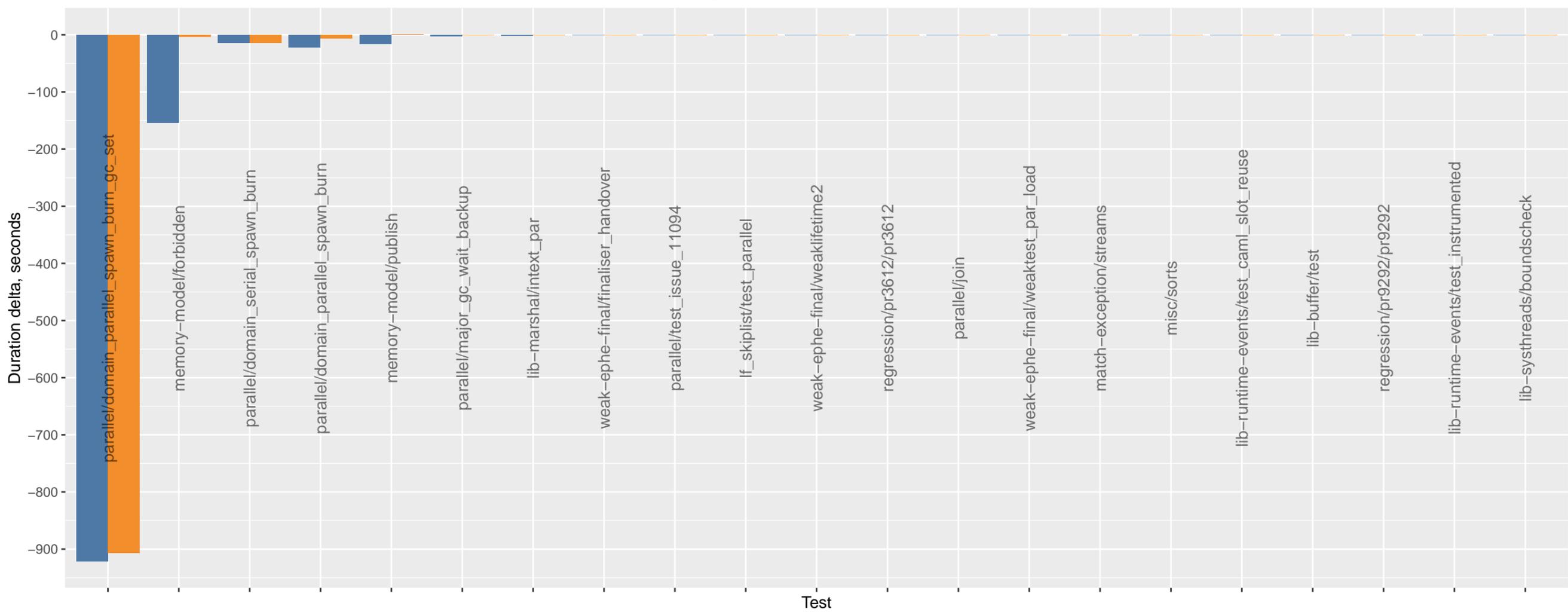
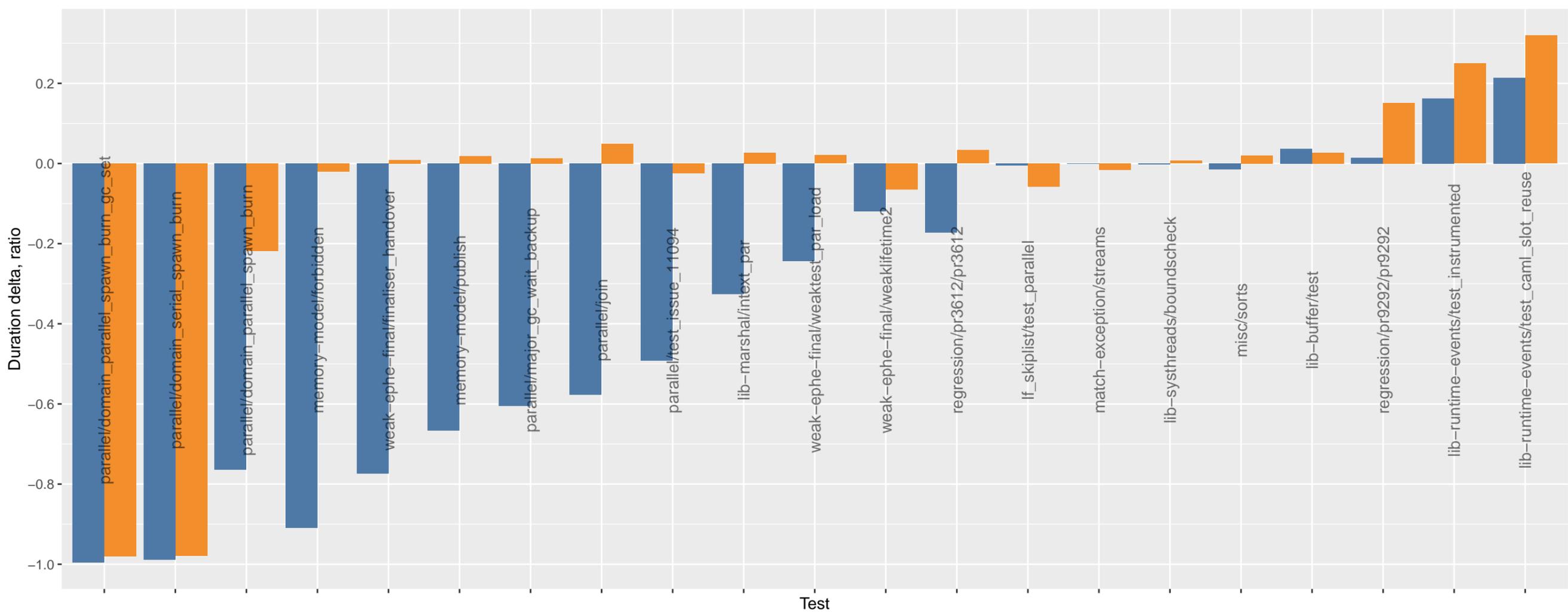


# Change in Duration, as Mean of Quintiles

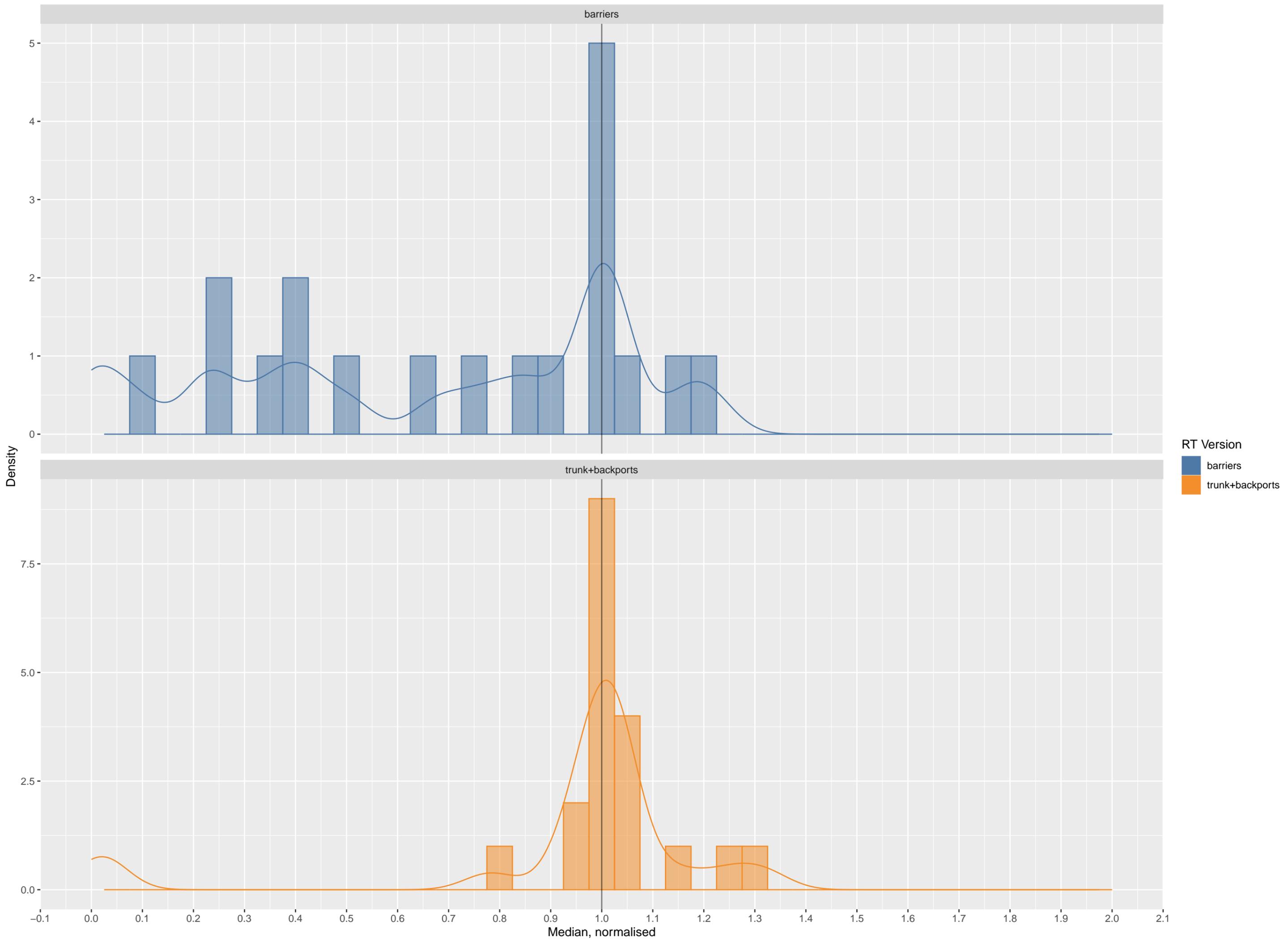


RT Version  
■ barriers  
■ trunk+backports



Tests excluded: 41 (did not differ with Kruskal-Wallis rank sum test, p=0.1)

# Relative distributions



# parallel/domain\_parallel\_spawn\_burn\_gc\_set

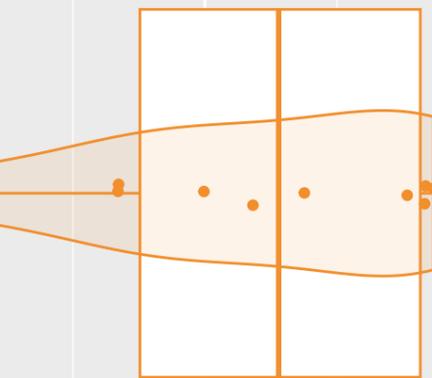
barriers



trunk+backports



trunk



0

100

200

300

400

500

600

700

800

900

1000

Duration, seconds

RT Version ■ barriers ■ trunk ■ trunk+backports

# parallel/domain\_serial\_spawn\_burn

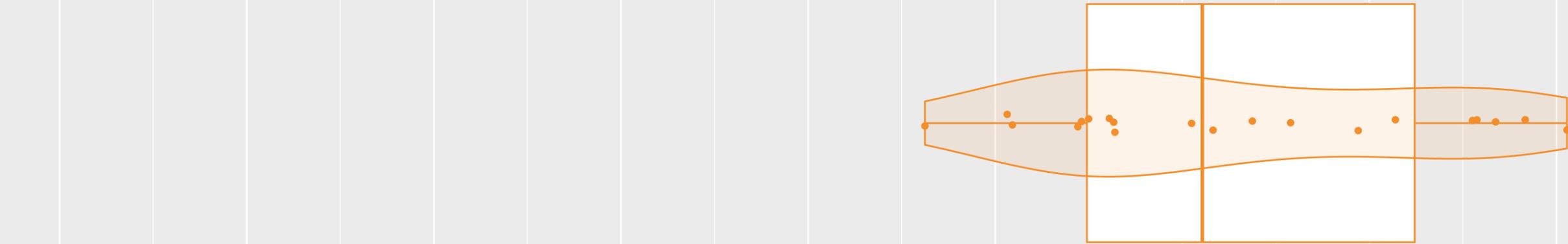
barriers



trunk+backports



trunk



0 2 4 6 8 10 12 14 16 18

Duration, seconds

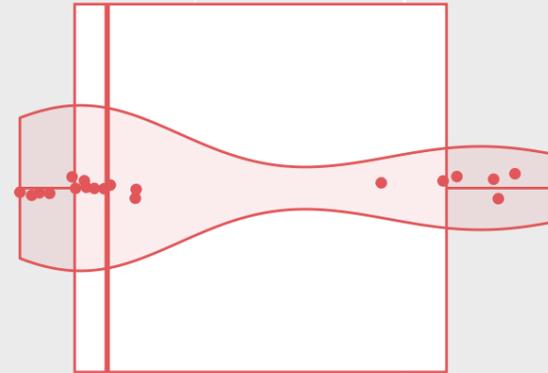
RT Version barriers trunk trunk+backports

# parallel/domain\_parallel\_spawn\_burn

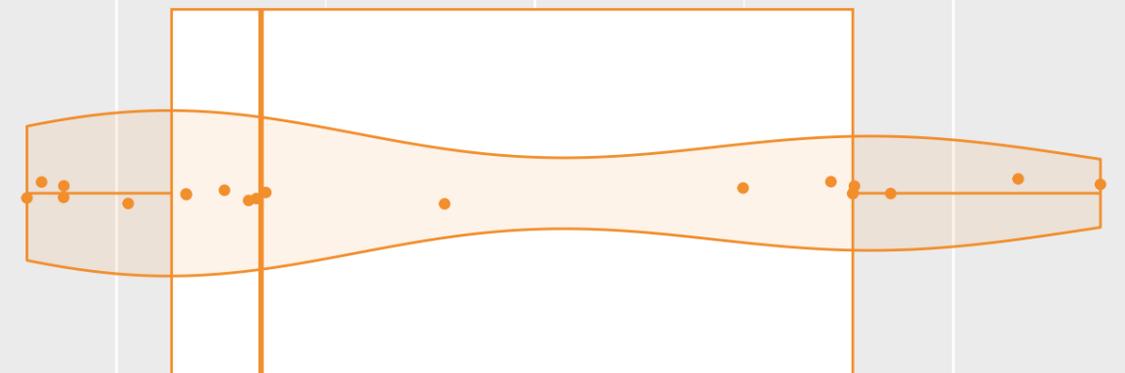
barriers



trunk+backports



trunk



5

10

15

20

25

30

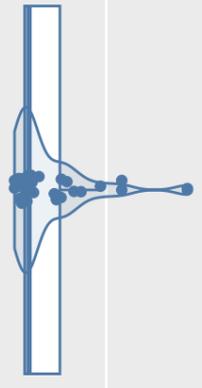
35

Duration, seconds

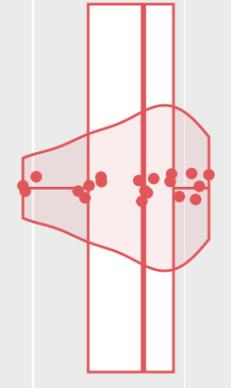
RT Version ■ barriers ■ trunk ■ trunk+backports

# memory-model/forbidden

barriers



trunk+backports



trunk

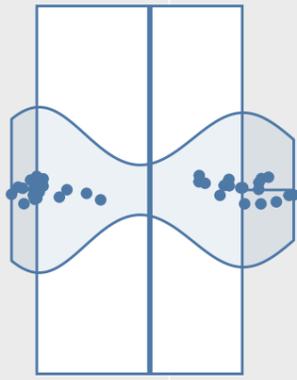


Duration, seconds

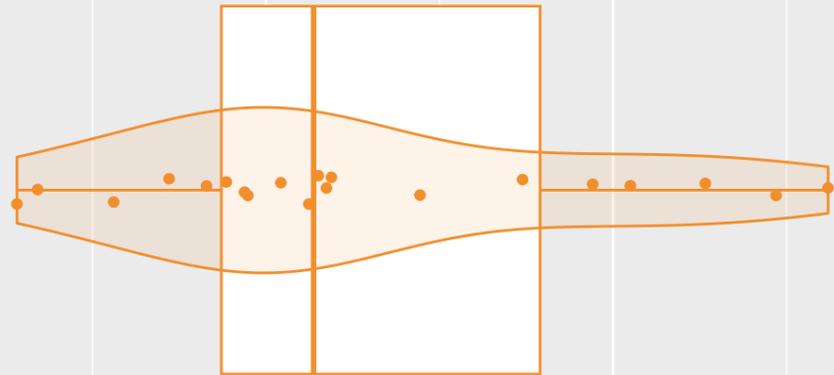
RT Version ■ barriers ■ trunk ■ trunk+backports

# weak-ephe-final/finaliser\_handover

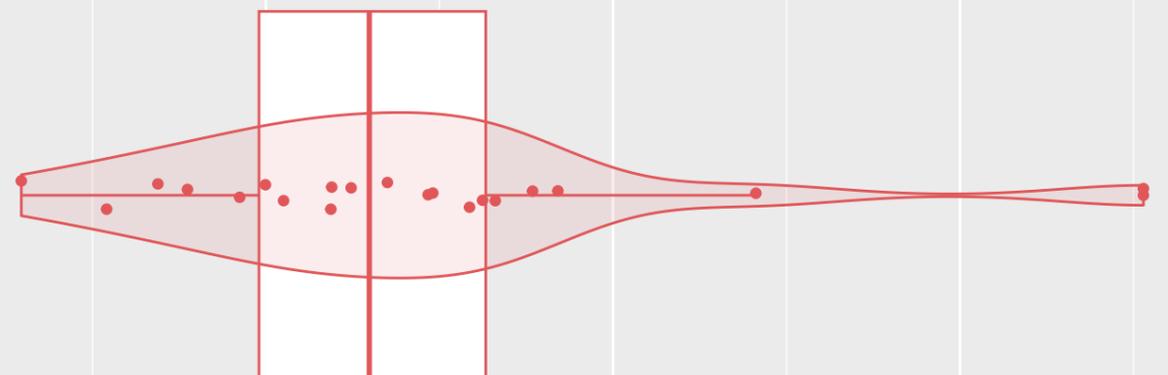
barriers



trunk



trunk+backports



0.2

0.4

0.6

0.8

1.0

1.2

1.4

1.6

Duration, seconds

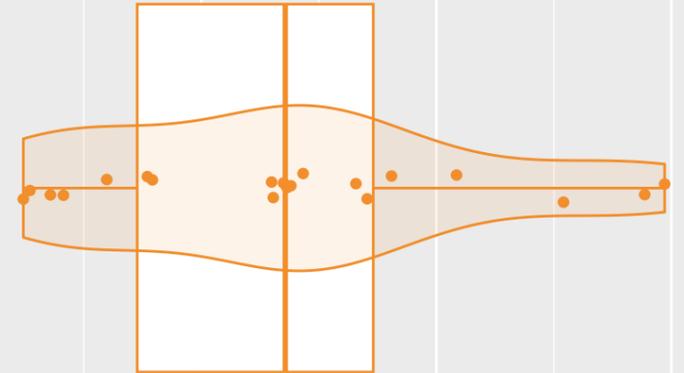
RT Version ■ barriers ■ trunk ■ trunk+backports

# memory-model/publish

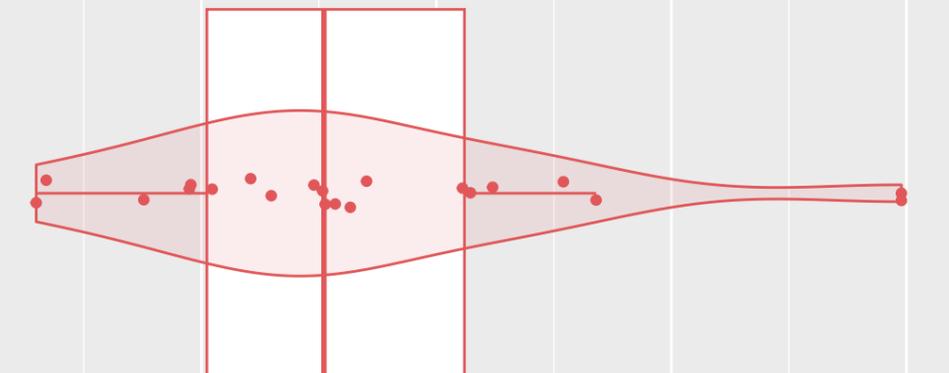
barriers



trunk



trunk+backports

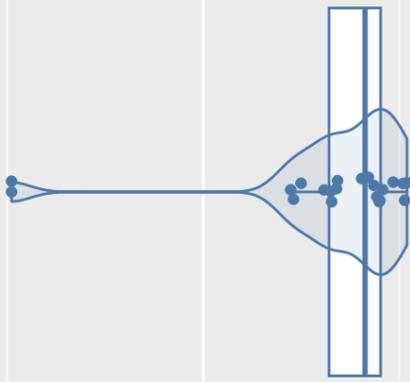


Duration, seconds

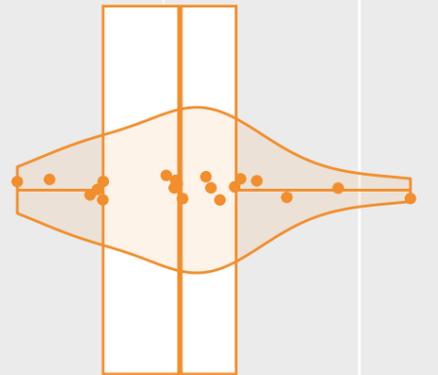
RT Version ■ barriers ■ trunk ■ trunk+backports

# parallel/major\_gc\_wait\_backup

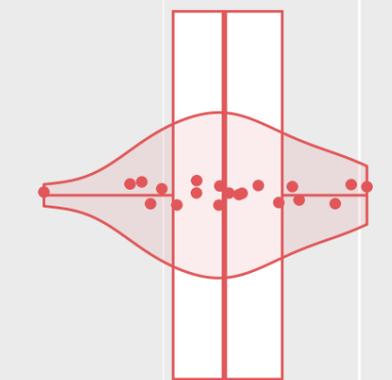
barriers



trunk



trunk+backports



1.5

2.0

2.5

3.0

3.5

4.0

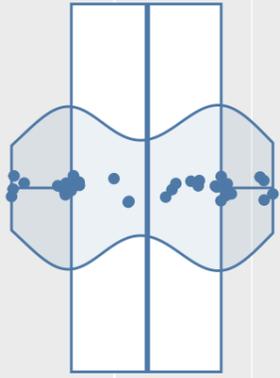
4.5

Duration, seconds

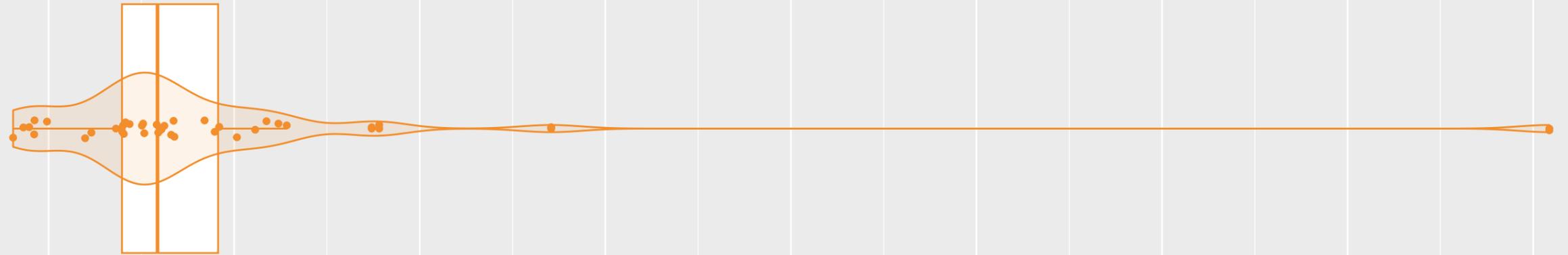
RT Version ■ barriers ■ trunk ■ trunk+backports

# parallel/join

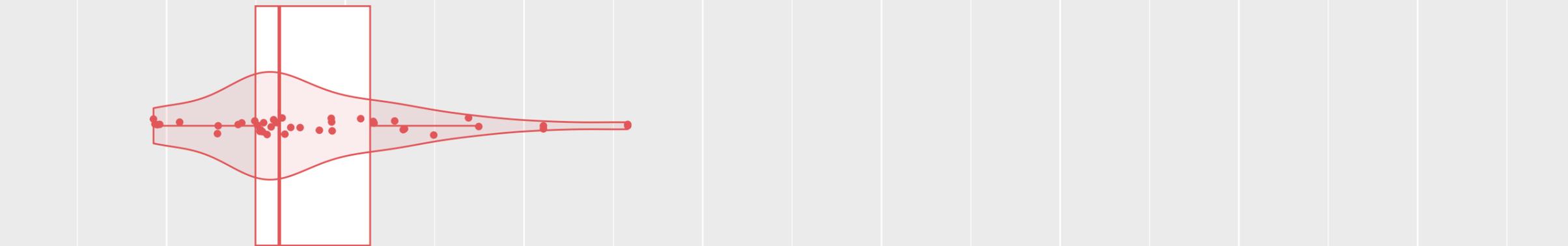
barriers



trunk



trunk+backports



0.05

0.10

0.15

0.20

0.25

0.30

0.35

0.40

0.45

0.50

Duration, seconds

RT Version



barriers



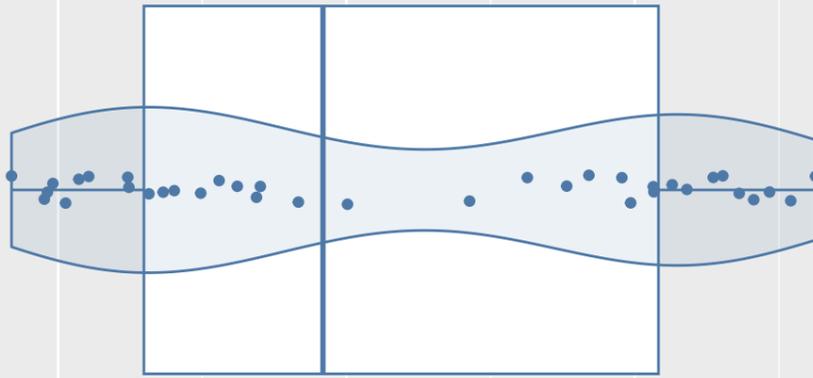
trunk



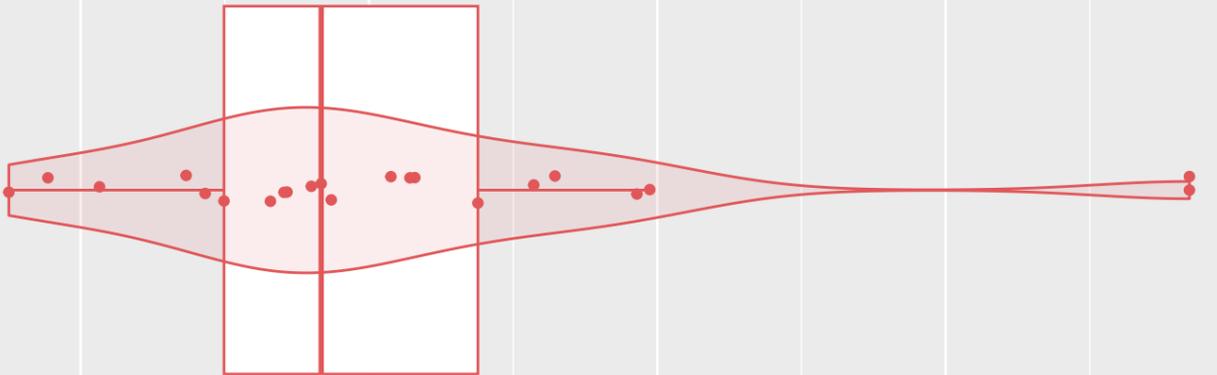
trunk+backports

# parallel/test\_issue\_11094

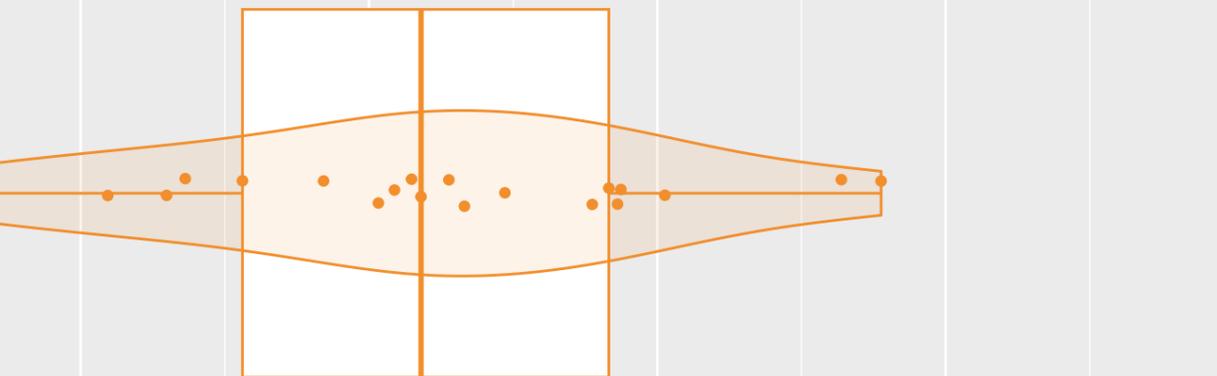
barriers



trunk+backports



trunk



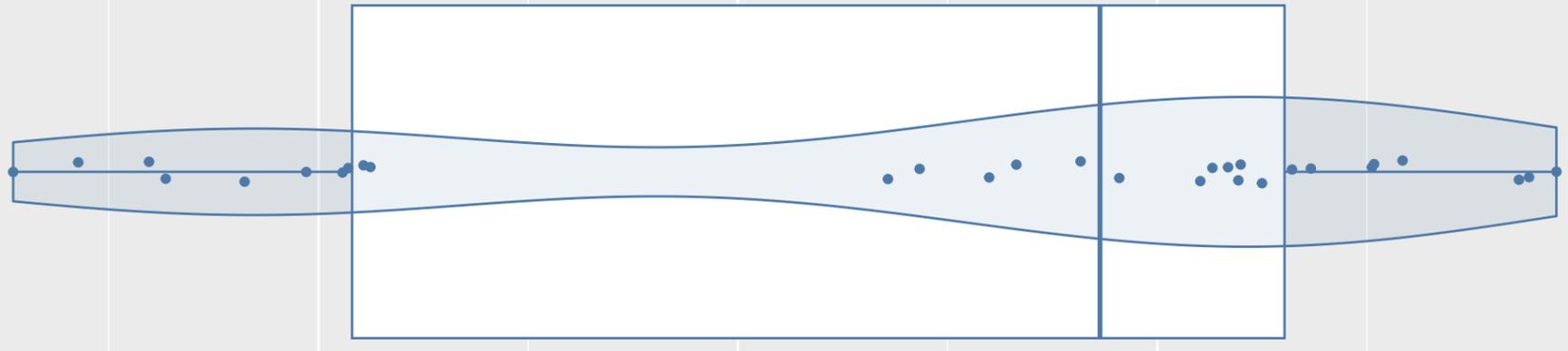
0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3

Duration, seconds

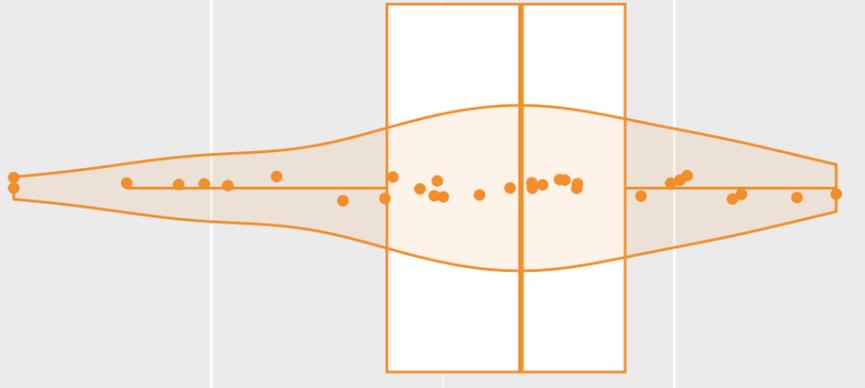
RT Version barriers trunk trunk+backports

# lib-marshall/intext\_par

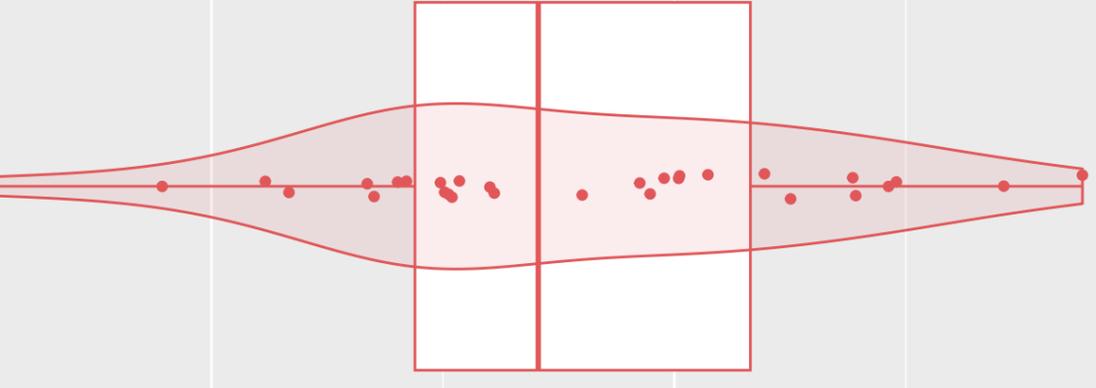
barriers



trunk



trunk+backports



1.0

1.5

2.0

2.5

3.0

3.5

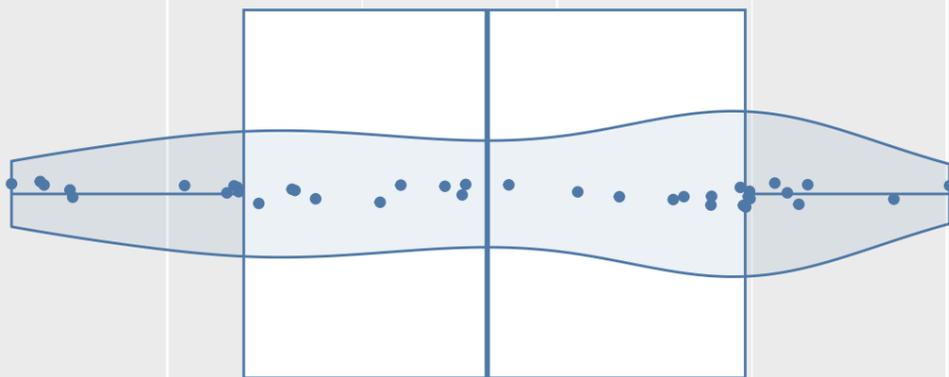
4.0

Duration, seconds

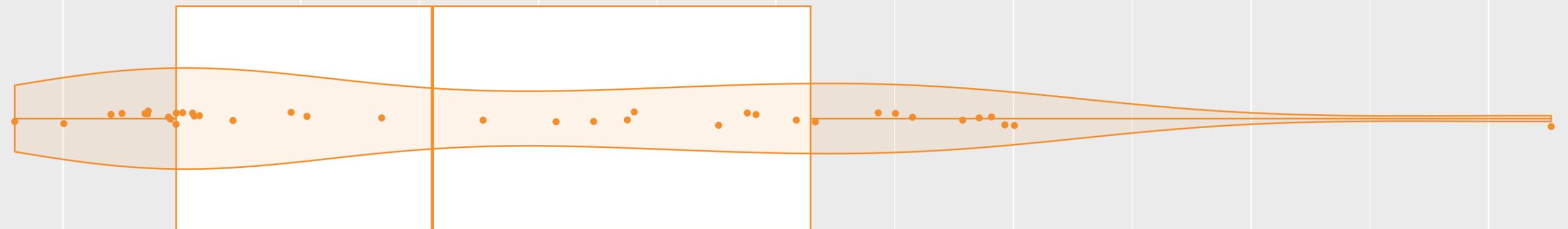
RT Version ■ barriers ■ trunk ■ trunk+backports

# weak-ephe-final/weaktest\_par\_load

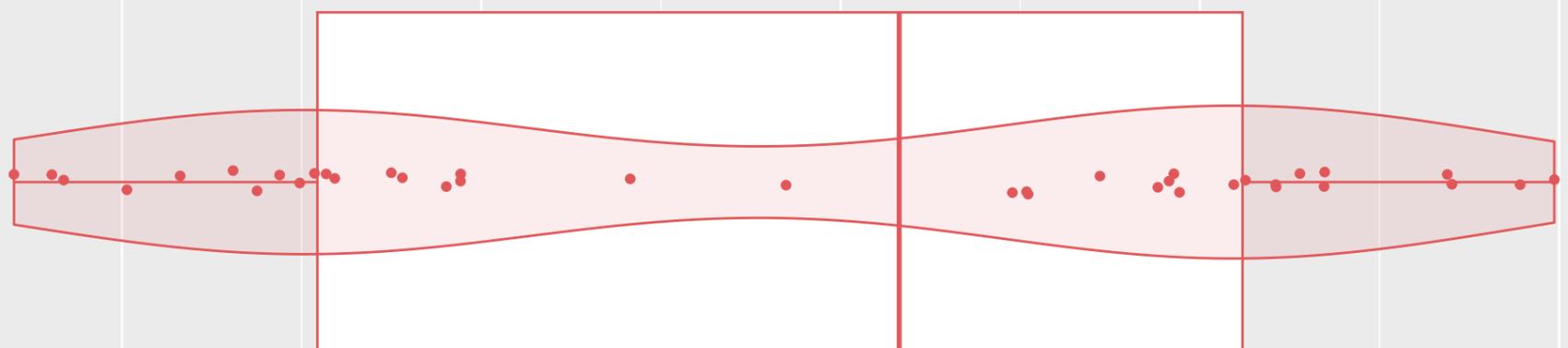
barriers



trunk



trunk+backports



0.04

0.06

0.08

Duration, seconds

0.10

0.12

0.14

0.16

RT Version



barriers



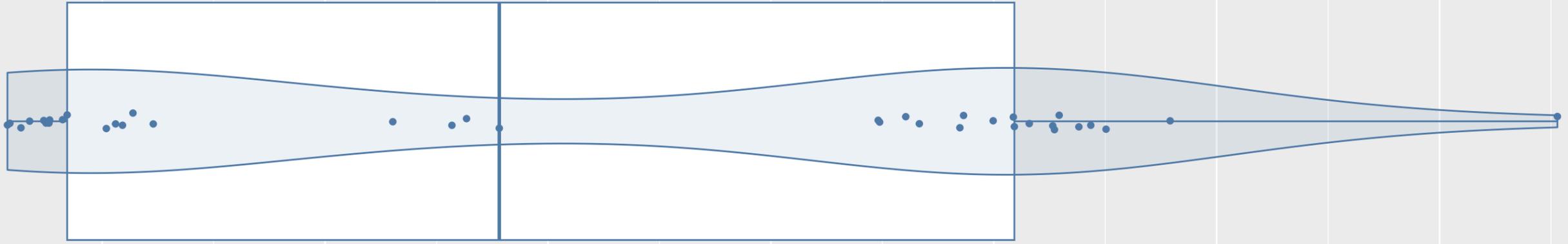
trunk



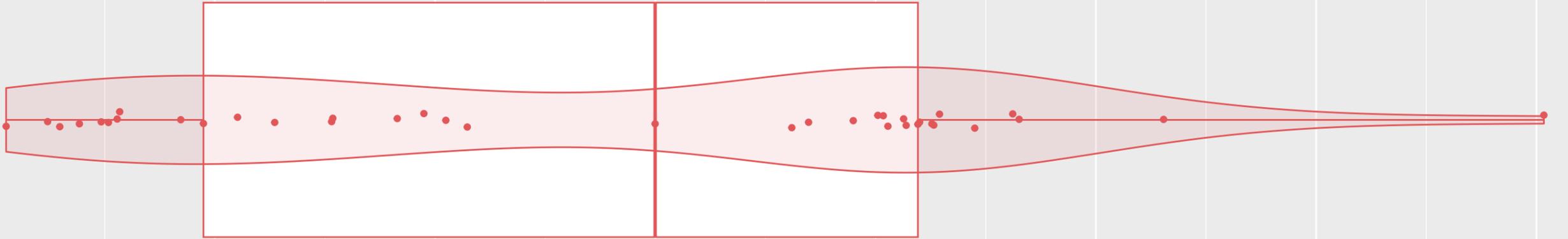
trunk+backports

# weak-ephe-final/weaklifetime2

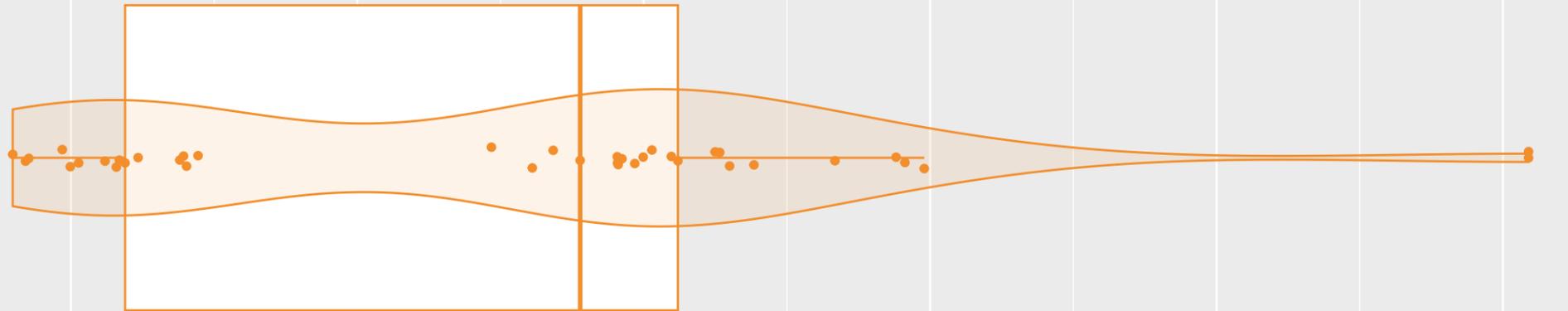
barriers



trunk+backports



trunk



0.35

0.40

0.45

0.50

0.55

0.60

0.65

0.70

Duration, seconds

RT Version



barriers



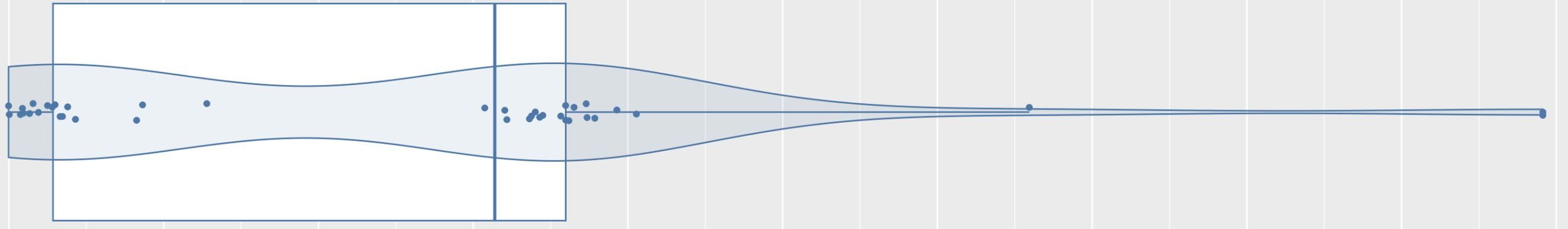
trunk



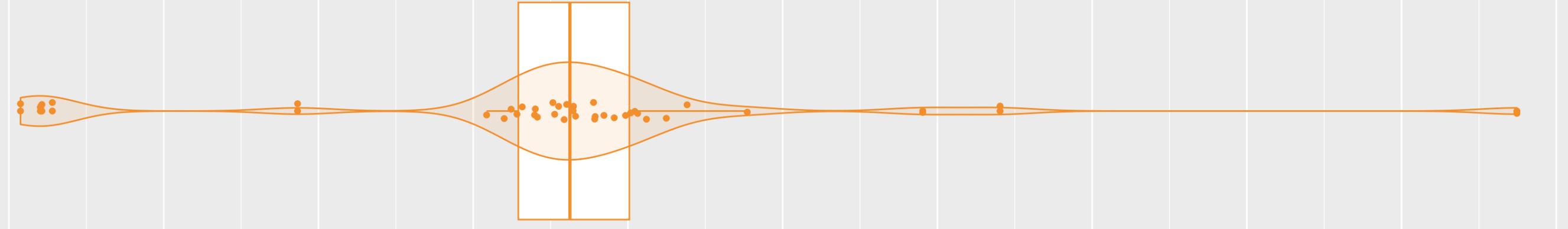
trunk+backports

# regression/pr3612/pr3612

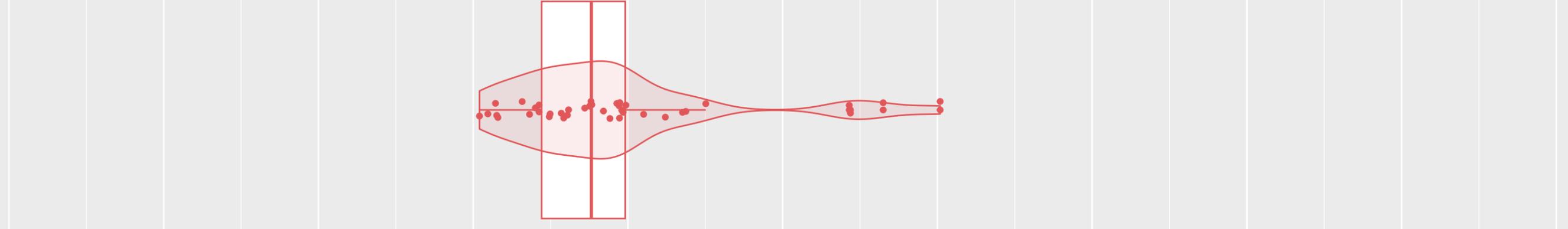
barriers



trunk



trunk+backports



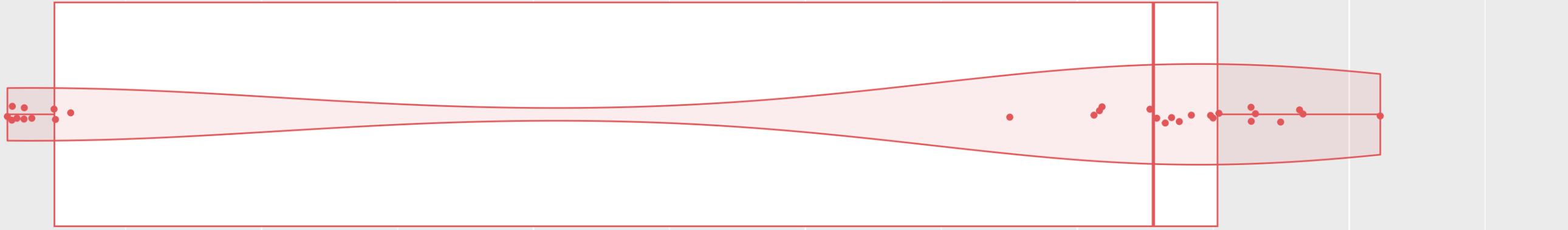
0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70 0.75

Duration, seconds

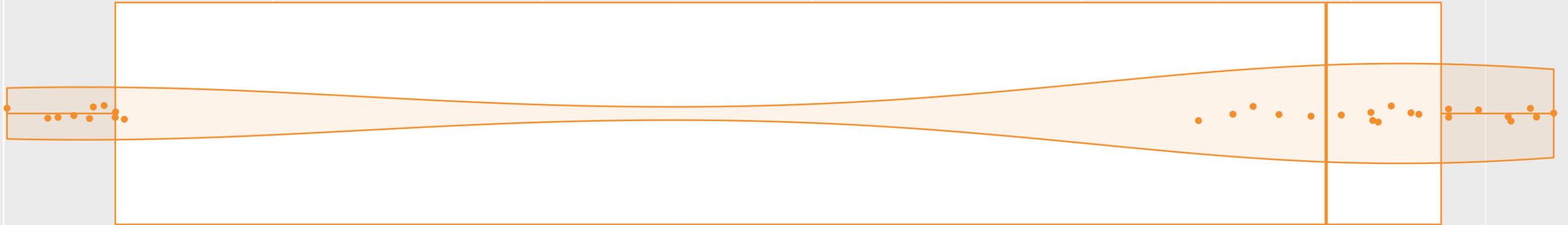
RT Version barriers trunk trunk+backports

# If\_skiplist/test\_parallel

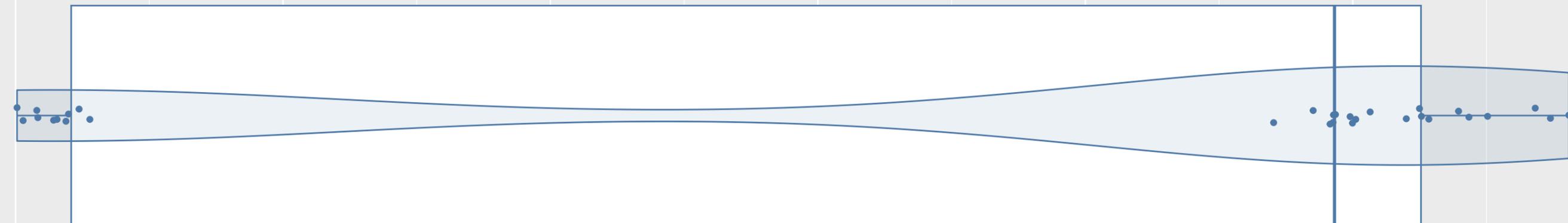
trunk+backports



trunk



barriers



3.0

3.5

4.0

4.5

5.0

5.5

6.0

Duration, seconds

RT Version



barriers



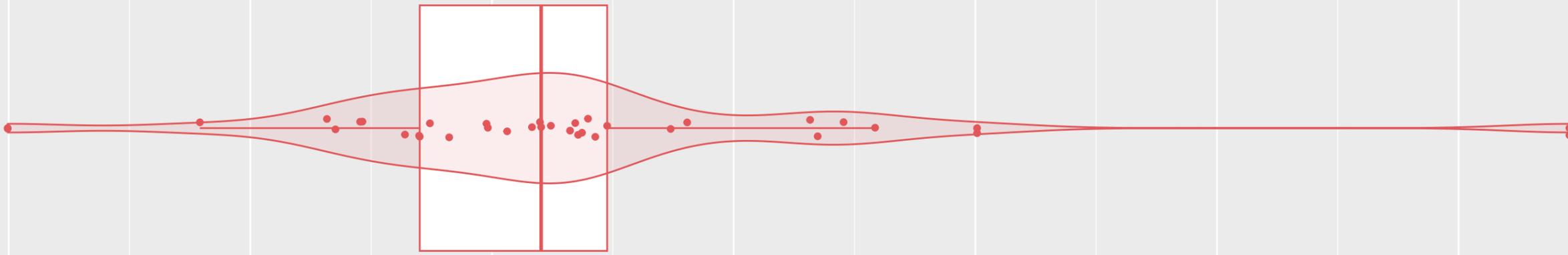
trunk



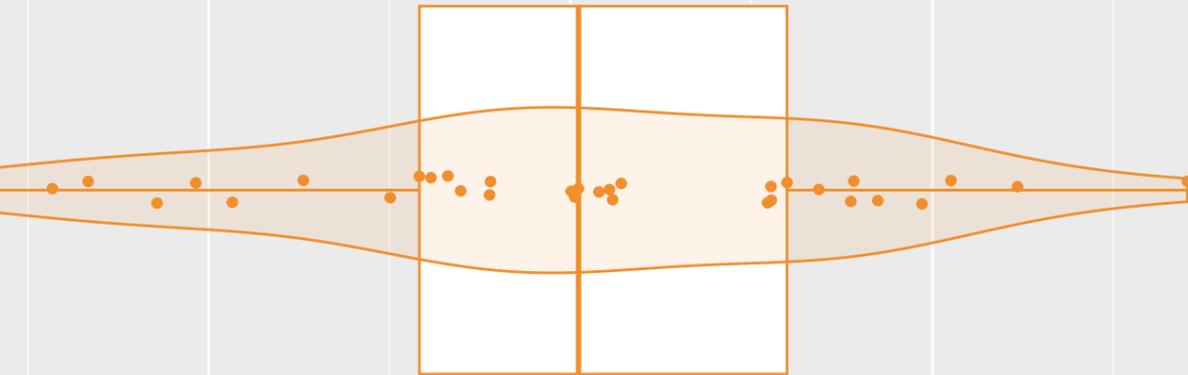
trunk+backports

# match-exception/streams

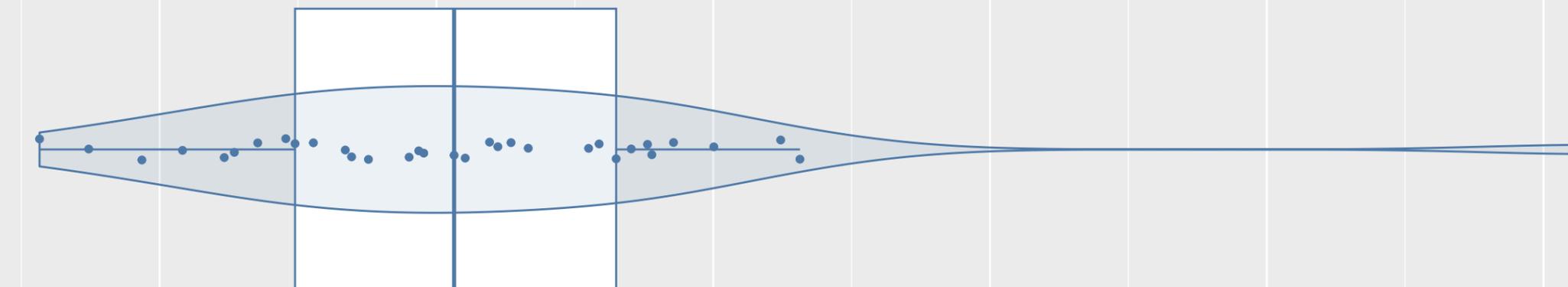
trunk+backports



trunk



barriers



0.90

0.92

0.94

0.96

0.98

1.00

1.02

1.04

Duration, seconds

RT Version



barriers



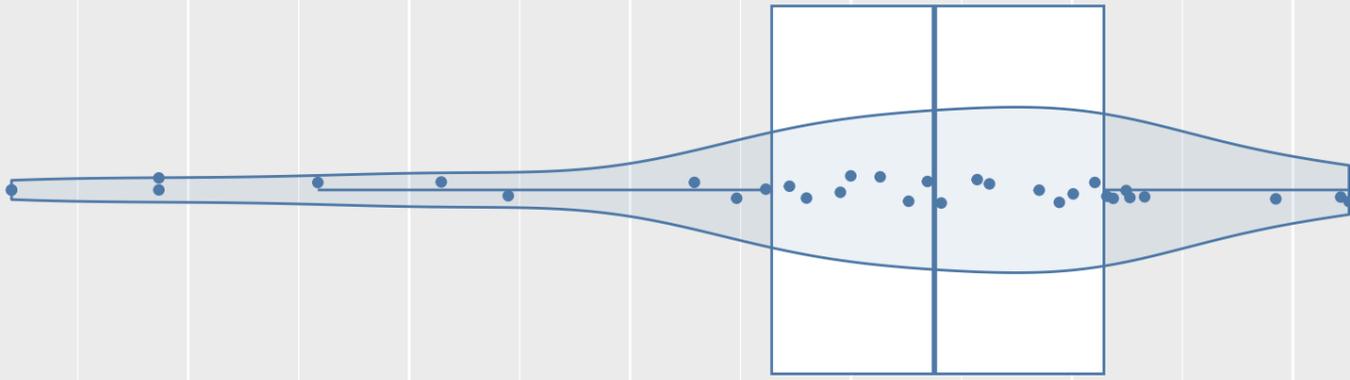
trunk



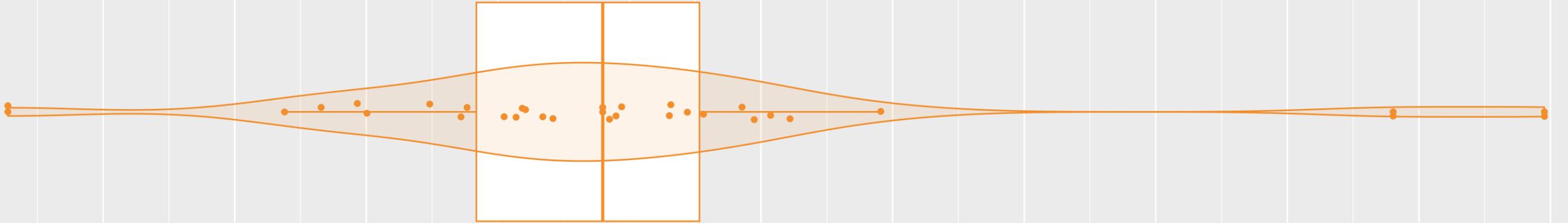
trunk+backports

# lib-systhreads/boundscheck

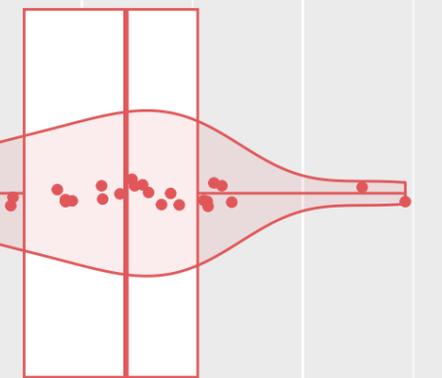
barriers



trunk



trunk+backports



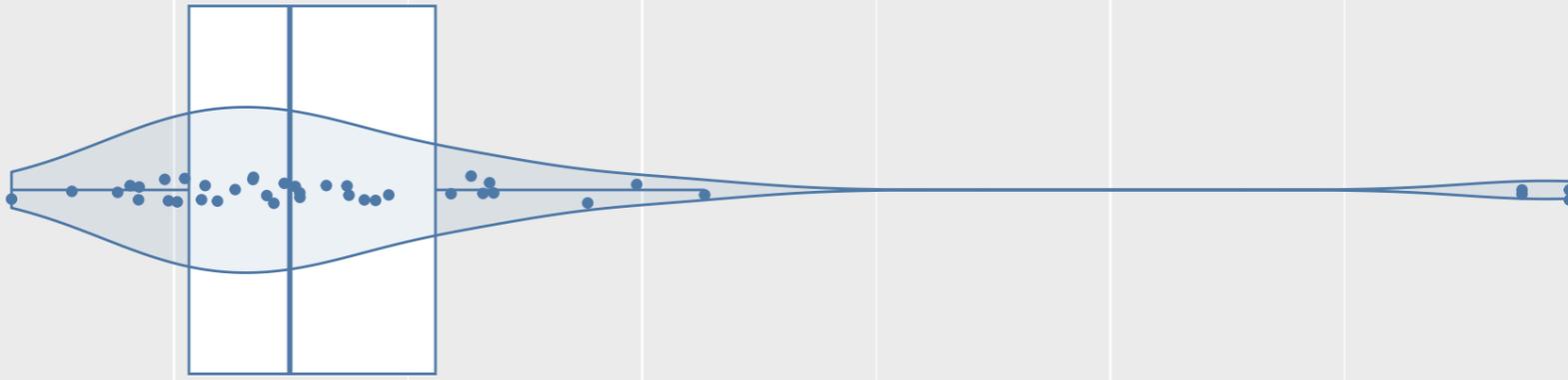
10.25 10.30 10.35 10.40 10.45 10.50 10.55 10.60 10.65 10.70 10.75 10.80 10.85

Duration, seconds

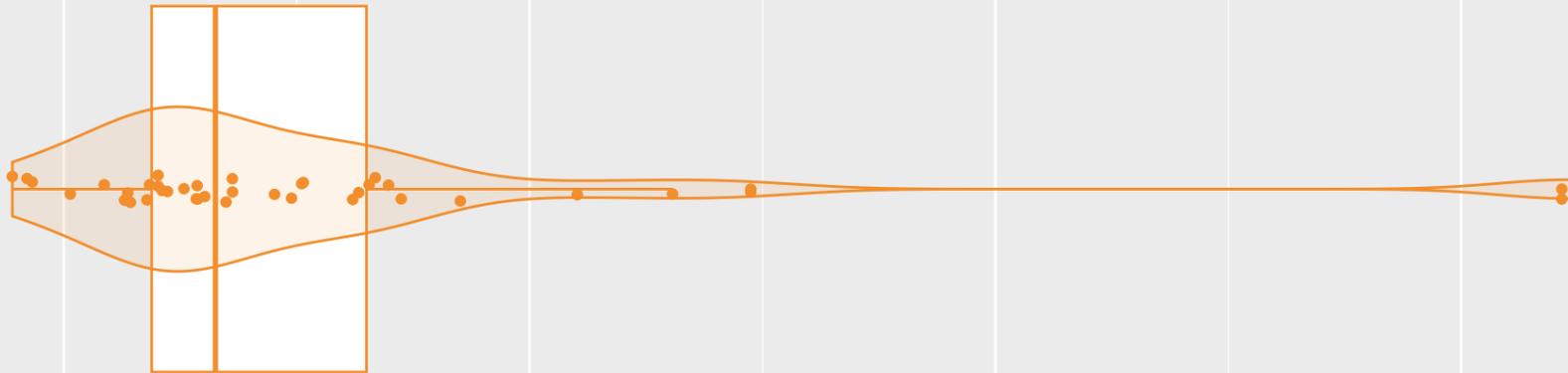
RT Version ■ barriers ■ trunk ■ trunk+backports

# misc/sorts

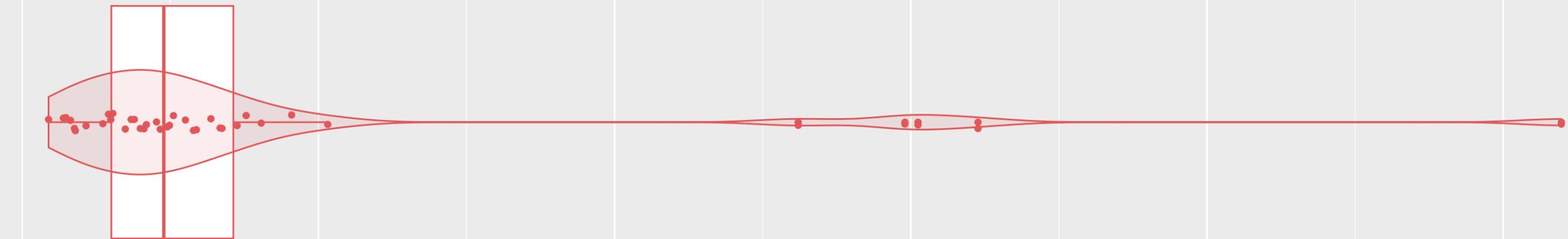
barriers



trunk



trunk+backports



0.40

0.45

0.50

Duration, seconds

0.55

0.60

0.65

RT Version



barriers



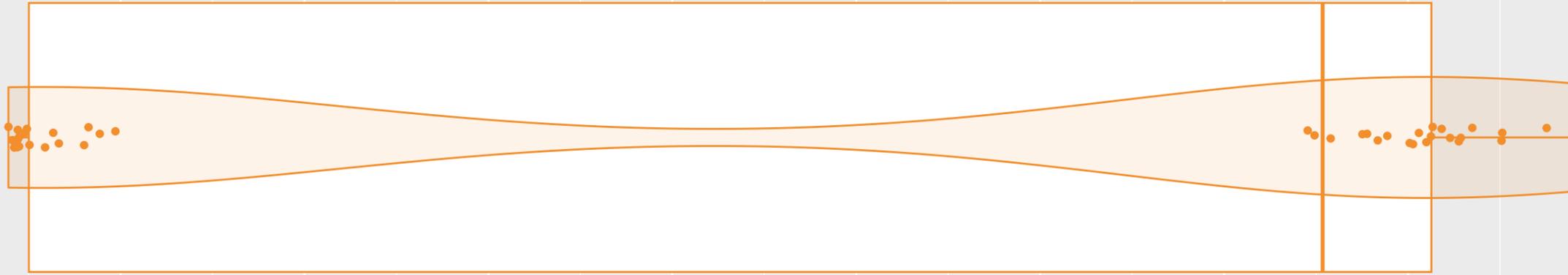
trunk



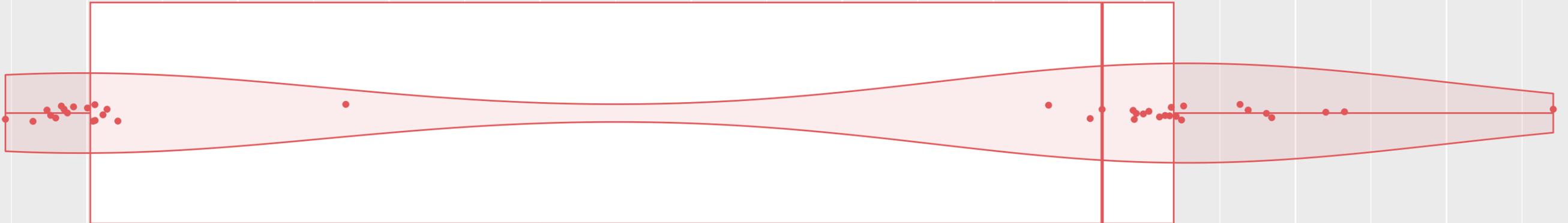
trunk+backports

# lib-buffer/test

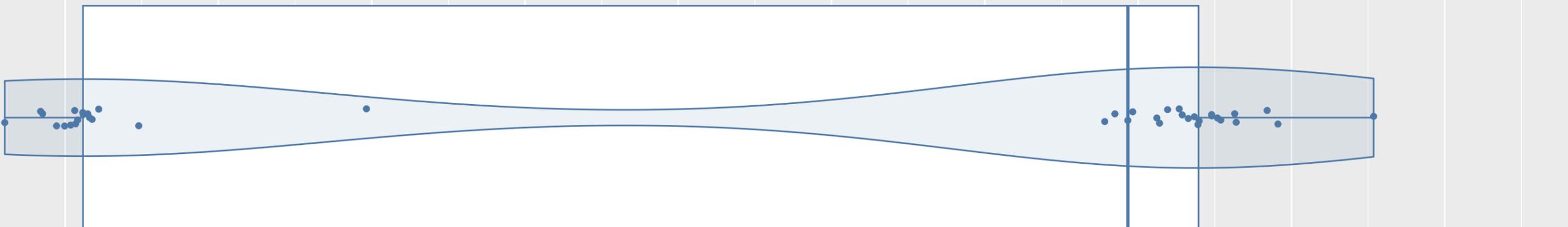
trunk



trunk+backports



barriers

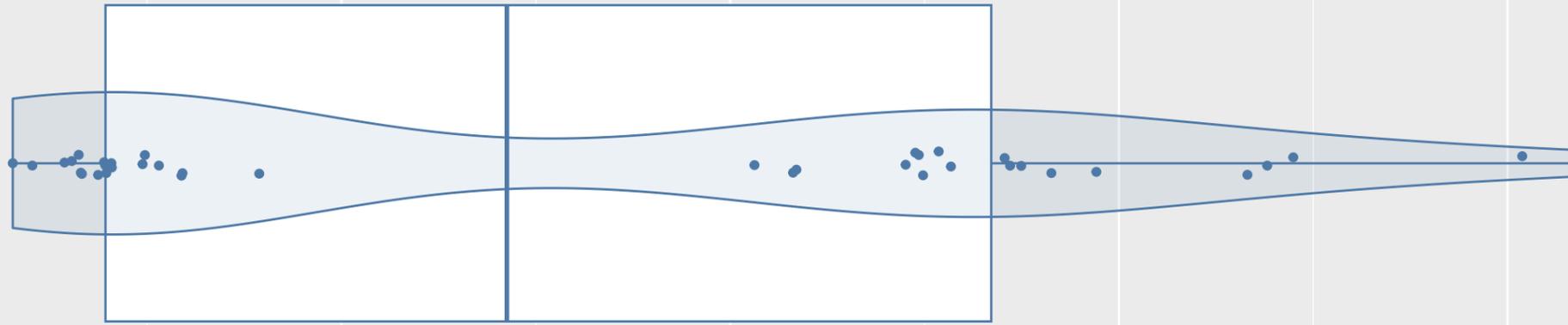


0.55 0.60 0.65 0.70 0.75 0.80 0.85 0.90 0.95 1.00 1.05 1.10

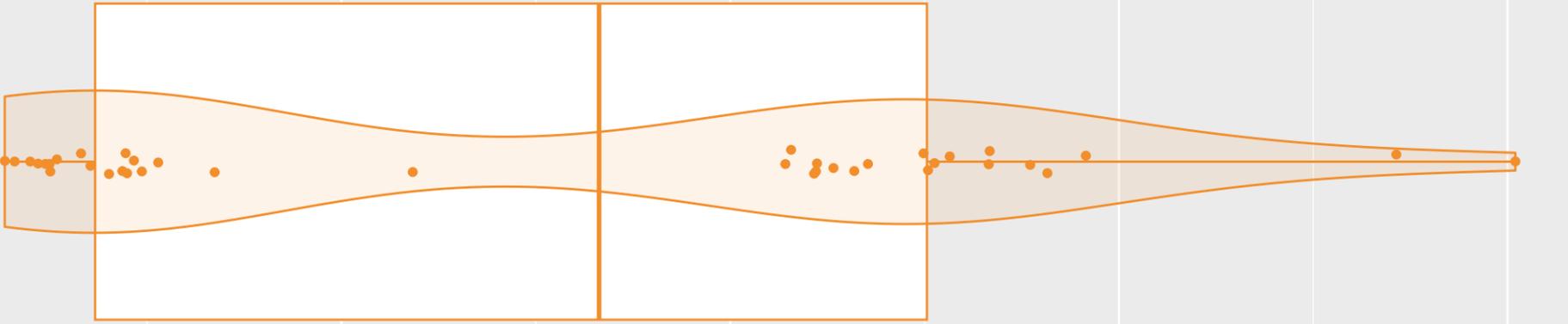
Duration, seconds

RT Version barriers trunk trunk+backports

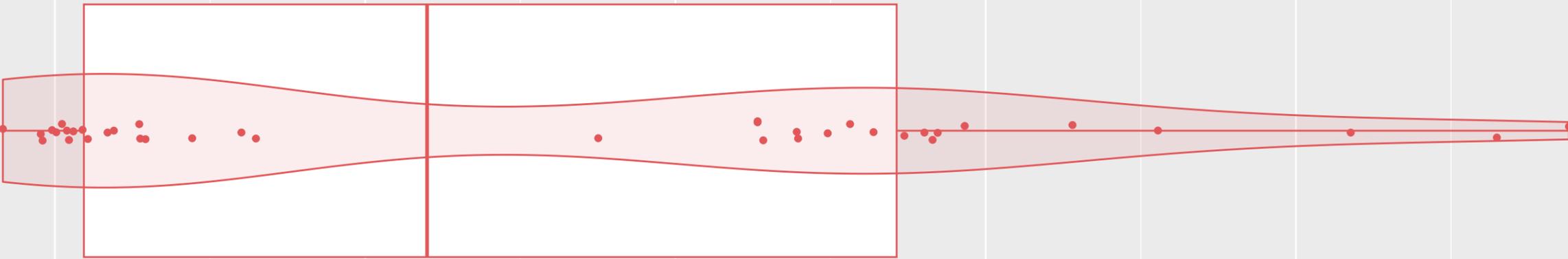
barriers



trunk



trunk+backports



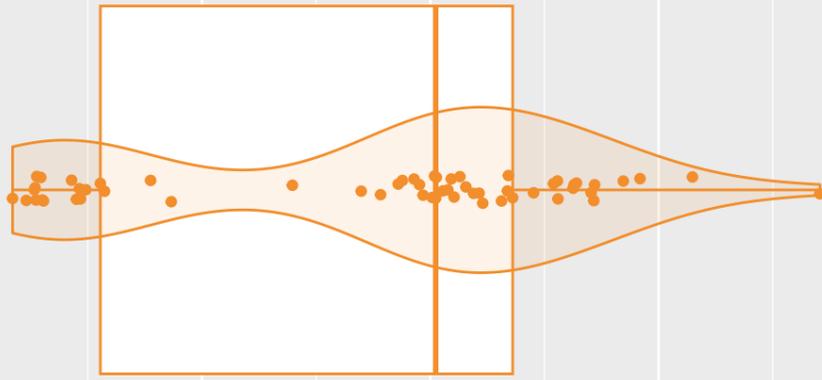
0.25 0.30 0.35 0.40 0.45 0.50 0.55

Duration, seconds

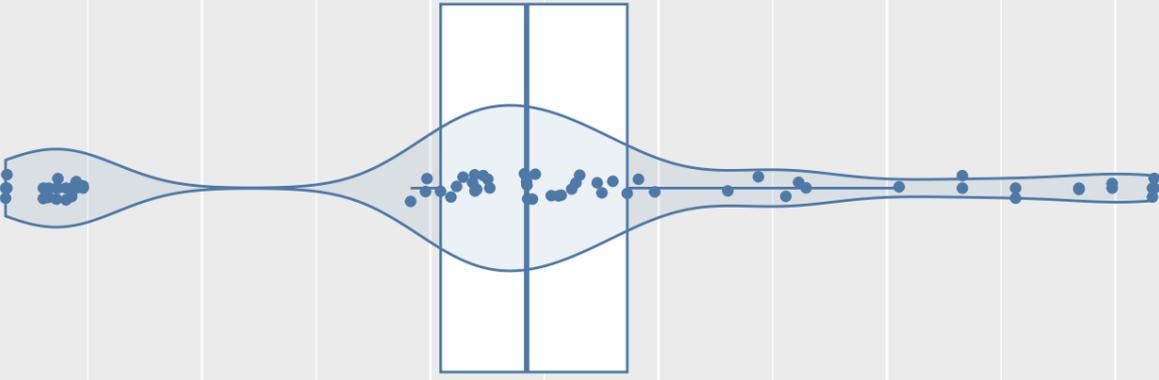
RT Version barriers trunk trunk+backports

# lib-runtime-events/test\_instrumented

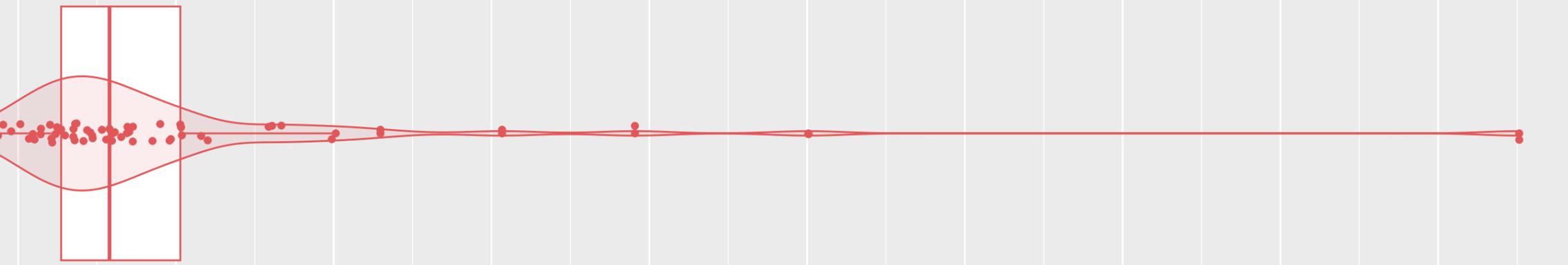
trunk



barriers



trunk+backports



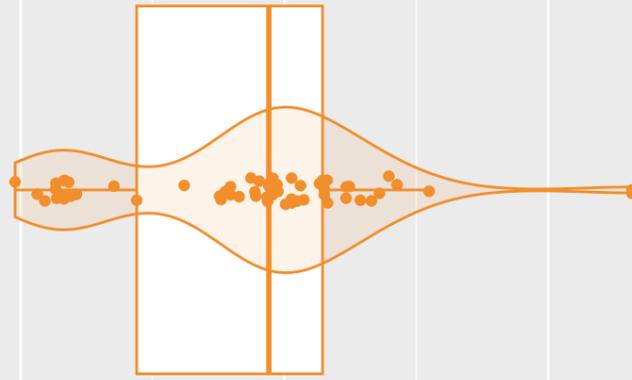
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70

Duration, seconds

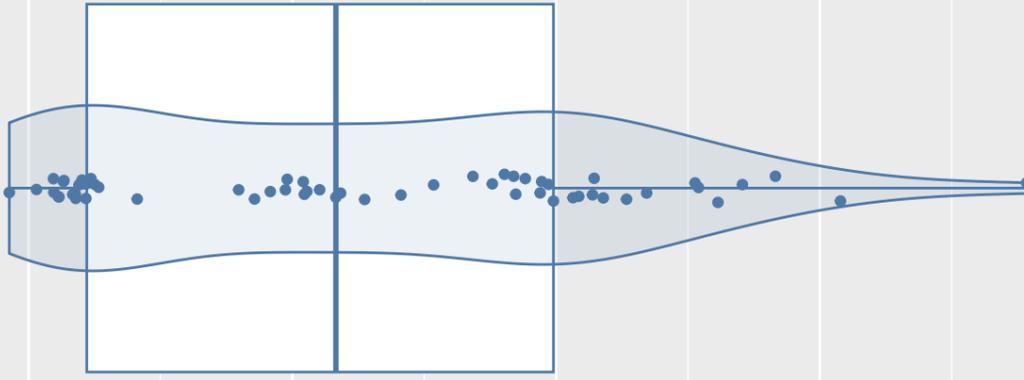
RT Version ■ barriers ■ trunk ■ trunk+backports

# lib-runtime-events/test\_caml\_slot\_reuse

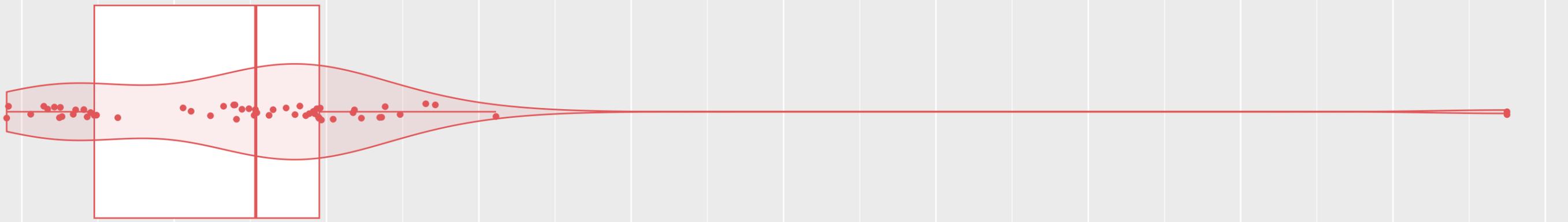
trunk



barriers



trunk+backports



Duration, seconds

RT Version ■ barriers ■ trunk ■ trunk+backports