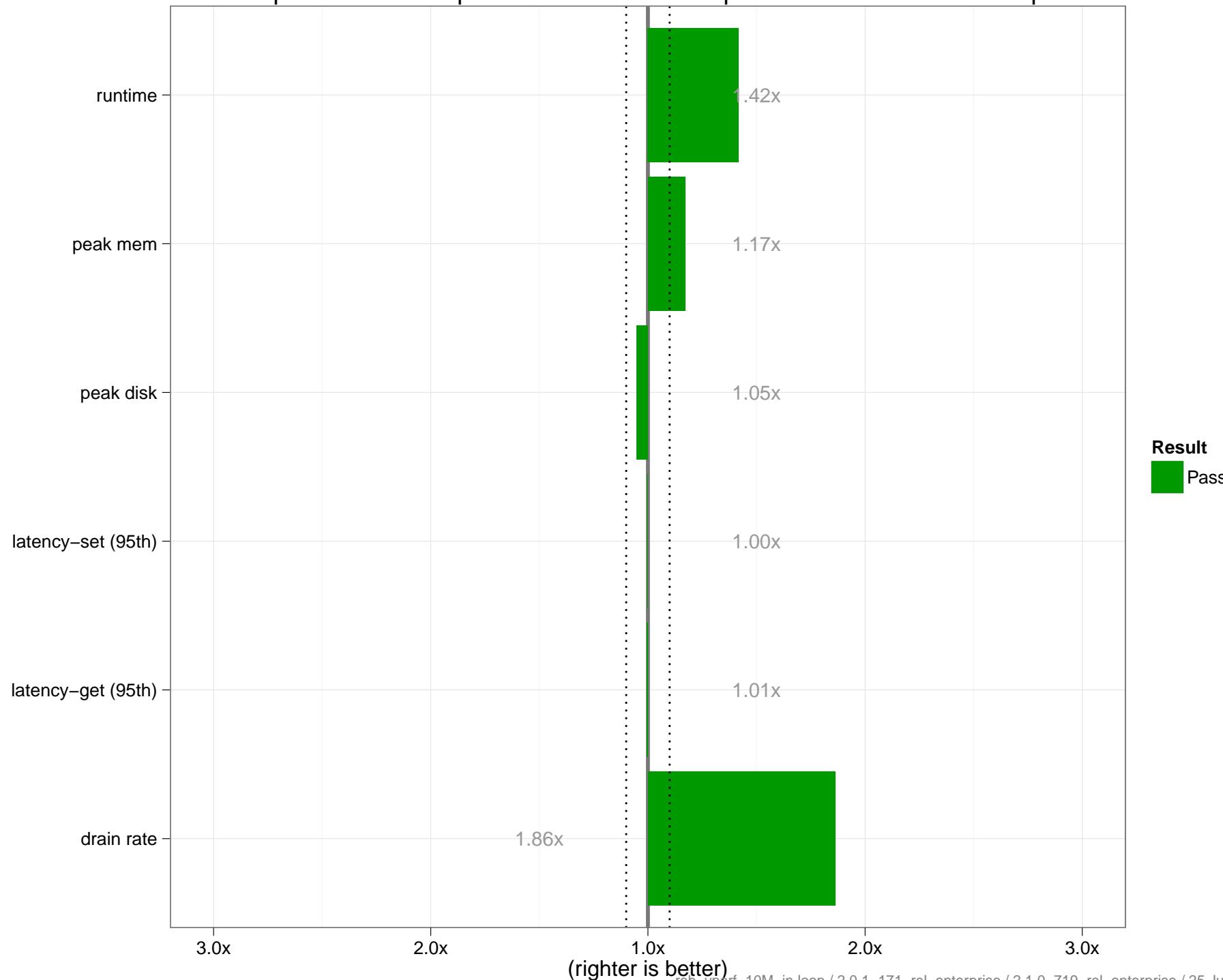
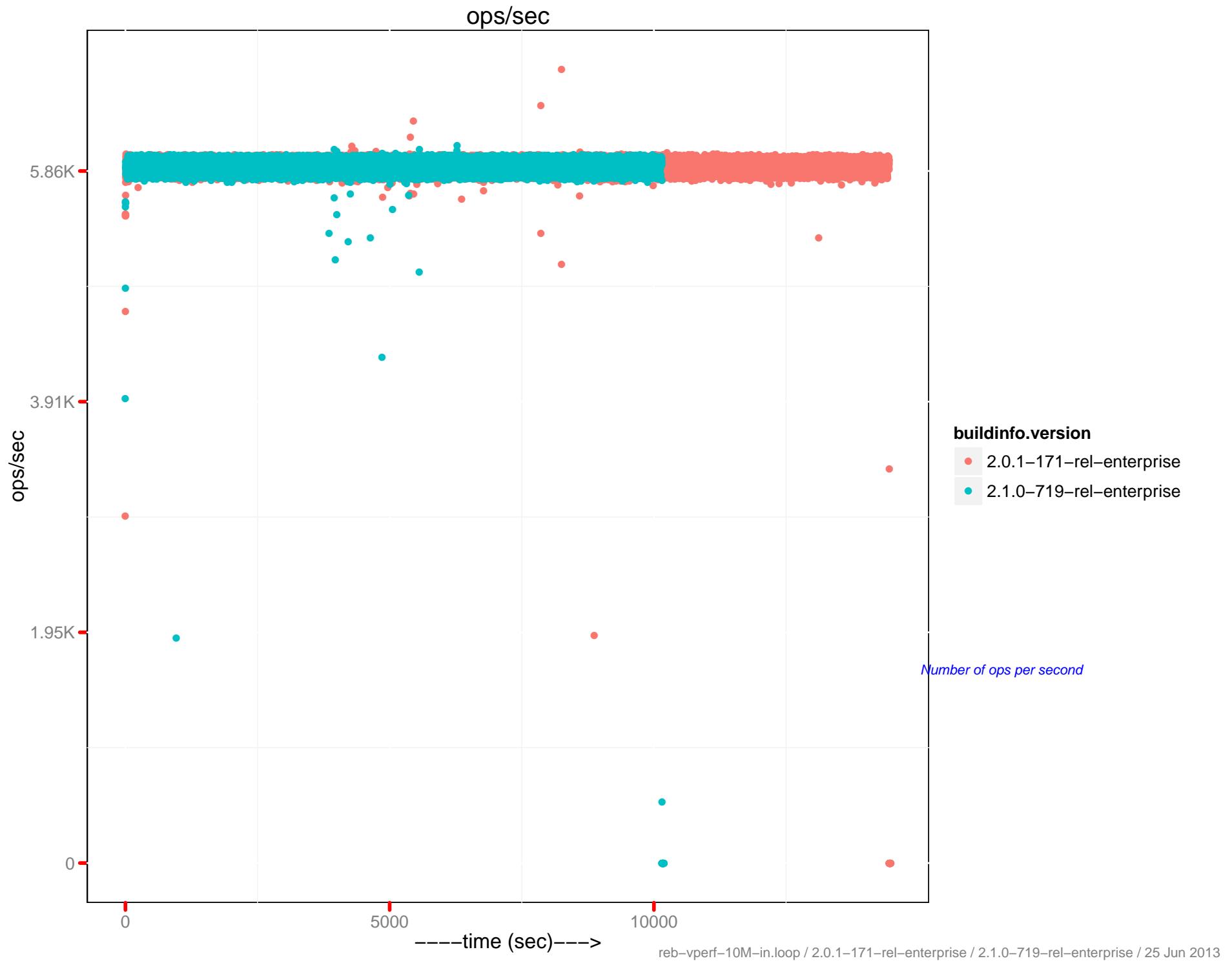


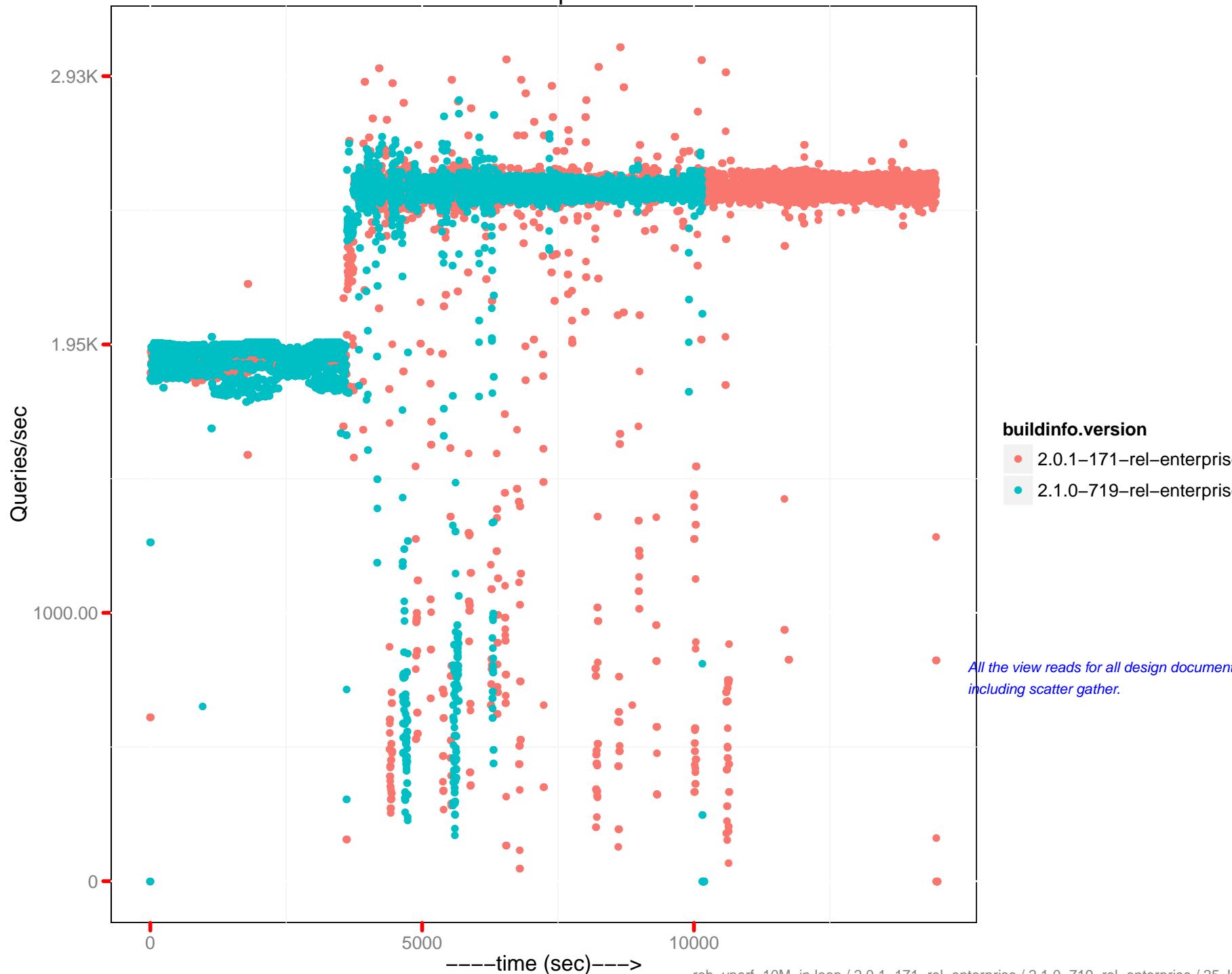
reb-vperf-10M-in.loop : 2.0.1-171-rel-enterprise : 2.1.0-719-rel-enterprise



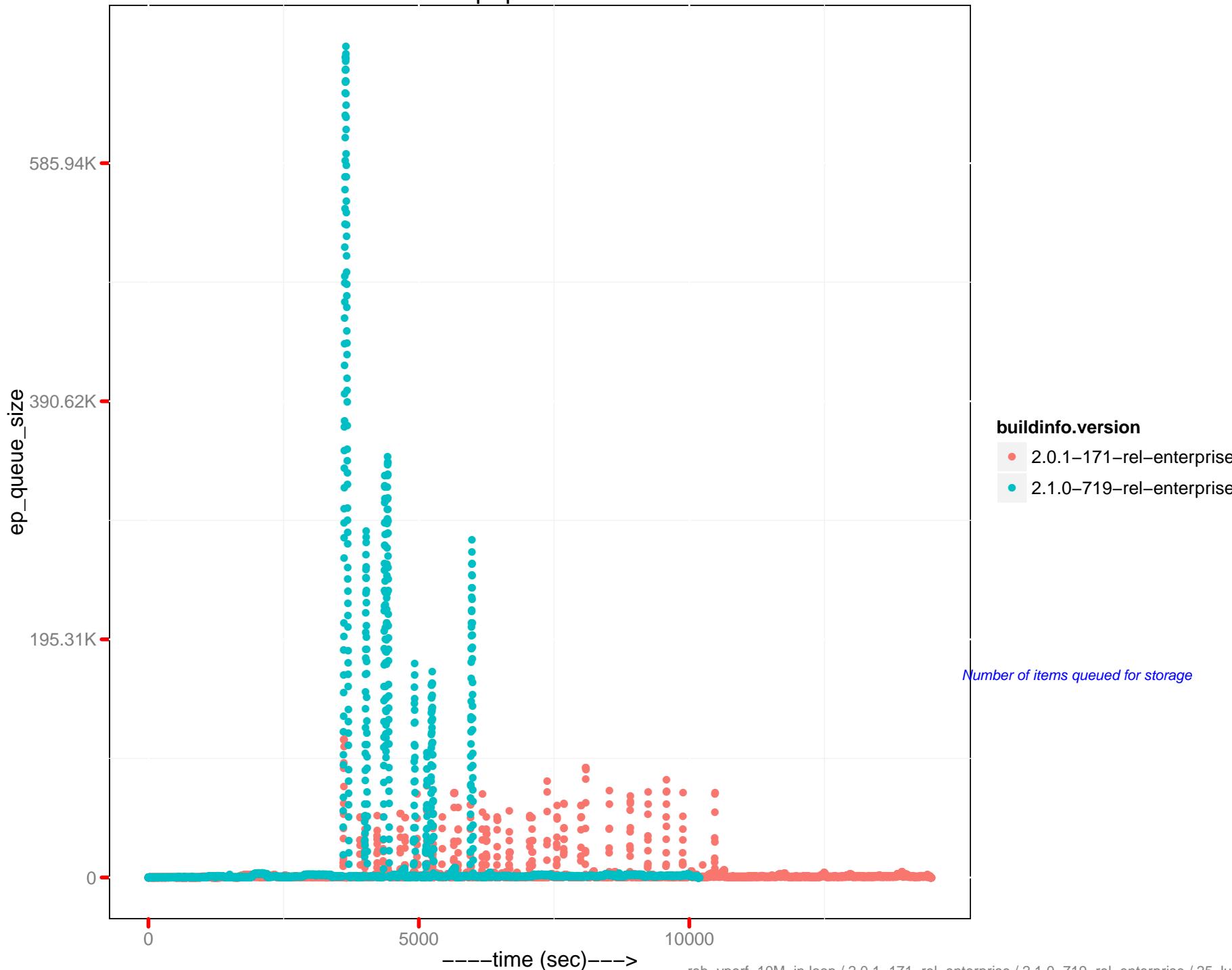
	<b>2.0.1 – 171</b>	<b>2.1.0 – 719</b>
<i>Runtime (in hr)</i>	4.03	2.84
<i>Avg. Drain Rate</i>	1.00K	1.87K
<i>Peak Disk (GB)</i>	67.82	71.27
<i>Peak Memory (GB)</i>	82913.83	70771.78
<i>Avg. OPS</i>	5.89K	5.89K
<i>Avg. mem memcached (GB)</i>	69415.95	69478.35
<i>Avg. mem beam.smp (MB)</i>	6277351.4	1285764.62
<i>Avg. CPU rate (%)</i>	29.13	29.05
<i>Latency–get (90th) (ms)</i>	1.3	1.3
<i>Latency–get (95th) (ms)</i>	1.49	1.5
<i>Latency–get (99th) (ms)</i>	2.16	2.31
<i>Latency–set (90th) (ms)</i>	1.4	1.4
<i>Latency–set (95th) (ms)</i>	1.57	1.58
<i>Latency–set (99th) (ms)</i>	2.14	2.41
<i>Latency–query (80th) (ms)</i>	9.24	8.5
<i>Latency–query (90th) (ms)</i>	10.17	9.56
<i>Latency–query (95th) (ms)</i>	12.08	11.98
<i>Latency–query (99th) (ms)</i>	85.97	81.73
<i>Latency–query (99.9th) (ms)</i>	1386.74	972.58
<i>Avg. QPS</i>	605.66	612.62
<i>Avg. XDC ops/sec</i>	NaN	NaN
<i>Avg. XDC docs to replicate</i>	NaN	NaN
<i>Rebalance Time (sec)</i>	7246.67	2944.75
<i>Testrunner Version</i>	4ed3ec1	a61dd1d



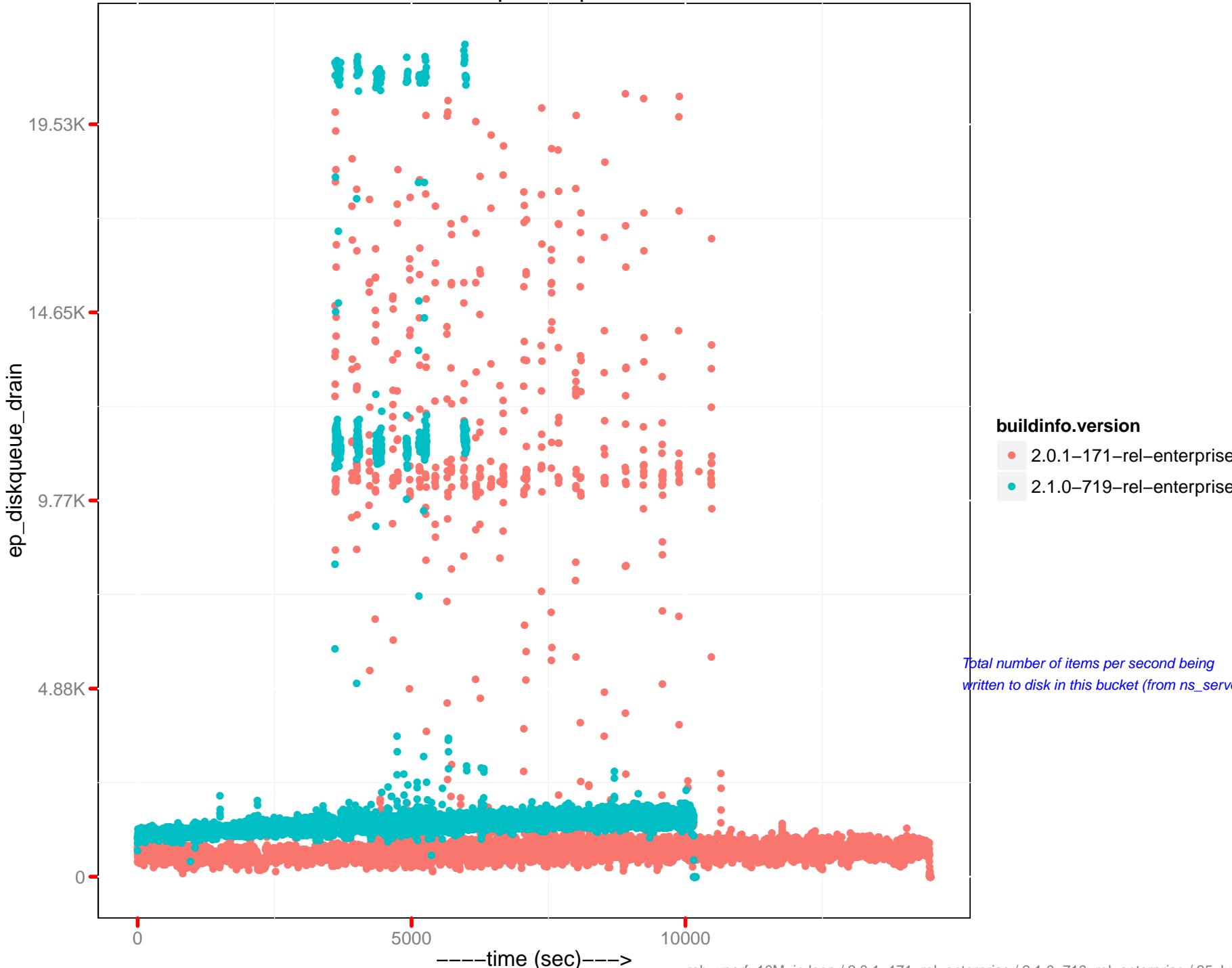
### View read per sec.



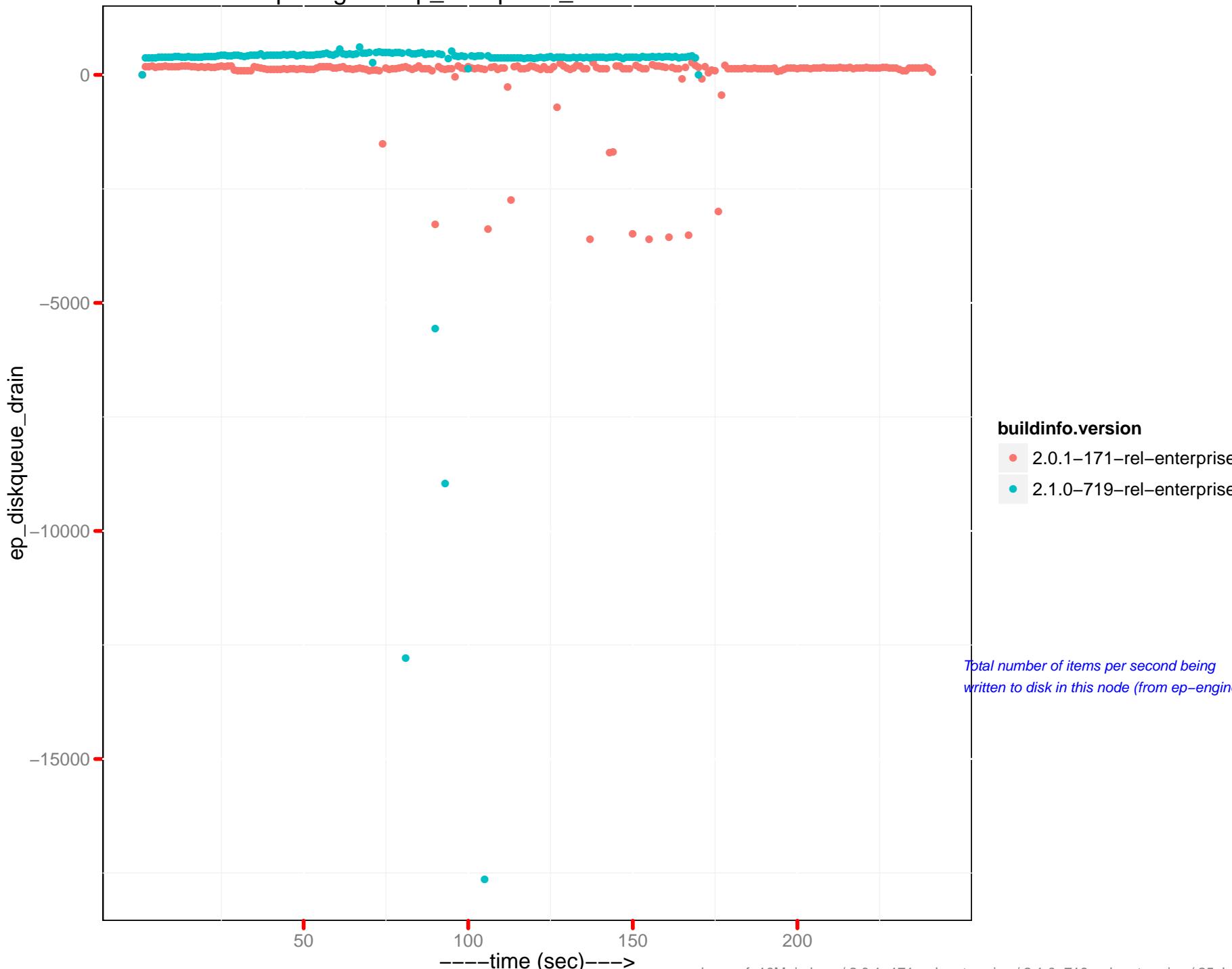
## ep queue size



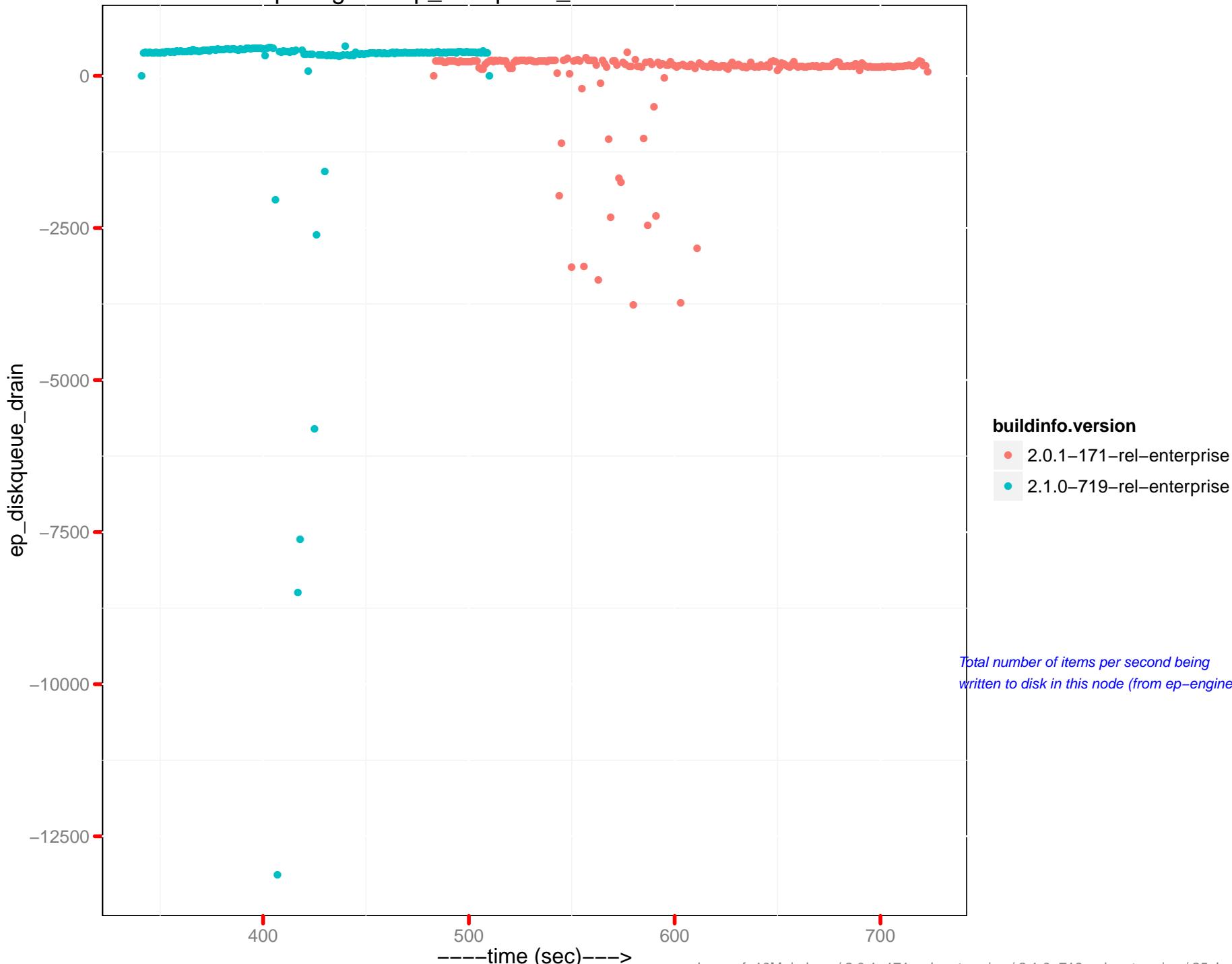
### ns\_server: ep\_diskqueue\_drain



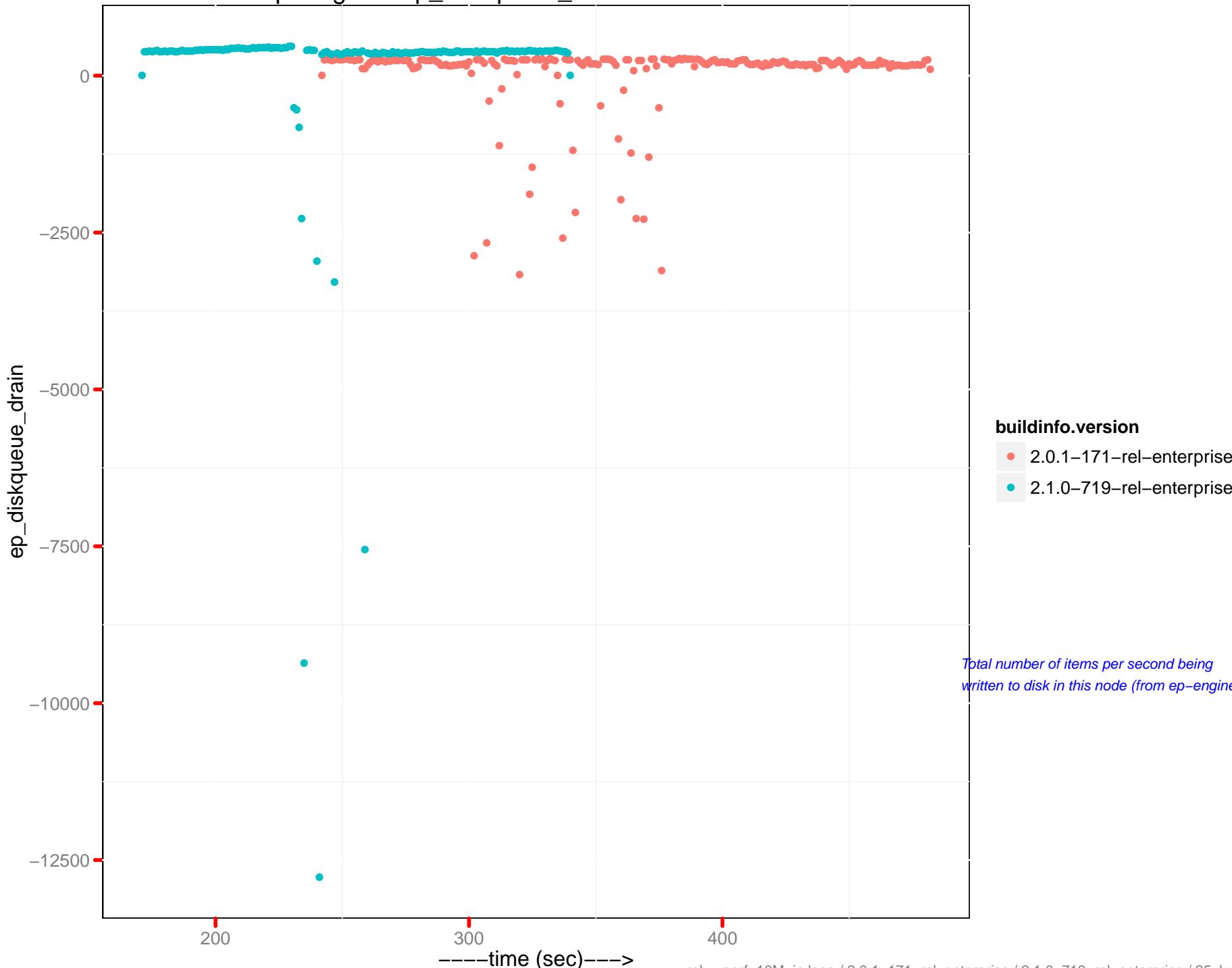
# ep-engine : ep\_diskqueue\_drain – 172.23.96.15



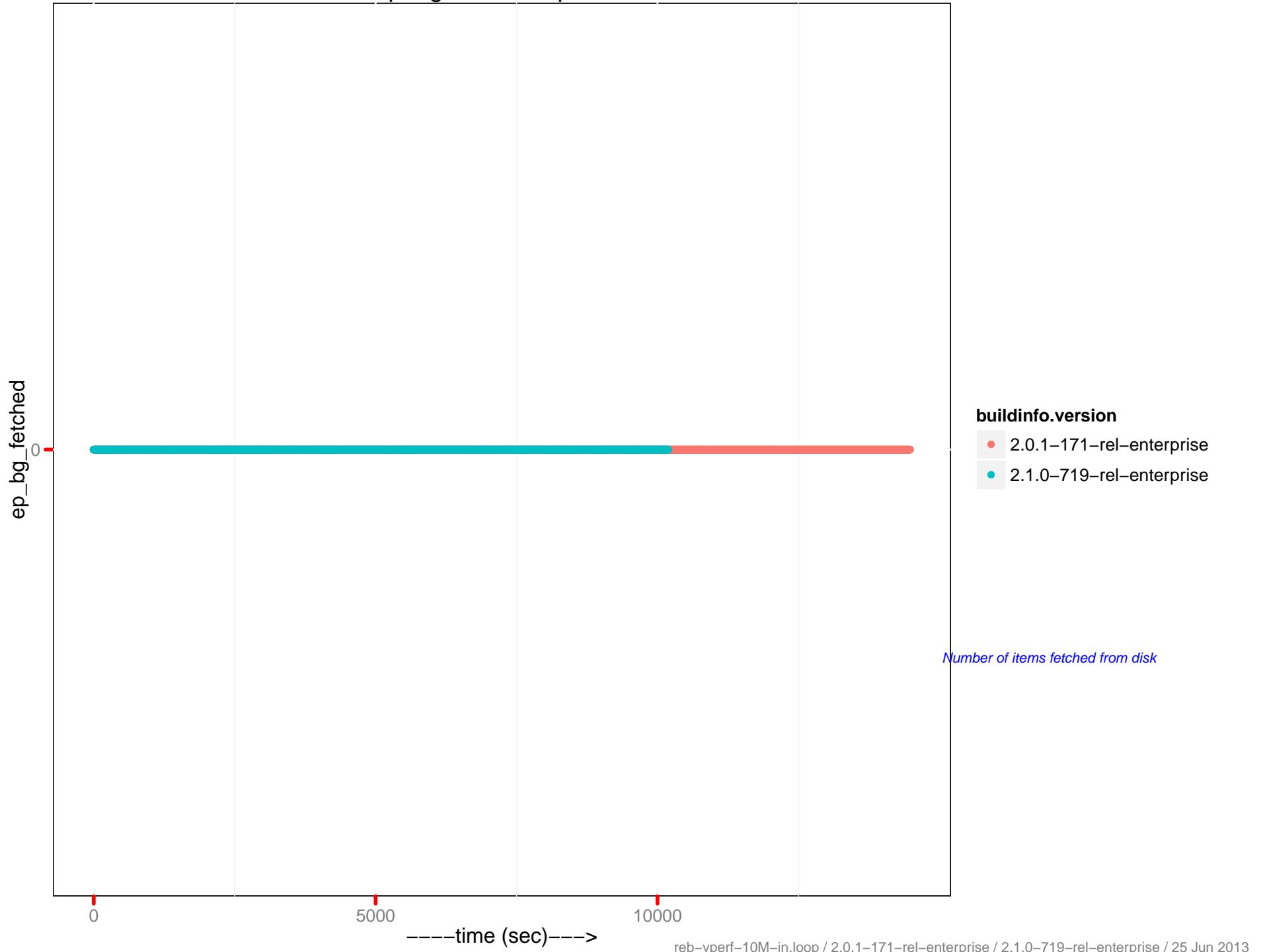
# ep-engine : ep\_diskqueue\_drain – 172.23.96.16



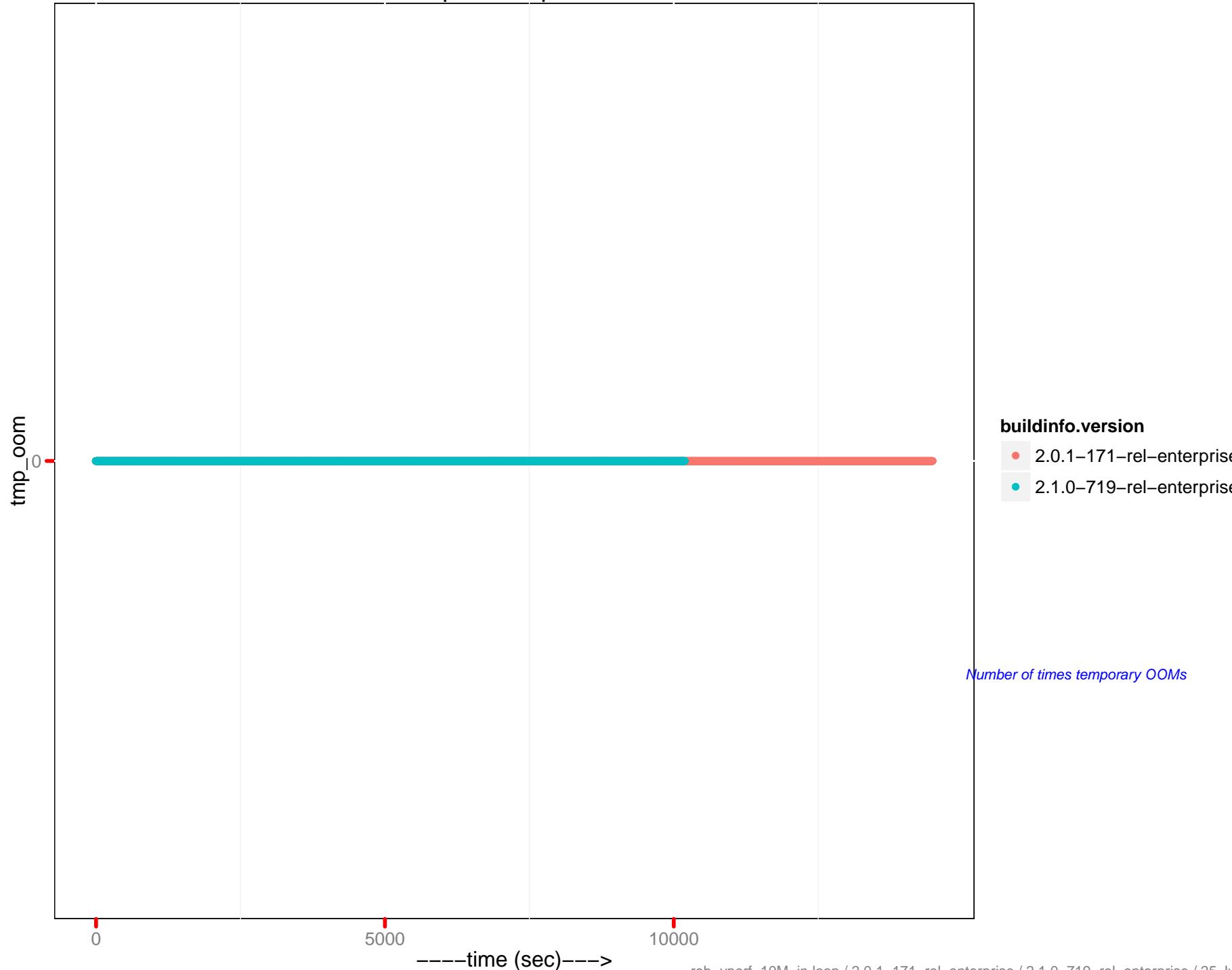
# ep-engine : ep\_diskqueue\_drain – 172.23.96.17



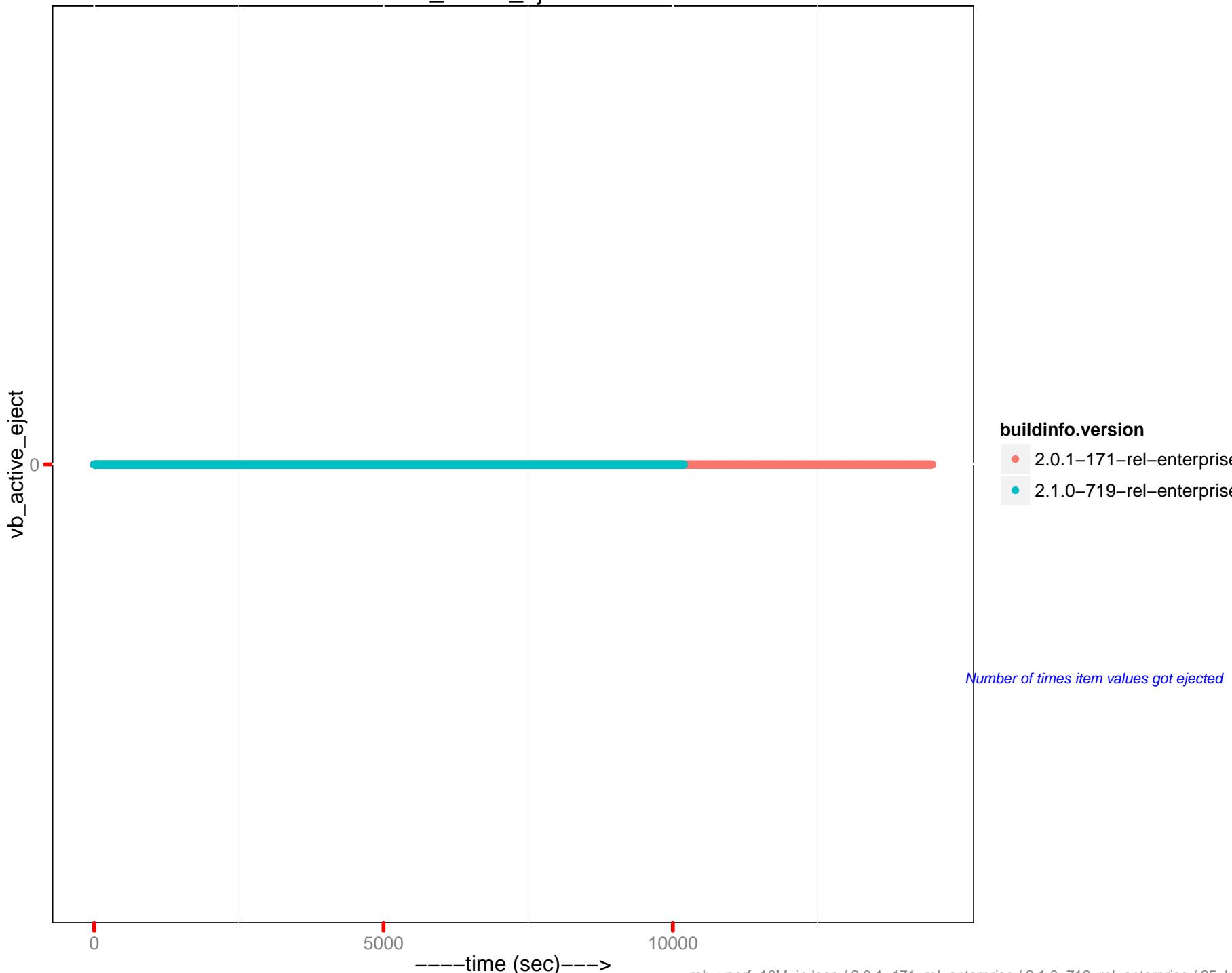
## ep\_bg\_fetched ops/sec



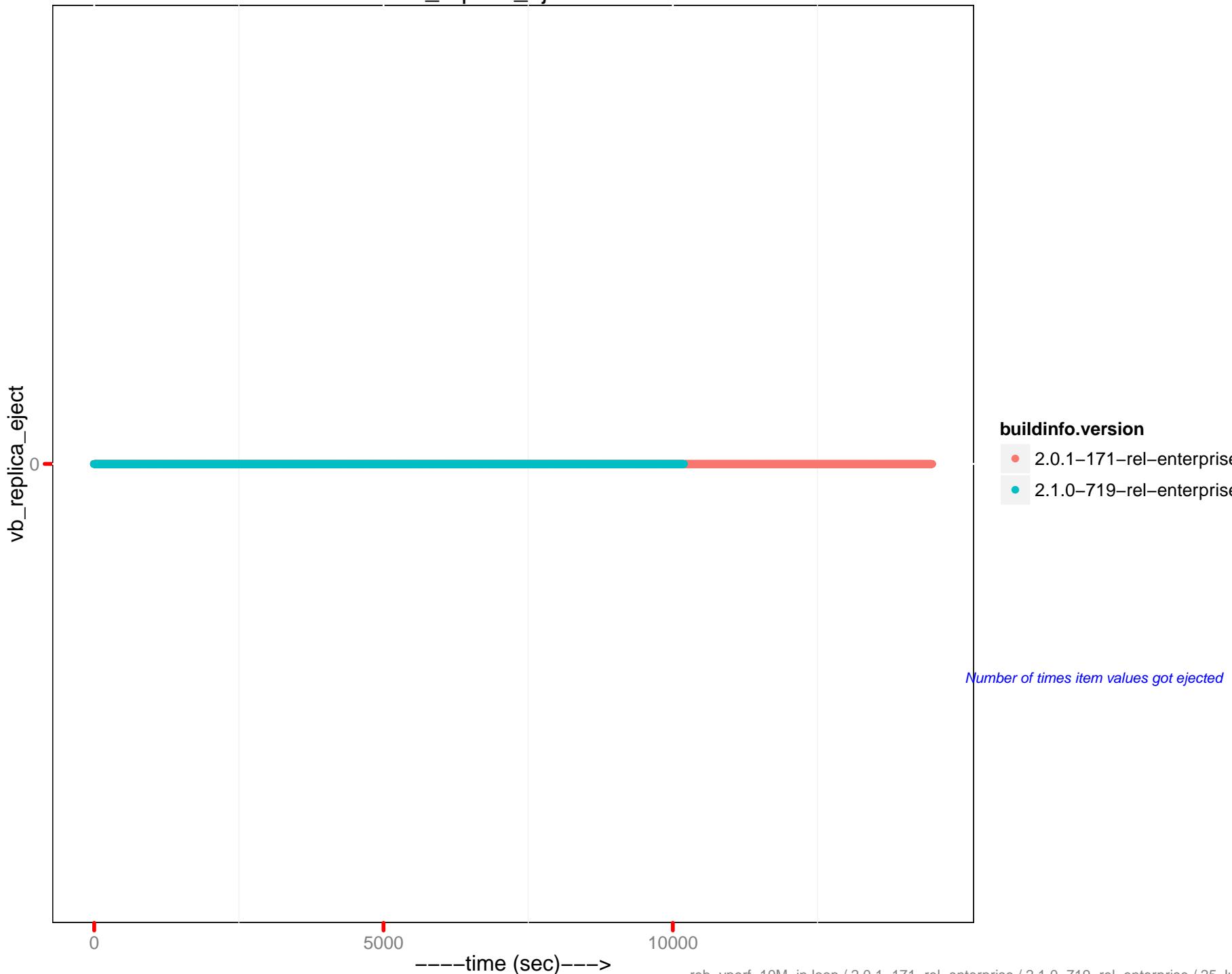
## tmp\_oom ops/sec



## vb\_active\_eject/sec

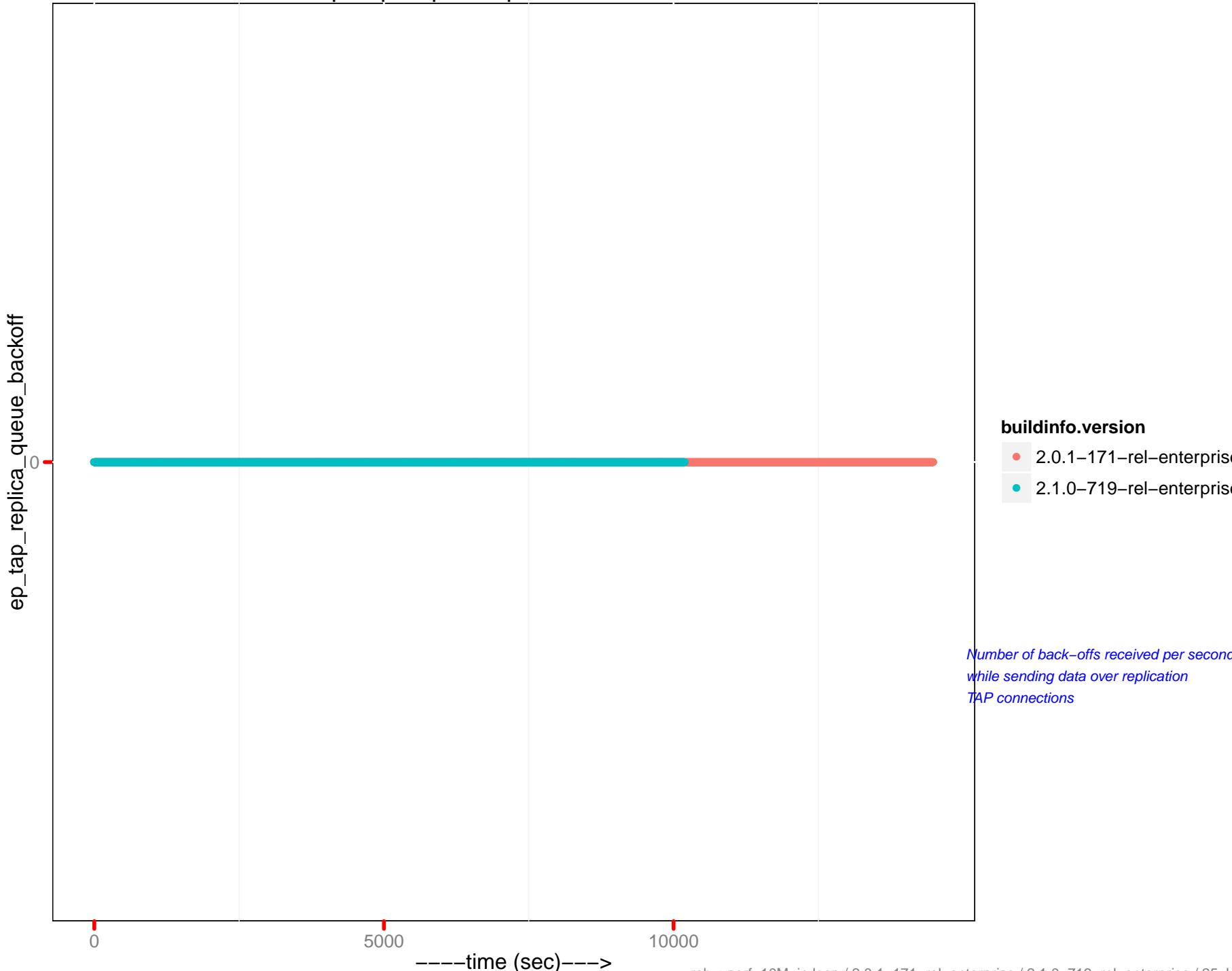


## vb\_replica\_eject/sec





## ep\_tap\_replica\_queue\_backoff/sec



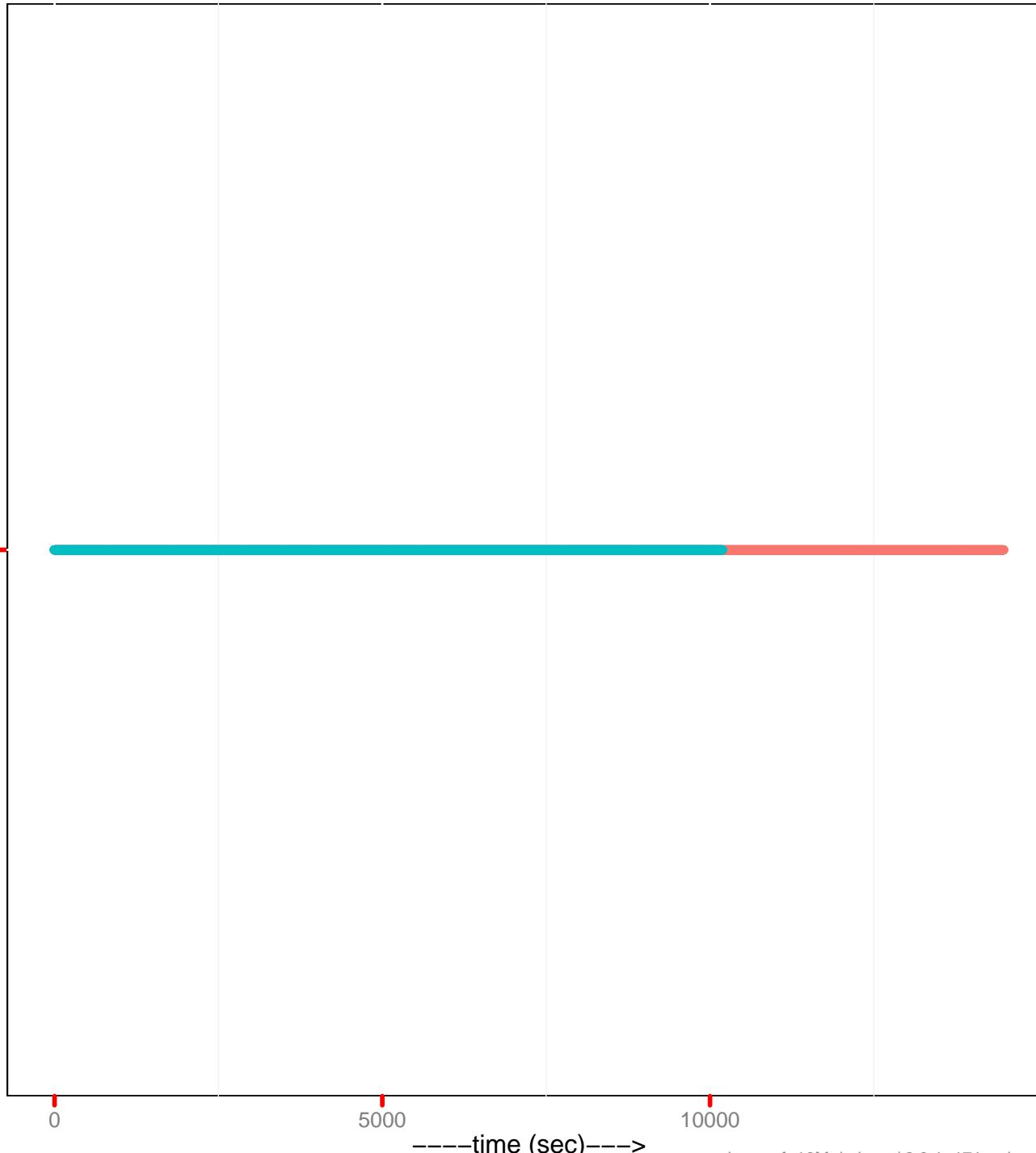
## vb\_active\_resident\_items\_ratio

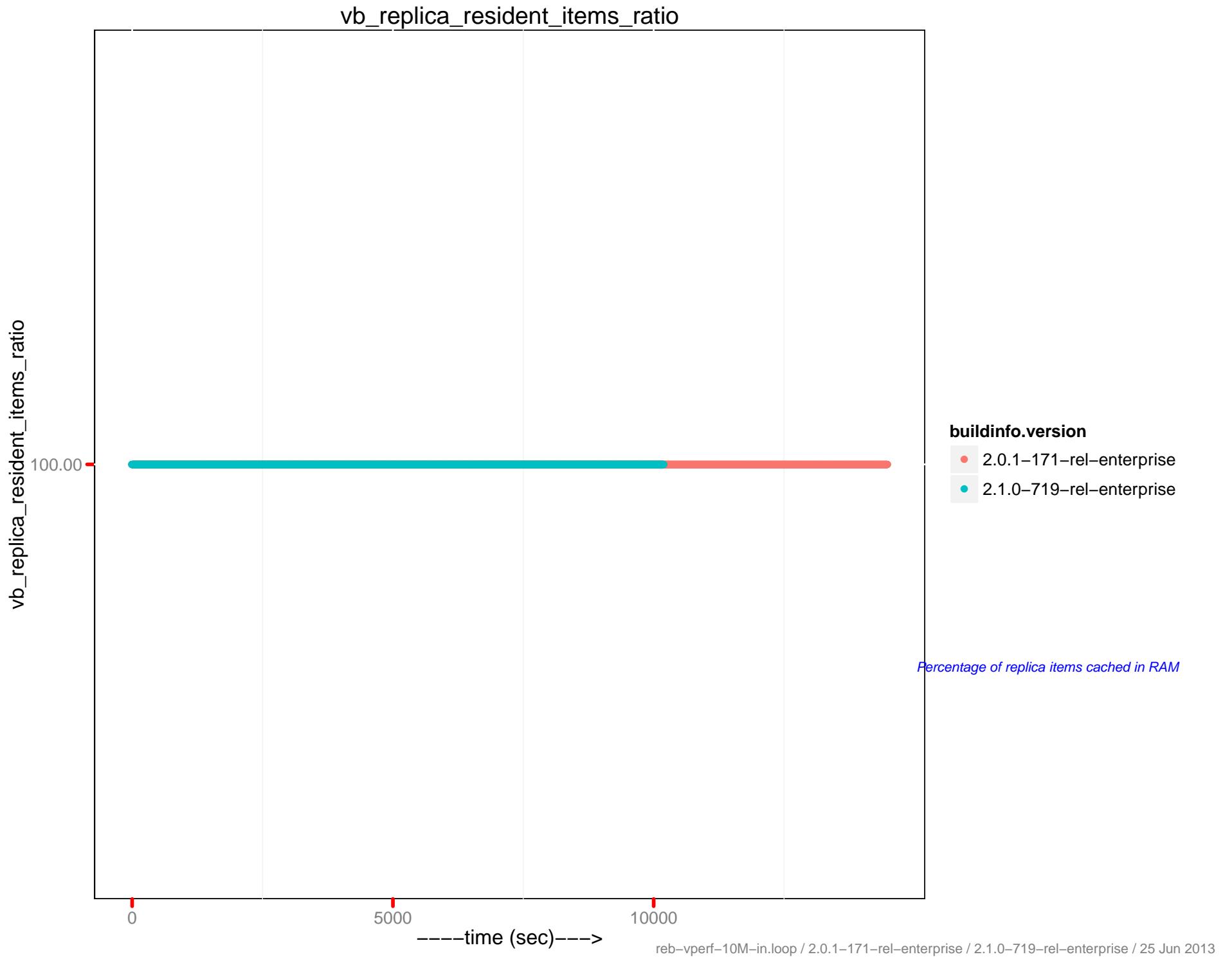
vb\_active\_resident\_items\_ratio

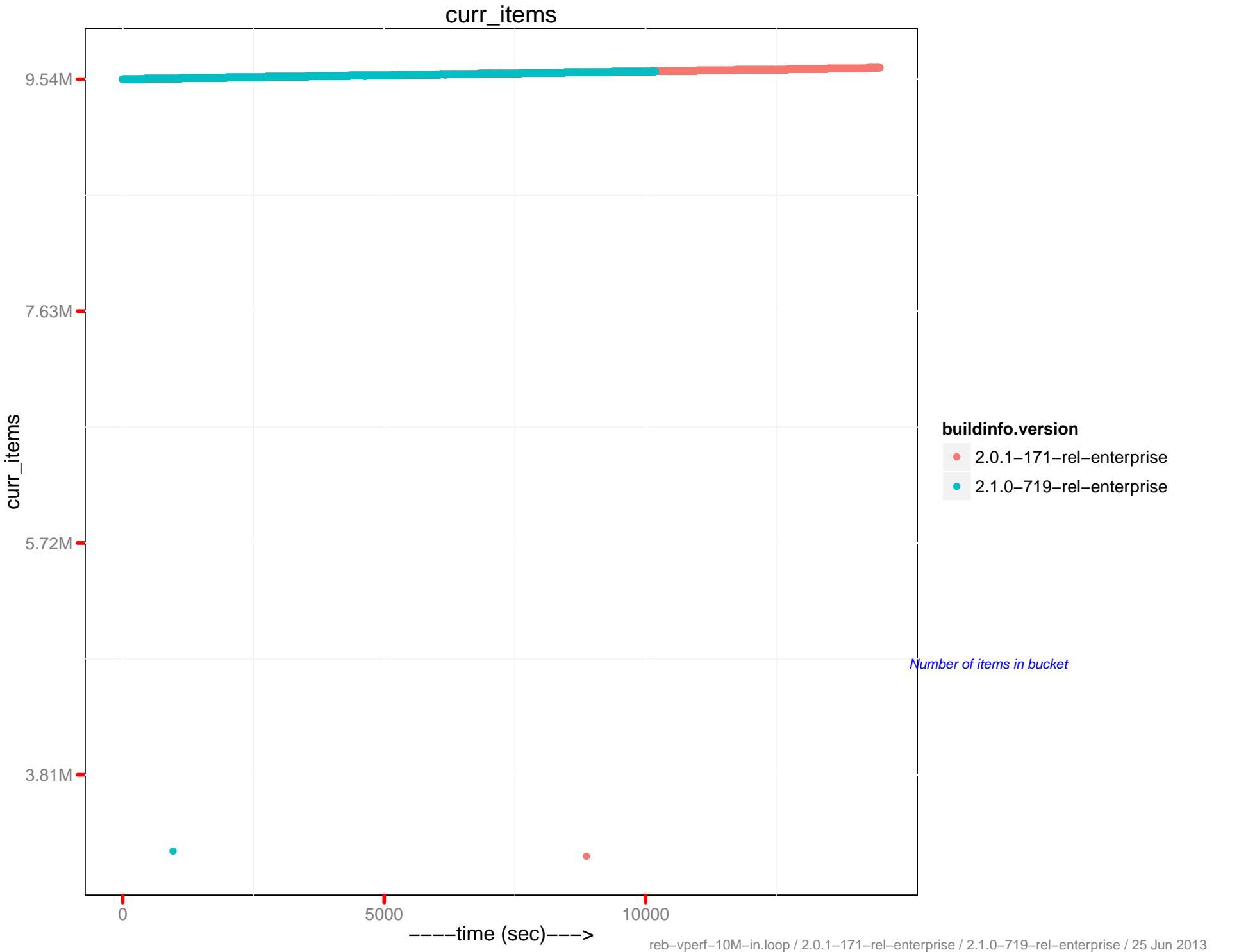
### **buildinfo.version**

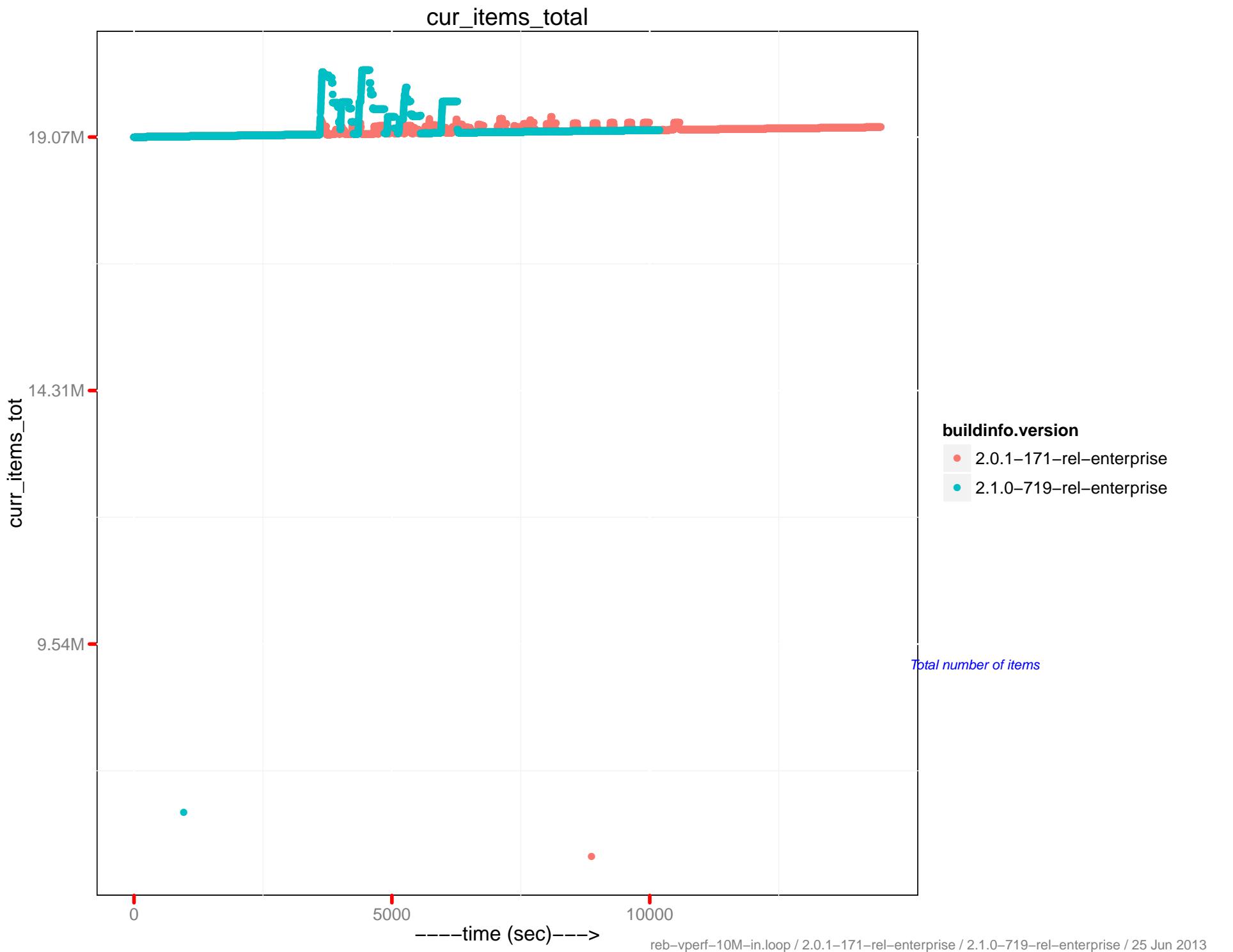
- 2.0.1-171-rel-enterprise
- 2.1.0-719-rel-enterprise

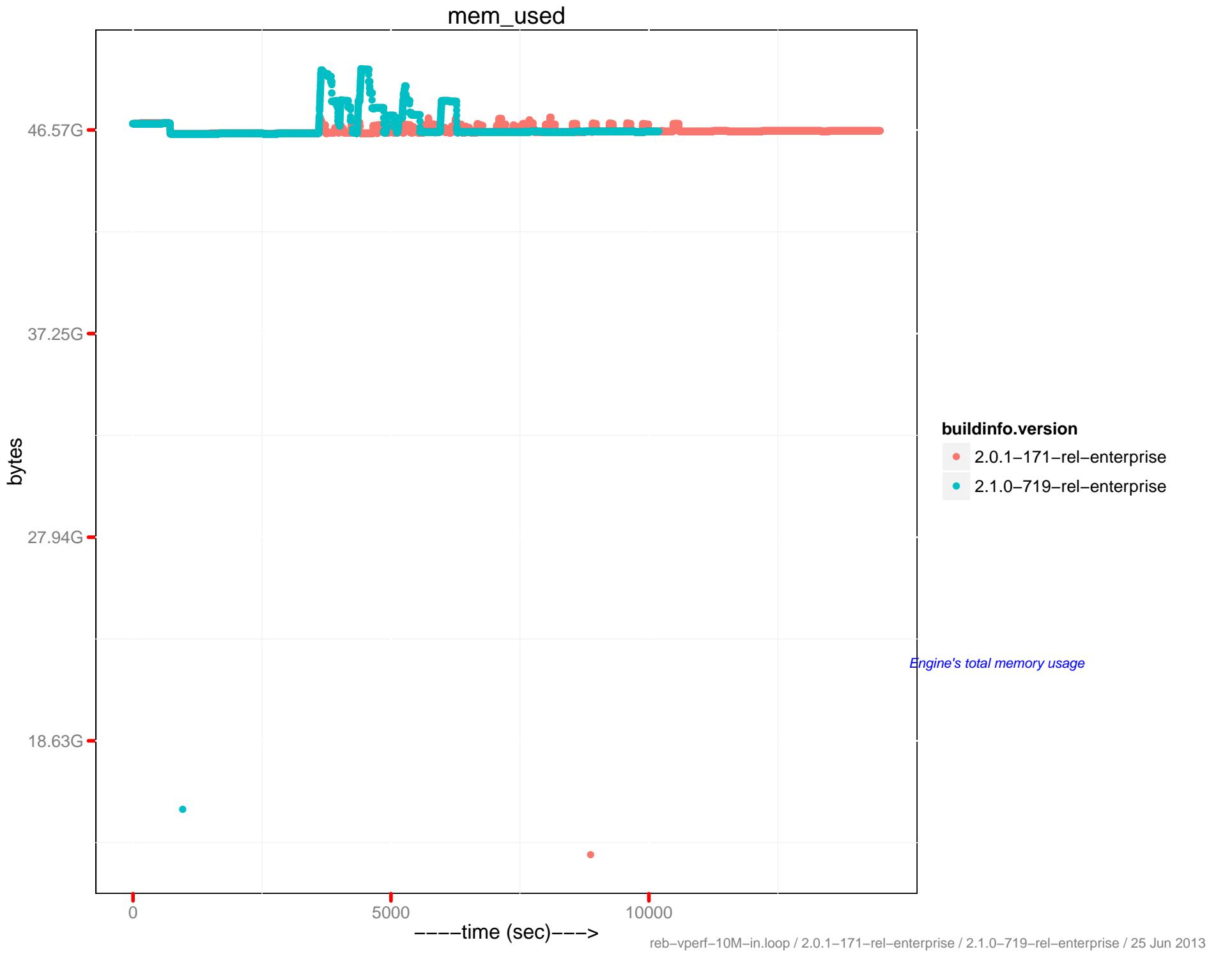
*Percentage of active items cached in RAM*



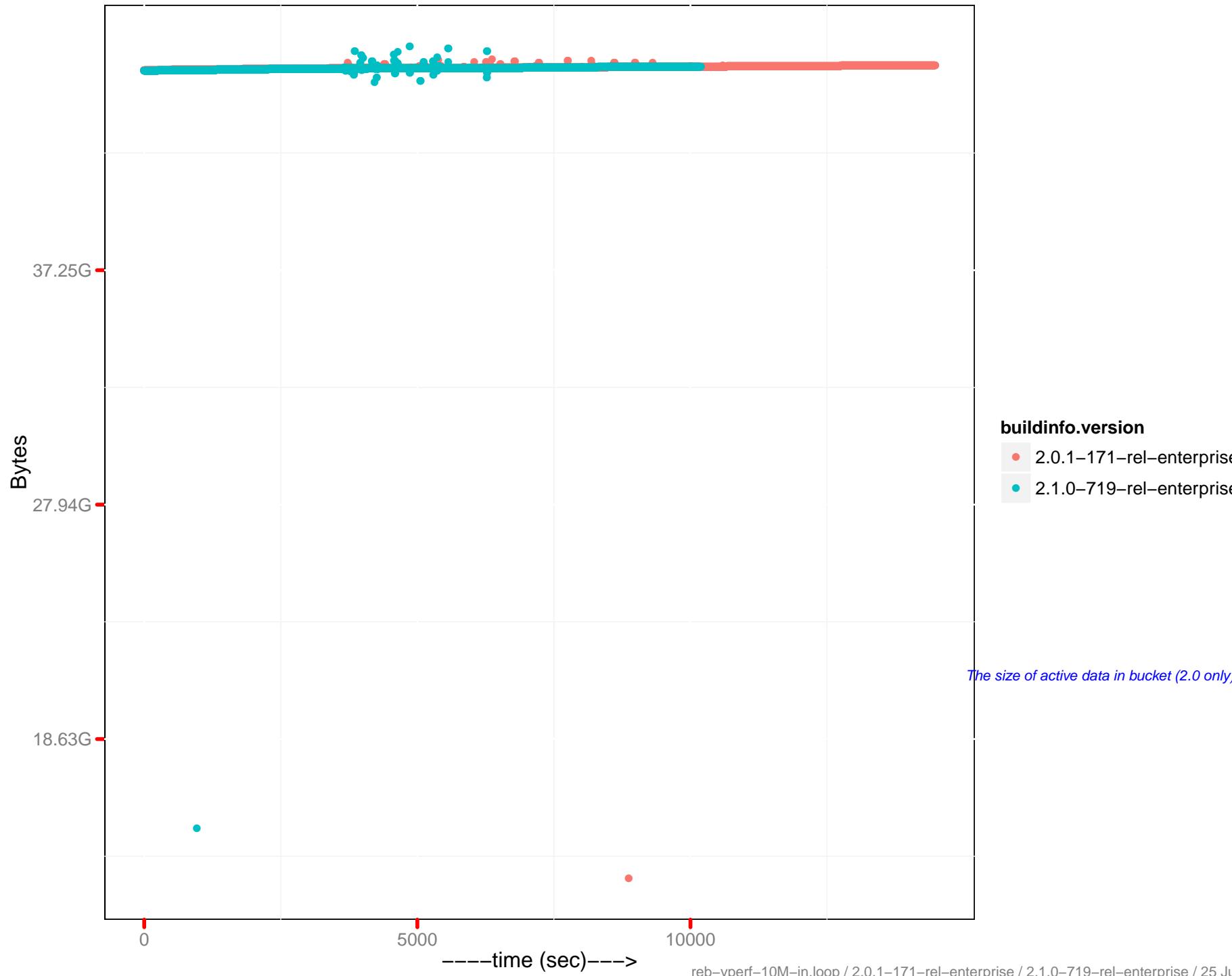




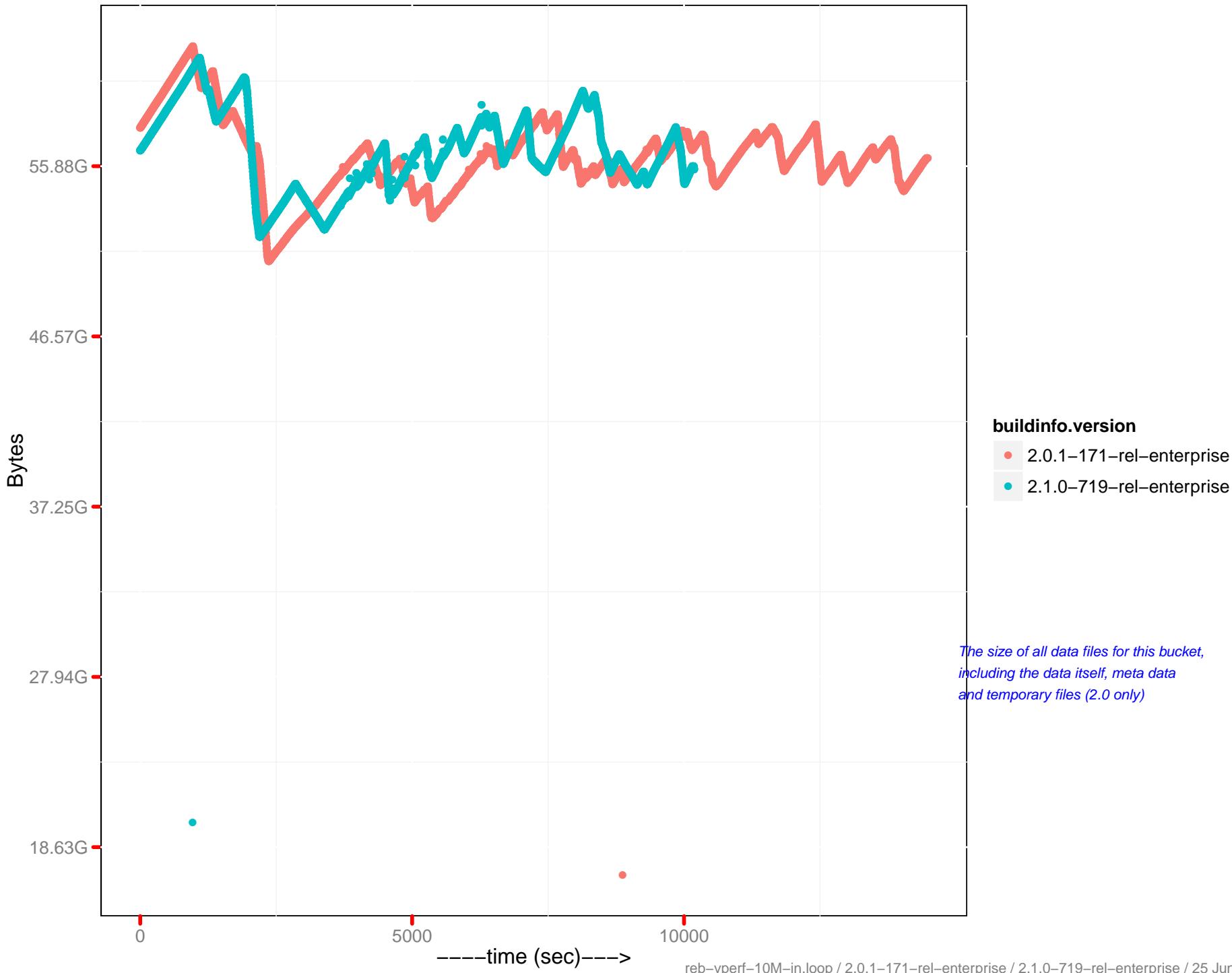




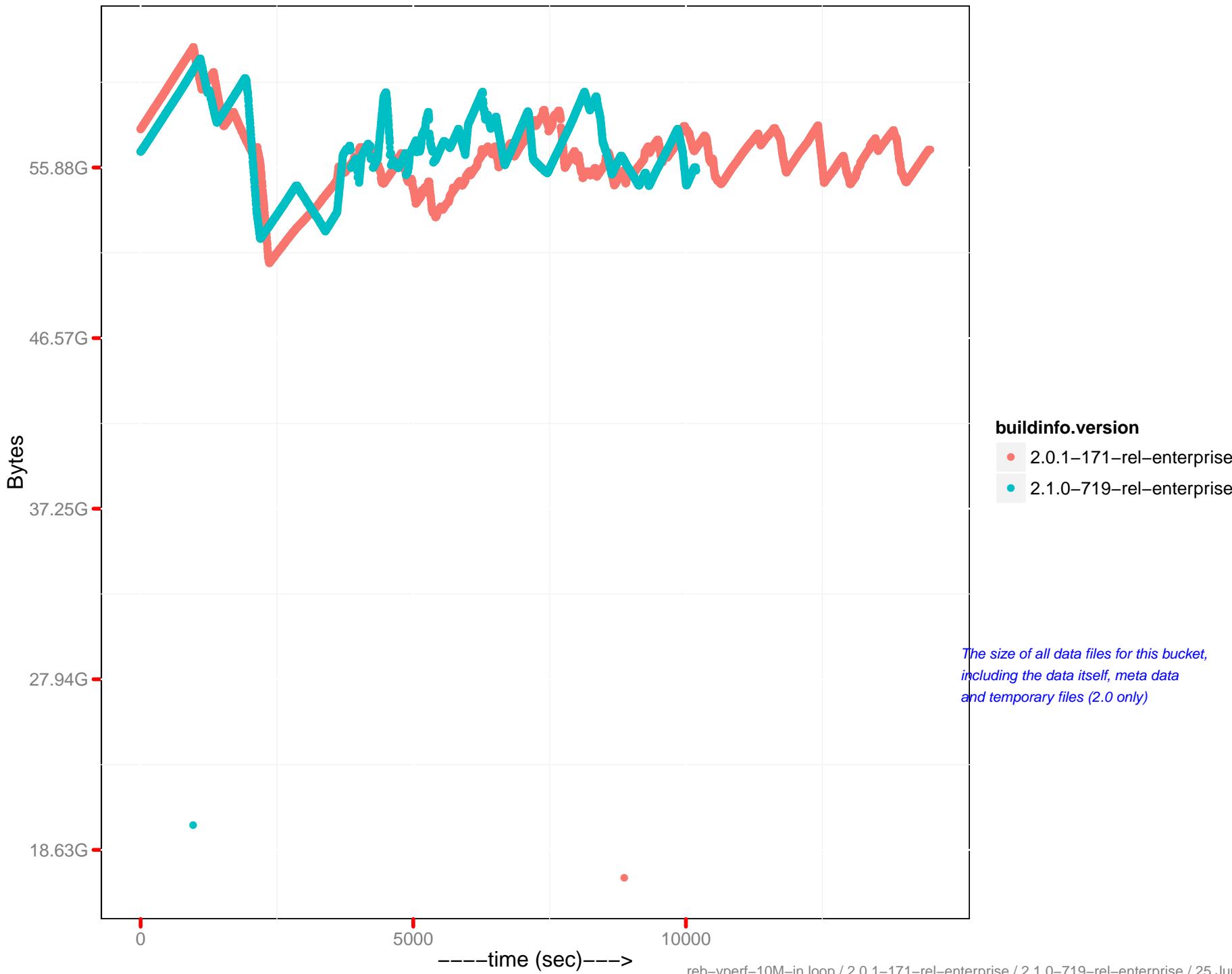
## Docs data size



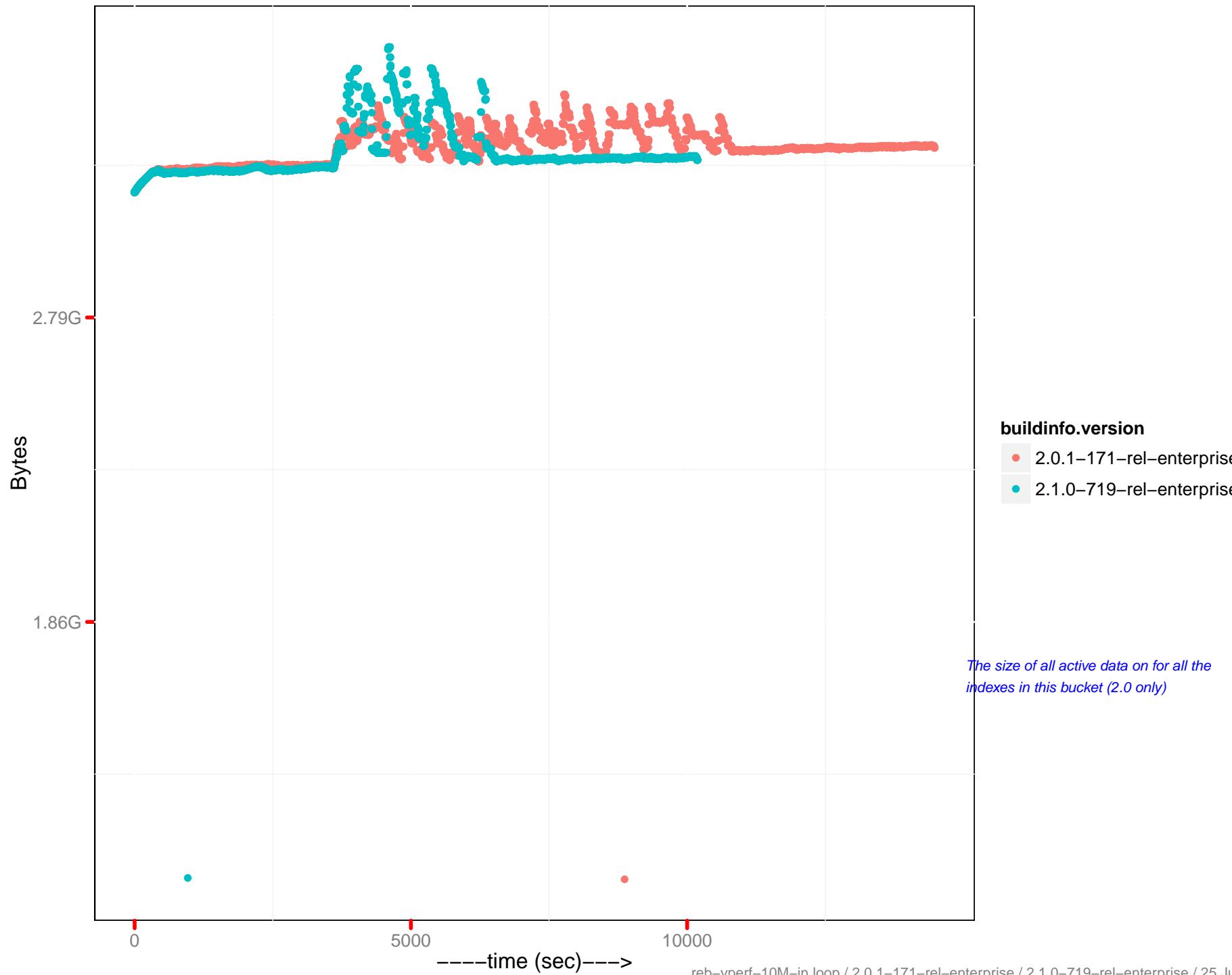
## Docs disk size



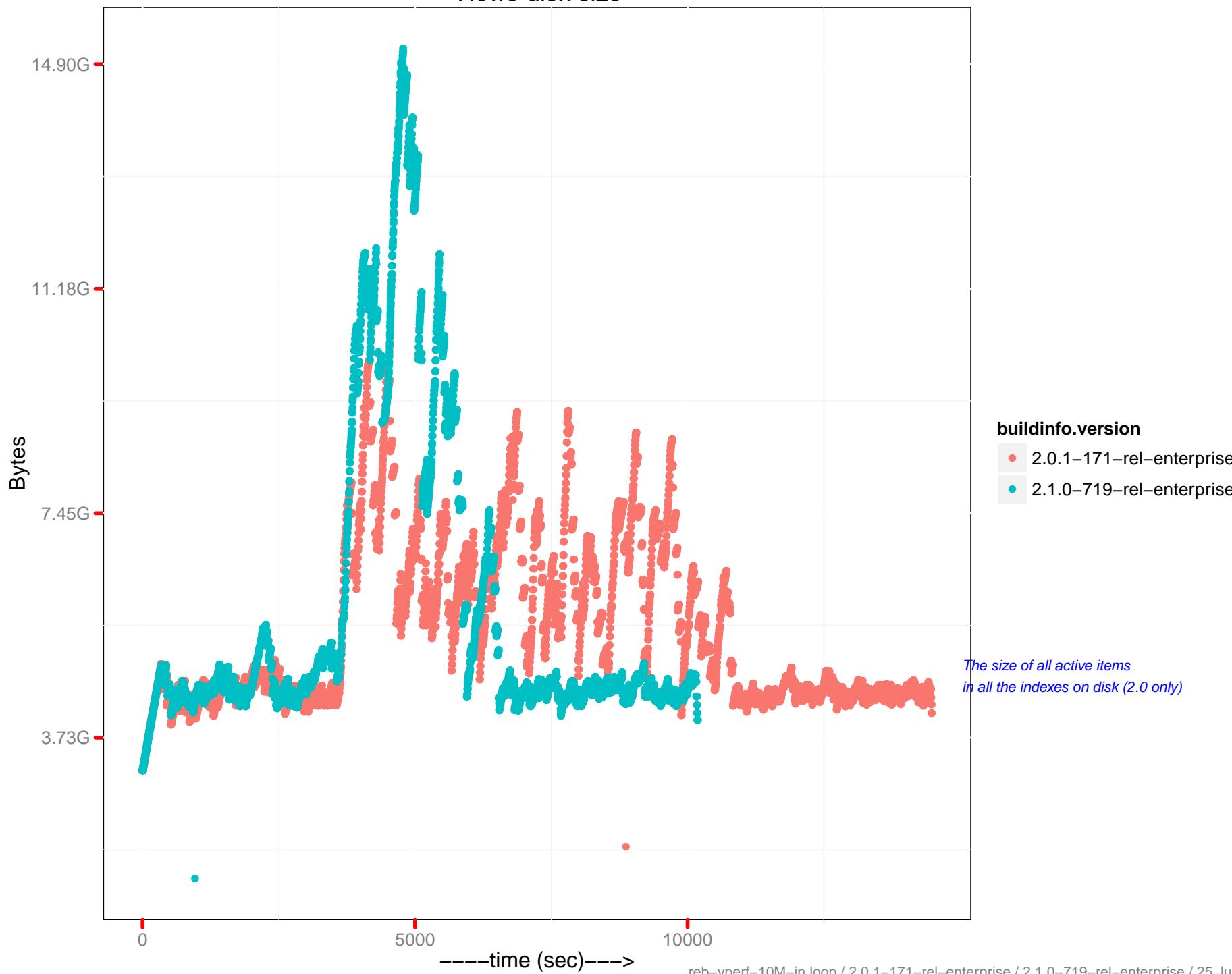
## Docs actual disk size



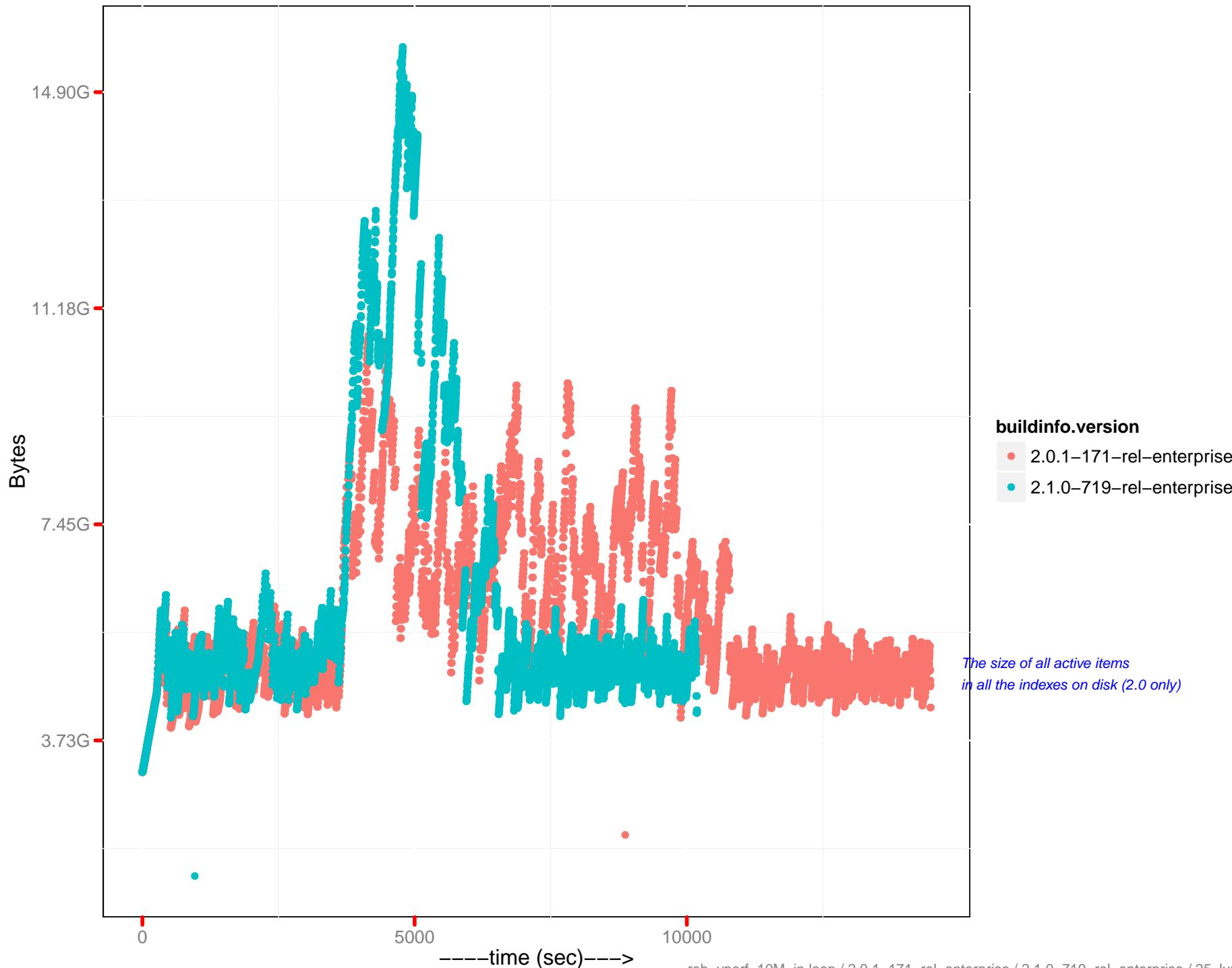
## Views data size



## Views disk size



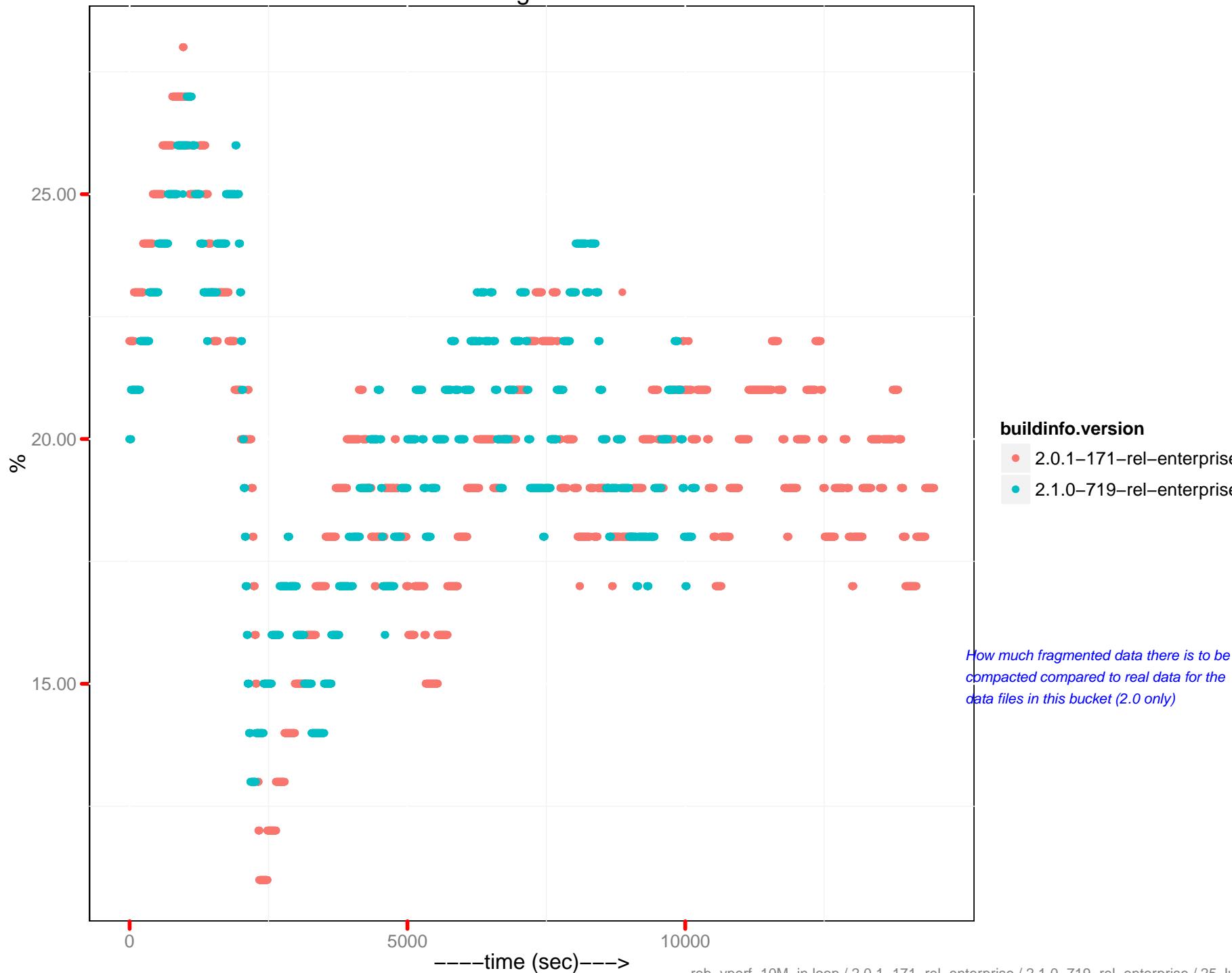
## Views actual disk size



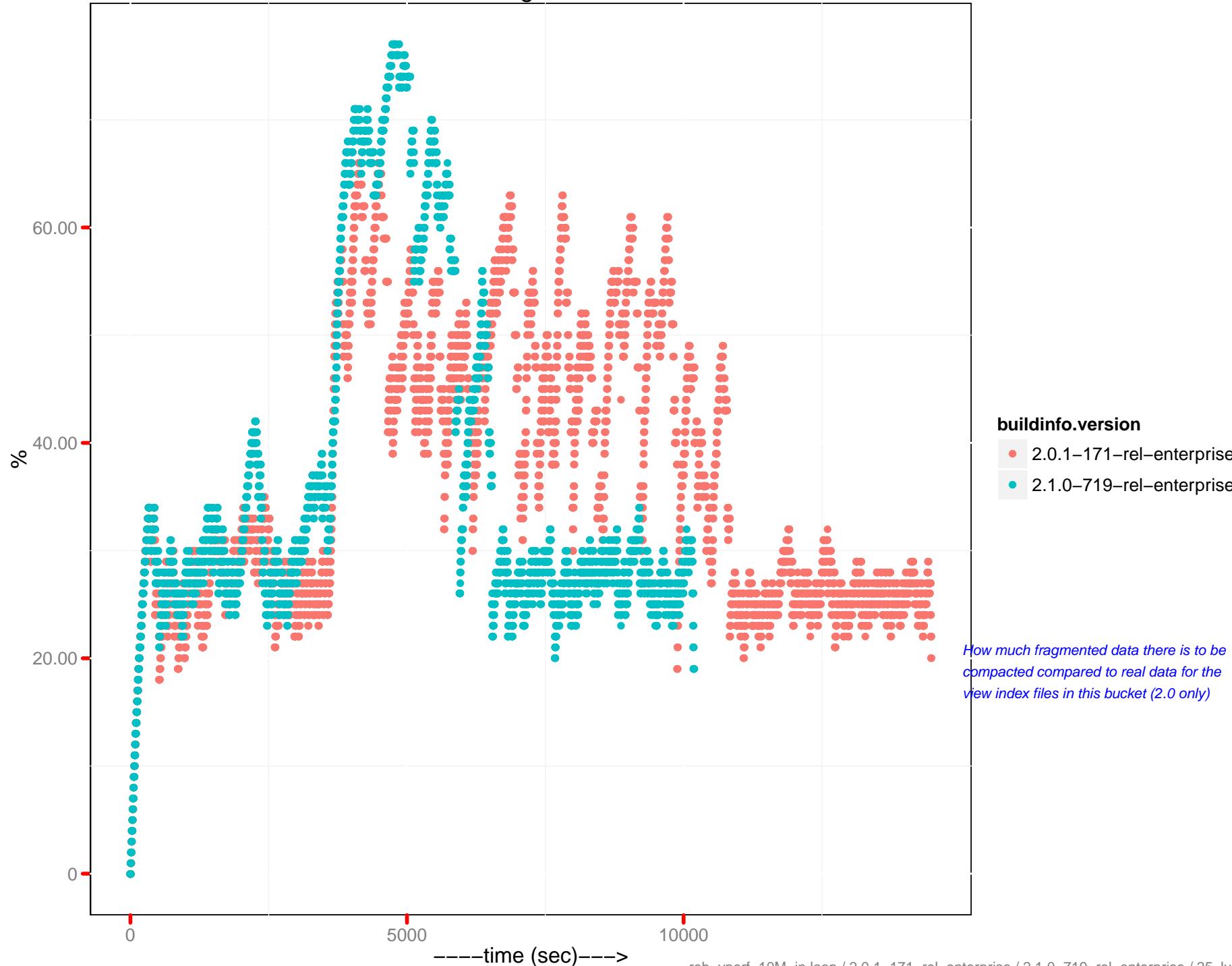
## Total disk size



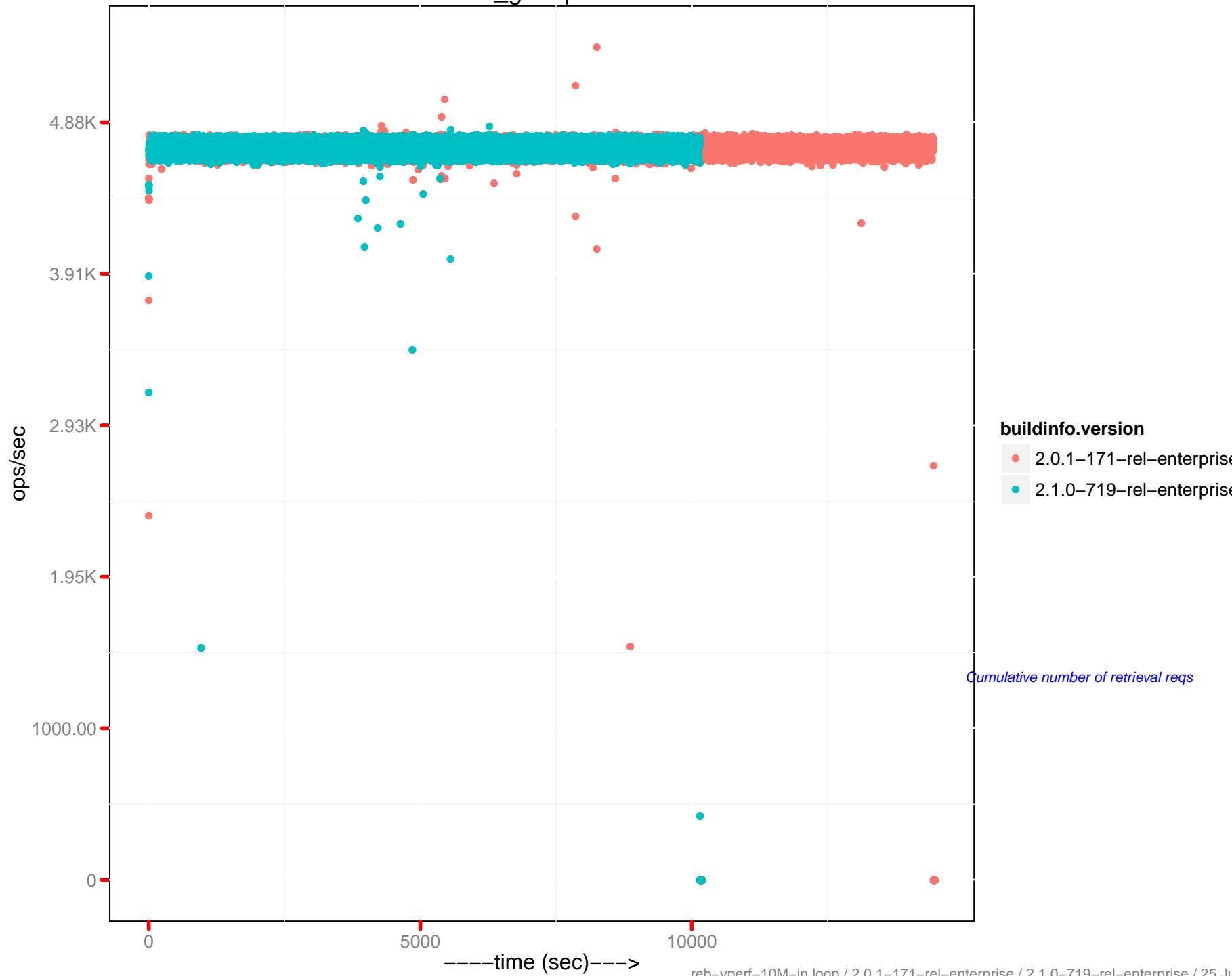
## Docs fragmentation



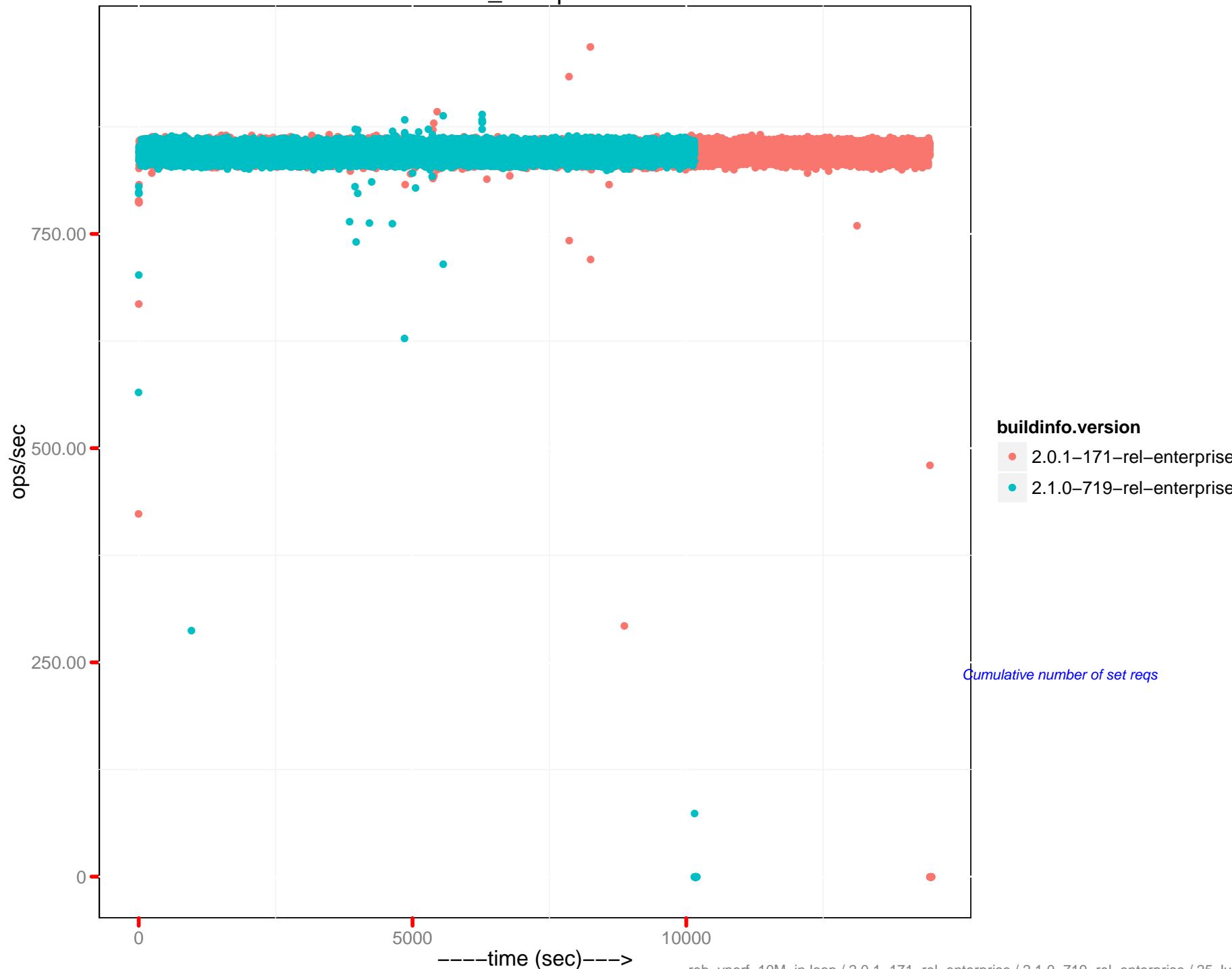
## Views fragmentation

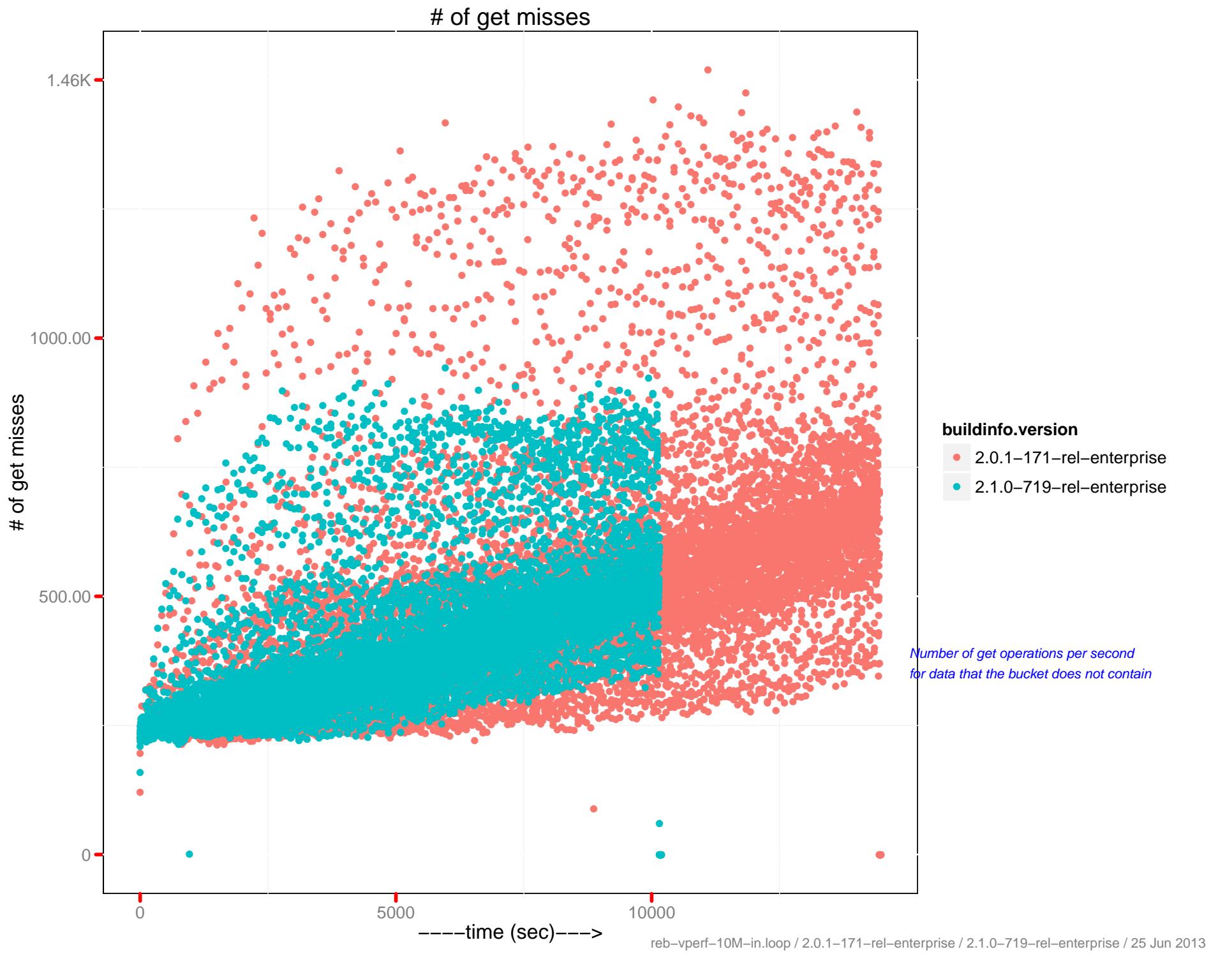


### cmd\_get ops/sec



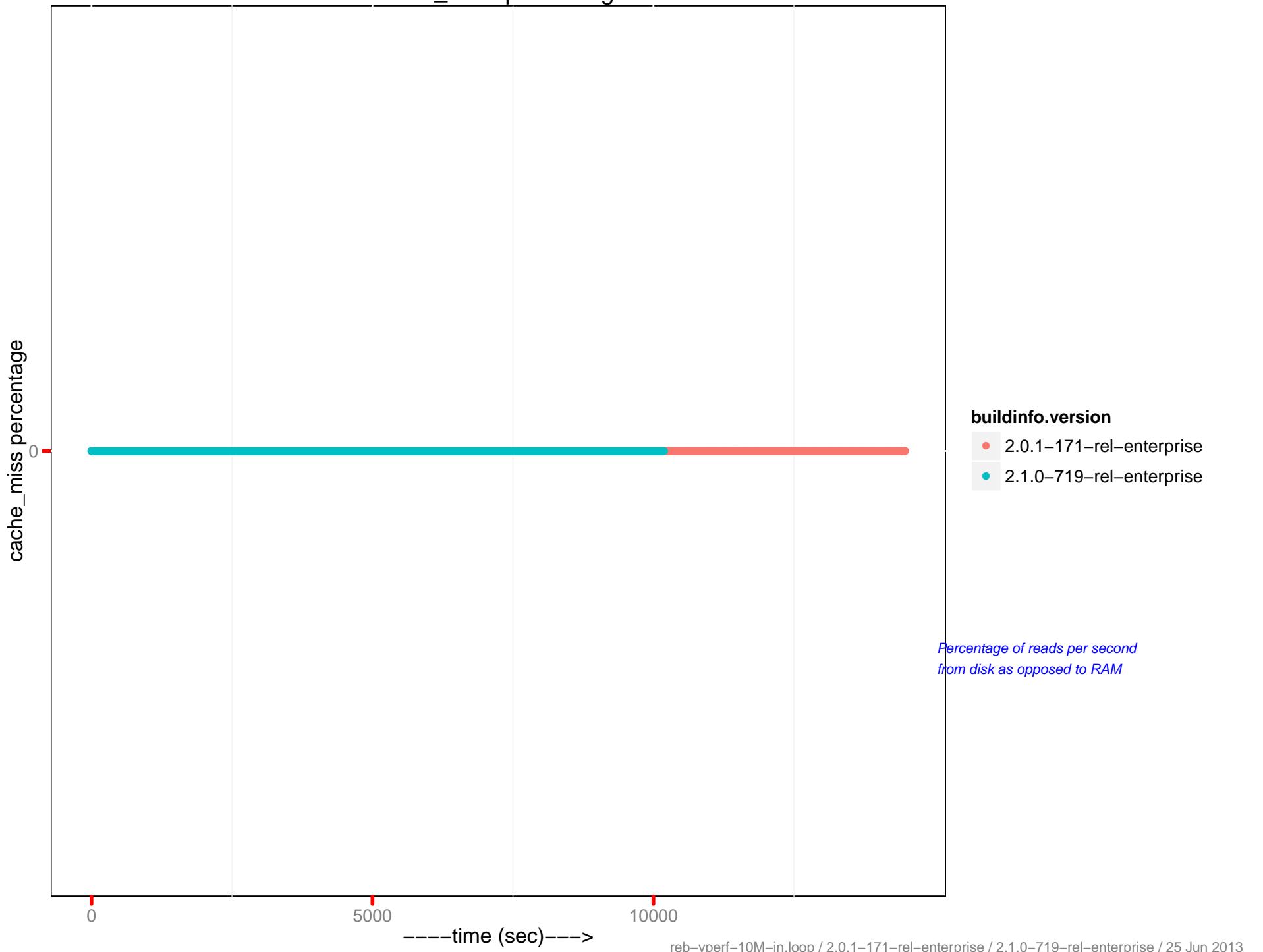
### cmd\_set ops/sec



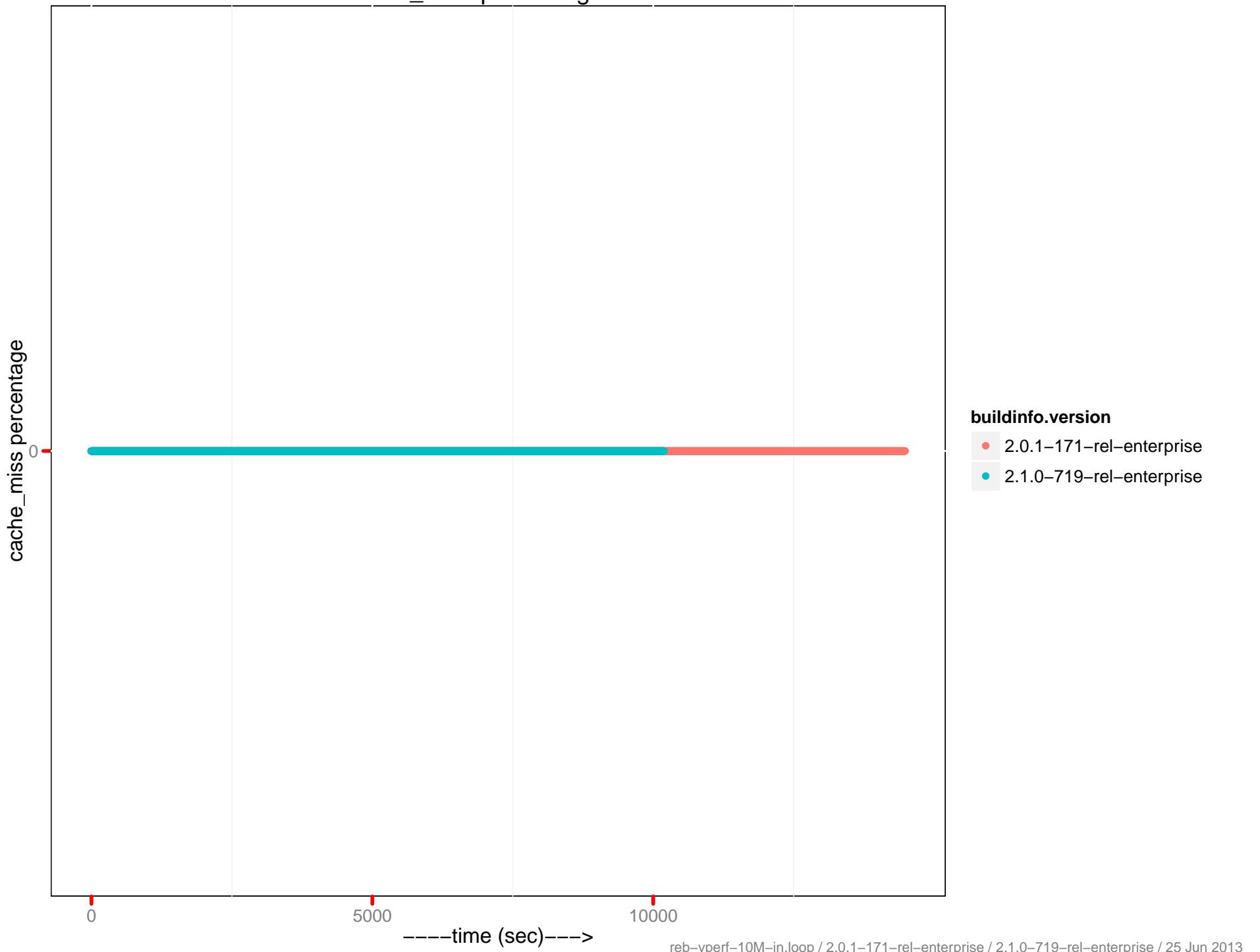


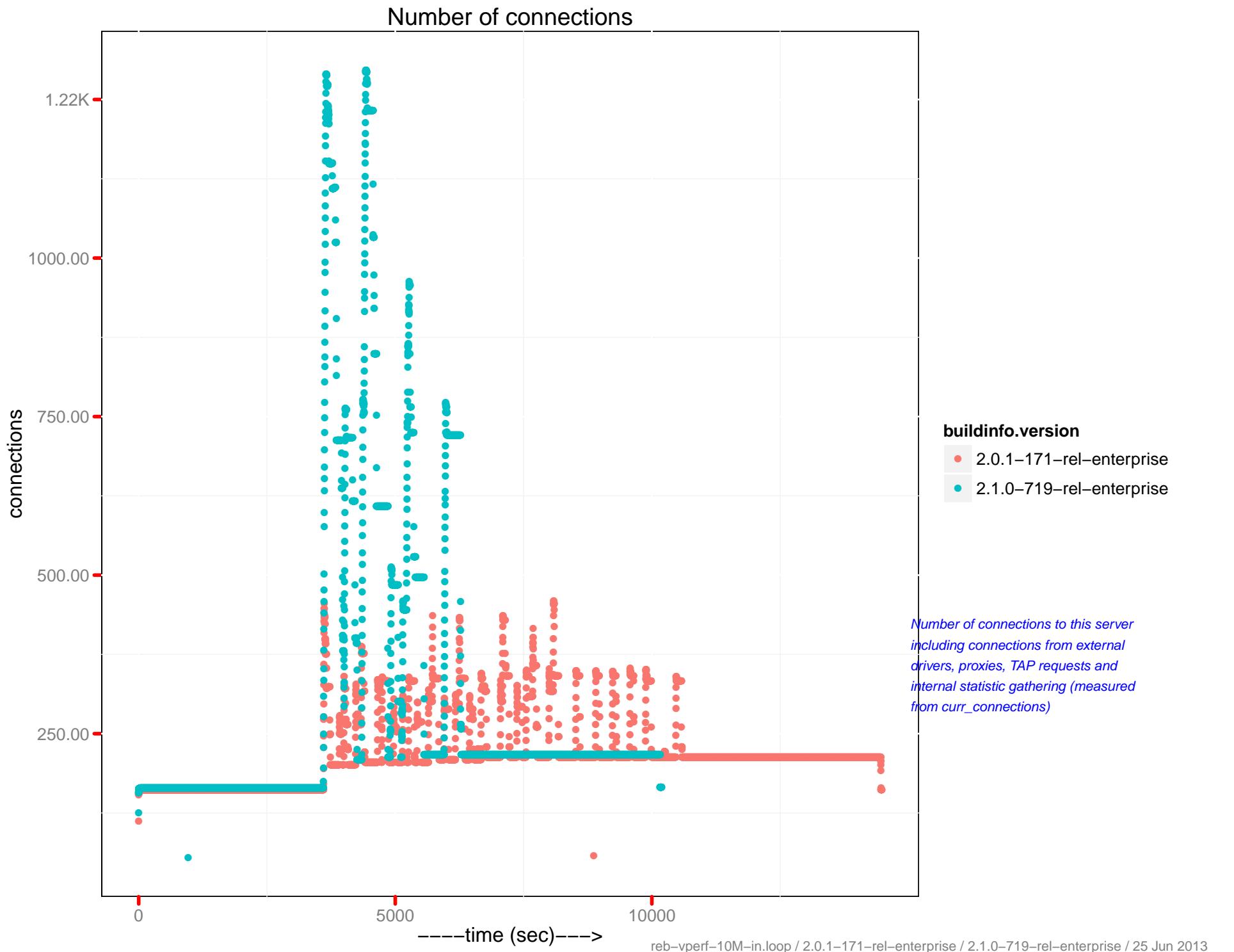


## cache\_miss percentage

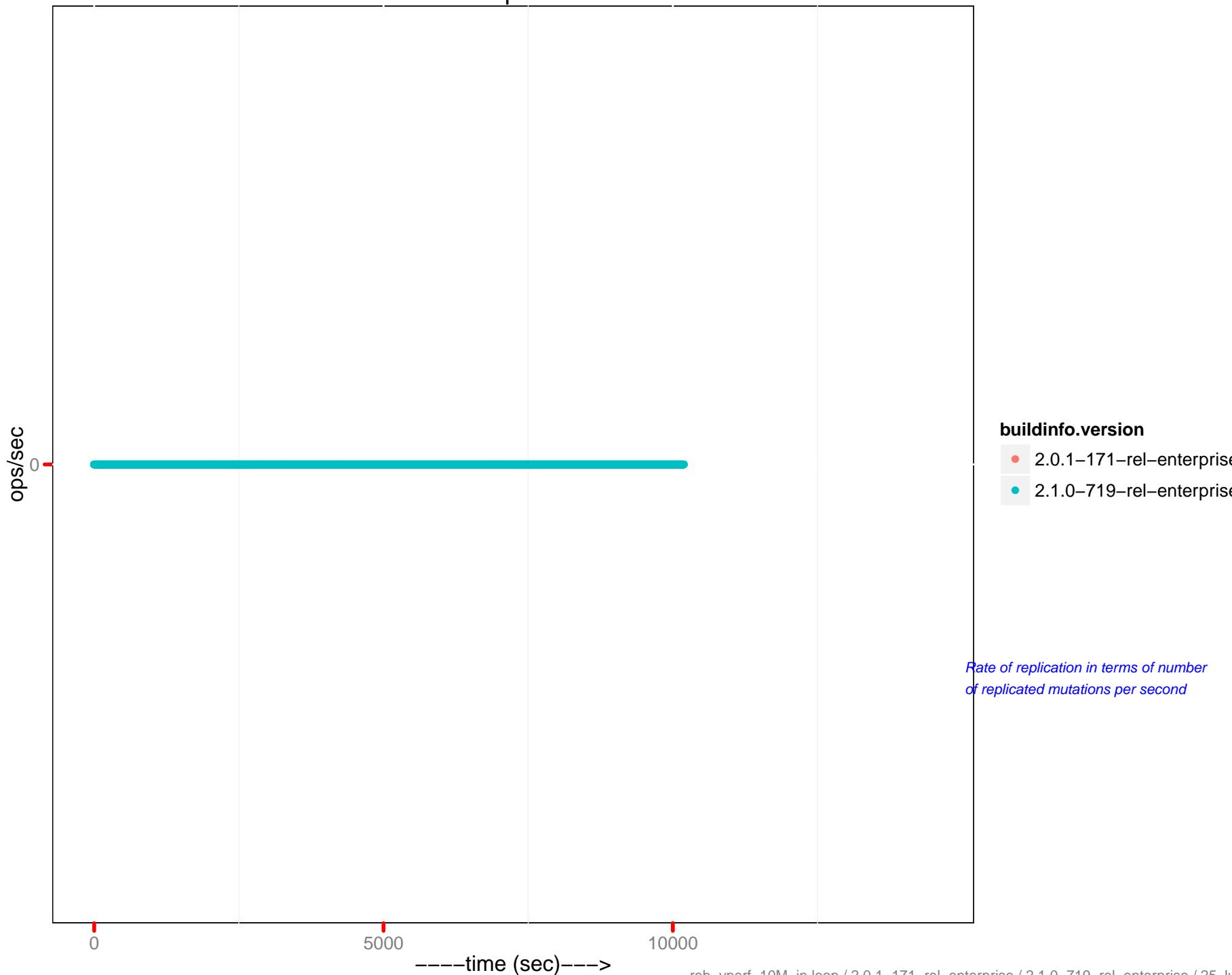


### cache\_miss percentage 0–5

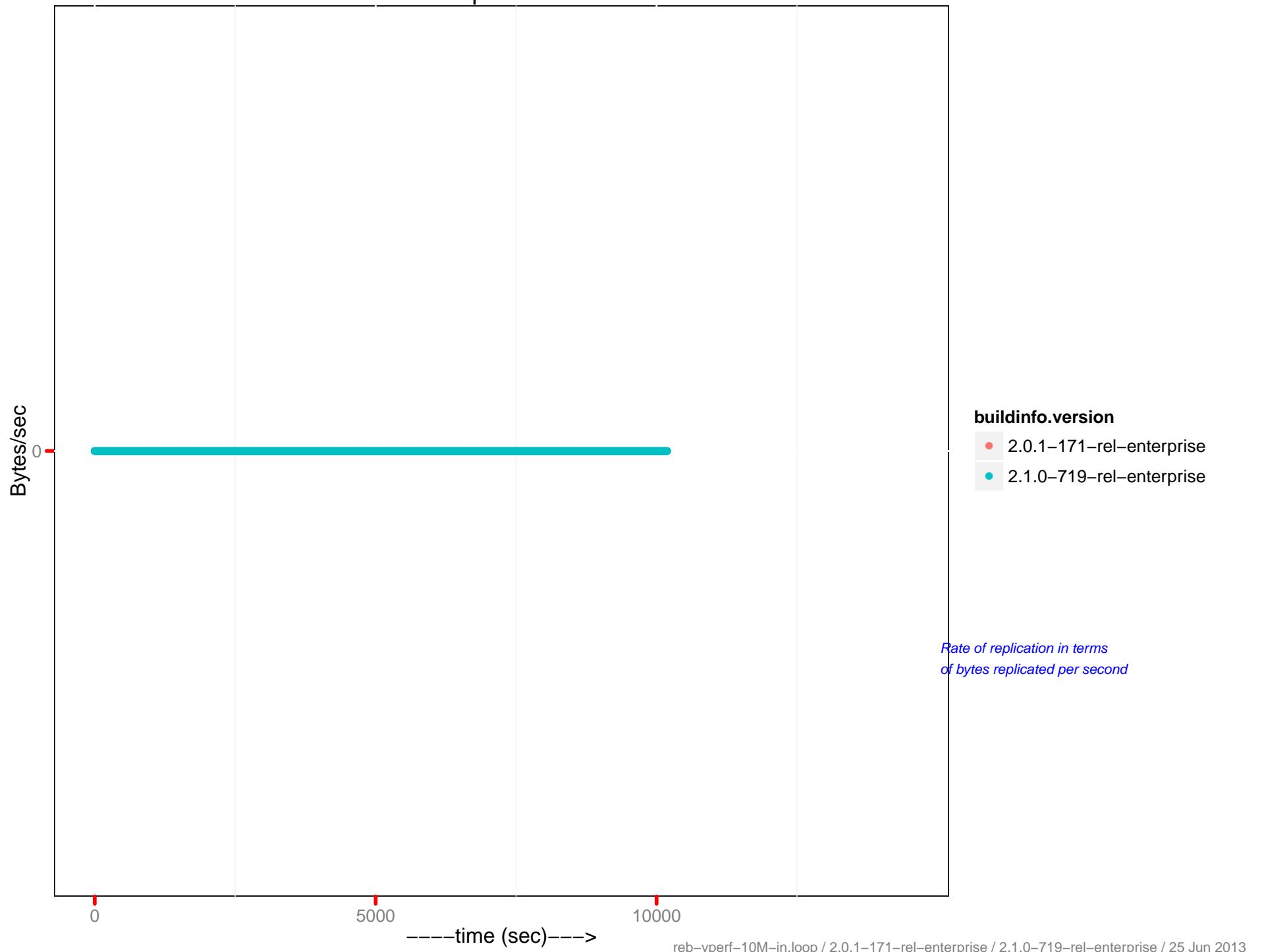




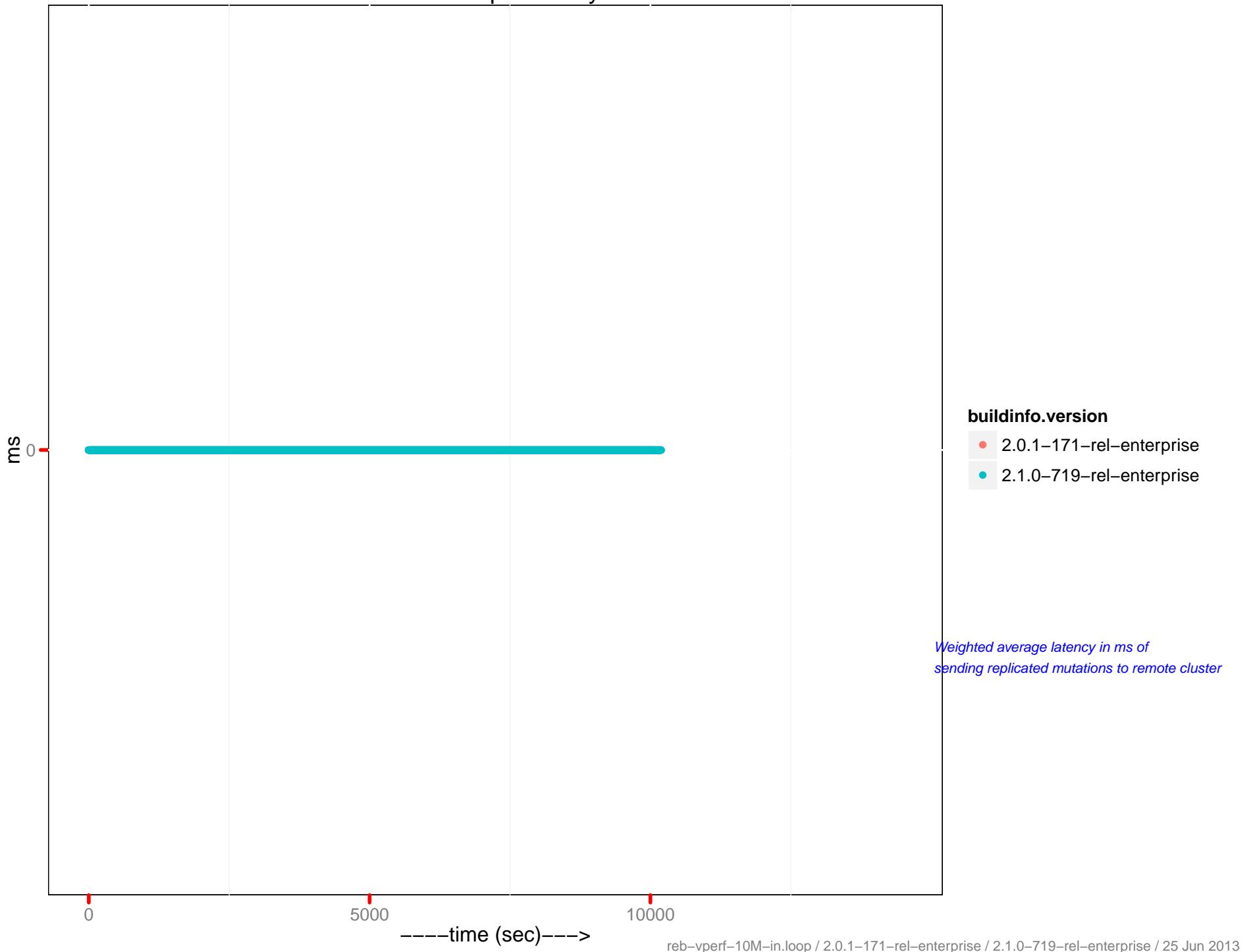
## Mutation replication rate



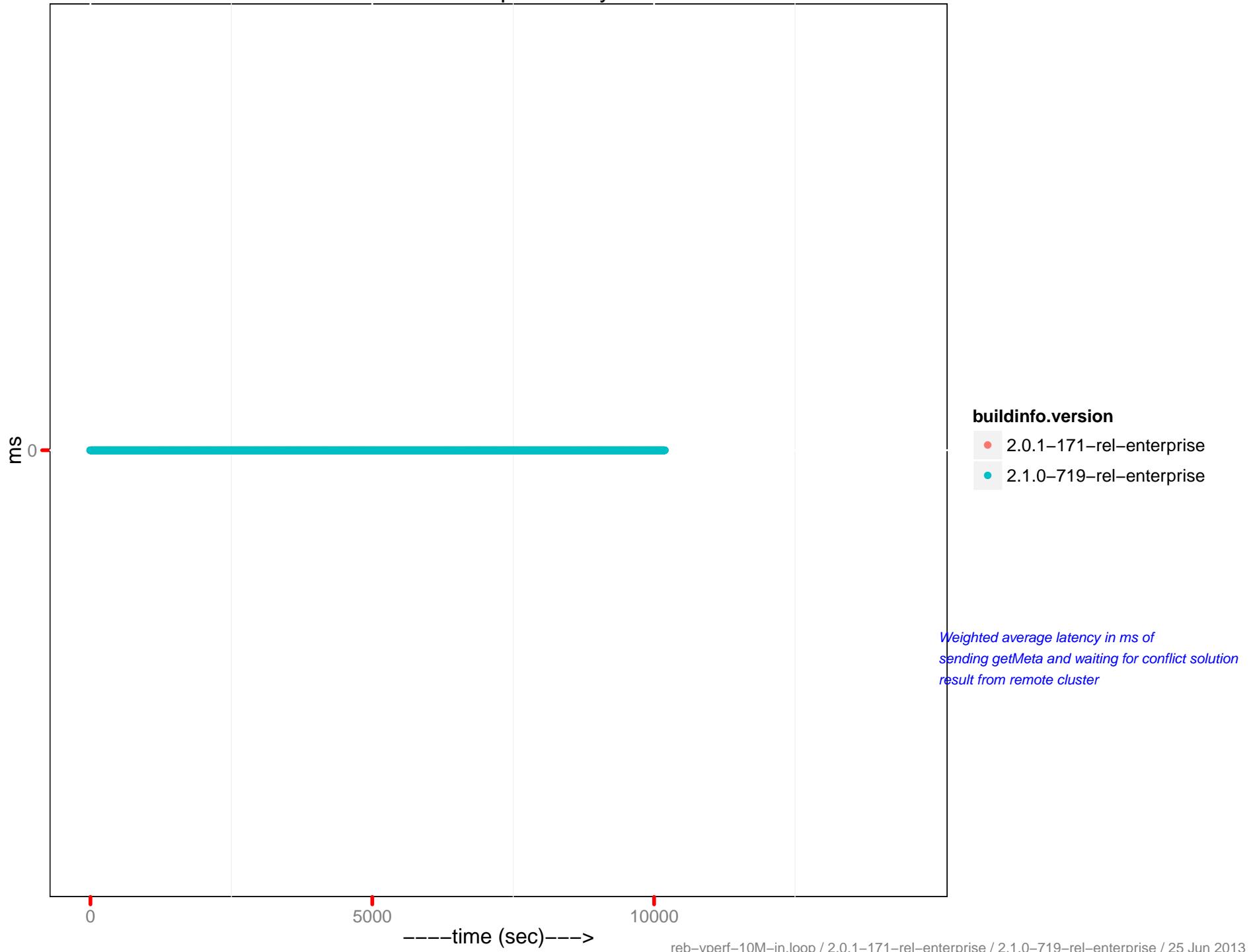
## Data replication rate



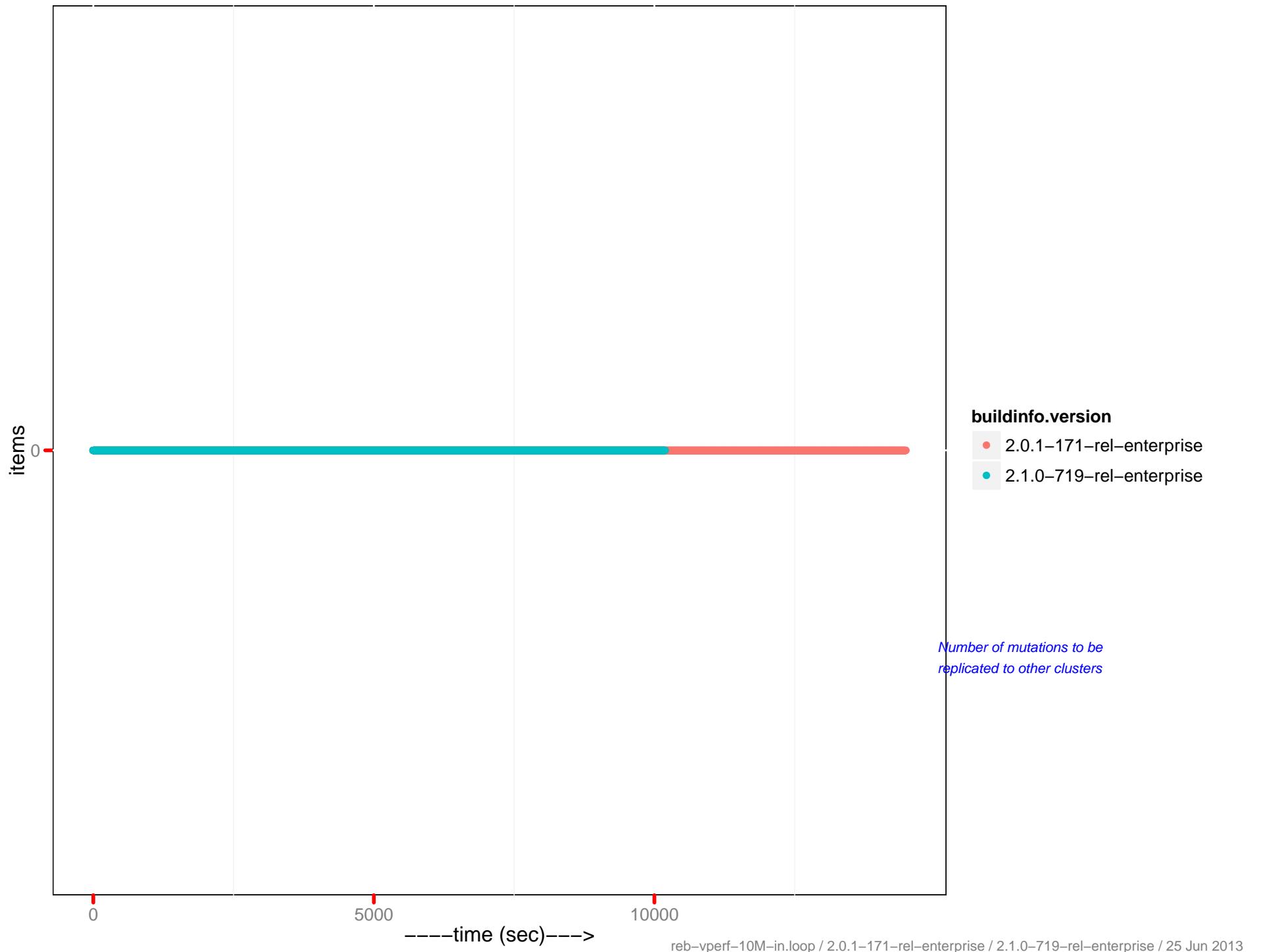
## ms doc ops latency



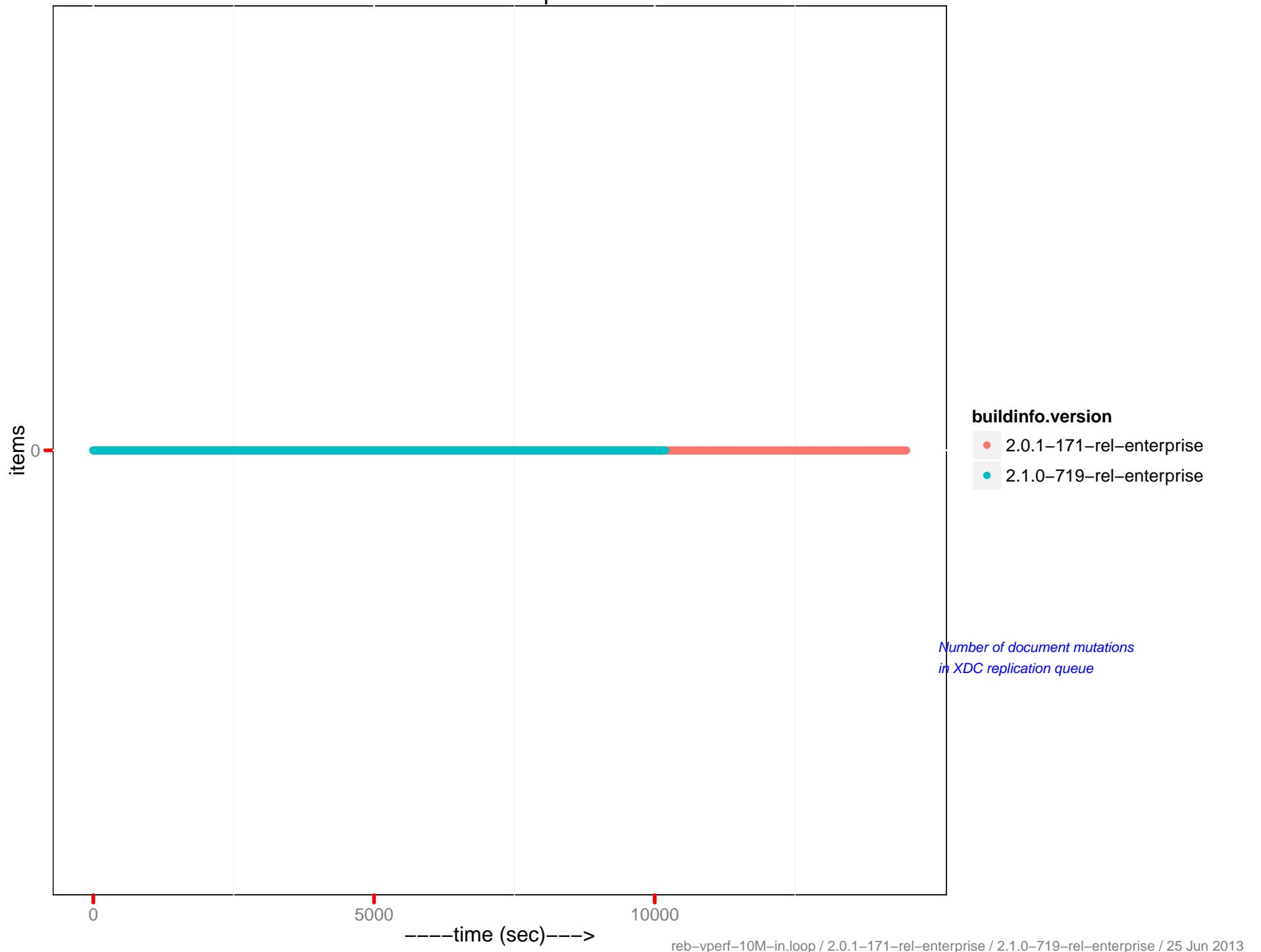
## ms meta ops latency



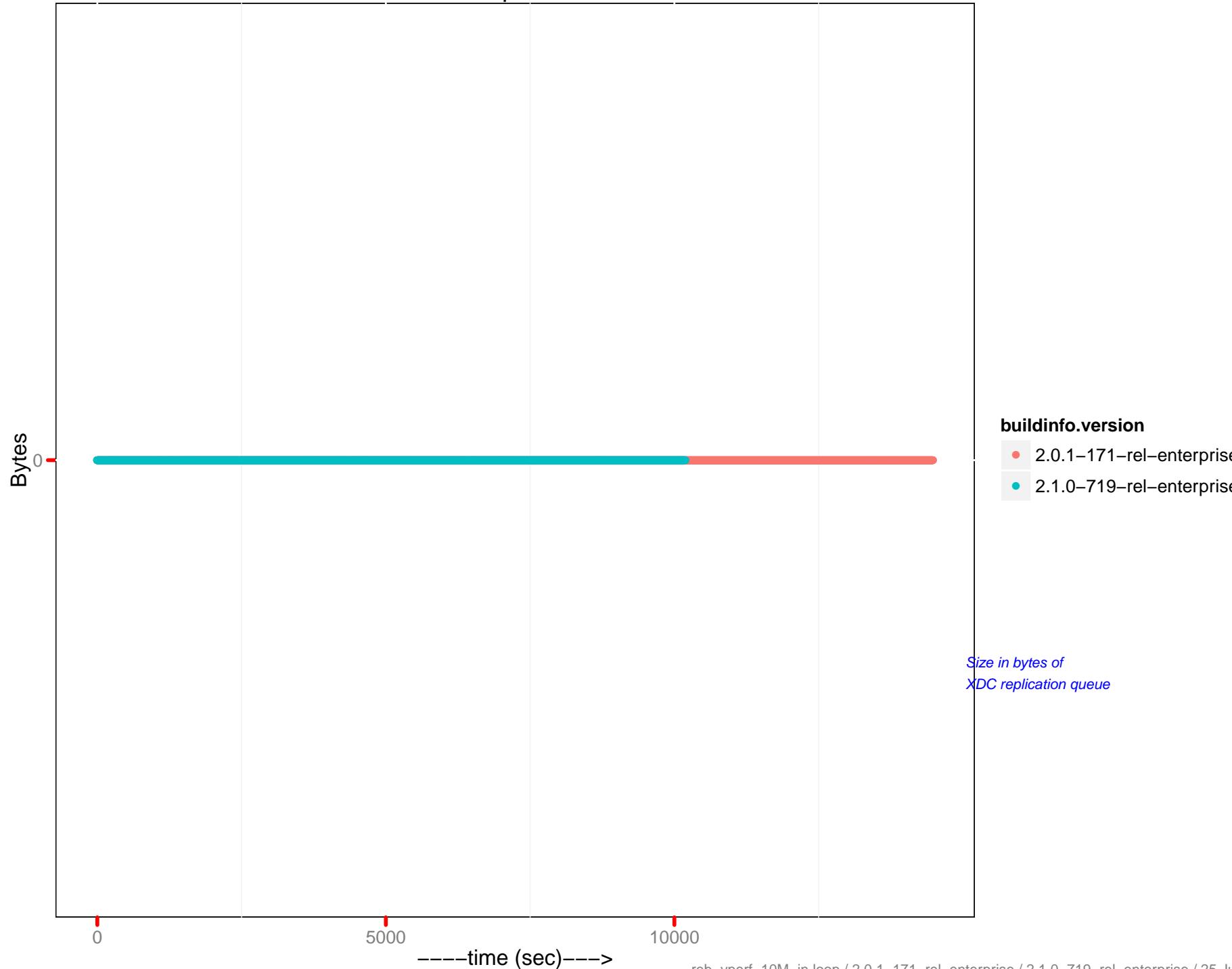
## Outbound XDCR mutations



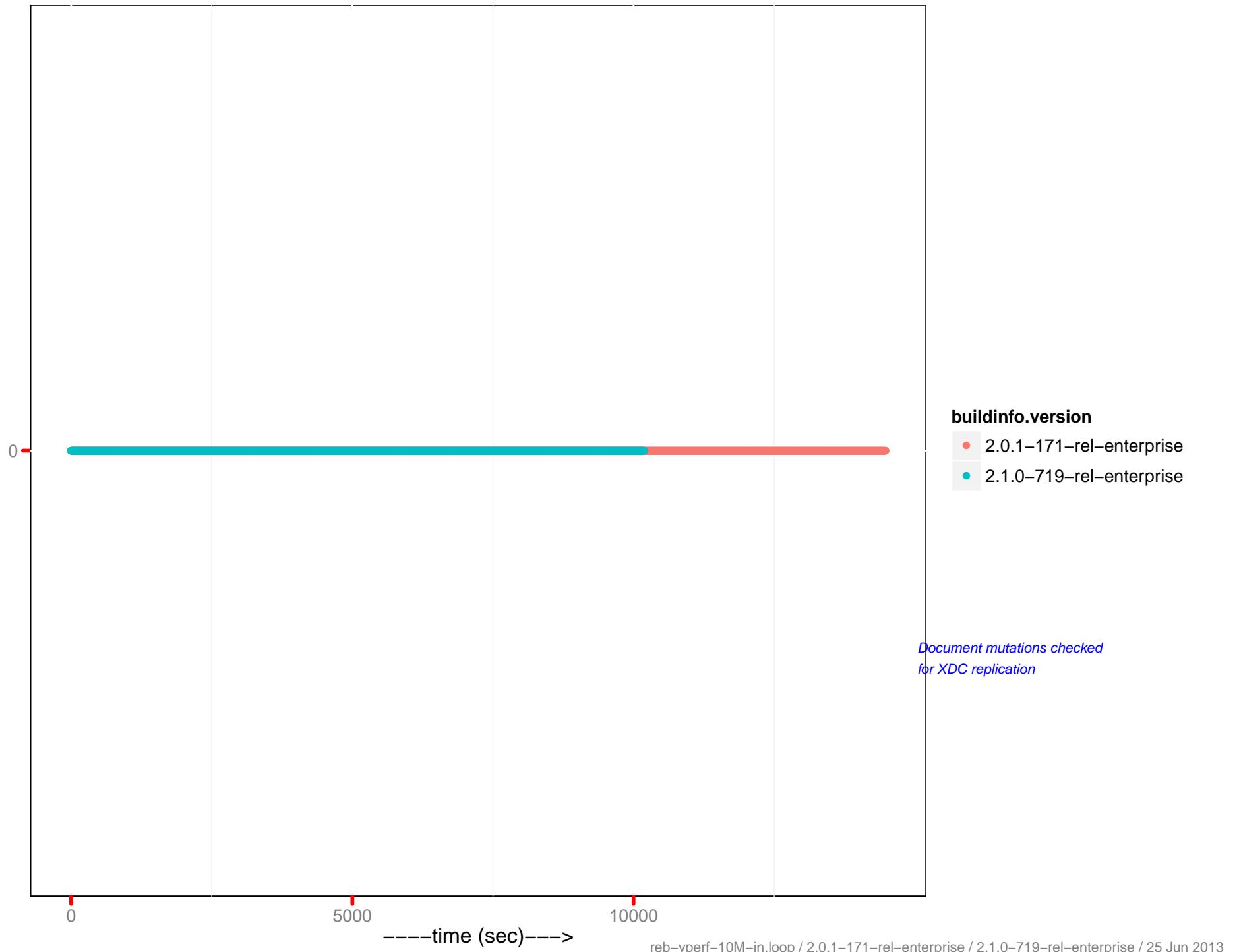
## Mutations in queue



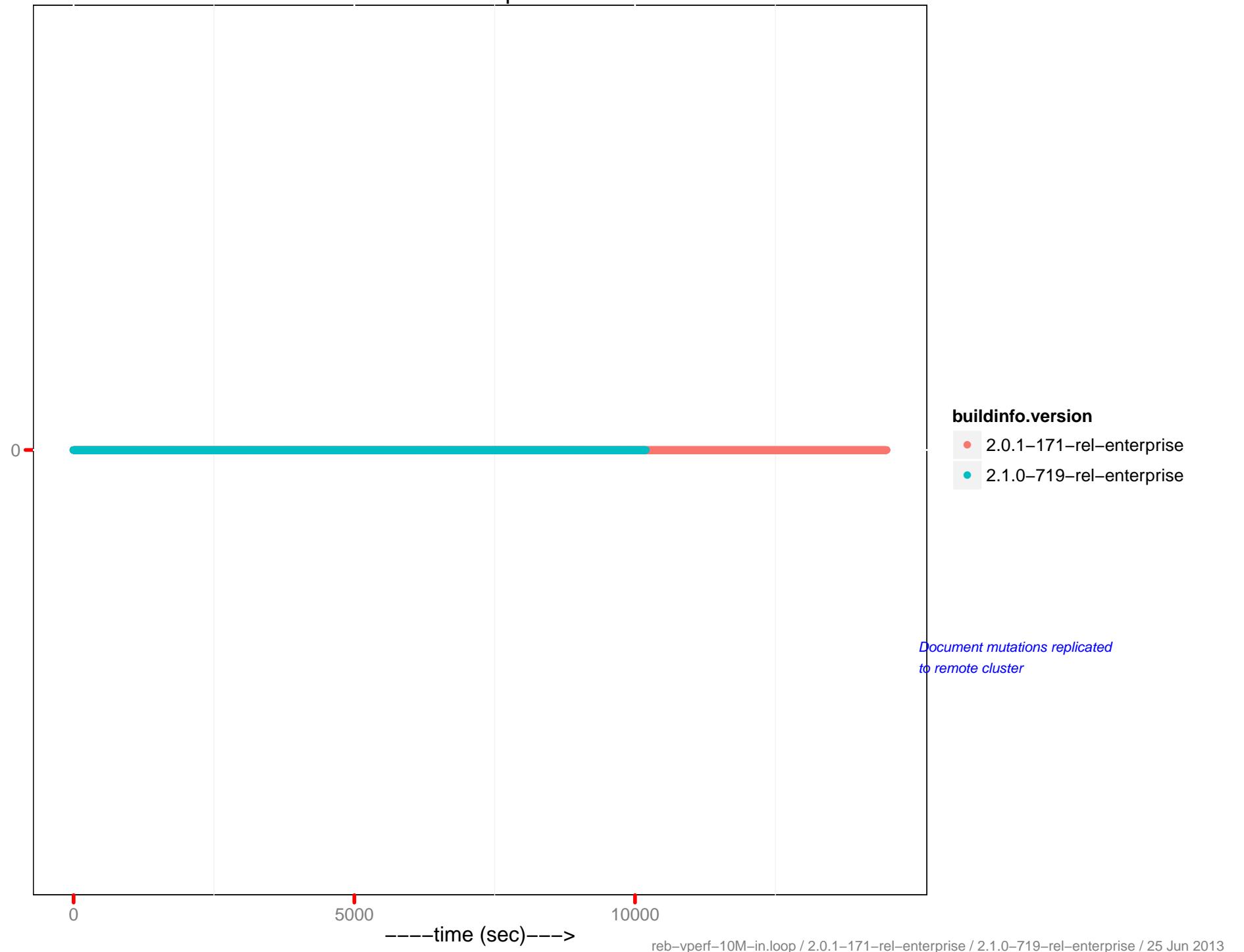
## XDCR queue size



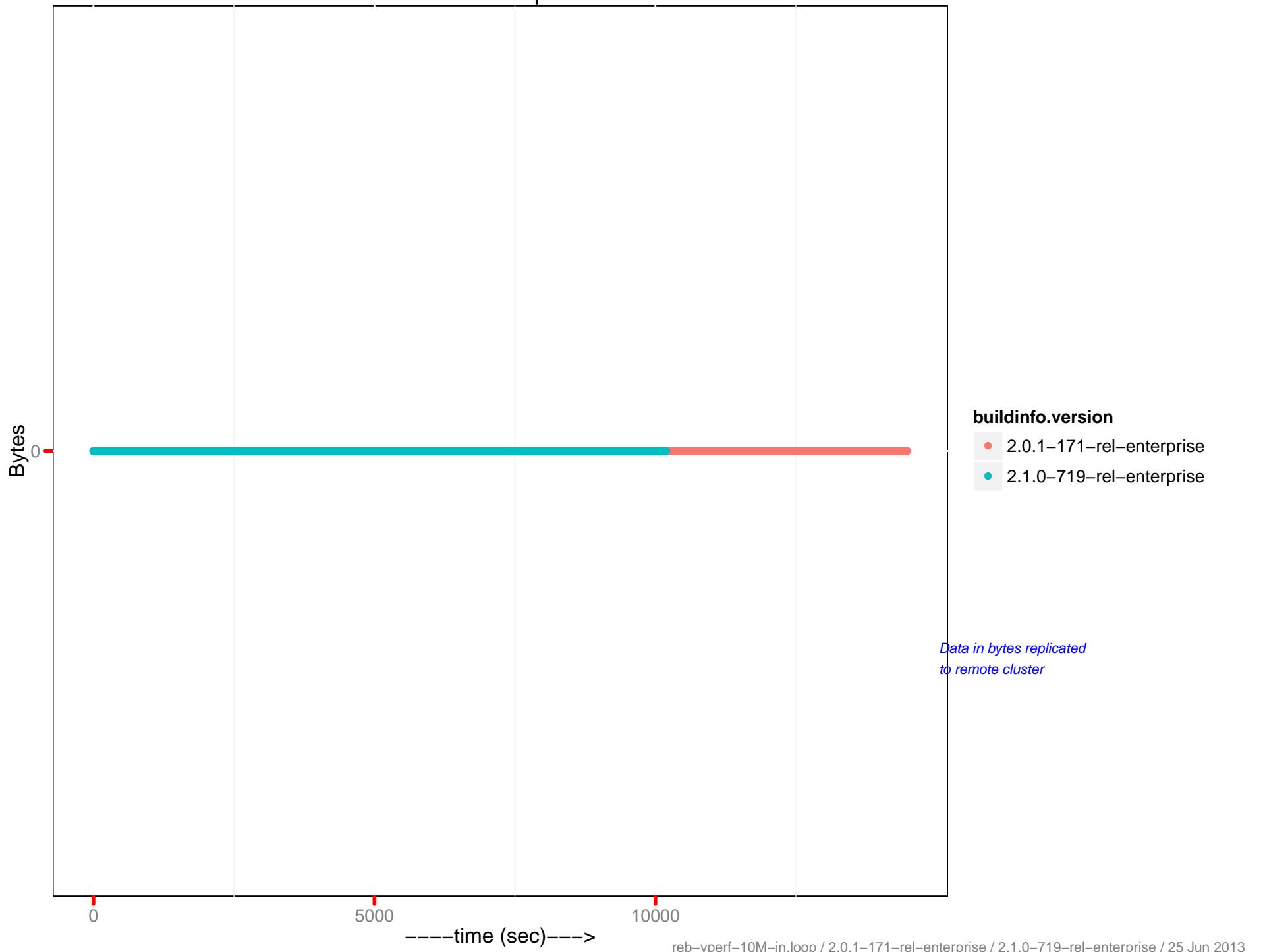
## Mutations checked



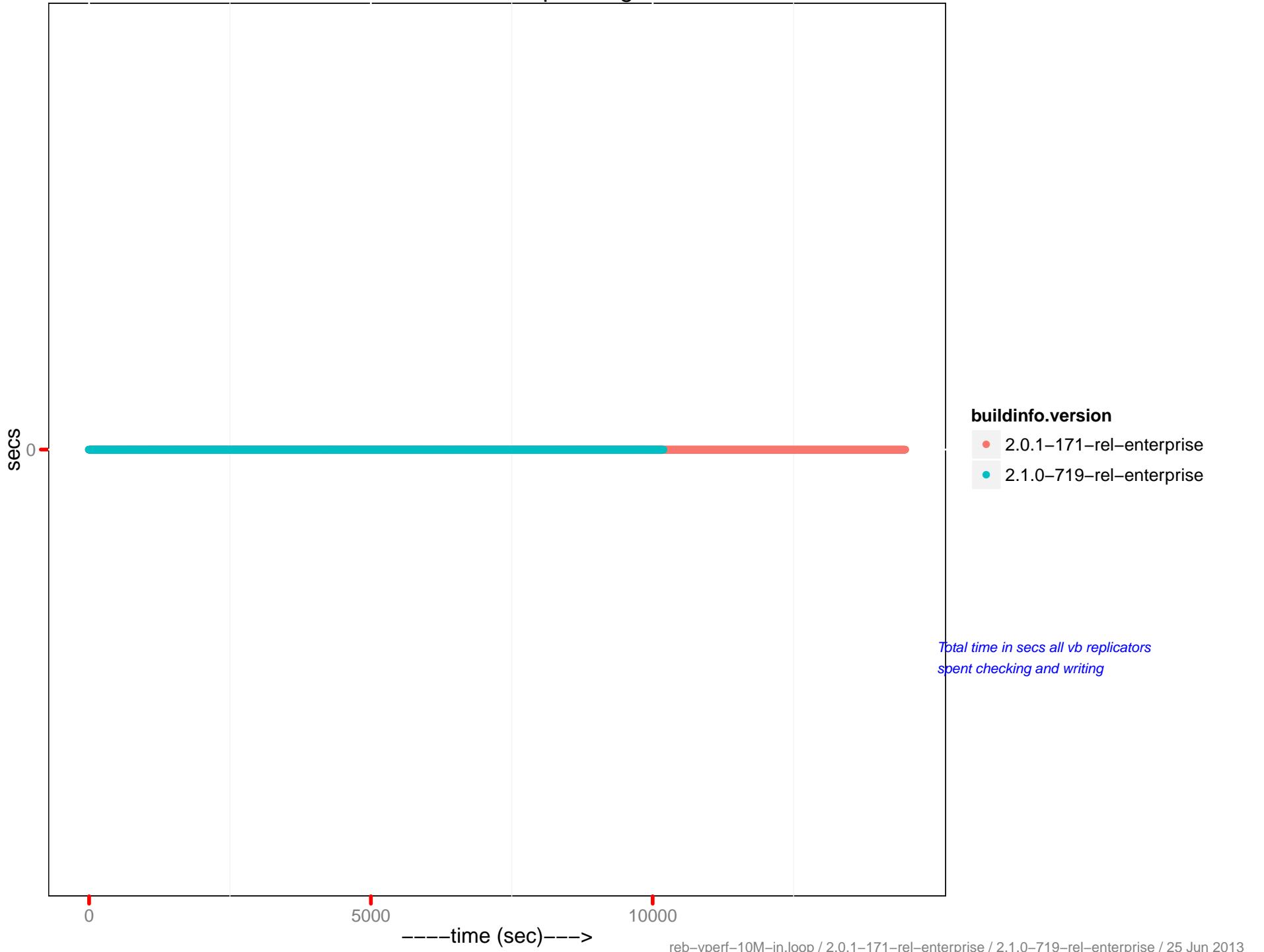
## Mutations replicated



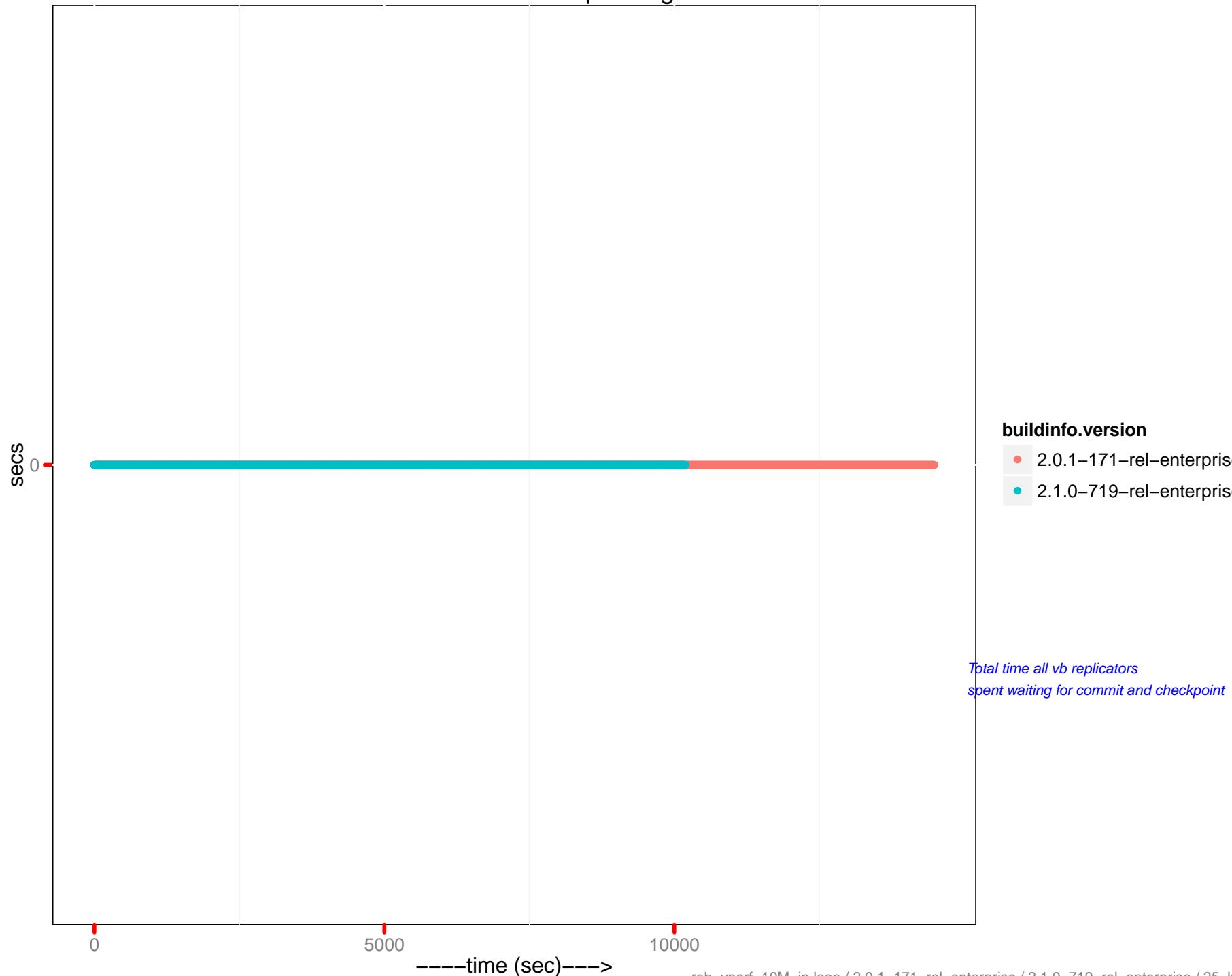
## XDCR data replicated



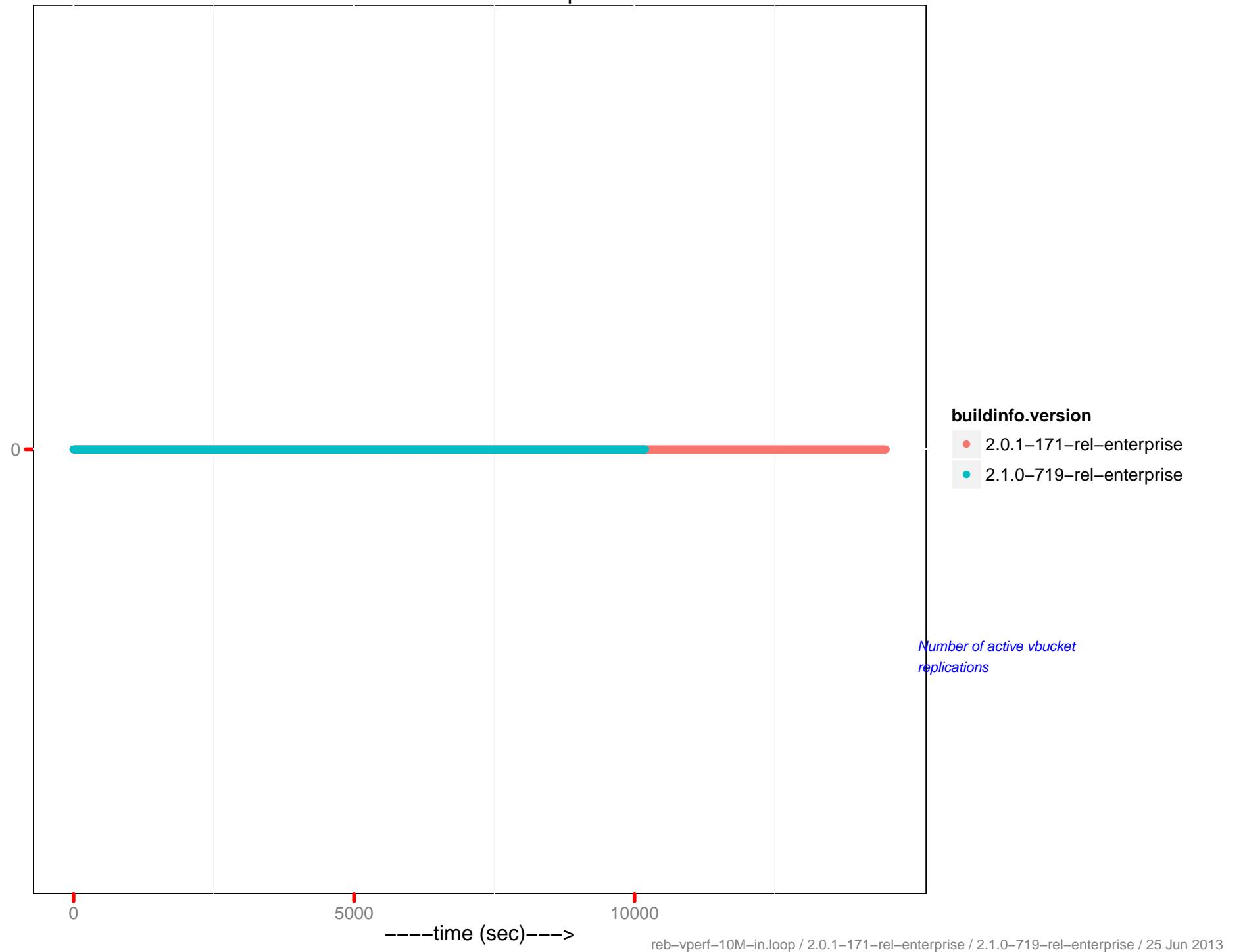
## XDCR secs in replicating



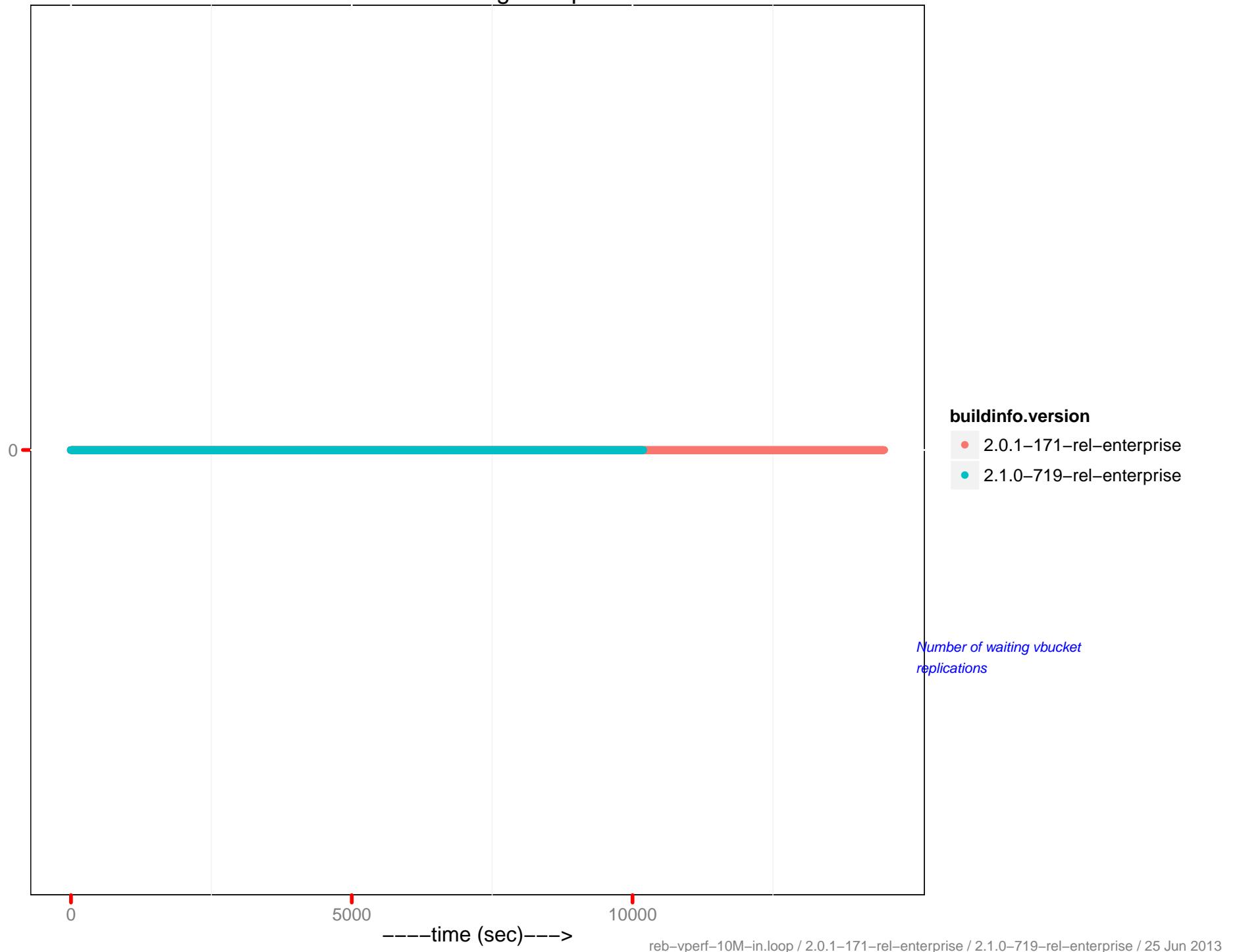
## XDCR secs in checkpointing



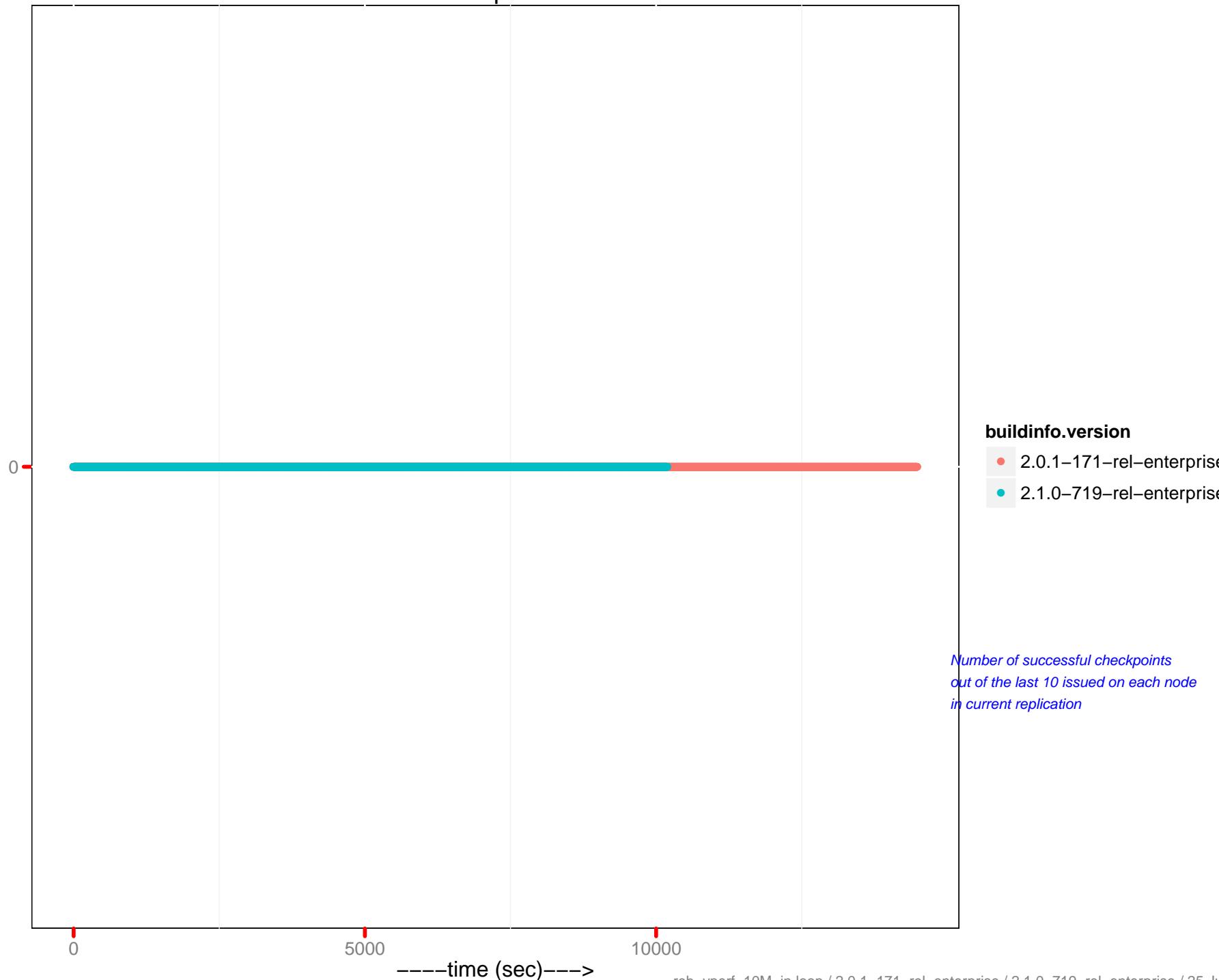
## XDCR active vb reps



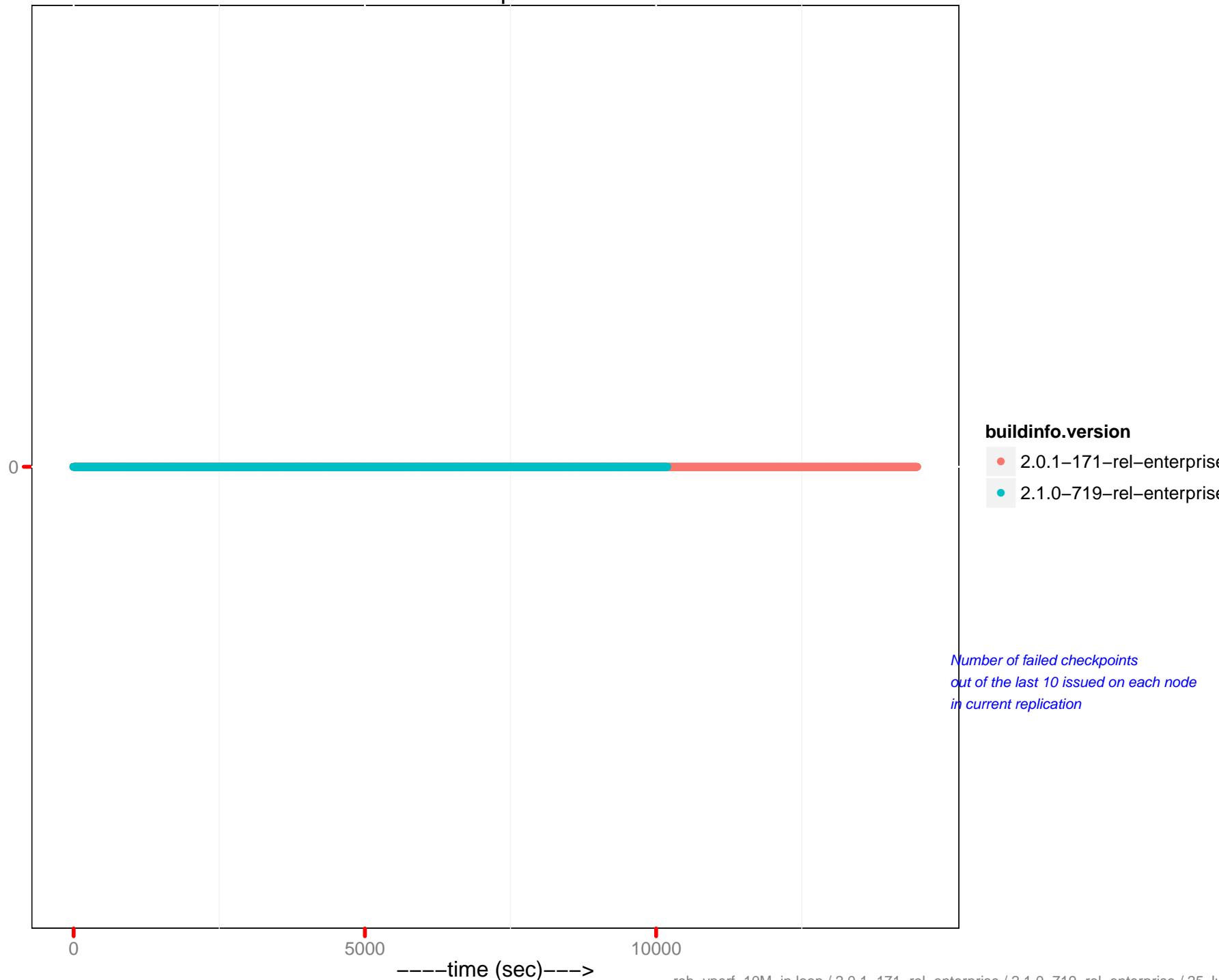
## XDCR waiting vb reps



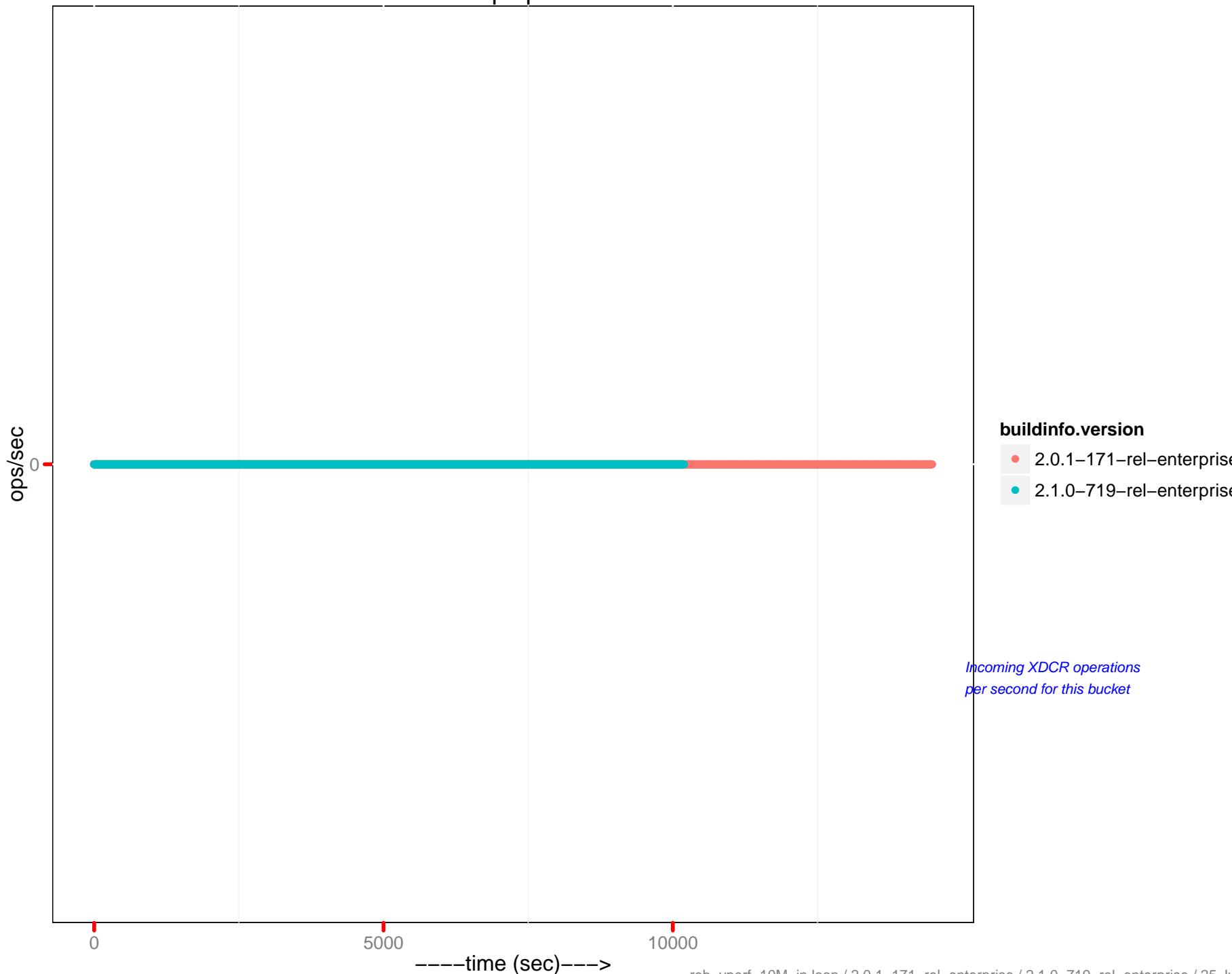
## XDCR checkpoints issued



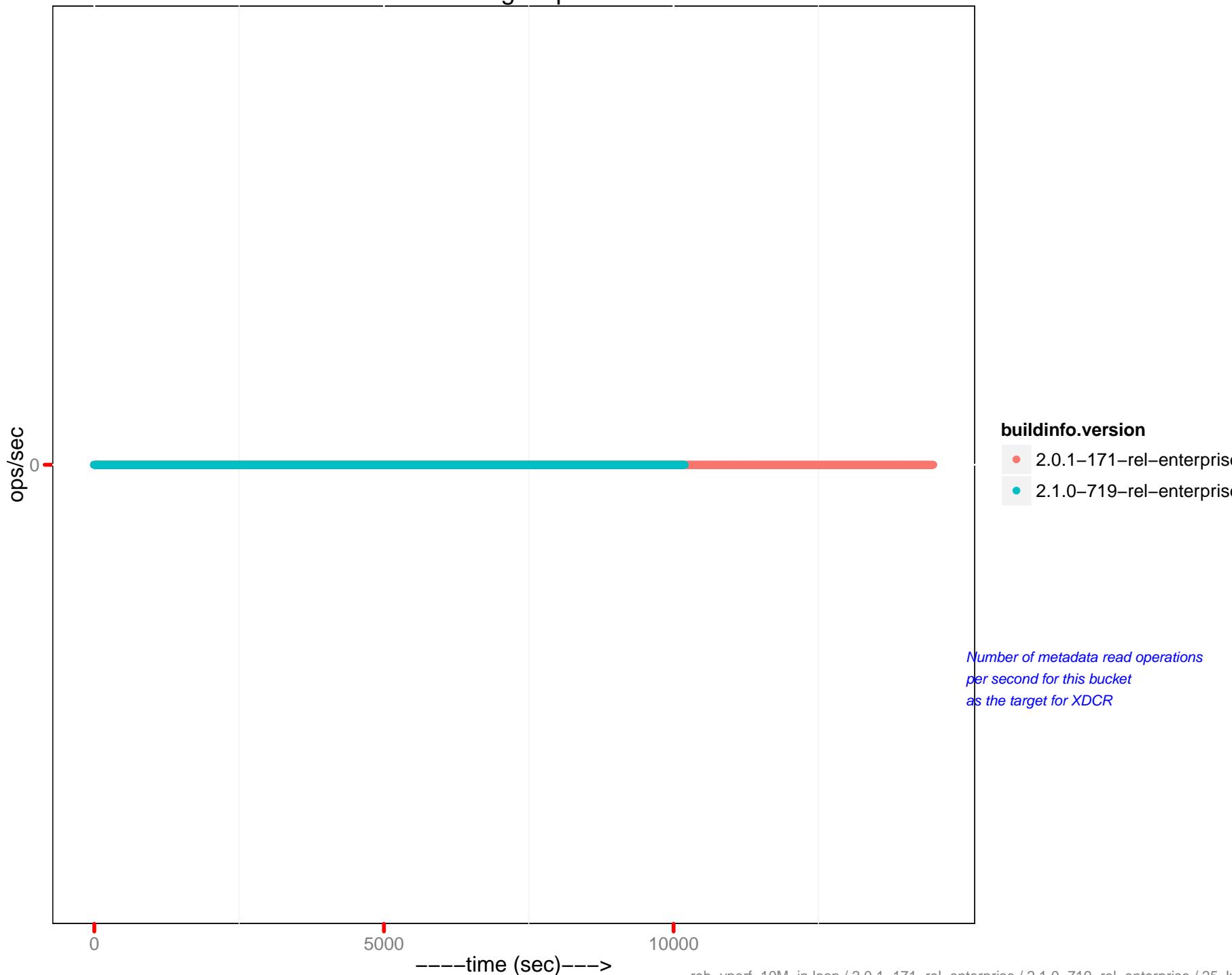
## XDCR checkpoints failed



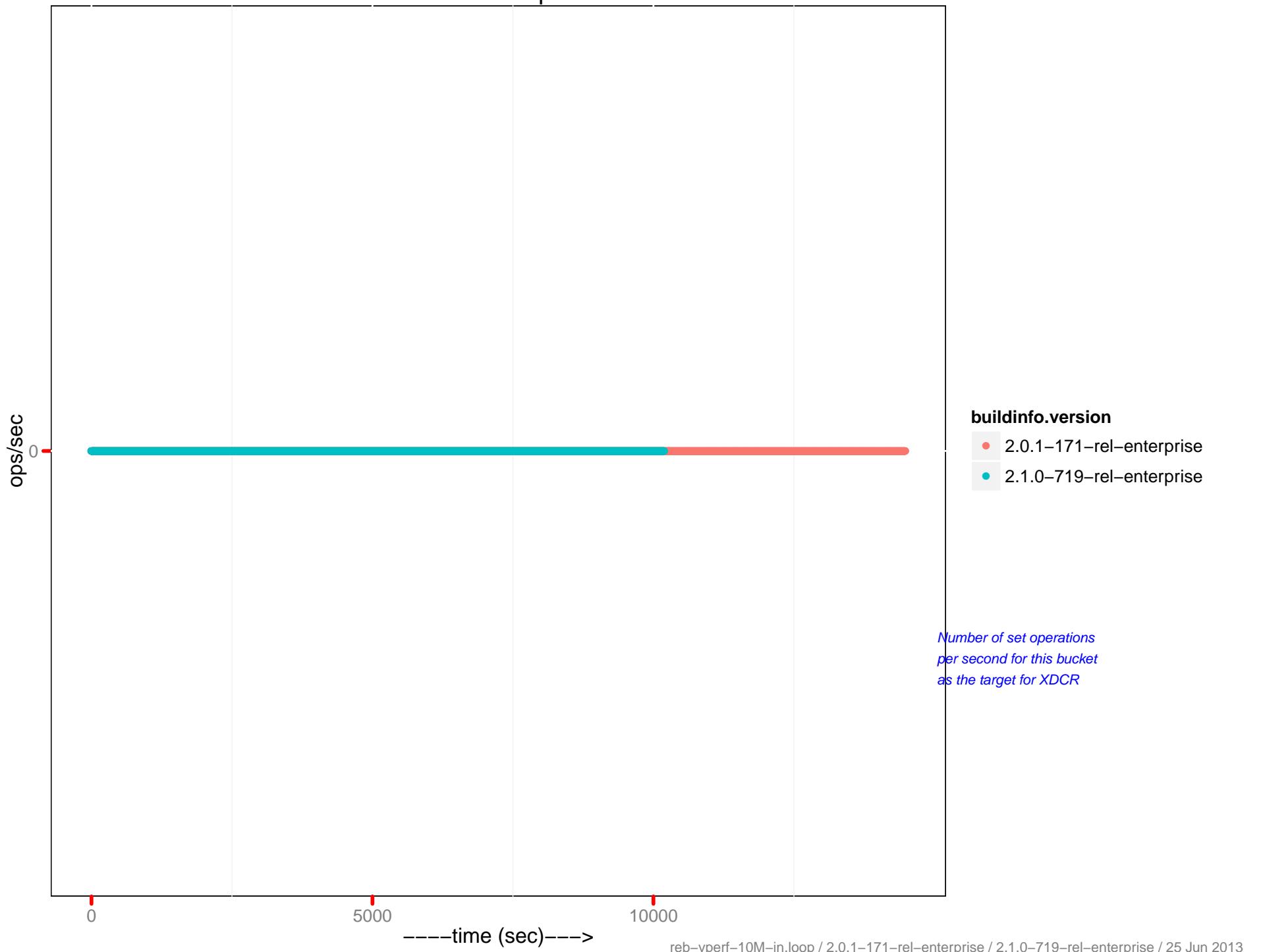
## XDC ops per sec



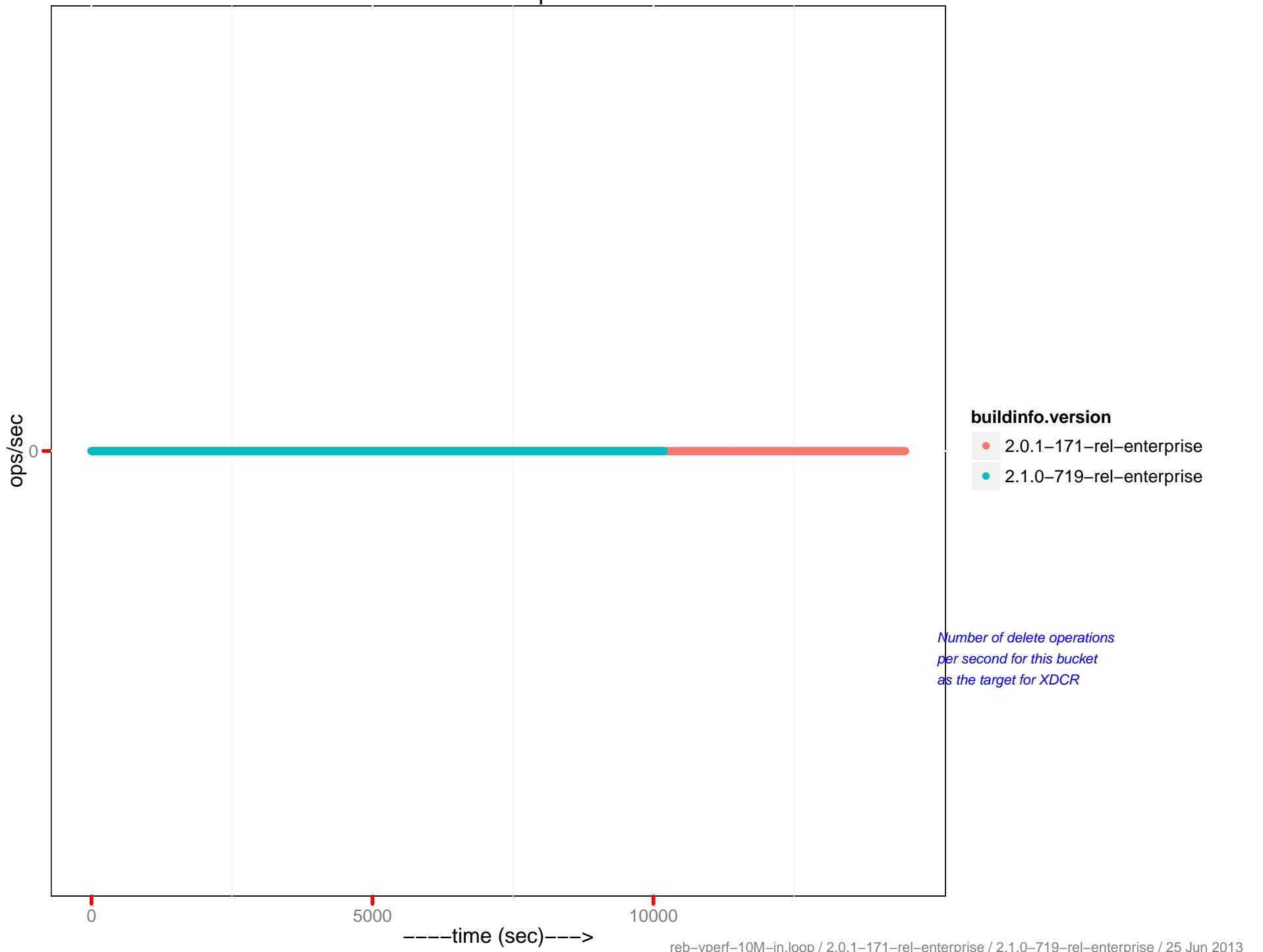
## Metadata gets per sec



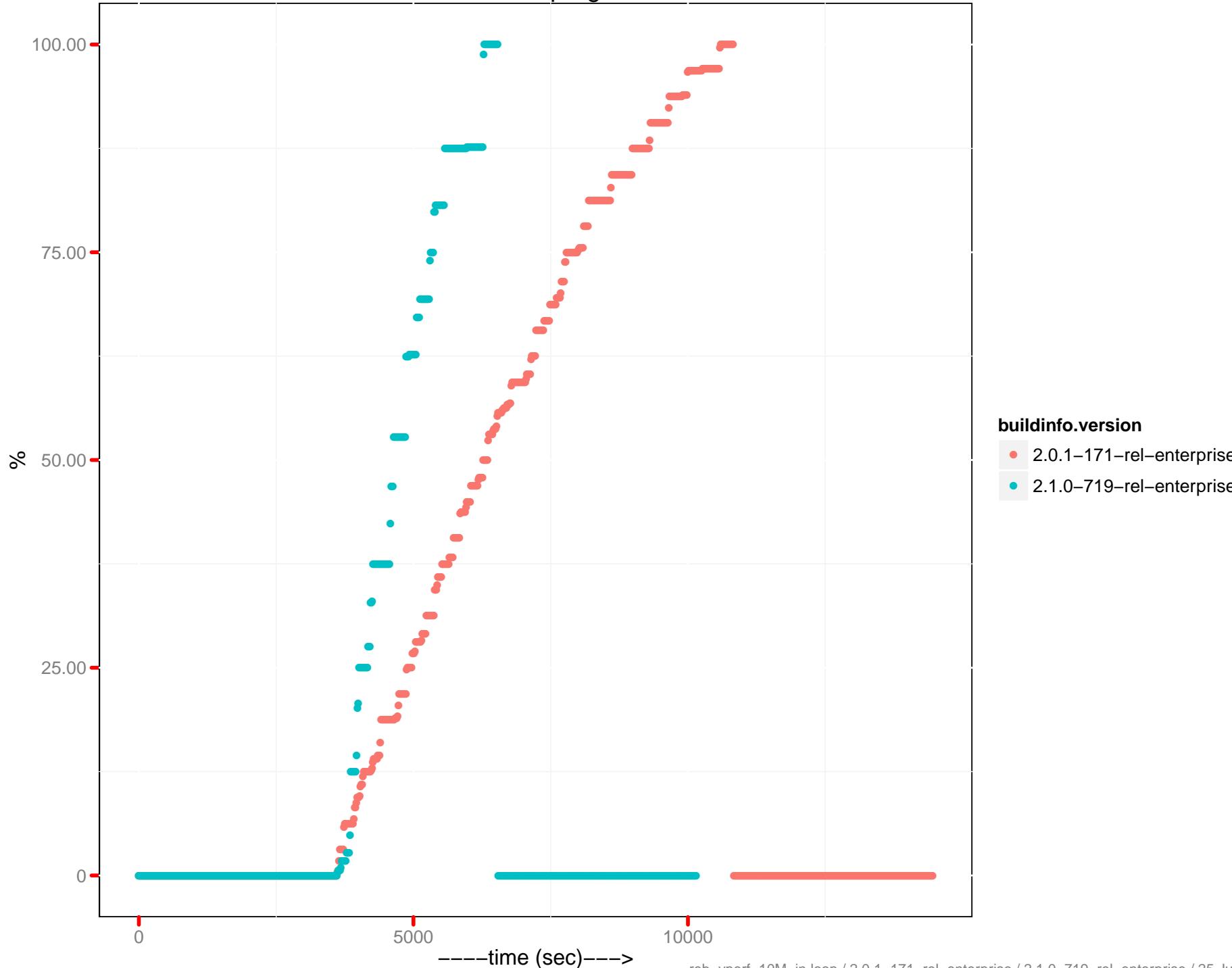
## Metadata sets per sec



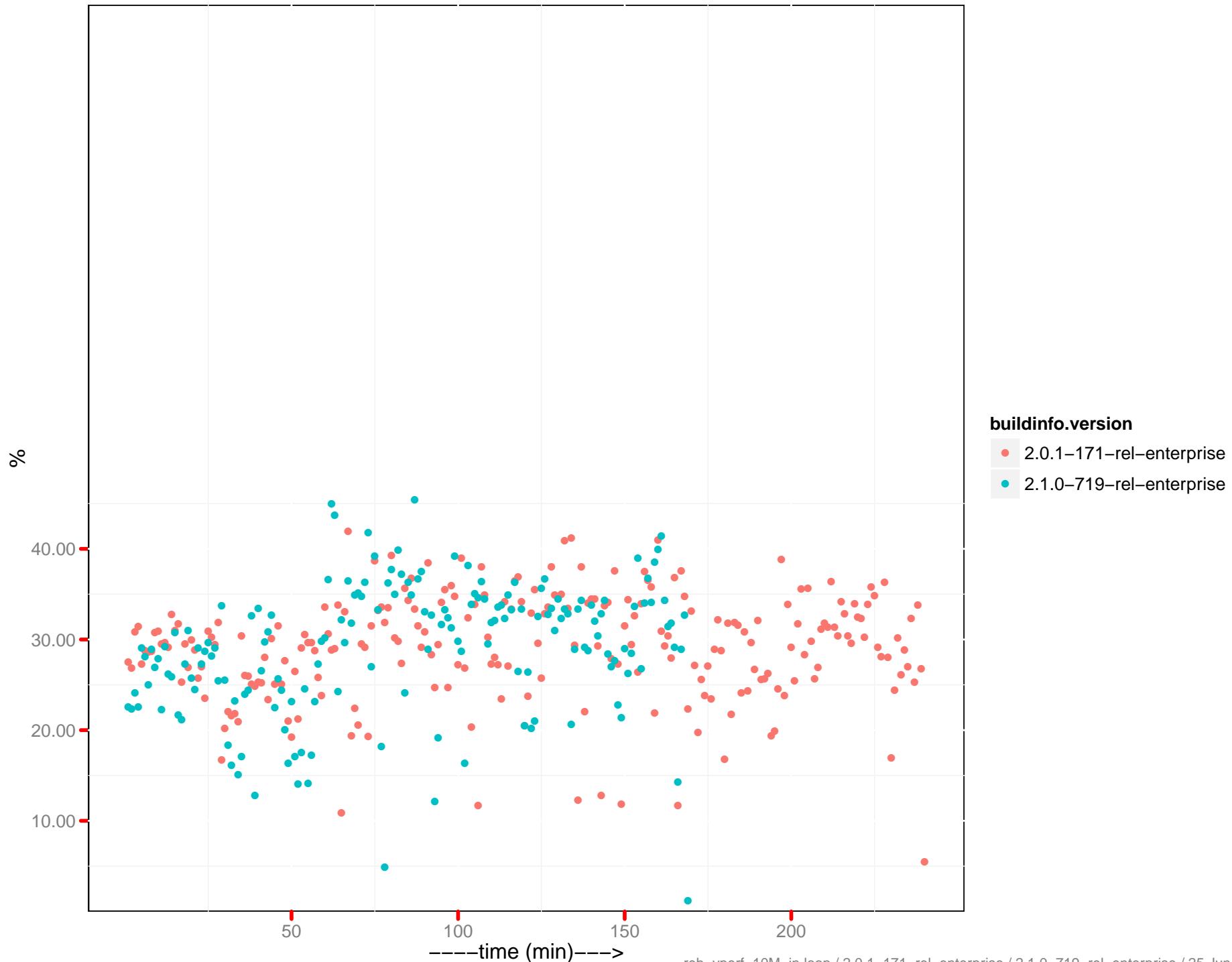
## Metadata dels per sec



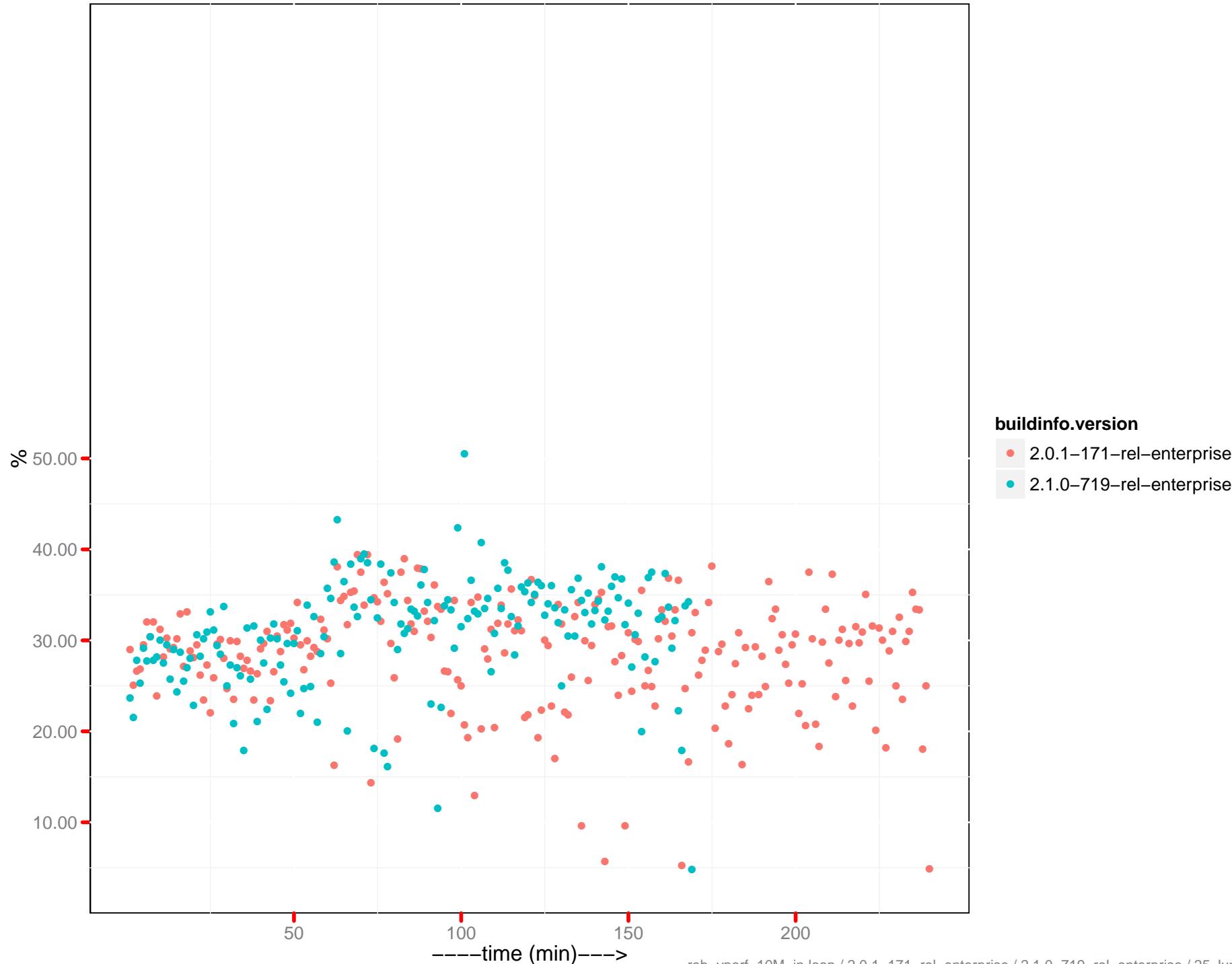
## Rebalance progress



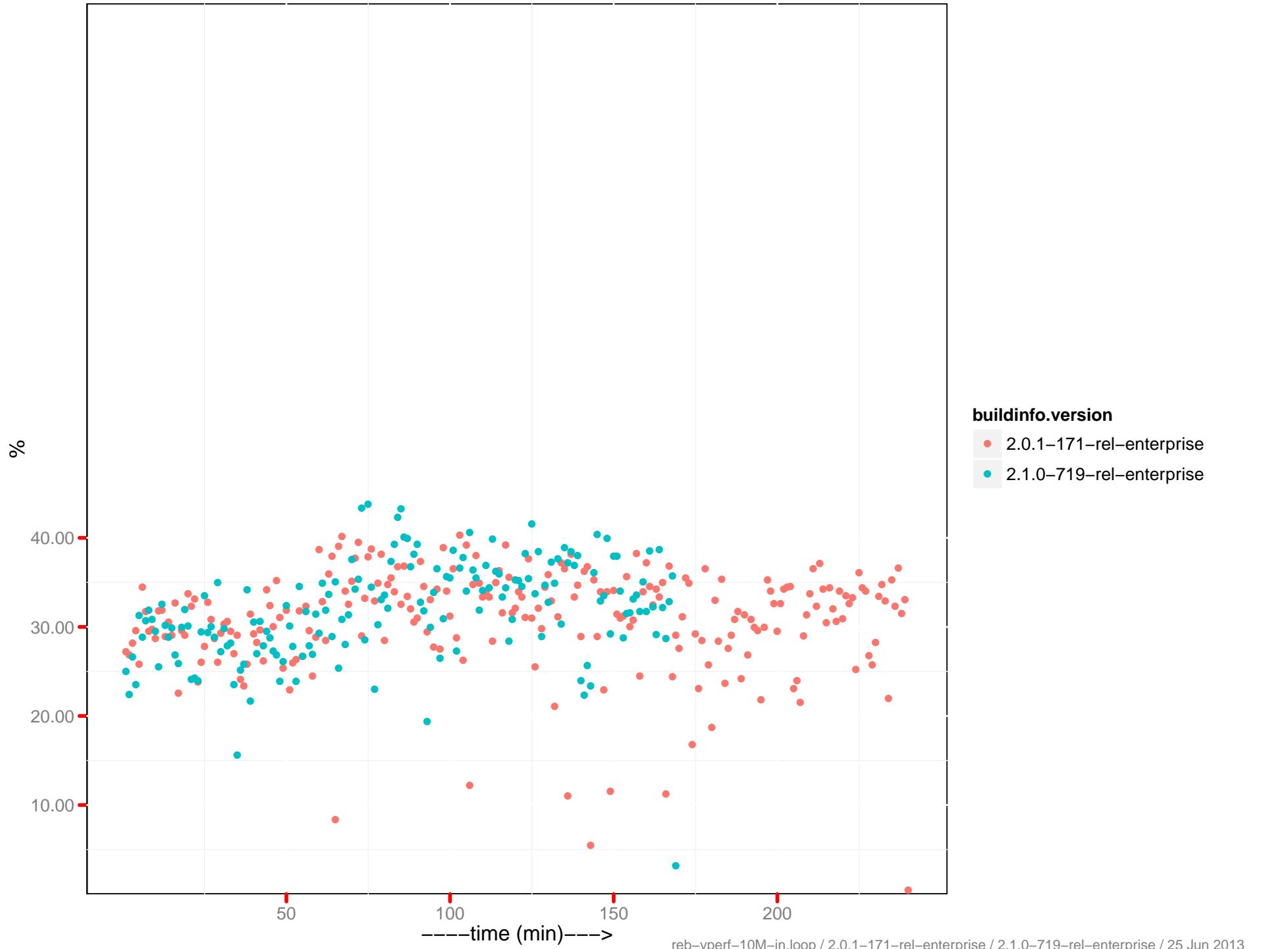
# CPU utilization – 172.23.96.15:8091



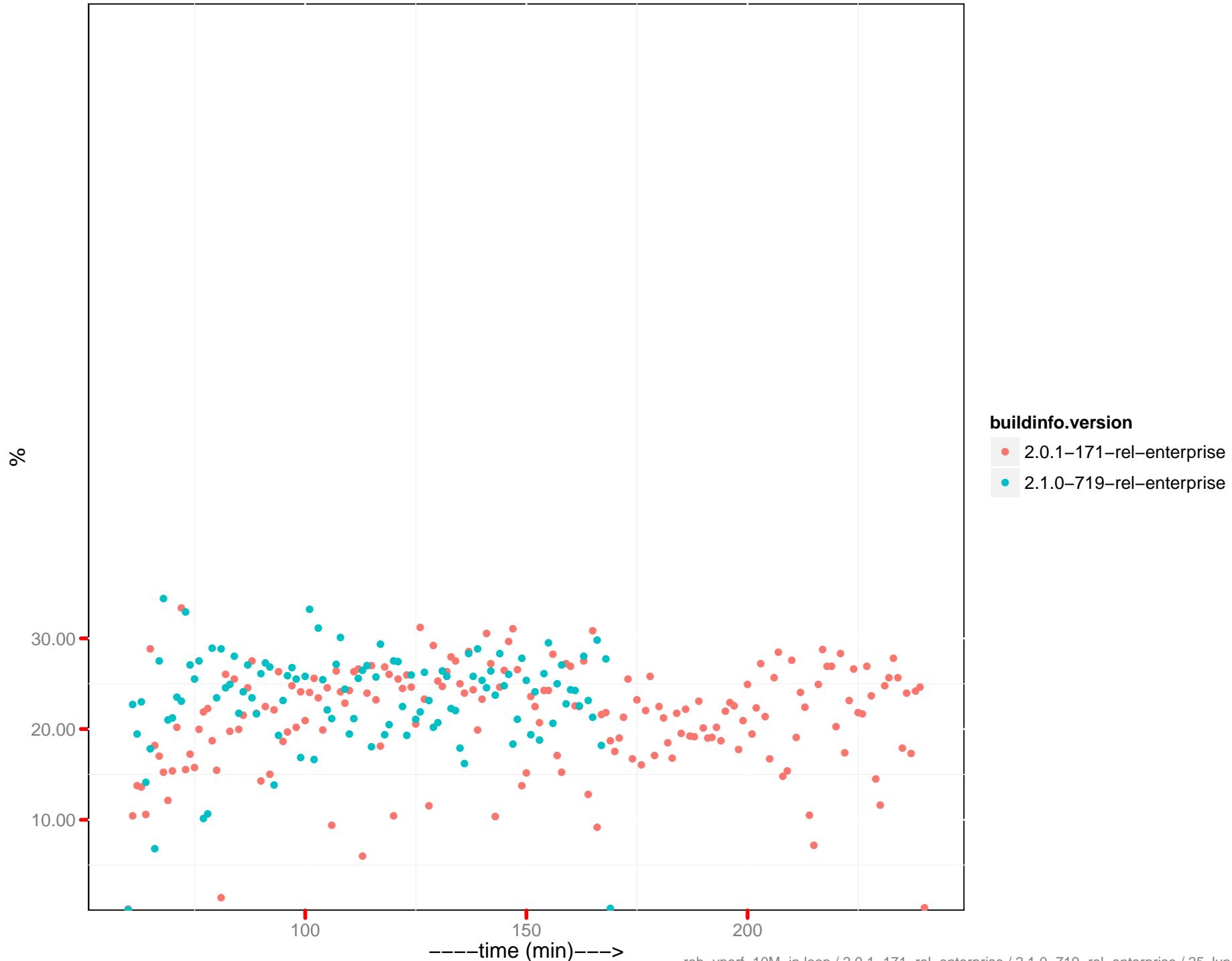
# CPU utilization – 172.23.96.16:8091



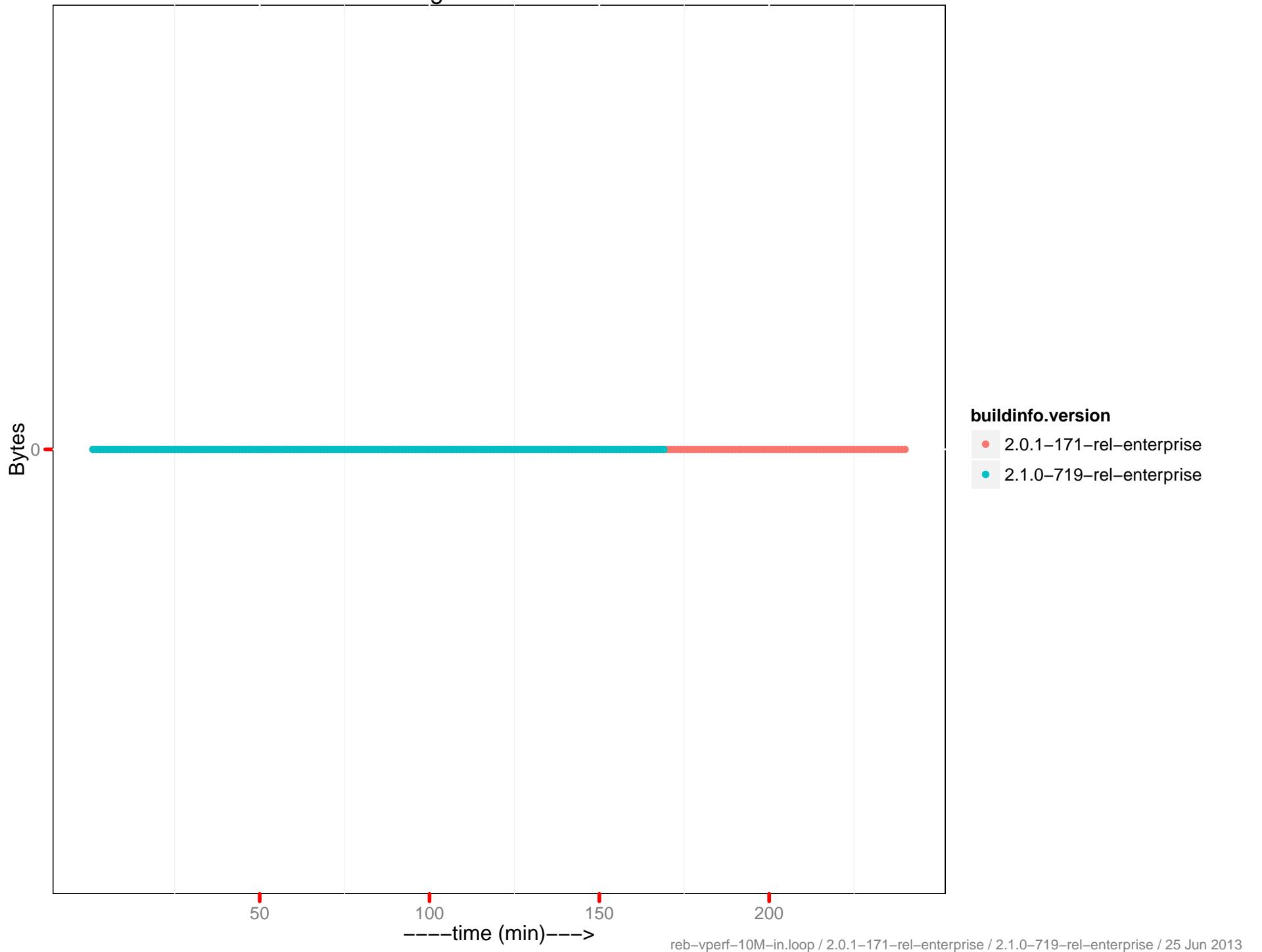
# CPU utilization – 172.23.96.17:8091



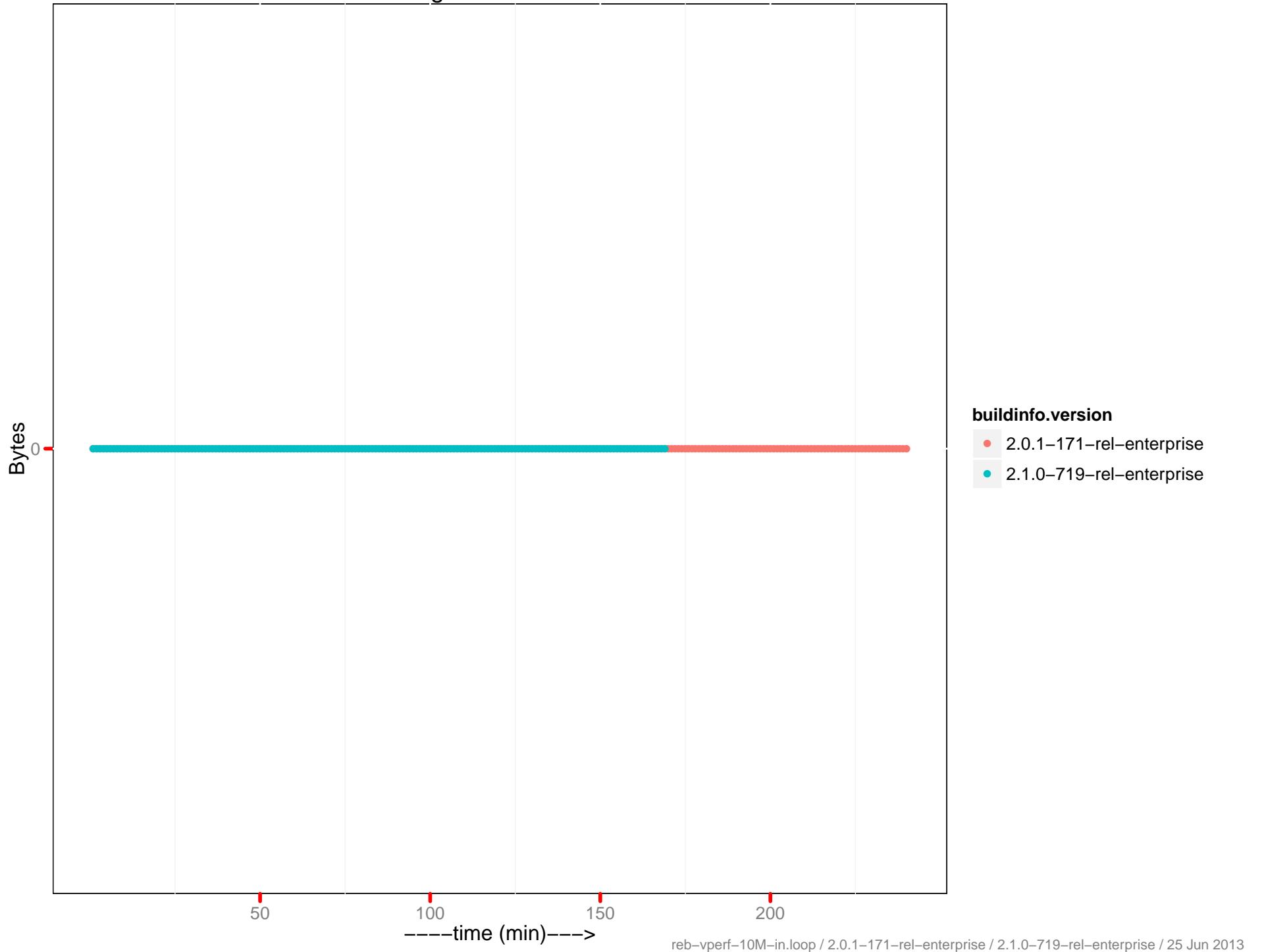
# CPU utilization – 172.23.96.18:8091



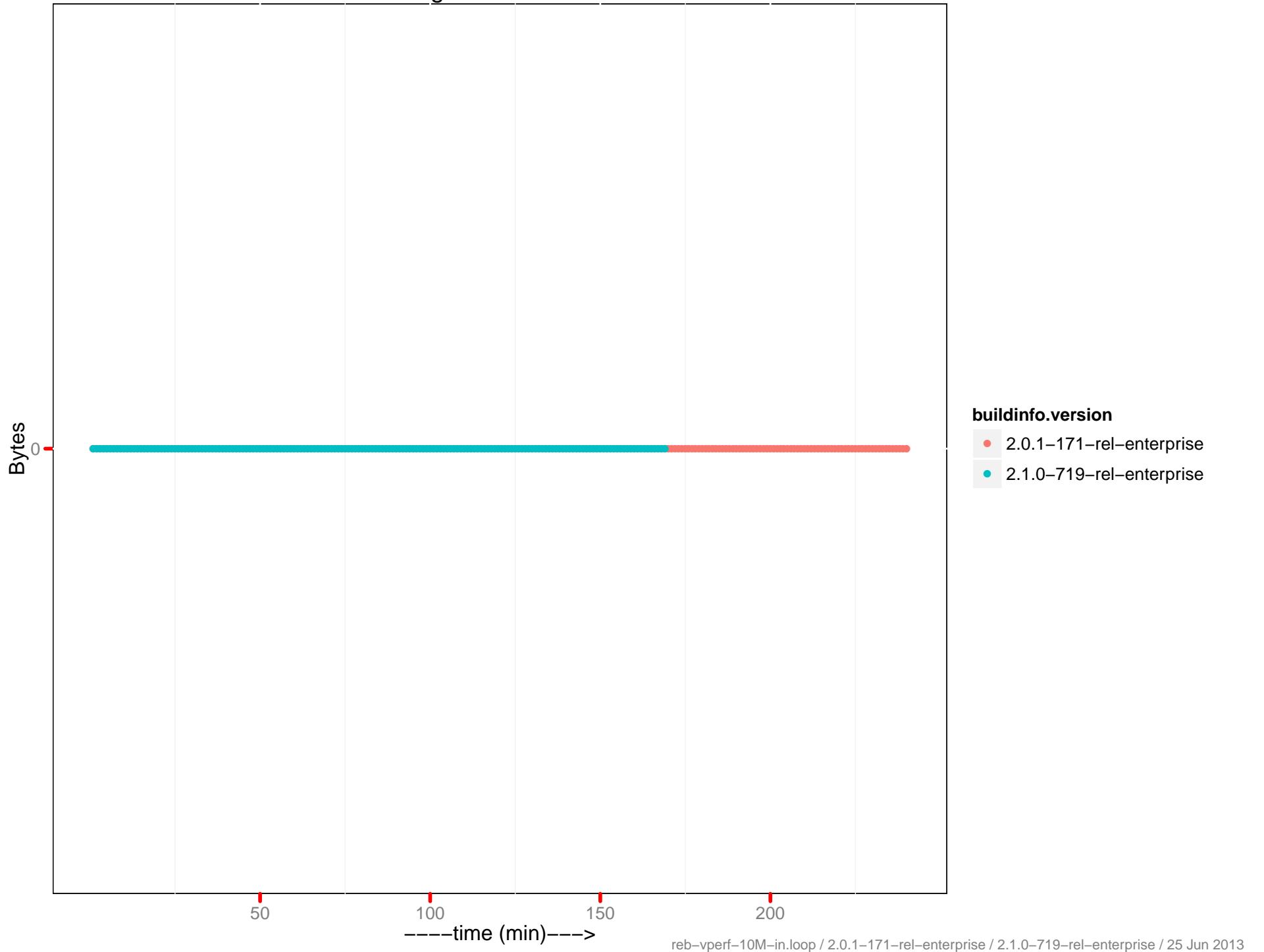
## SWAP Usage – 172.23.96.15:8091



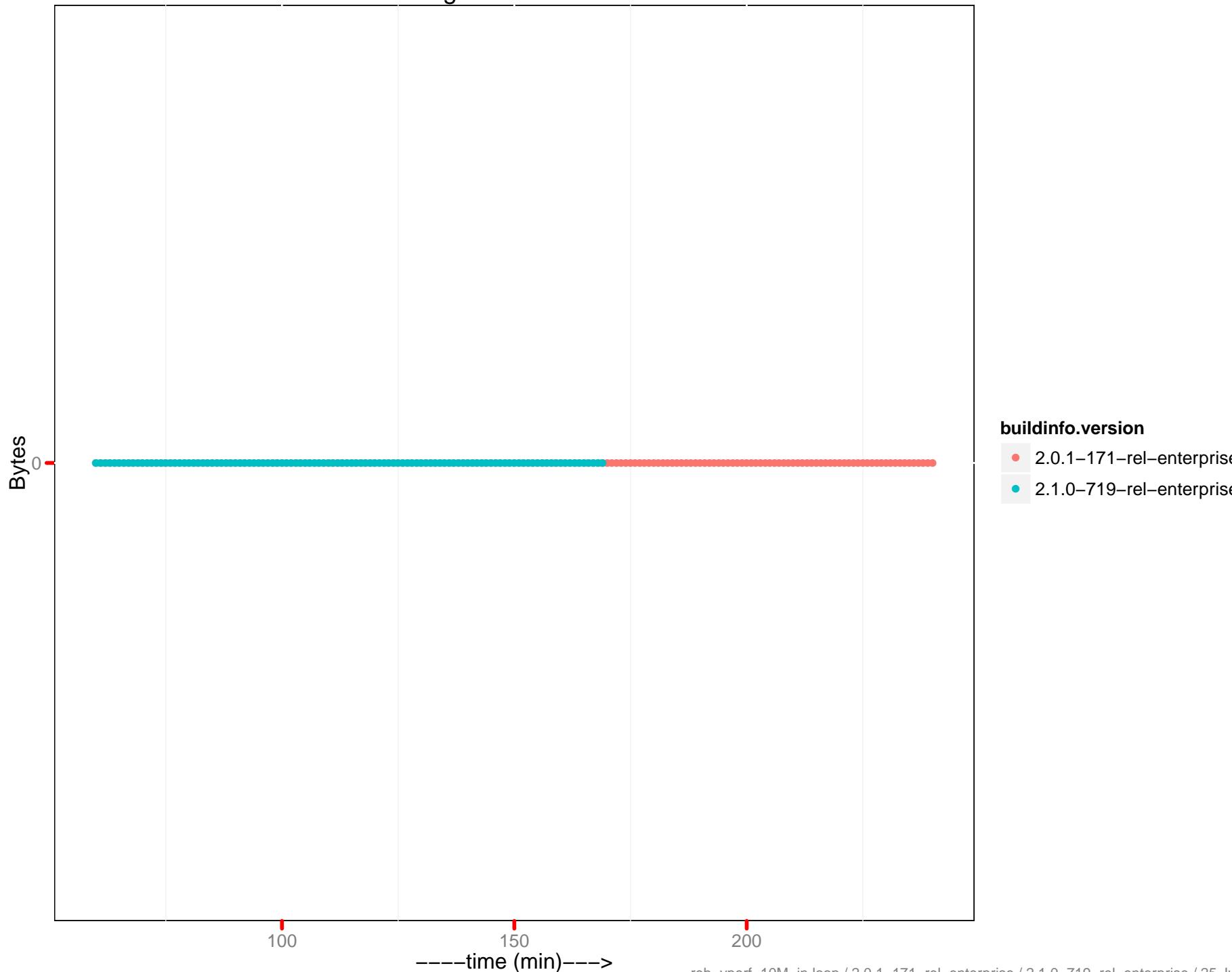
## SWAP Usage – 172.23.96.16:8091



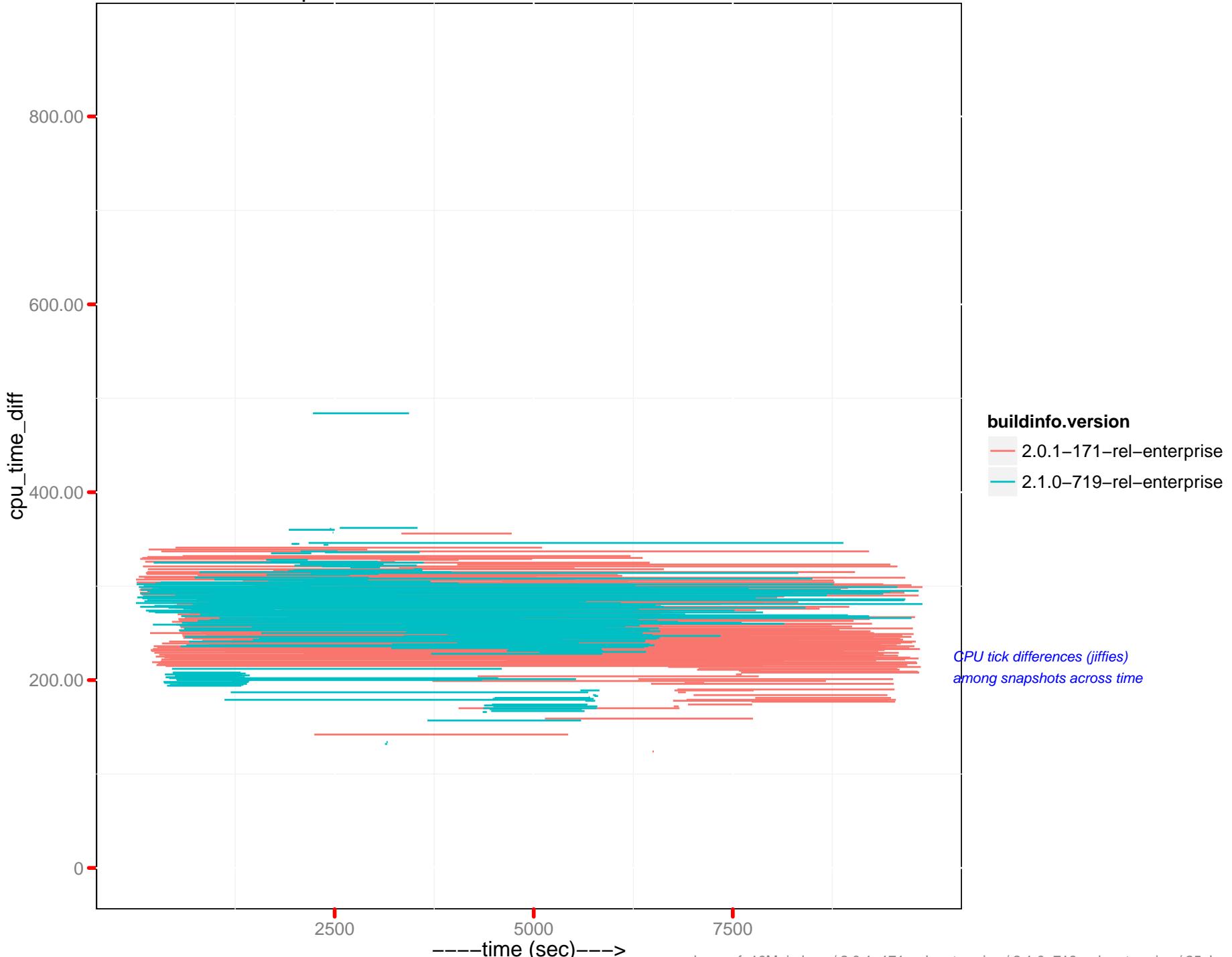
## SWAP Usage – 172.23.96.17:8091



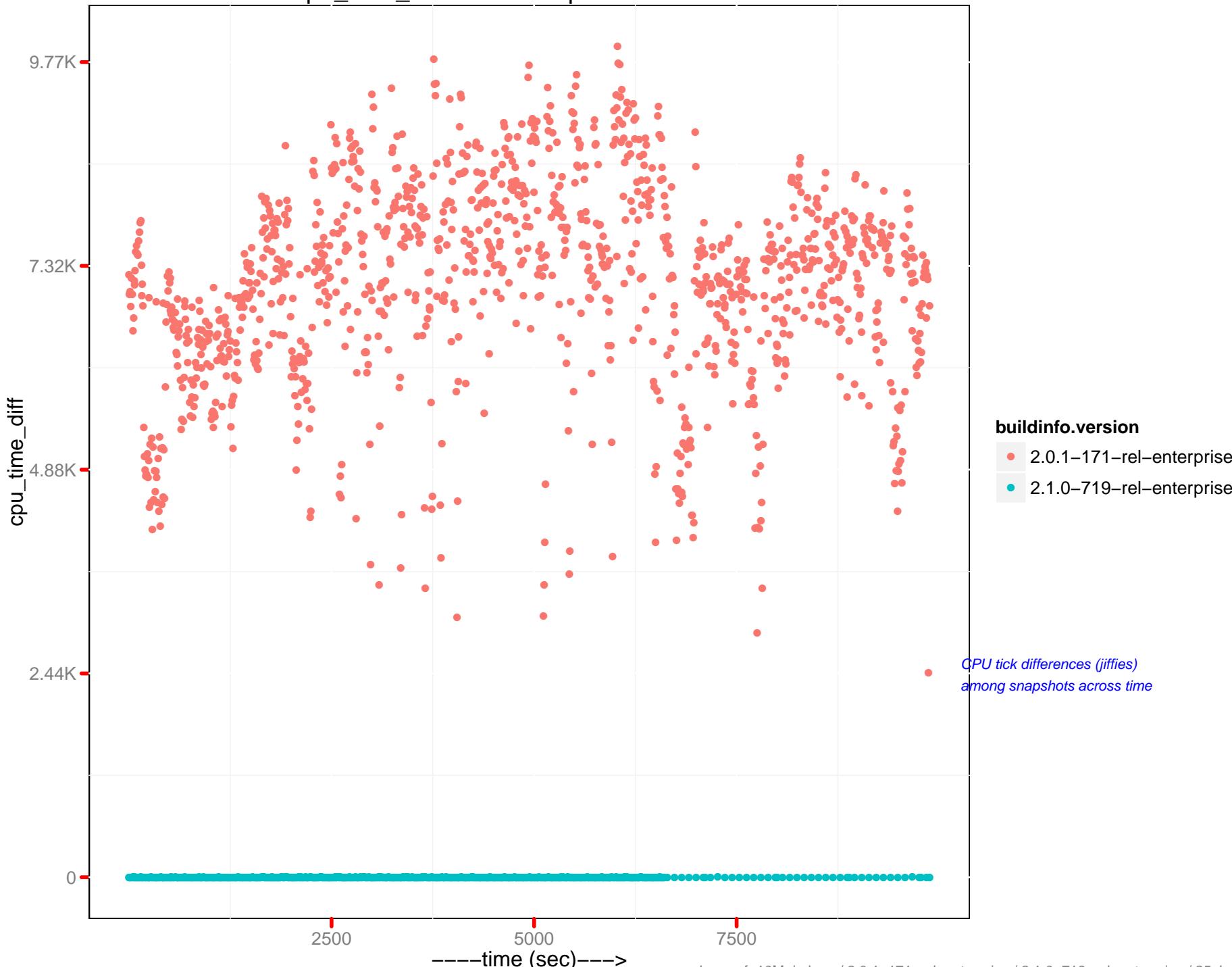
## SWAP Usage – 172.23.96.18:8091



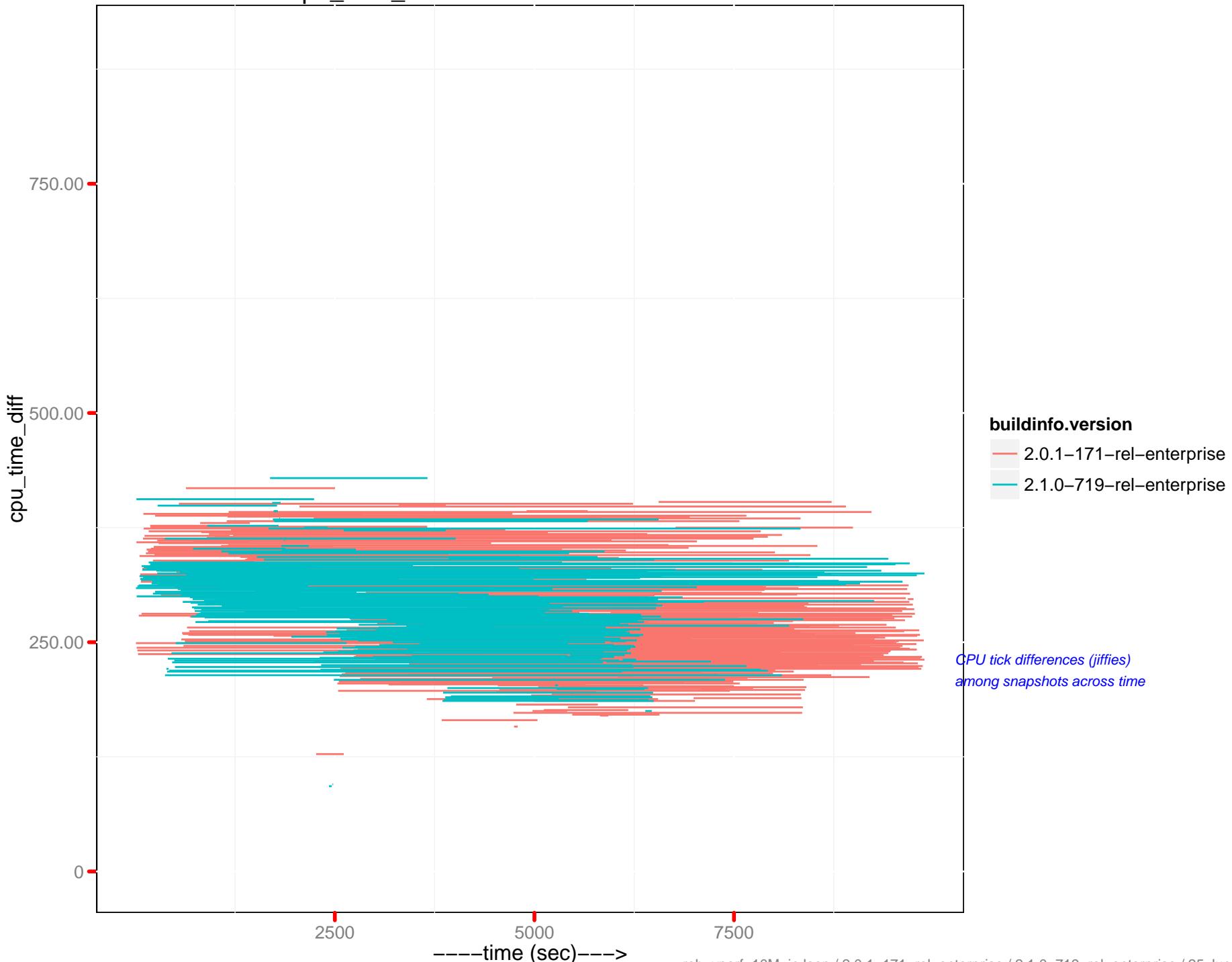
cpu\_time\_diff: memcached – 172.23.96.15



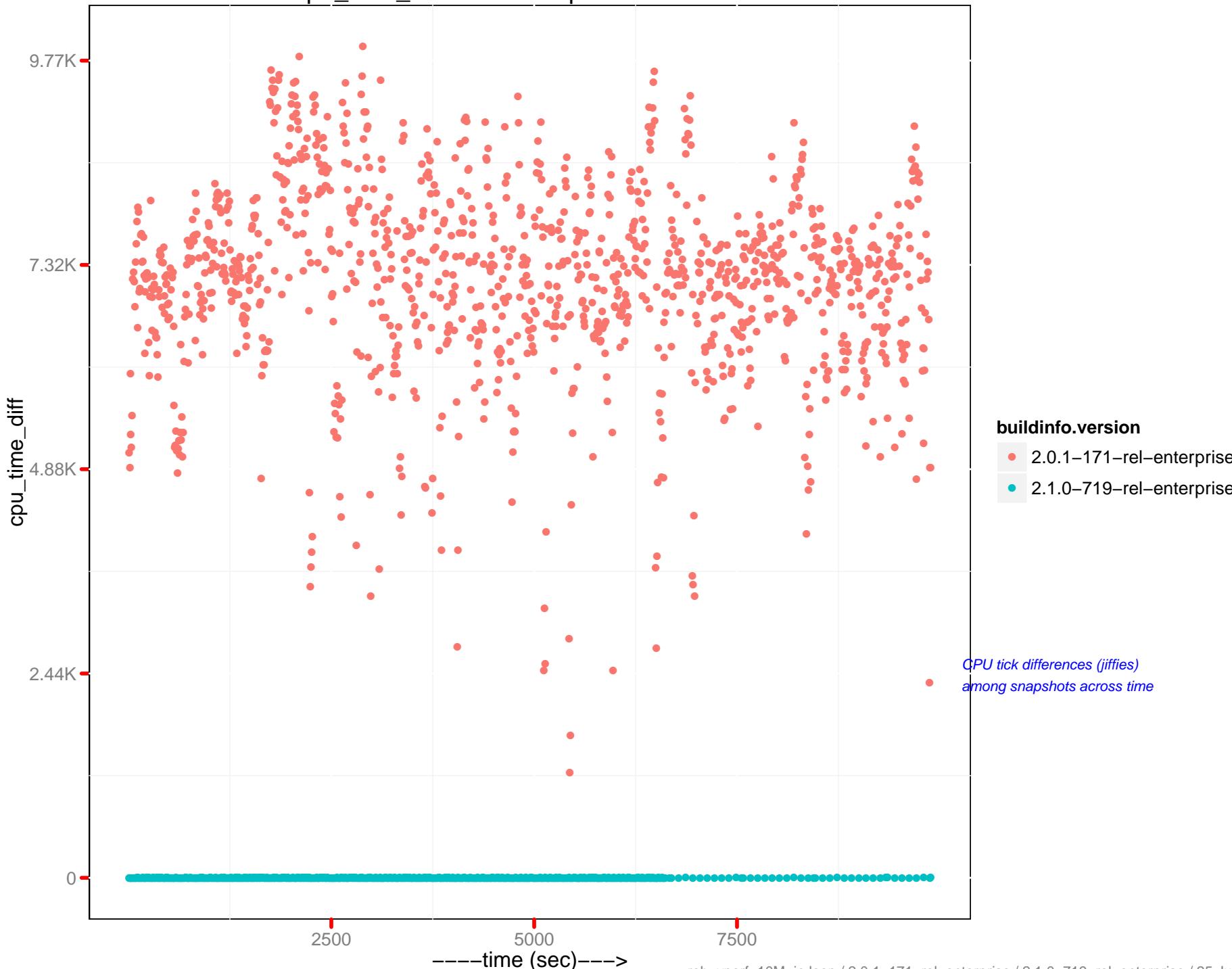
### cpu\_time\_diff : beam.smp – 172.23.96.15



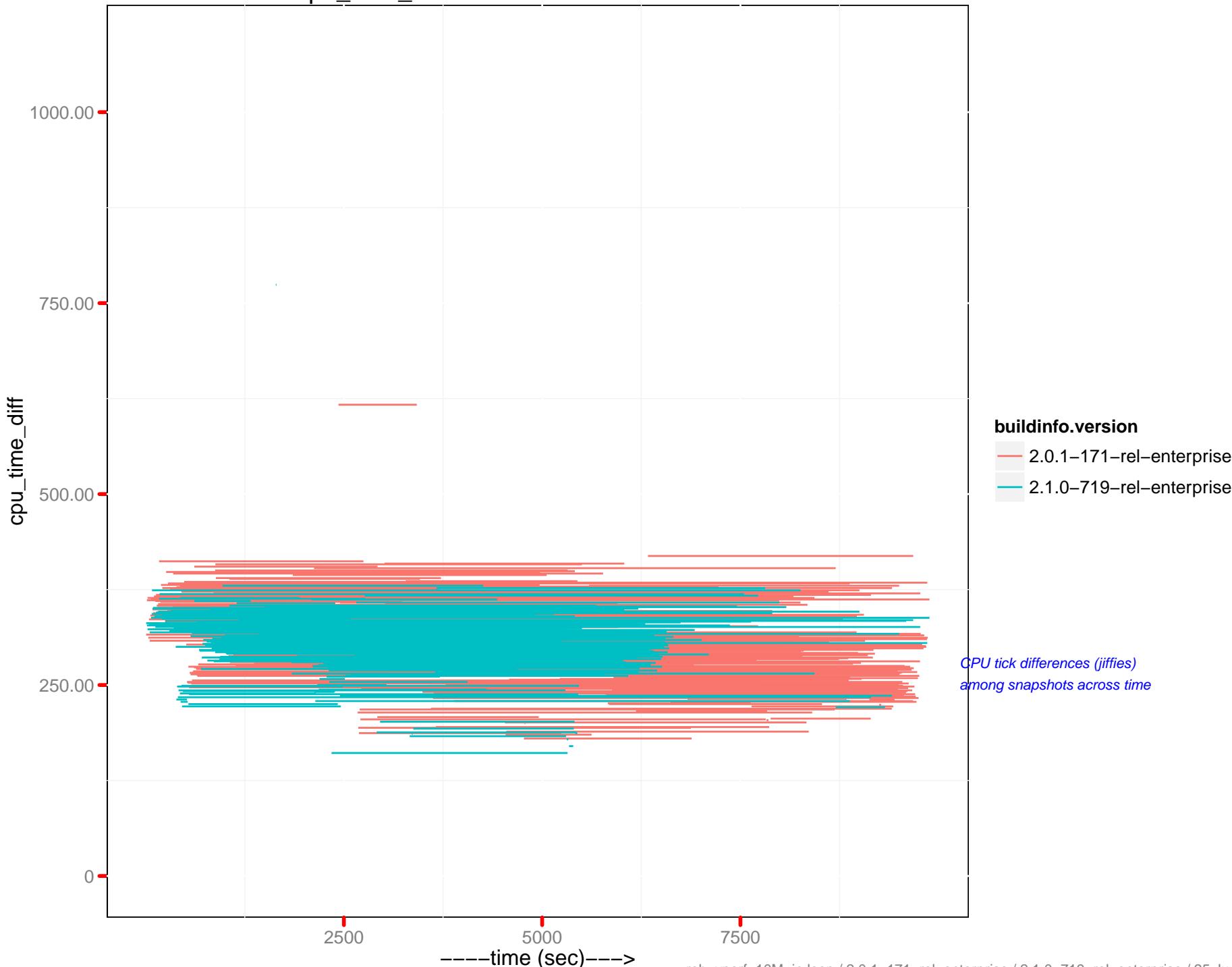
### cpu\_time\_diff: memcached – 172.23.96.16



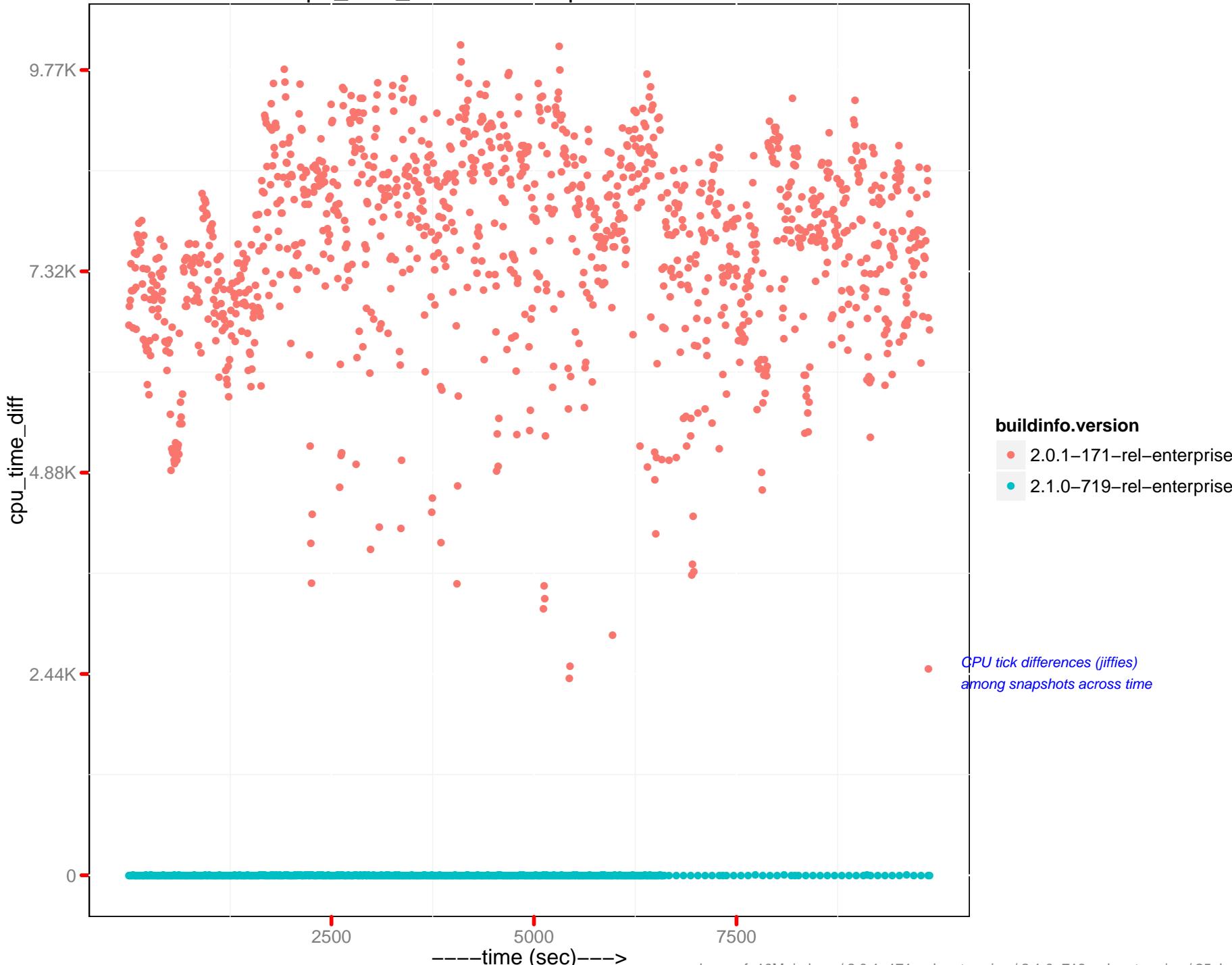
### cpu\_time\_diff : beam.smp – 172.23.96.16



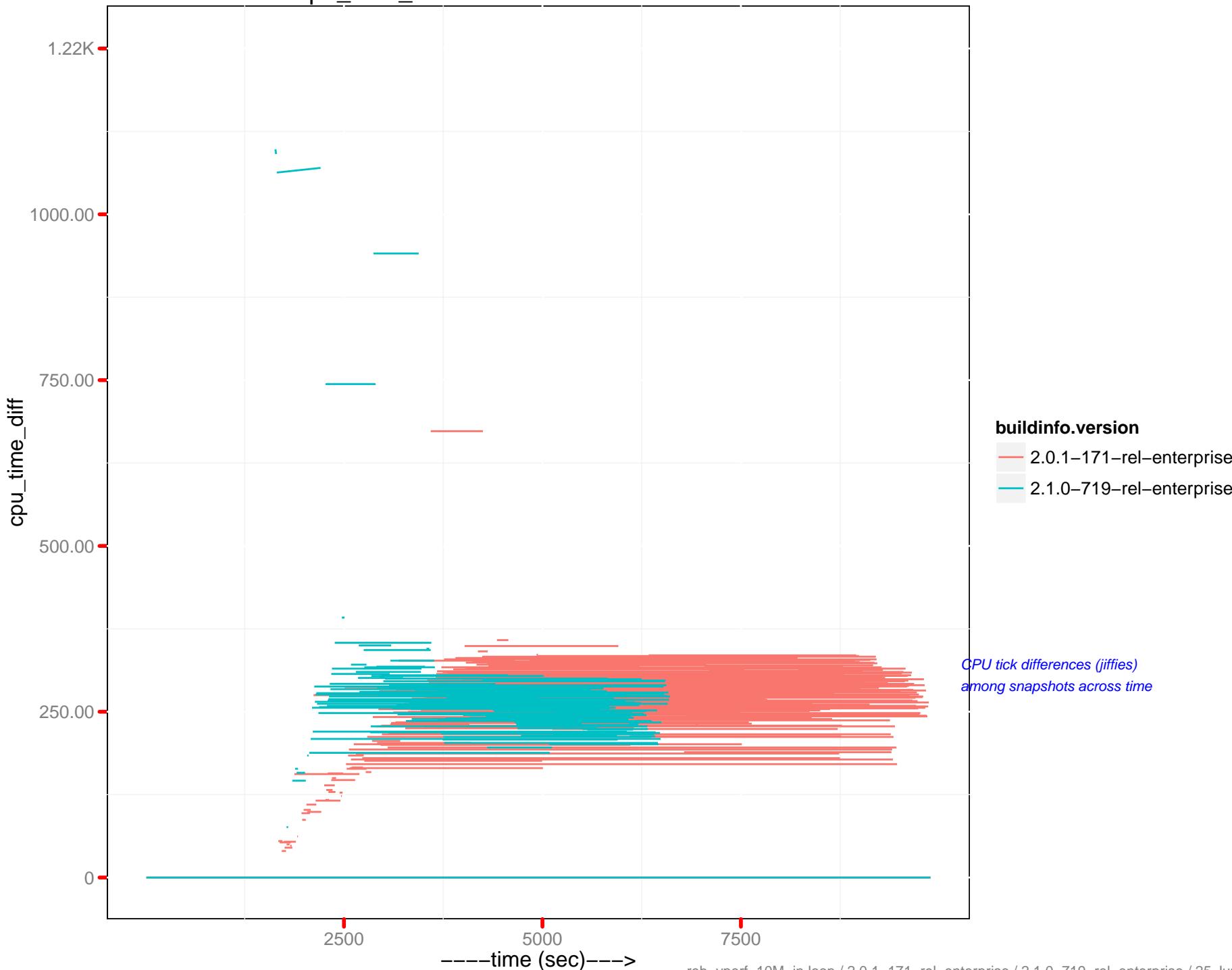
# cpu\_time\_diff: memcached – 172.23.96.17



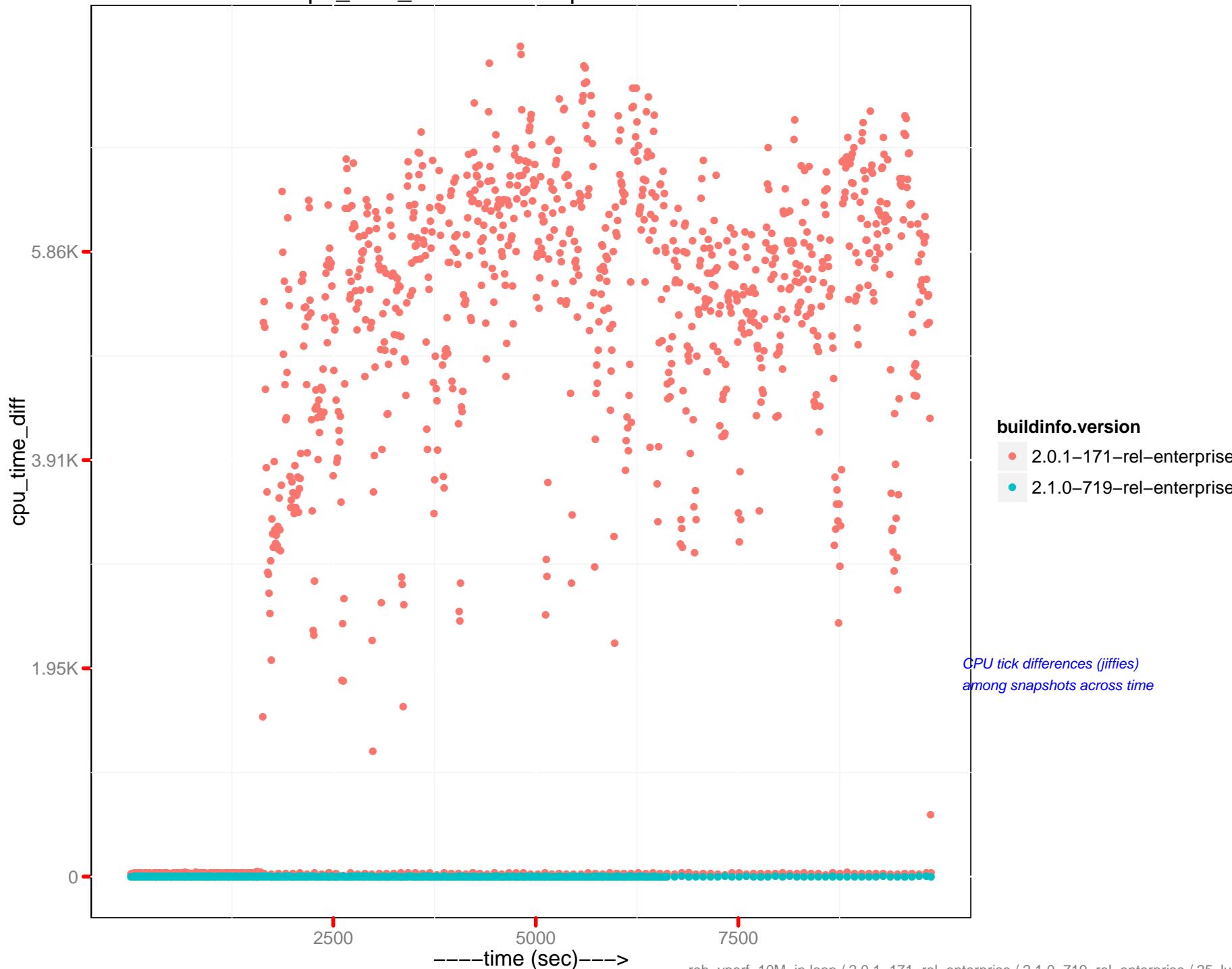
### cpu\_time\_diff : beam.smp – 172.23.96.17



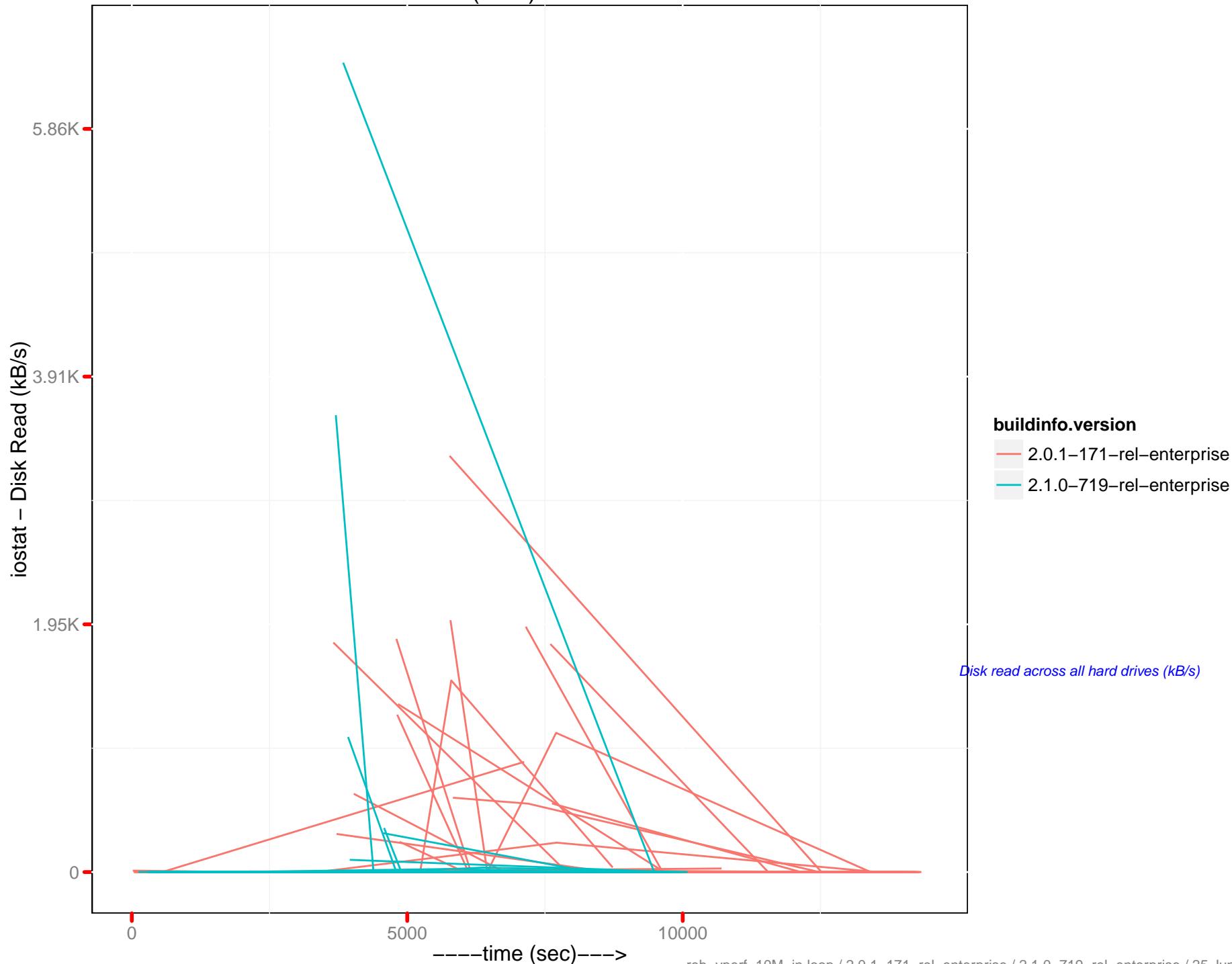
### cpu\_time\_diff: memcached – 172.23.96.18



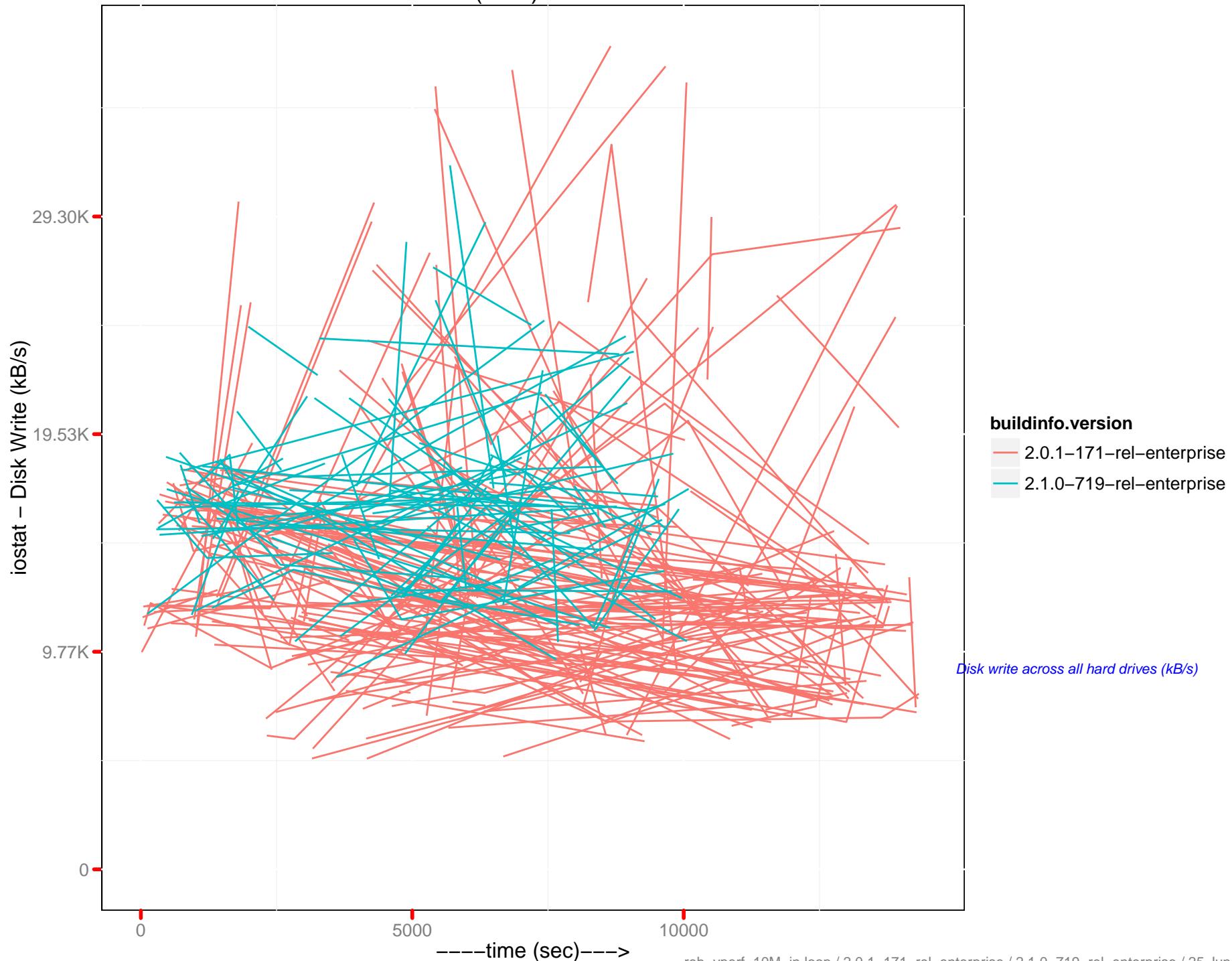
### cpu\_time\_diff : beam.smp – 172.23.96.18



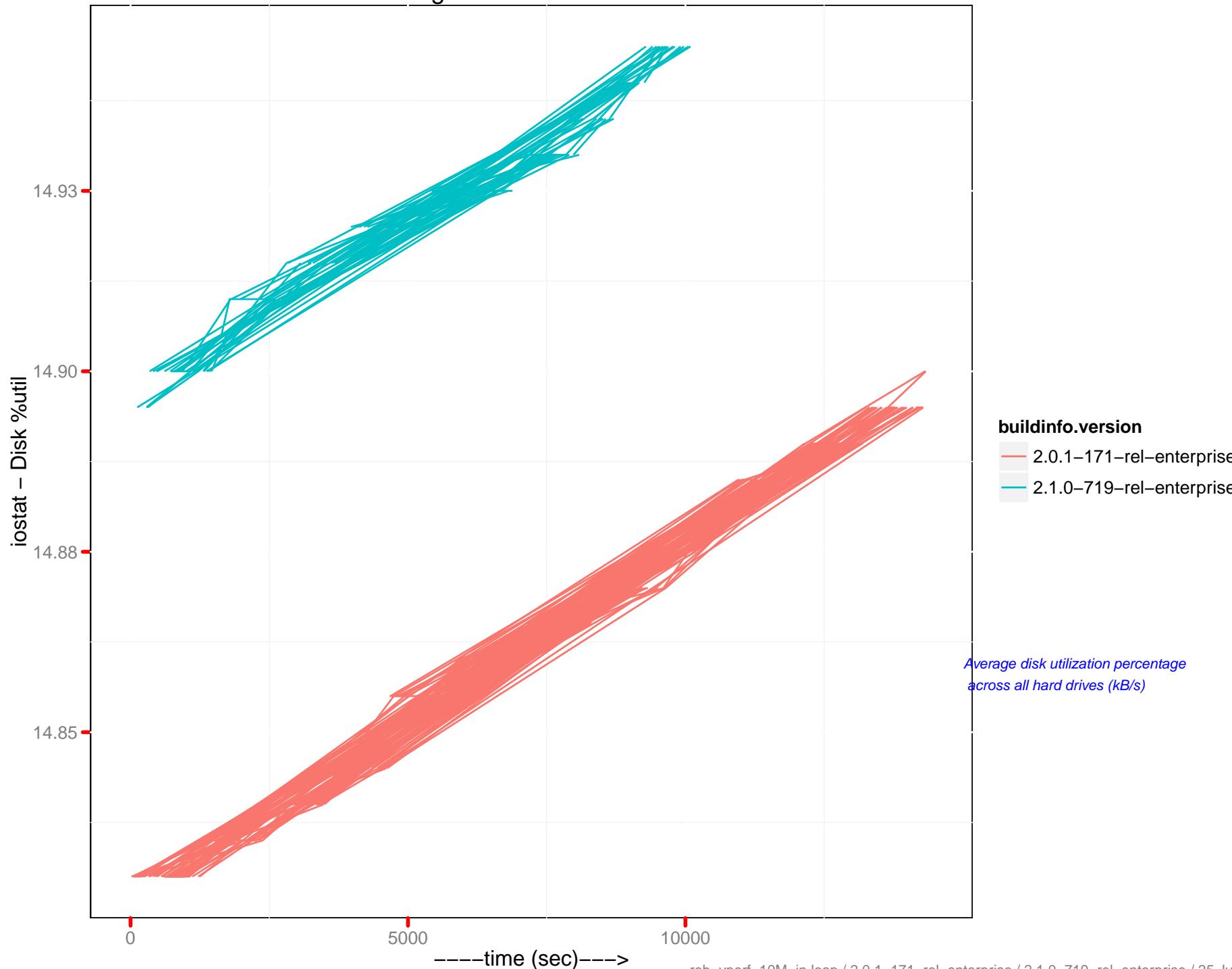
# Disk Read (kB/s) : 172.23.96.15



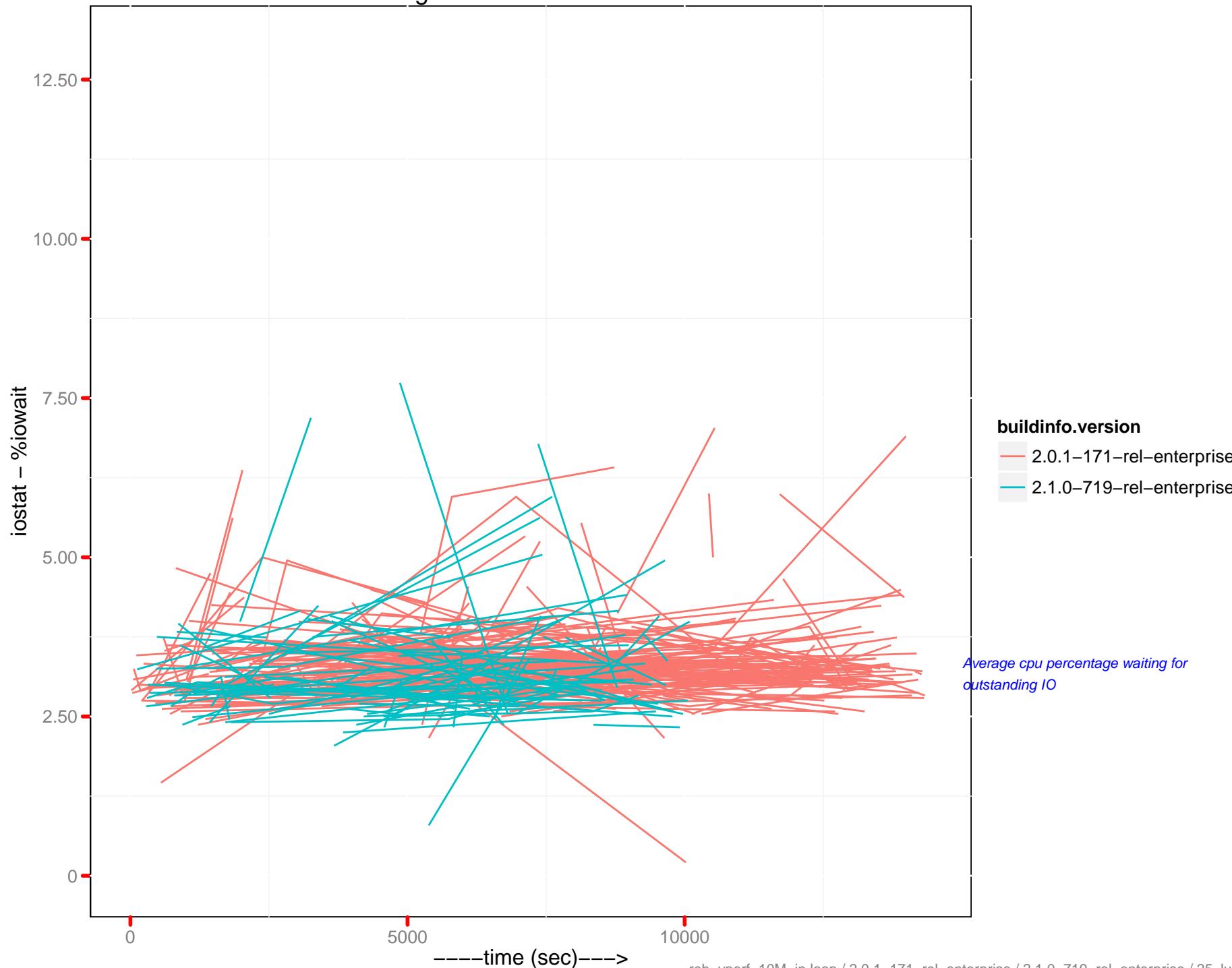
# Disk Write (kB/s) : 172.23.96.15



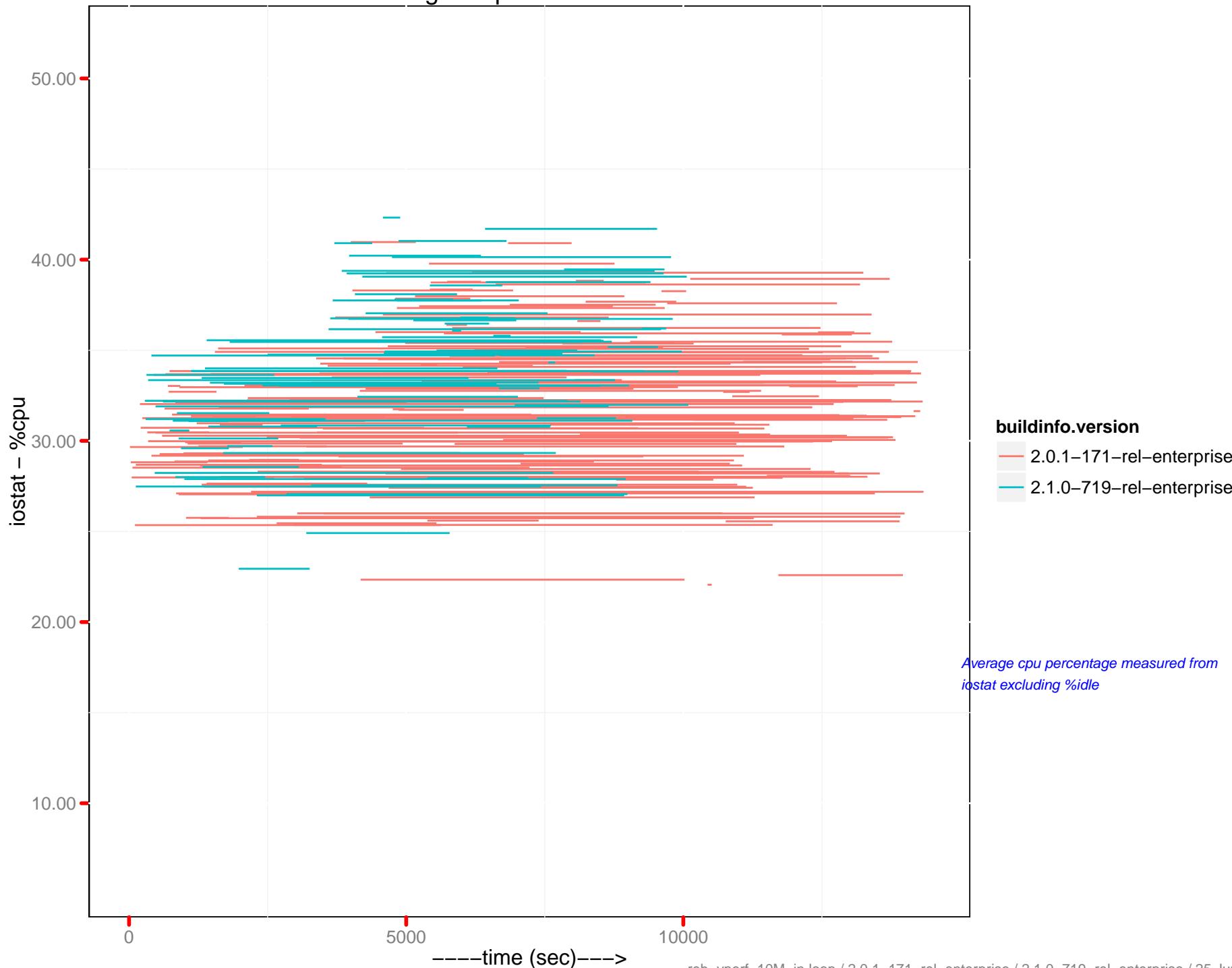
Average %util : 172.23.96.15



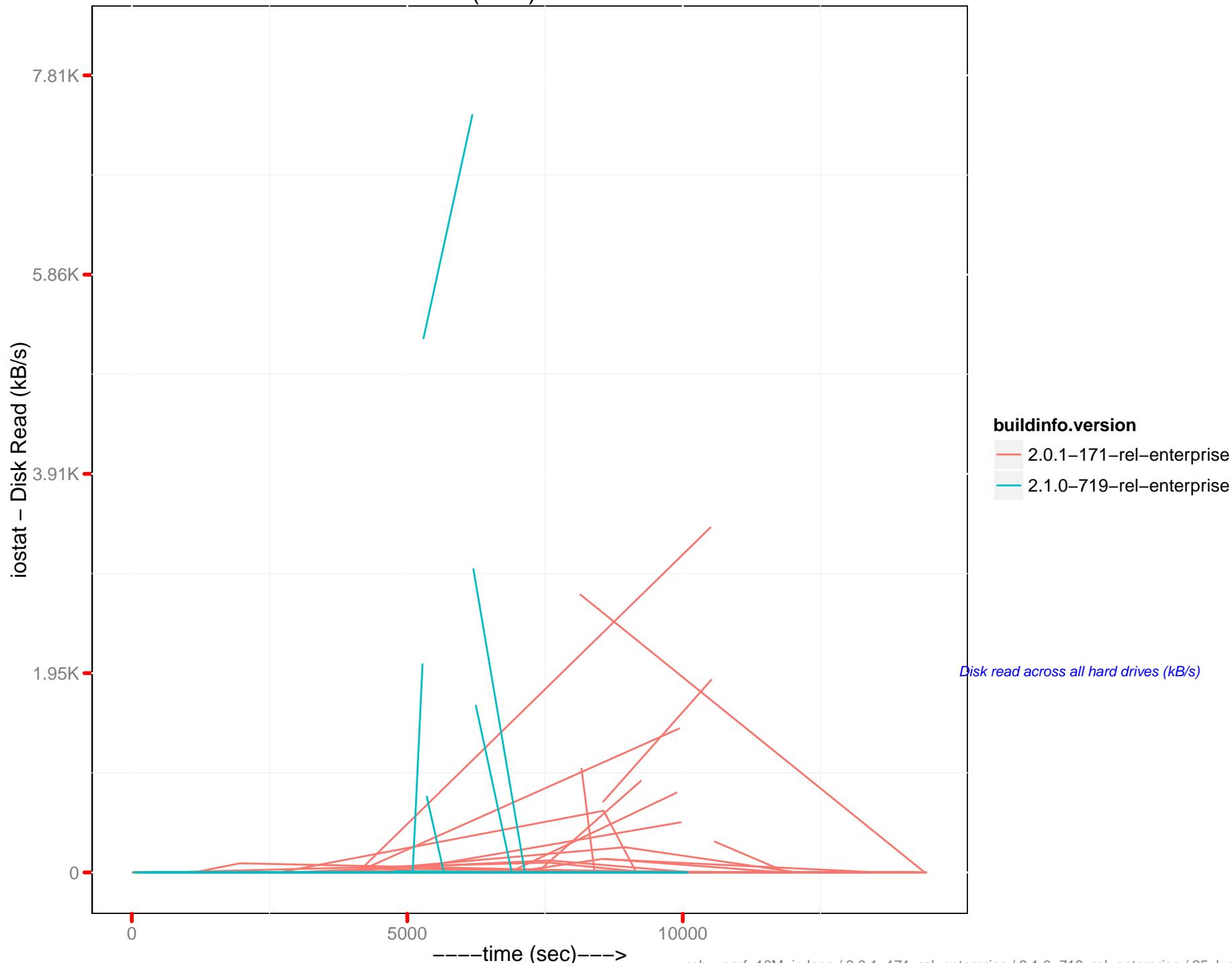
Average %iowait : 172.23.96.15



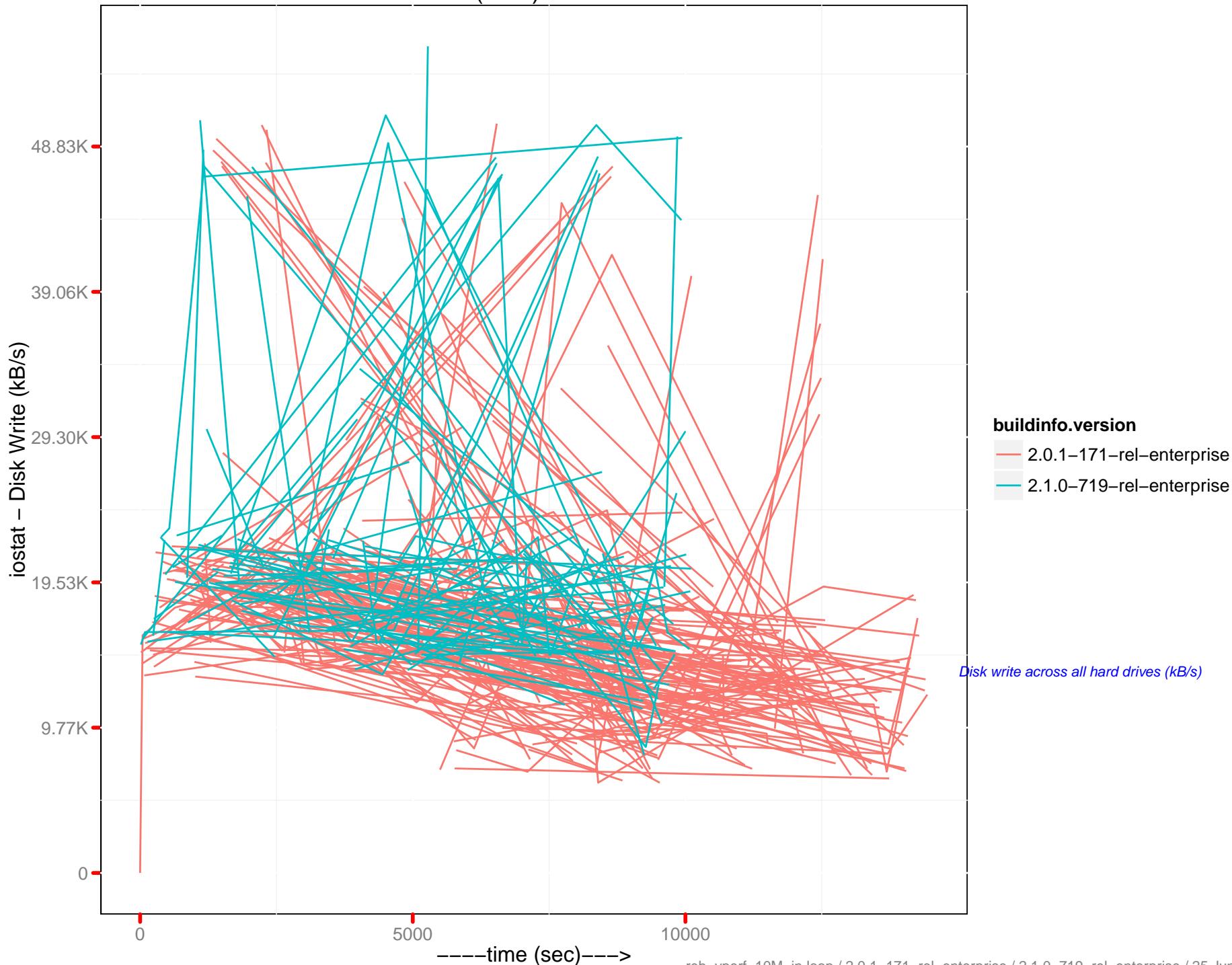
Average %cpu : 172.23.96.15



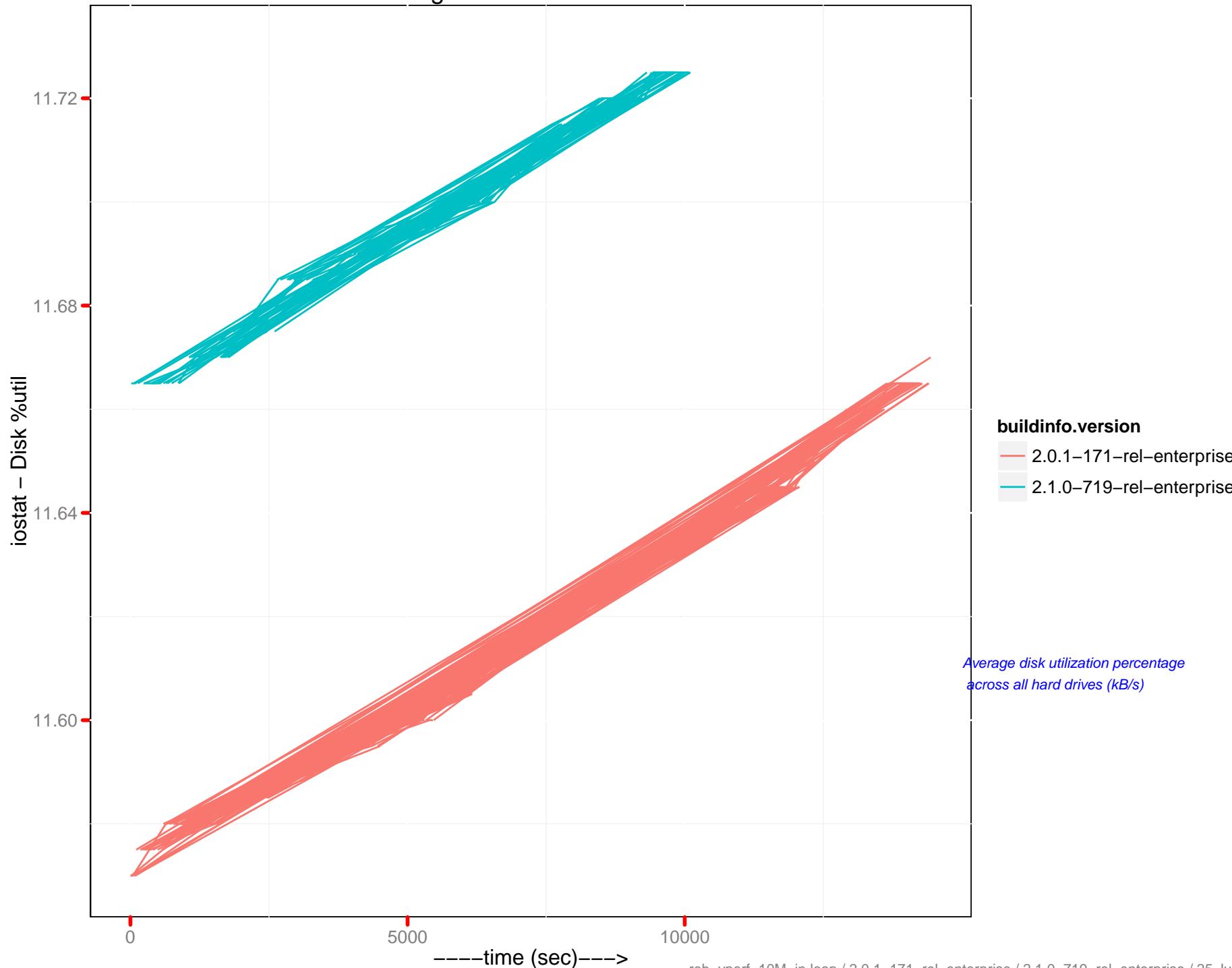
# Disk Read (kB/s) : 172.23.96.16



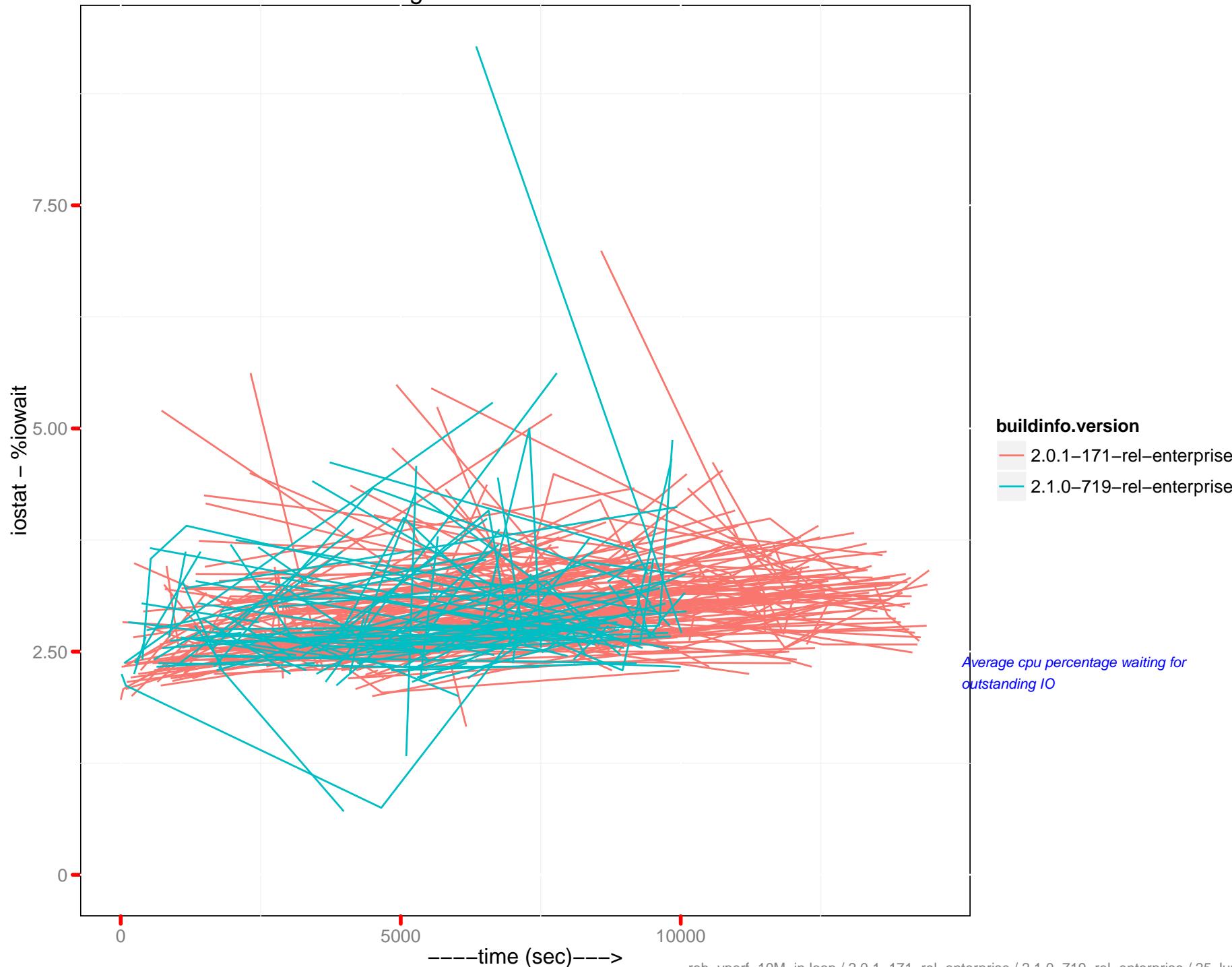
# Disk Write (kB/s) : 172.23.96.16



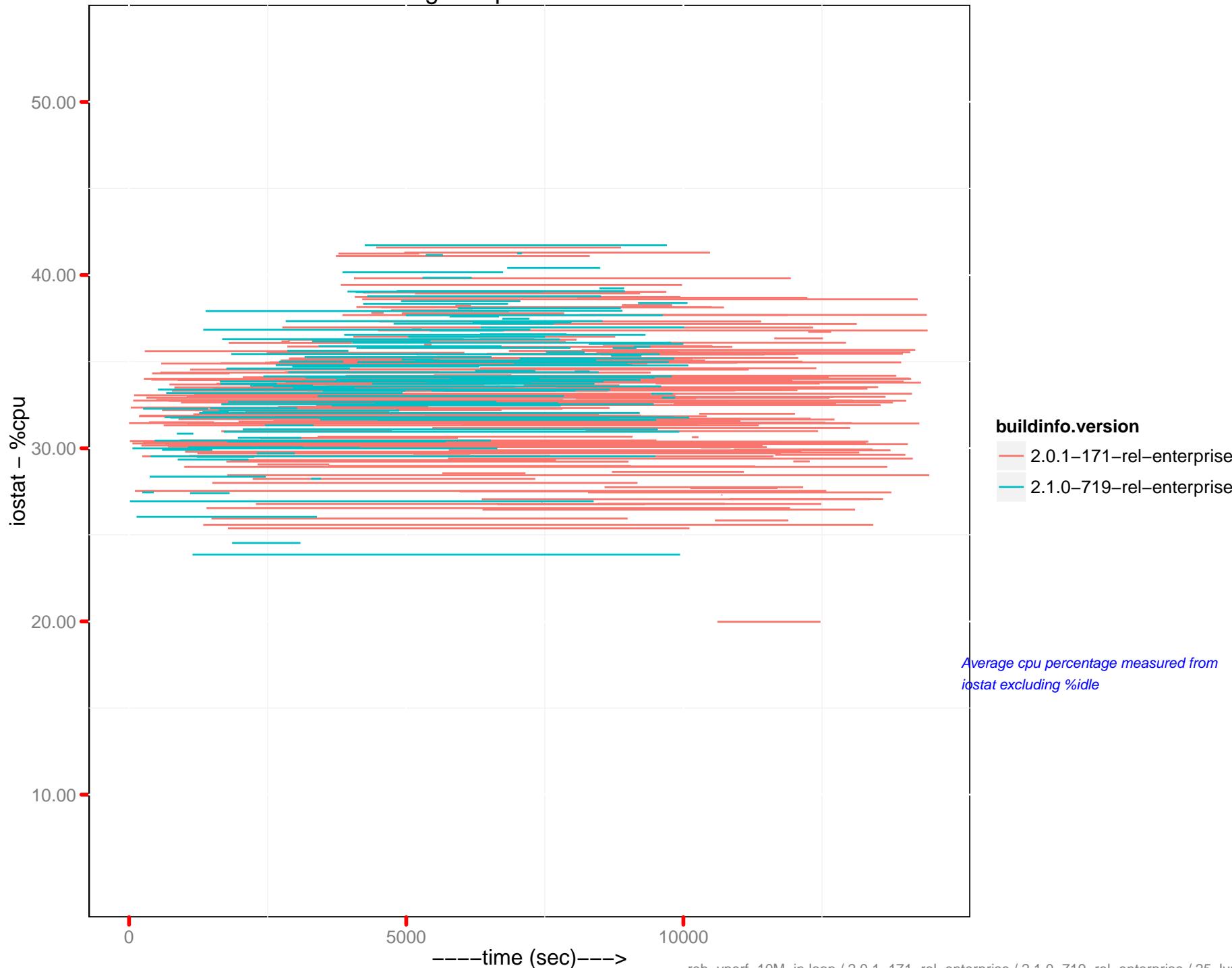
Average %util : 172.23.96.16



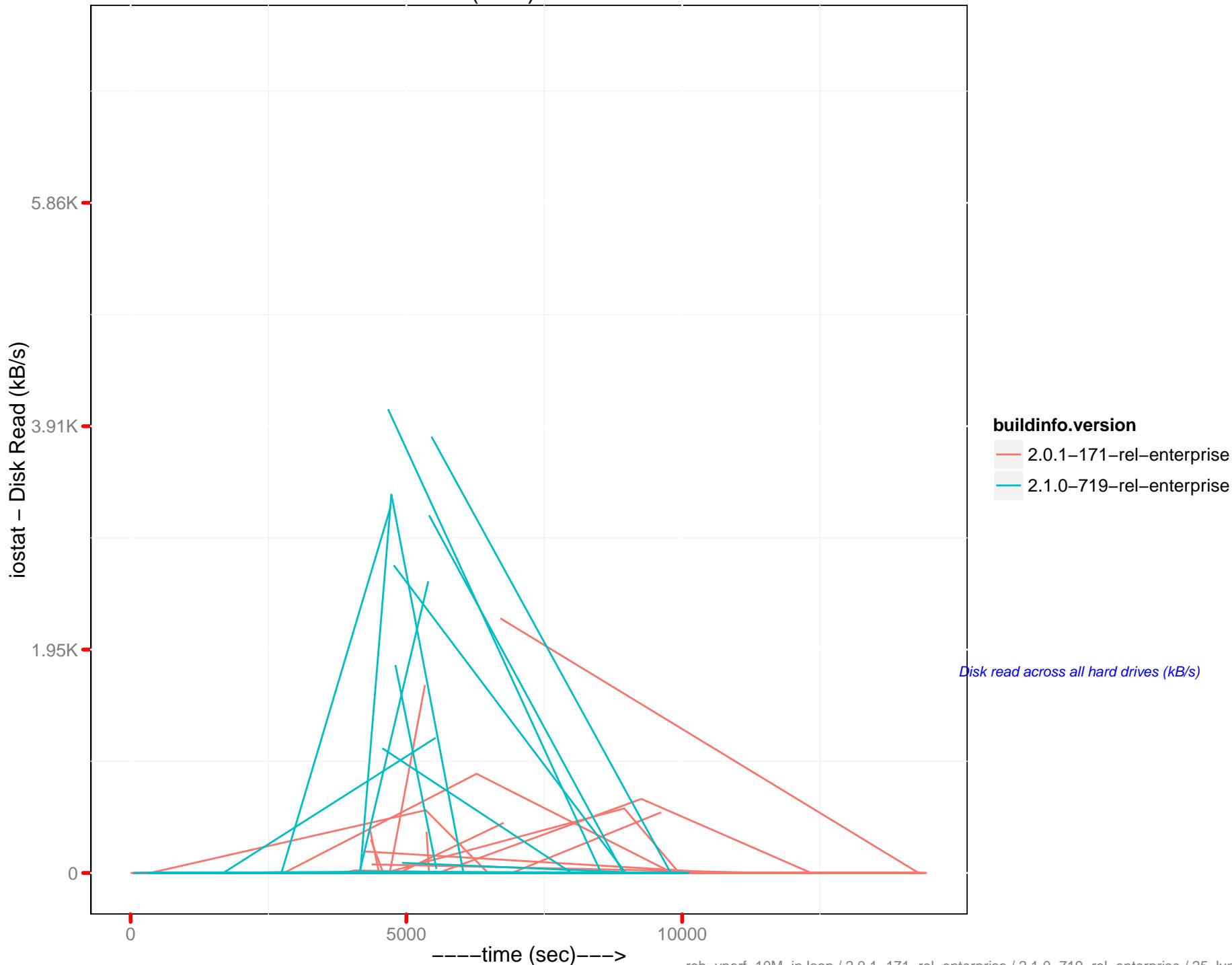
Average %iowait : 172.23.96.16



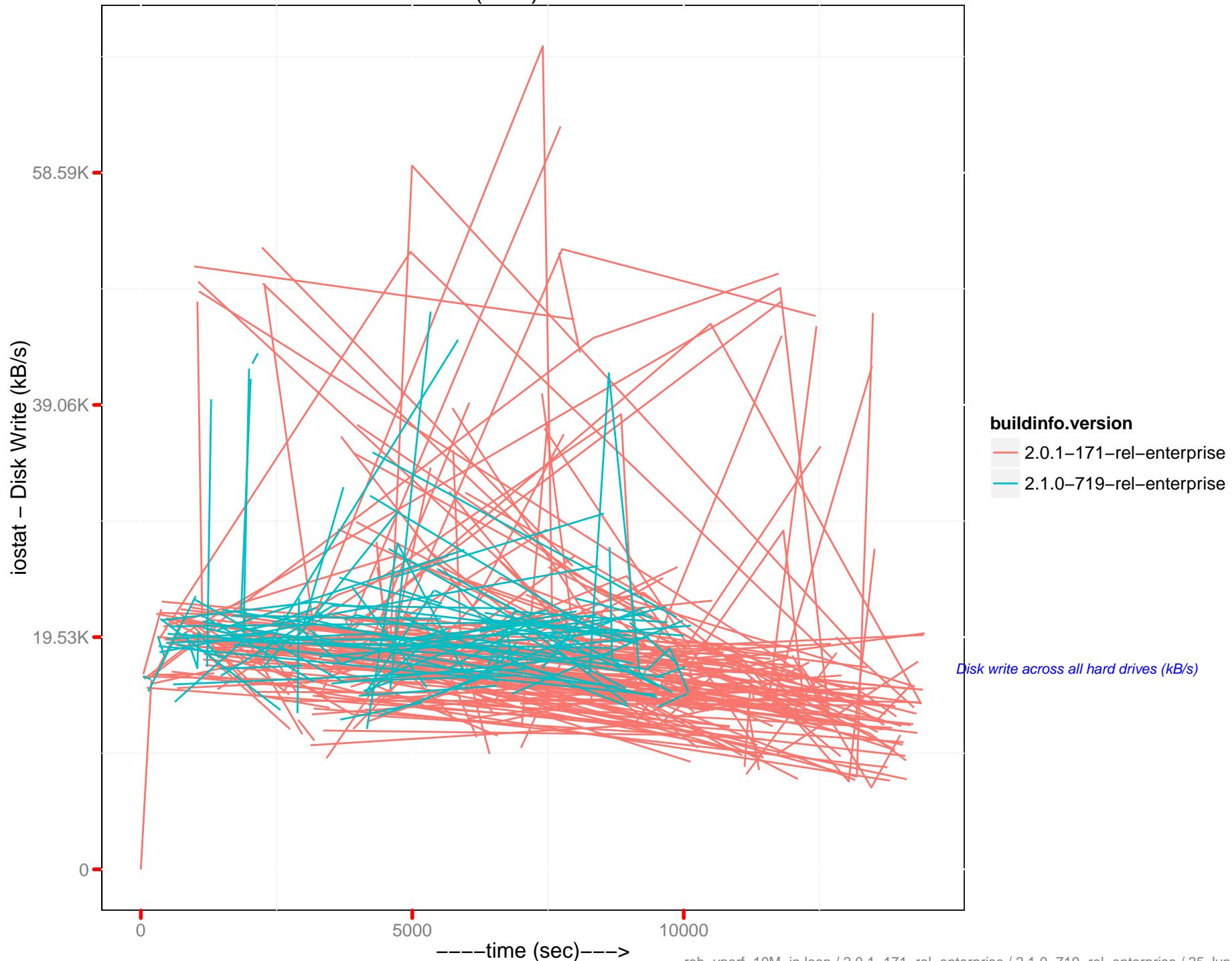
Average %cpu : 172.23.96.16



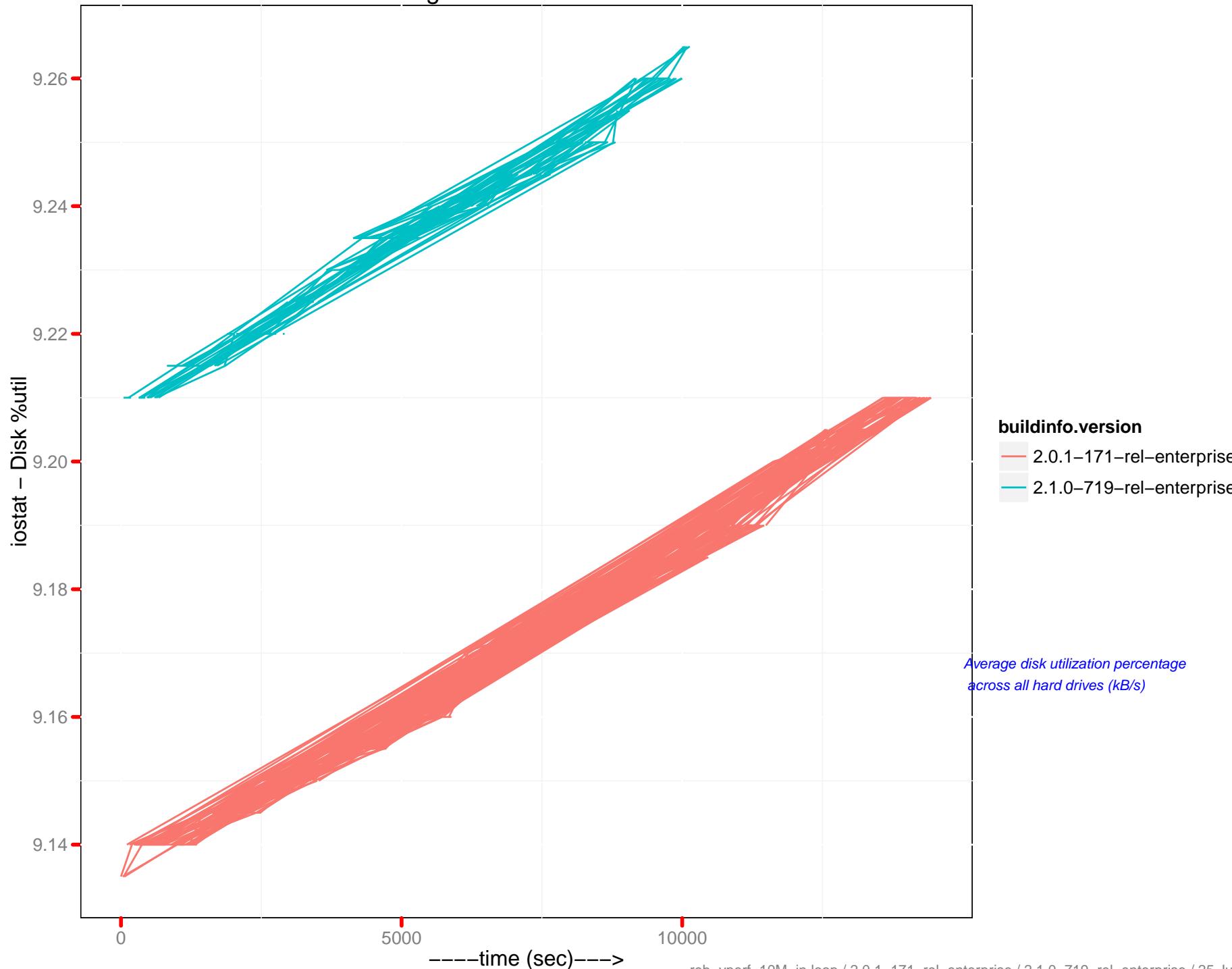
# Disk Read (kB/s) : 172.23.96.17



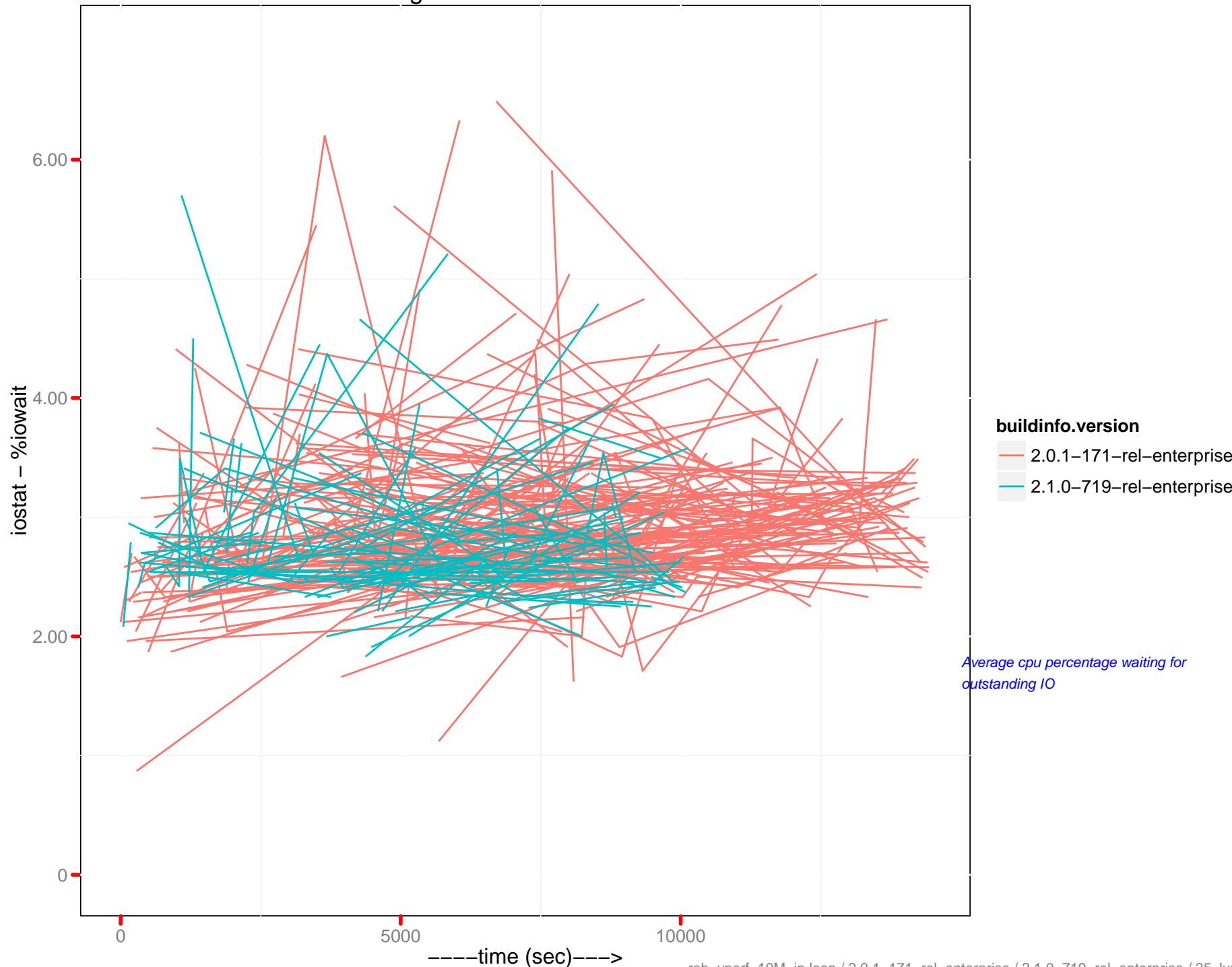
# Disk Write (kB/s) : 172.23.96.17



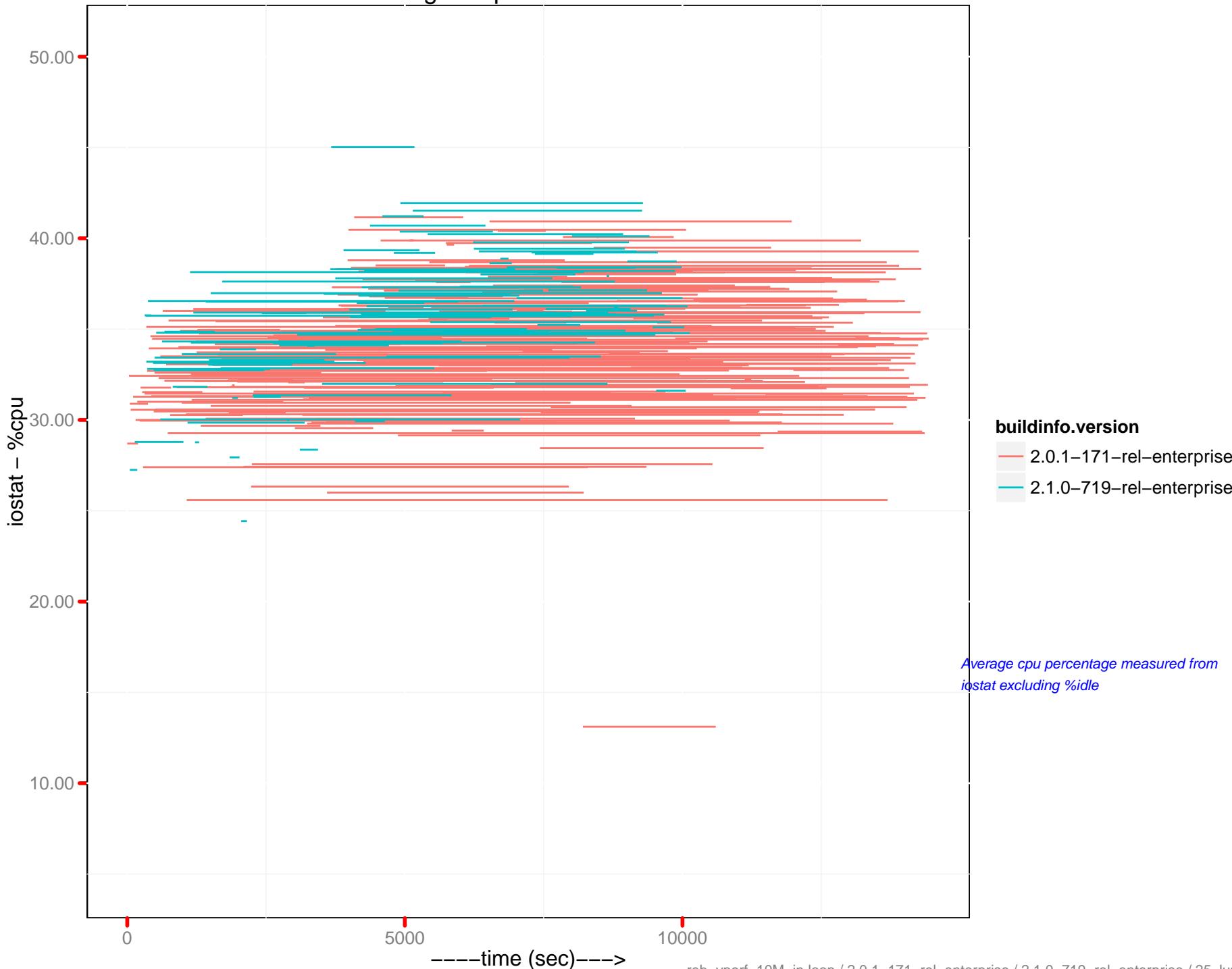
Average %util : 172.23.96.17



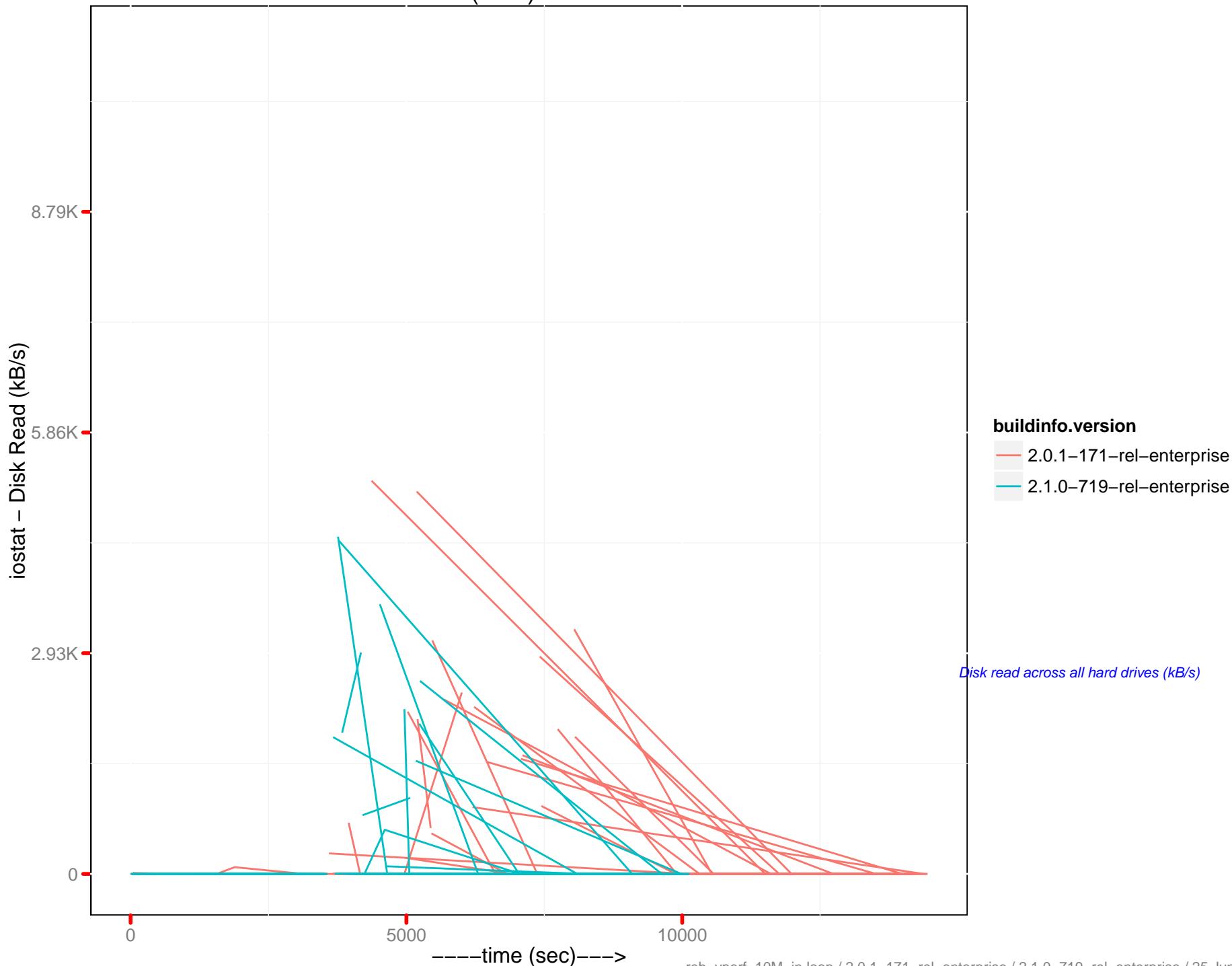
Average %iowait : 172.23.96.17



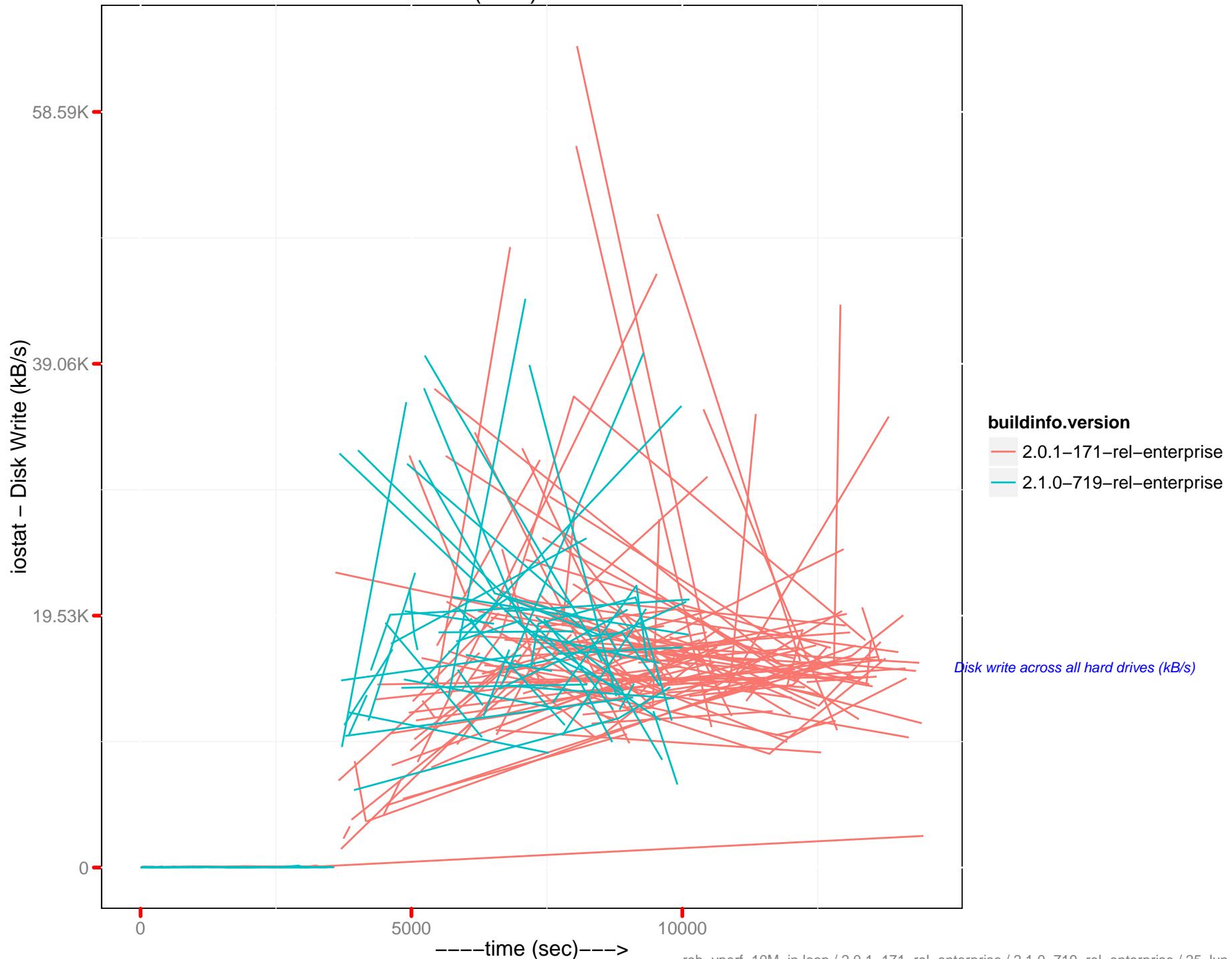
Average %cpu : 172.23.96.17



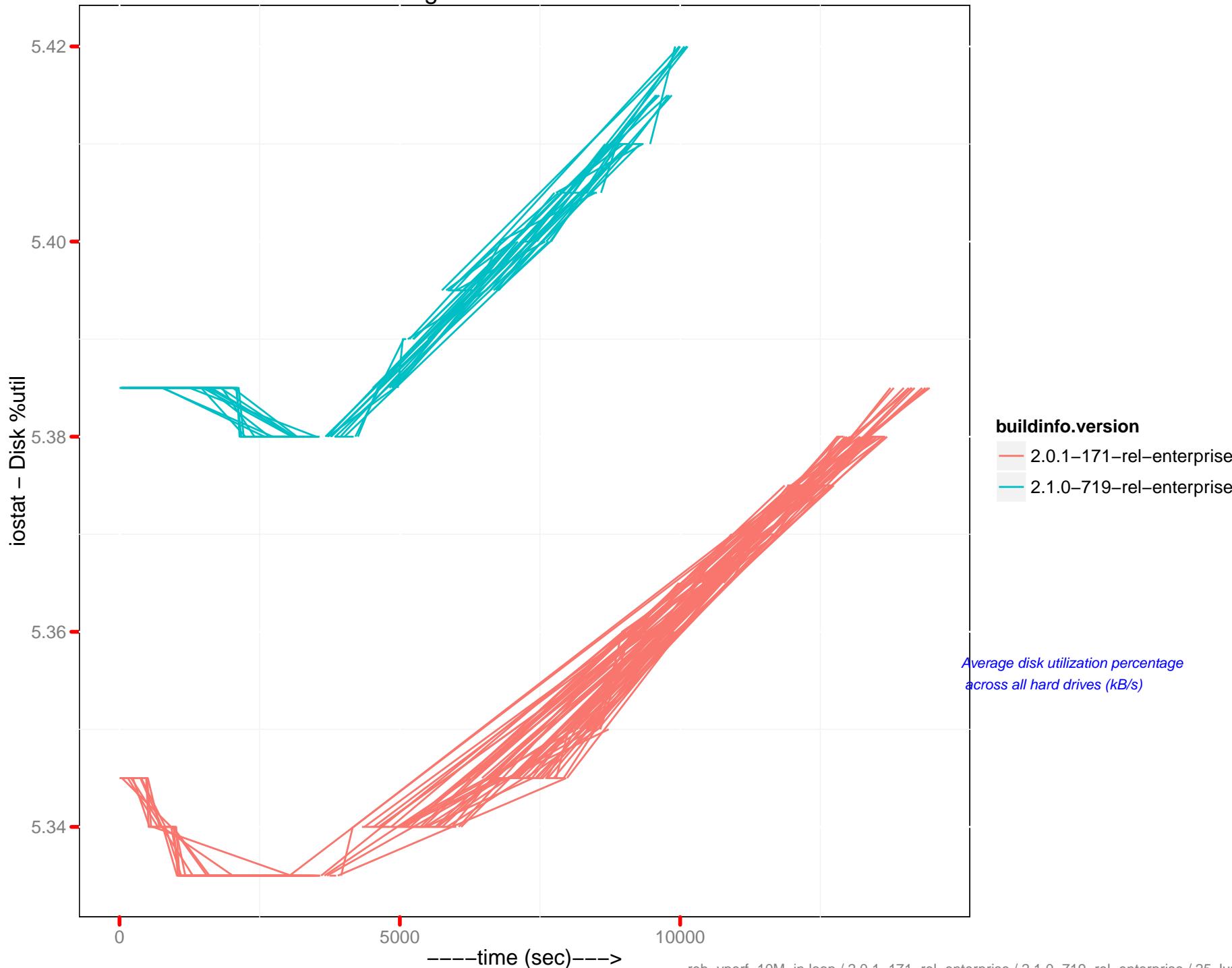
# Disk Read (kB/s) : 172.23.96.18



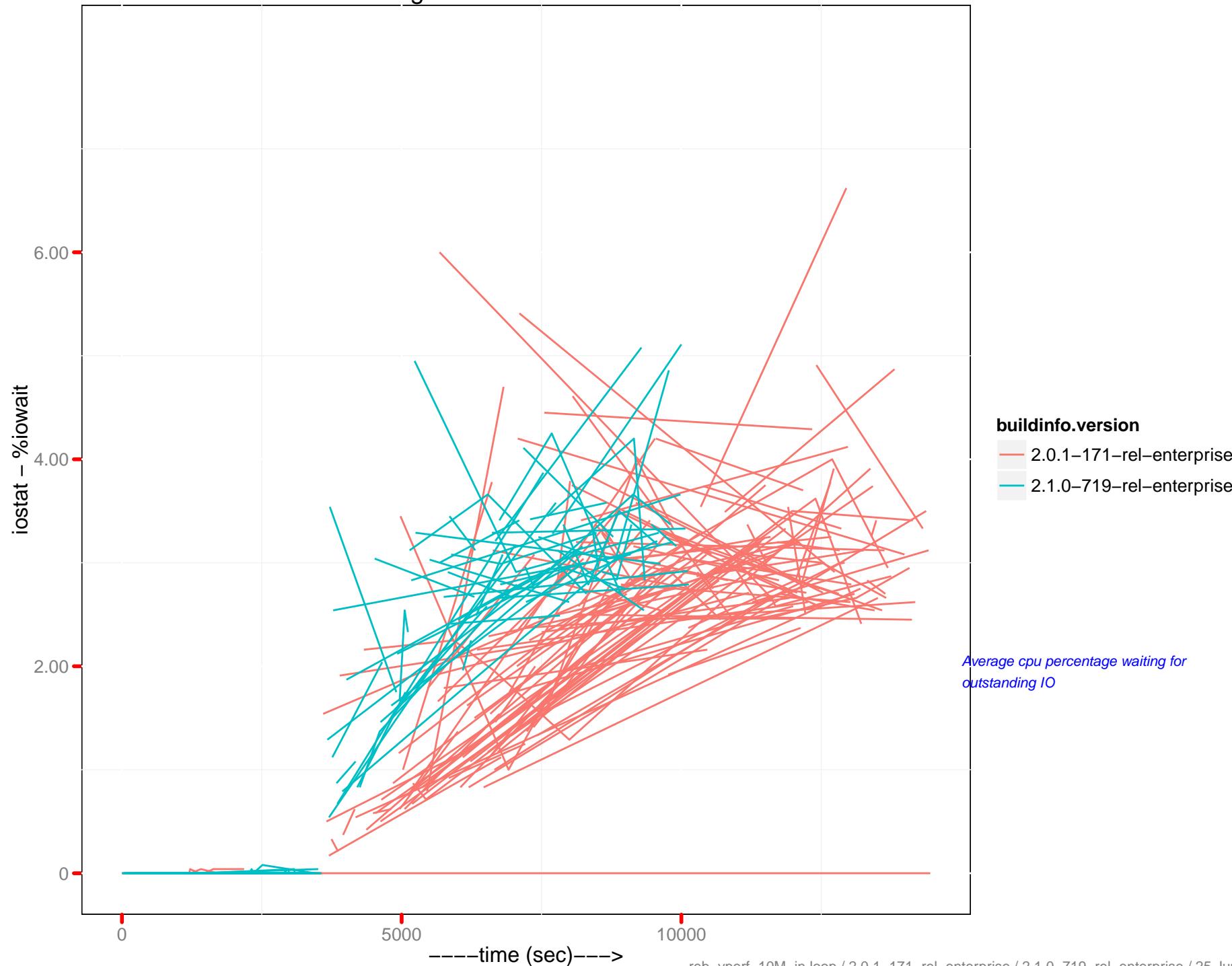
# Disk Write (kB/s) : 172.23.96.18



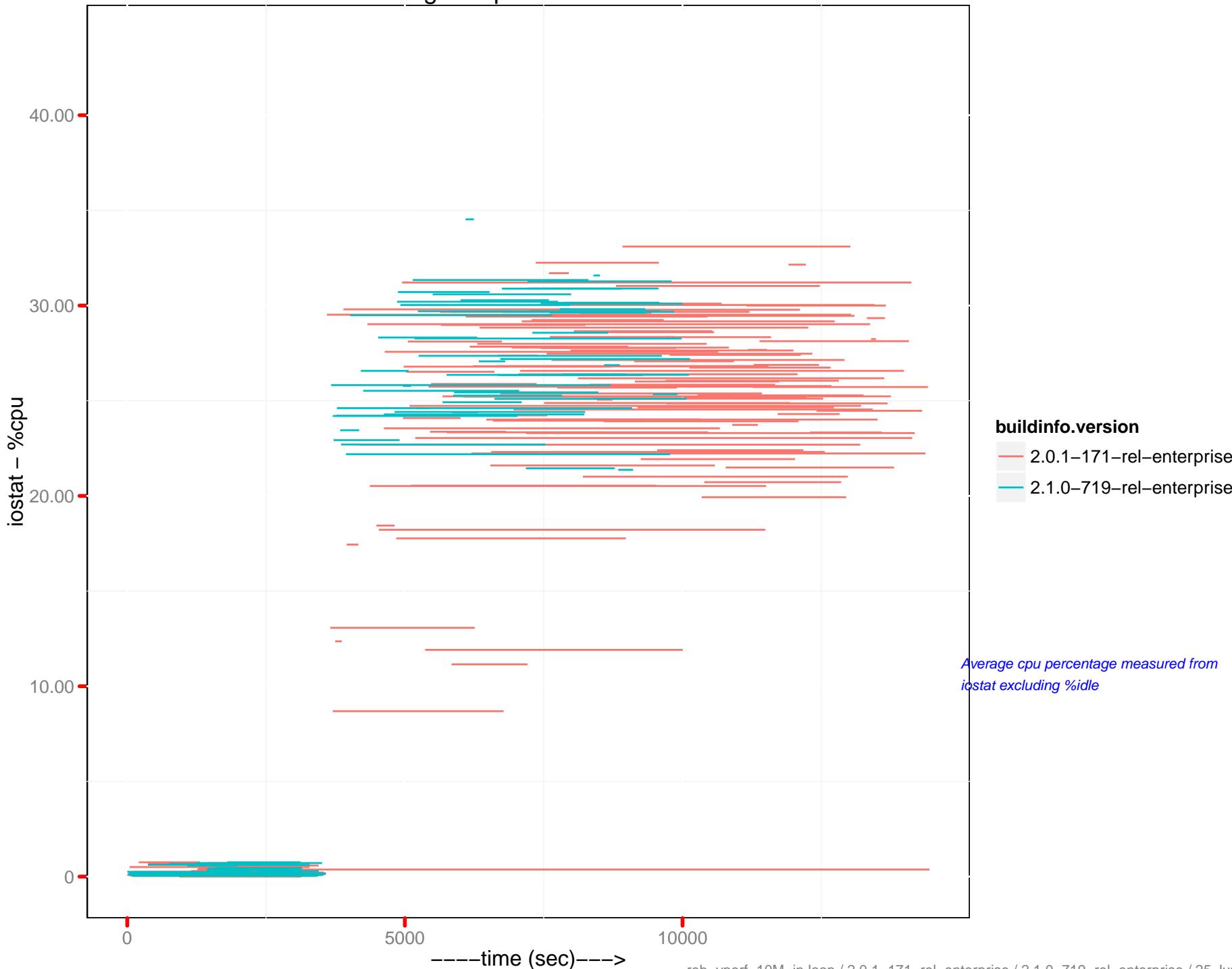
Average %util : 172.23.96.18



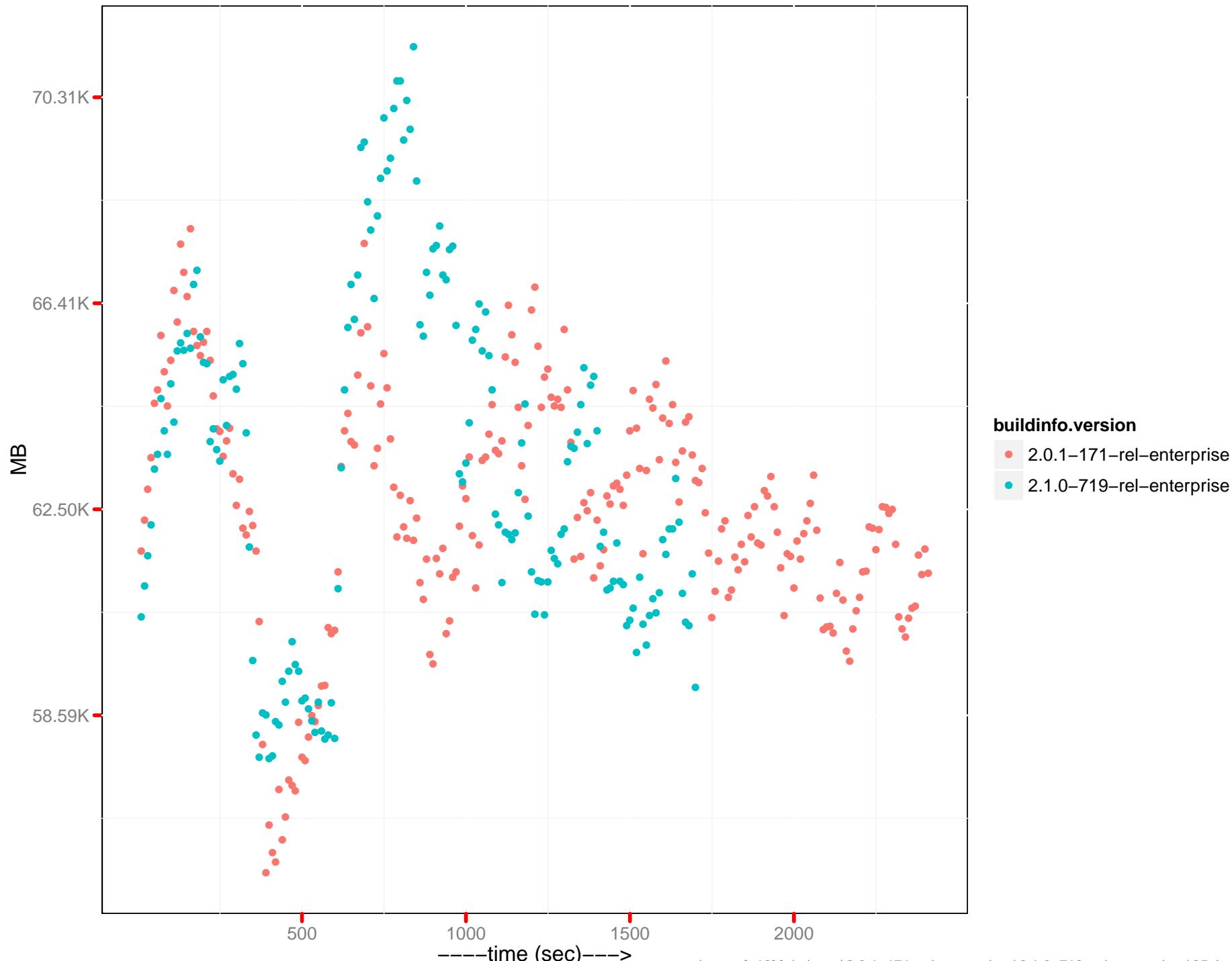
Average %iowait : 172.23.96.18



Average %cpu : 172.23.96.18



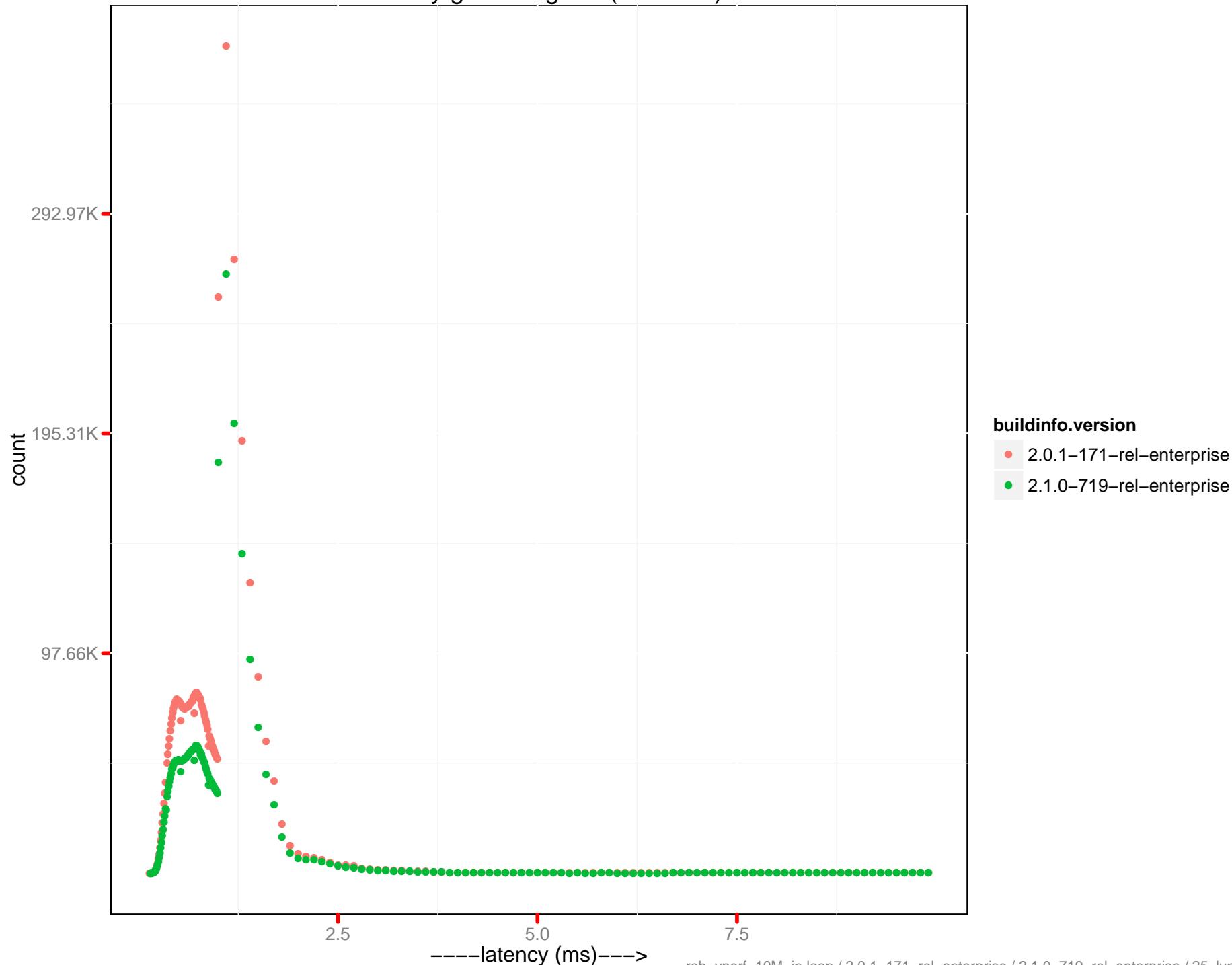
## Data disk size



## Latency get histogram



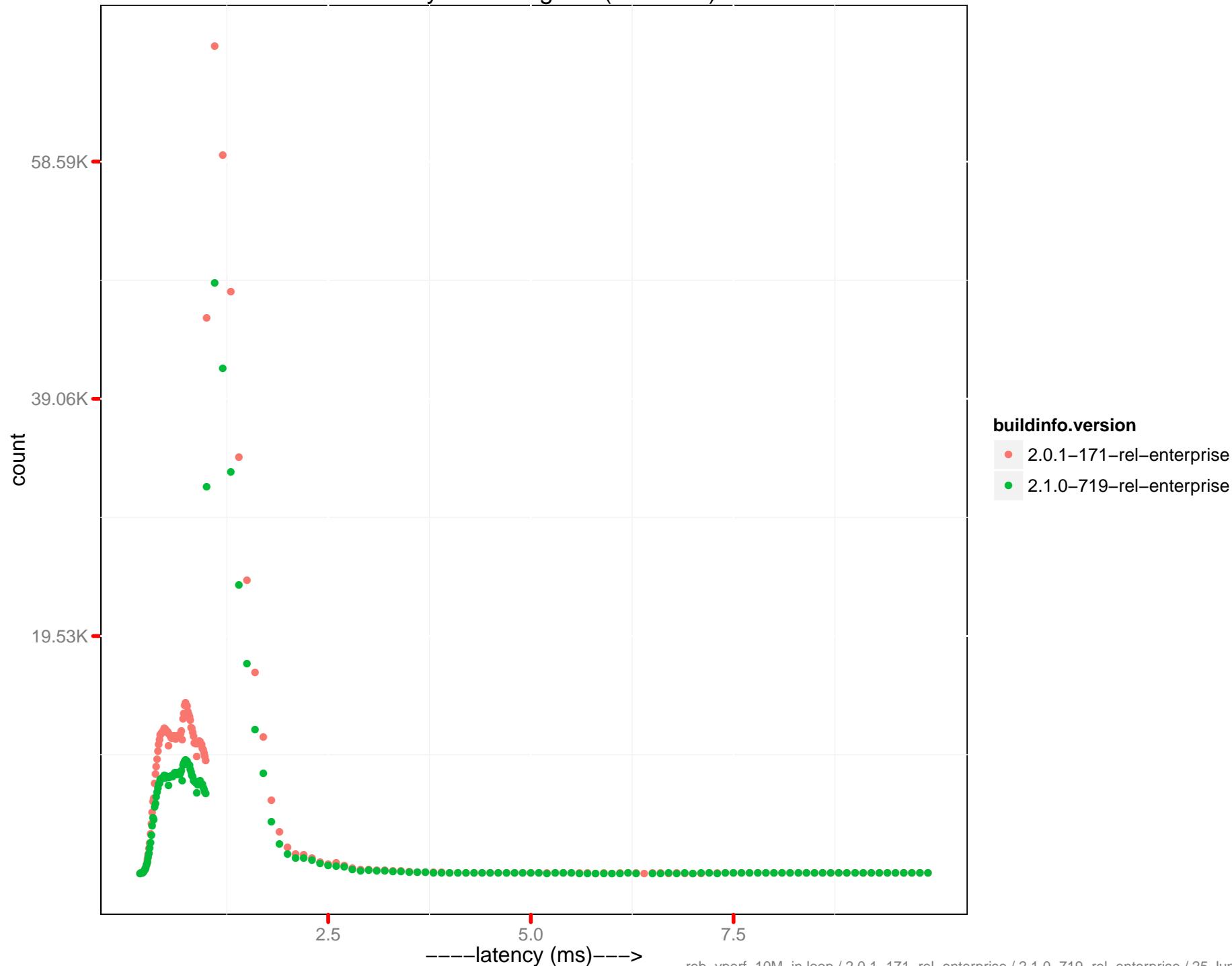
### Latency get histogram (0–10 ms)



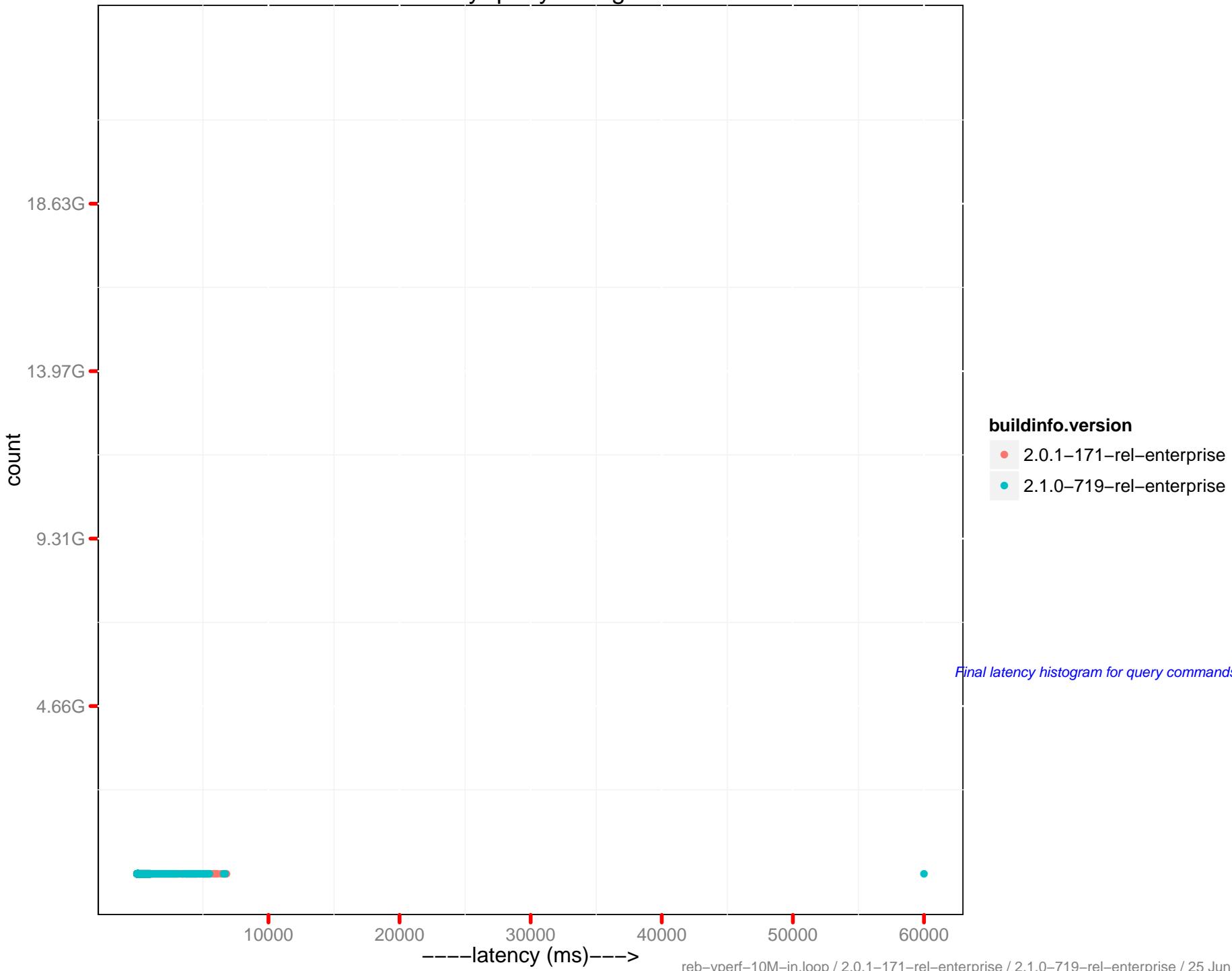
## Latency set histogram



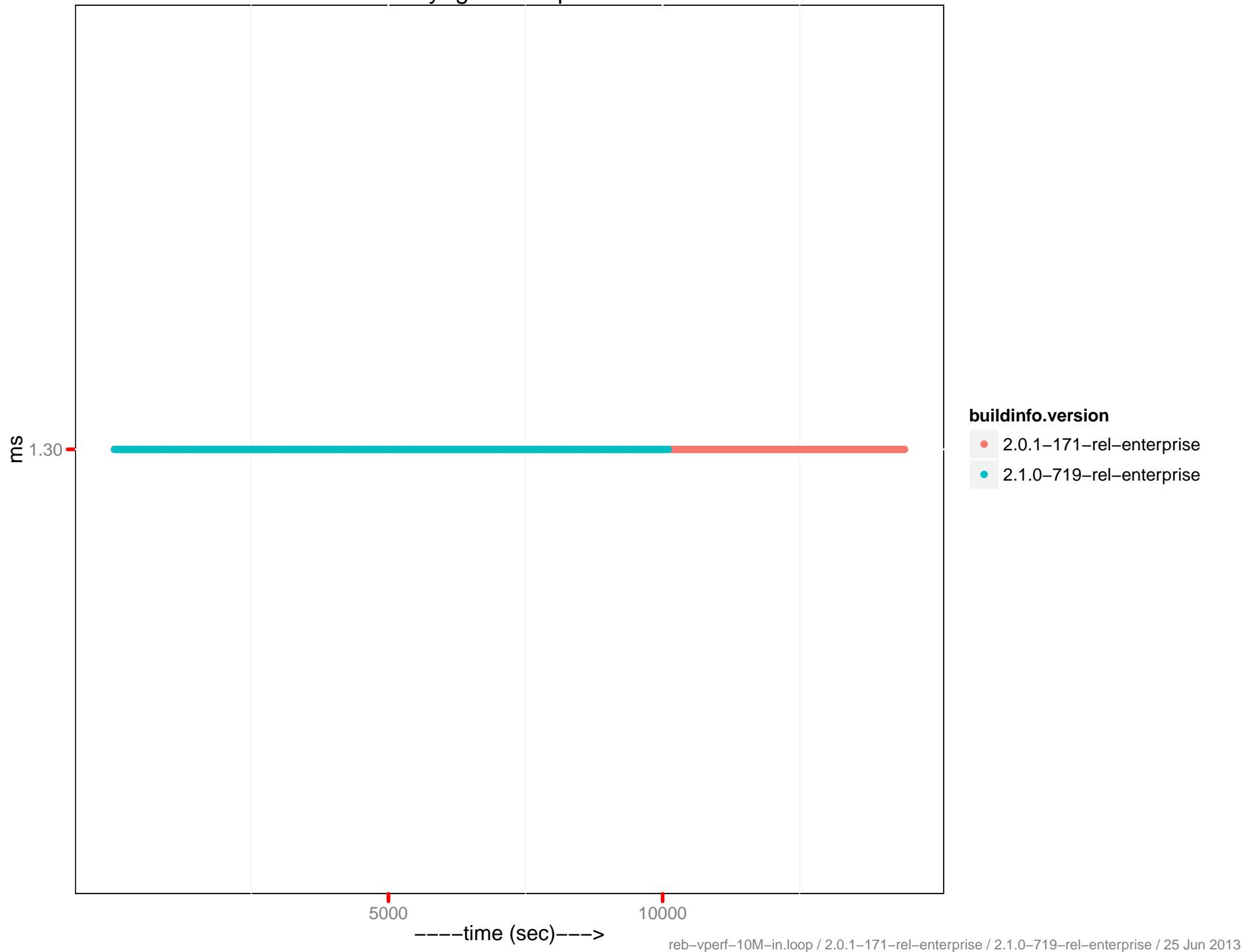
### Latency set histogram (0–10 ms)



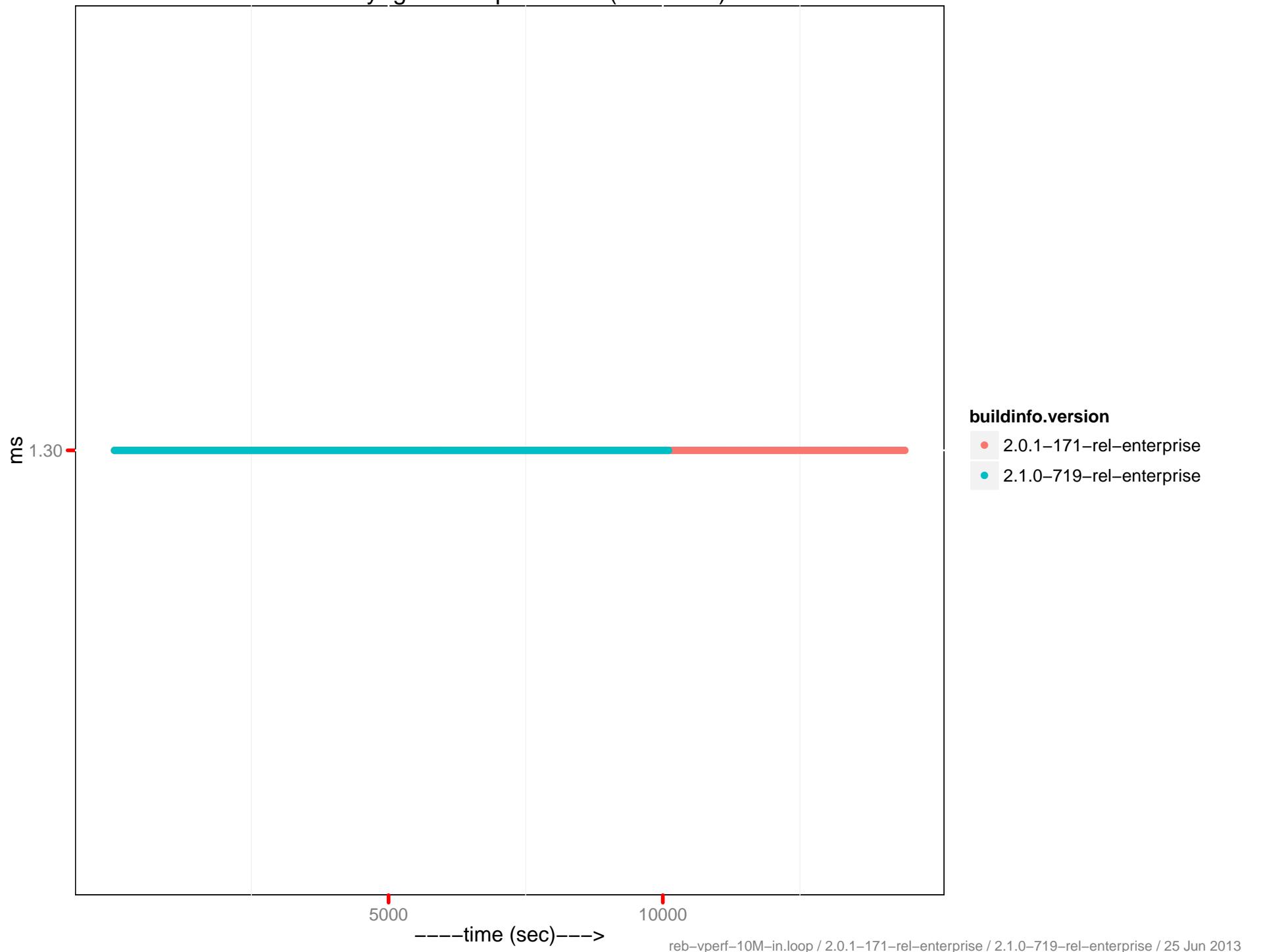
## Latency query histogram



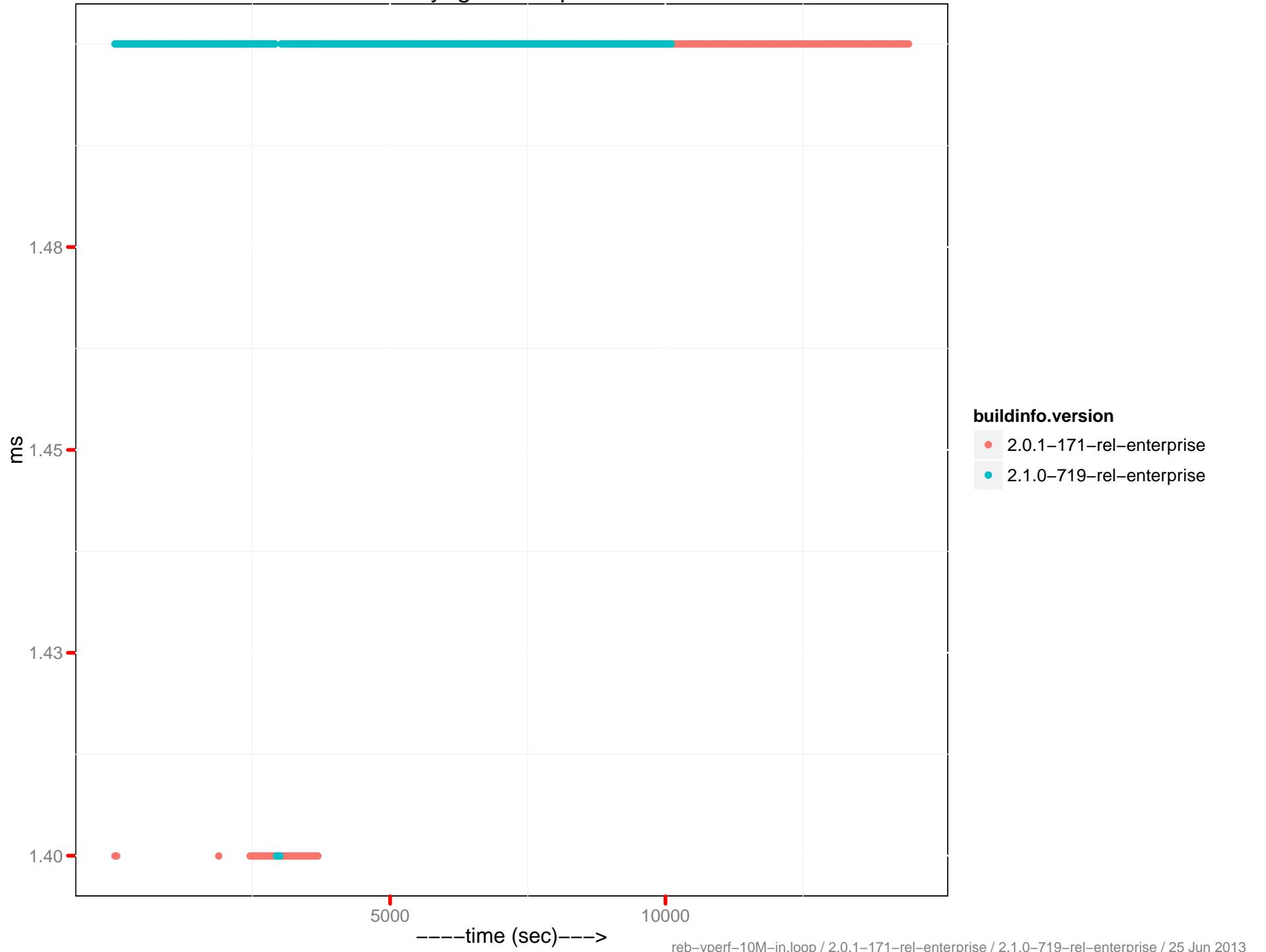
## Latency-get 90th percentile



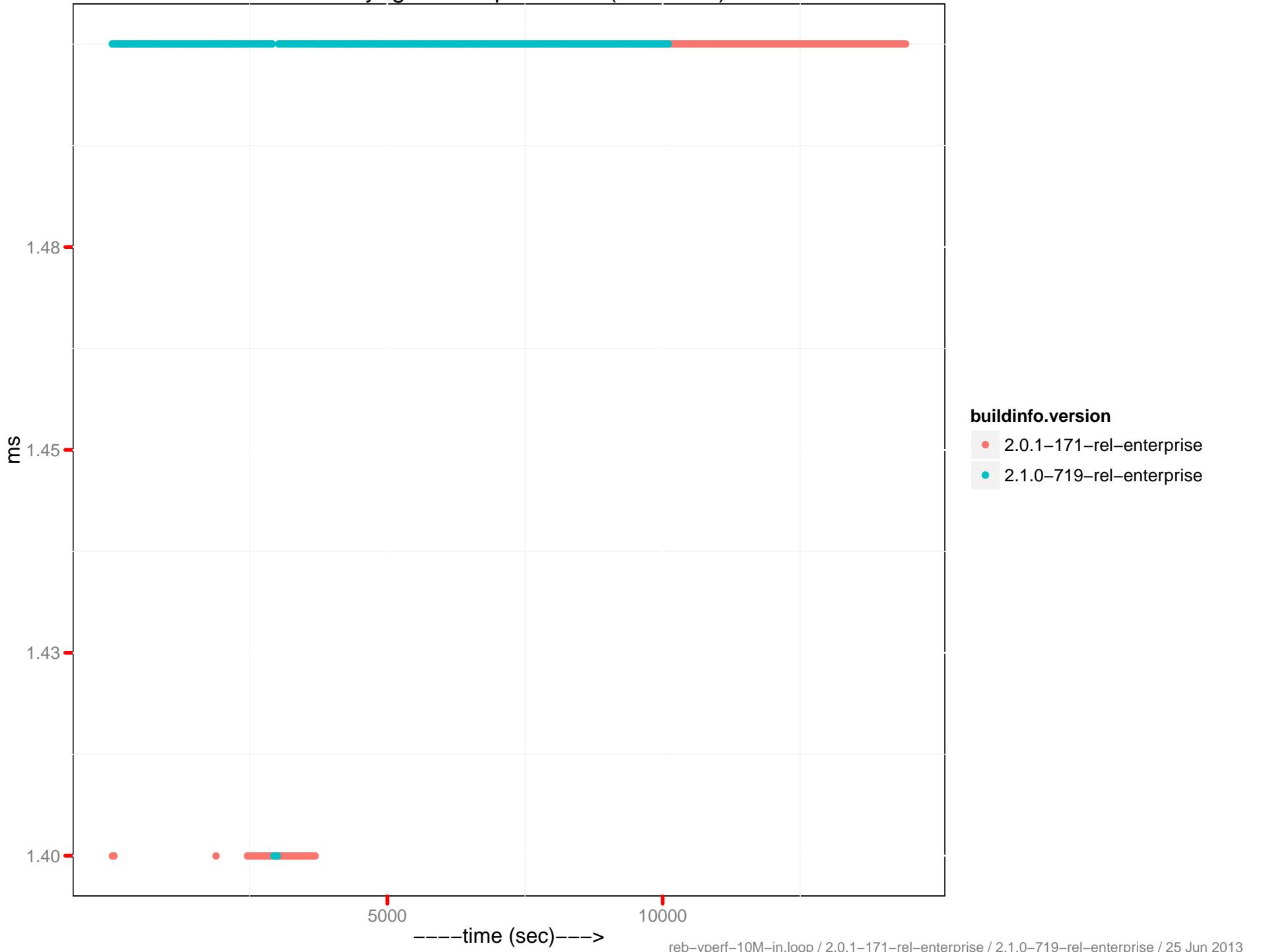
## Latency-get 90th percentile (0 – 10ms)



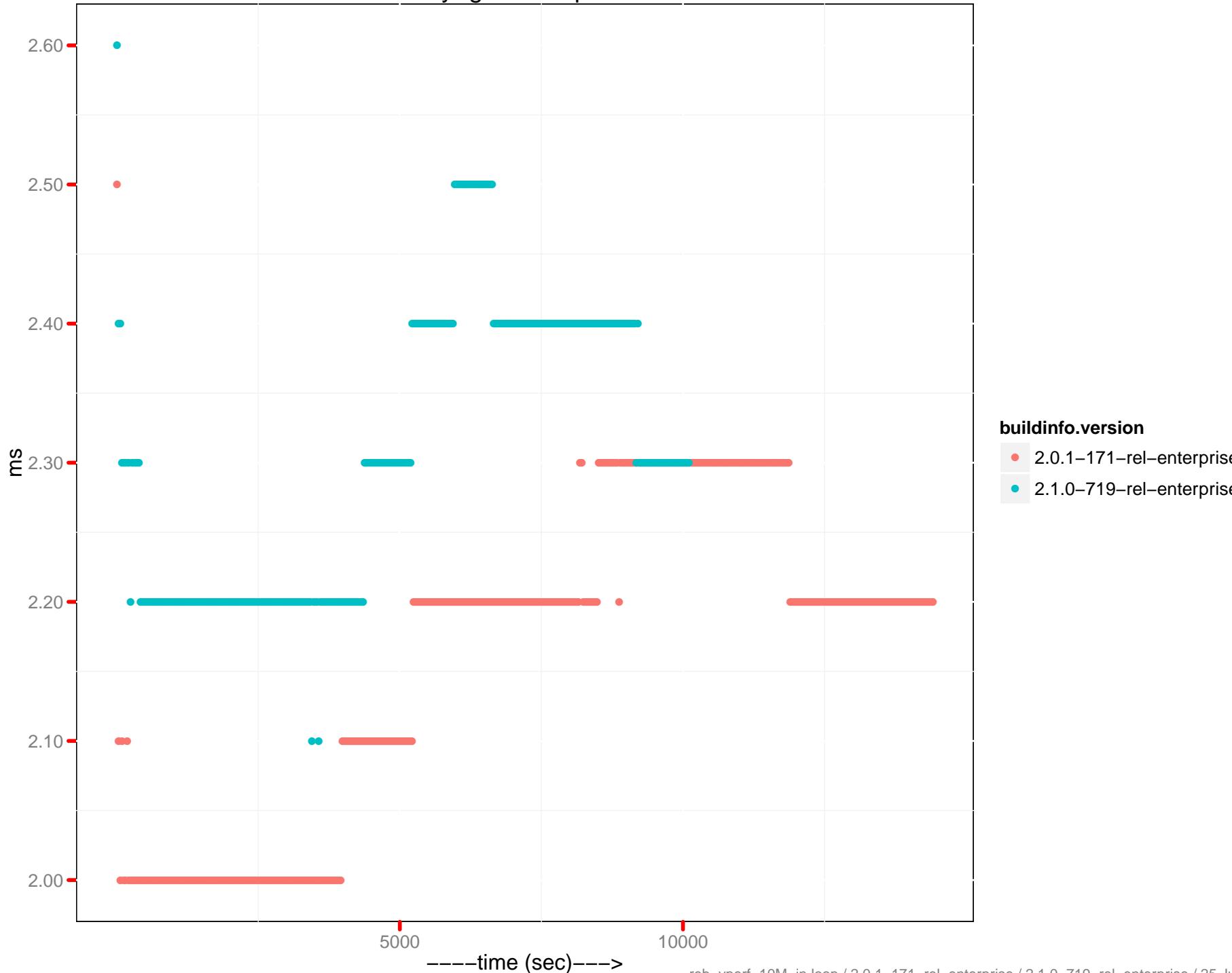
### Latency—get 95th percentile



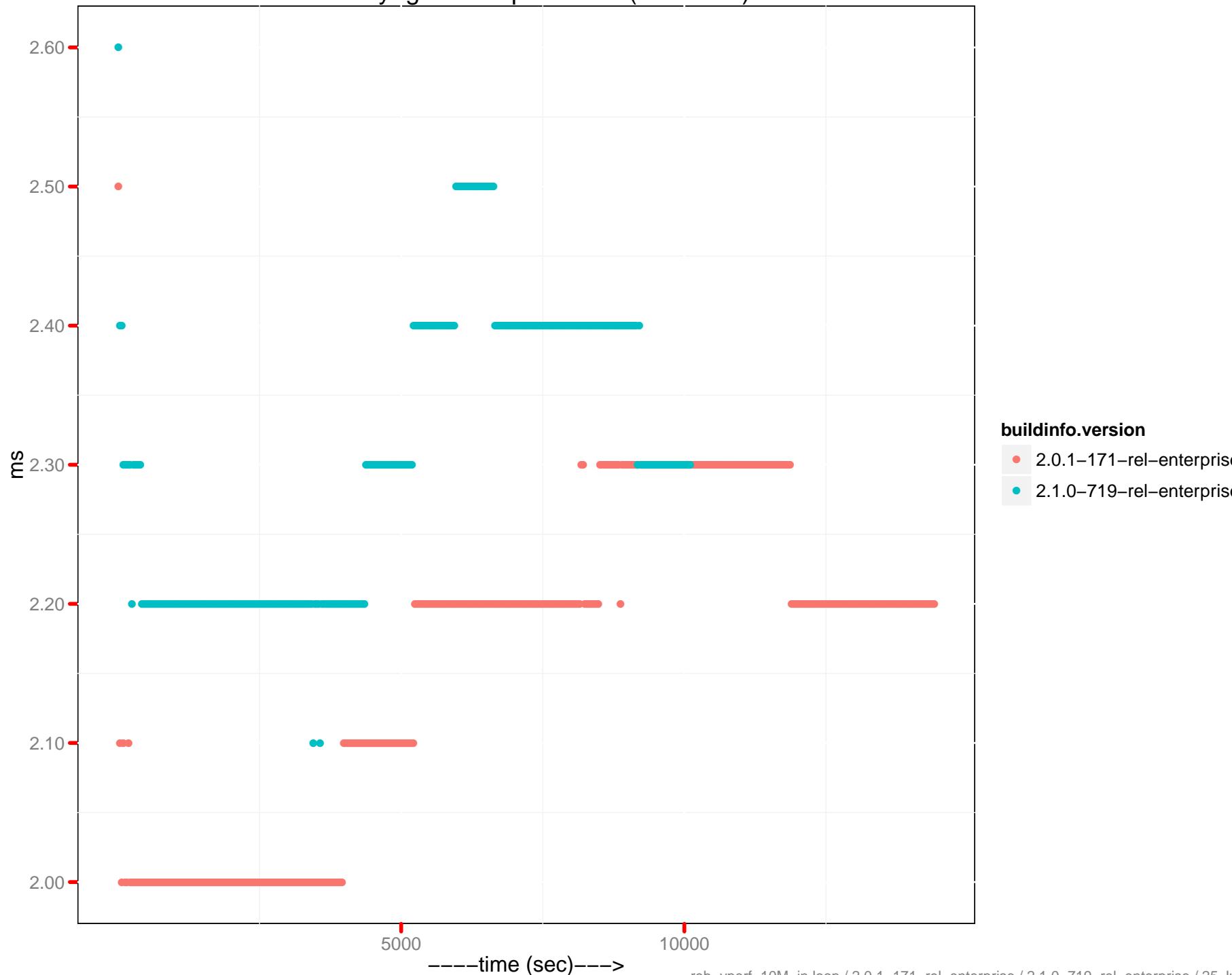
### Latency-get 95th percentile (0 – 10ms)



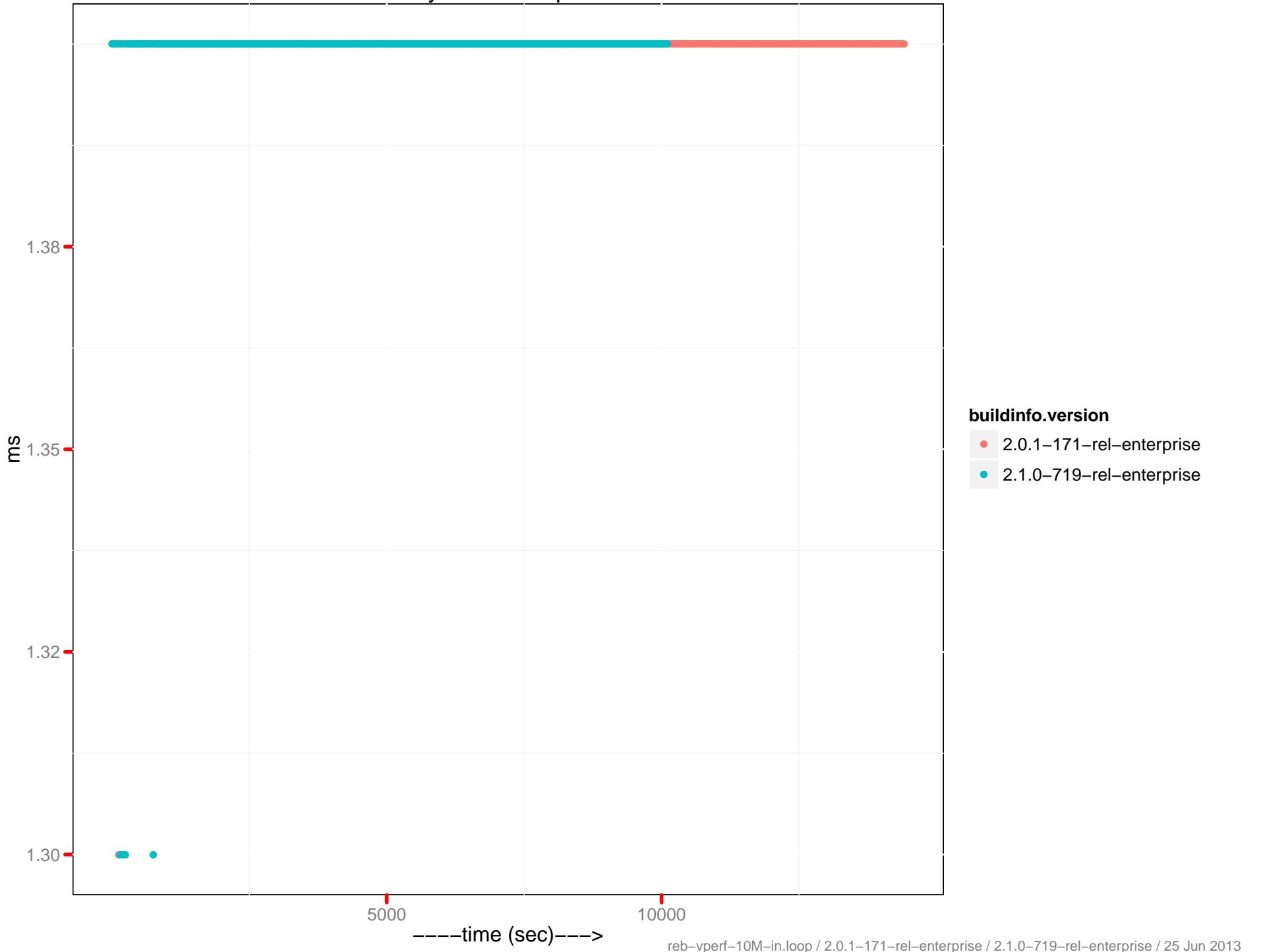
### Latency—get 99th percentile



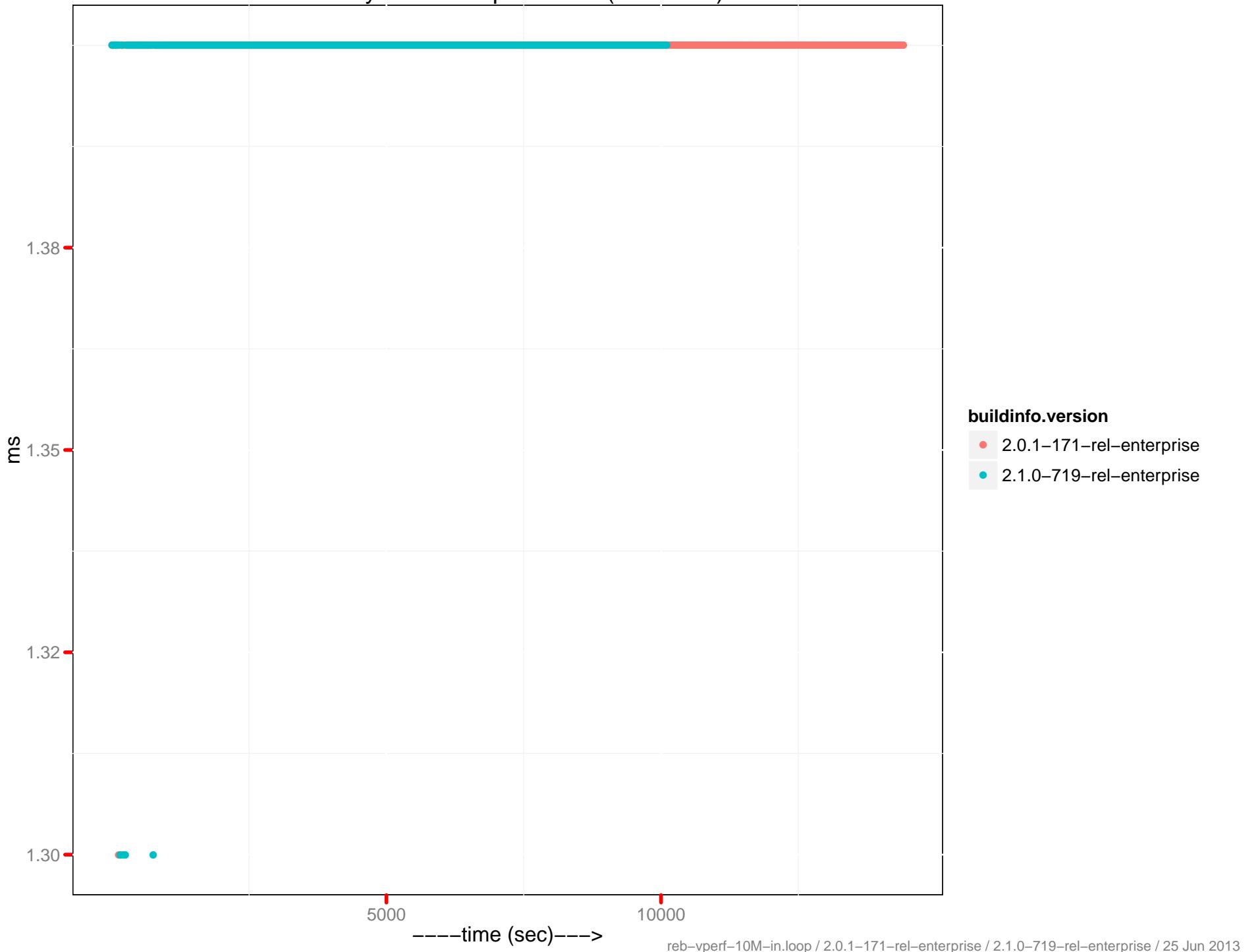
### Latency-get 99th percentile (0 – 10ms)



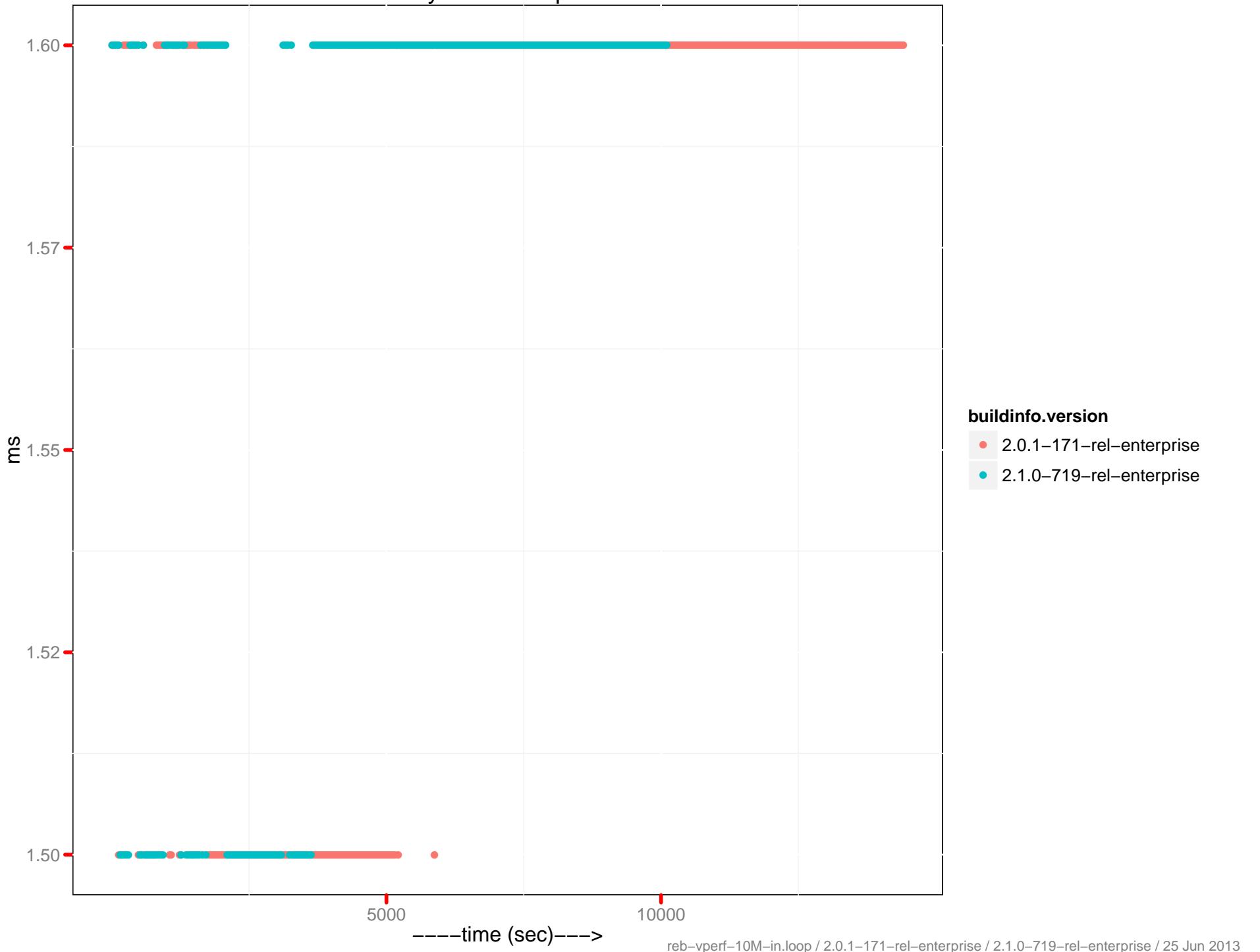
### Latency-set 90th percentile



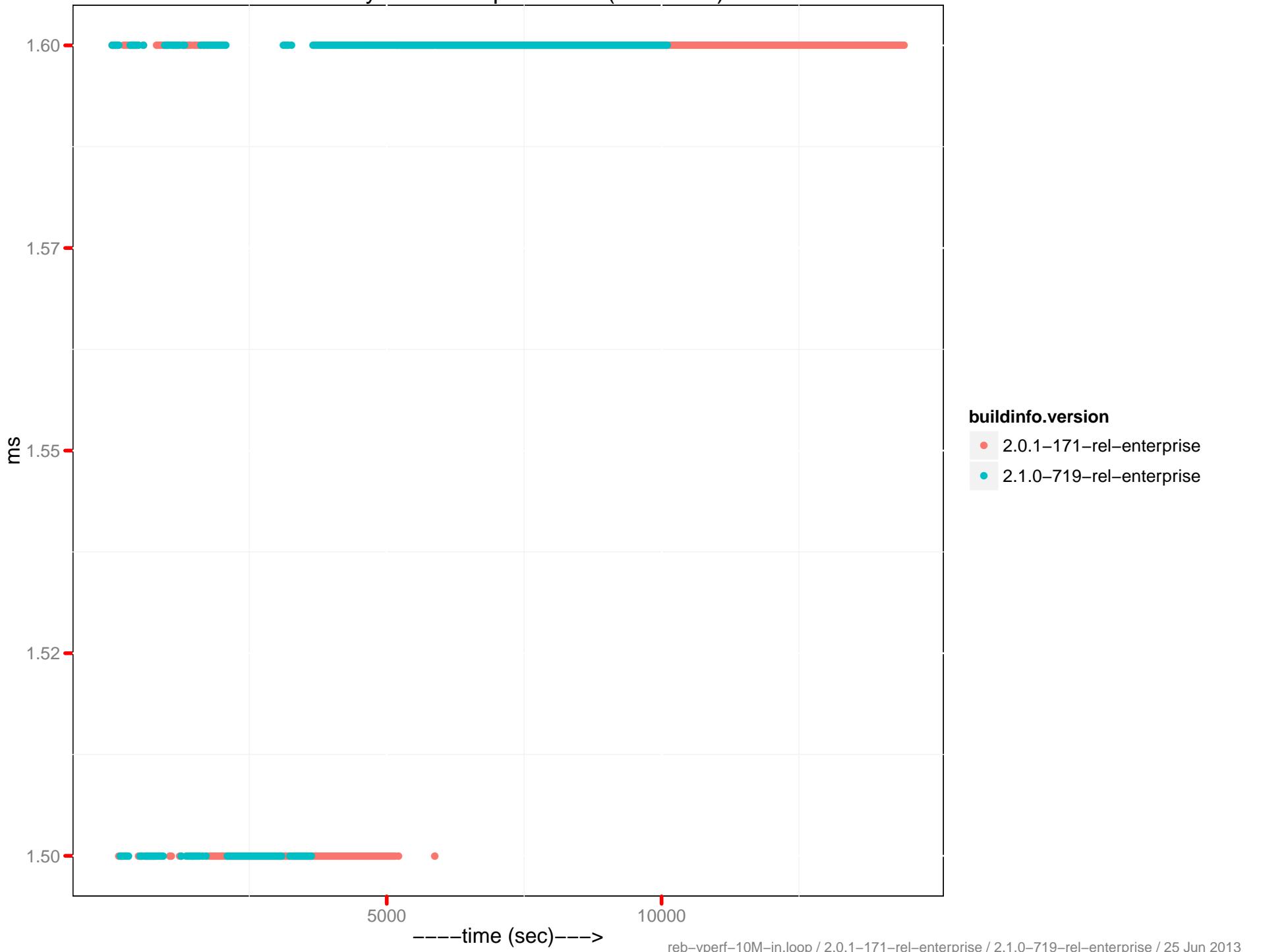
### Latency-set 90th percentile (0 – 10ms)



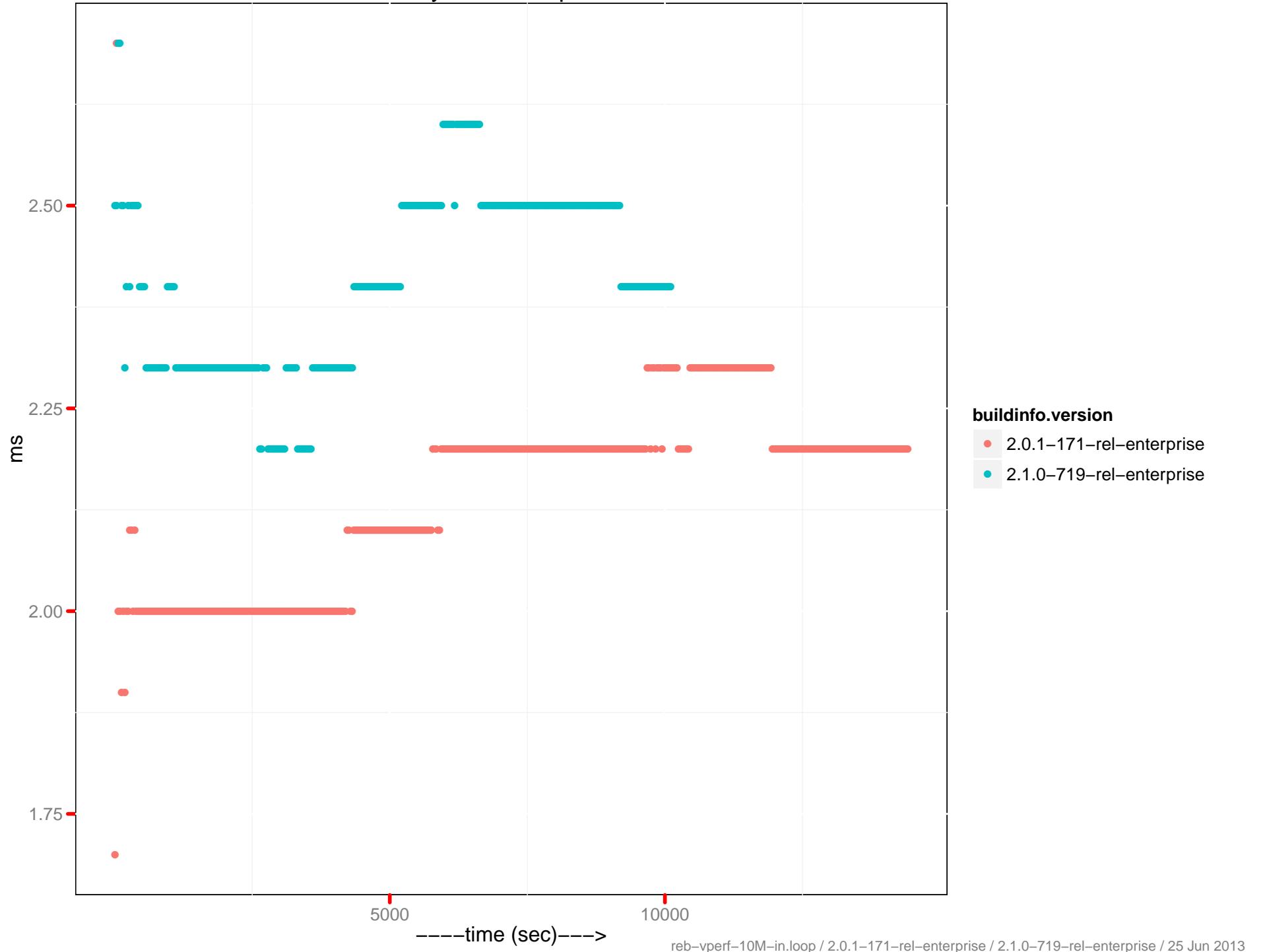
### Latency-set 95th percentile



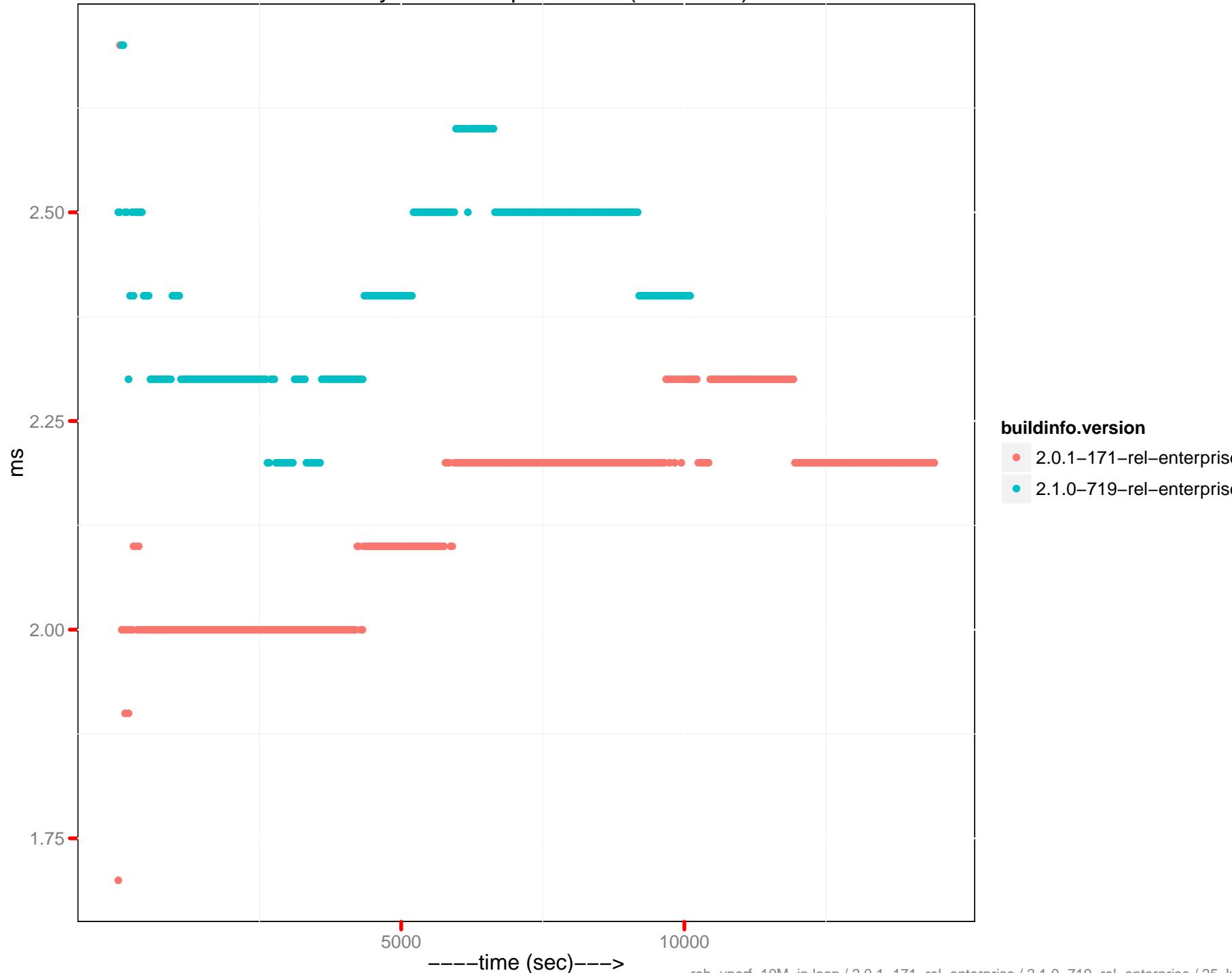
### Latency-set 95th percentile (0 – 10ms)



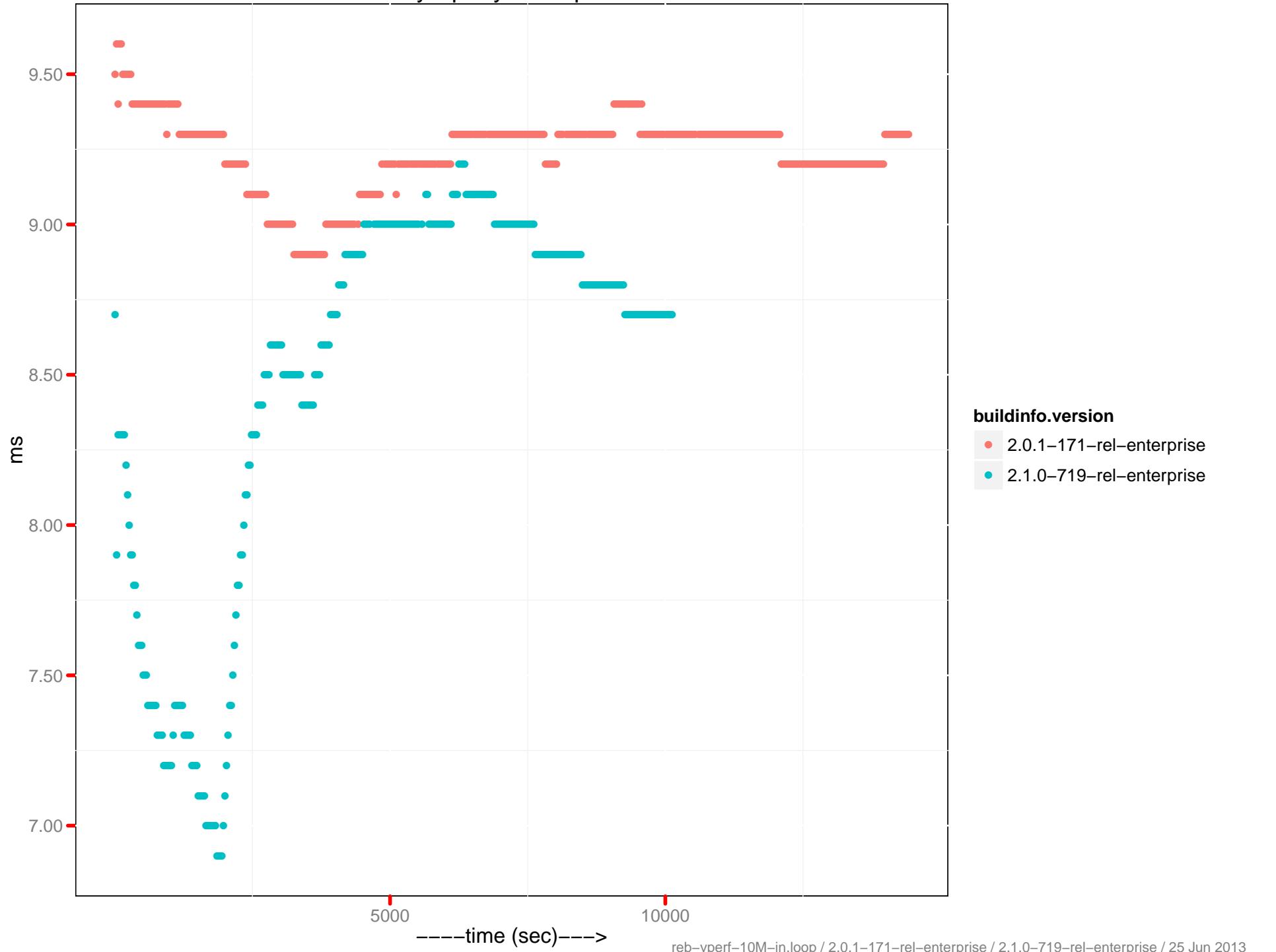
### Latency-set 99th percentile



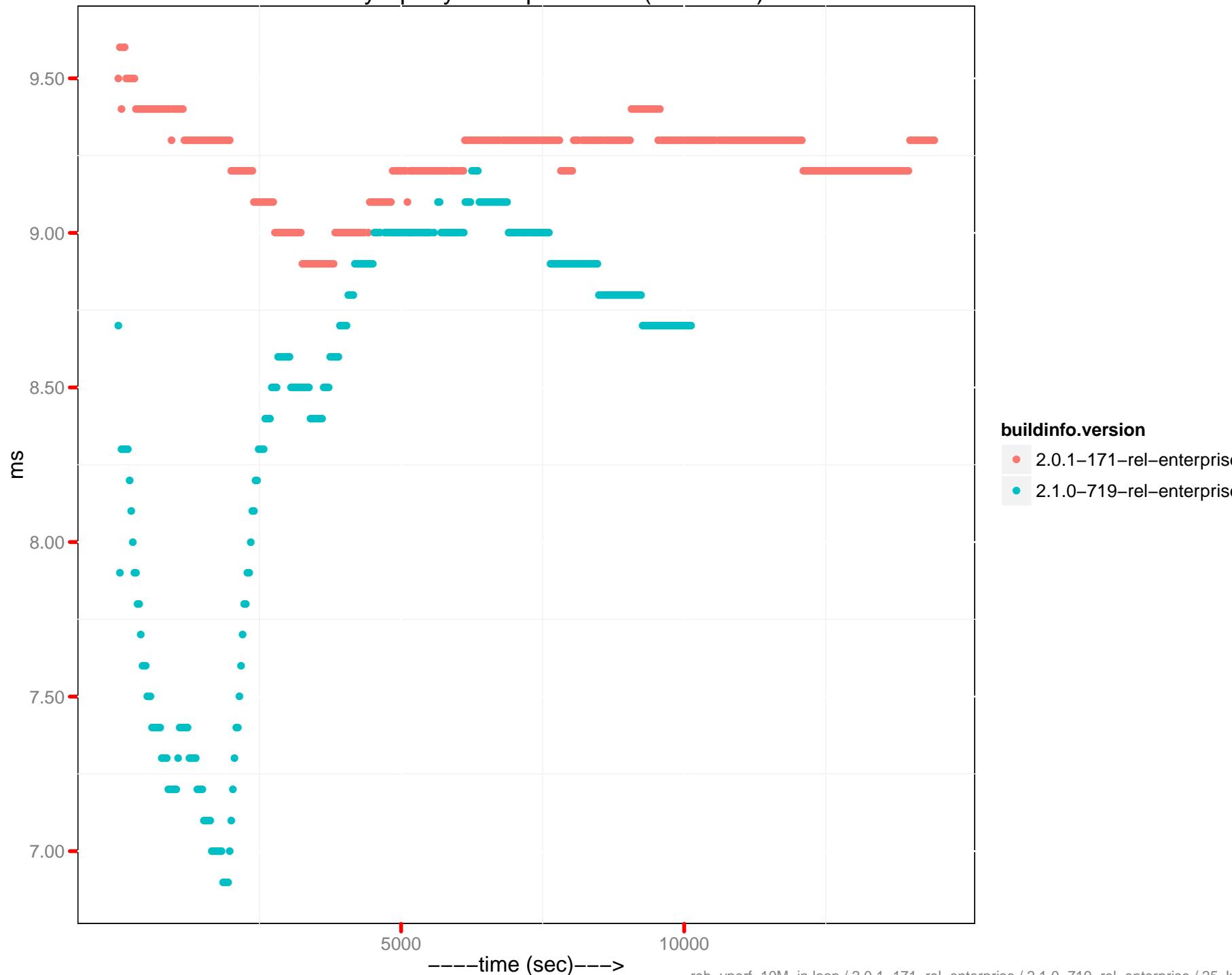
### Latency-set 99th percentile (0 – 10ms)



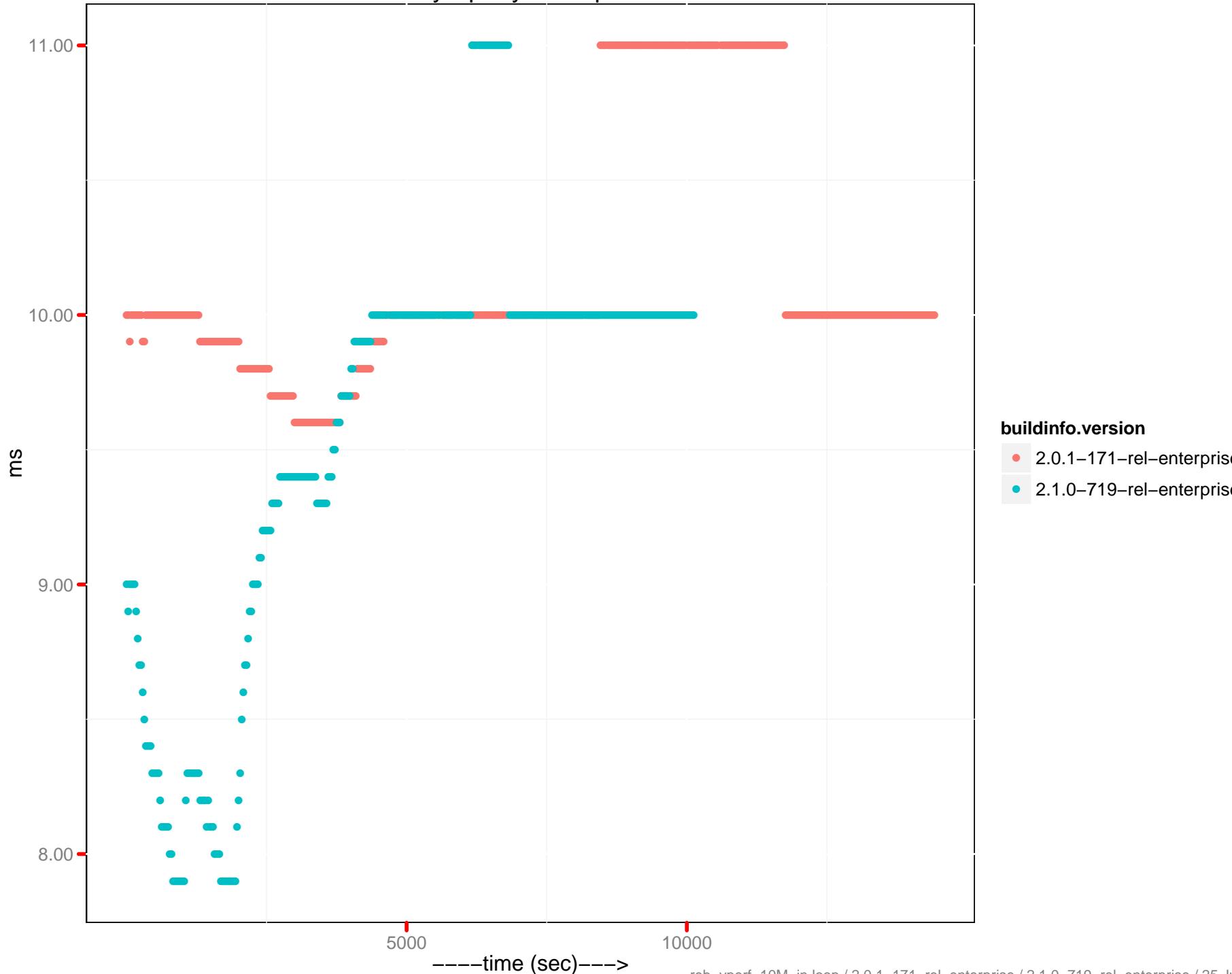
### Latency–query 80th percentile



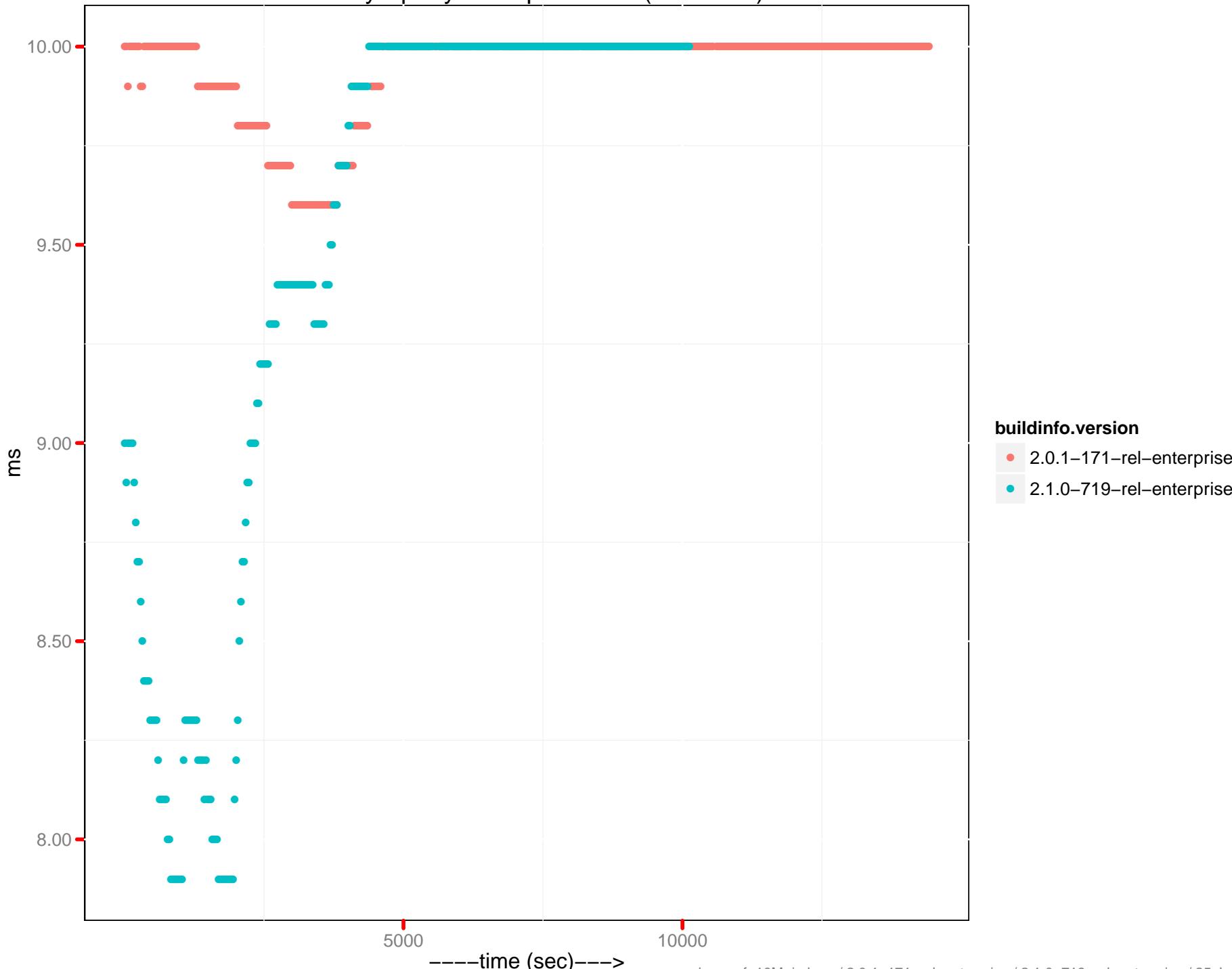
### Latency–query 80th percentile (0 – 10ms)



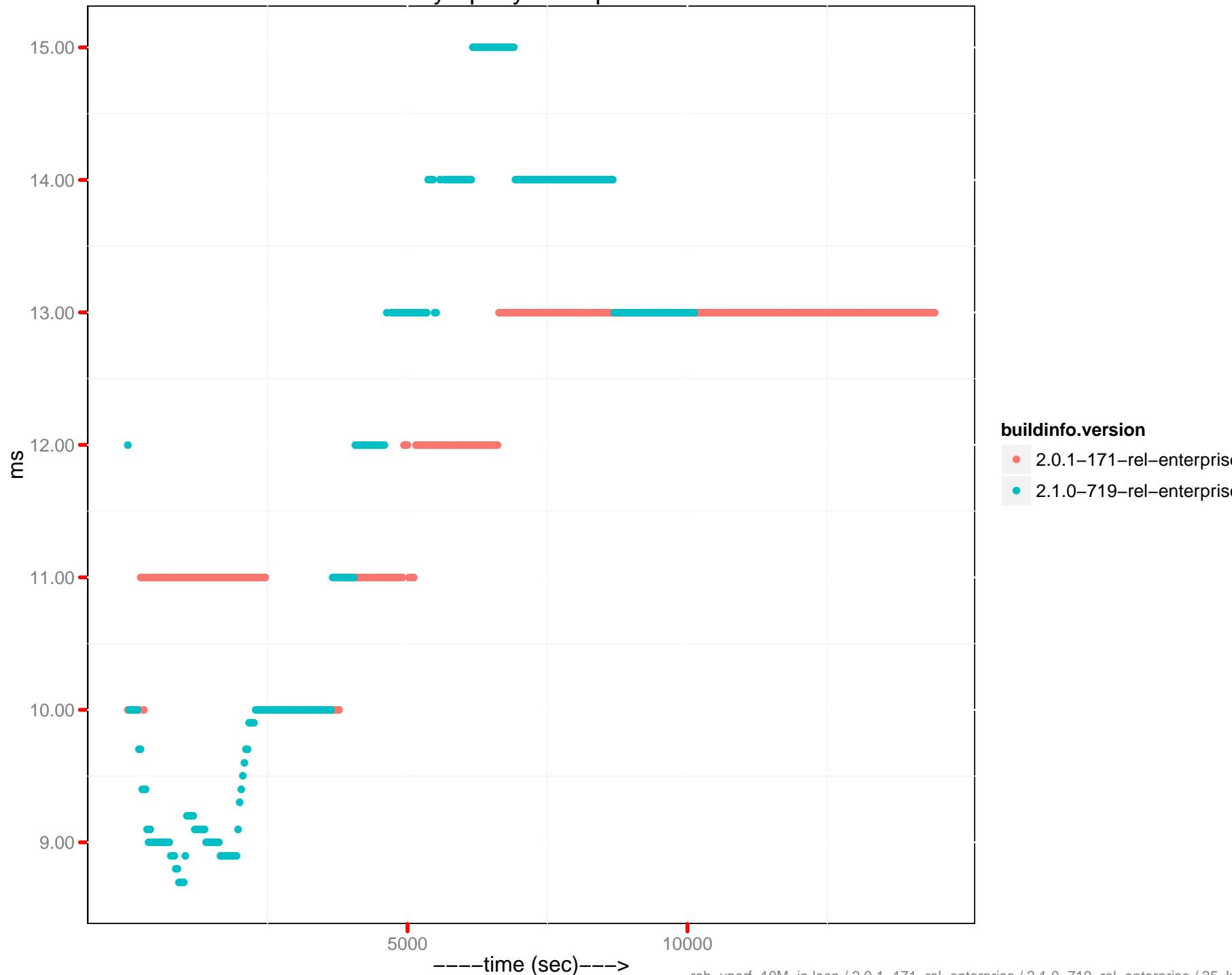
### Latency—query 90th percentile



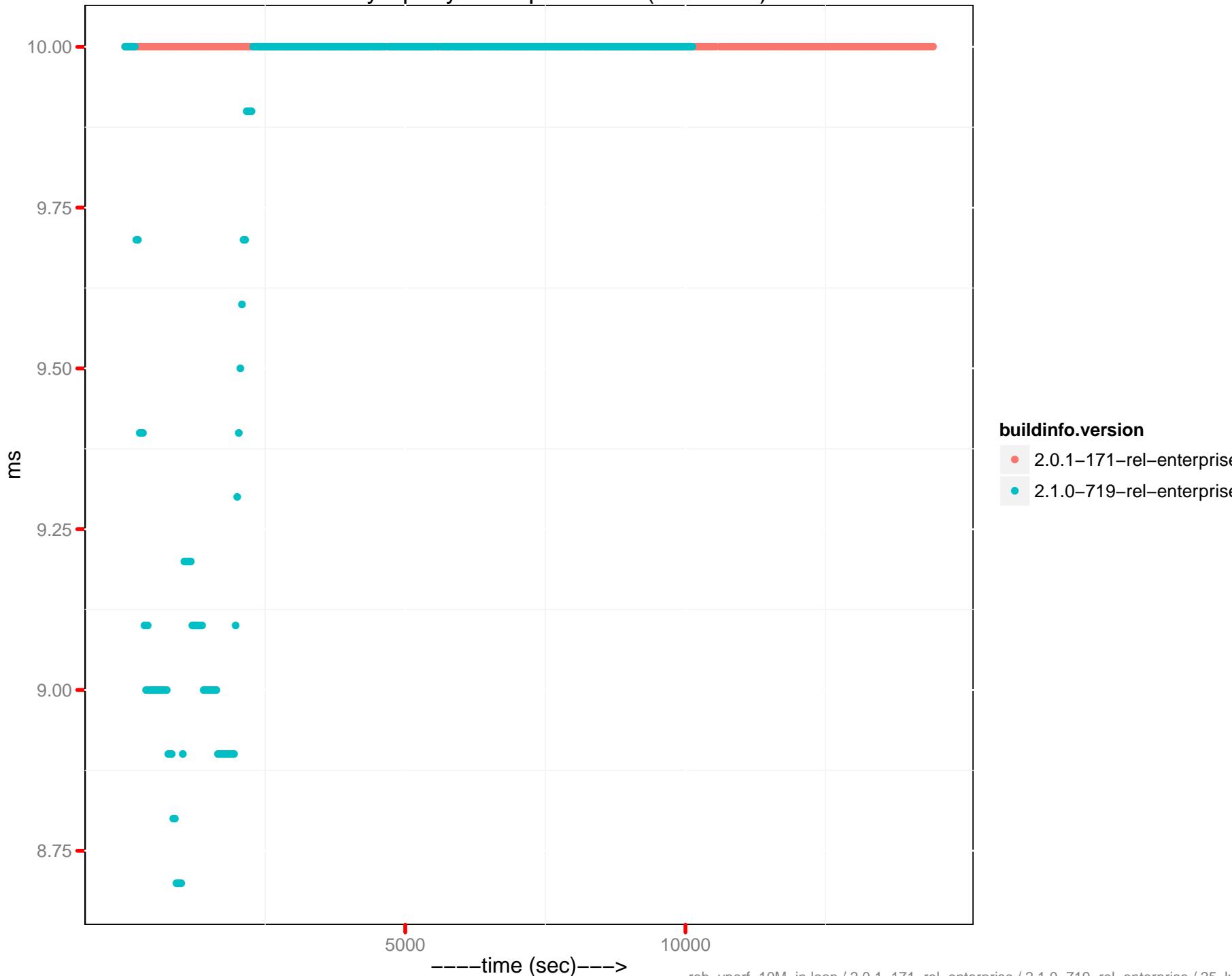
### Latency-query 90th percentile (0 – 10ms)



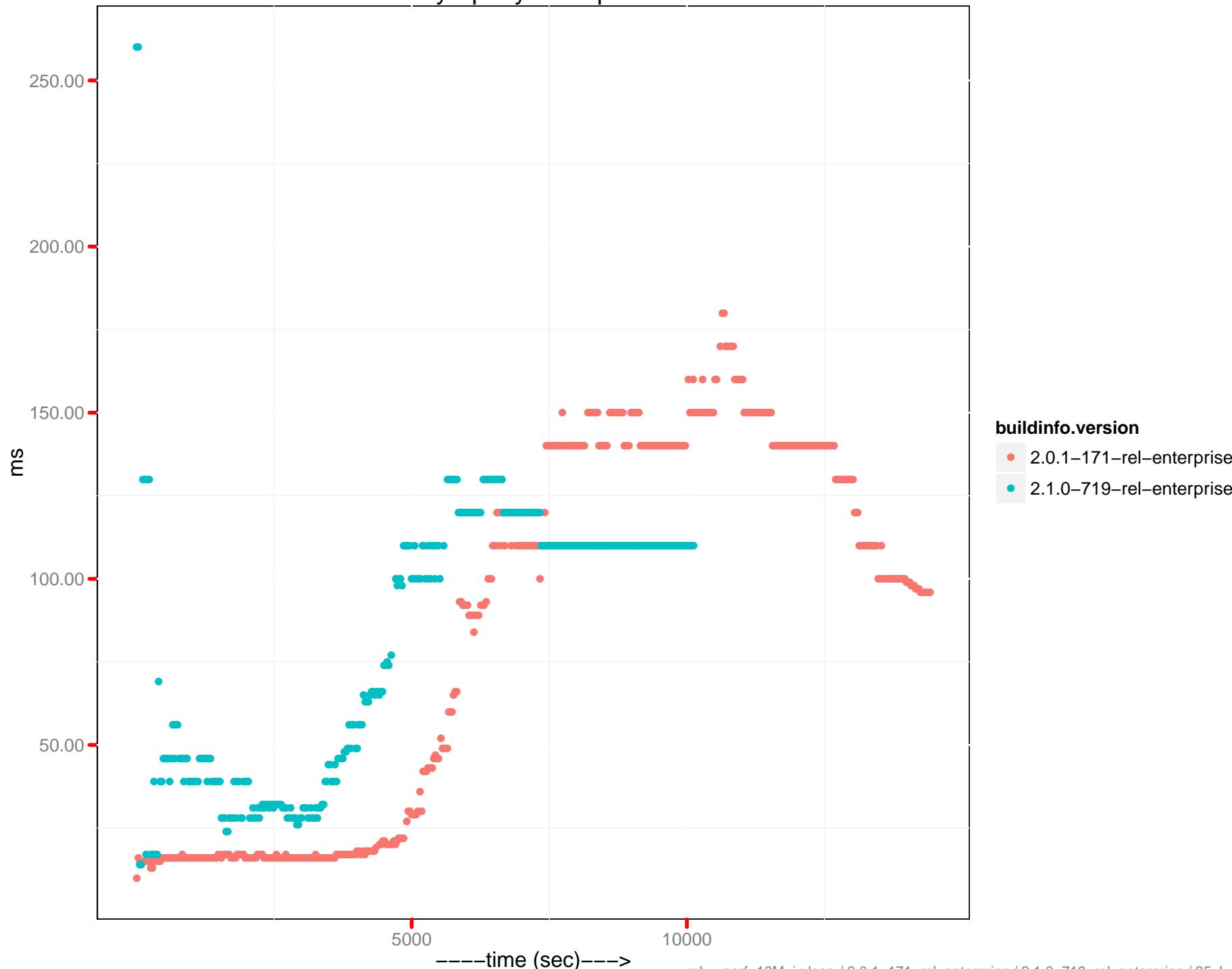
### Latency—query 95th percentile



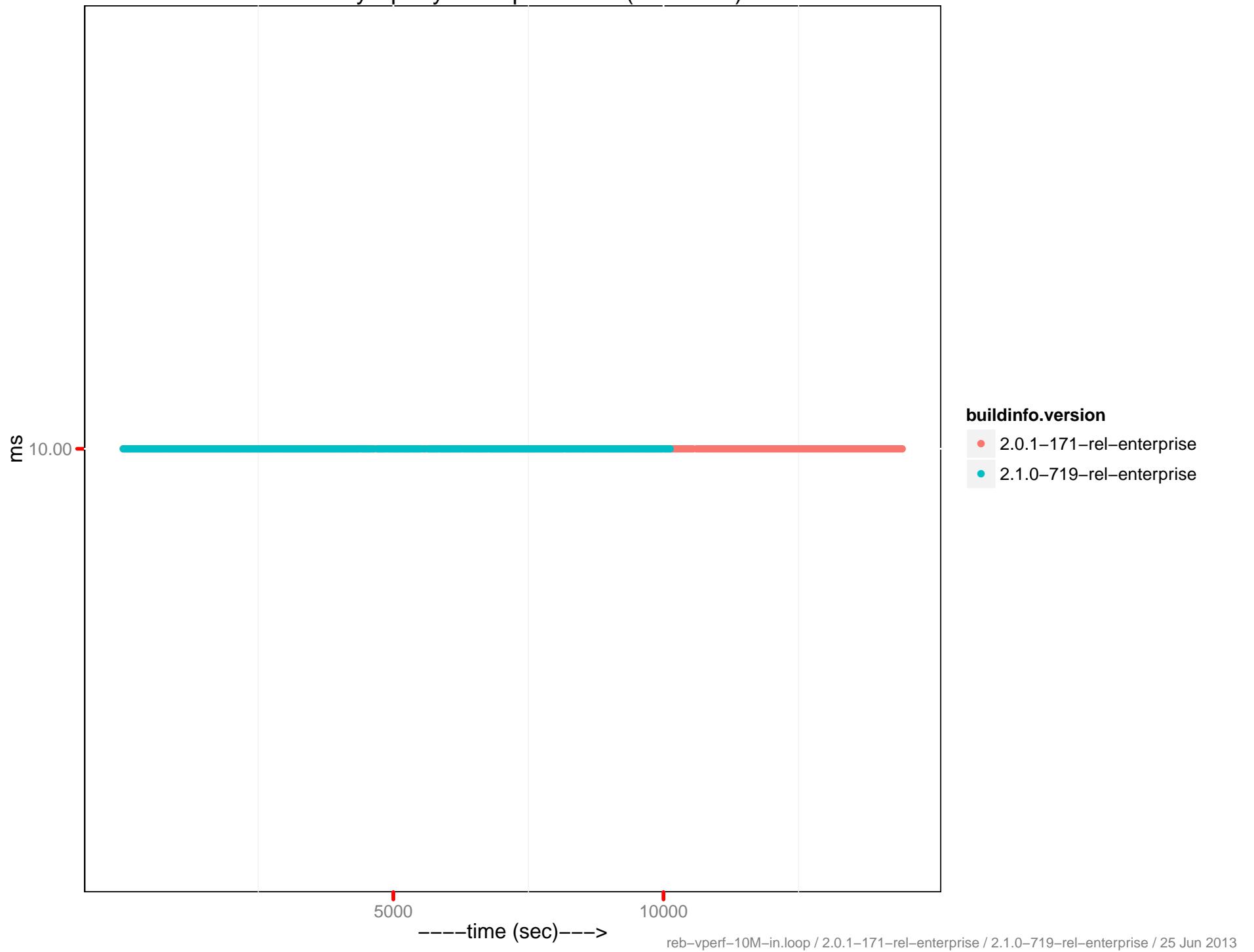
### Latency-query 95th percentile (0 – 10ms)



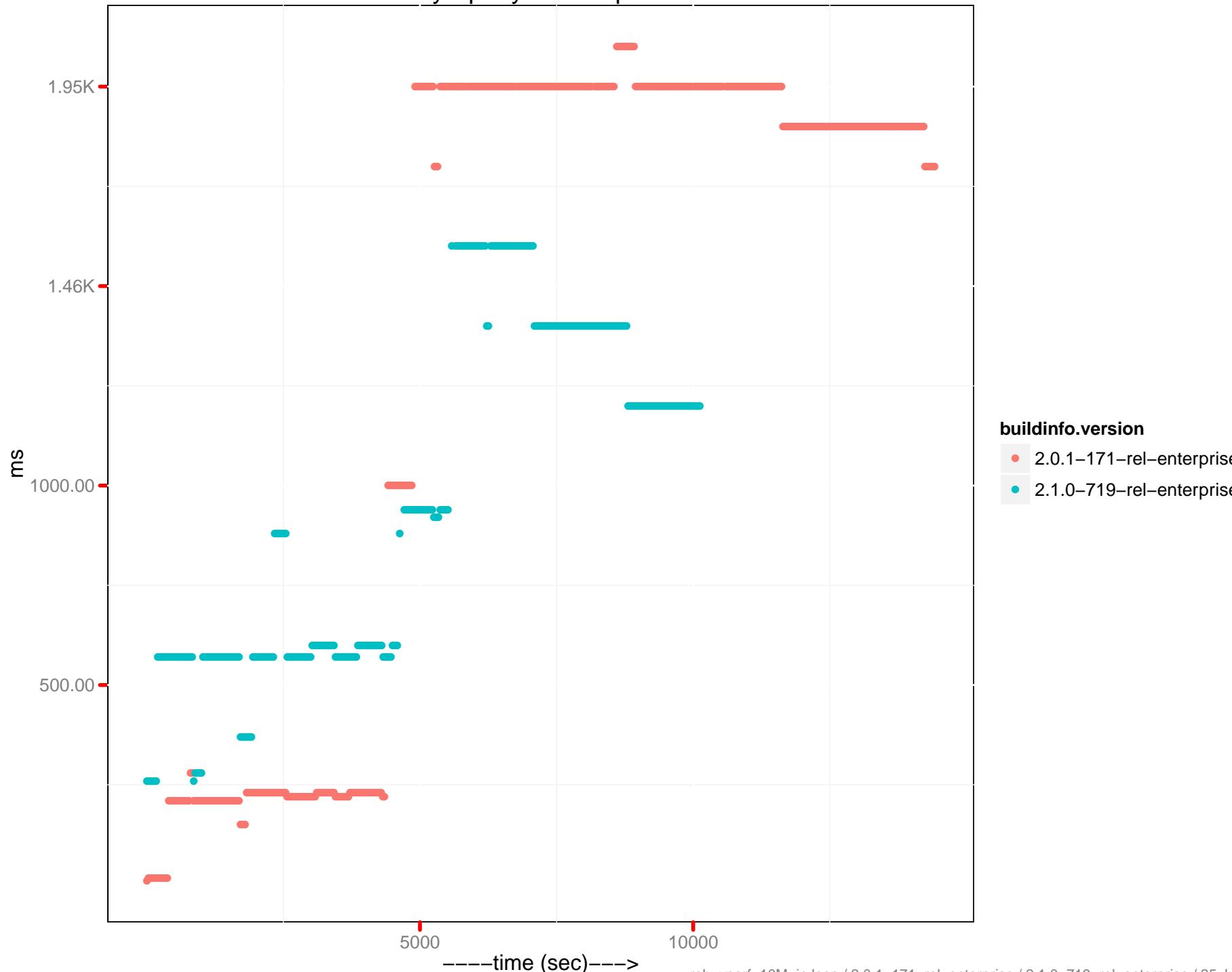
## Latency–query 99th percentile



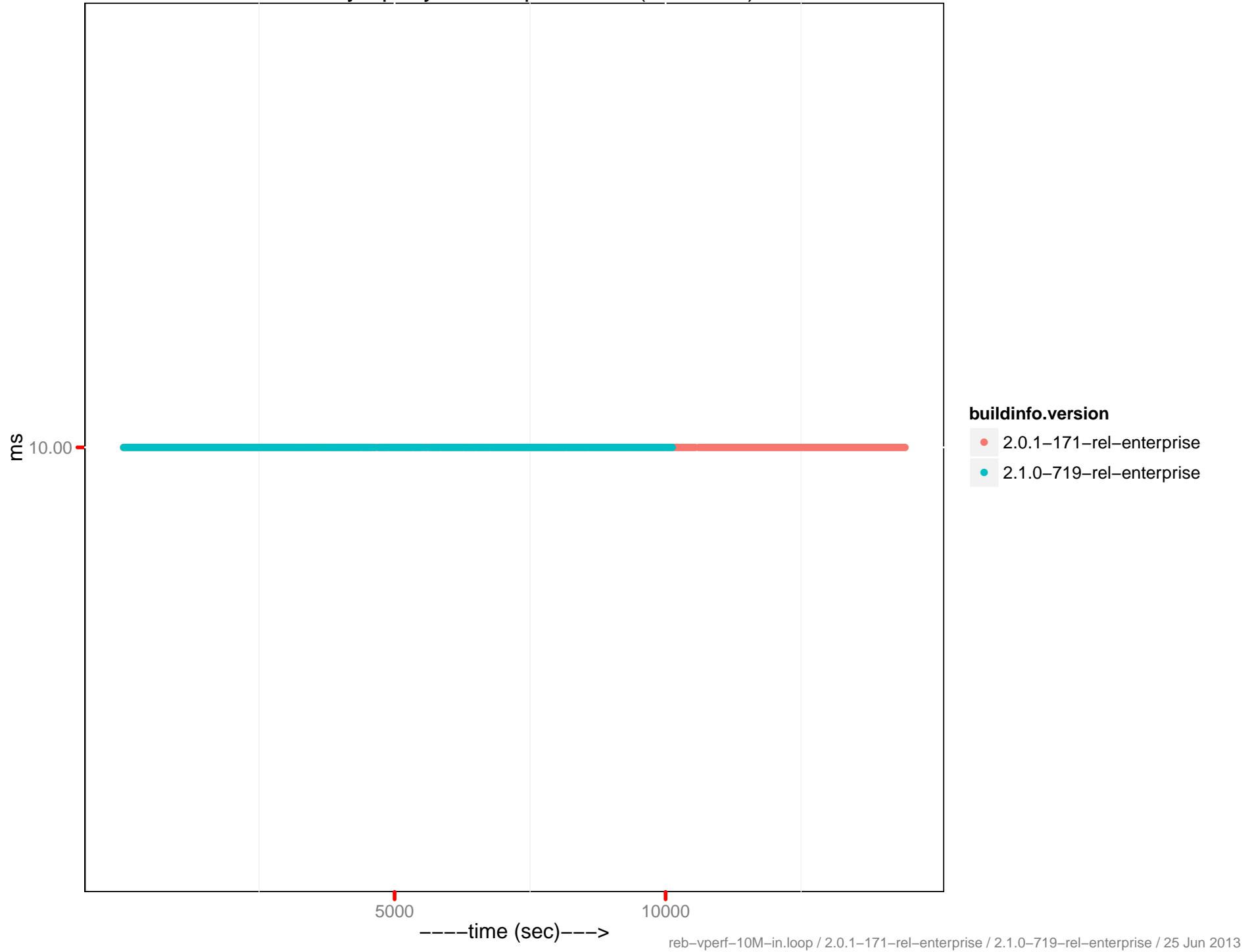
## Latency-query 99th percentile (0 – 10ms)



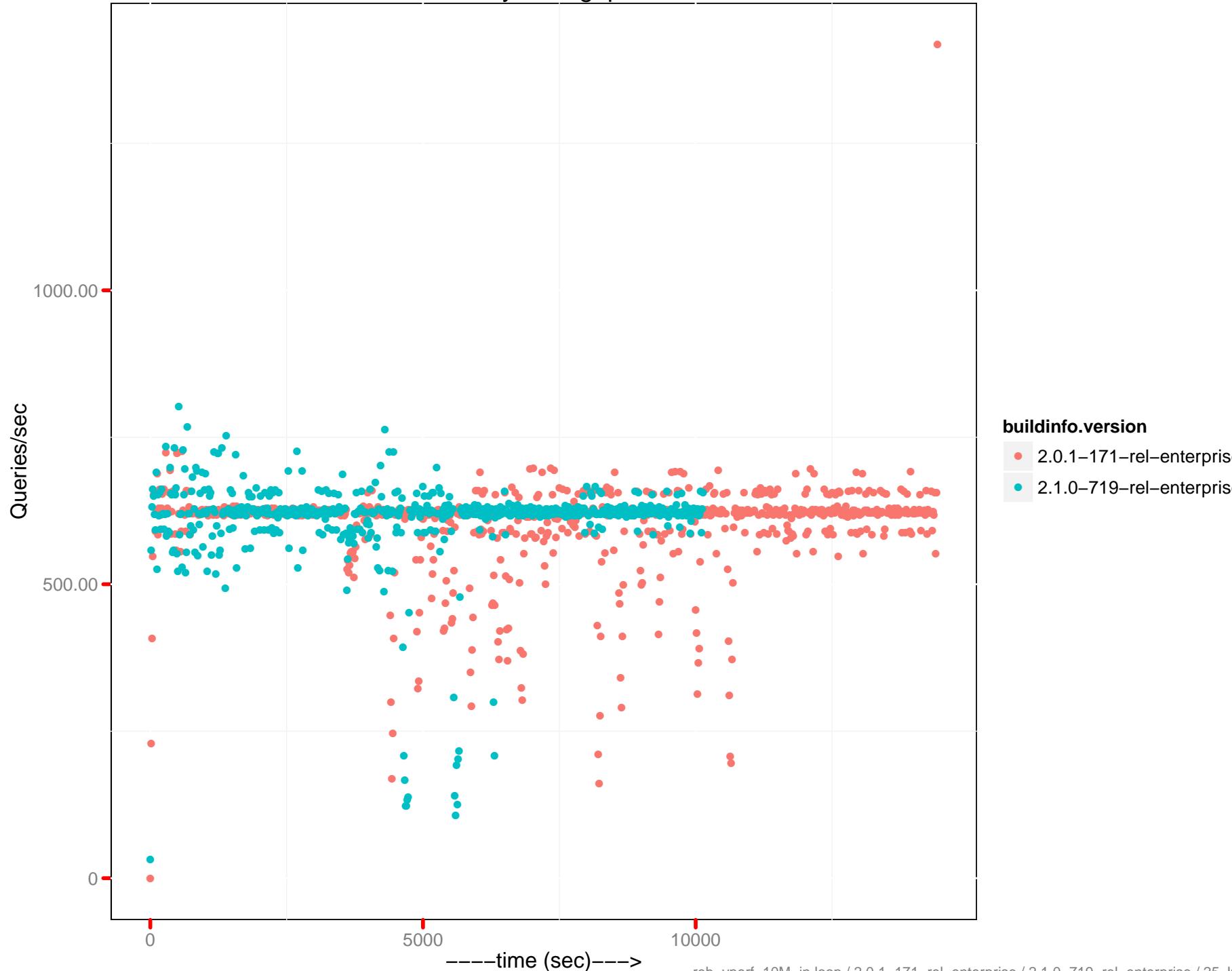
### Latency—query 99.9th percentile



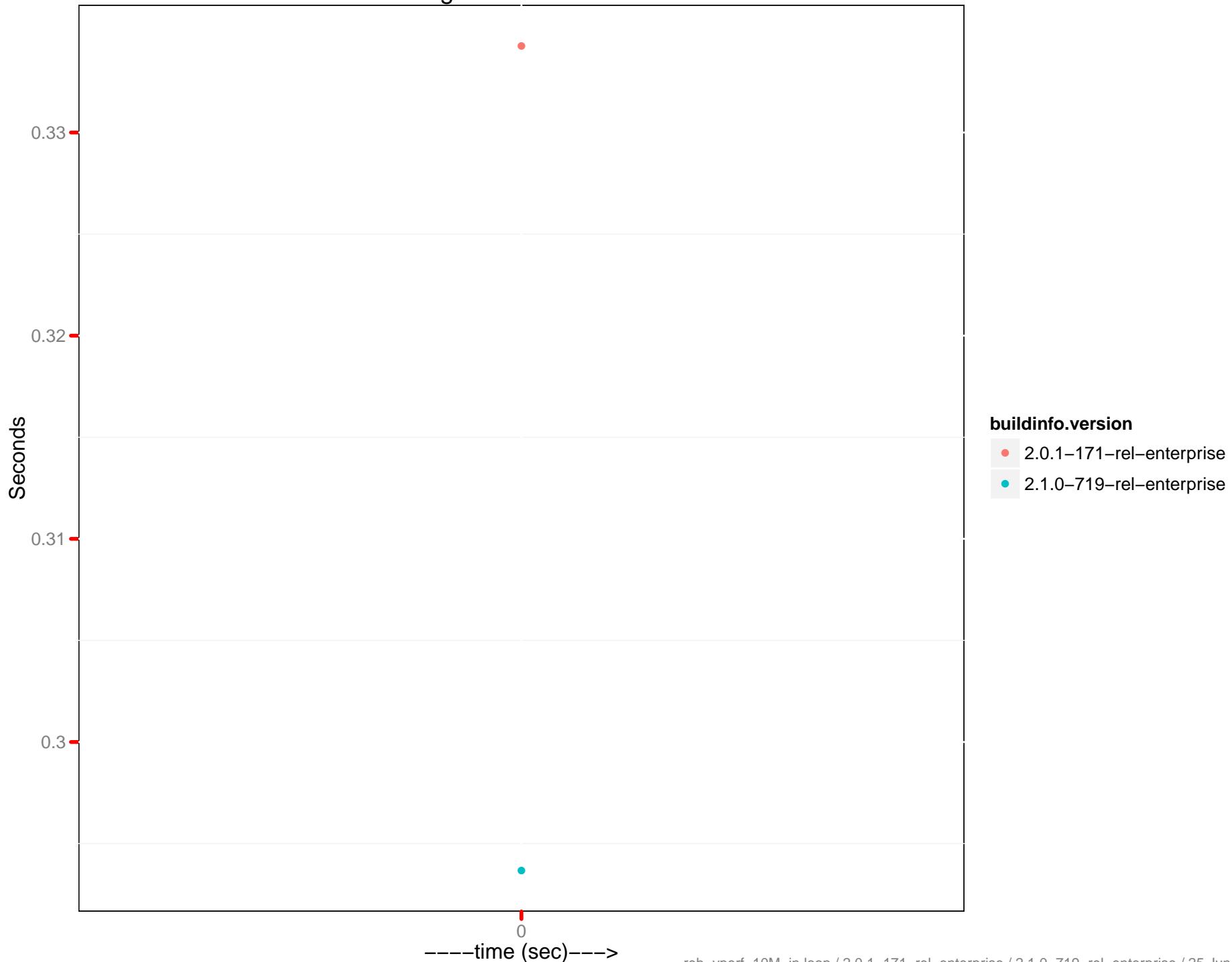
### Latency—query 99.9th percentile (0 – 10ms)



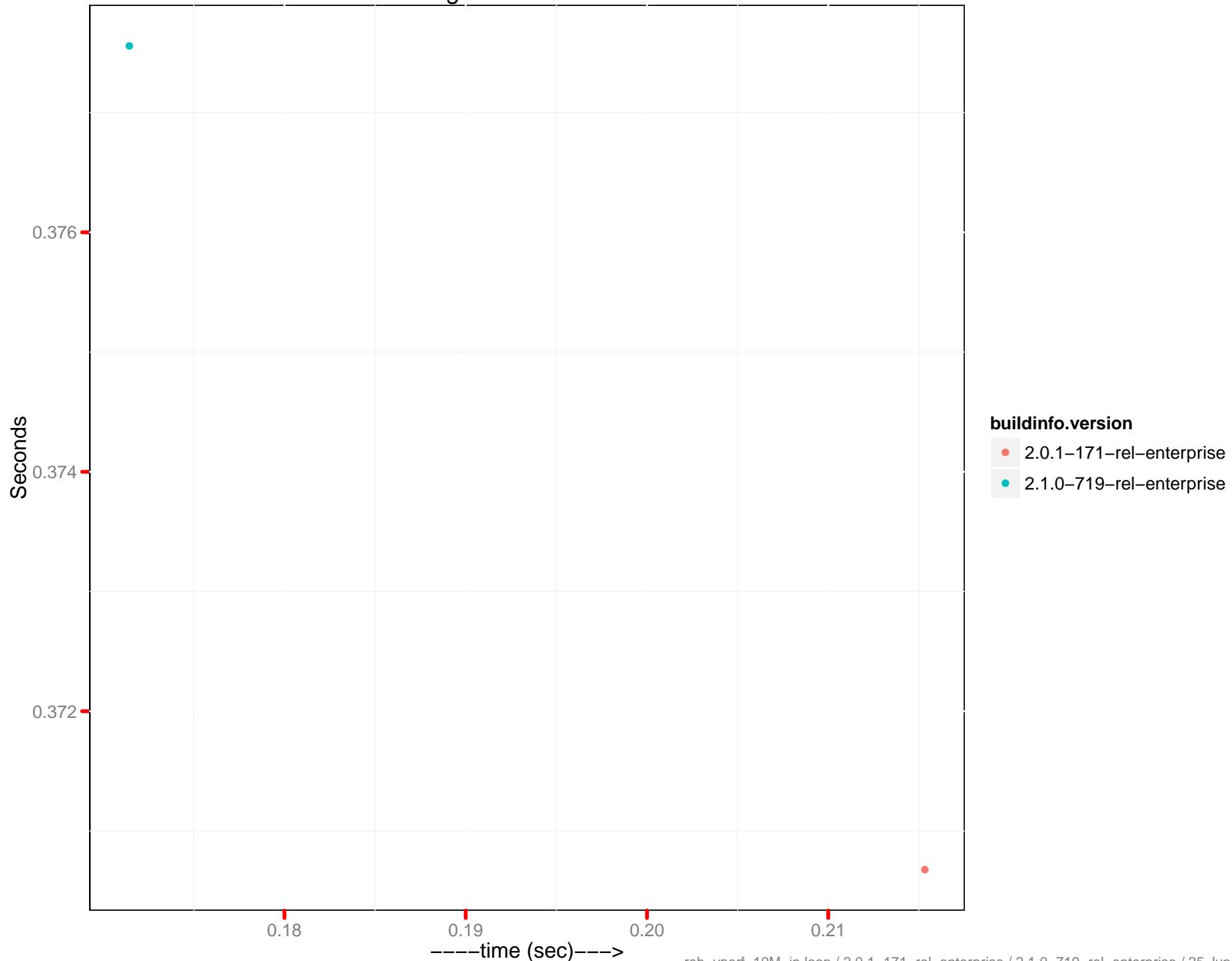
## Query throughput



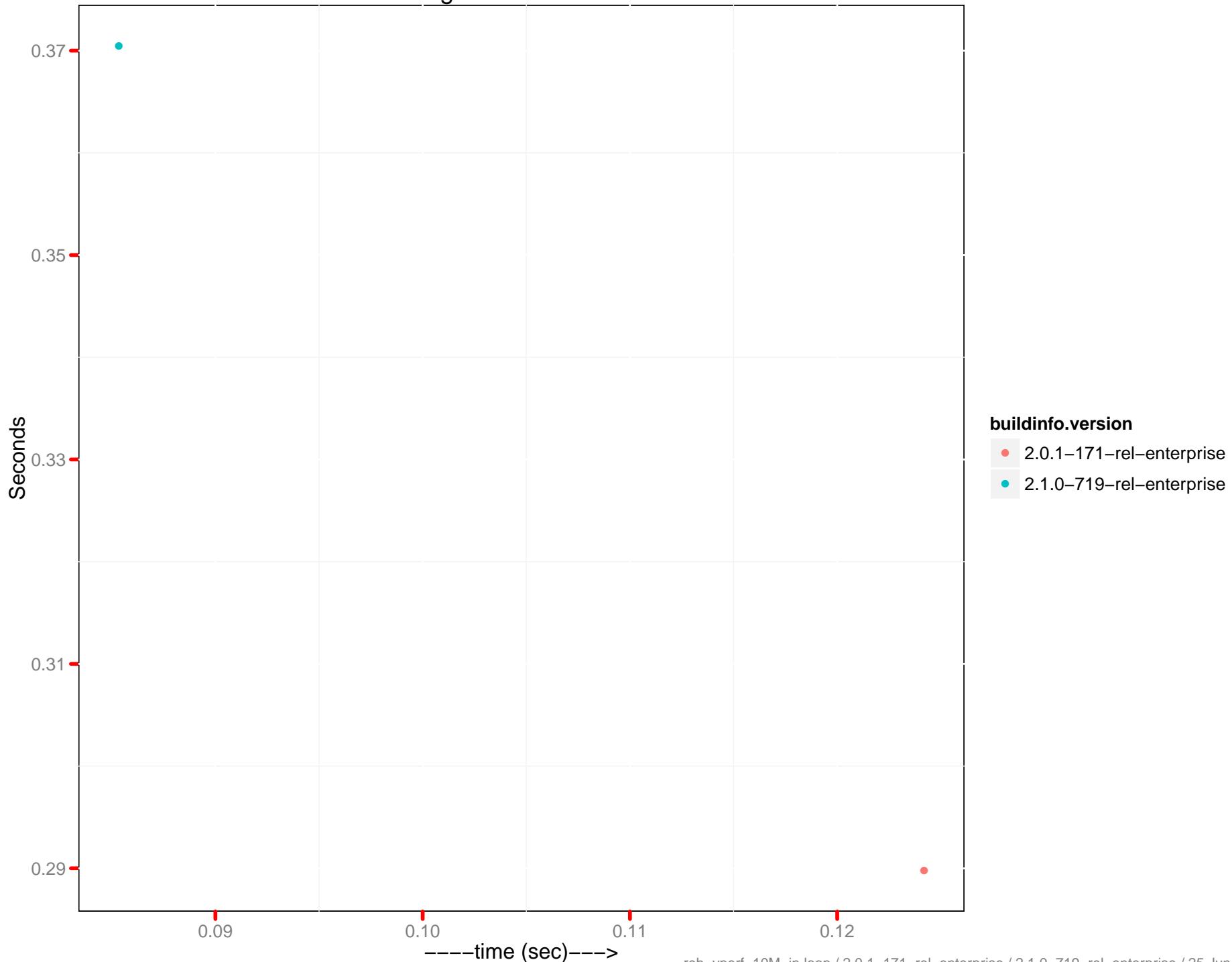
## Indexing time – 172.23.96.15



## Indexing time – 172.23.96.16



## Indexing time – 172.23.96.17



## Indexing time (0–5 sec) – 172.23.96.15

Seconds

**buildinfo.version**

- 2.0.1-171-rel-enterprise
- 2.1.0-719-rel-enterprise

0.000

0

-----time (sec)----->

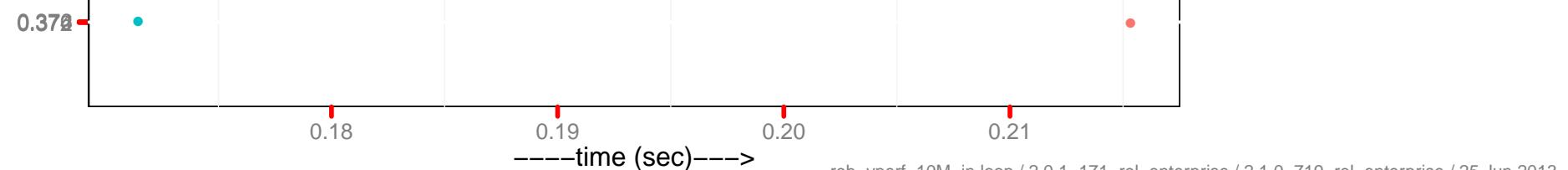
reb-vperf-10M-in.loop / 2.0.1-171-rel-enterprise / 2.1.0-719-rel-enterprise / 25 Jun 2013

## Indexing time (0–5 sec) – 172.23.96.16

Seconds

**buildinfo.version**

- 2.0.1-171-rel-enterprise
- 2.1.0-719-rel-enterprise



# Indexing time (0–5 sec) – 172.23.96.17

Seconds

**buildinfo.version**

- 2.0.1-171-rel-enterprise
- 2.1.0-719-rel-enterprise

Java

0.09

0.10

0.11

0.12

time (sec)

reb-vperf-10M-in.loop / 2.0.1-171-rel-enterprise / 2.1.0-719-rel-enterprise / 25 Jun 2013

## Indexing throughput

