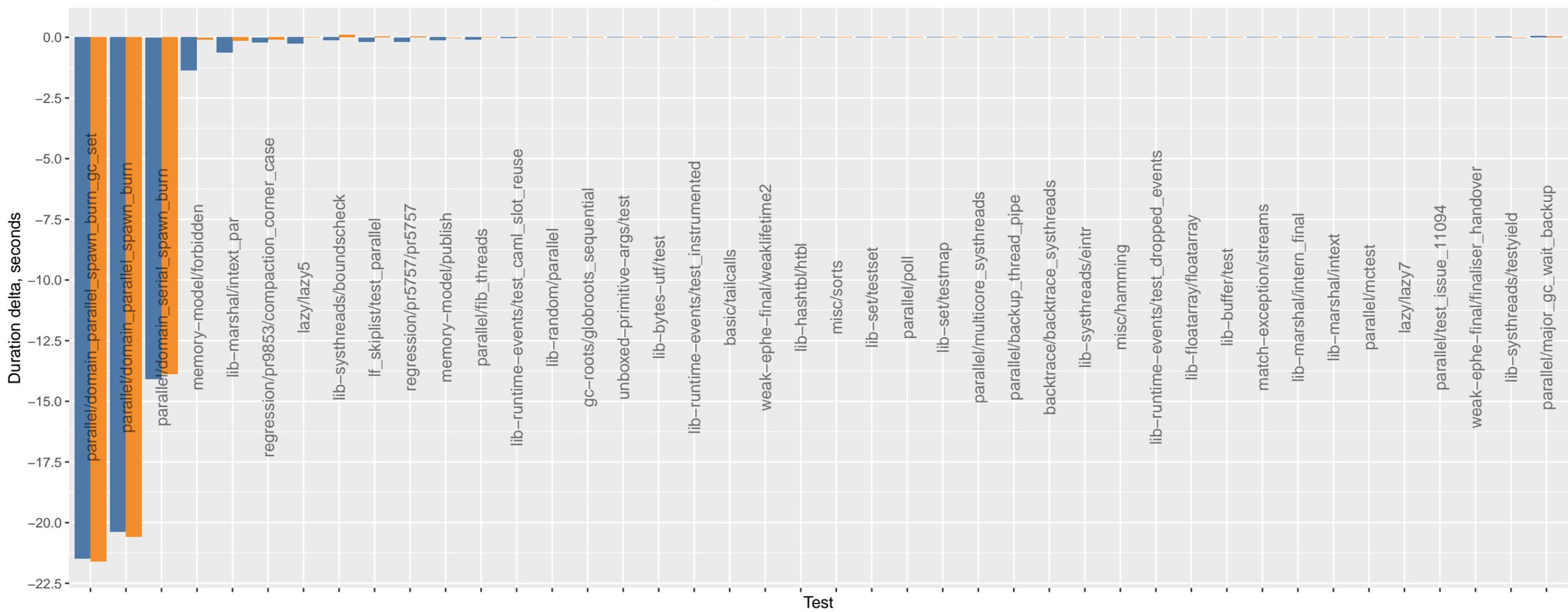
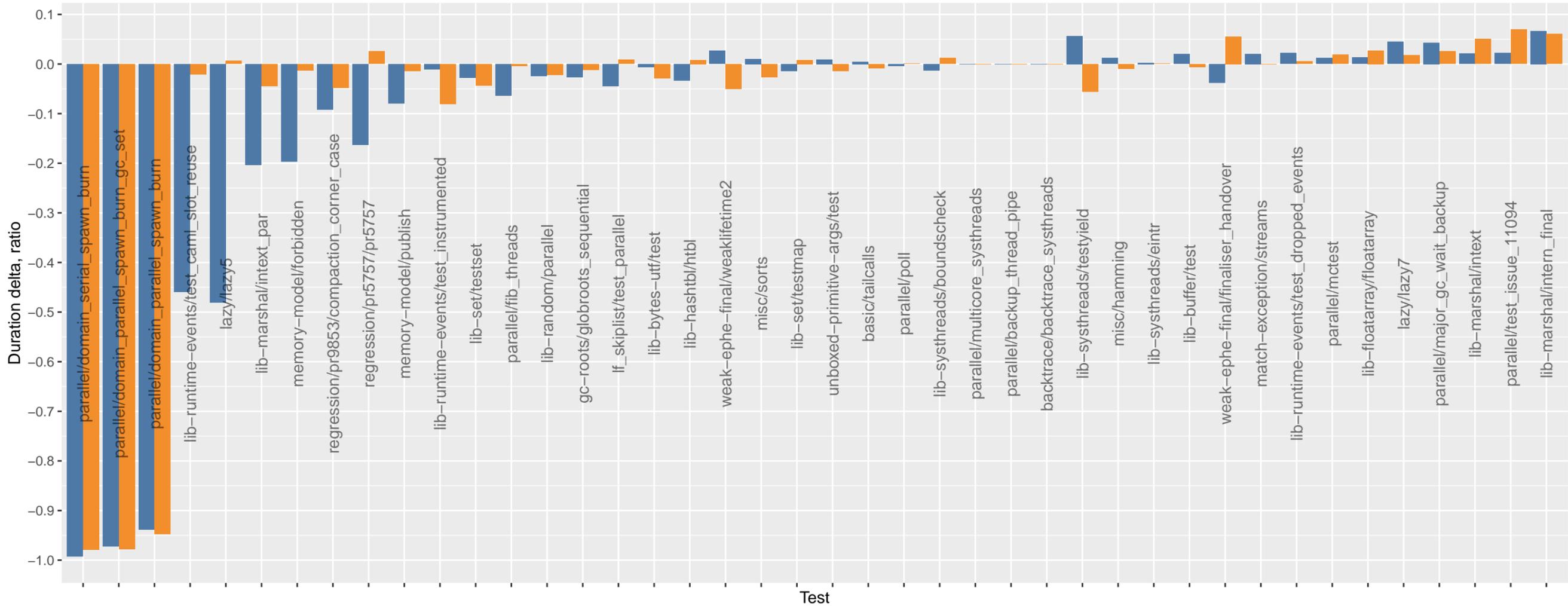


Change in Duration, as Mean of Quintiles

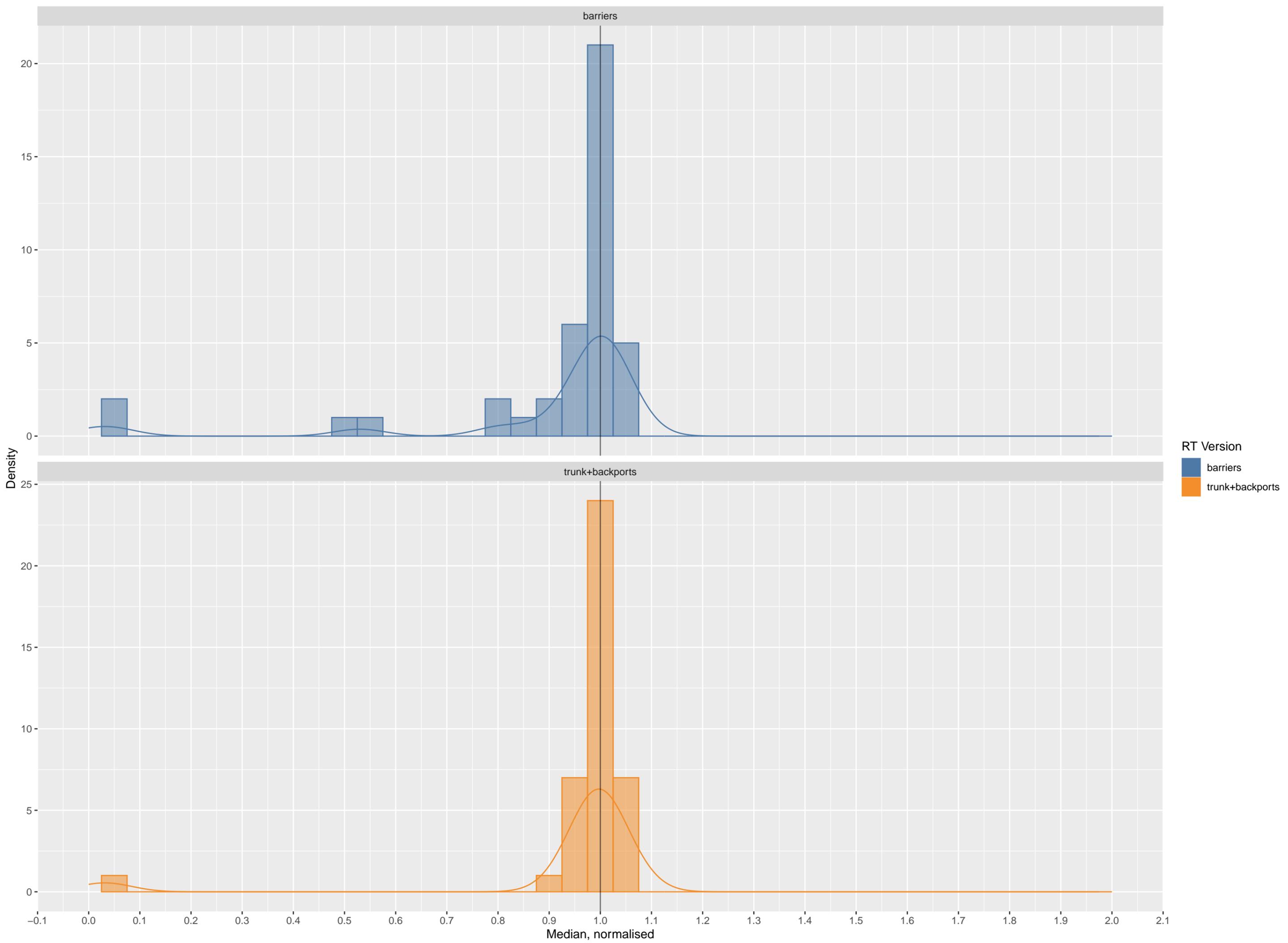


RT Version
■ barriers
■ trunk+backports



Tests excluded: 16 (did not differ with Kruskal-Wallis rank sum test, p=0.1)

Relative distributions



parallel/domain_serial_spawn_burn

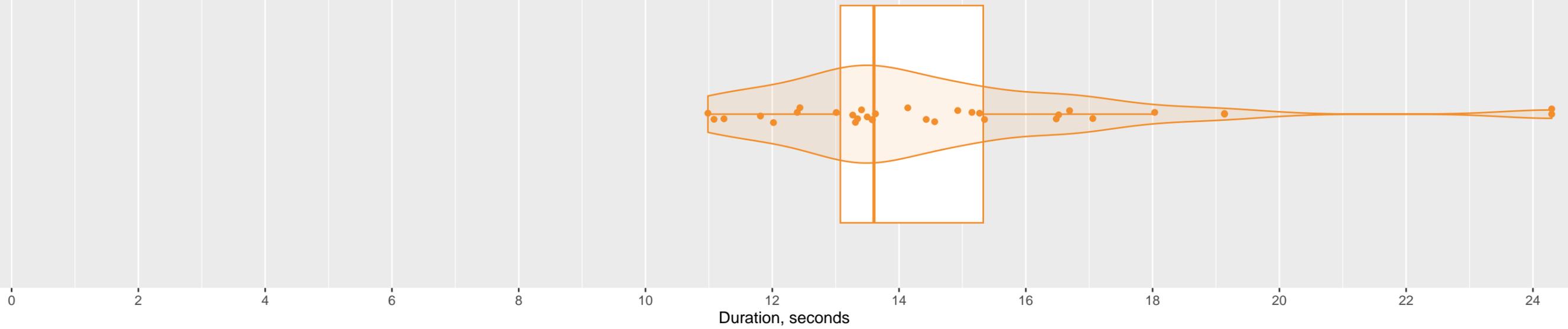
barriers



trunk+backports



trunk



RT Version ■ barriers ■ trunk ■ trunk+backports

parallel/domain_parallel_spawn_burn_gc_set

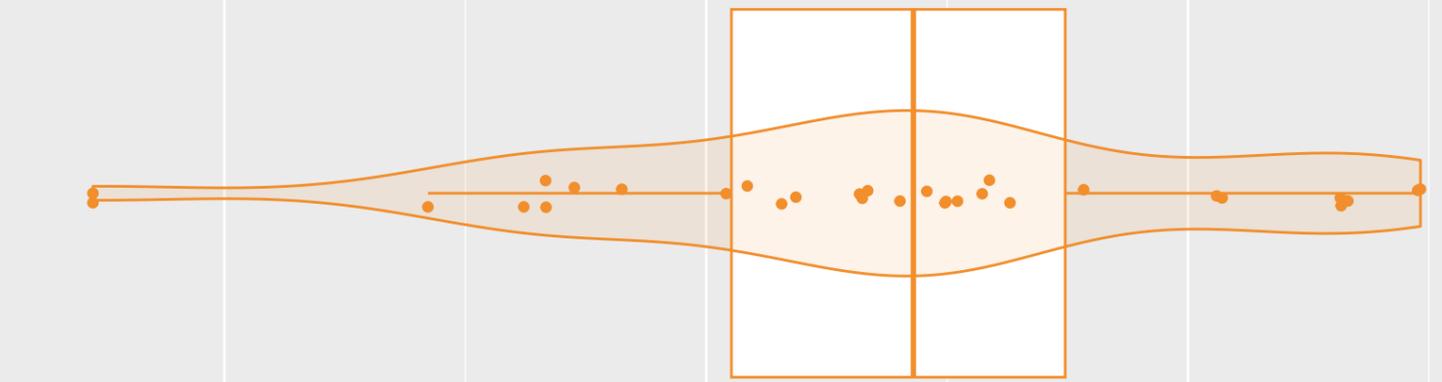
trunk+backports



barriers



trunk



0

5

10

15

20

25

Duration, seconds

RT Version



barriers



trunk



trunk+backports

parallel/domain_parallel_spawn_burn

trunk+backports



barriers



trunk

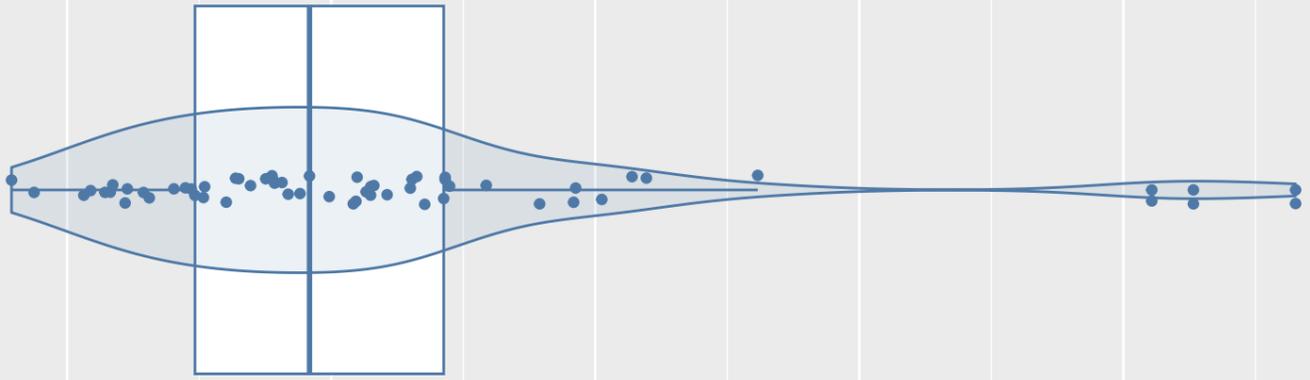


Duration, seconds

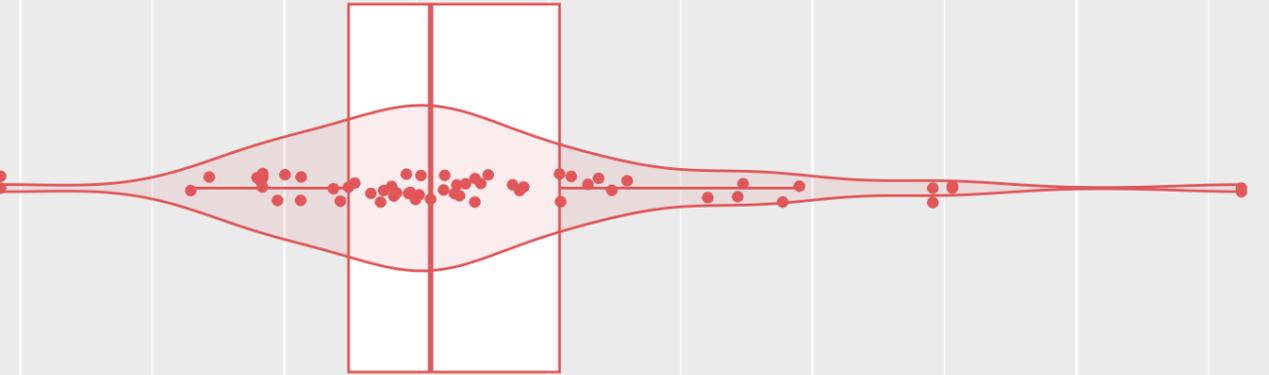
RT Version ■ barriers ■ trunk ■ trunk+backports

lib-runtime-events/test_caml_slot_reuse

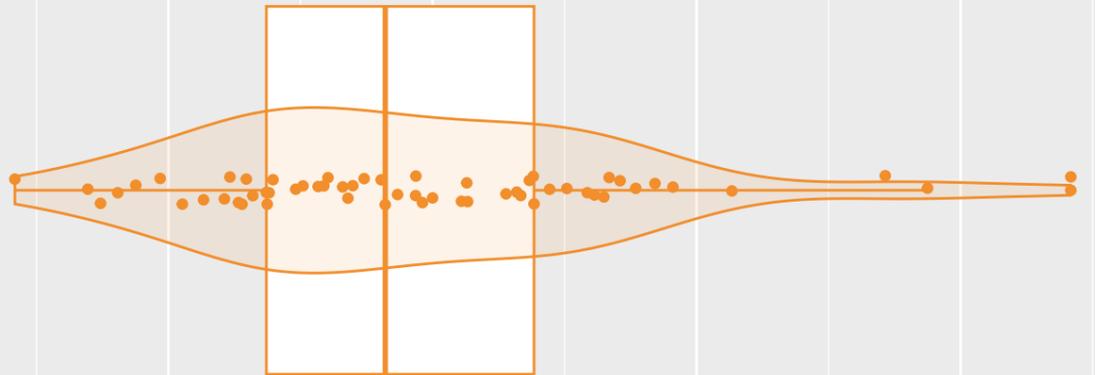
barriers



trunk+backports



trunk



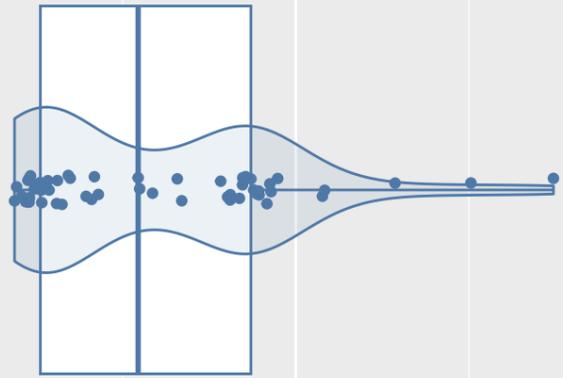
0.030 0.035 0.040 0.045 0.050 0.055 0.060 0.065 0.070 0.075 0.080

Duration, seconds

RT Version ■ barriers ■ trunk ■ trunk+backports

lazy/lazy5

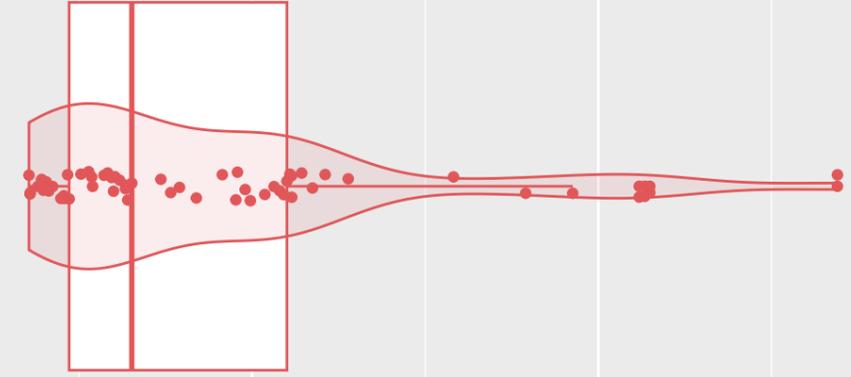
barriers



trunk



trunk+backports



0.25

0.30

0.35

0.40

0.45

0.50

0.55

0.60

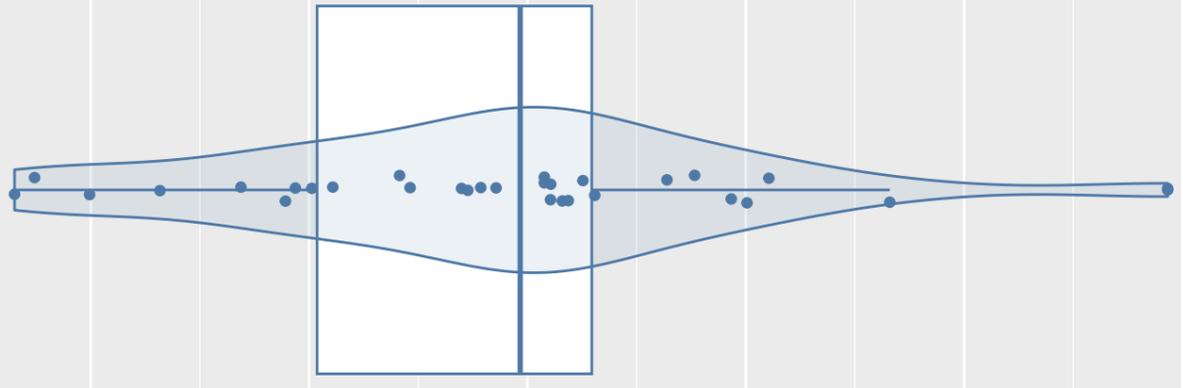
0.65

Duration, seconds

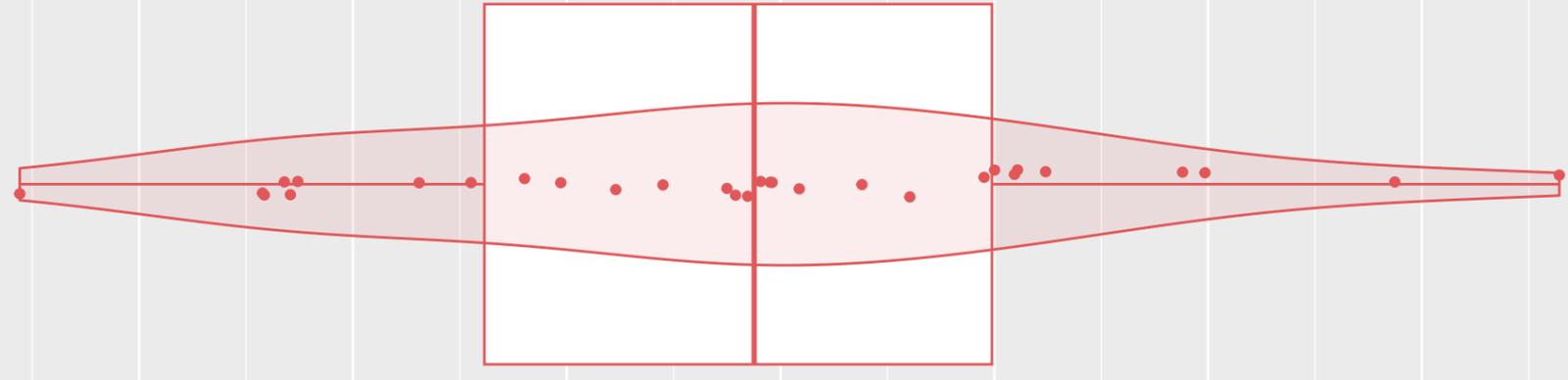
RT Version barriers trunk trunk+backports

lib-marshall/intext_par

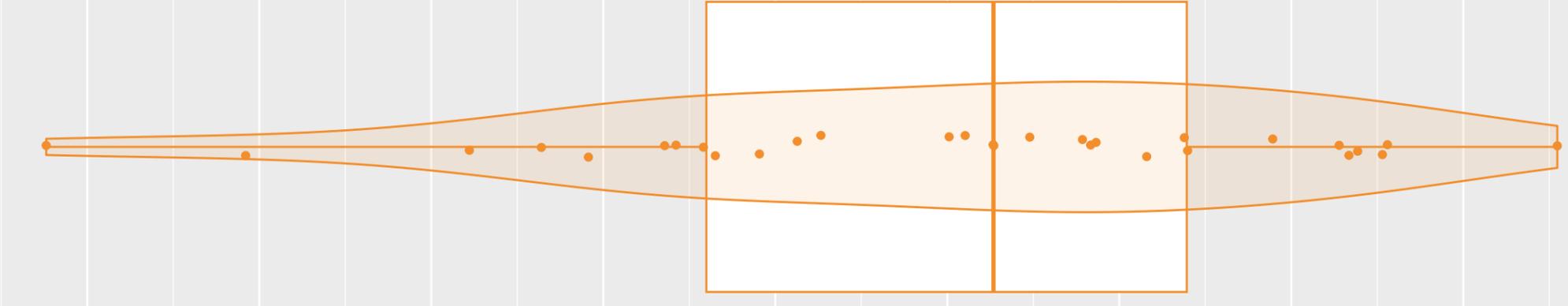
barriers



trunk+backports



trunk



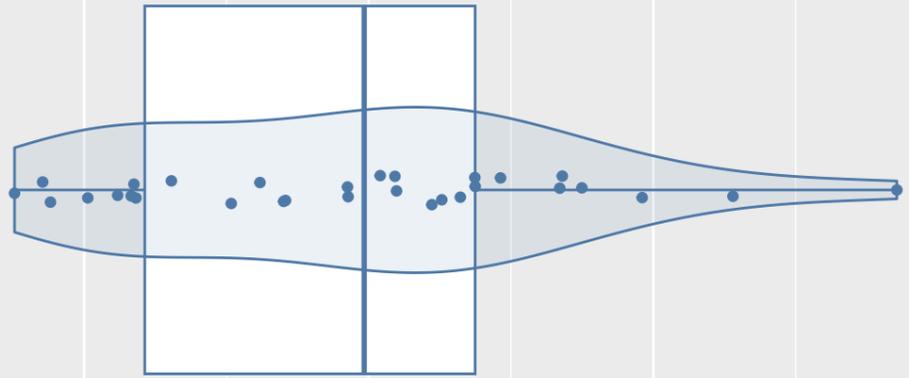
2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5

Duration, seconds

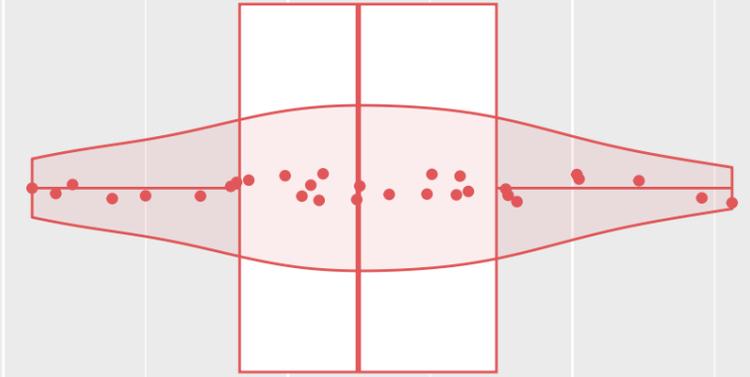
RT Version barriers trunk trunk+backports

memory-model/forbidden

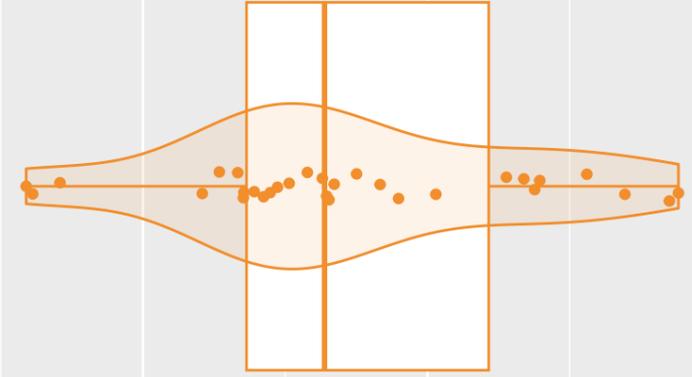
barriers



trunk+backports



trunk



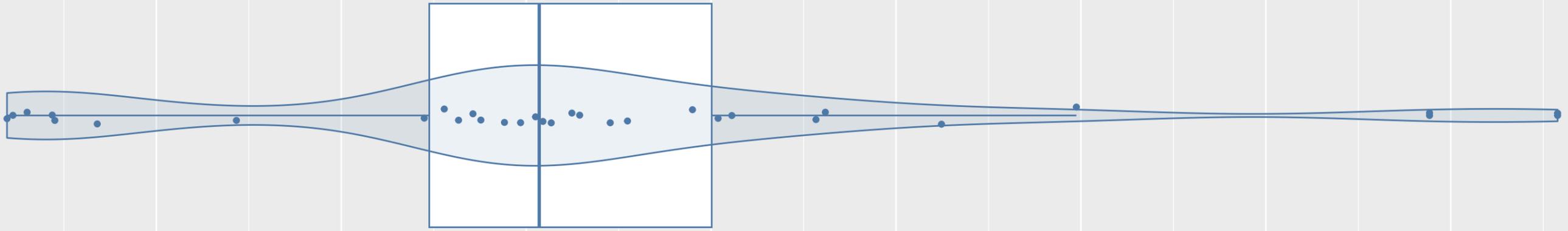
5.4 5.6 5.8 6.0 6.2 6.4 6.6 6.8 7.0 7.2

Duration, seconds

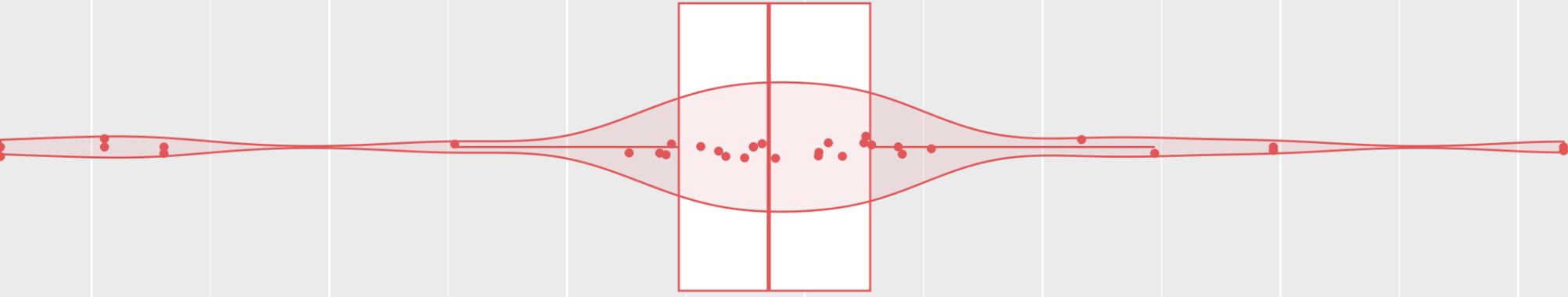
RT Version barriers trunk trunk+backports

regression/pr9853/compaction_corner_case

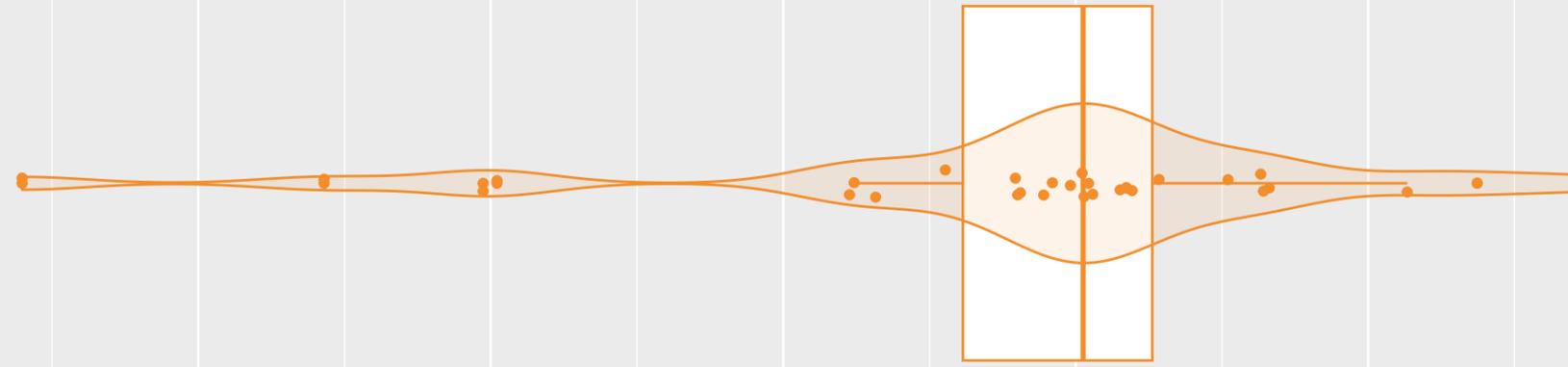
barriers



trunk+backports



trunk

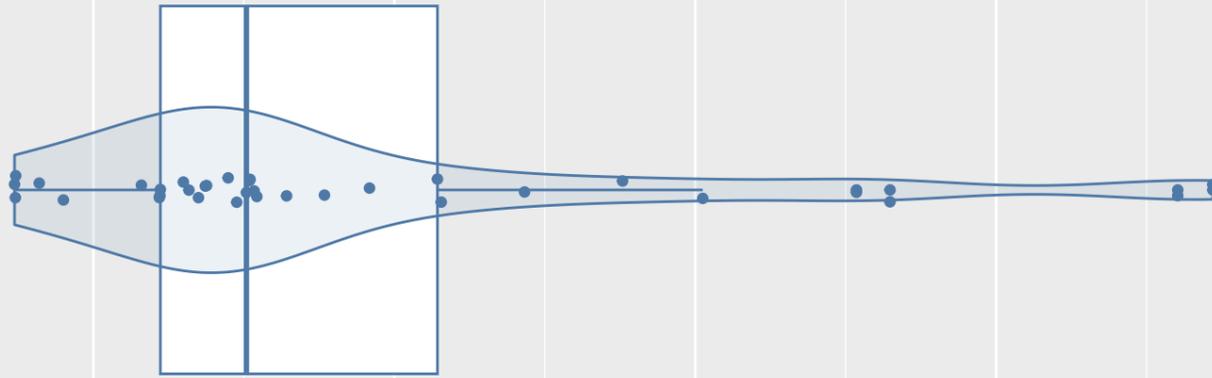


1.80 1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.25

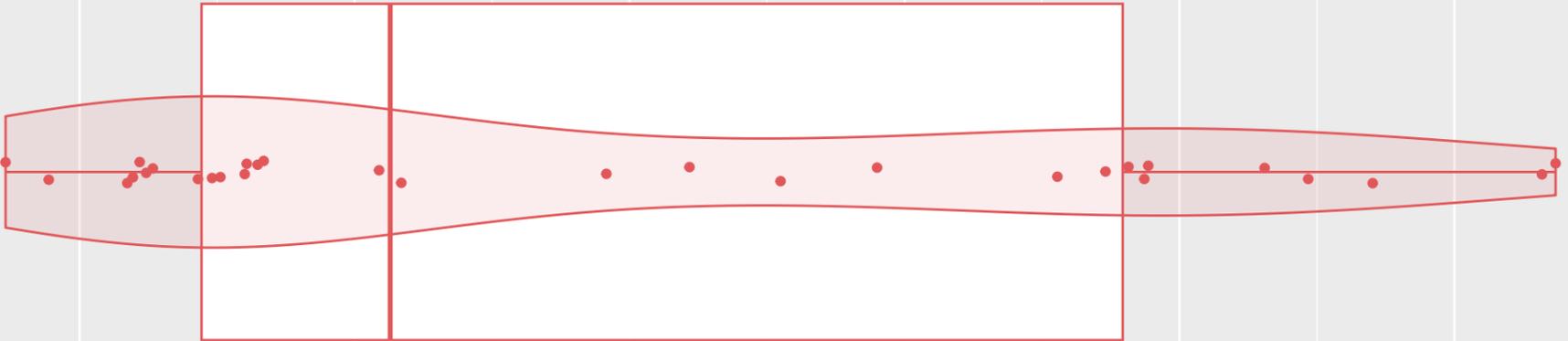
Duration, seconds

RT Version barriers trunk trunk+backports

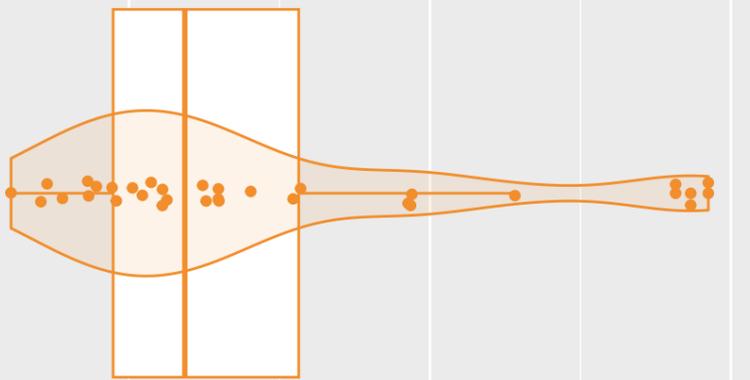
barriers



trunk+backports



trunk

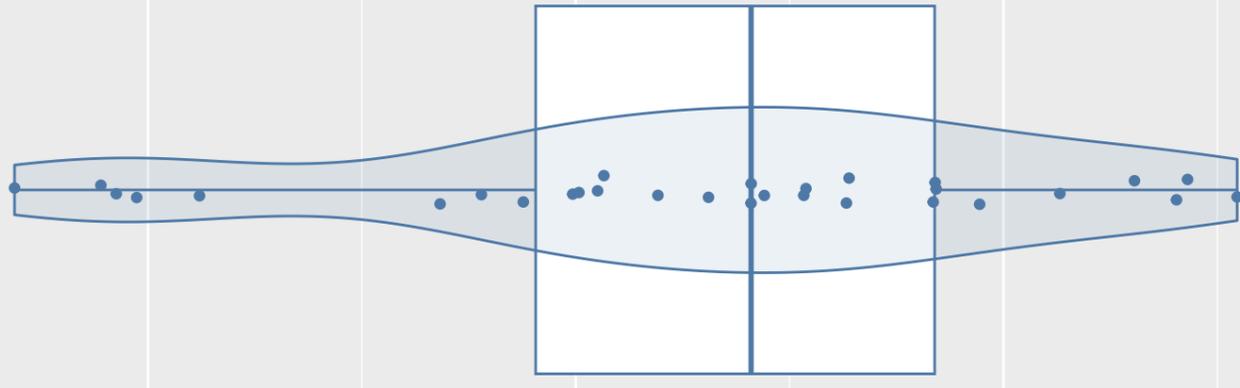


0.90 0.95 1.00 1.05 1.10 1.15 1.20 1.25 1.30

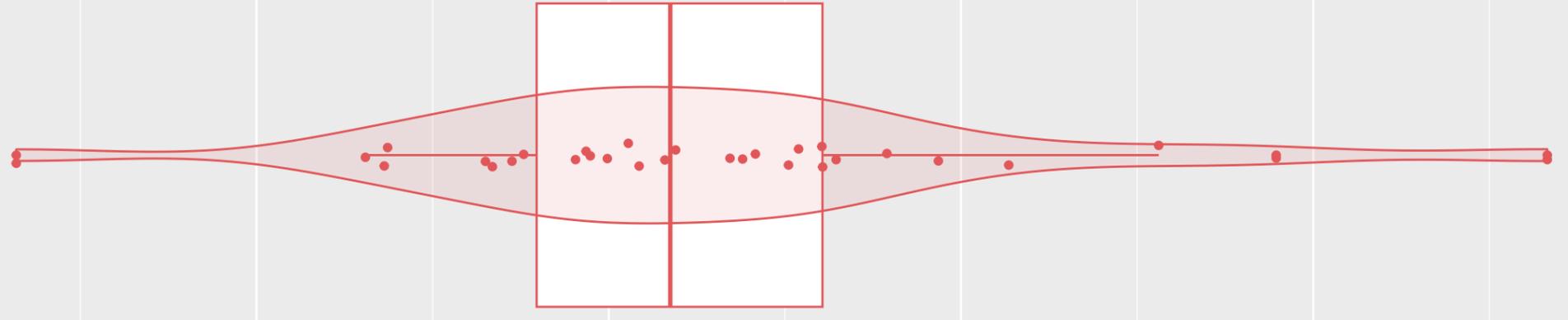
Duration, seconds

memory-model/publish

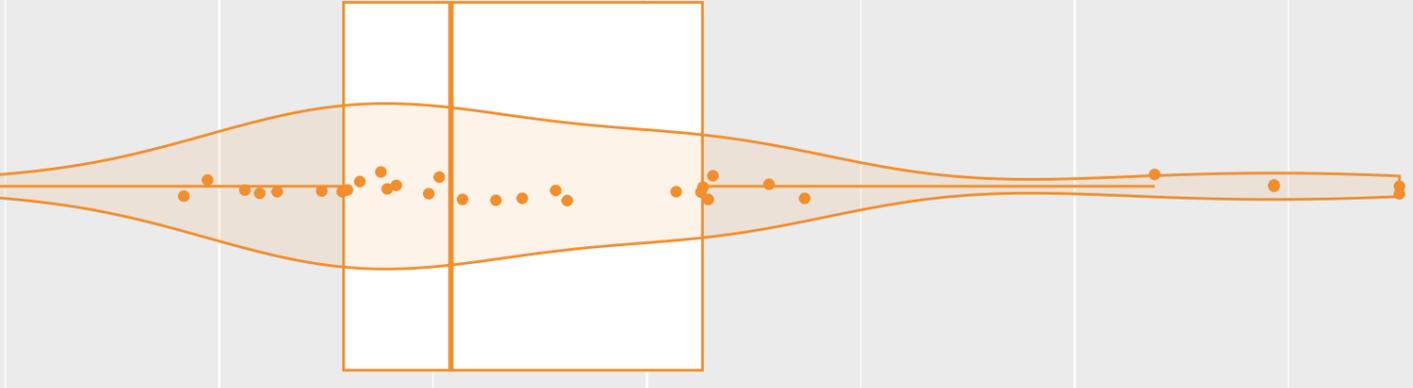
barriers



trunk+backports



trunk



1.30

1.35

1.40

1.45

1.50

1.55

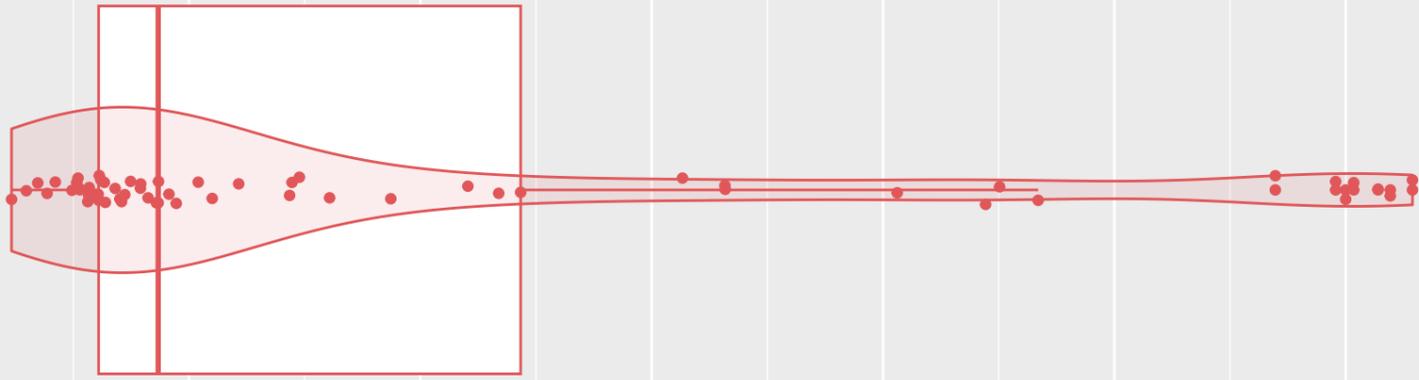
1.60

Duration, seconds

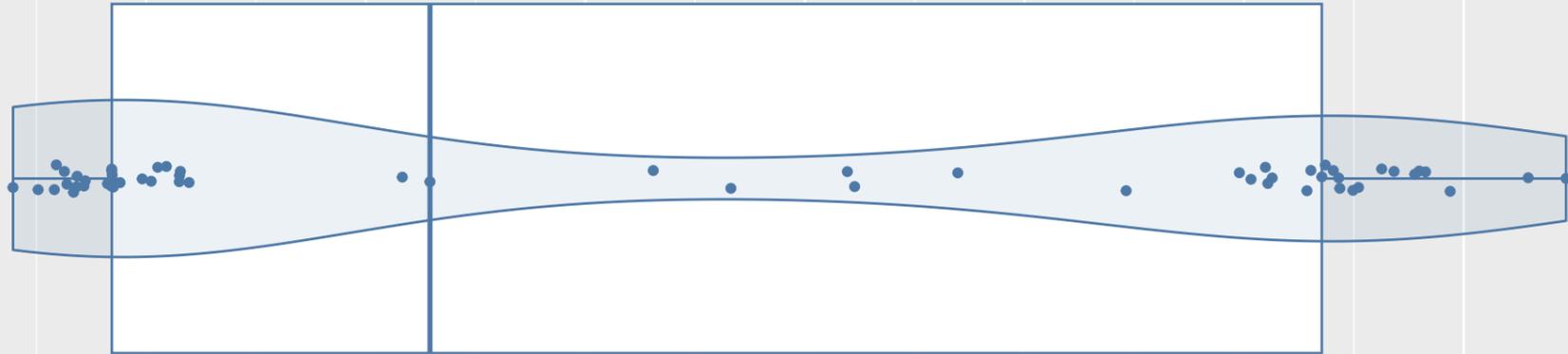
RT Version ■ barriers ■ trunk ■ trunk+backports

lib-runtime-events/test_instrumented

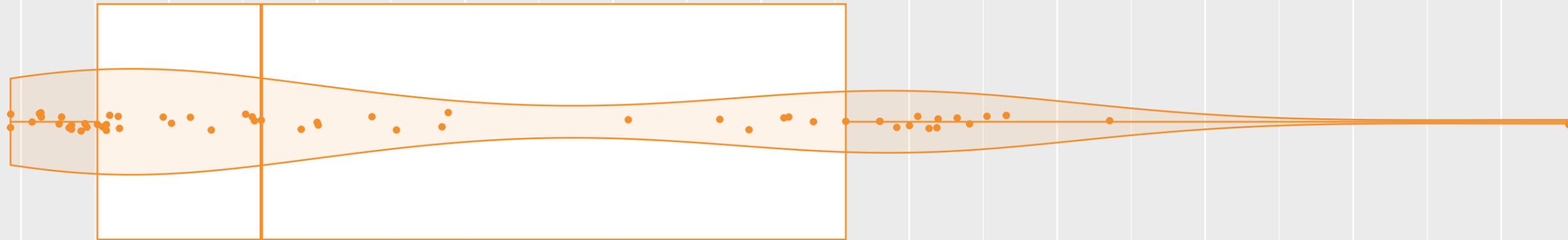
trunk+backports



barriers



trunk



0.110 0.115 0.120 0.125 0.130 0.135 0.140 0.145 0.150 0.155 0.160 0.165 0.170

Duration, seconds

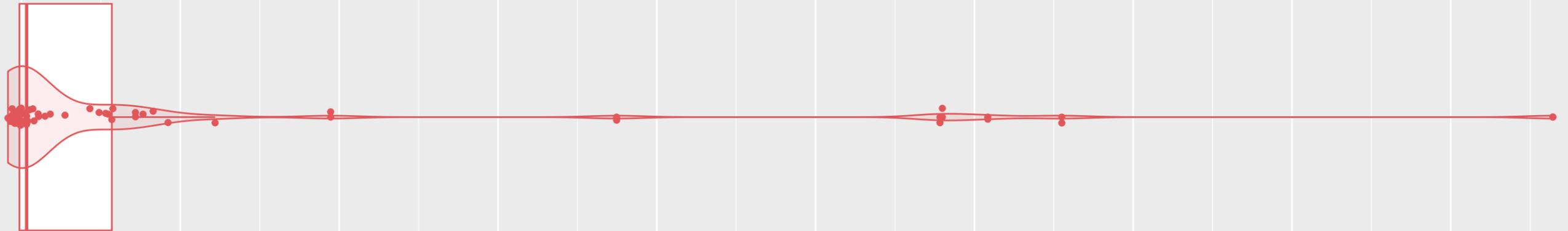
RT Version ■ barriers ■ trunk ■ trunk+backports

lib-set/testset

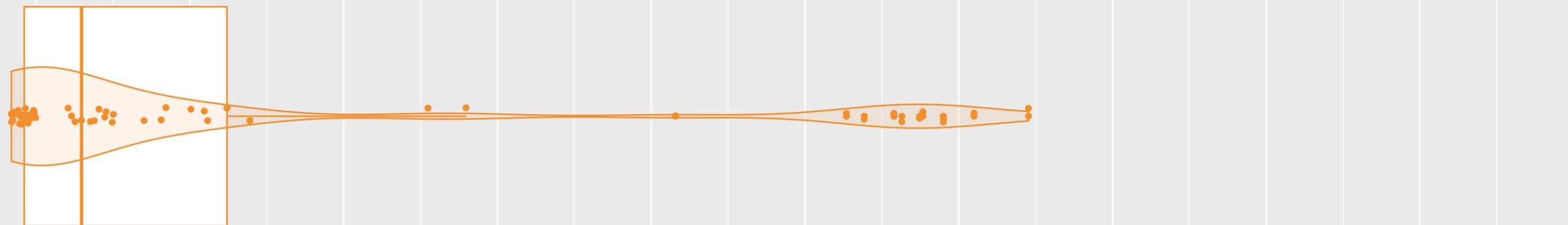
barriers



trunk+backports



trunk

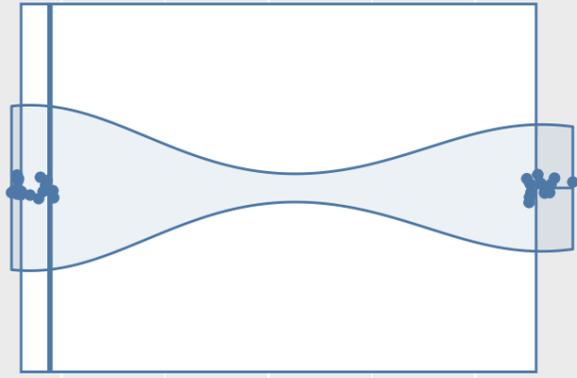


Duration, seconds

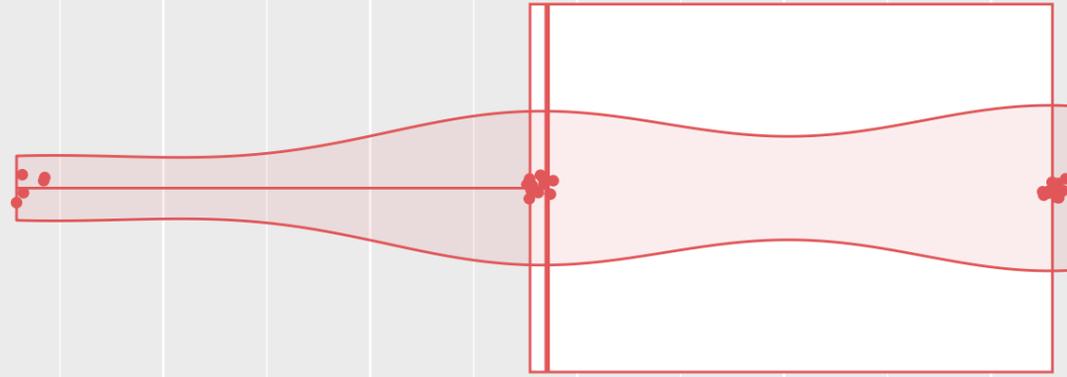
RT Version ■ barriers ■ trunk ■ trunk+backports

parallel/fib_threads

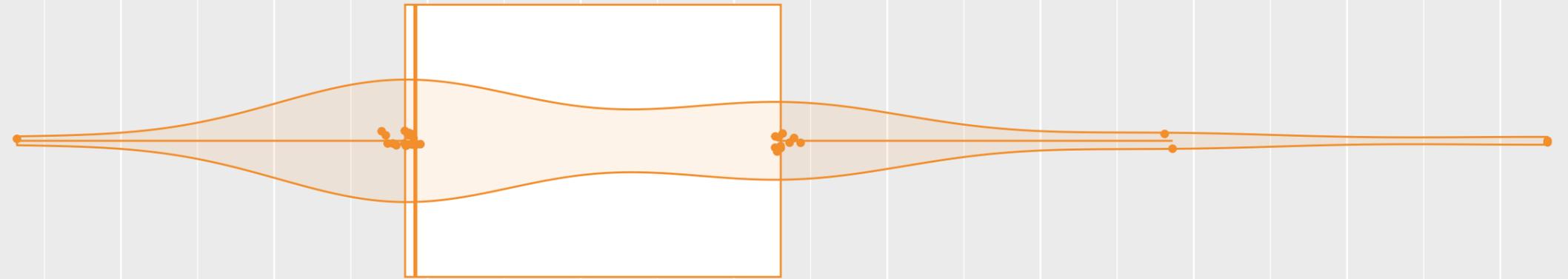
barriers



trunk+backports



trunk



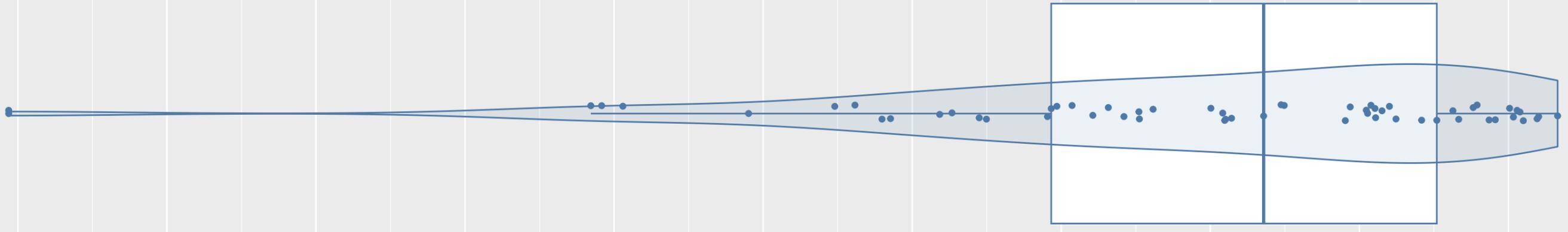
1.46 1.48 1.50 1.52 1.54 1.56 1.58 1.60 1.62 1.64 1.66 1.68 1.70

Duration, seconds

RT Version ■ barriers ■ trunk ■ trunk+backports

lib-random/parallel

barriers



trunk+backports



trunk



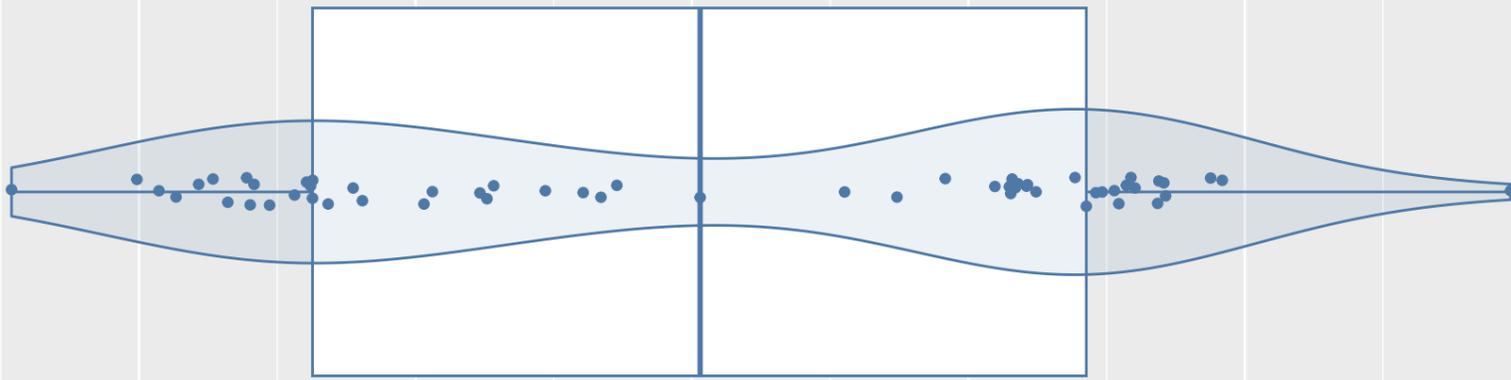
0.30 0.32 0.34 0.36 0.38 0.40 0.42 0.44 0.46 0.48 0.50

Duration, seconds

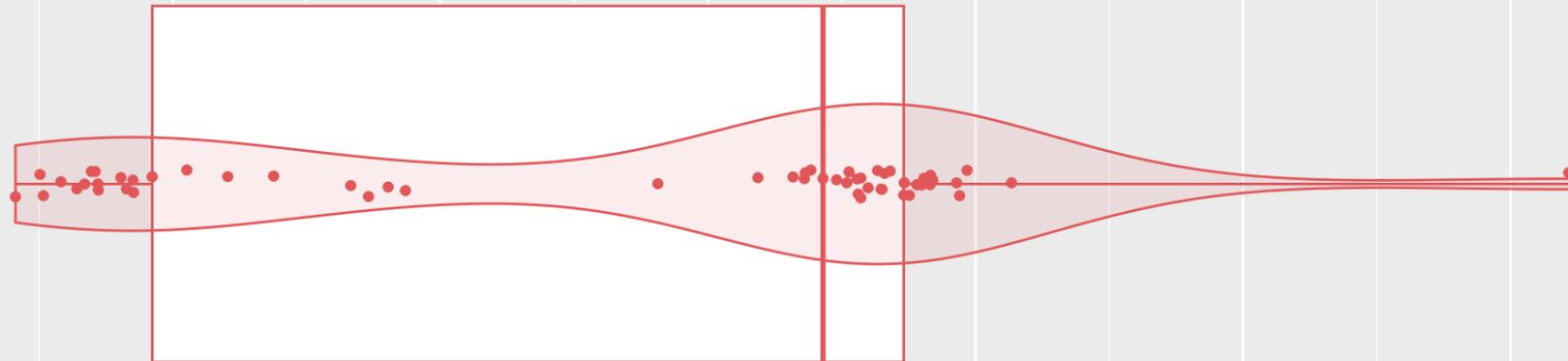
RT Version ■ barriers ■ trunk ■ trunk+backports

gc-roots/globroots_sequential

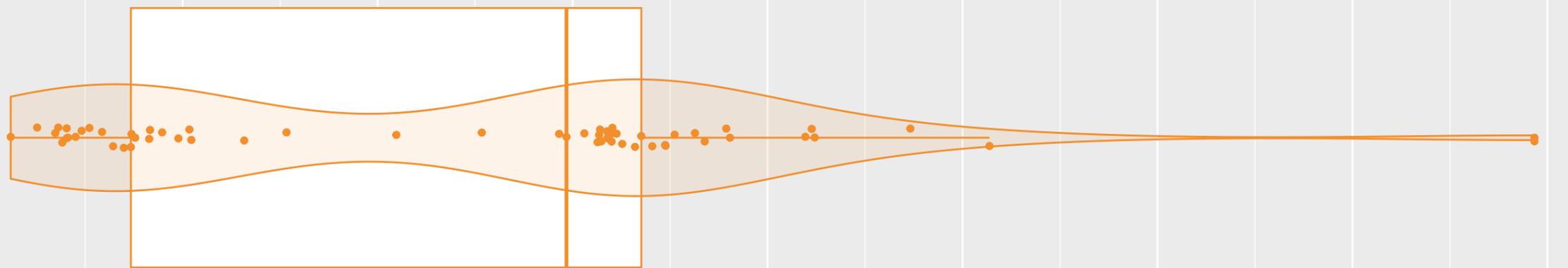
barriers



trunk+backports



trunk



0.39

0.40

0.41

0.42

0.43

0.44

0.45

0.46

0.47

0.48

Duration, seconds

RT Version



barriers



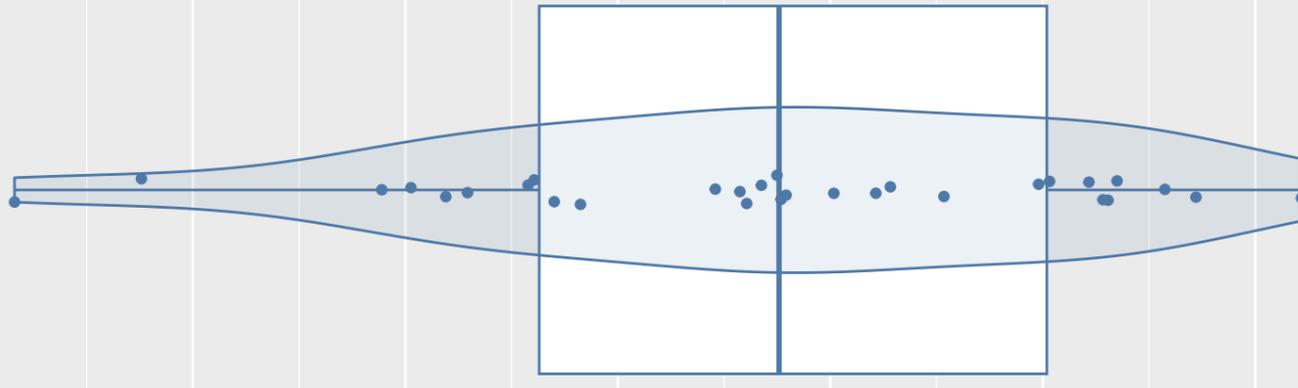
trunk



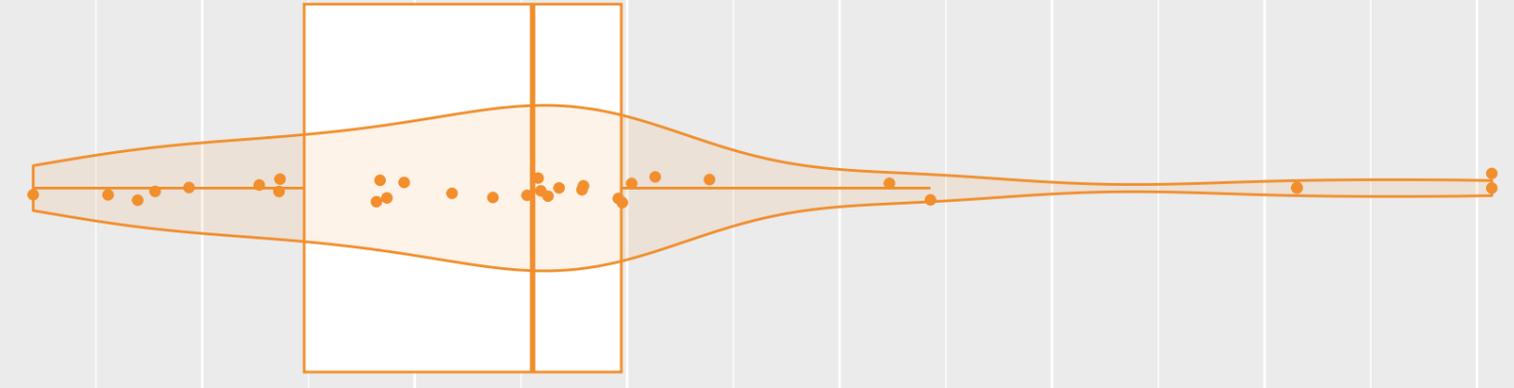
trunk+backports

If_skiplist/test_parallel

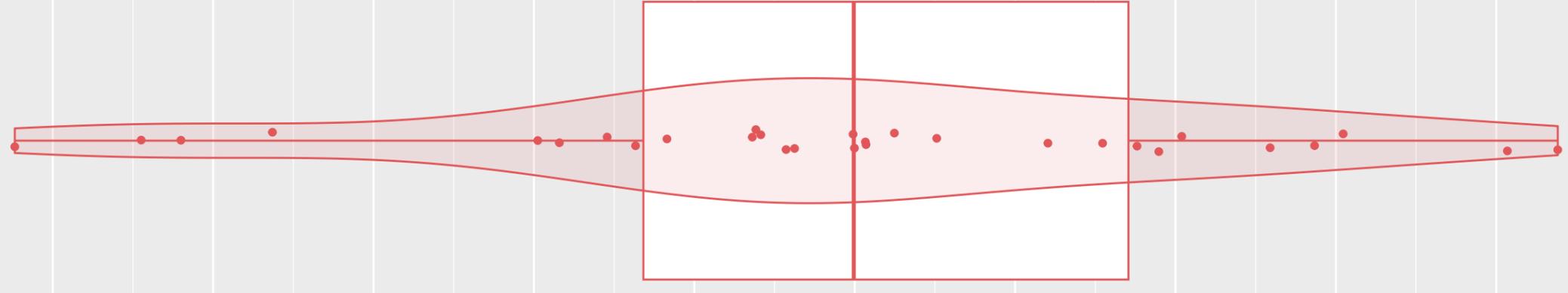
barriers



trunk



trunk+backports



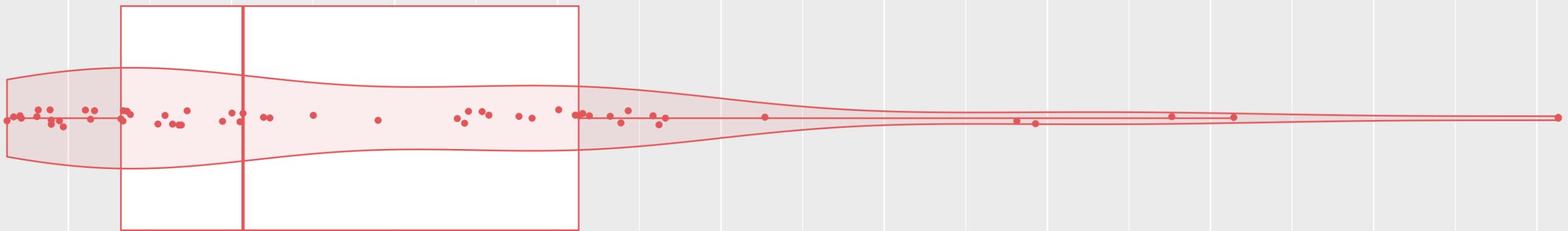
3.65 3.70 3.75 3.80 3.85 3.90 3.95 4.00 4.05 4.10 4.15 4.20 4.25

Duration, seconds

RT Version barriers trunk trunk+backports

lib-bytes-utf/test

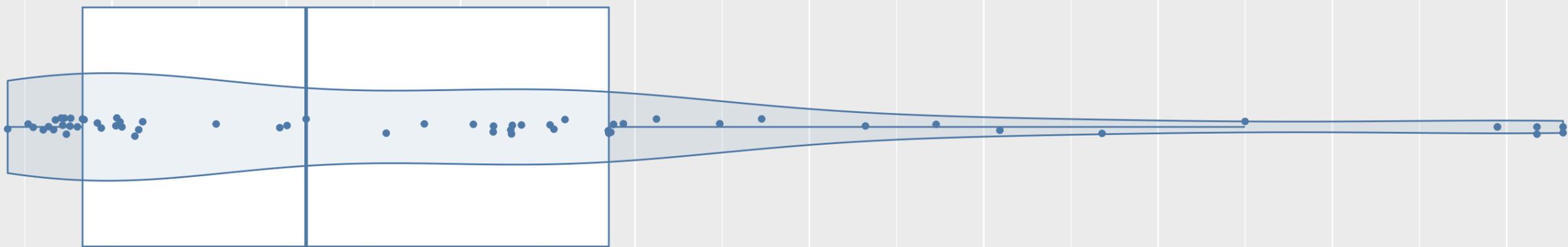
trunk+backports



trunk



barriers



0.33

0.34

0.35

0.36

0.37

0.38

0.39

0.40

0.41

0.42

Duration, seconds

RT Version



barriers



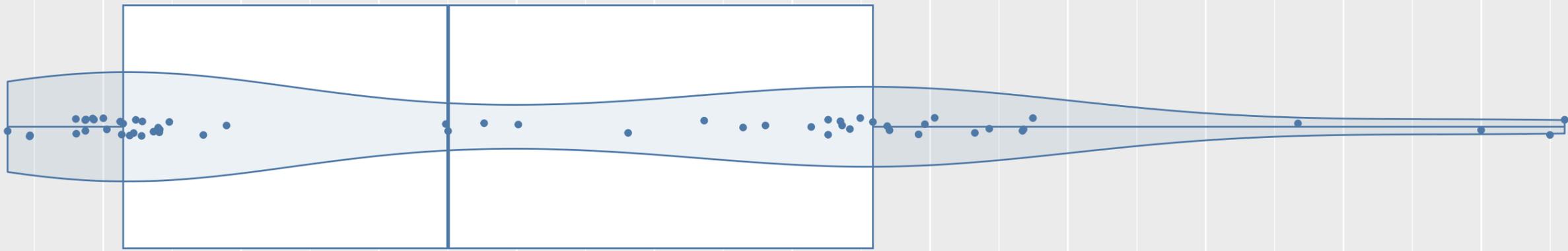
trunk



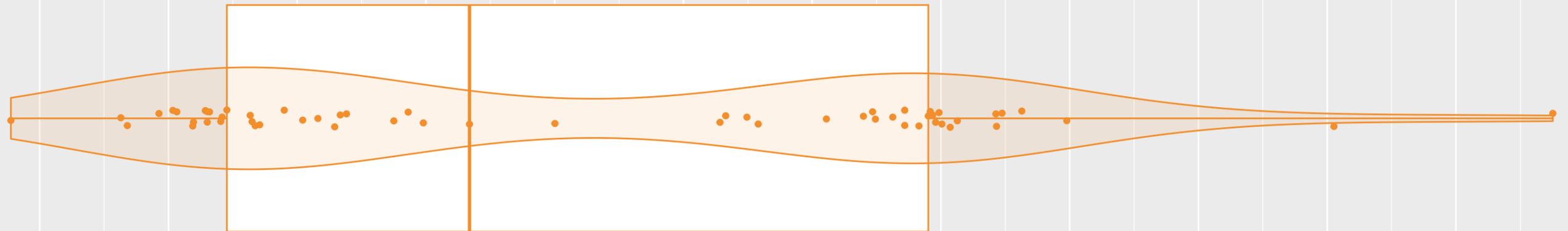
trunk+backports

lib-hashtbl/htbl

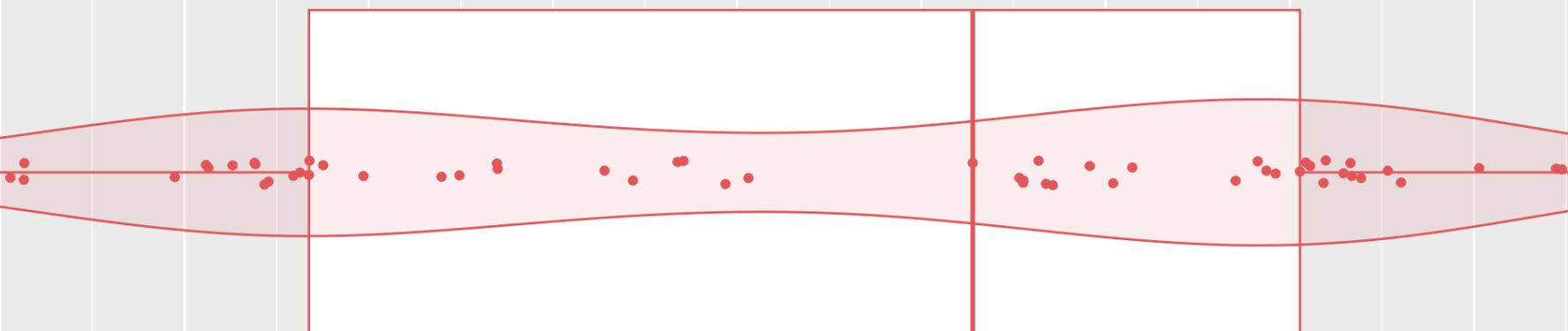
barriers



trunk



trunk+backports



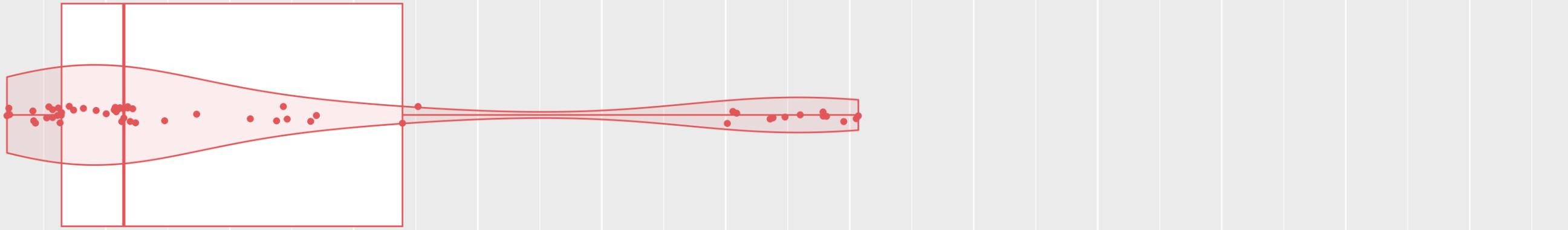
0.175 0.180 0.185 0.190 0.195 0.200 0.205 0.210 0.215 0.220 0.225 0.230 0.235 0.240

Duration, seconds

RT Version barriers trunk trunk+backports

weak-ephe-final/weaklifetime2

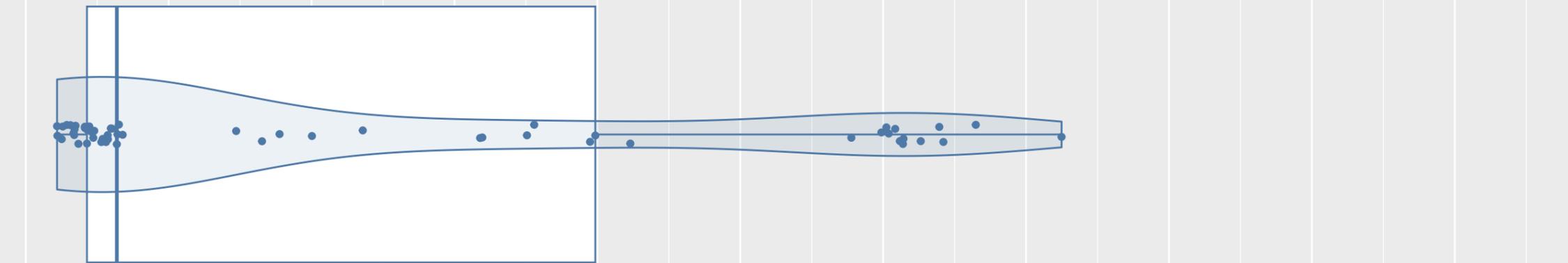
trunk+backports



trunk



barriers



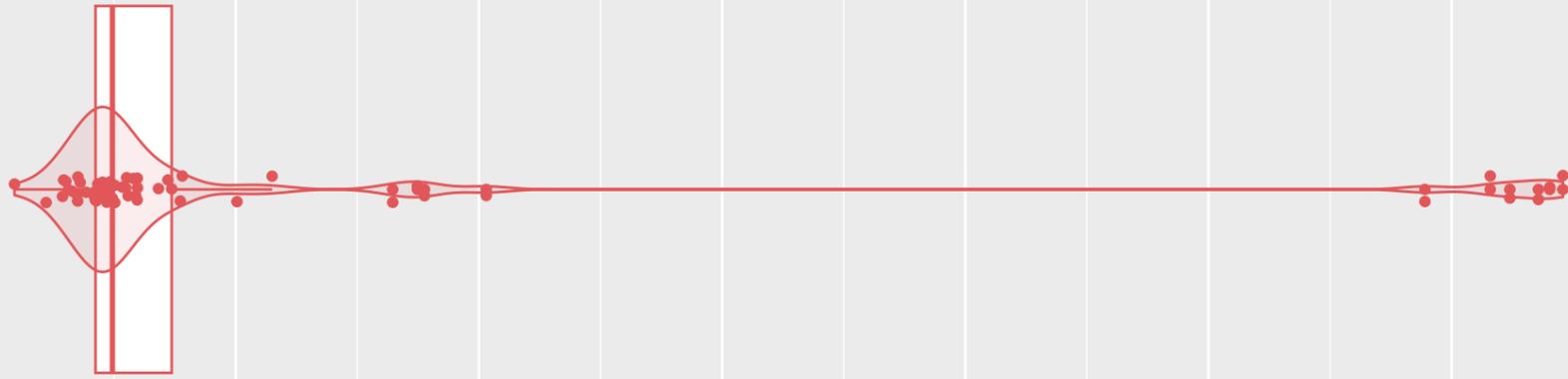
0.105 0.110 0.115 0.120 0.125 0.130 0.135 0.140 0.145 0.150 0.155 0.160 0.165 0.170

Duration, seconds

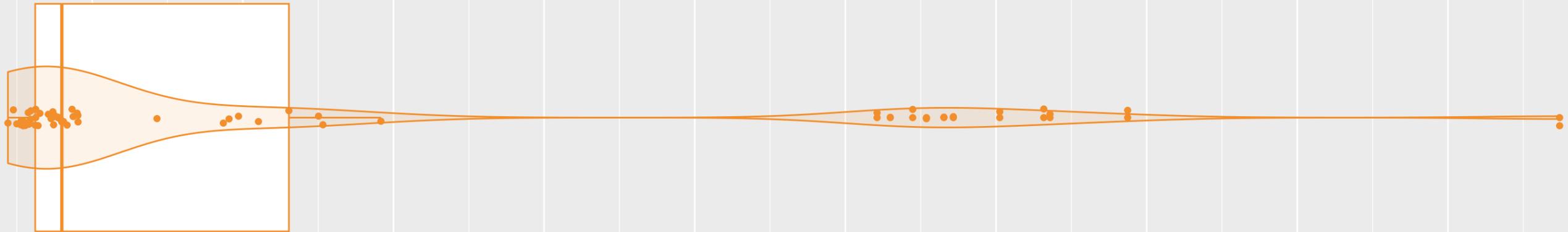
RT Version ■ barriers ■ trunk ■ trunk+backports

misc/sorts

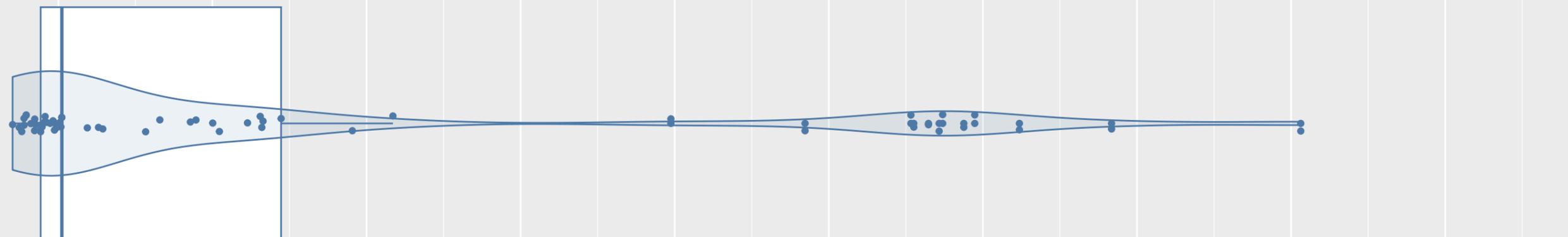
trunk+backports



trunk



barriers



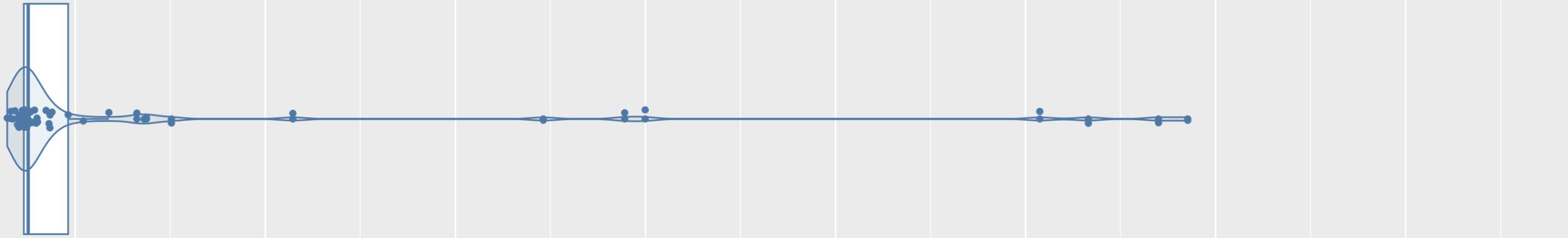
0.185 0.190 0.195 0.200 0.205 0.210 0.215 0.220 0.225 0.230 0.235 0.240

Duration, seconds

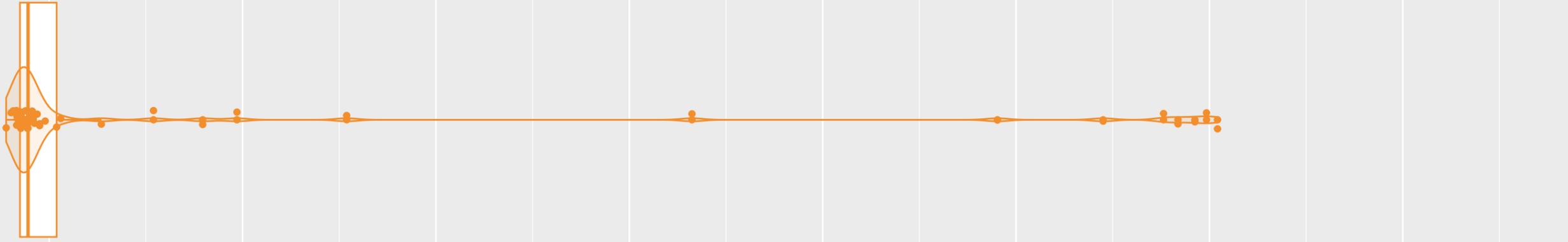
RT Version barriers trunk trunk+backports

lib-set/testmap

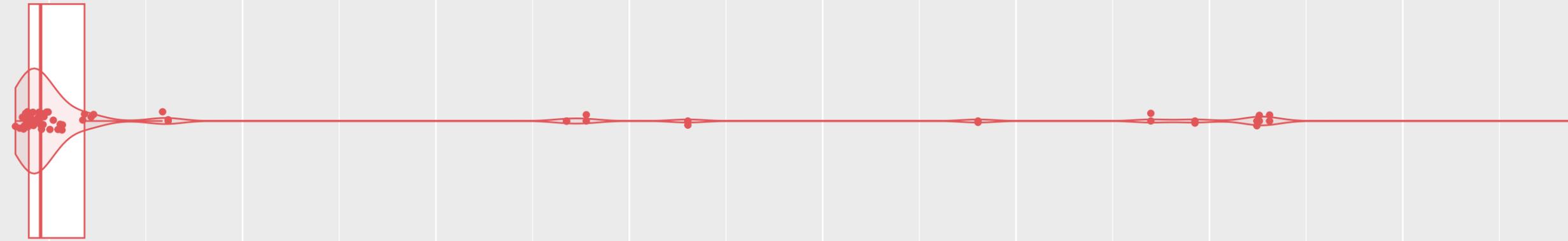
barriers



trunk



trunk+backports



0.080

0.085

0.090

0.095

0.100

0.105

0.110

0.115

0.120

Duration, seconds

RT Version



barriers



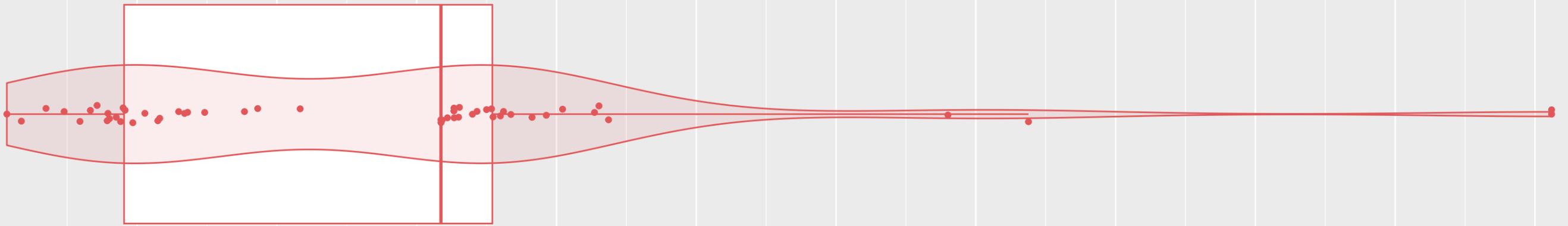
trunk



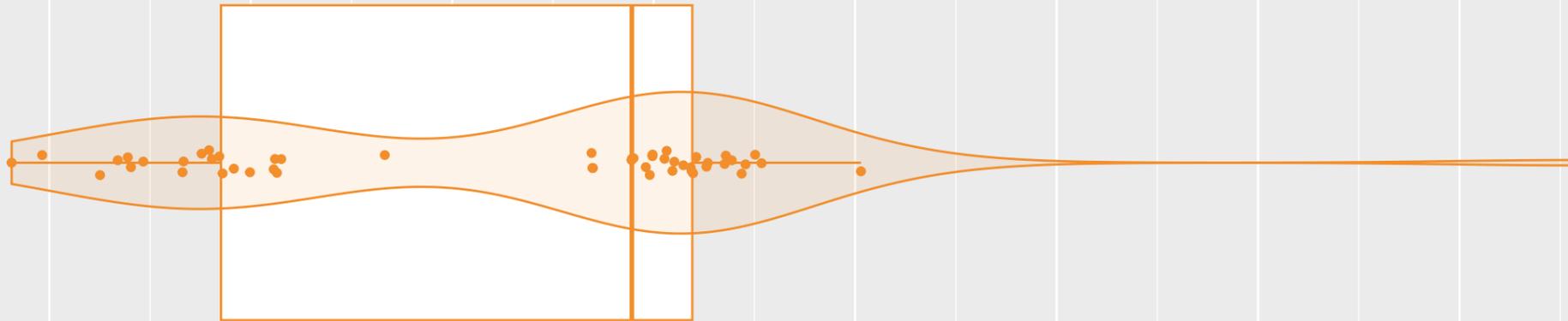
trunk+backports

unboxed-primitive-args/test

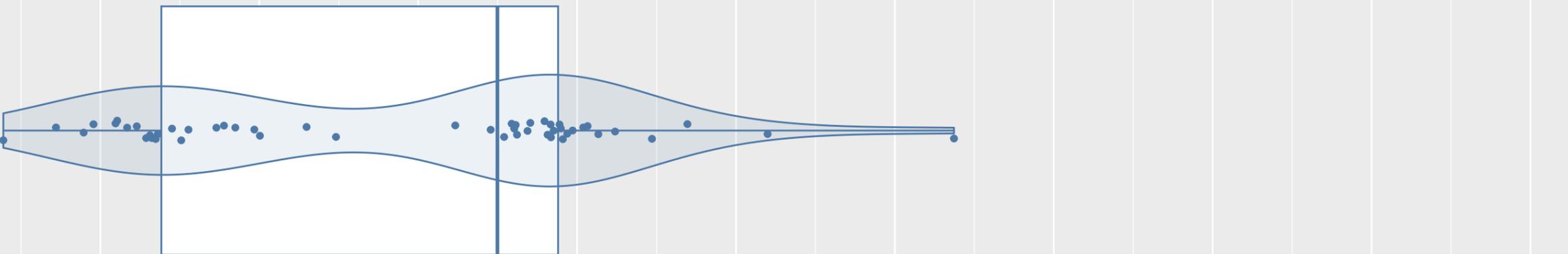
trunk+backports



trunk



barriers



0.58

0.59

0.60

0.61

0.62

0.63

0.64

0.65

0.66

0.67

0.68

0.69

Duration, seconds

RT Version



barriers



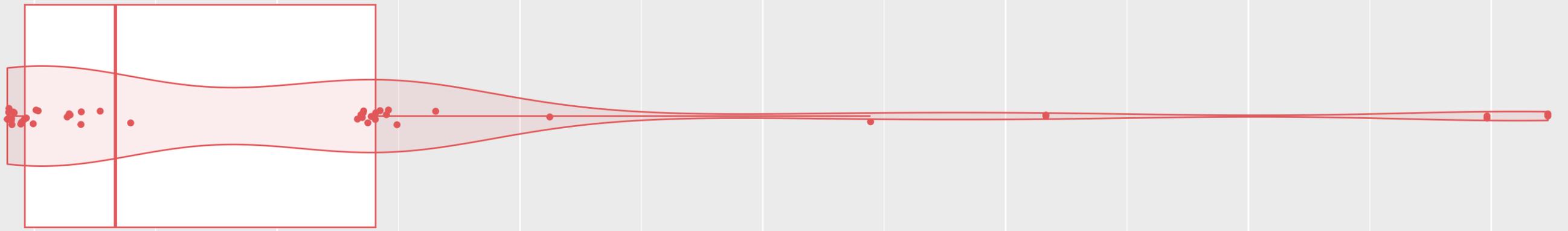
trunk



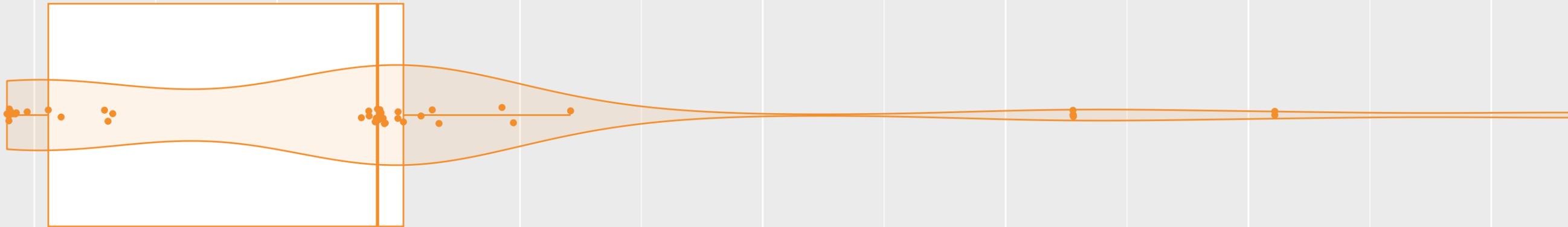
trunk+backports

basic/tailcalls

trunk+backports



trunk



barriers



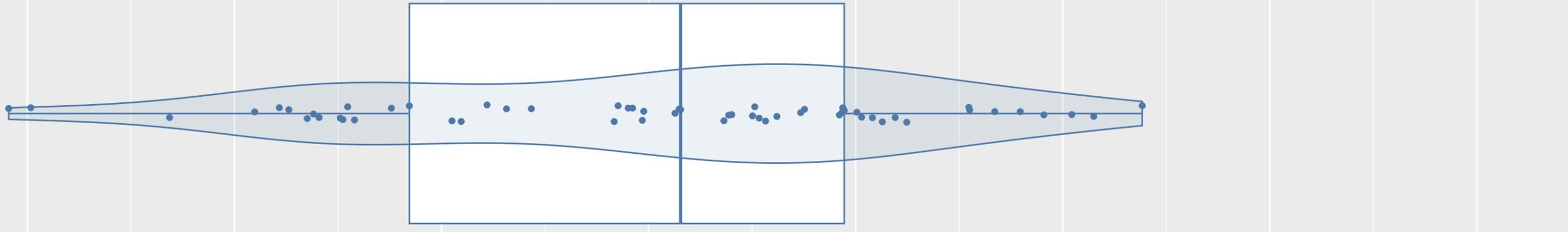
0.74 0.76 0.78 0.80 0.82 0.84 0.86

Duration, seconds

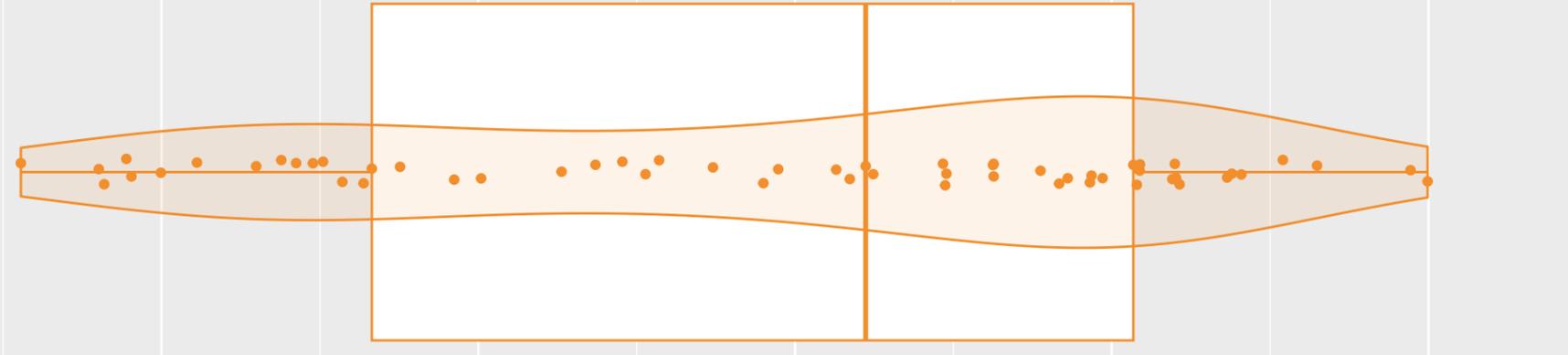
RT Version ■ barriers ■ trunk ■ trunk+backports

parallel/poll

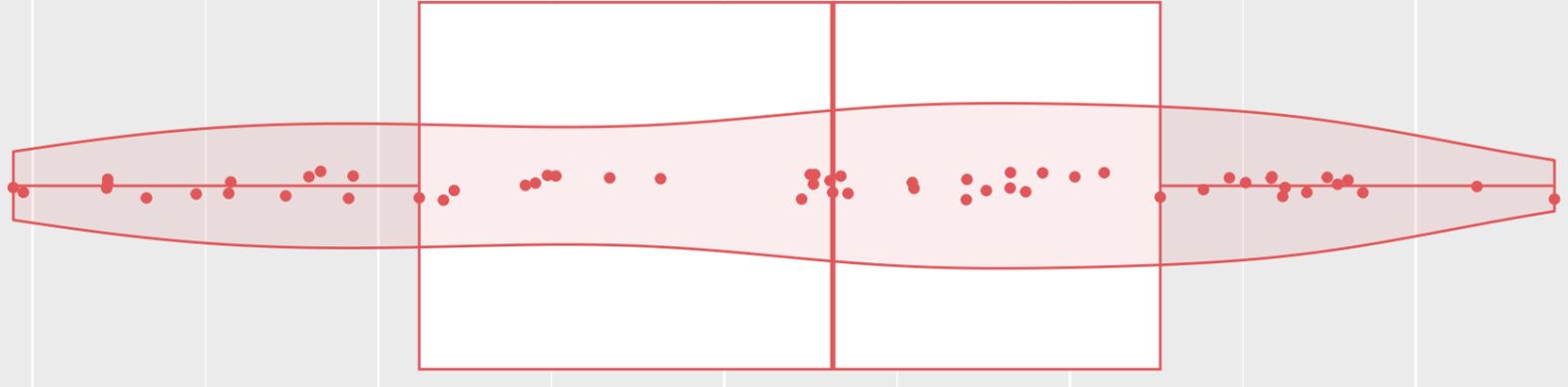
barriers



trunk



trunk+backports



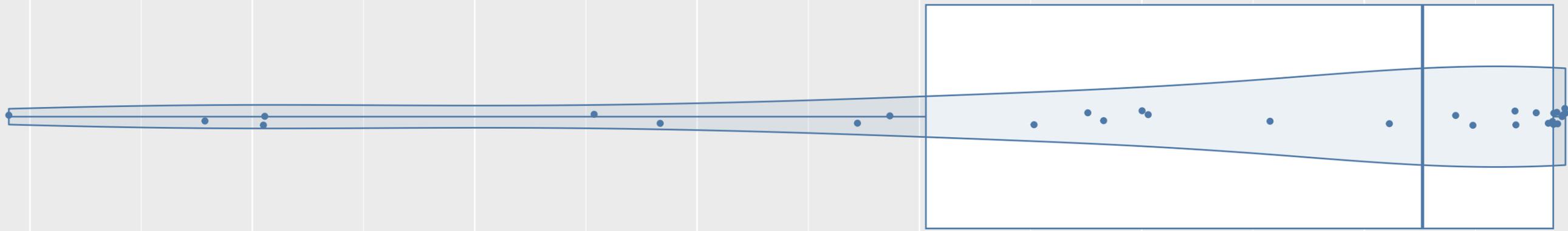
0.505 0.506 0.507 0.508 0.509 0.510 0.511 0.512

Duration, seconds

RT Version ■ barriers ■ trunk ■ trunk+backports

lib-systhreads/boundscheck

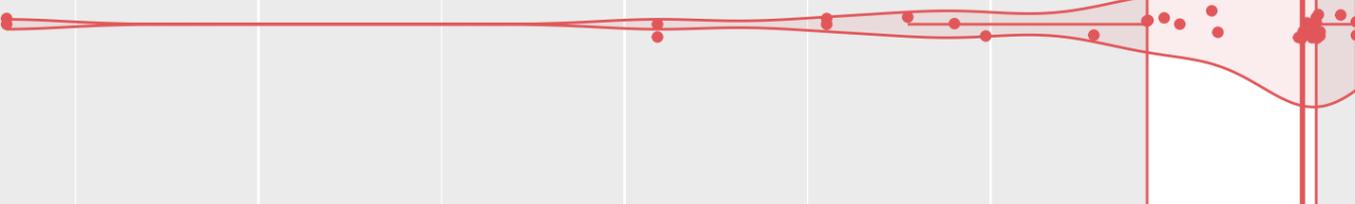
barriers



trunk



trunk+backports



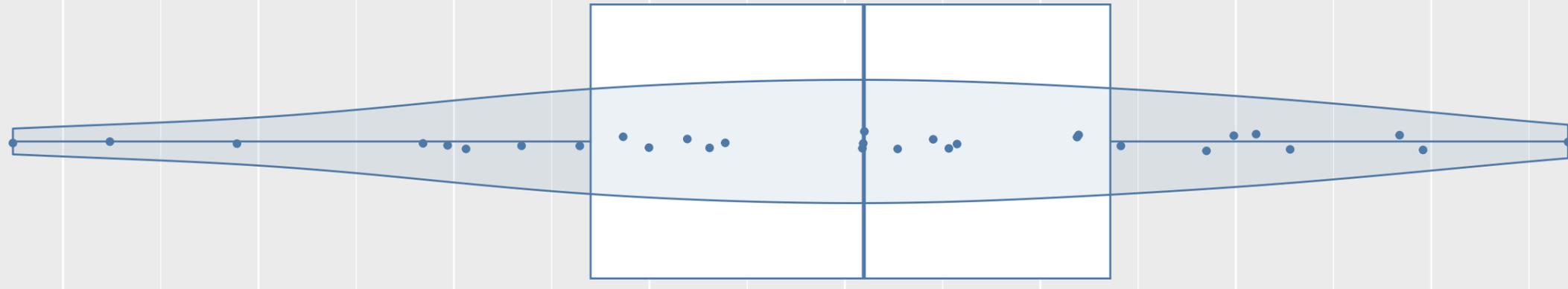
8.6 8.8 9.0 9.2 9.4 9.6 9.8 10.0

Duration, seconds

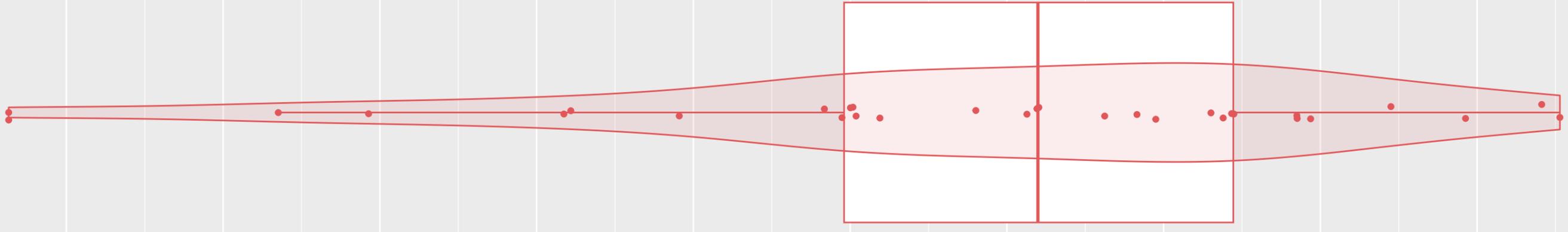
RT Version barriers trunk trunk+backports

parallel/multicore_systhreads

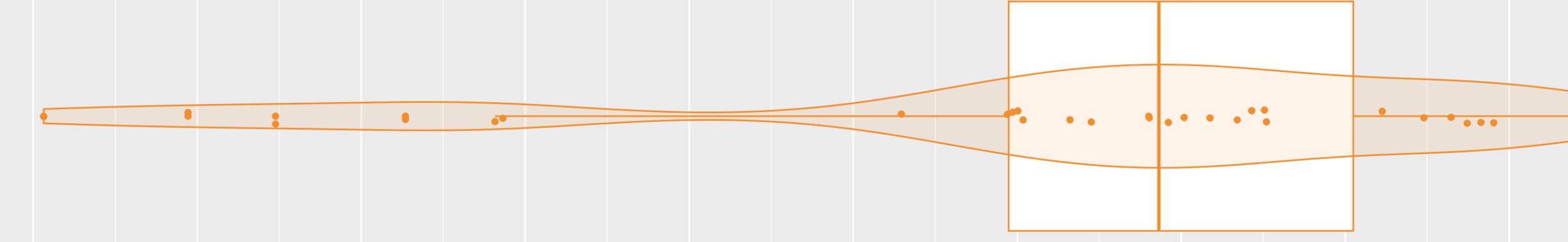
barriers



trunk+backports



trunk



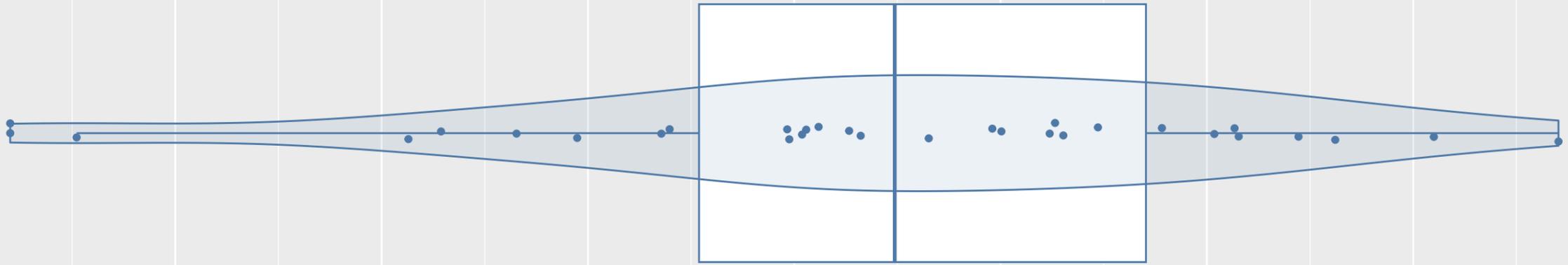
3.0090 3.0095 3.0100 3.0105 3.0110 3.0115 3.0120 3.0125 3.0130 3.0135 3.0140

Duration, seconds

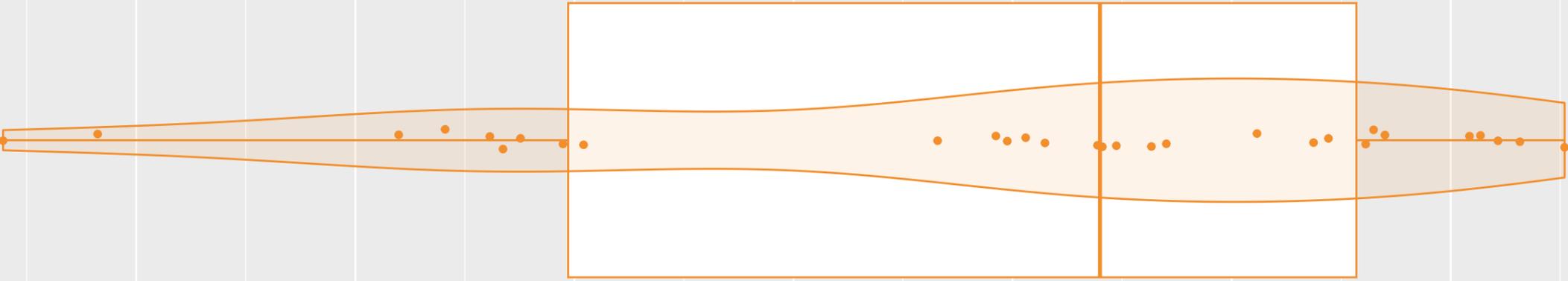
RT Version ■ barriers ■ trunk ■ trunk+backports

parallel/backup_thread_pipe

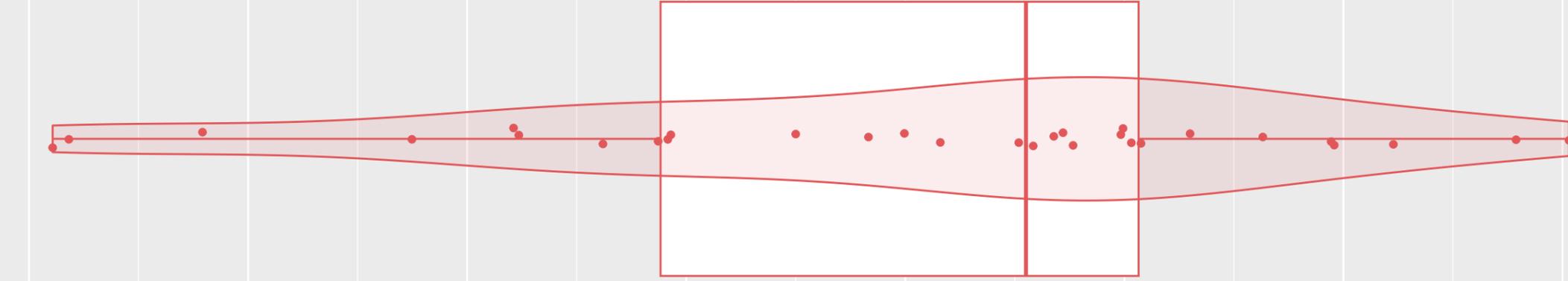
barriers



trunk



trunk+backports



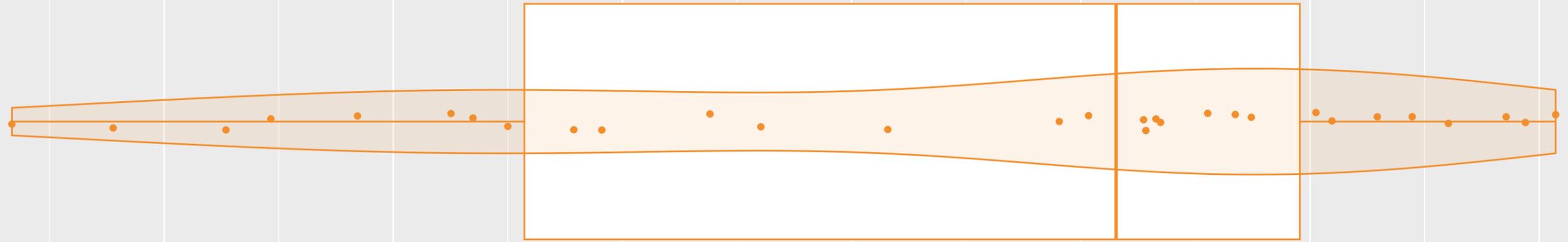
3.0035 3.0040 3.0045 3.0050 3.0055 3.0060 3.0065 3.0070 3.0075 3.0080

Duration, seconds

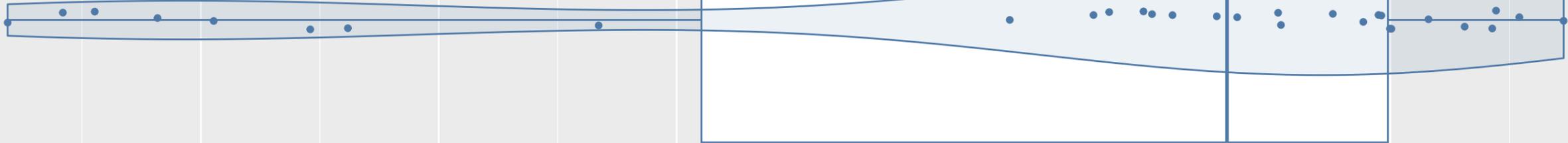
RT Version ■ barriers ■ trunk ■ trunk+backports

backtrace/backtrace_systhreads

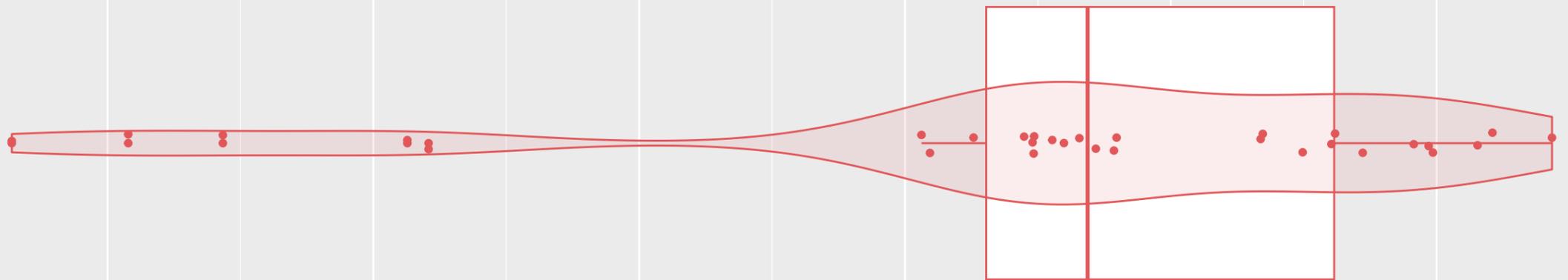
trunk



barriers



trunk+backports



3.0025

3.0030

3.0035

3.0040

3.0045

3.0050

3.0055

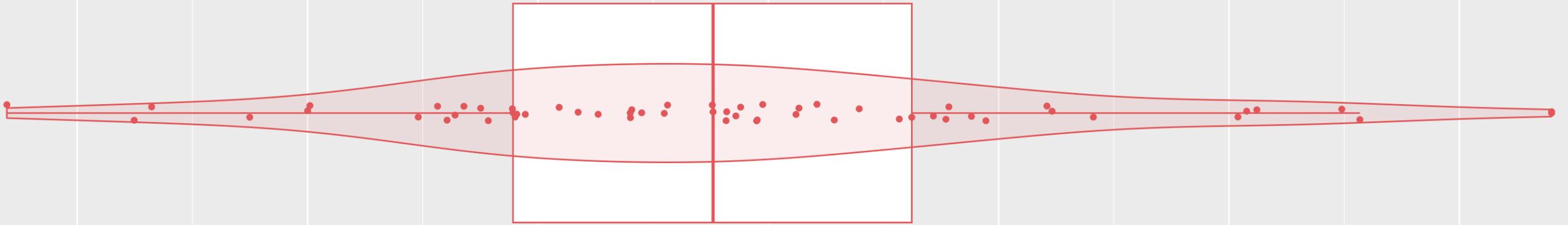
3.0060

Duration, seconds

RT Version ■ barriers ■ trunk ■ trunk+backports

lib-systhreads/testyield

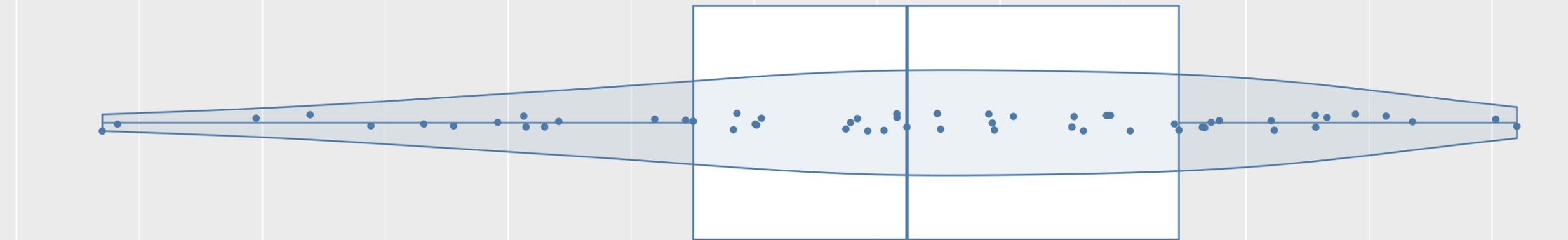
trunk+backports



trunk



barriers



0.25

0.30

0.35

0.40

0.45

0.50

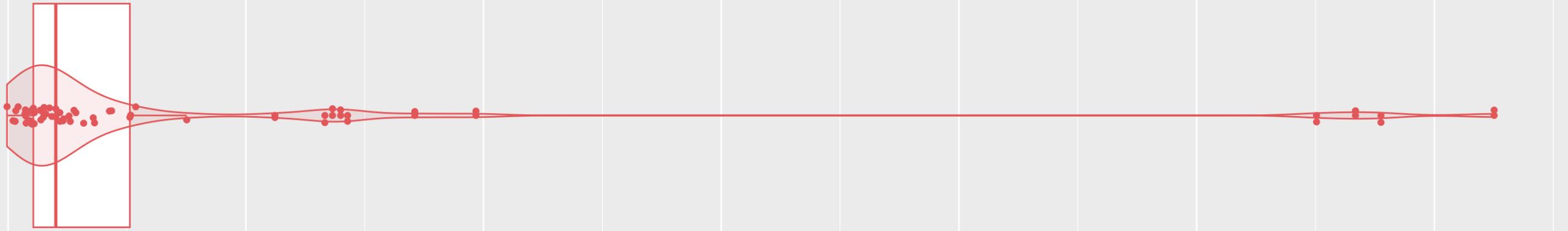
0.55

Duration, seconds

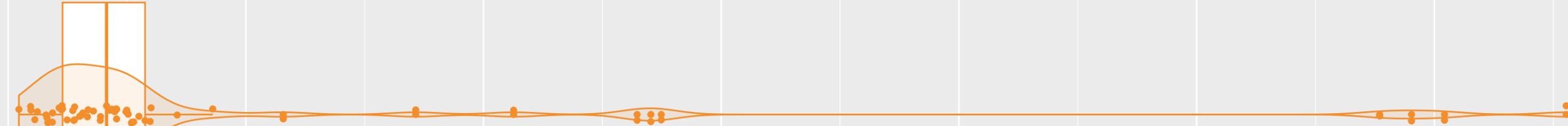
RT Version ■ barriers ■ trunk ■ trunk+backports

misc/hamming

trunk+backports



trunk



barriers



0.080

0.085

0.090

0.095

0.100

0.105

0.110

Duration, seconds

RT Version



barriers



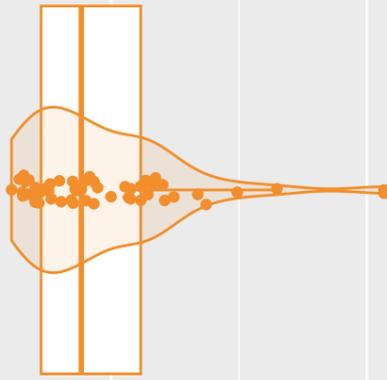
trunk



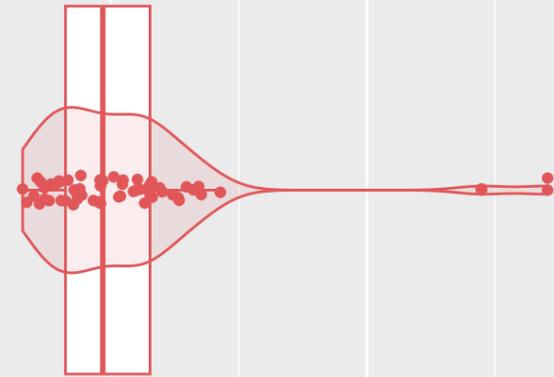
trunk+backports

lib-systhreads/eintr

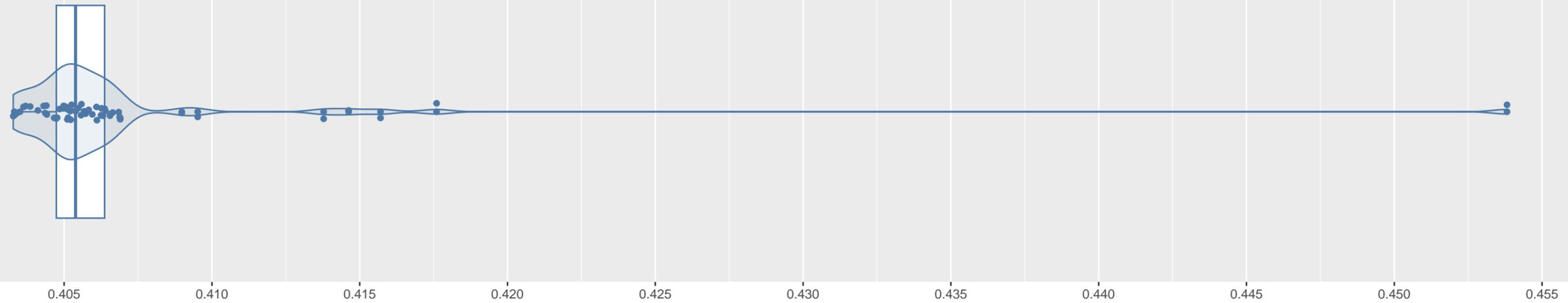
trunk



trunk+backports



barriers

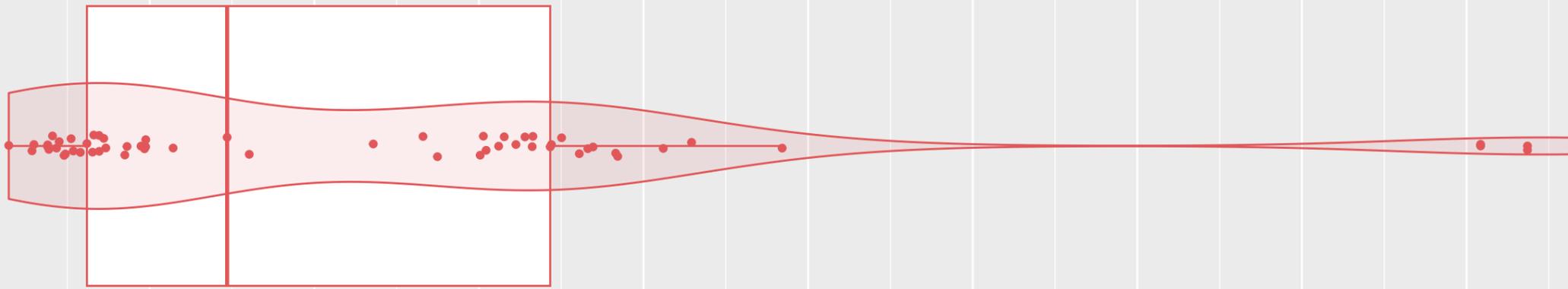


Duration, seconds

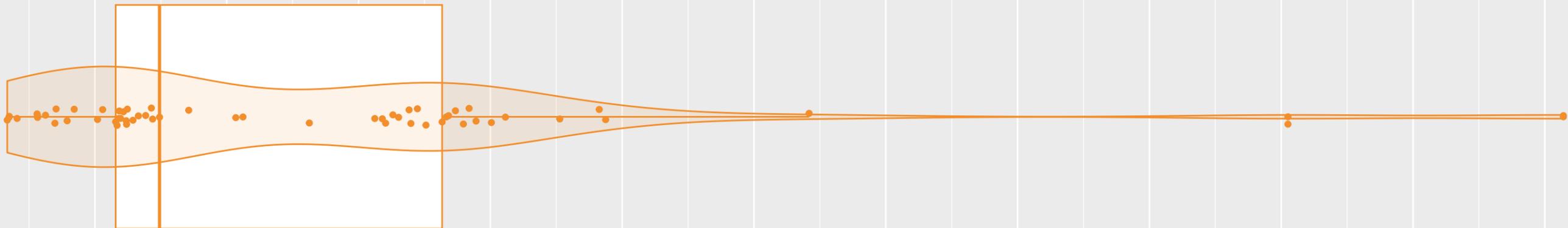
RT Version ■ barriers ■ trunk ■ trunk+backports

lib-buffer/test

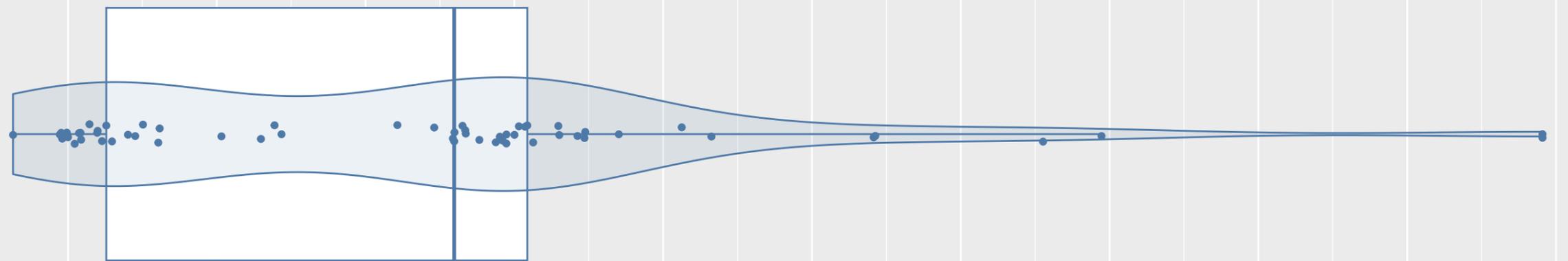
trunk+backports



trunk



barriers



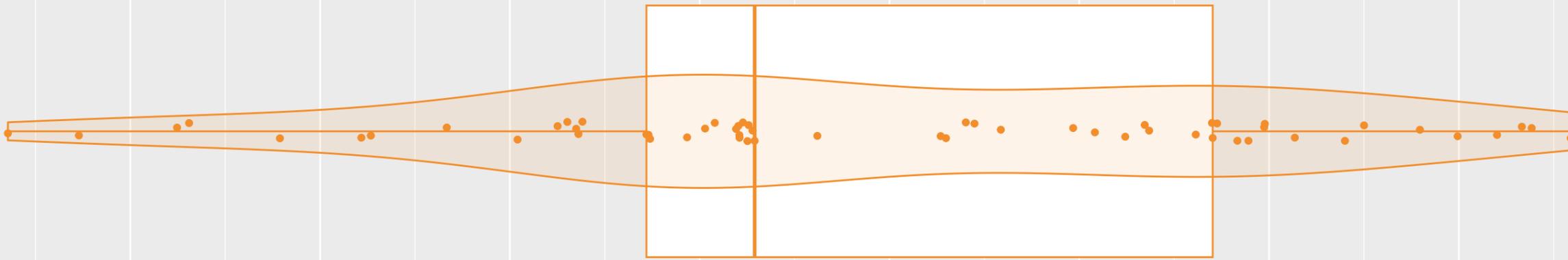
0.35 0.36 0.37 0.38 0.39 0.40 0.41 0.42 0.43 0.44 0.45 0.46 0.47

Duration, seconds

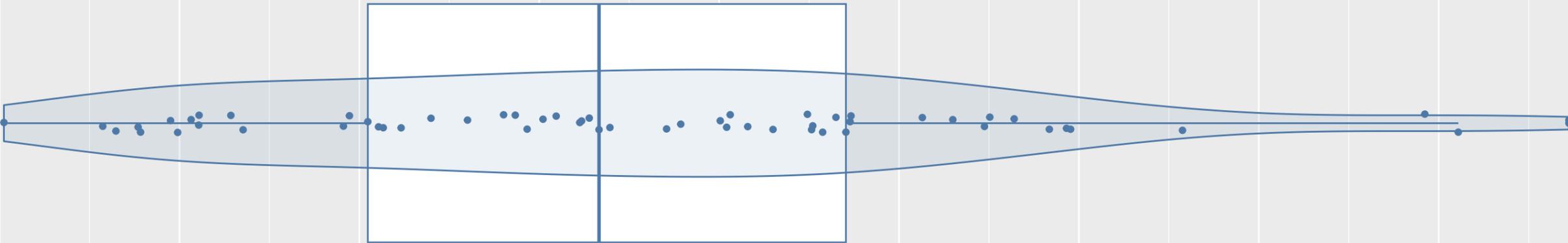
RT Version ■ barriers ■ trunk ■ trunk+backports

weak-ephe-final/finaliser_handover

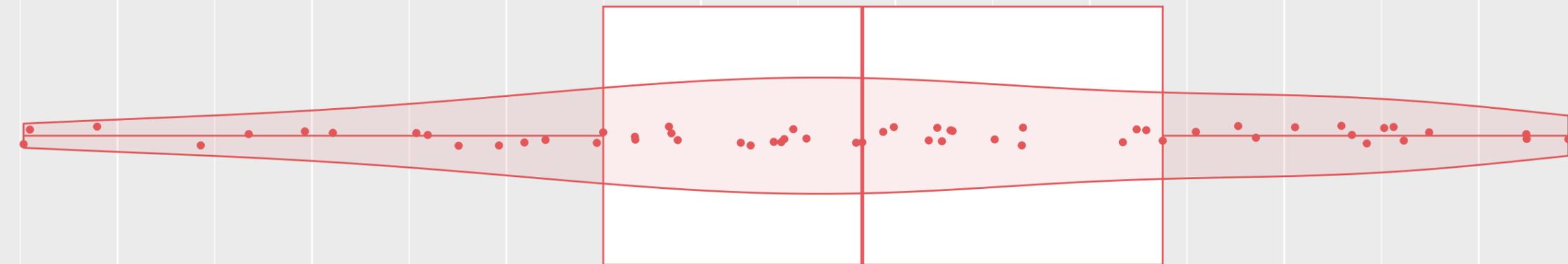
trunk



barriers



trunk+backports

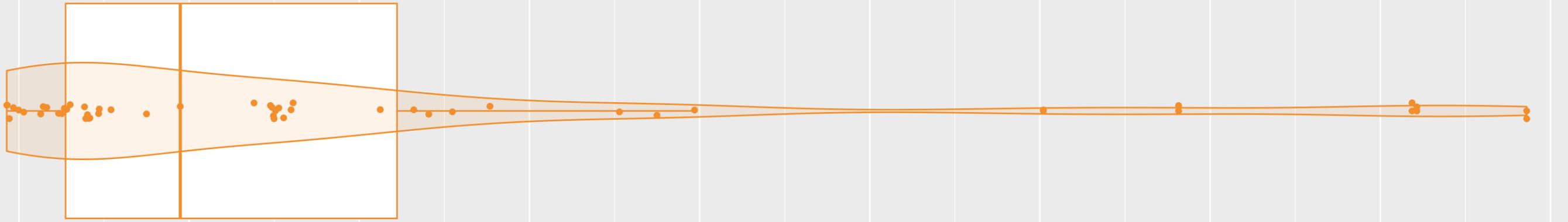


Duration, seconds

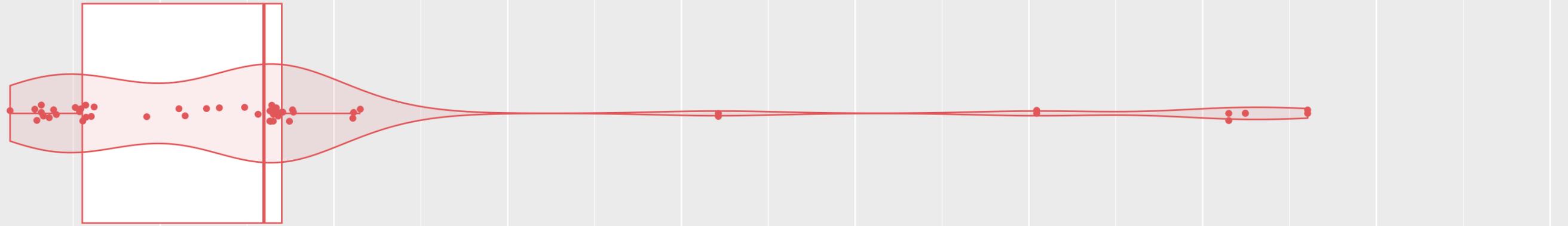
RT Version ■ barriers ■ trunk ■ trunk+backports

match-exception/streams

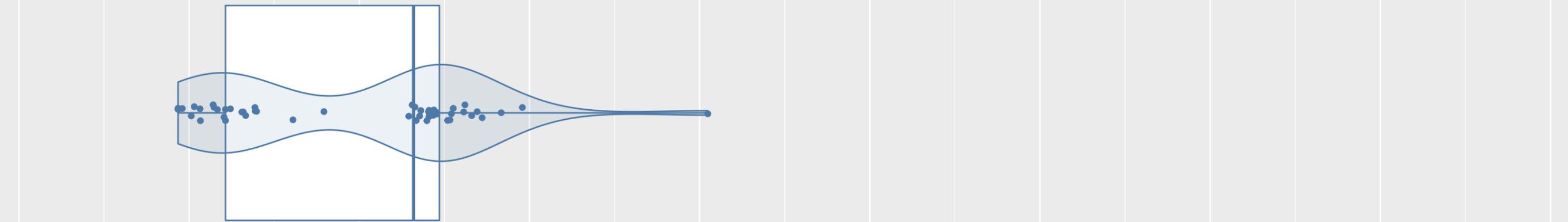
trunk



trunk+backports



barriers



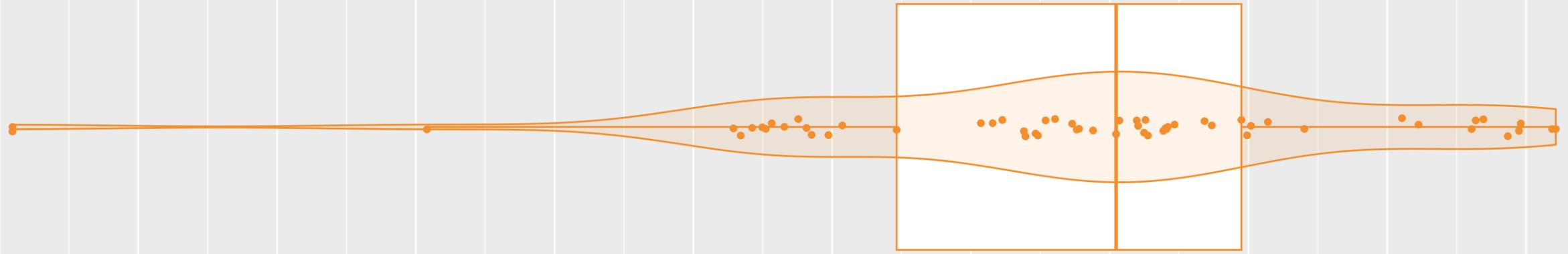
0.62 0.64 0.66 0.68 0.70 0.72 0.74 0.76 0.78 0.80

Duration, seconds

RT Version ■ barriers ■ trunk ■ trunk+backports

lib-runtime-events/test_dropped_events

trunk



trunk+backports



barriers



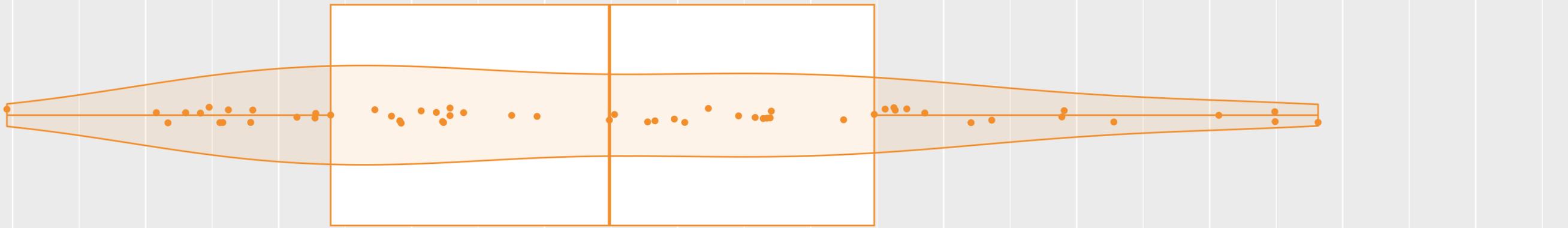
0.106 0.108 0.110 0.112 0.114 0.116 0.118 0.120 0.122 0.124 0.126 0.128 0.130 0.132

Duration, seconds

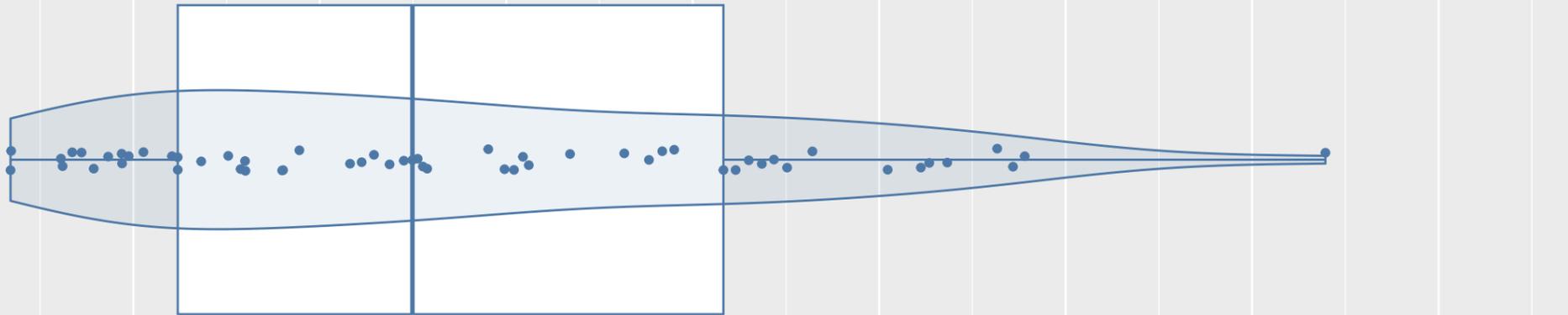
RT Version ■ barriers ■ trunk ■ trunk+backports

parallel/mctest

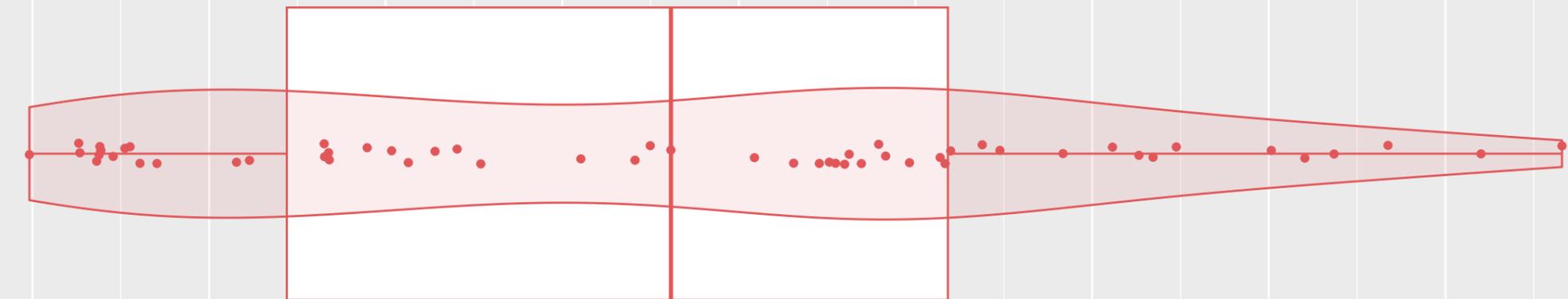
trunk



barriers



trunk+backports



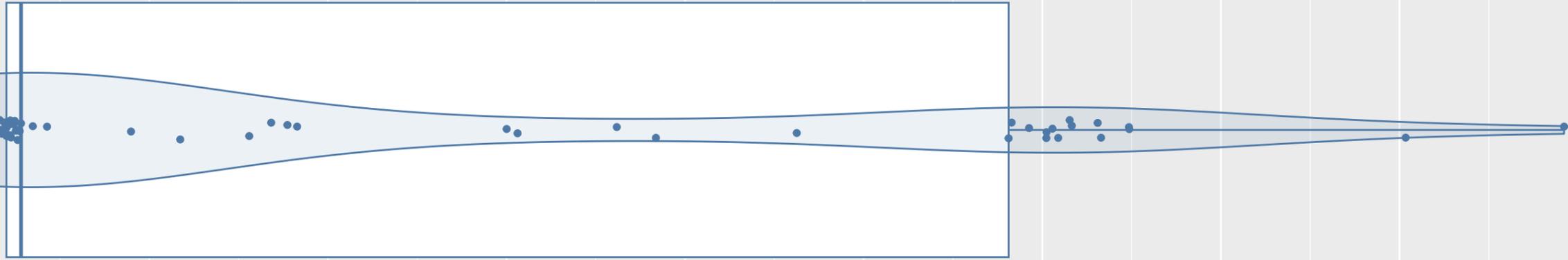
0.520 0.525 0.530 0.535 0.540 0.545 0.550 0.555 0.560 0.565 0.570 0.575 0.580

Duration, seconds

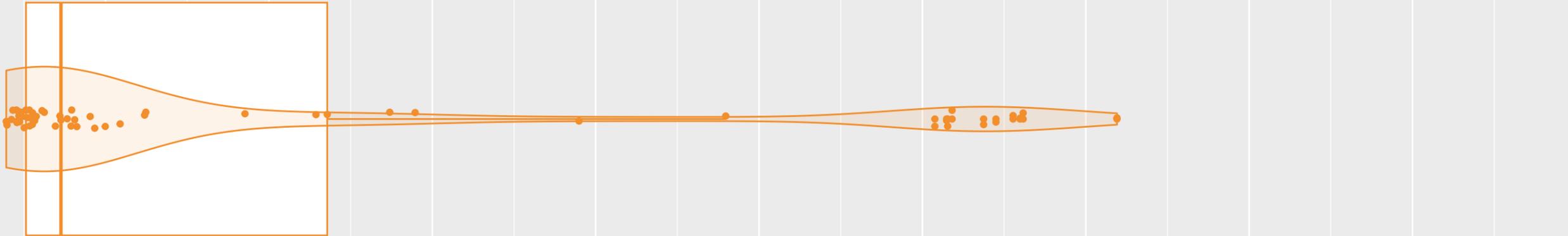
RT Version ■ barriers ■ trunk ■ trunk+backports

lib-floatarray/floatarray

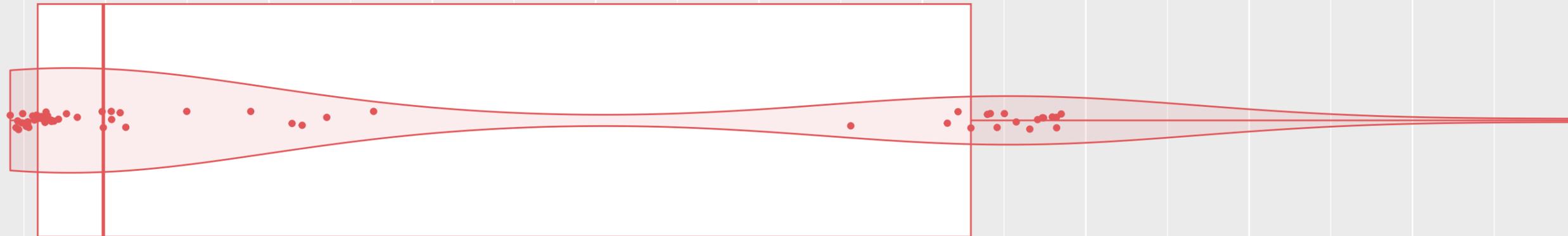
barriers



trunk



trunk+backports



0.150

0.155

0.160

0.165

0.170

0.175

0.180

0.185

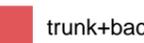
0.190

0.195

0.200

Duration, seconds

RT Version



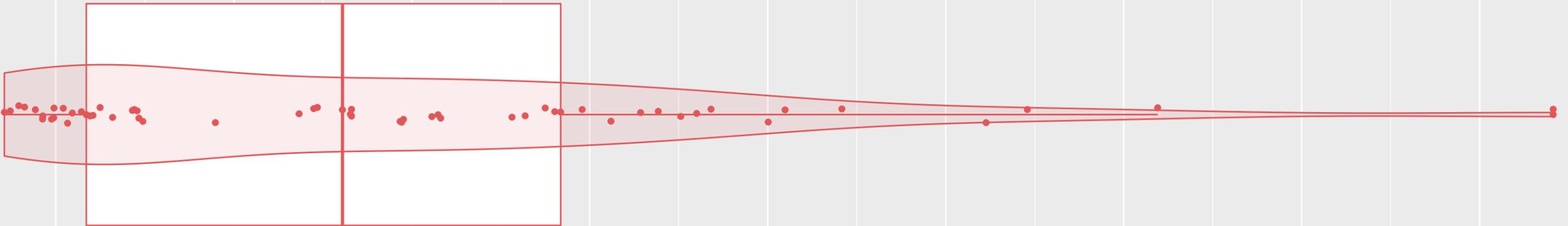
barriers trunk trunk+backports

lazy/lazy7

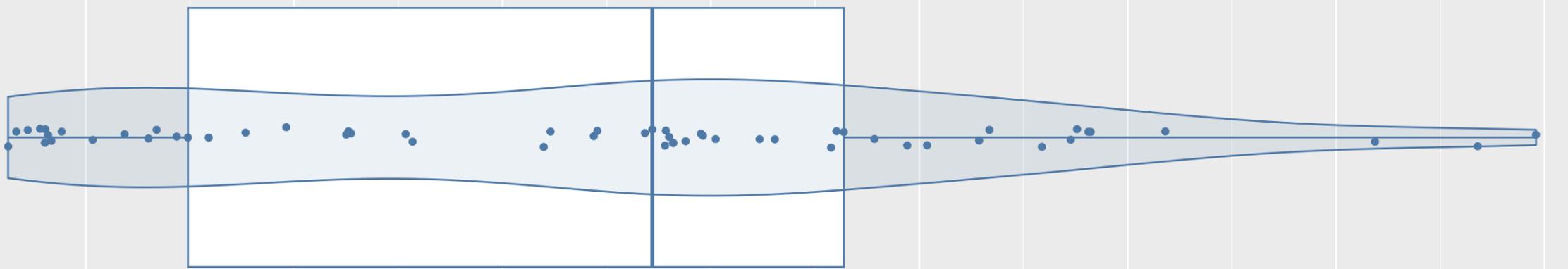
trunk



trunk+backports



barriers



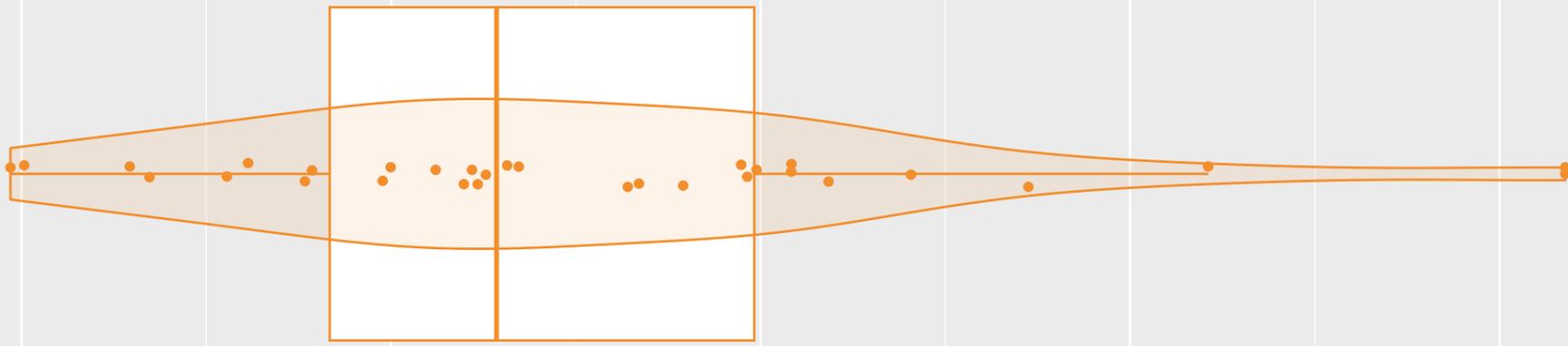
0.27 0.28 0.29 0.30 0.31 0.32 0.33 0.34 0.35

Duration, seconds

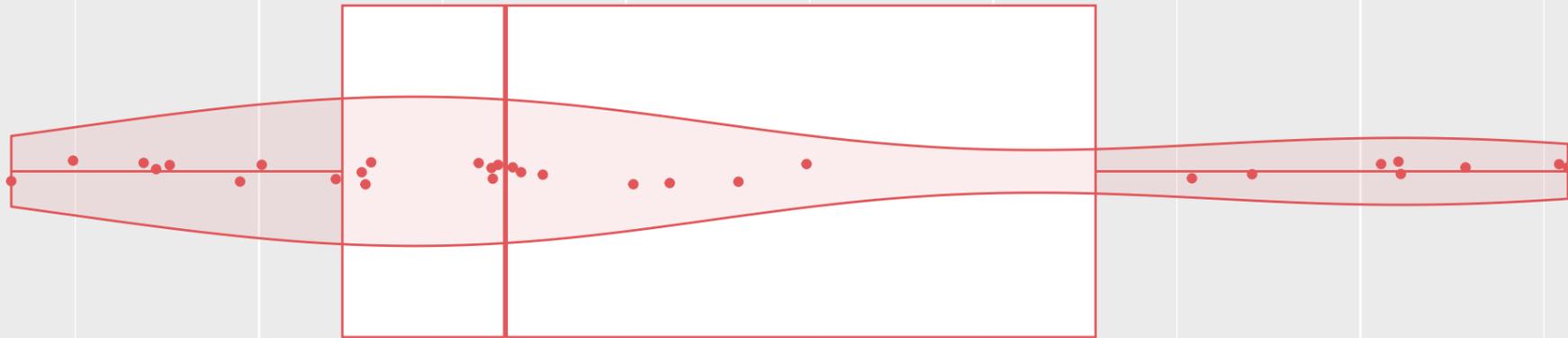
RT Version ■ barriers ■ trunk ■ trunk+backports

parallel/major_gc_wait_backup

trunk



trunk+backports



barriers



1.20

1.25

1.30

1.35

1.40

1.45

1.50

Duration, seconds

RT Version



barriers



trunk



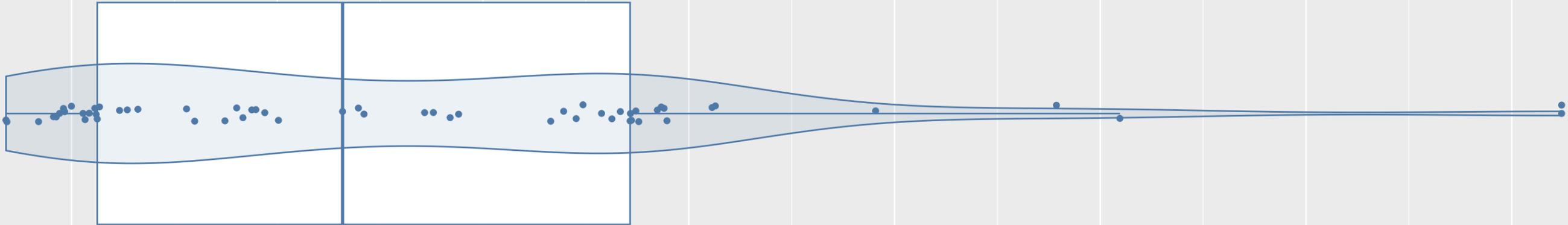
trunk+backports

lib-marshall/intext

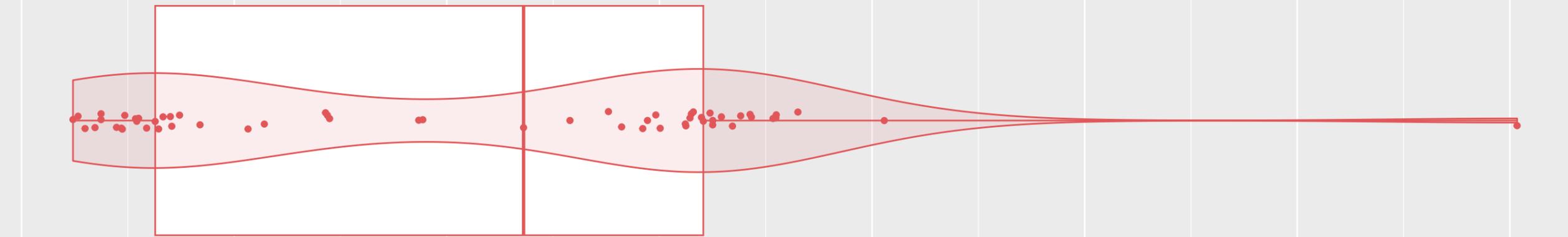
trunk



barriers



trunk+backports



0.20

0.21

0.22

0.23

0.24

0.25

0.26

0.27

Duration, seconds

RT Version



barriers



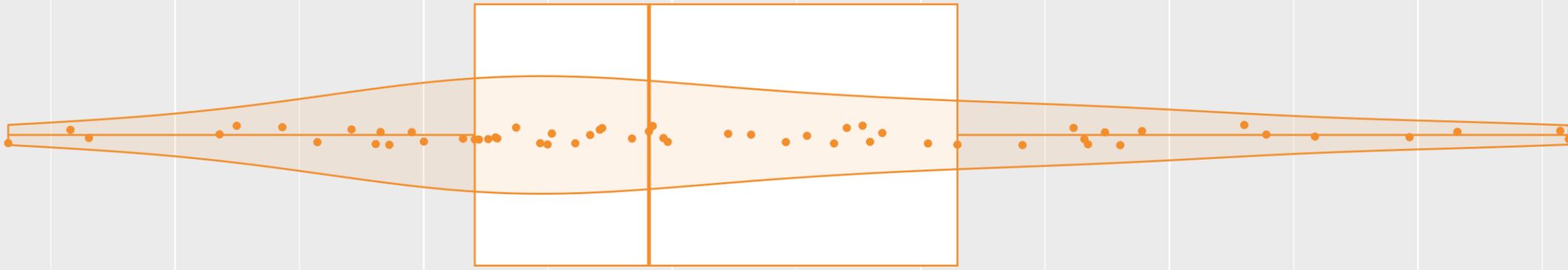
trunk



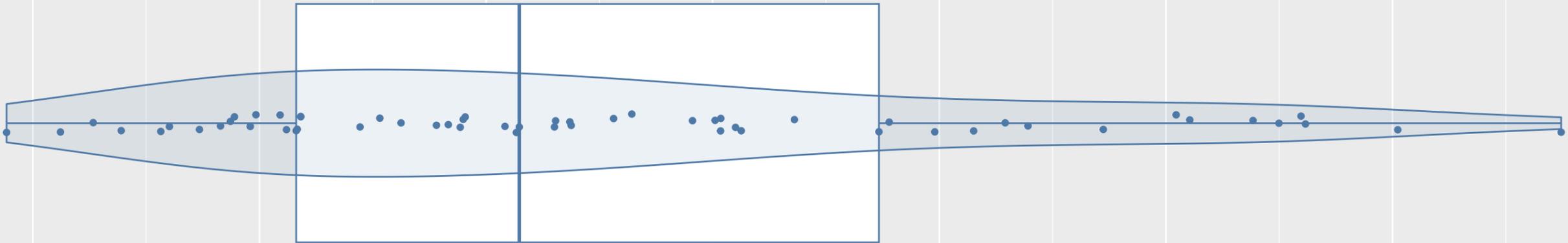
trunk+backports

parallel/test_issue_11094

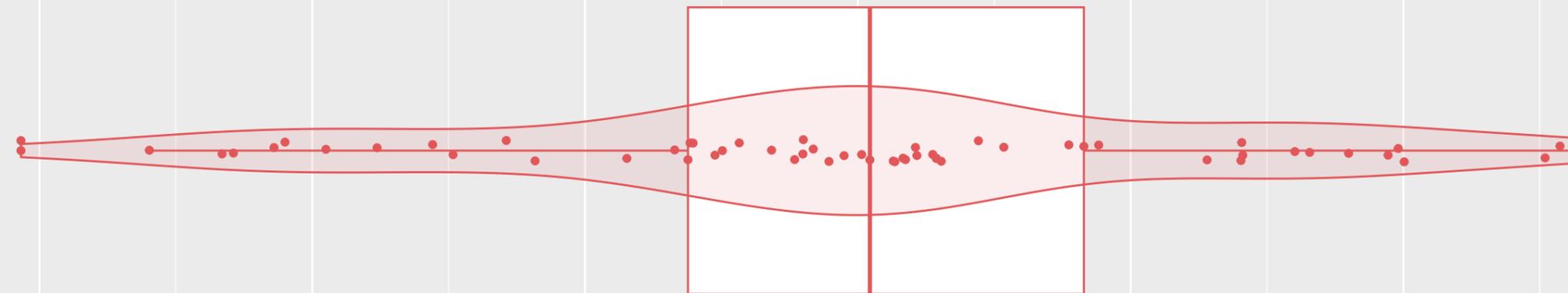
trunk



barriers



trunk+backports



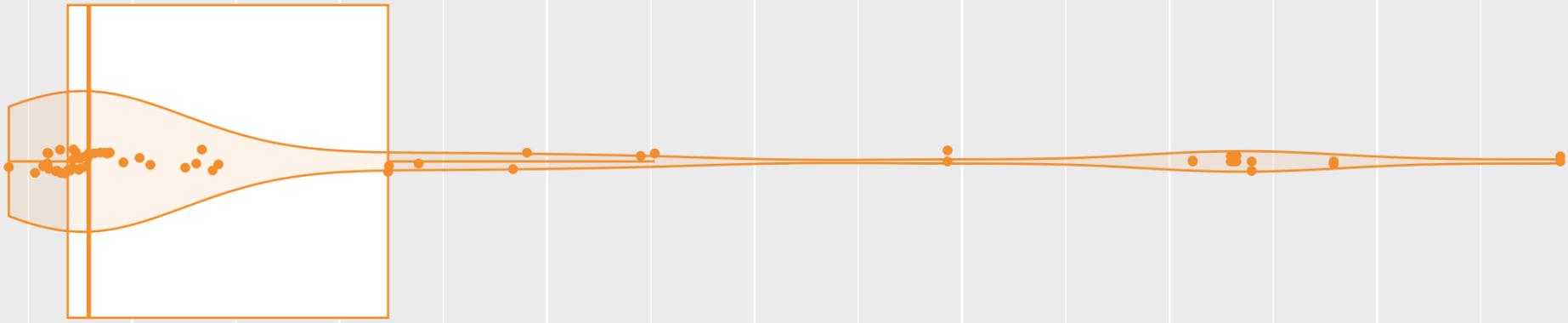
0.20 0.22 0.24 0.26 0.28 0.30 0.32 0.34 0.36

Duration, seconds

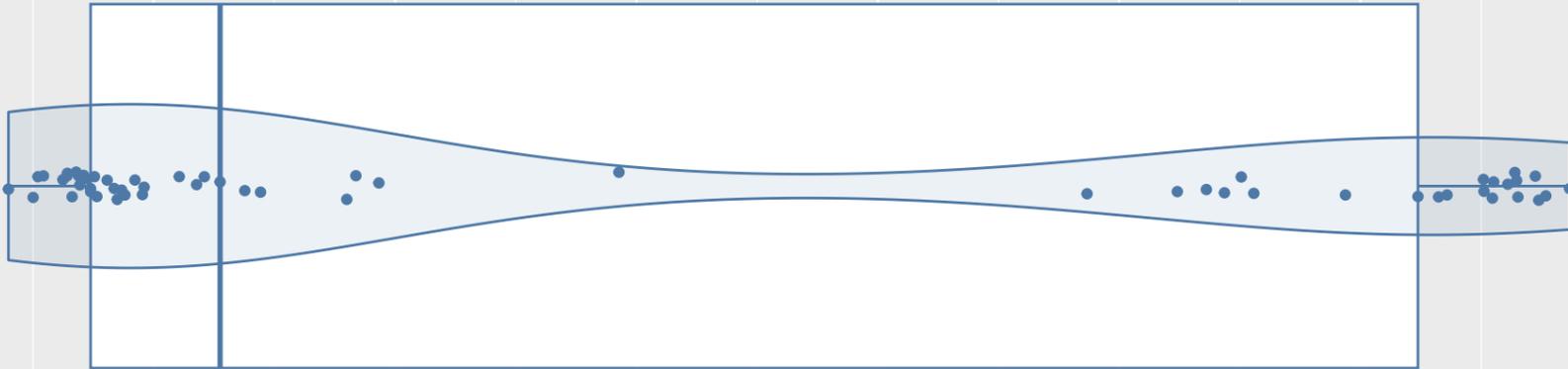
RT Version barriers trunk trunk+backports

lib-marshall/intern_final

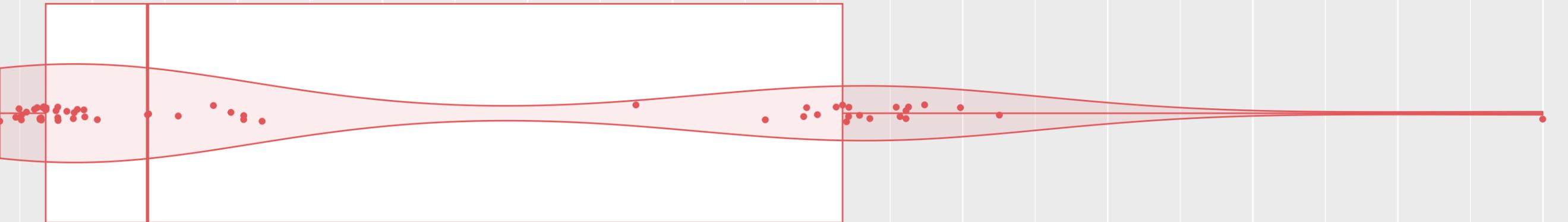
trunk



barriers



trunk+backports



Duration, seconds

RT Version ■ barriers ■ trunk ■ trunk+backports