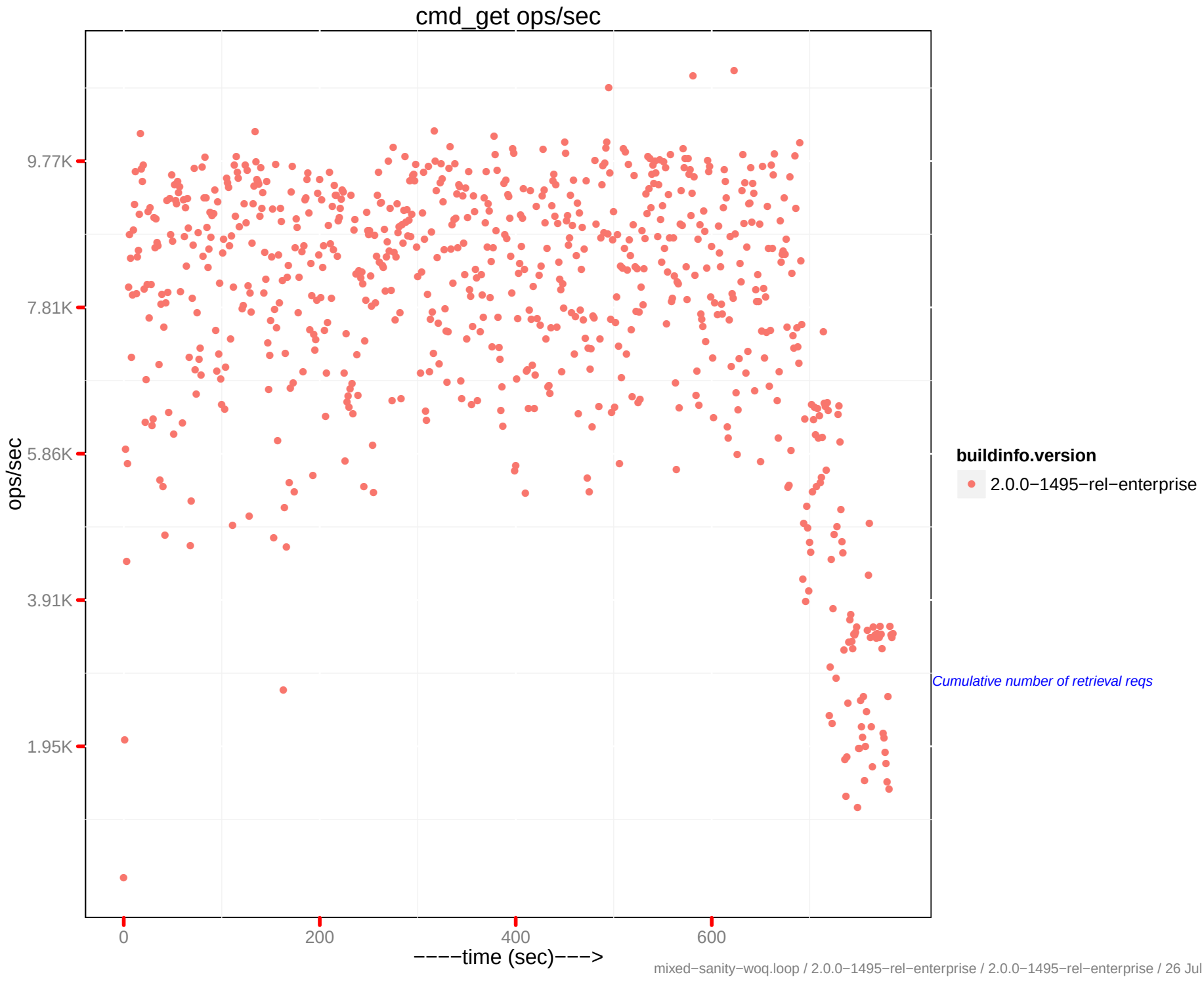

Views disk size
390.62K
292.97K
195.31K
97.66K
Bytes
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
The size of all active items
in all the indexes on disk (2.0 only)
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

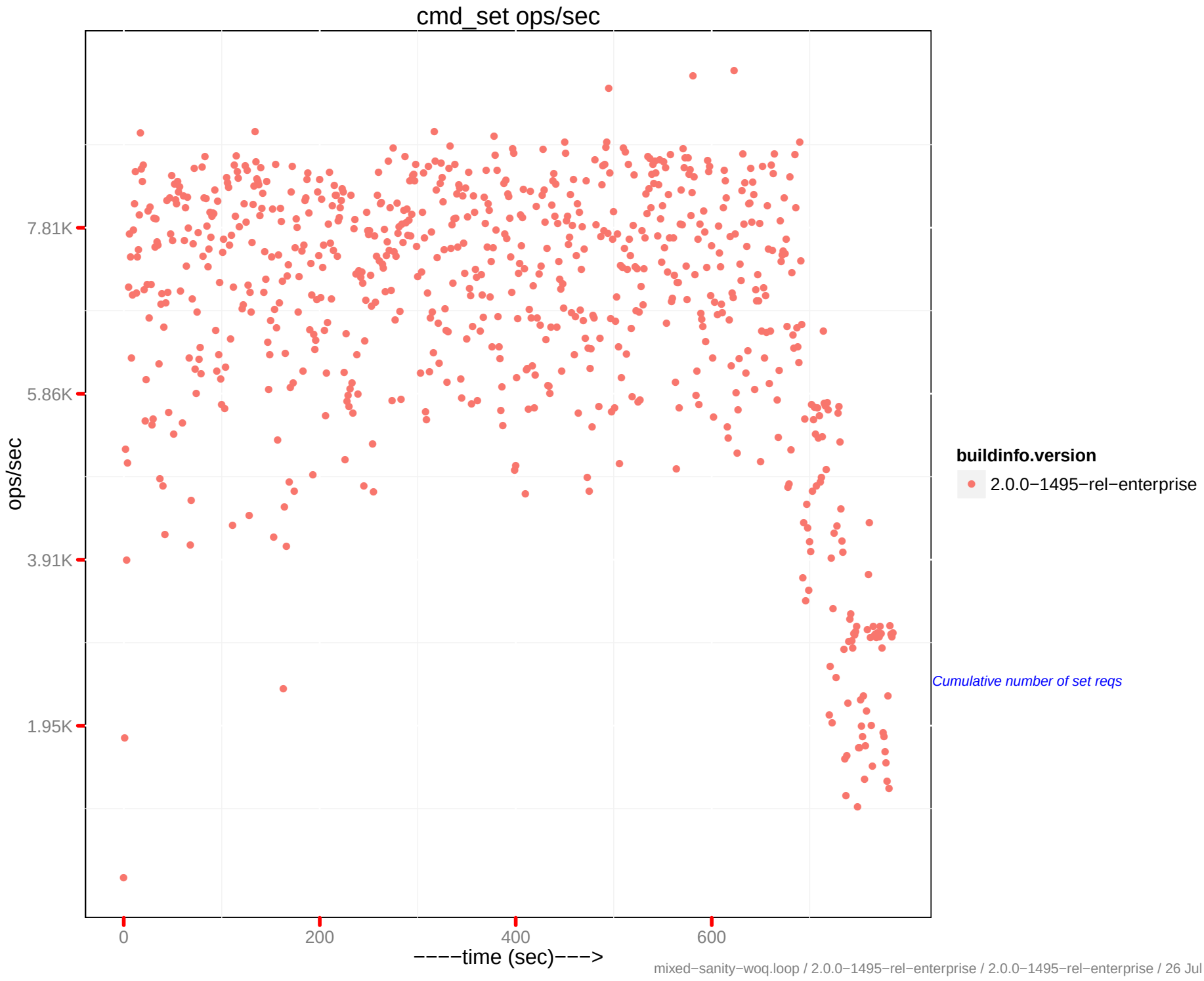

Views actual disk size
390.62K
292.97K
195.31K
97.66K
Bytes
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
The size of all active items
in all the indexes on disk (2.0 only)
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

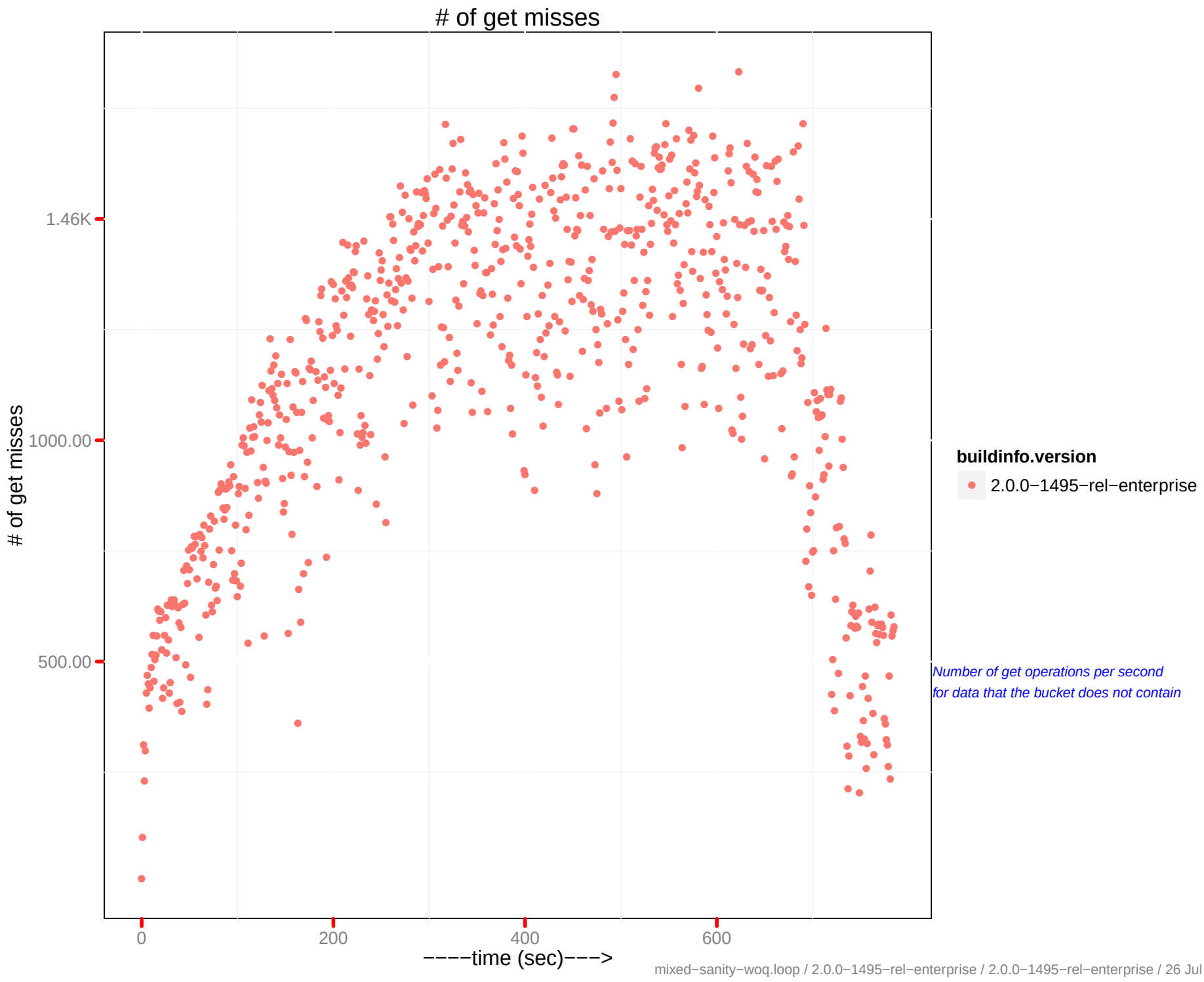

Total disk size
5.59G
4.66G
3.73G
2.79G
Bytes
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
The total size on disk of all data and view files. (2.0 only)
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

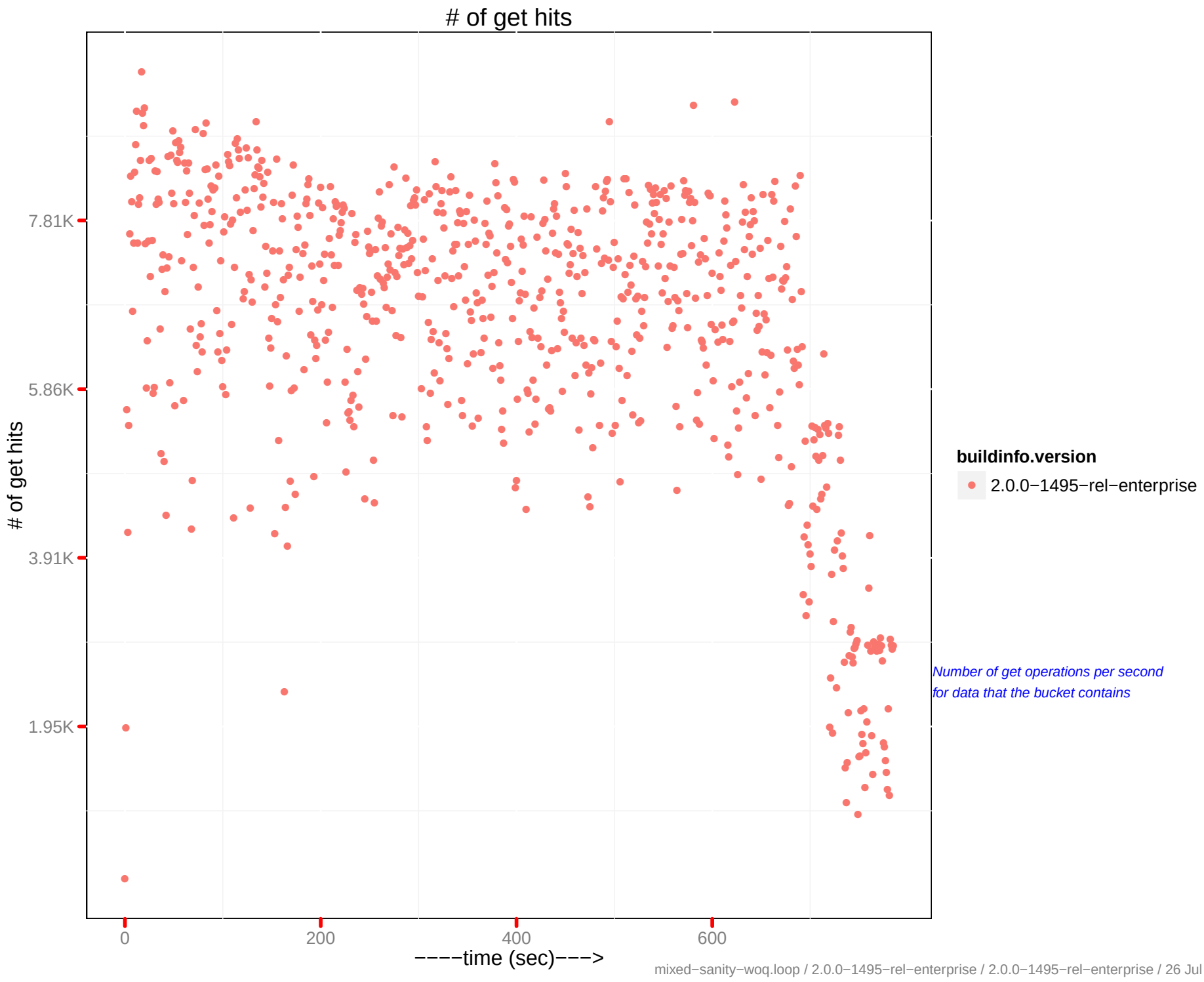

Docs fragmentation
30.00
25.00
20.00
15.00
10.00
5.00
0
%
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
How much fragmented data there is to be compacted compared to real data for the data files in this bucket (2.0 only)

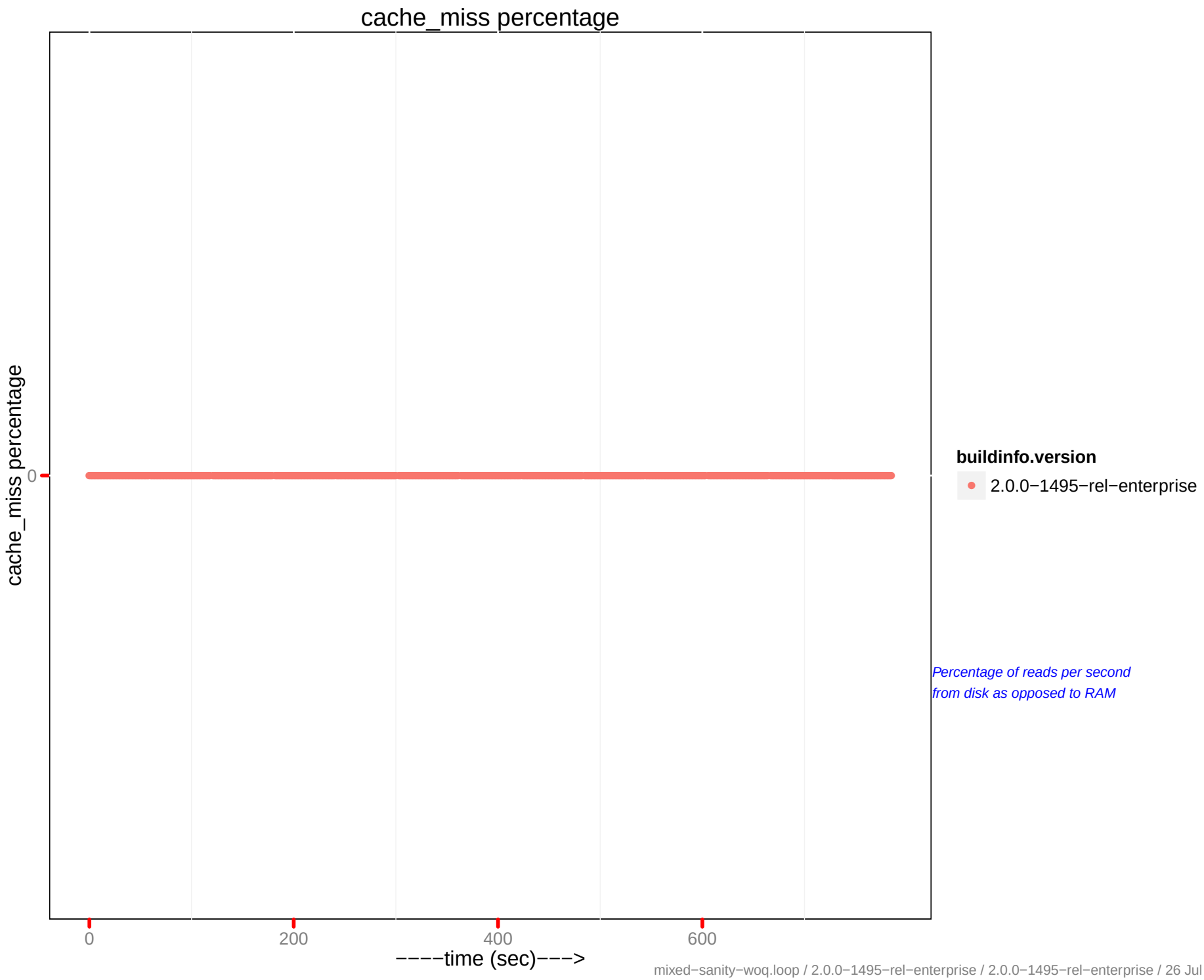

Views fragmentation
100.00
80.00
60.00
40.00
20.00
0
%
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
How much fragmented data there is to be compacted compared to real data for the view index files in this bucket (2.0 only)
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

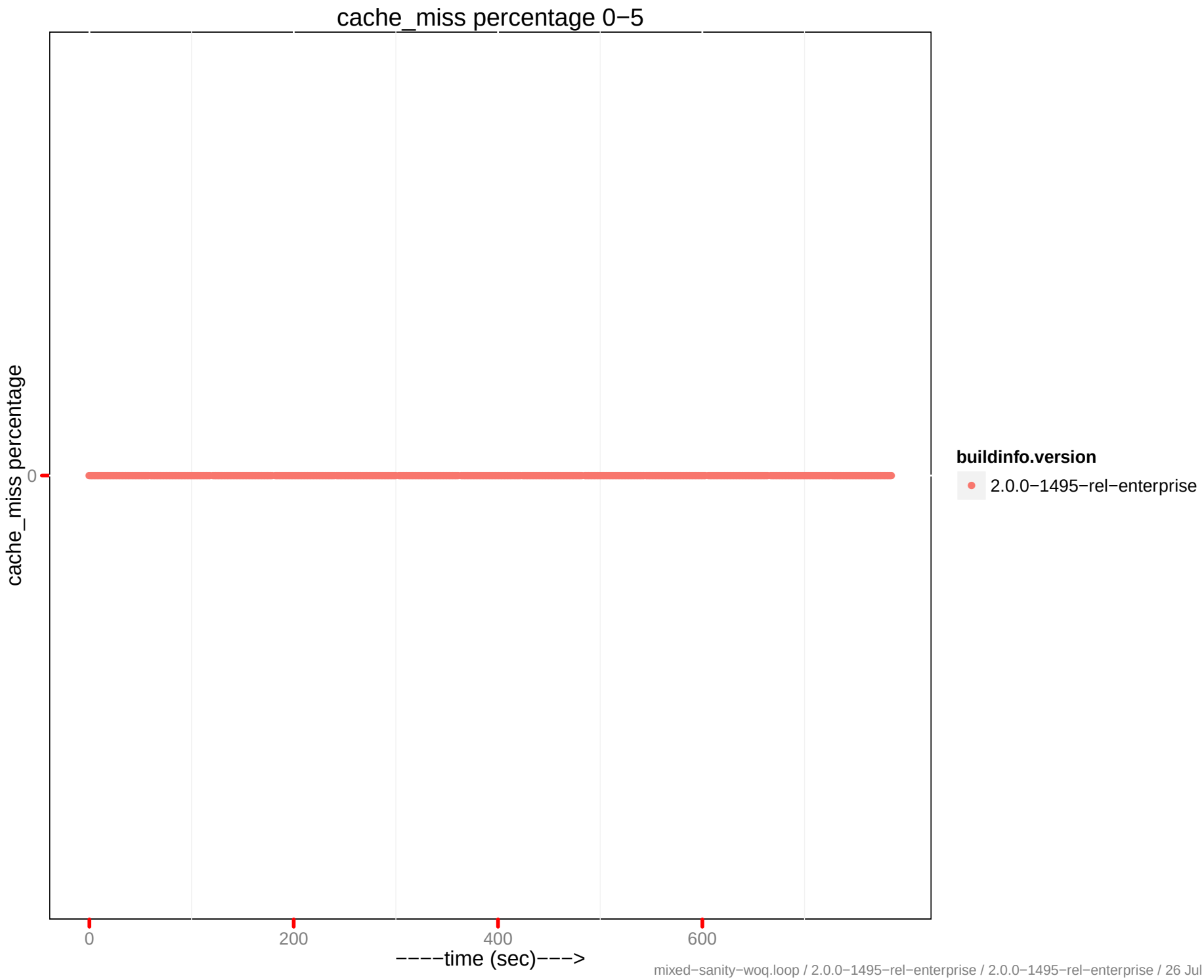

cmd_get ops/sec
9.77K
7.81K
5.86K
3.91K
1.95K
ops/sec
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Cumulative number of retrieval reqs
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

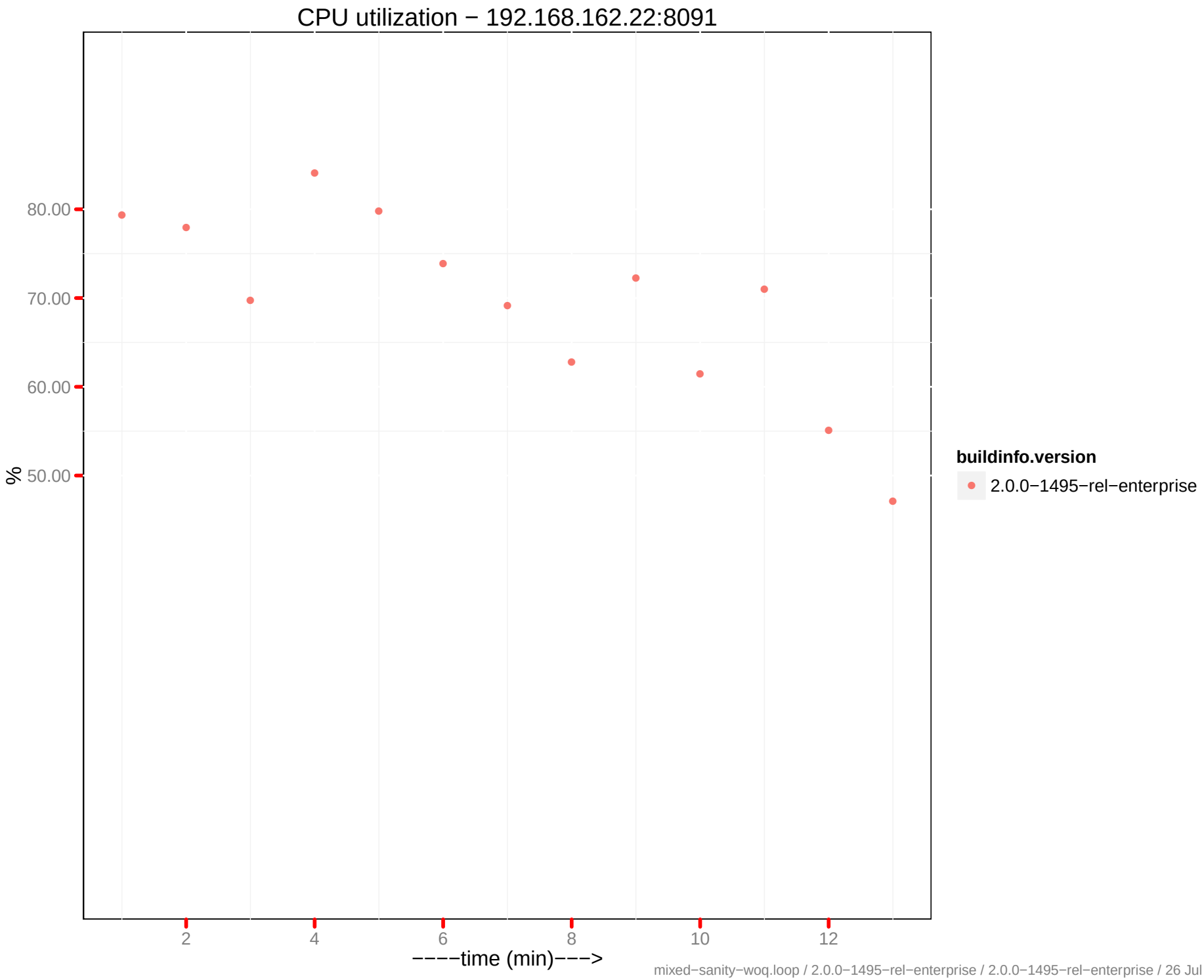

cmd_set ops/sec
7.81K
5.86K
3.91K
1.95K
ops/sec
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Cumulative number of set reqs
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

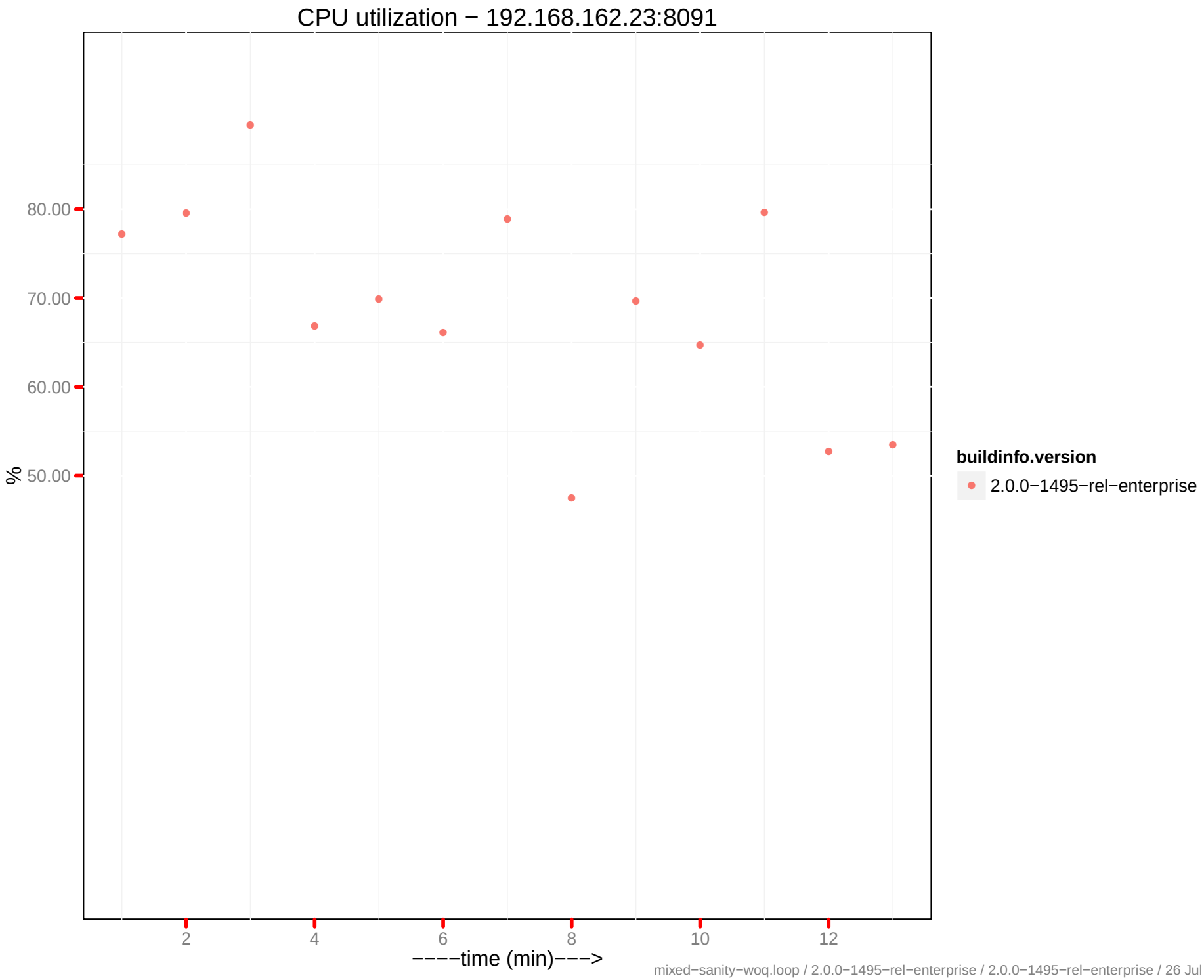

# of get misses
1.46K
1000.00
500.00
# of get misses
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of get operations per second
for data that the bucket does not contain
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

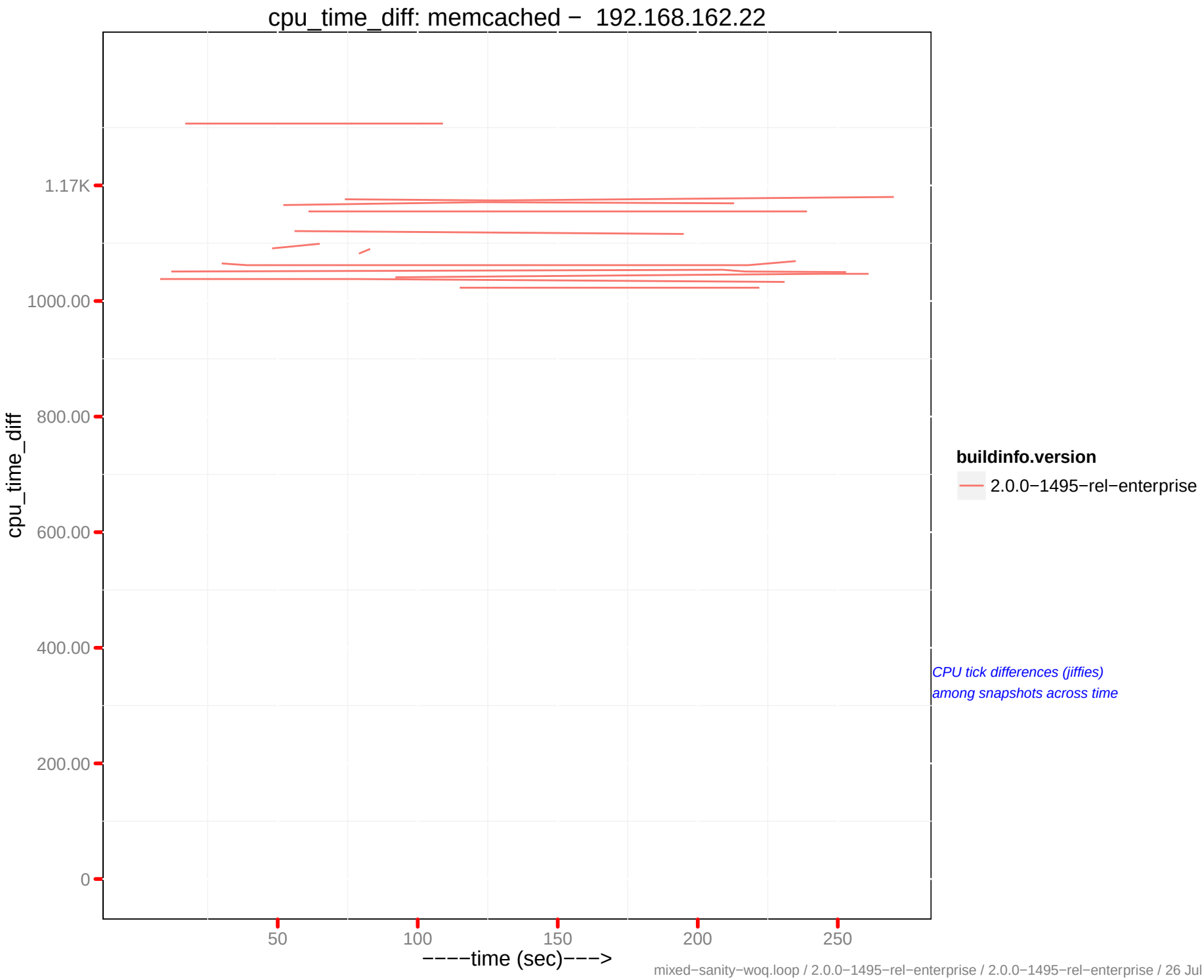

# of get hits
7.81K
5.86K
3.91K
1.95K
# of get hits
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Number of get operations per second
for data that the bucket contains
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

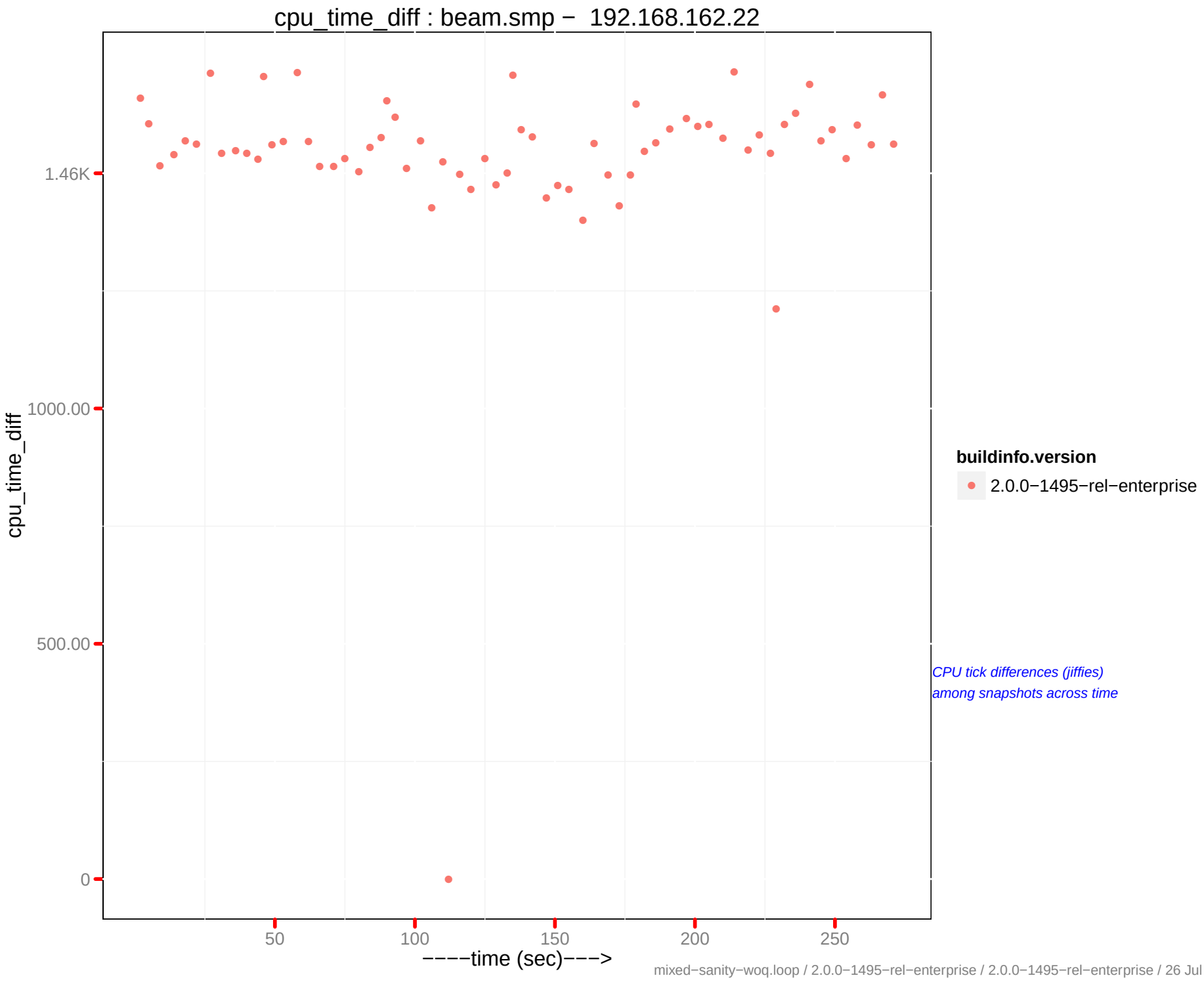

cache_miss percentage
cache_miss percentage
0
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Percentage of reads per second
from disk as opposed to RAM
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

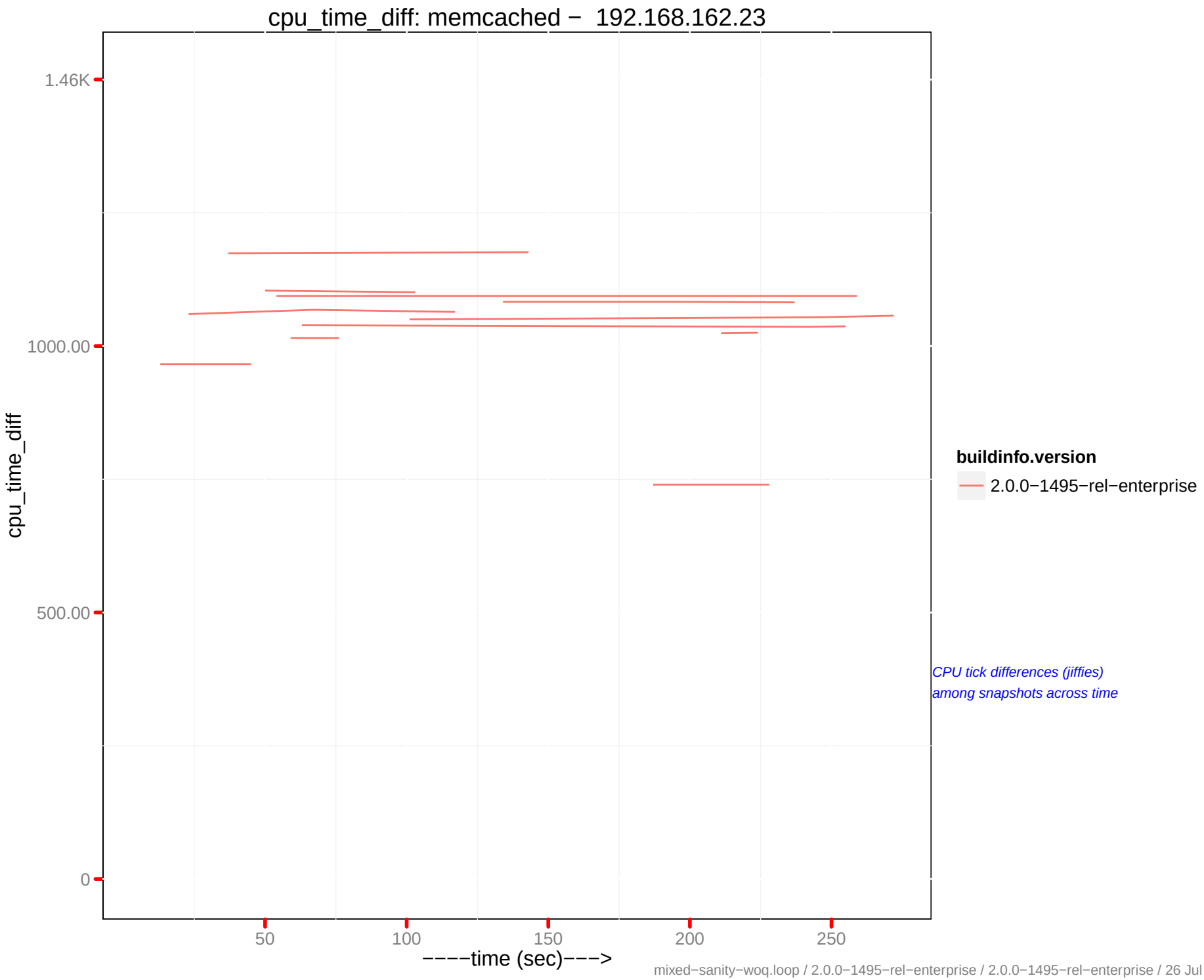

cache_miss percentage 0−5
cache_miss percentage
0
0
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

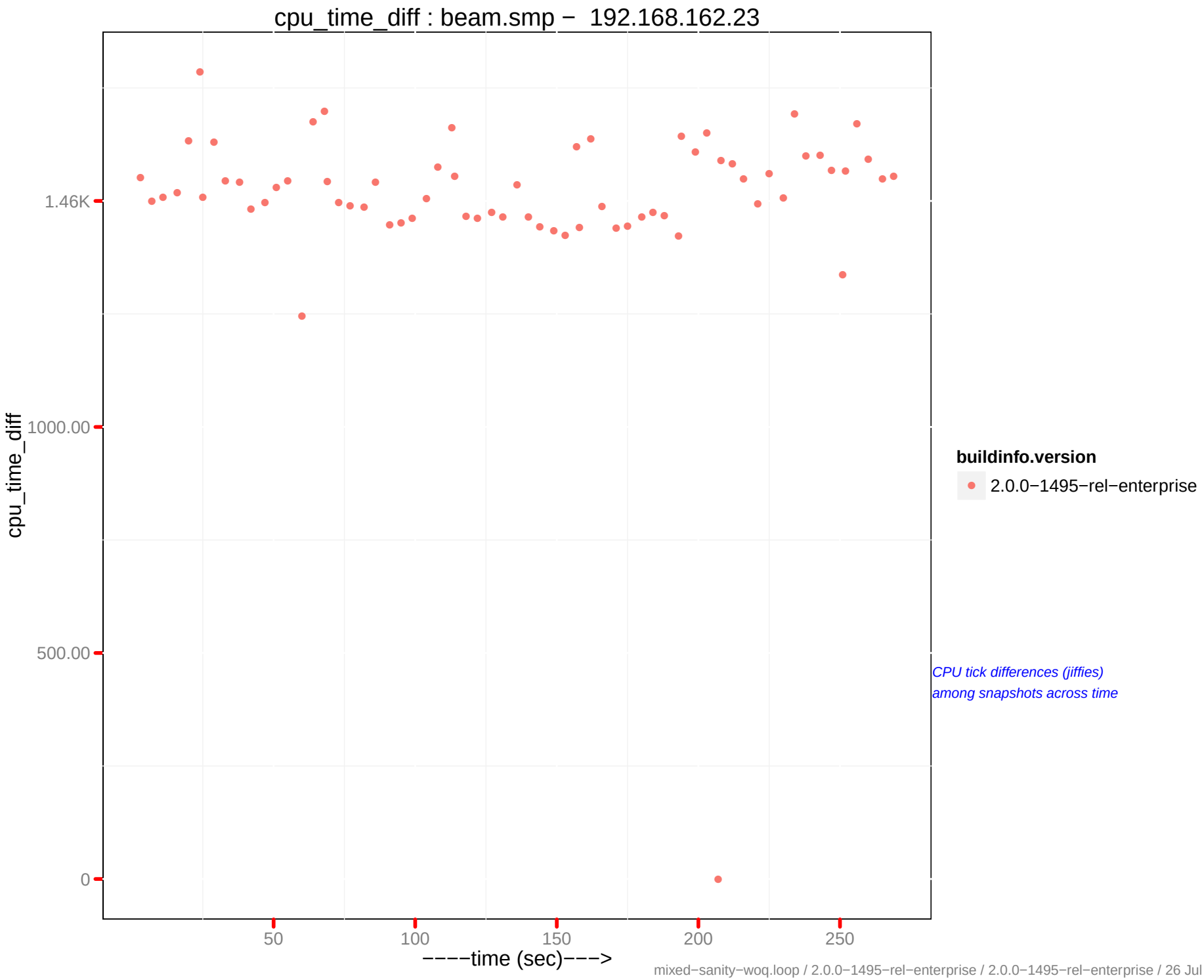

CPU utilization − 192.168.162.22:8091
80.00
70.00
60.00
50.00
%
2
4
6
8
10
12
−−−−time (min)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

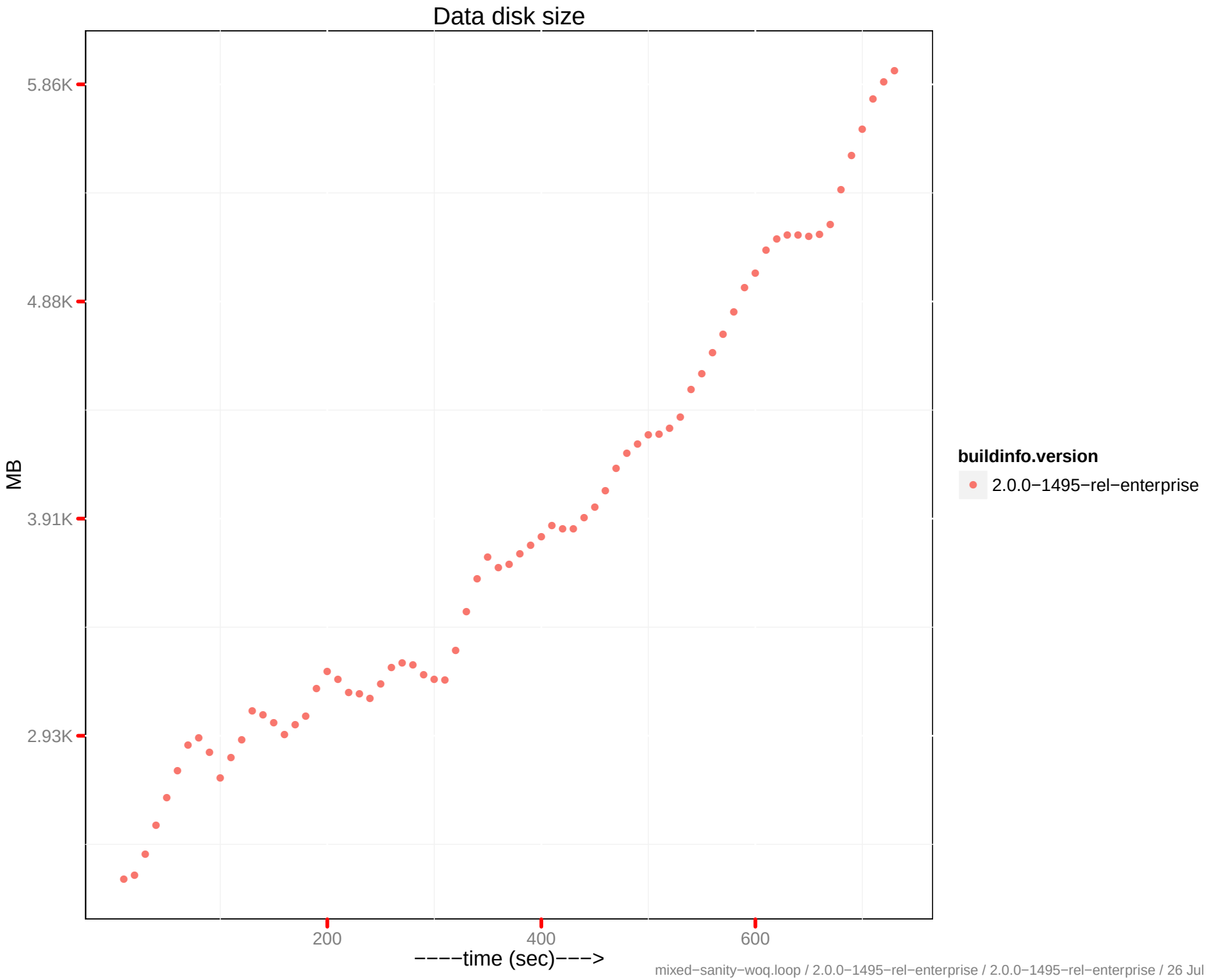

CPU utilization − 192.168.162.23:8091
80.00
70.00
60.00
50.00
%
2
4
6
8
10
12
−−−−time (min)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

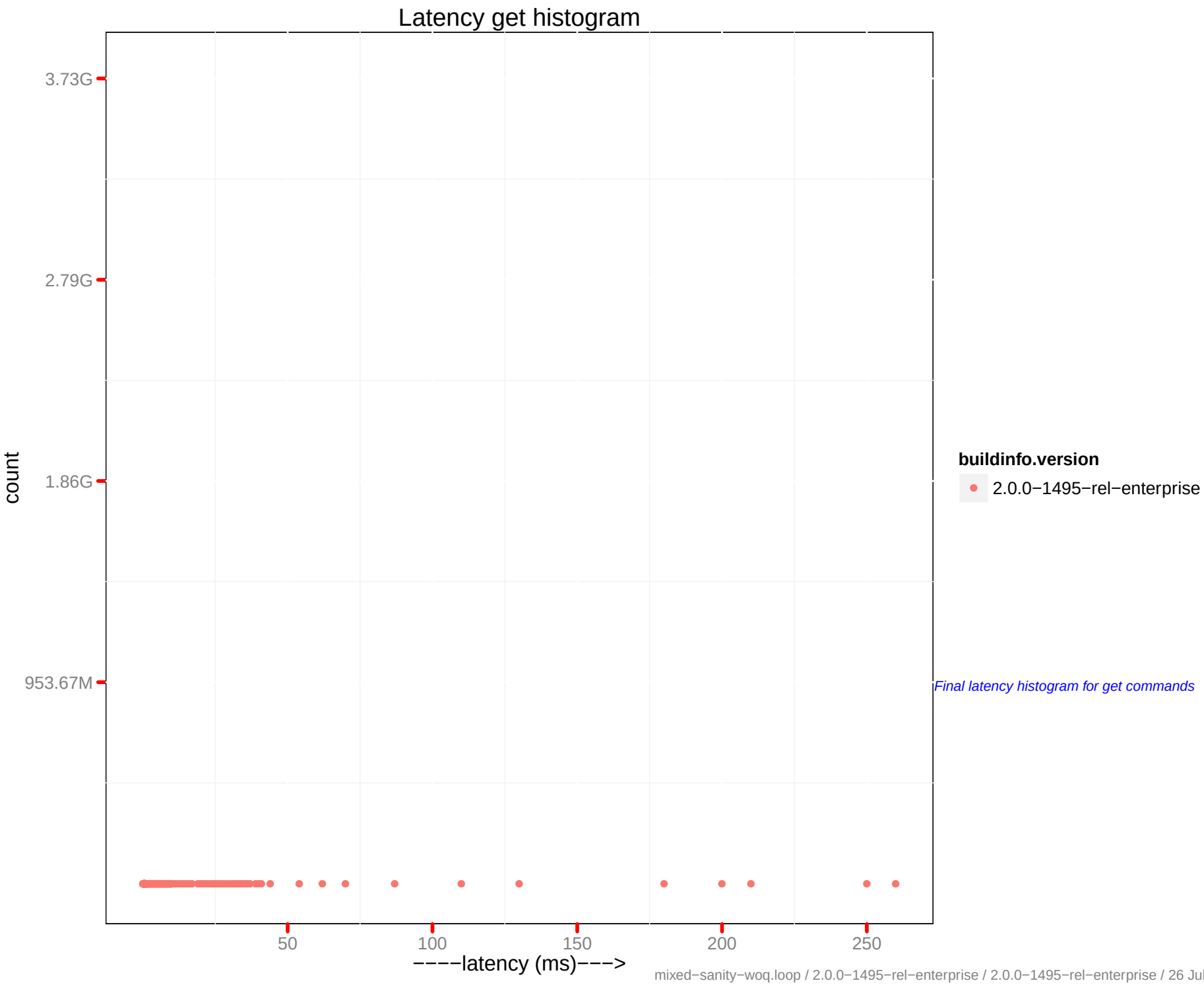

cpu_time_diff: memcached − 192.168.162.22
1.17K
1000.00
800.00
600.00
400.00
200.00
0
cpu_time_diff
50
100
150
200
250
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

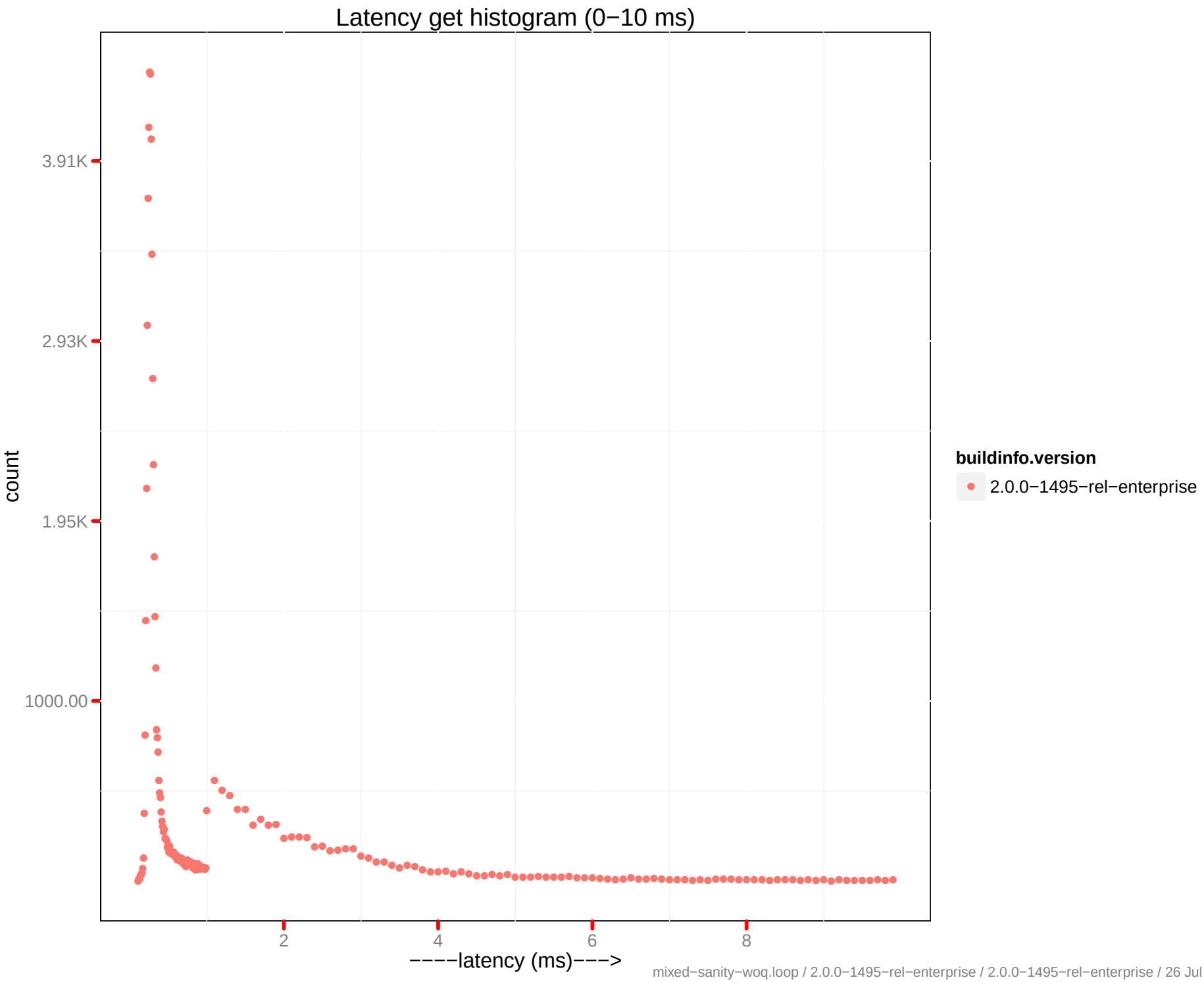

cpu_time_diff : beam.smp − 192.168.162.22
1.46K
1000.00
500.00
0
cpu_time_diff
50
100
150
200
250
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

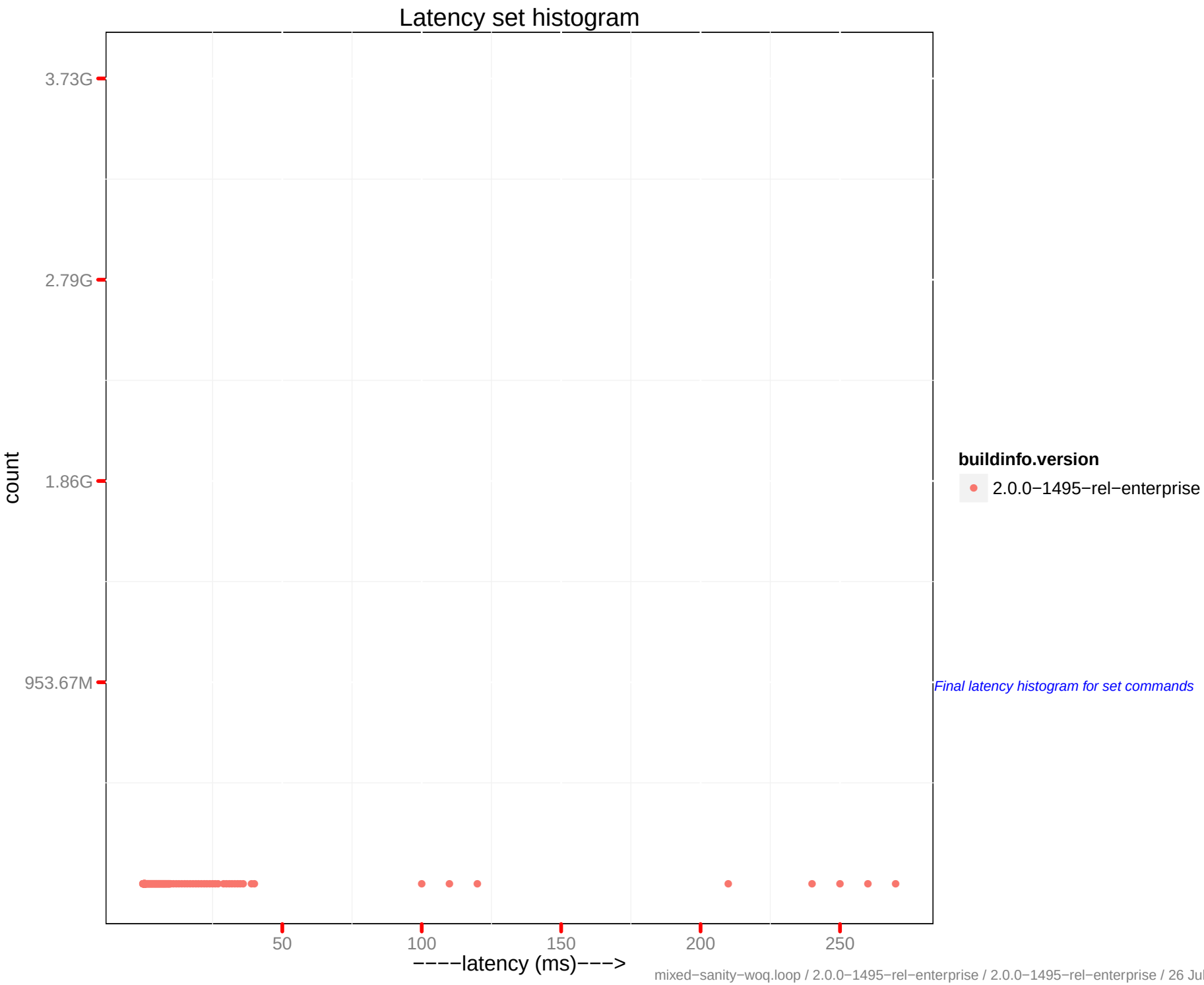

cpu_time_diff: memcached − 192.168.162.23
1.46K
1000.00
500.00
0
cpu_time_diff
50
100
150
200
250
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

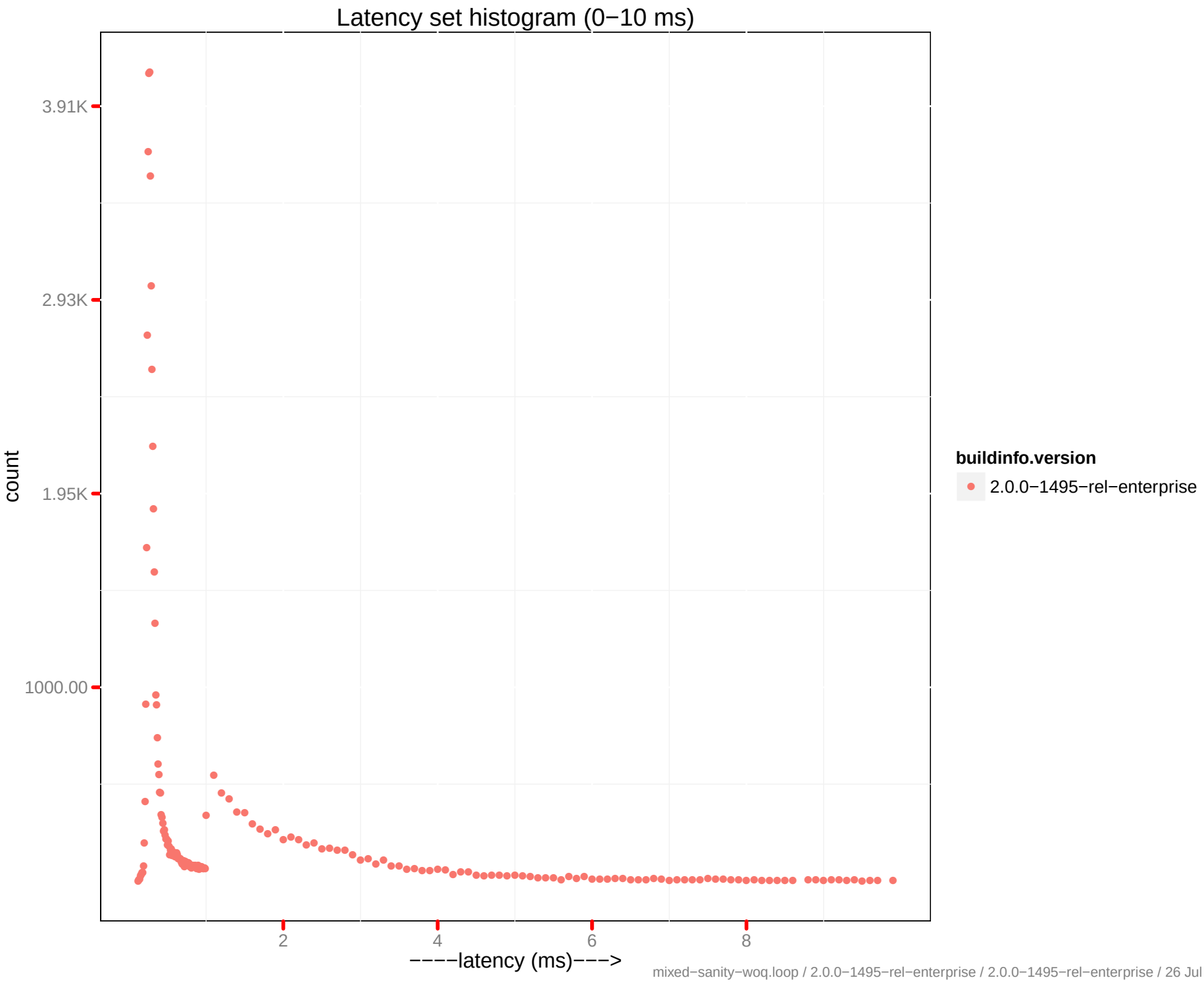

cpu_time_diff : beam.smp − 192.168.162.23
cpu_time_diff
1.46K
1000.00
500.00
0
50
100
150
200
250
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
CPU tick differences (jiffies)
among snapshots across time
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

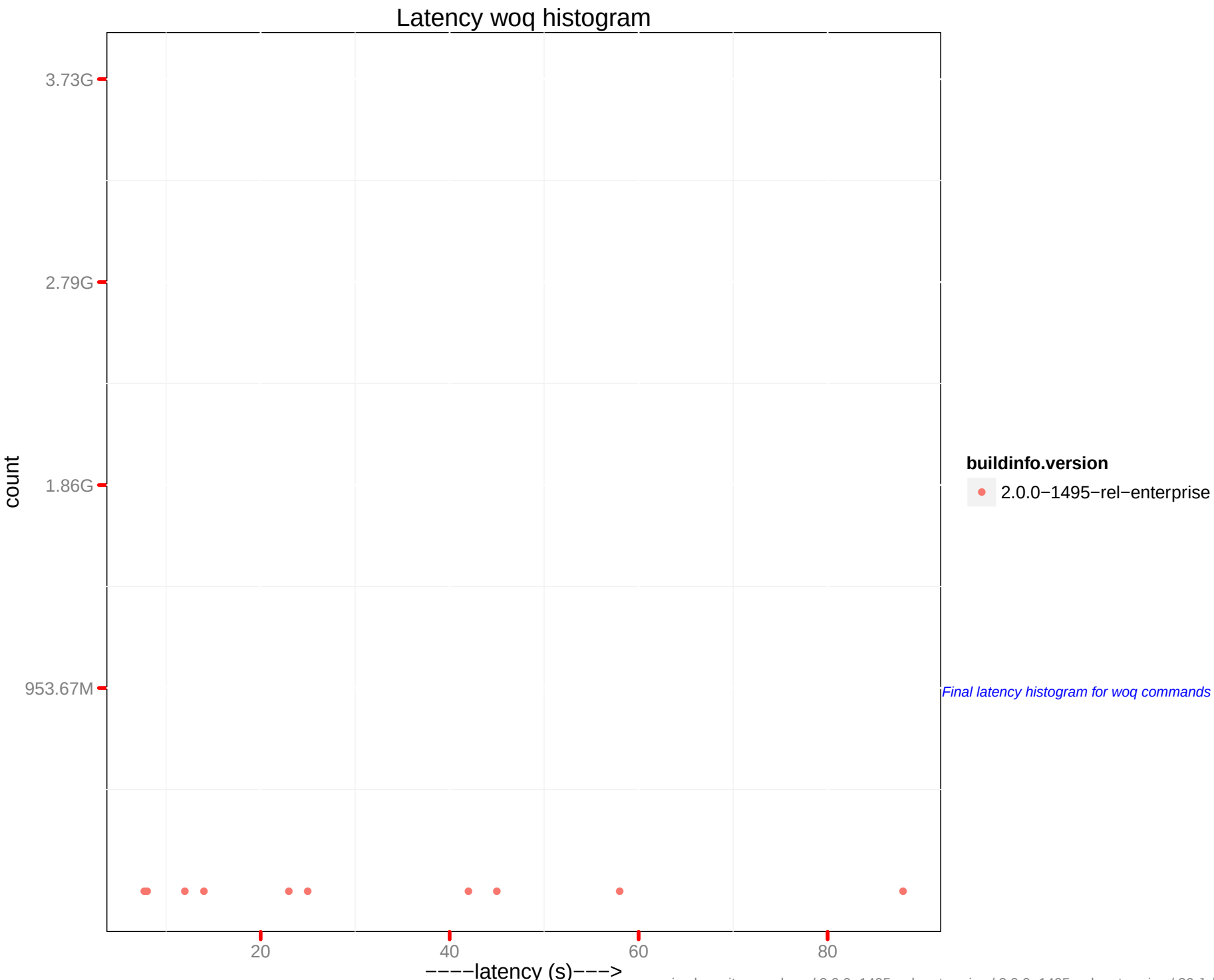

Data disk size
5.86K
4.88K
3.91K
2.93K
MB
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

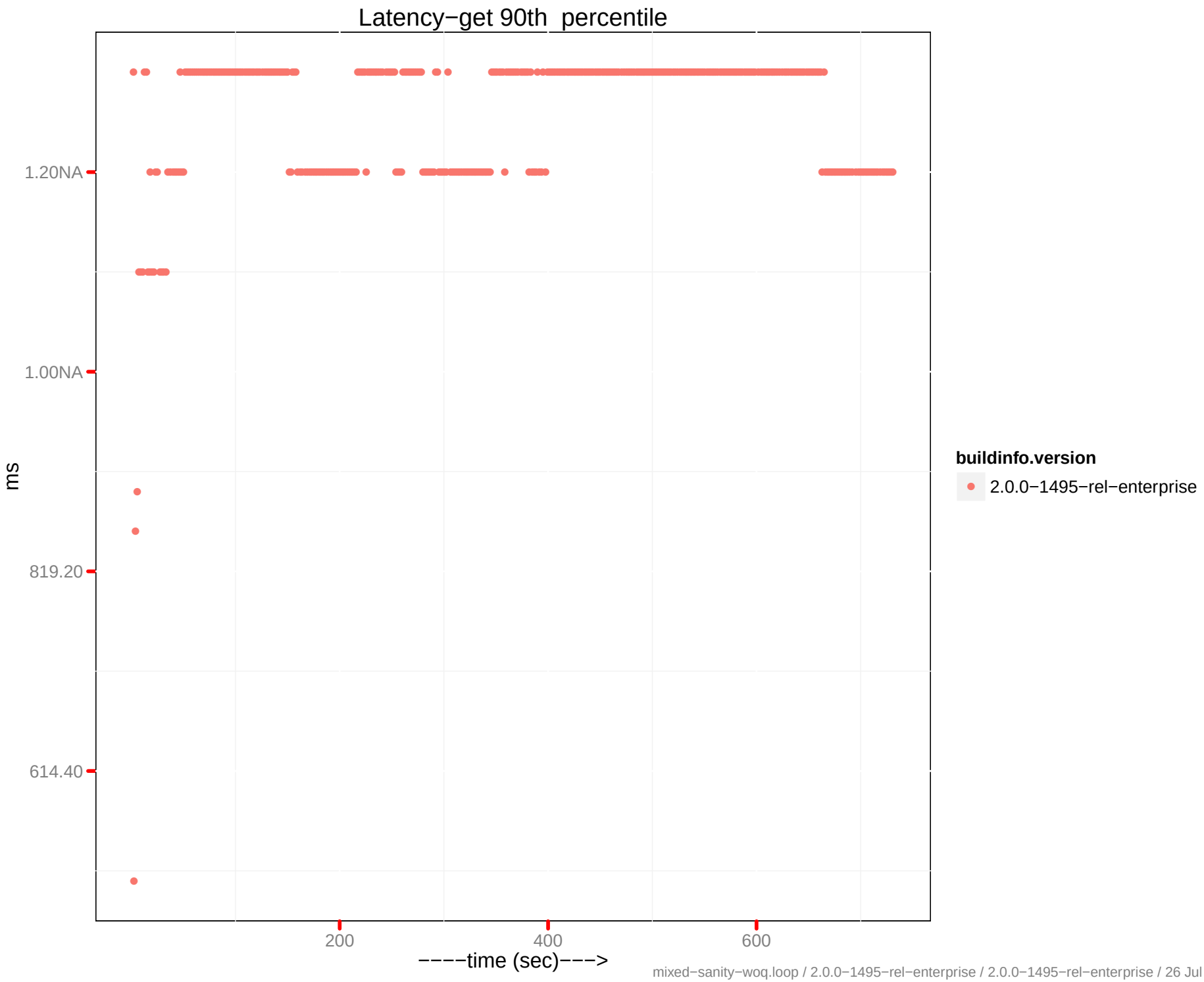

Latency get histogram
3.73G
2.79G
1.86G
953.67M
count
50
100
150
200
250
----latency (ms)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Final latency histogram for get commands
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

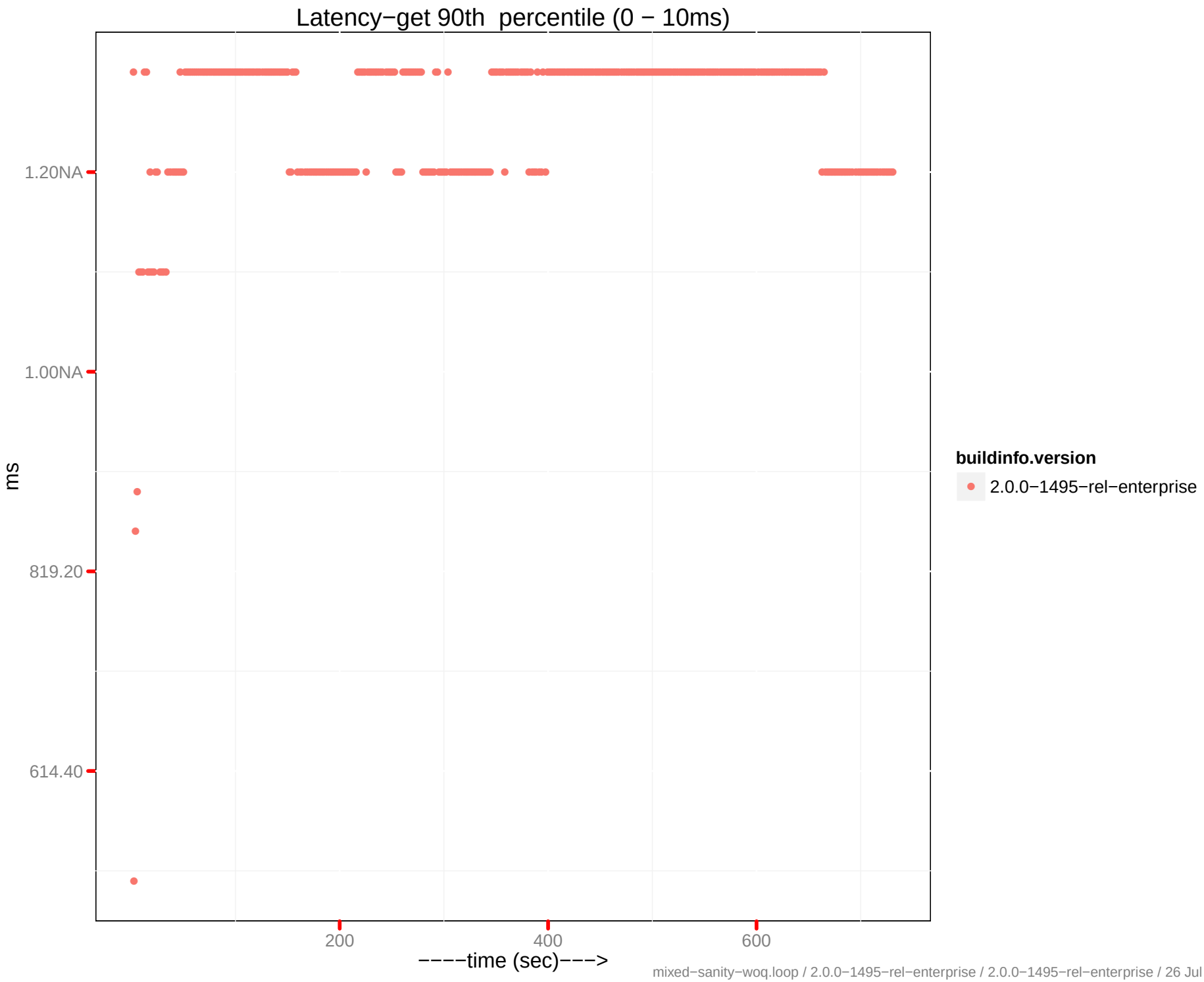

Latency get histogram (0−10 ms)
3.91K
2.93K
1.95K
1000.00
count
2
4
6
8
−−−−latency (ms)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

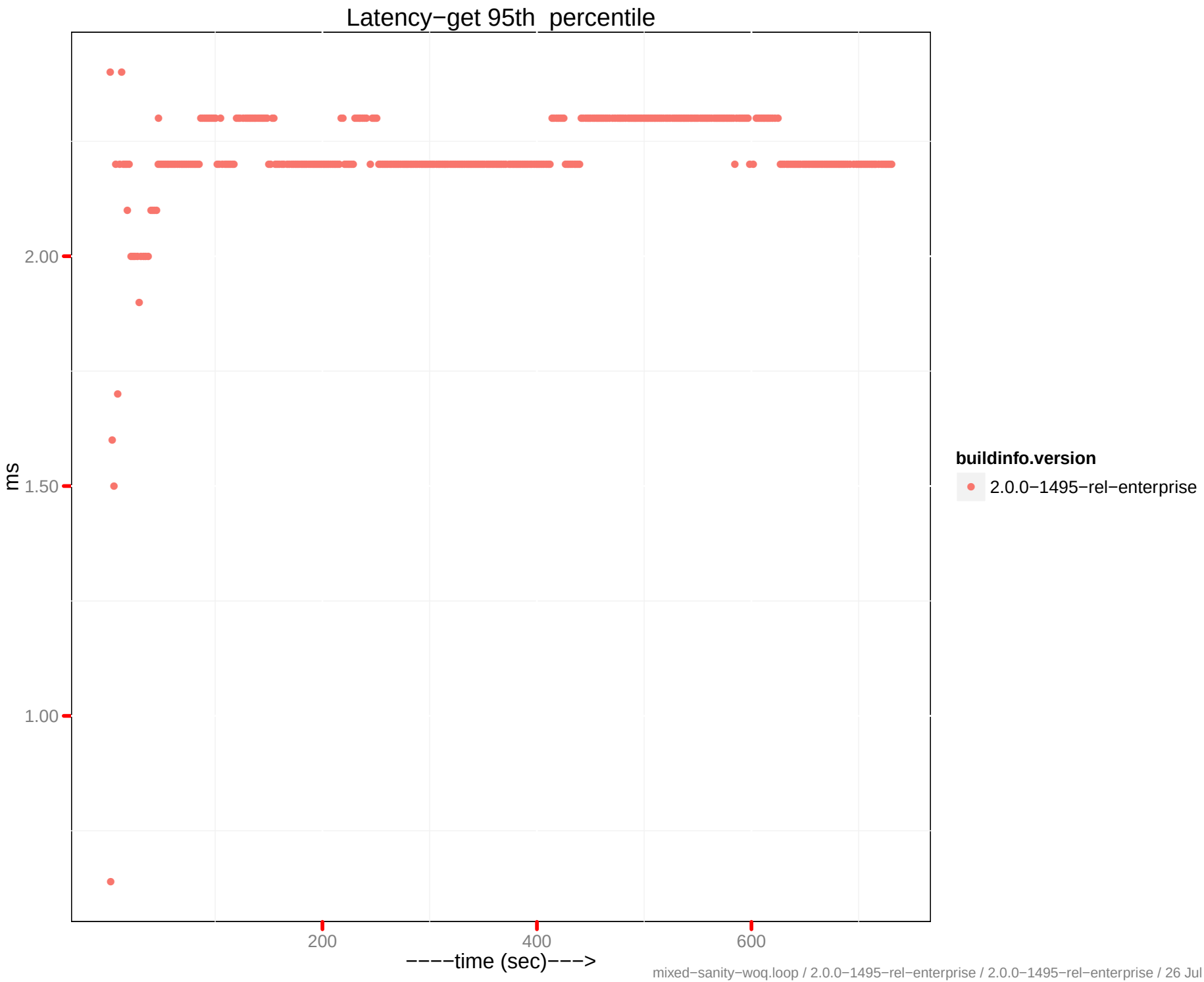

Latency set histogram
3.73G
2.79G
1.86G
953.67M
count
50
100
150
200
250
----latency (ms)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Final latency histogram for set commands
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

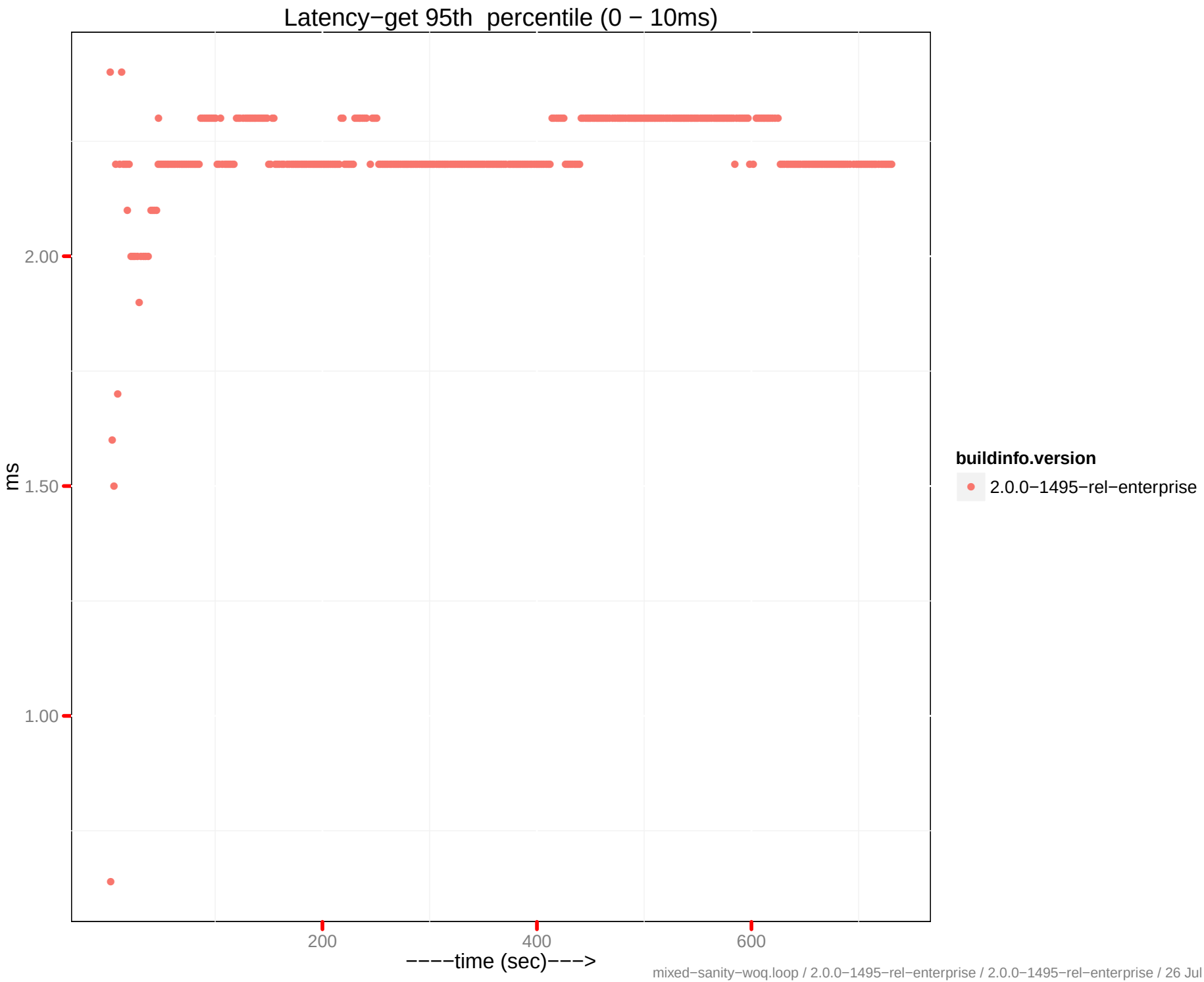

Latency set histogram (0−10 ms)
3.91K
2.93K
1.95K
1000.00
count
2
4
6
8
−−−−latency (ms)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

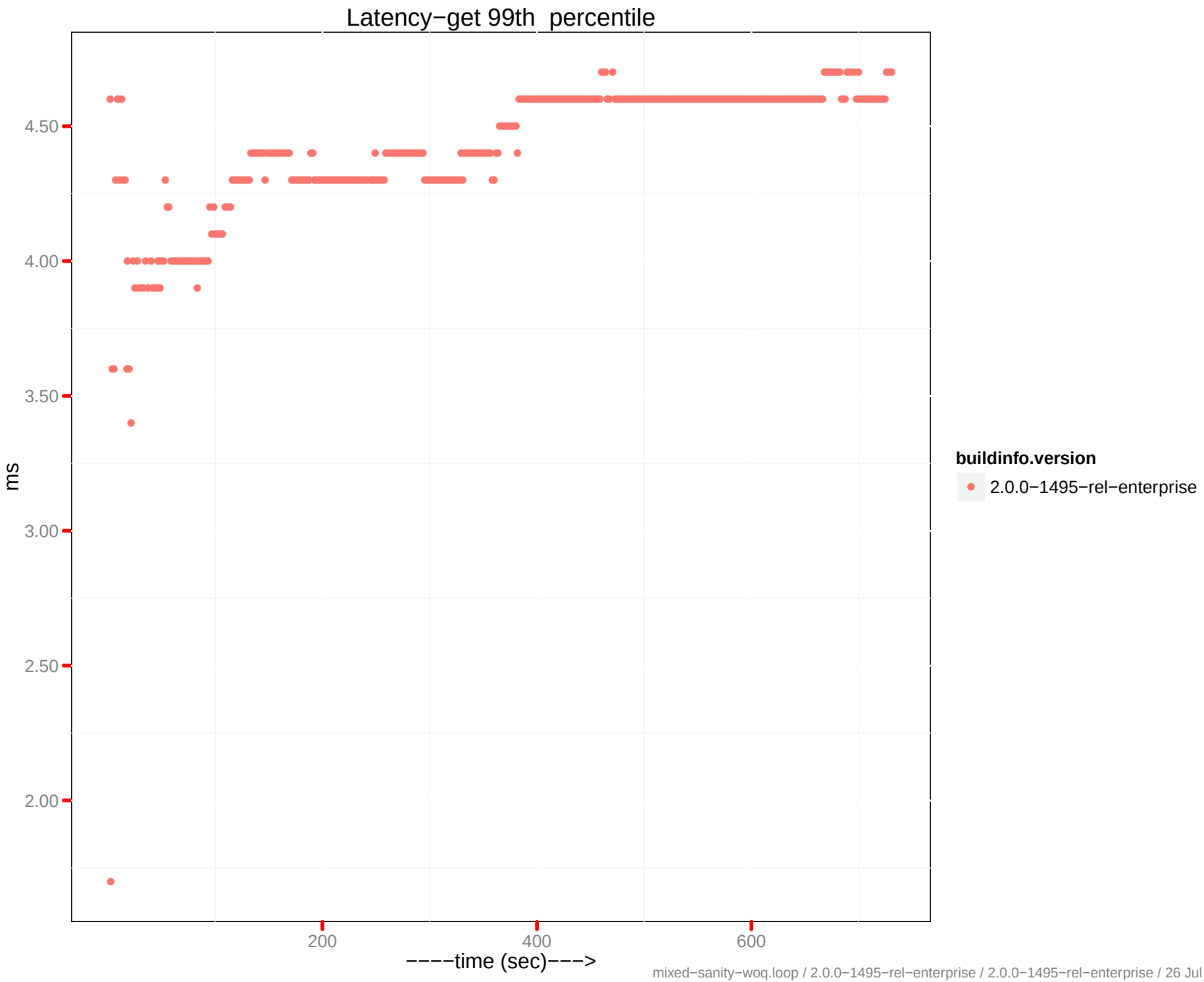

Latency woq histogram
3.73G
2.79G
1.86G
953.67M
count
20
40
60
80
----latency (s)--->
buildinfo.version
2.0.0-1495-rel-enterprise
Final latency histogram for woq commands
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

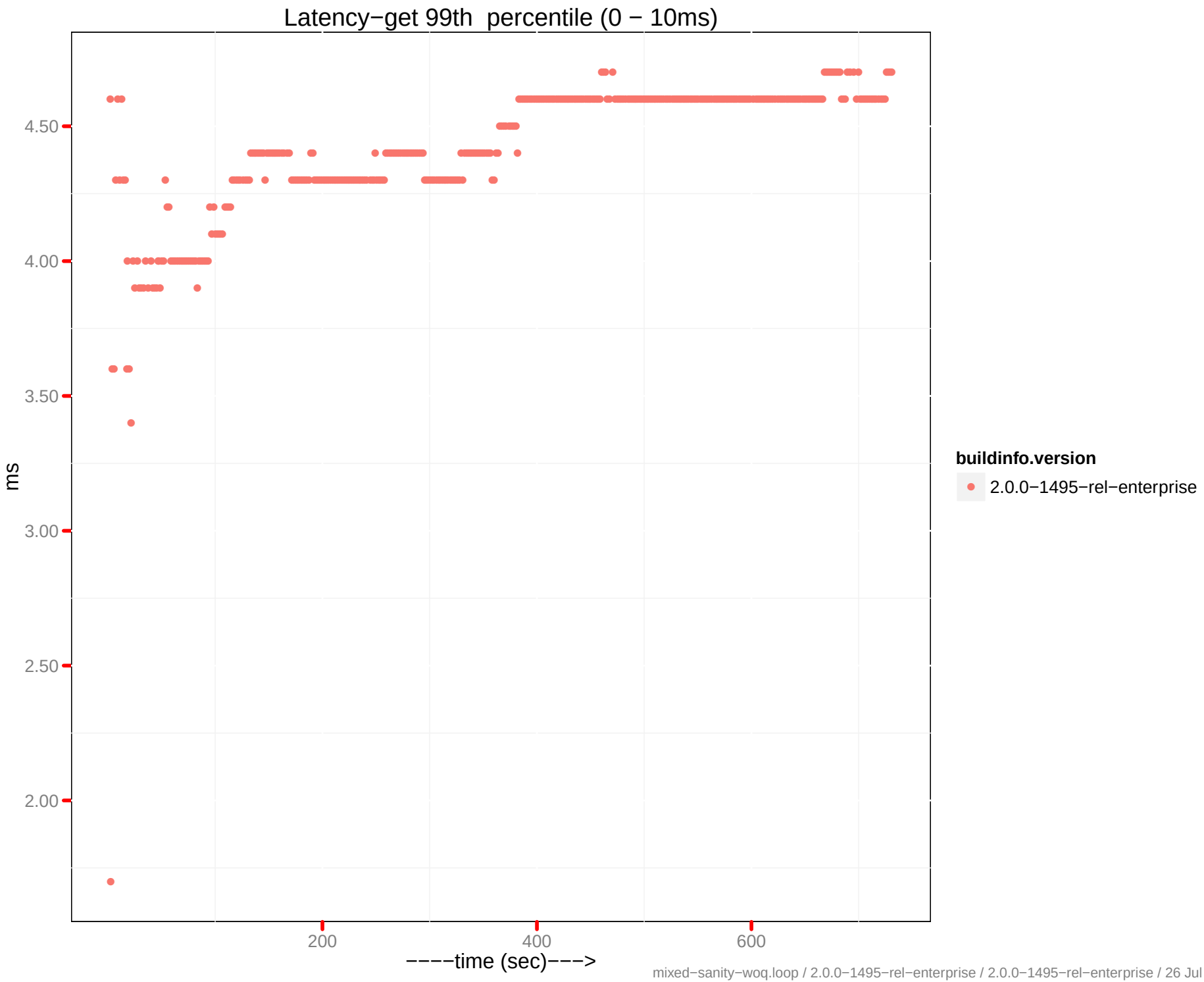

Latency−get 90th_percentile
1.20NA
1.00NA
819.20
614.40
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

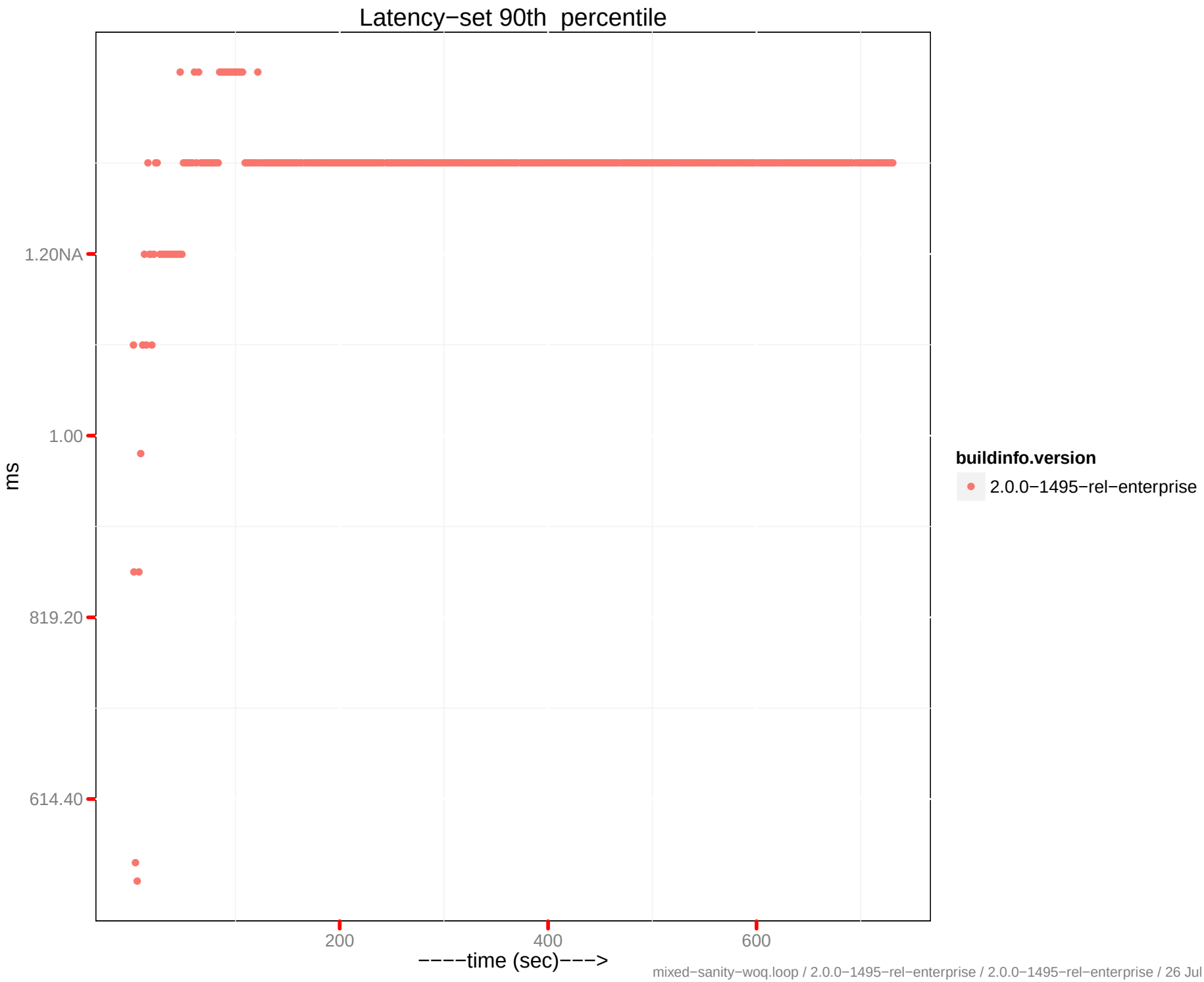

Latency−get 90th percentile (0 − 10ms)
1.20NA
1.00NA
819.20
614.40
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

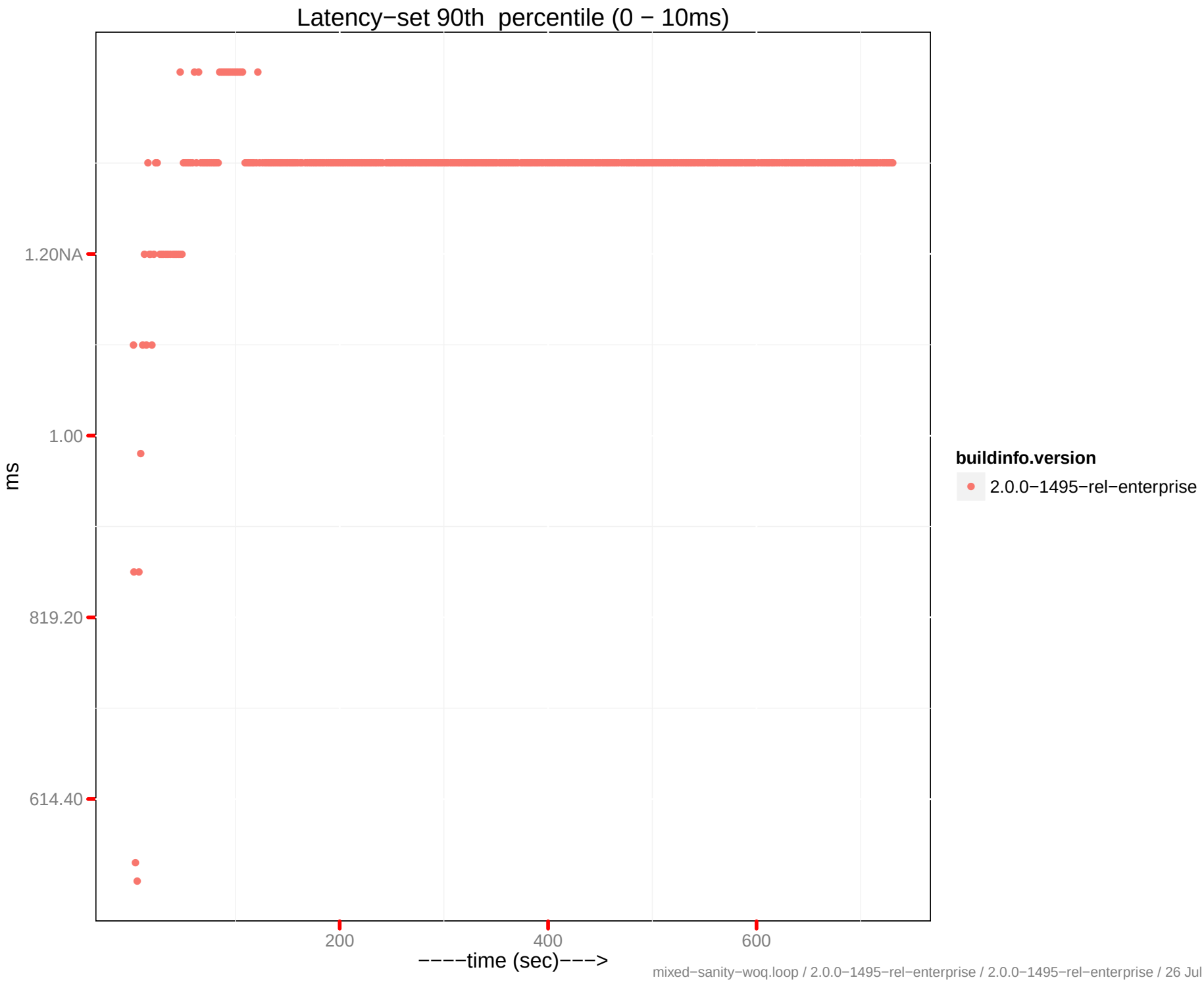

Latency−get 95th percentile
2.00
1.50
1.00
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

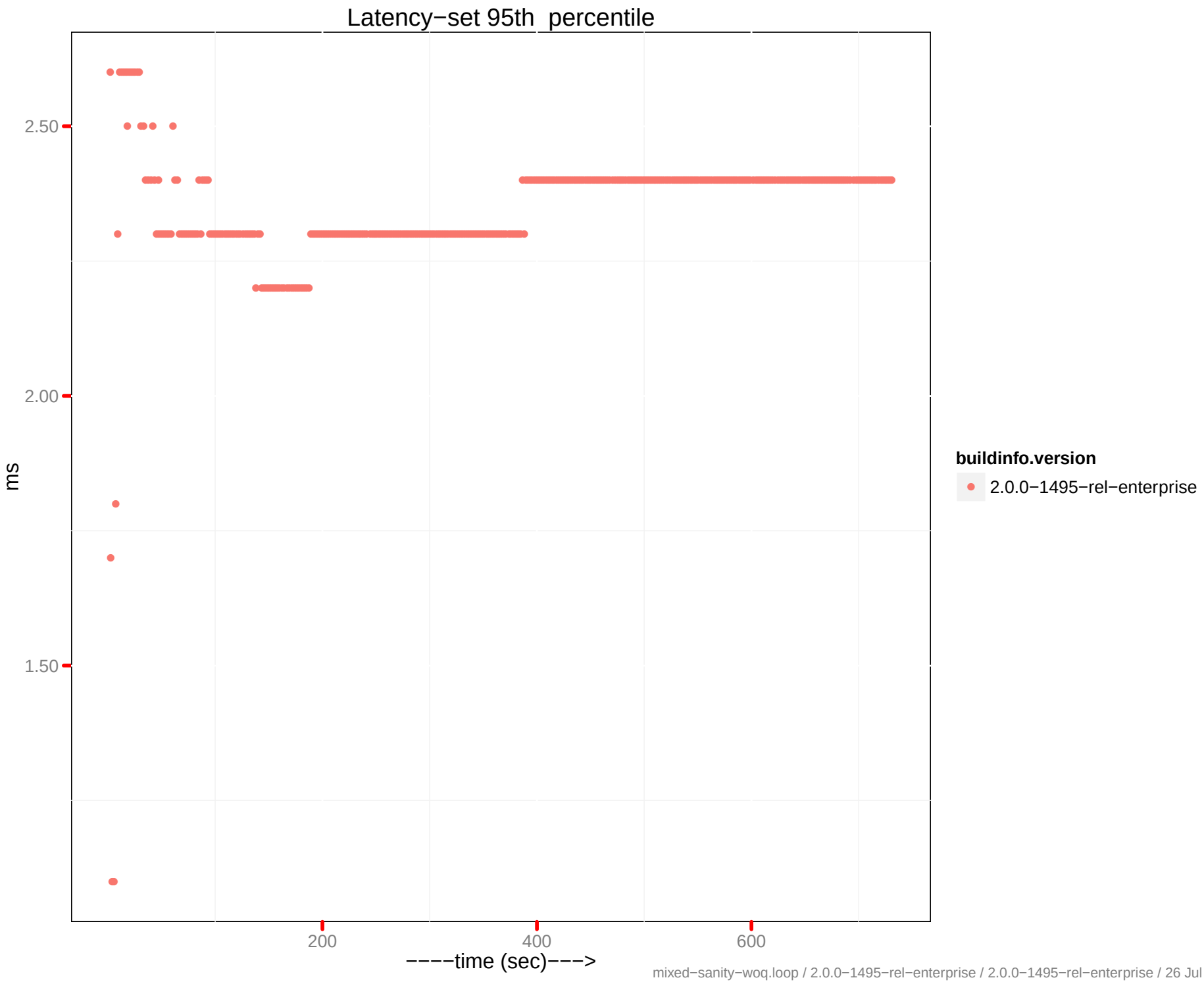

Latency−get 95th percentile (0 − 10ms)
2.00
1.50
1.00
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

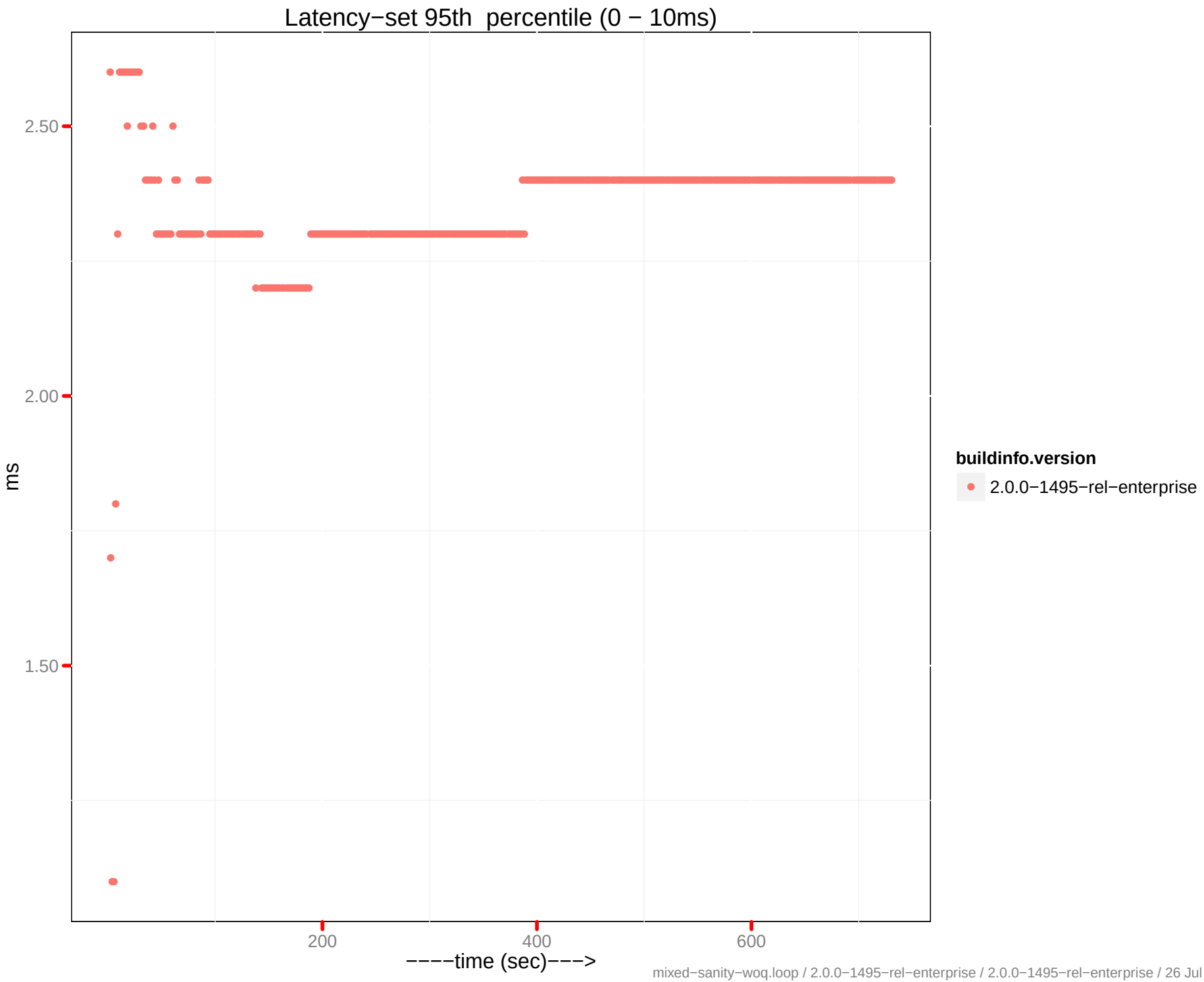

Latency−get 99th percentile
4.50
4.00
3.50
3.00
2.50
2.00
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

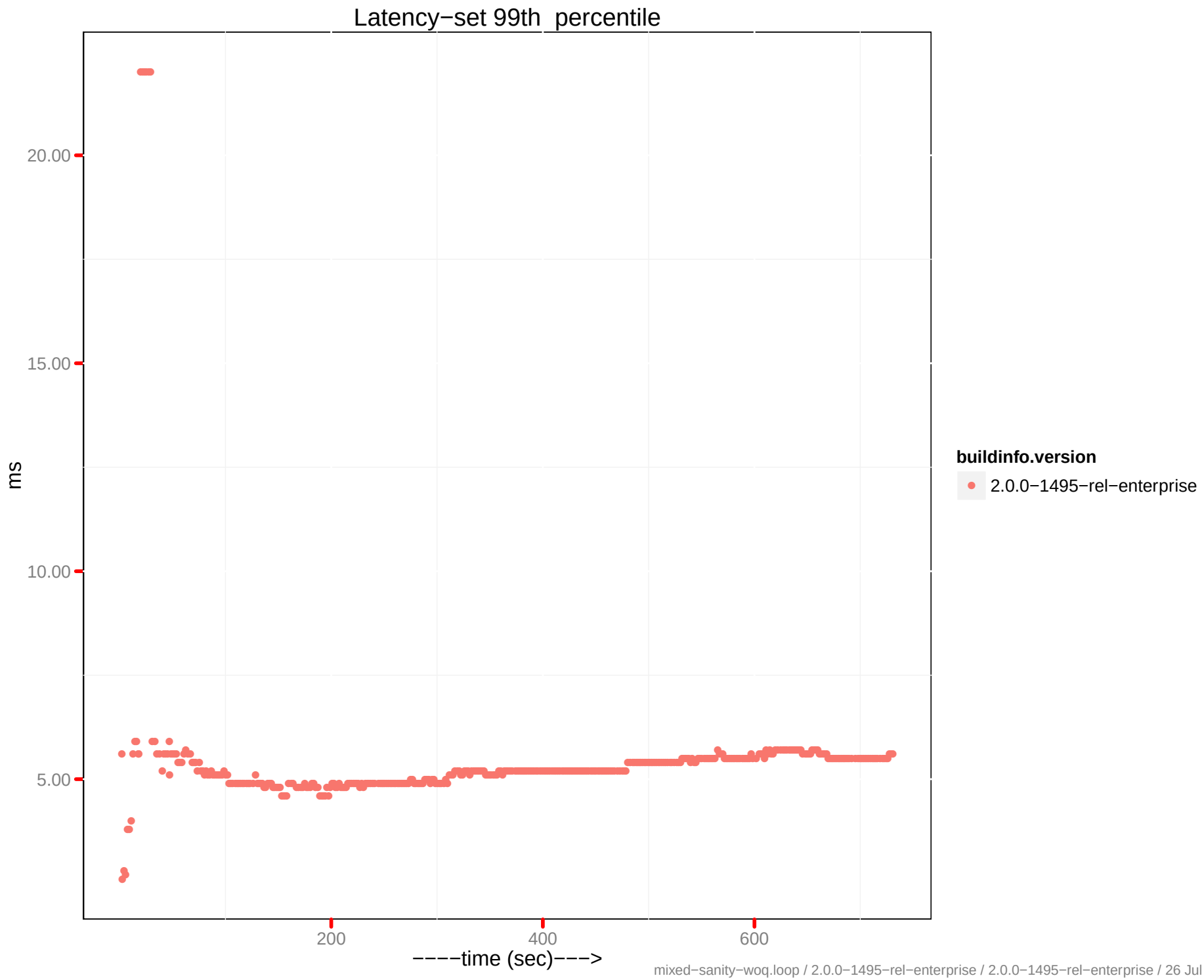

Latency−get 99th percentile (0 − 10ms)
4.50
4.00
3.50
3.00
2.50
2.00
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

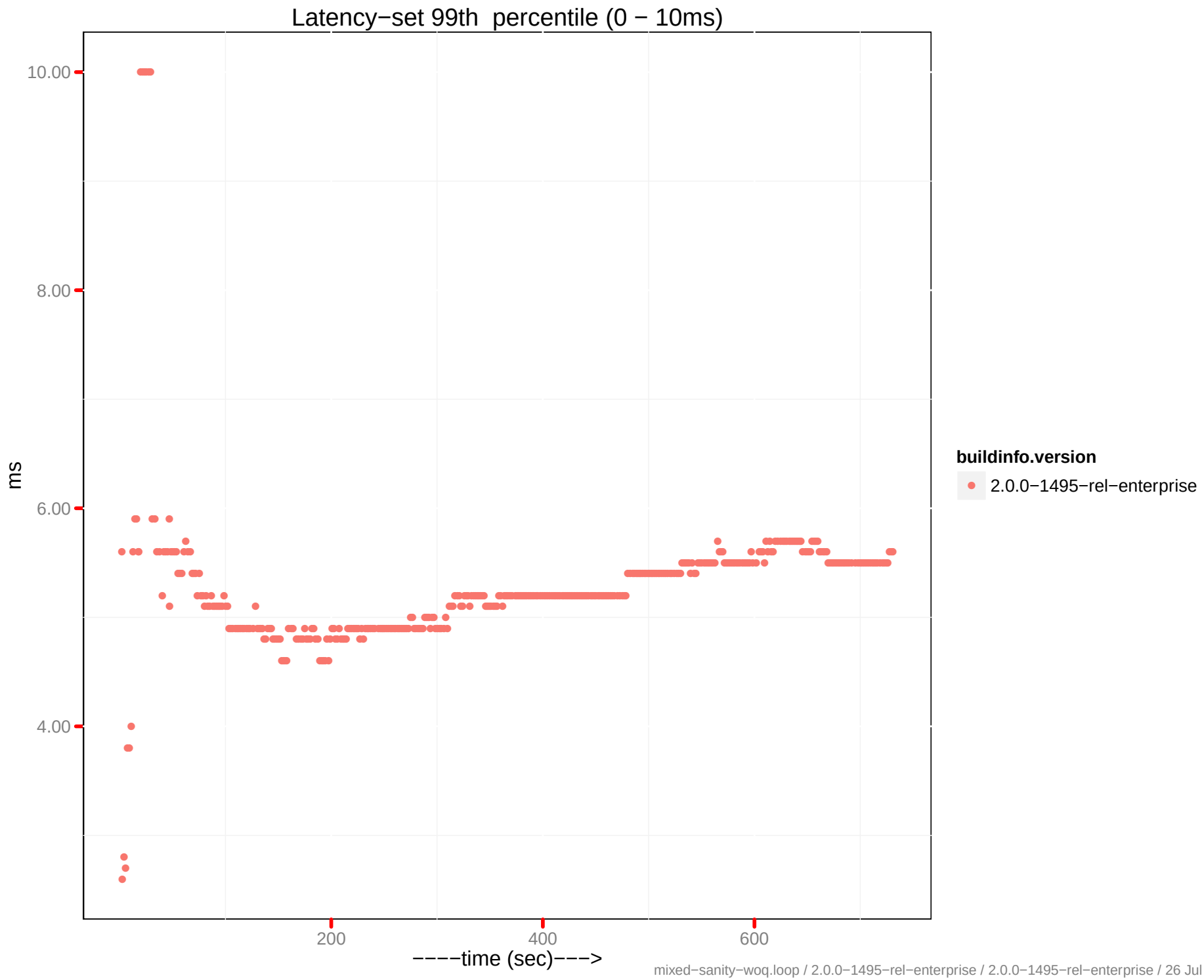

Latency−set 90th_percentile
1.20NA
1.00
819.20
614.40
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

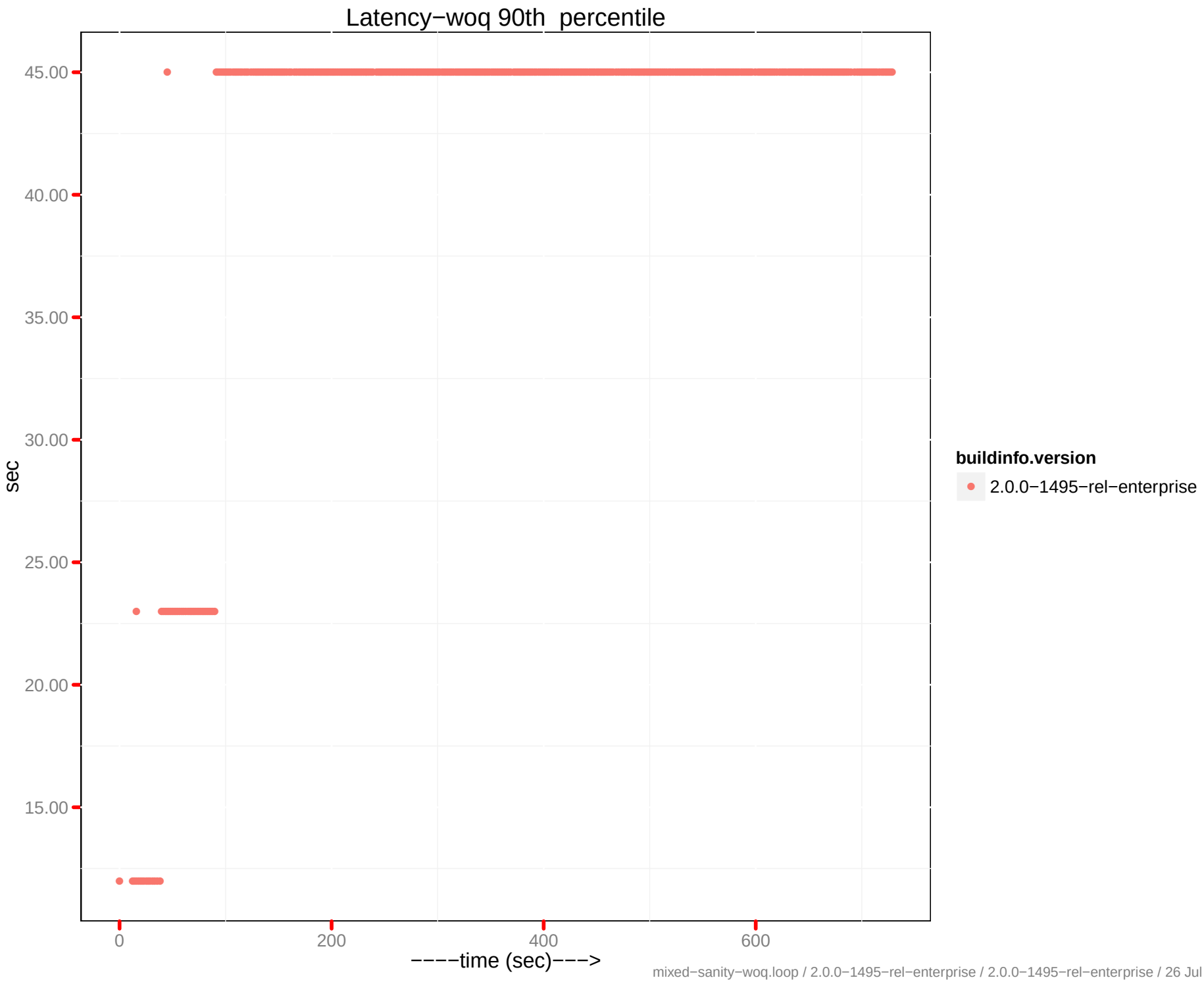

Latency−set 90th percentile (0 − 10ms)
1.20NA
1.00
819.20
614.40
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

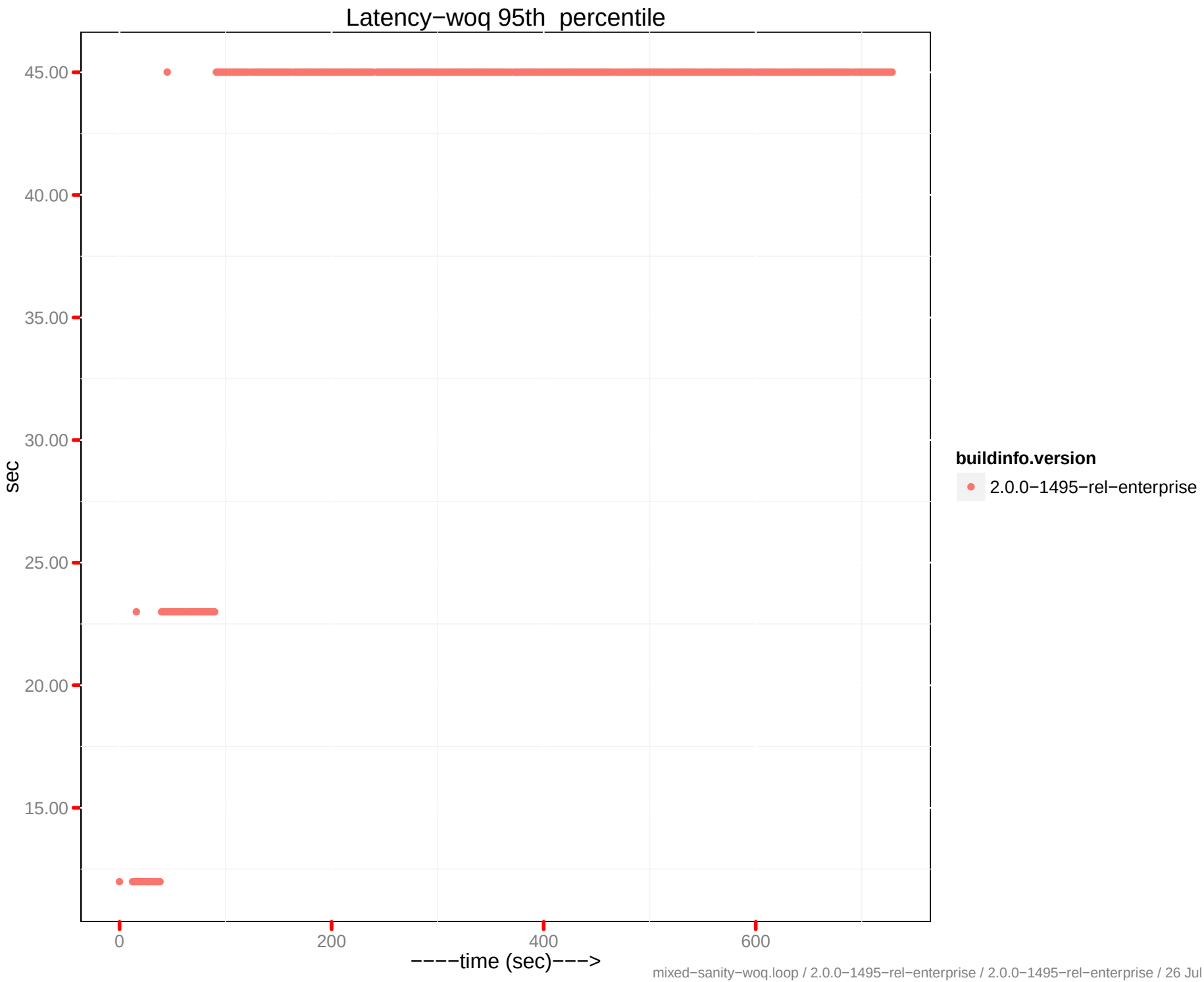

Latency−set 95th_percentile
2.50
2.00
1.50
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

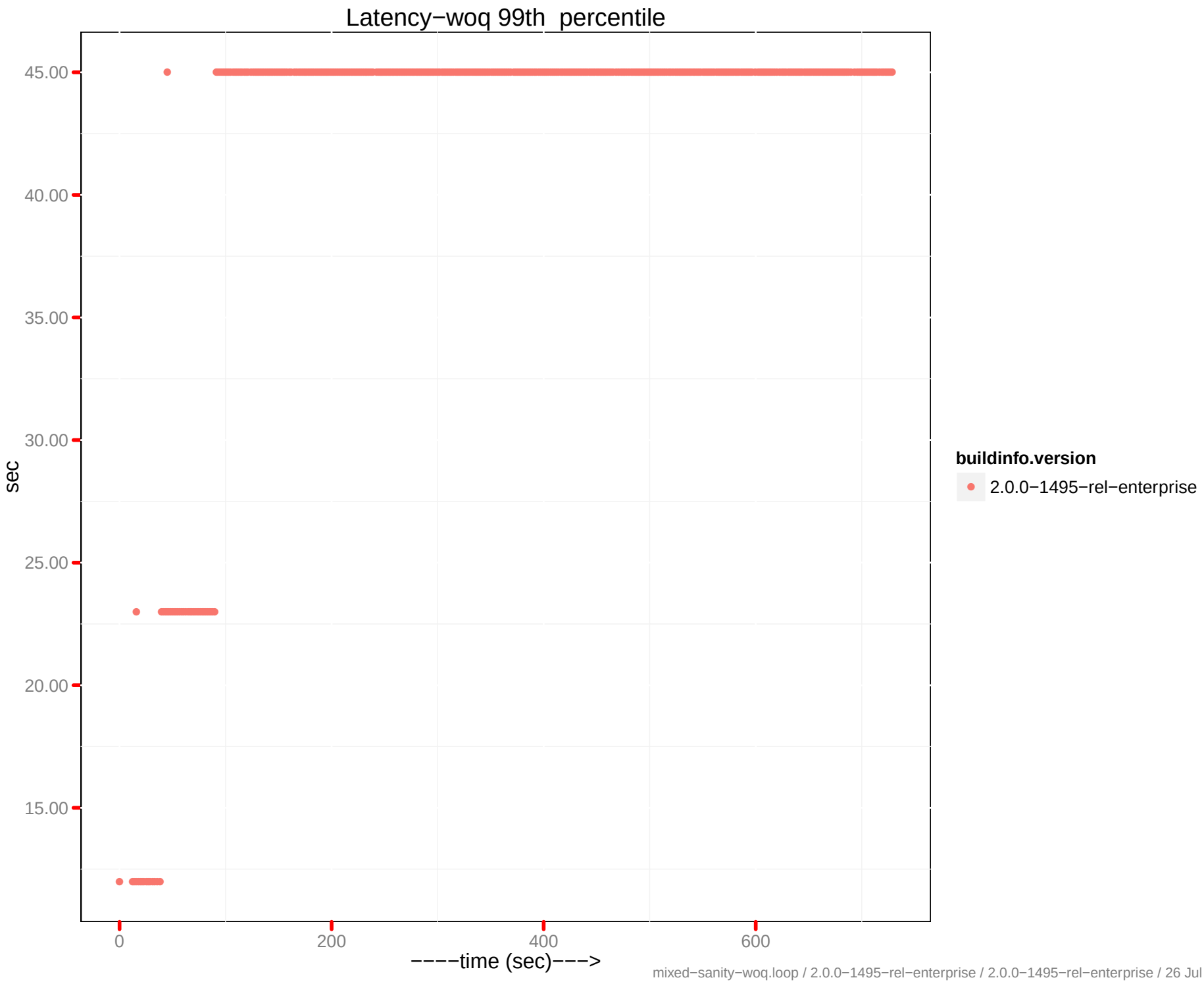

Latency−set 95th percentile (0 − 10ms)
2.50
2.00
1.50
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012

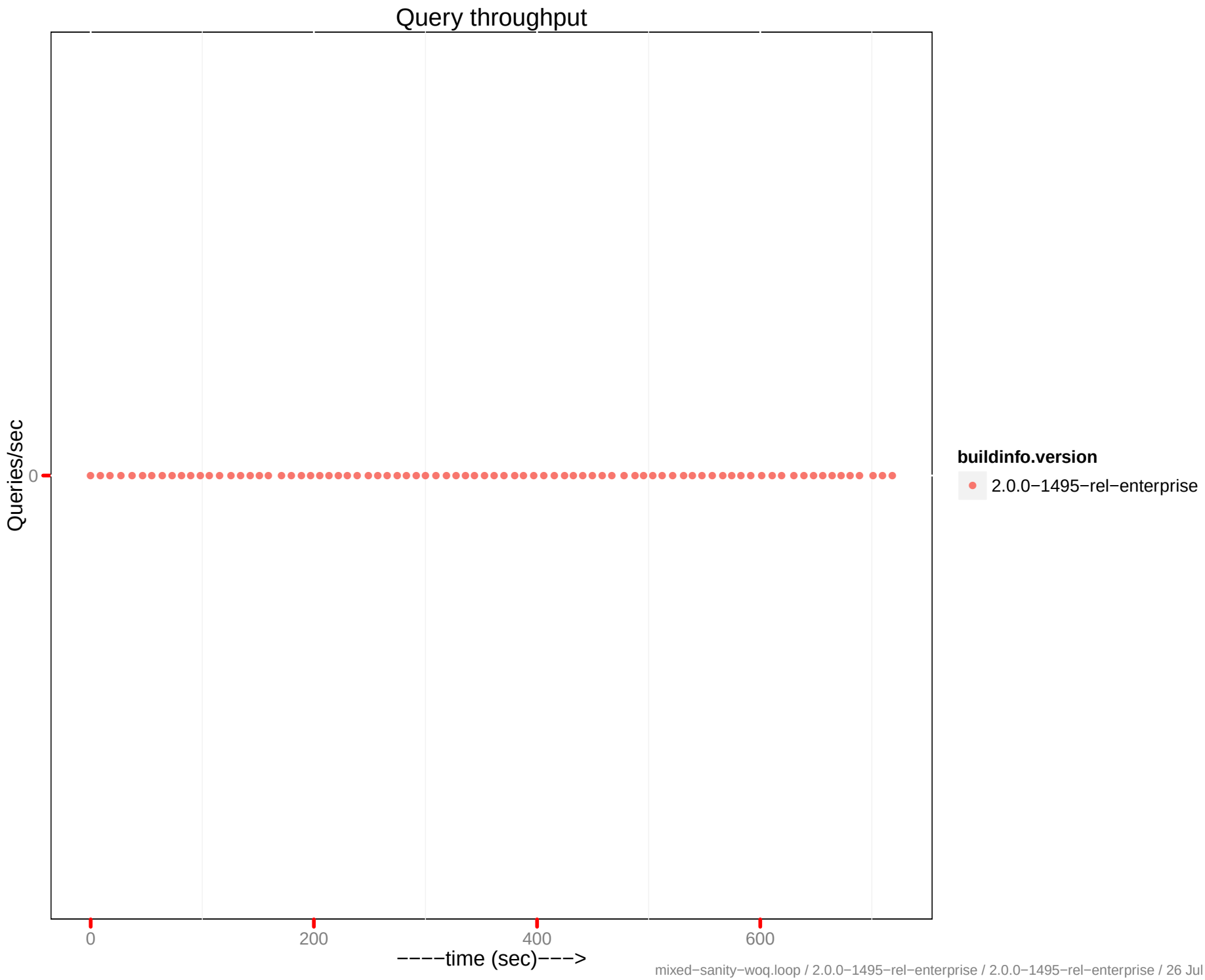

Latency−set 99th percentile
20.00
15.00
10.00
5.00
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012


Latency−set 99th percentile (0 − 10ms)
10.00
8.00
6.00
4.00
ms
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012


Latency−woq 90th percentile
45.00
40.00
35.00
30.00
25.00
20.00
15.00
sec
0
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012


Latency−woq 95th percentile
45.00
40.00
35.00
30.00
25.00
20.00
15.00
sec
0
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012


Latency−woq 99th percentile
45.00
40.00
35.00
30.00
25.00
20.00
15.00
sec
0
200
400
600
−−−−time (sec)−−−>
buildinfo.version
2.0.0−1495−rel−enterprise
mixed−sanity−woq.loop / 2.0.0−1495−rel−enterprise / 2.0.0−1495−rel−enterprise / 26 Jul 2012


Query throughput
Queries/sec
0
0
200
400
600
----time (sec)--->
buildinfo.version
2.0.0-1495-rel-enterprise
mixed-sanity-woq.loop / 2.0.0-1495-rel-enterprise / 2.0.0-1495-rel-enterprise / 26 Jul 2012

```
mixed-sanity-woq.conf
# mixed 0.5M load, 0.1M hot reload, 0.5M access creates
#
# with observe enabled, wait for draining
# system memory: 20G per node

performance.eperf.EPerfClient.test_eperf_mixed

params:

# general
batch=50
kind=nonjson
mem_quota=20000
spec=mixed-sanity-woq
woq_pattern=1
woq_verbose=1

# load phase
hot_init_items=100000
items=500000

# access phase
# Read:Insert:Update:Delete Ratio = 50:4:40:6.
ratio_sets=0.5
ratio_misses=0.05
ratio_creates=0.08
ratio_deletes=0.13
ratio_hot=0.05
ratio_hot_gets=0.0995
ratio_hot_sets=0.0995
ratio_expirations=0.03
max_creates=500000

# control (defaults: pytests/performance/perf_defaults.py)
load_wait_until_drained=1
loop_wait_until_drained=1
mcsoda_heartbeat=3
tear_down=1
tear_down_proxy=1
tear_down_bucket=0
tear_down_cluster=1
tear_down_on_setup=0
```

```
hummer-dedicated-2.ini
[global]
username:root
password:couchbase
port:8091
data_path:/data

[servers]
1:192.168.162.22
2:192.168.162.23

[clients]
1:192.168.162.27
2:192.168.162.28
3:192.168.162.29

[membase]
rest_username:Administrator
rest_password:password

[dashboard]
1:dashboard.hq.couchbase.com:80
```