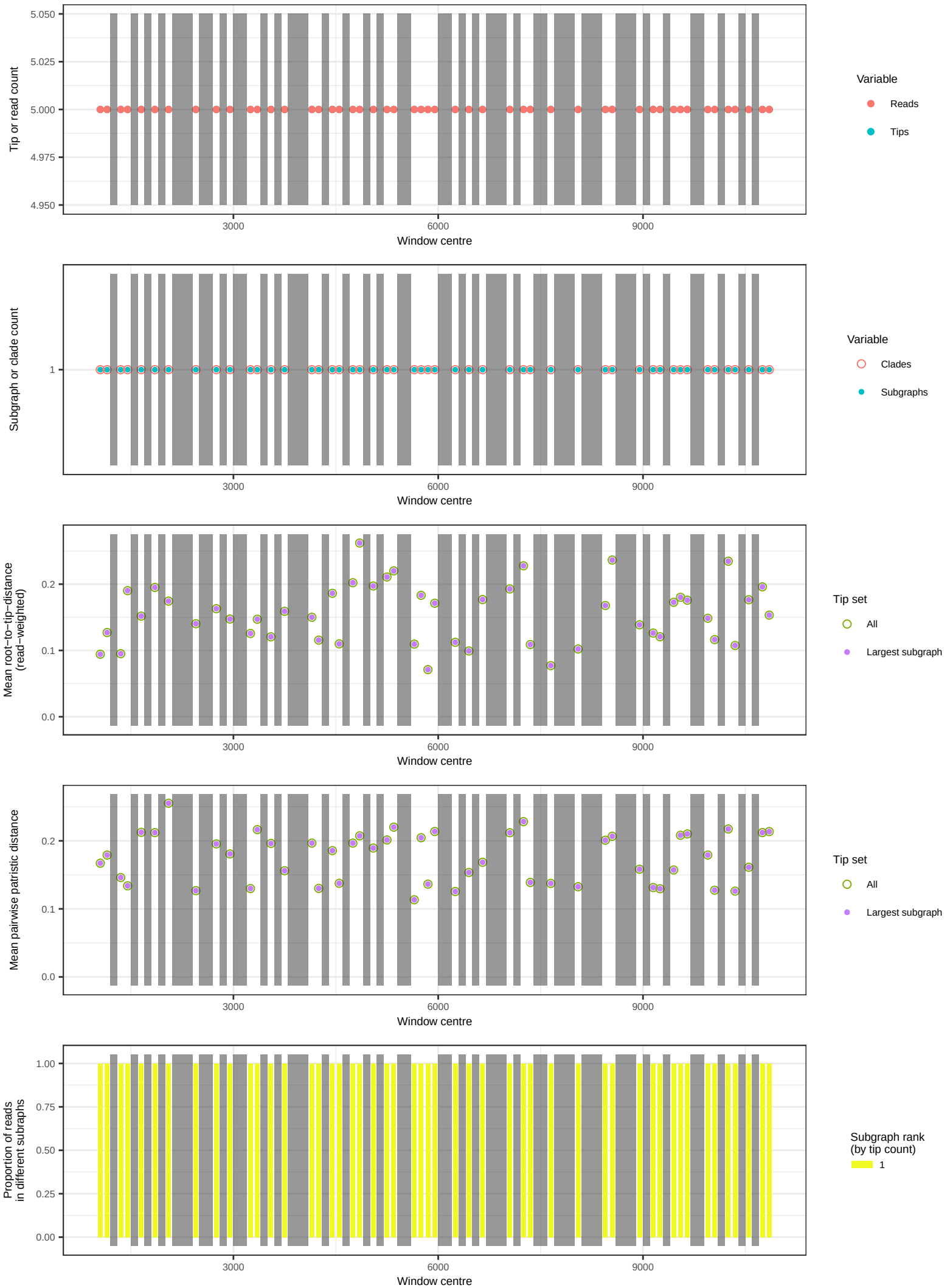
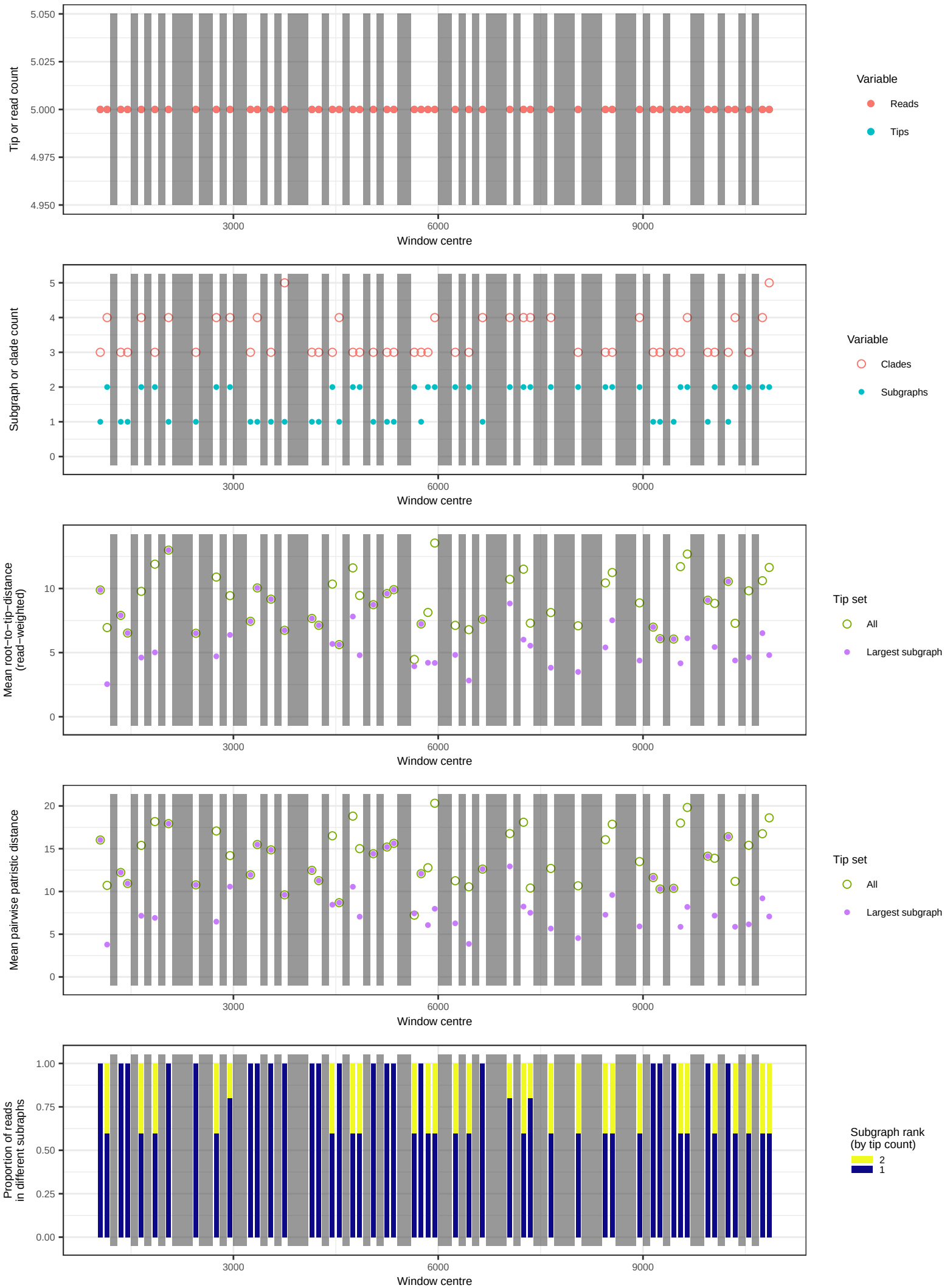
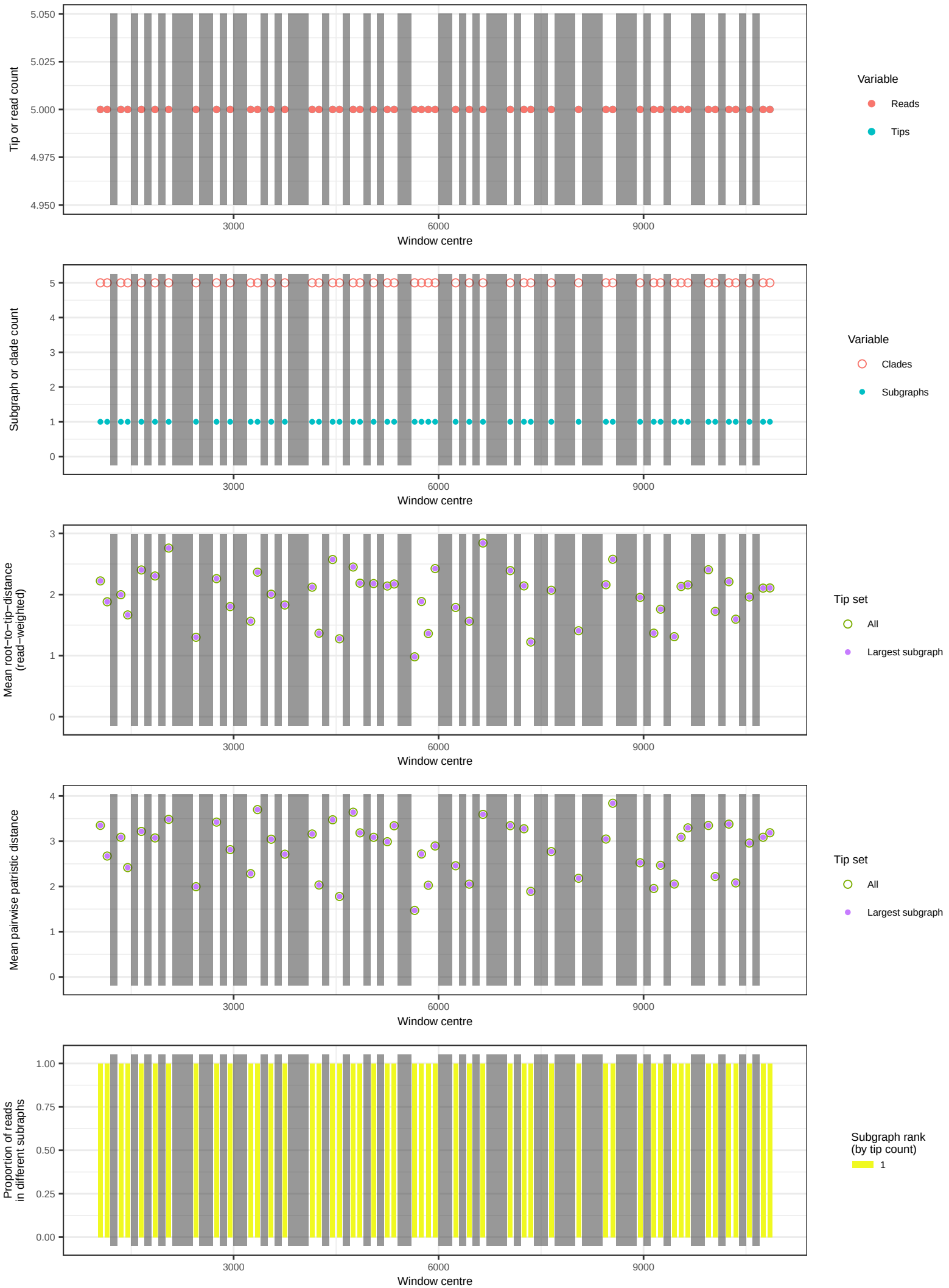
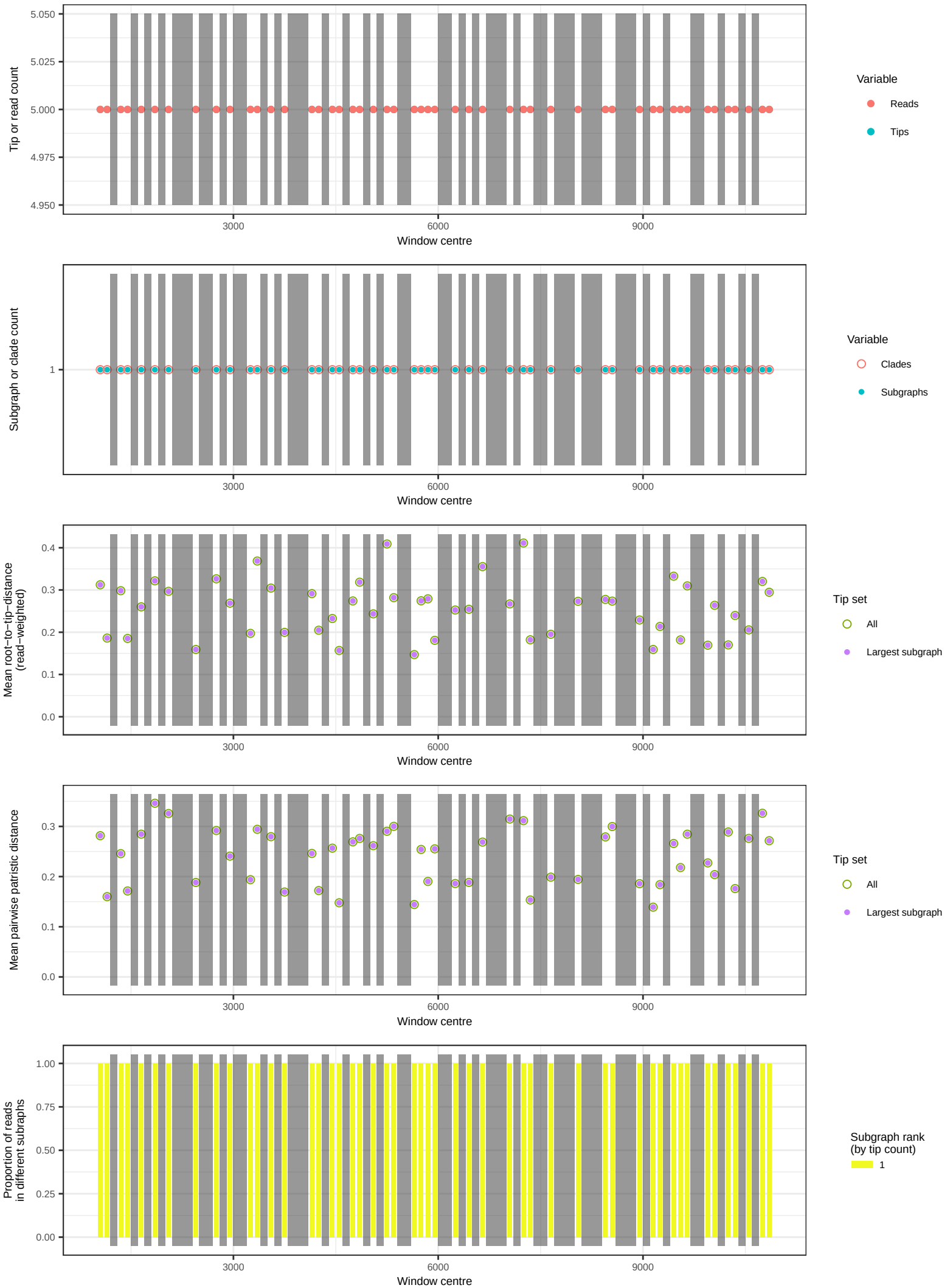
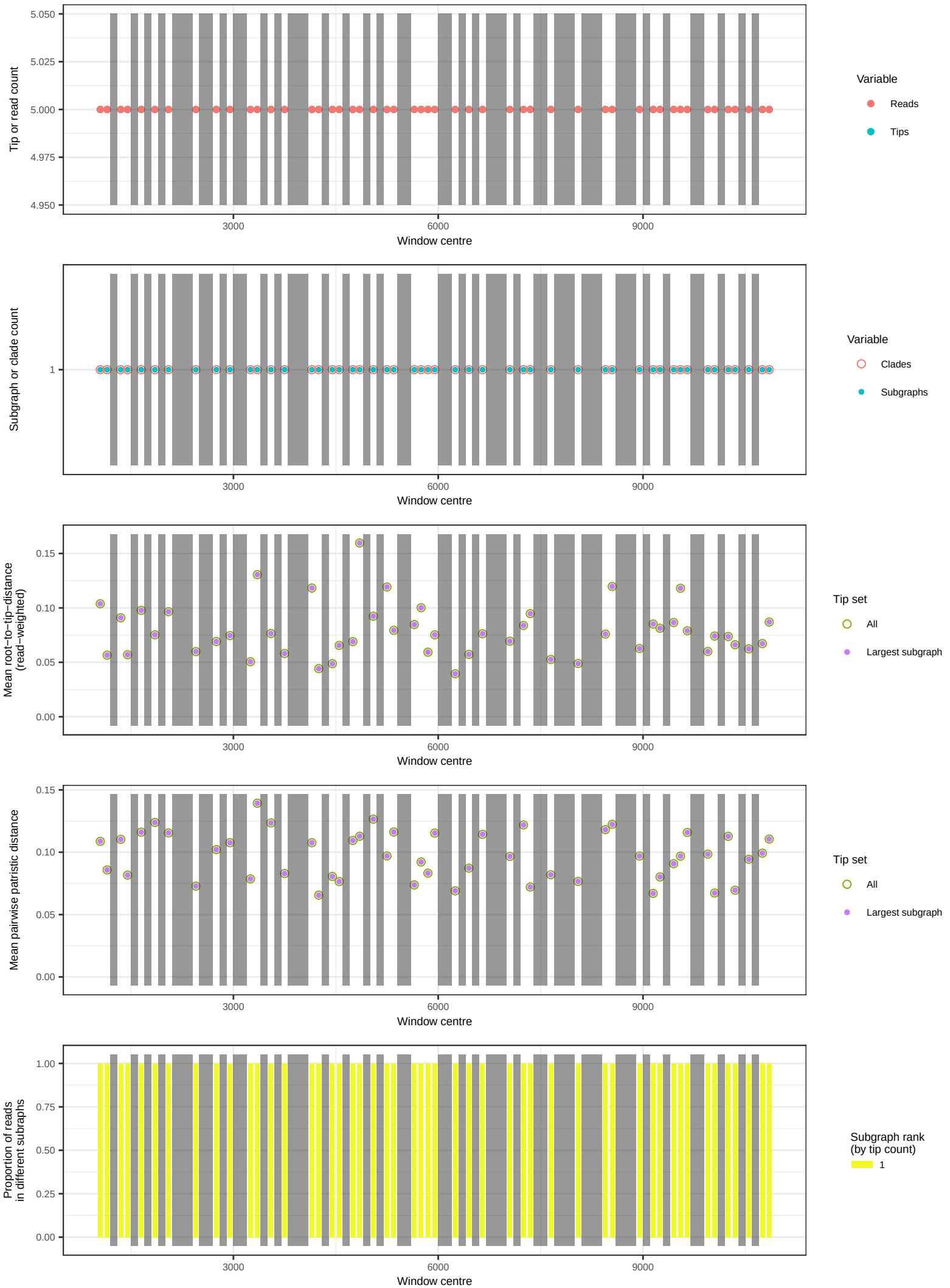
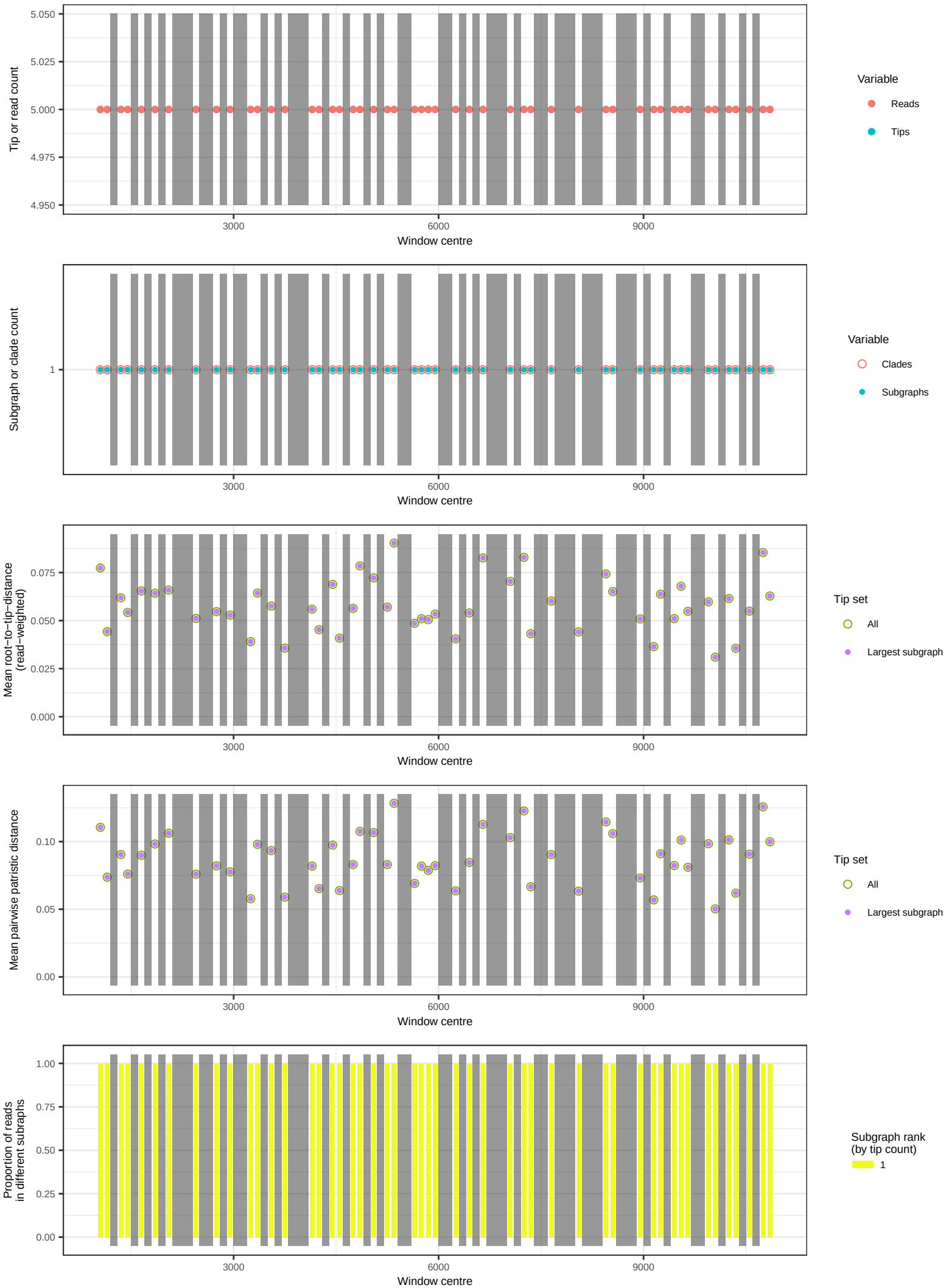

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

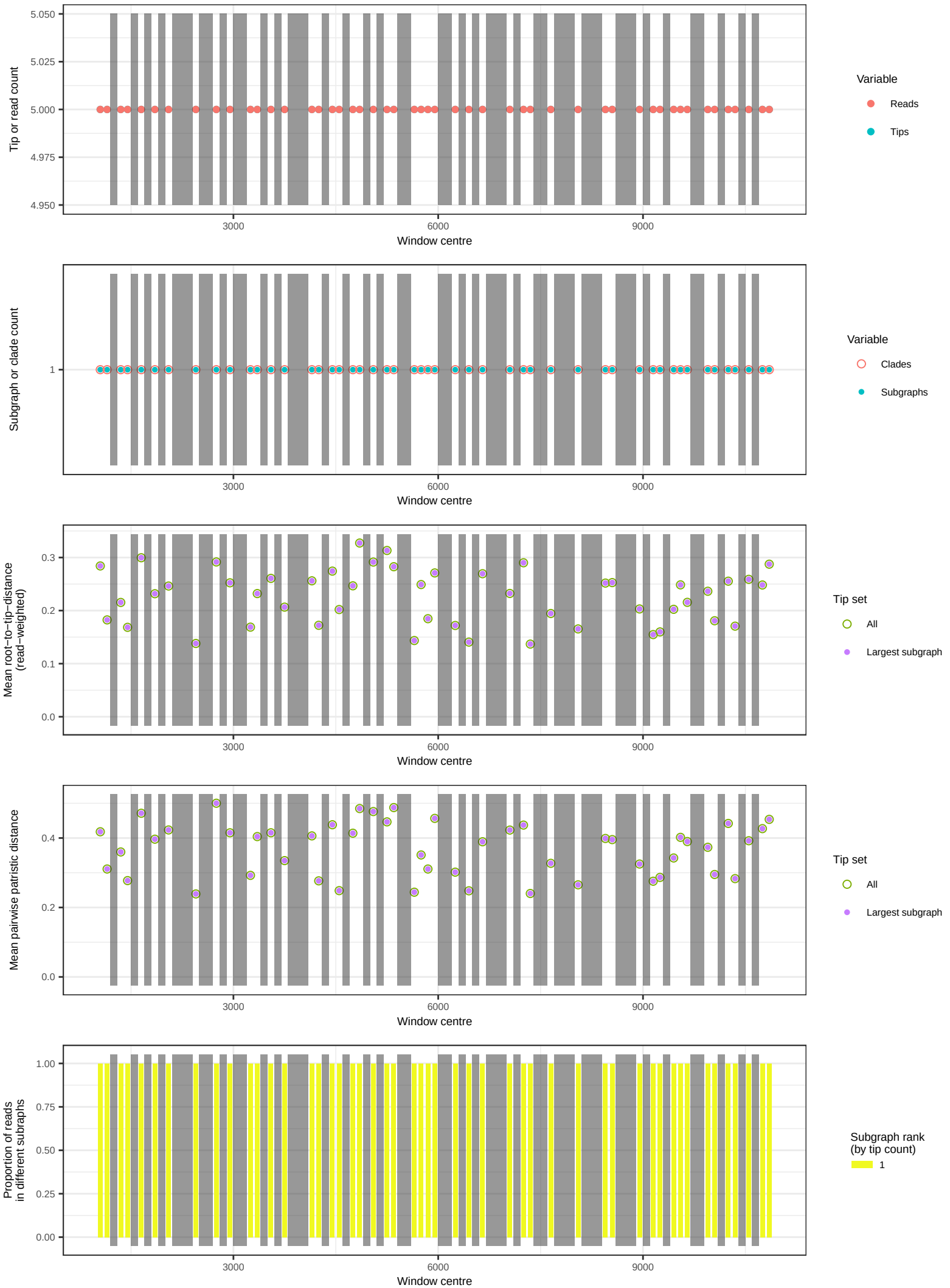

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
10
5
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
20
15
10
5
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1

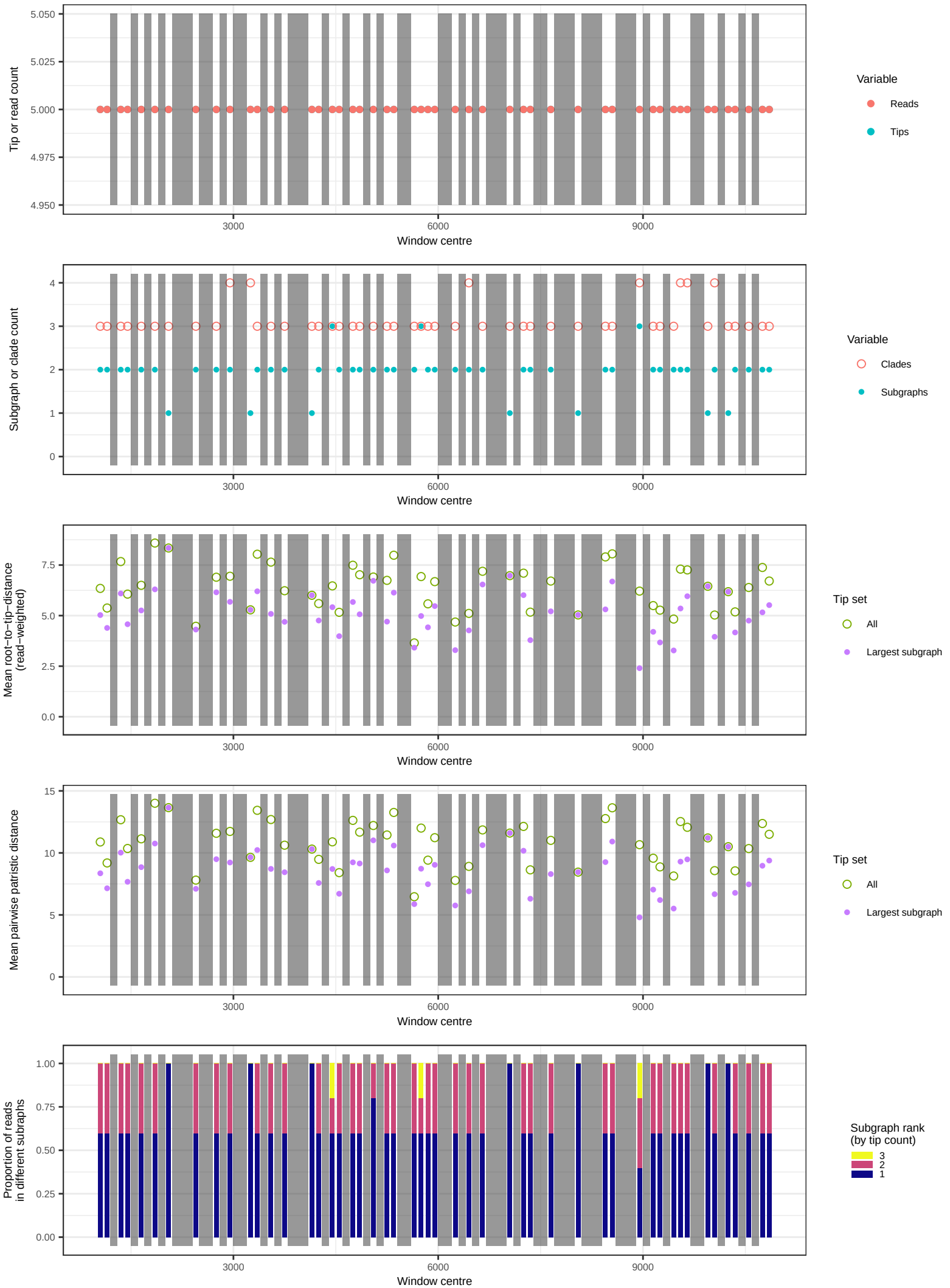

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

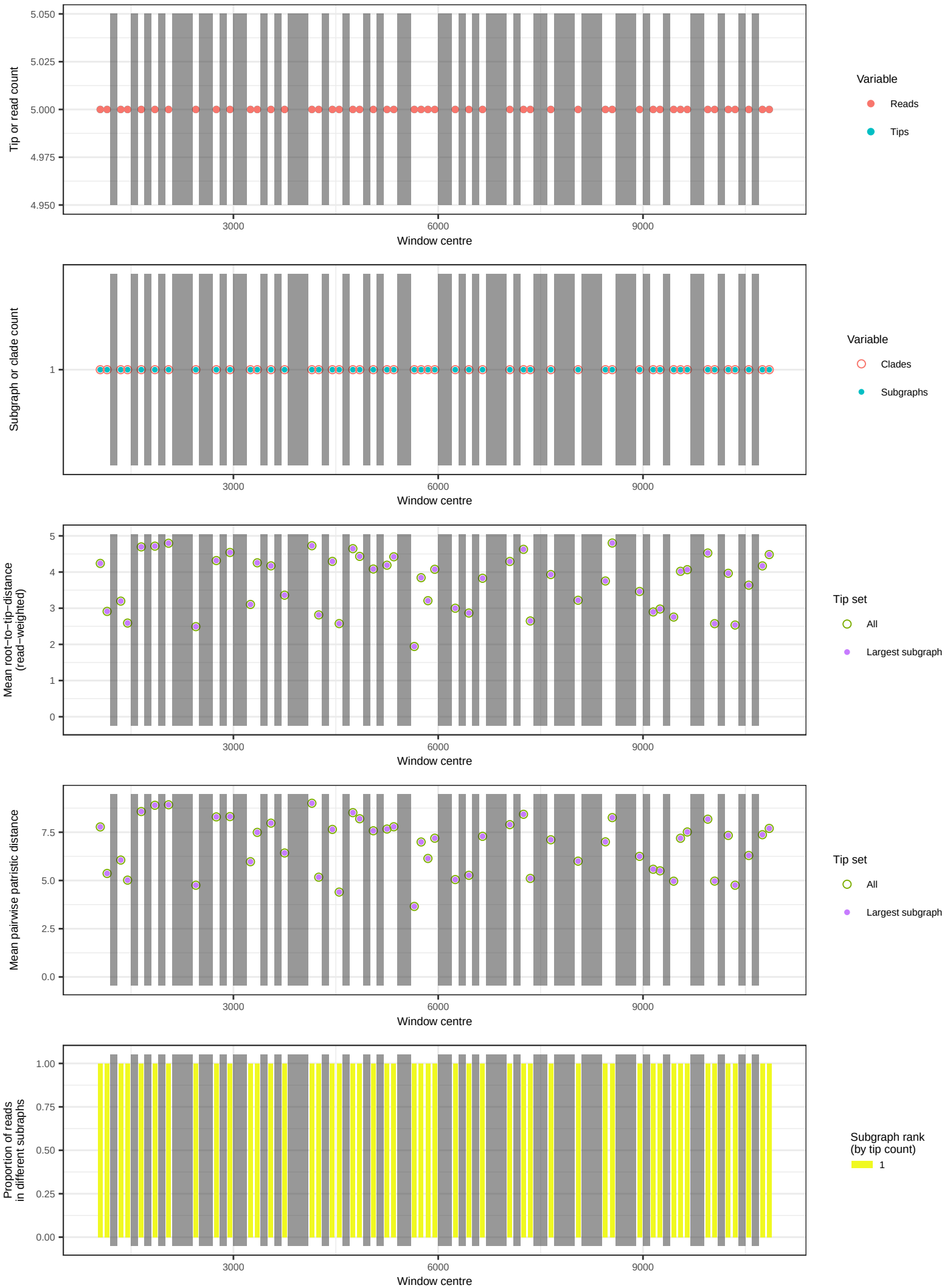

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

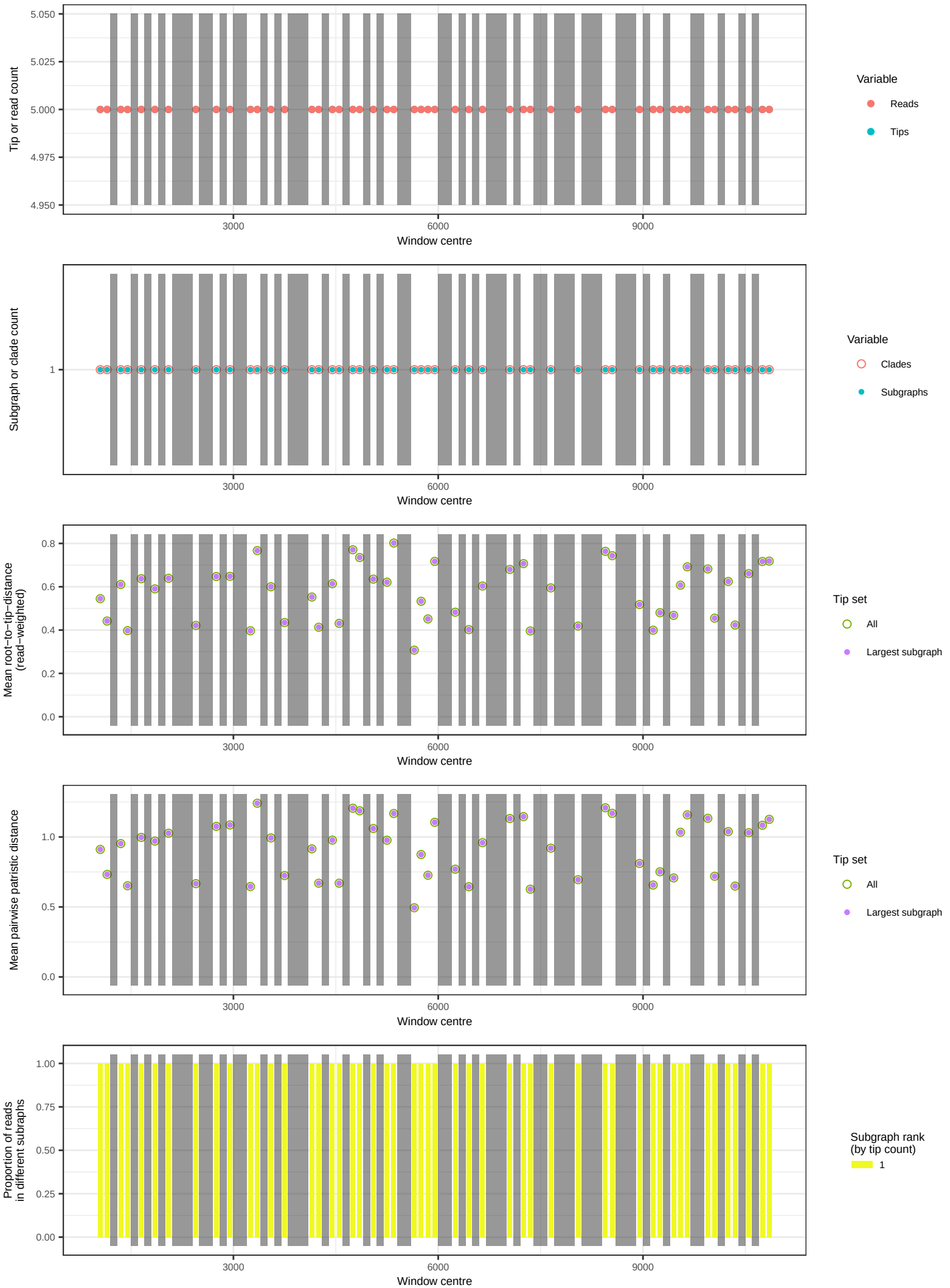

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

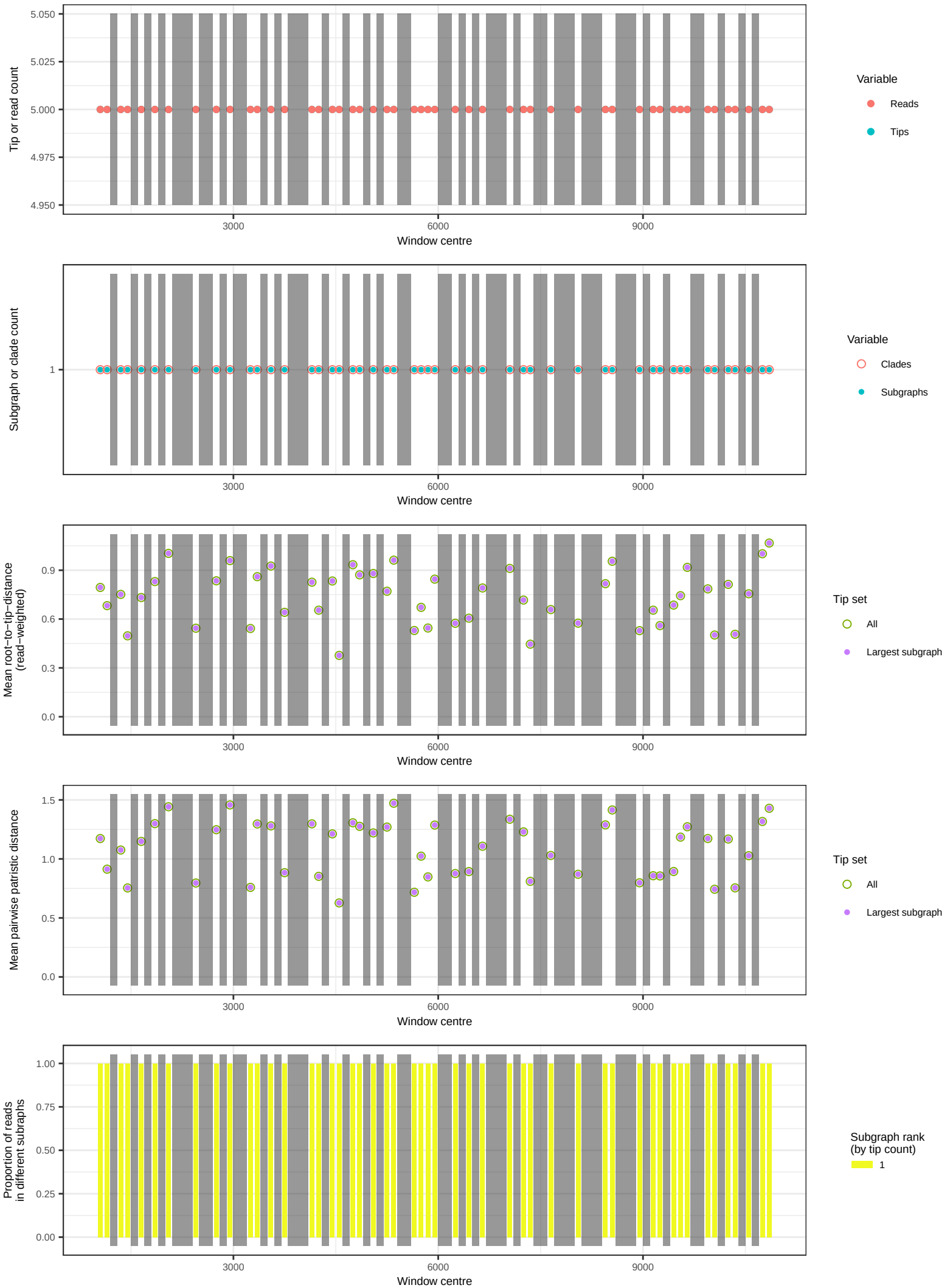

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.075
0.050
0.025
0.000
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

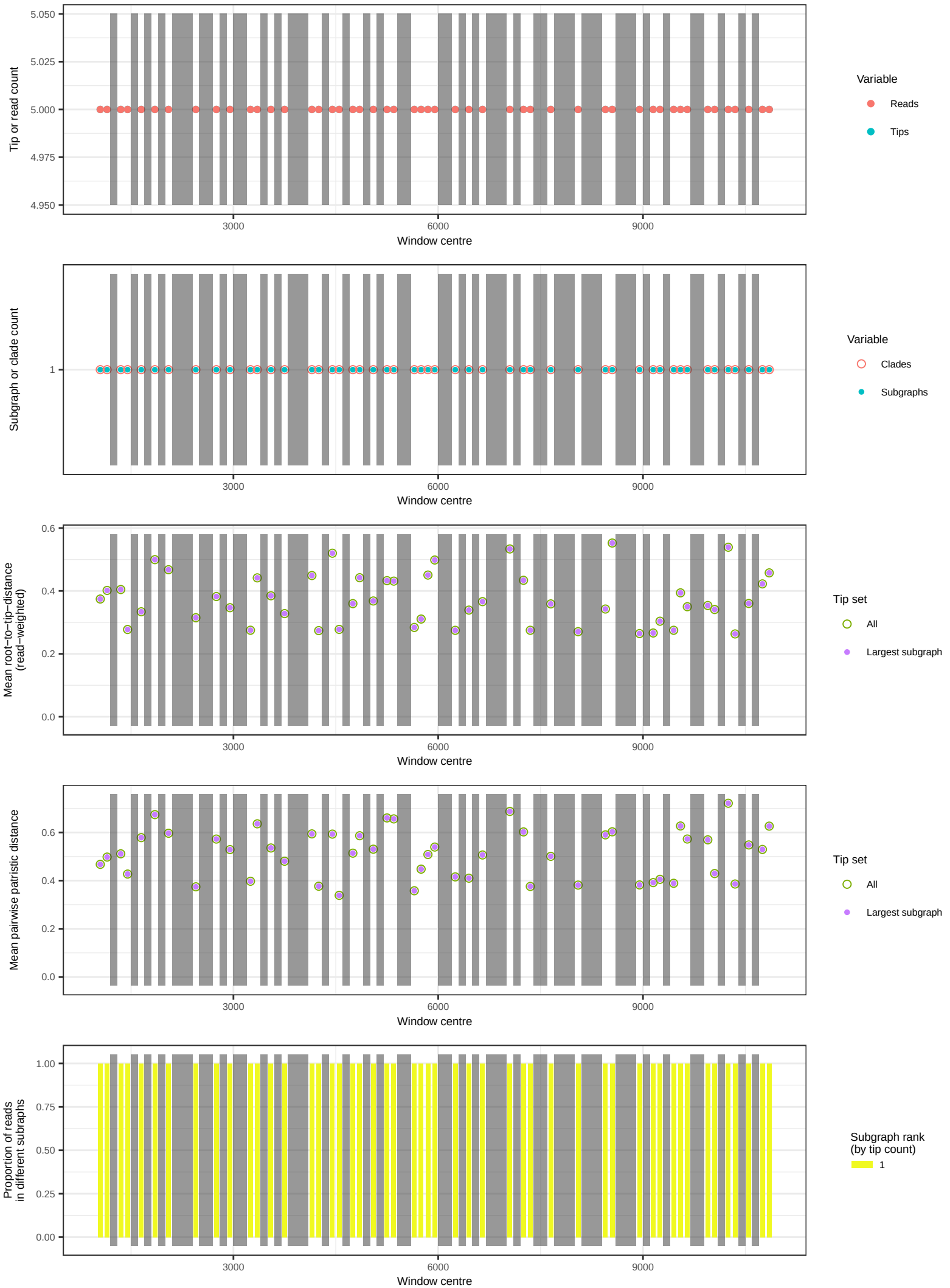

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

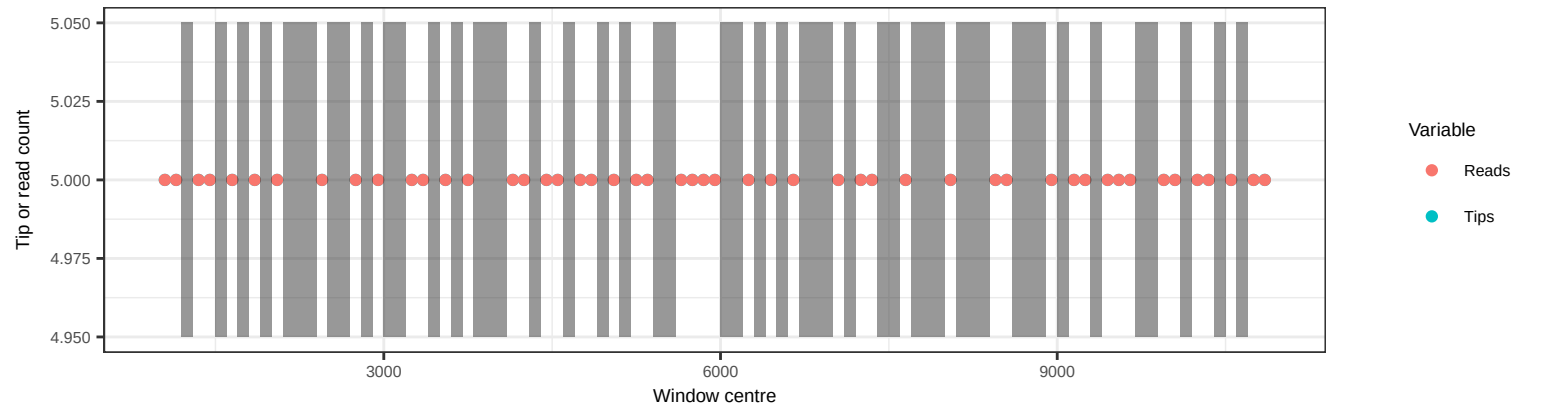

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
15
10
5
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
3
2
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
5
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.8
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.9
0.6
0.3
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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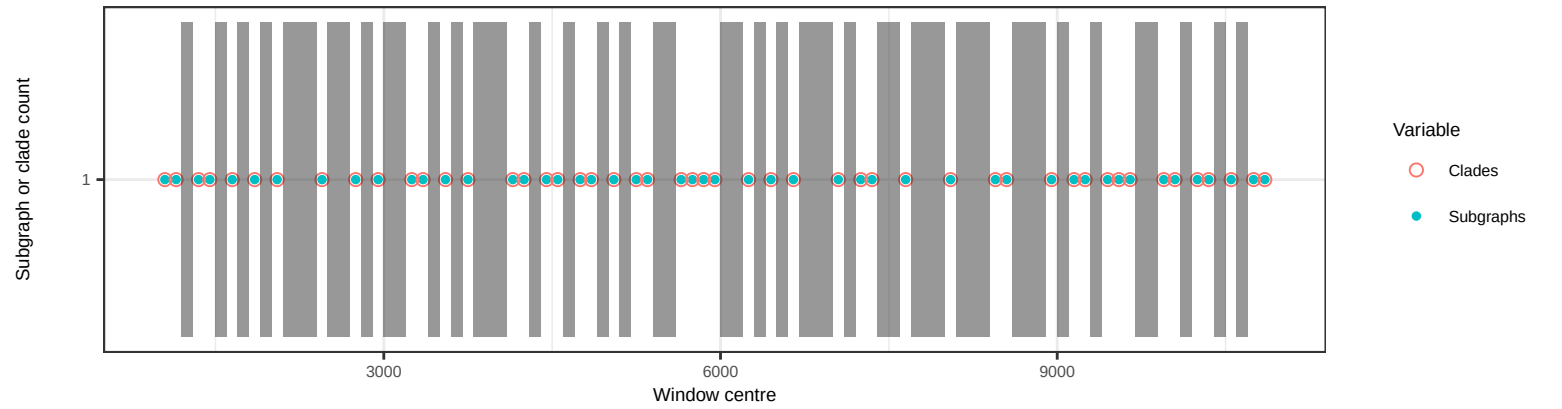
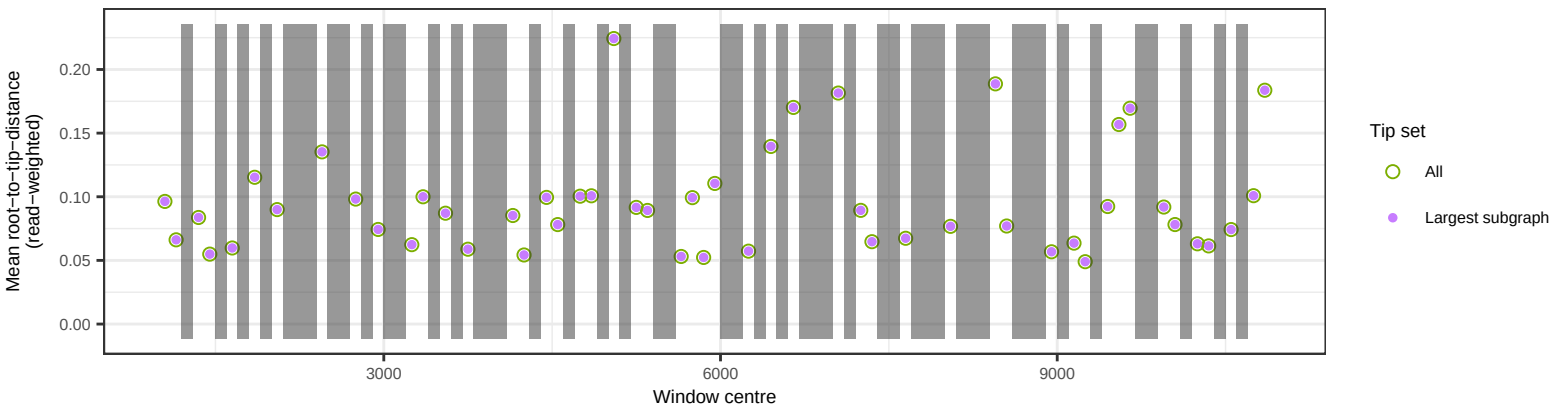
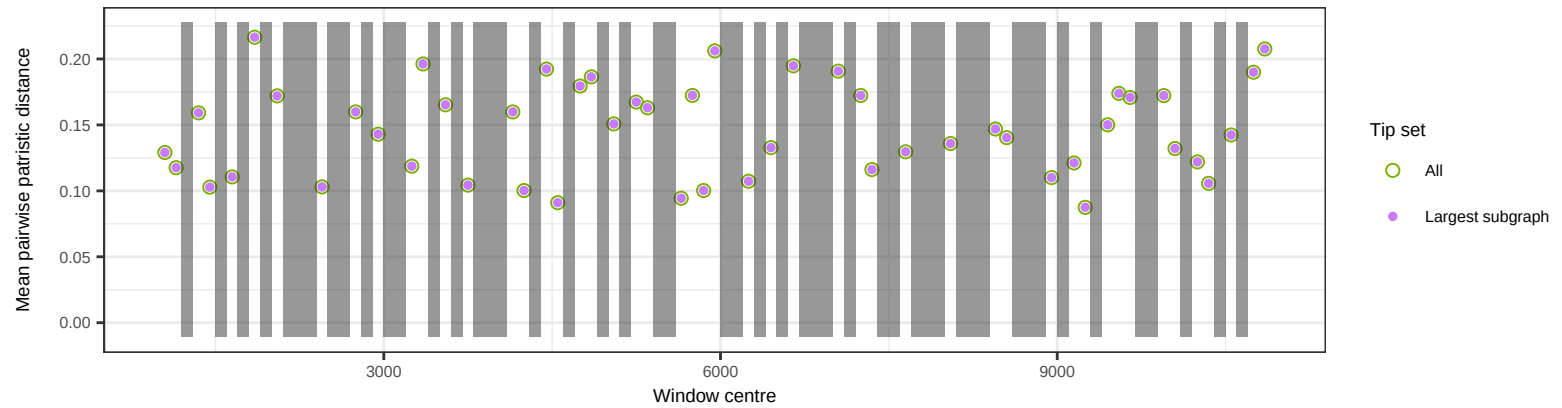
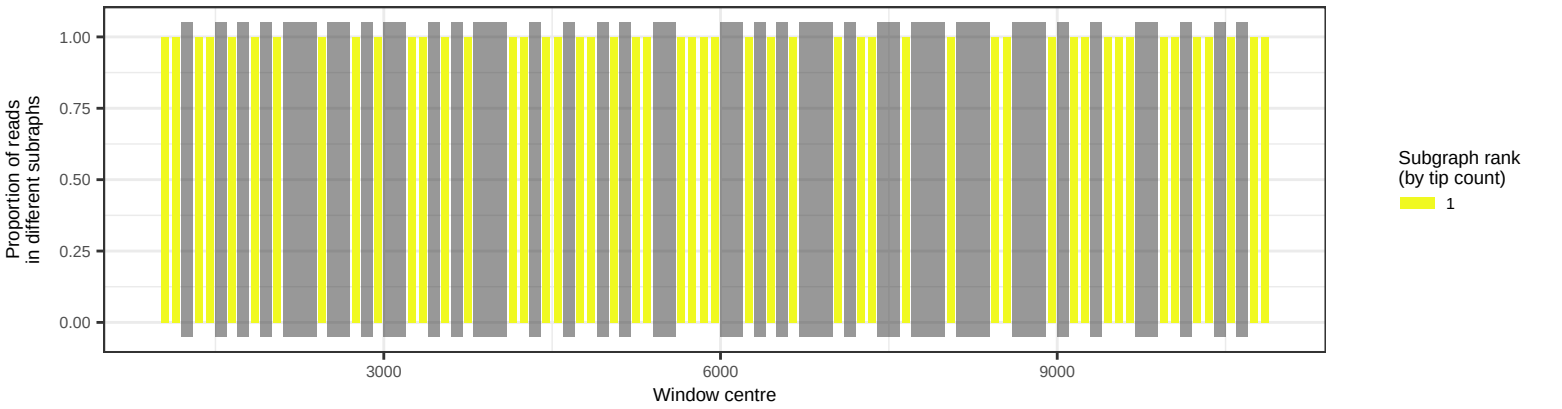
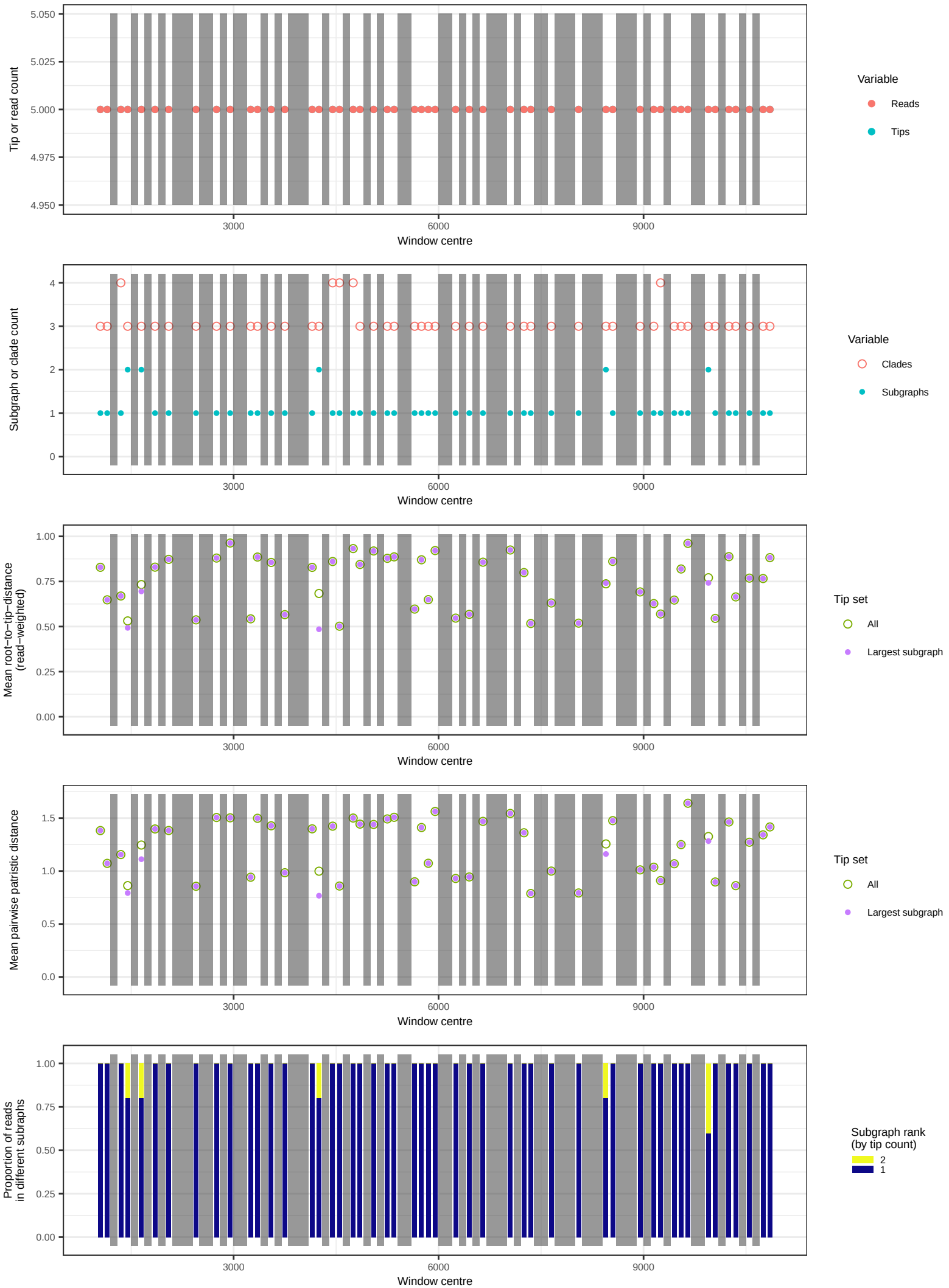
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips

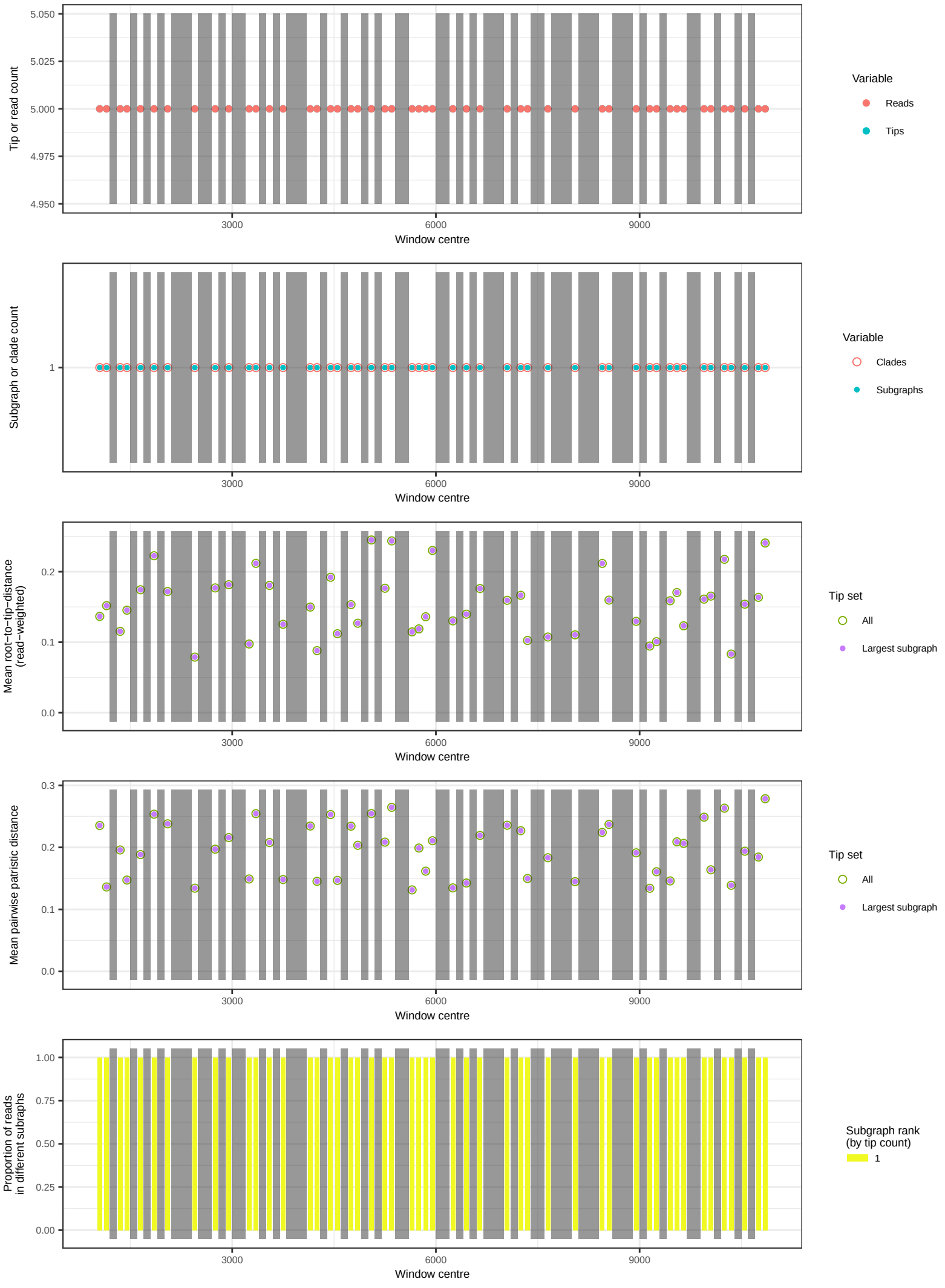

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

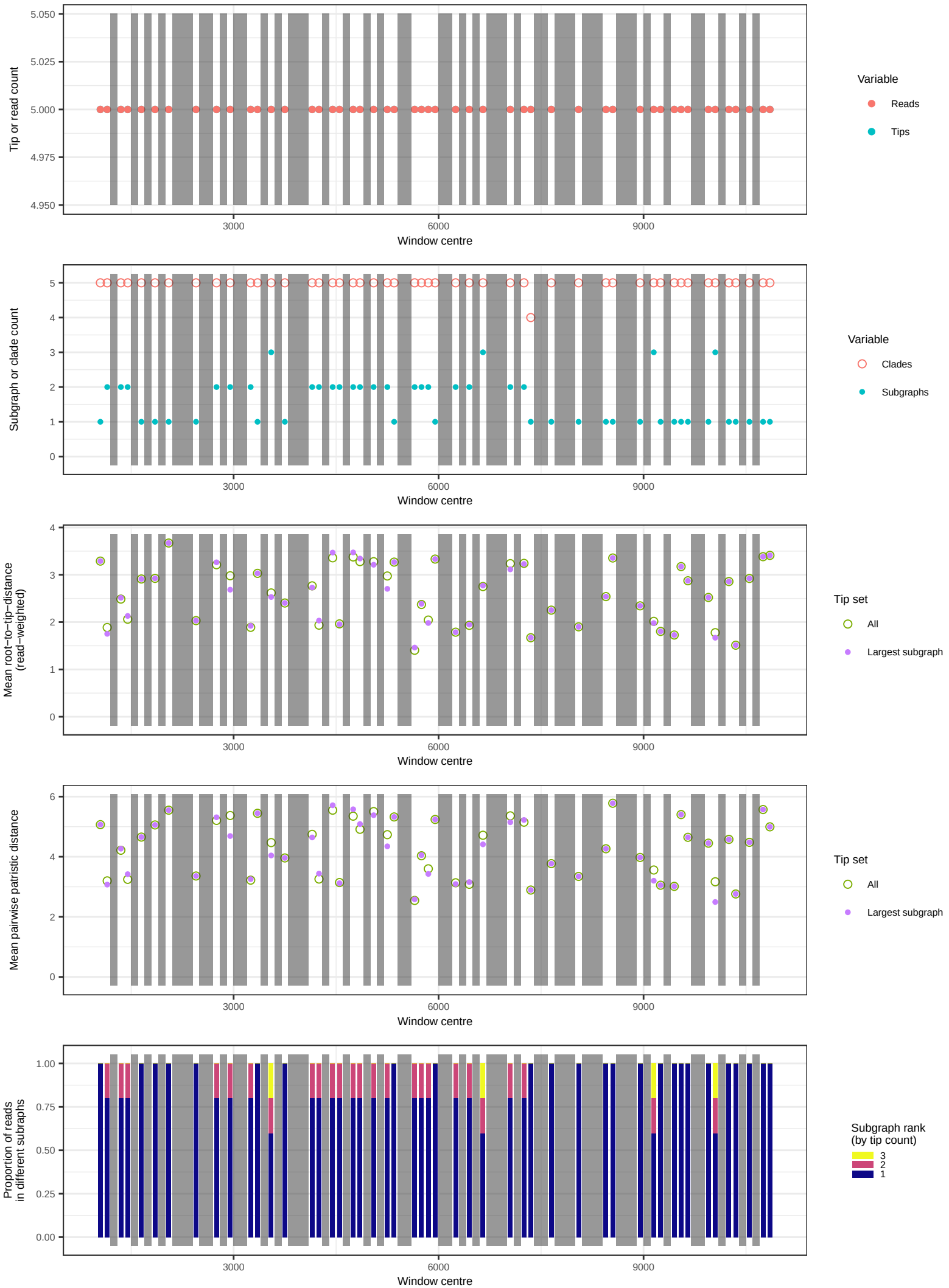

Mean root−to−tip−distance
(read−weighted)
0.20
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Mean pairwise patristic distance
0.20
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
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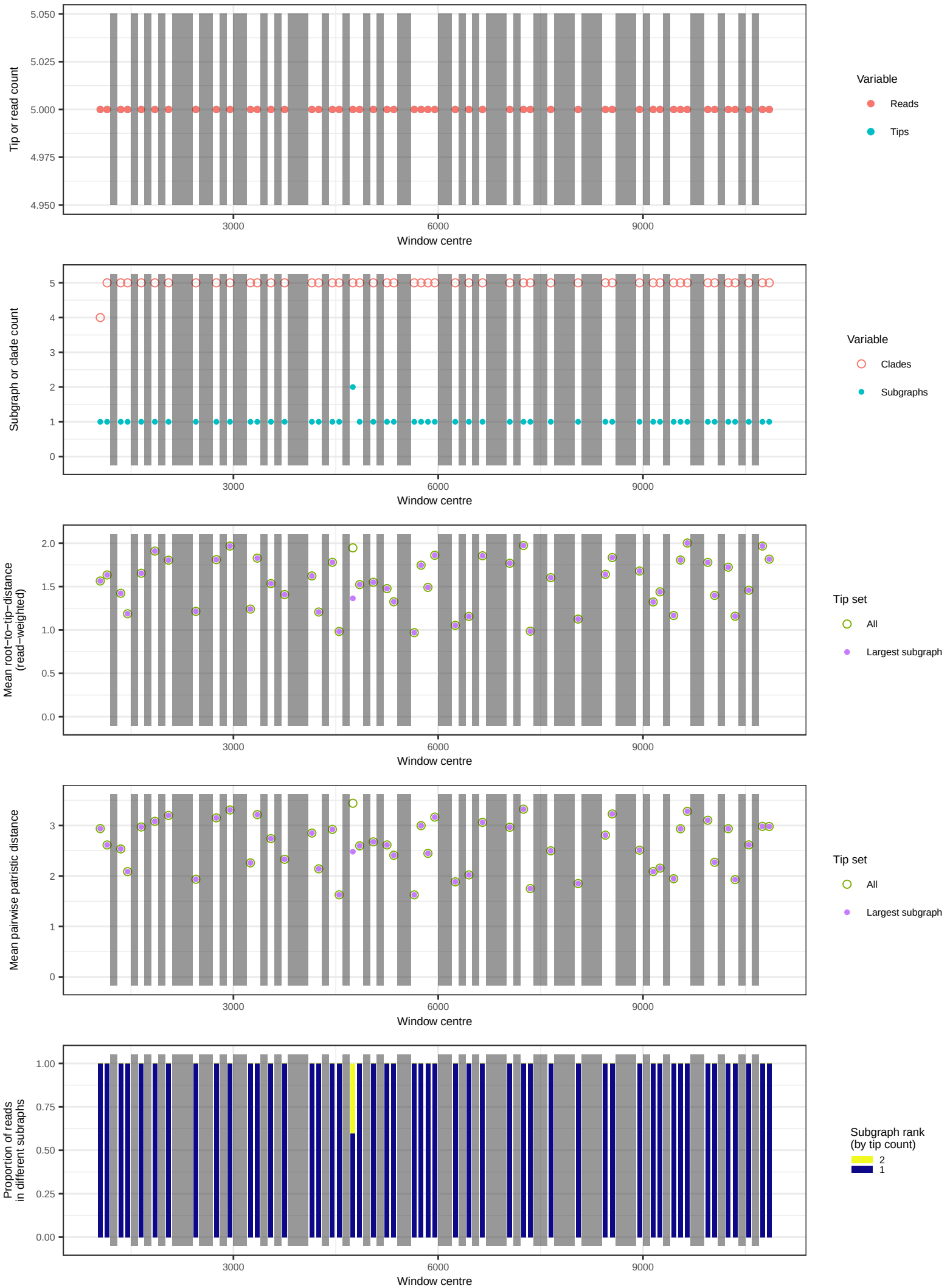
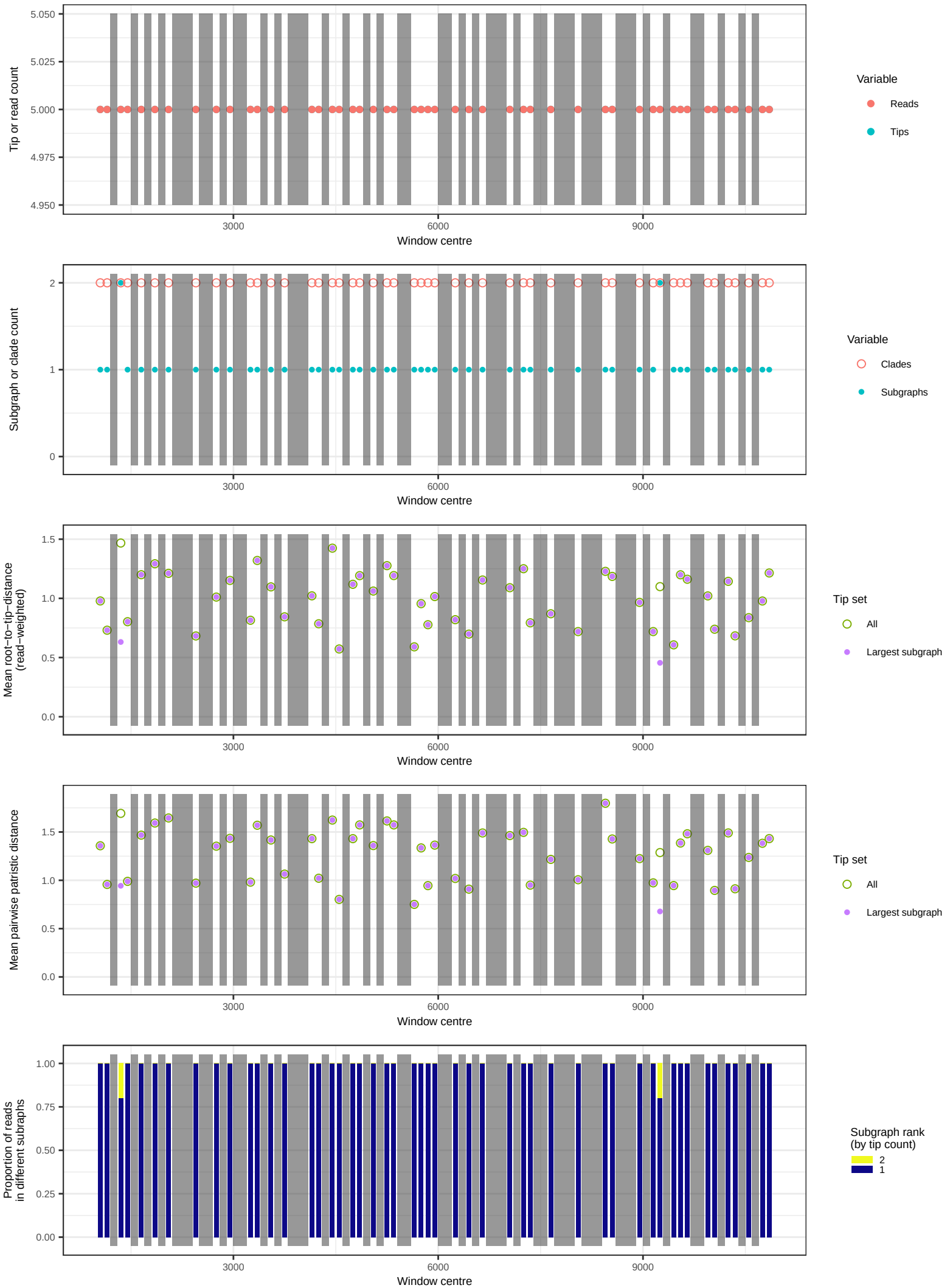
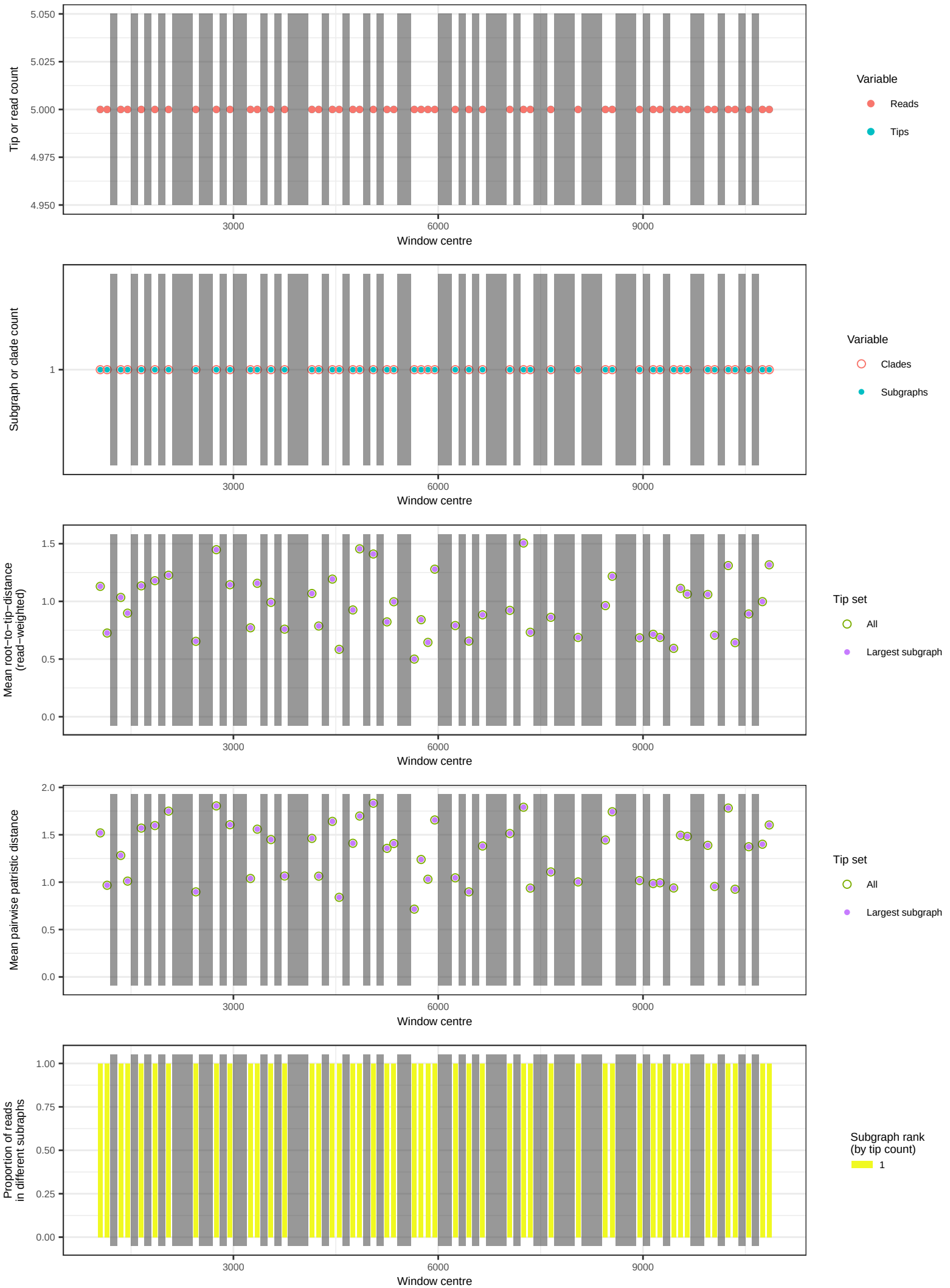
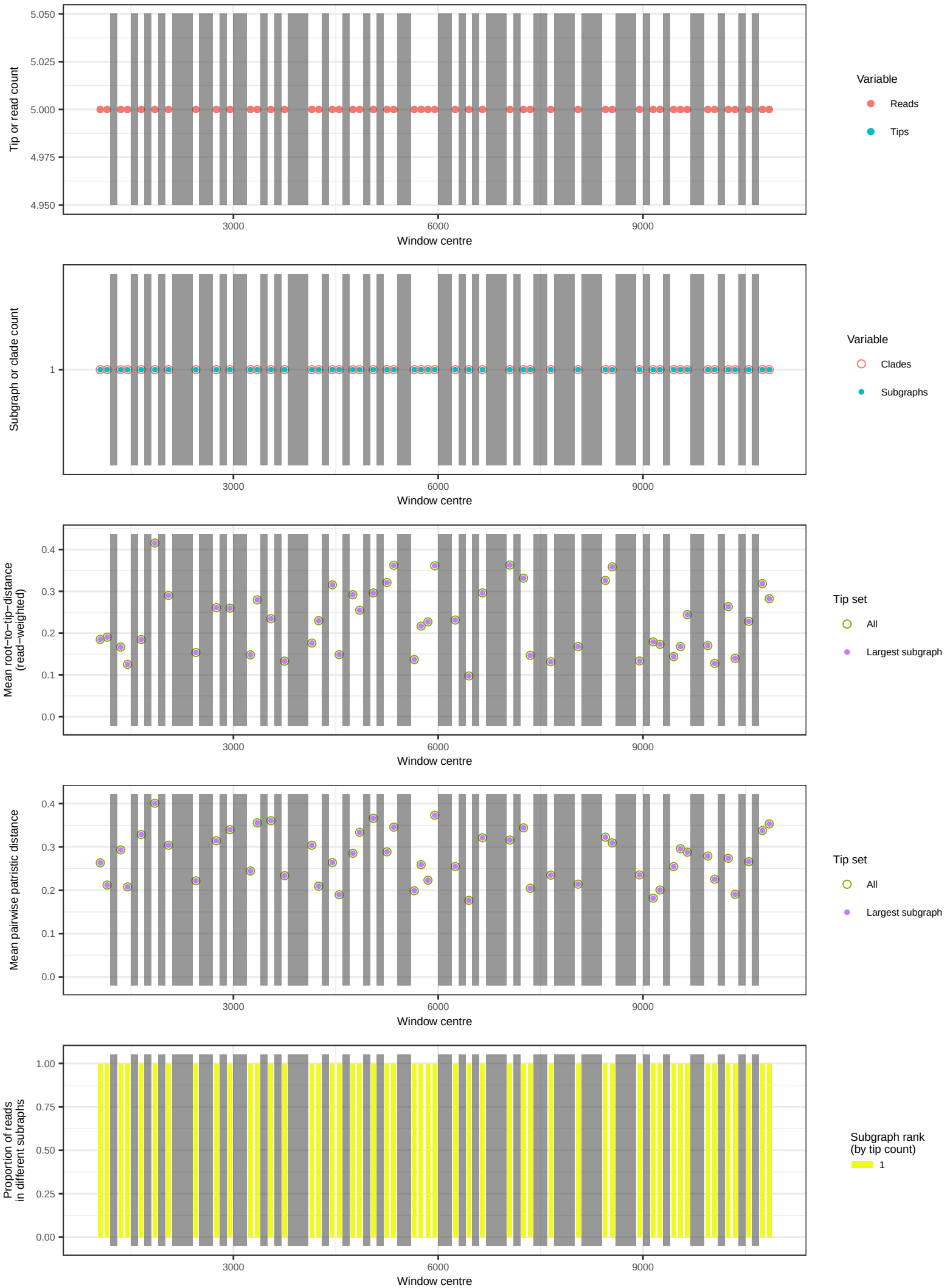
1
2
3
4
5
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
Tip set
All
Largest subgraph
Mean pairwise patristic distance
Proportion of reads in different subraphs
0.00
0.25
0.50
0.75
1.00
Subgraph rank (by tip count)
3
2
1

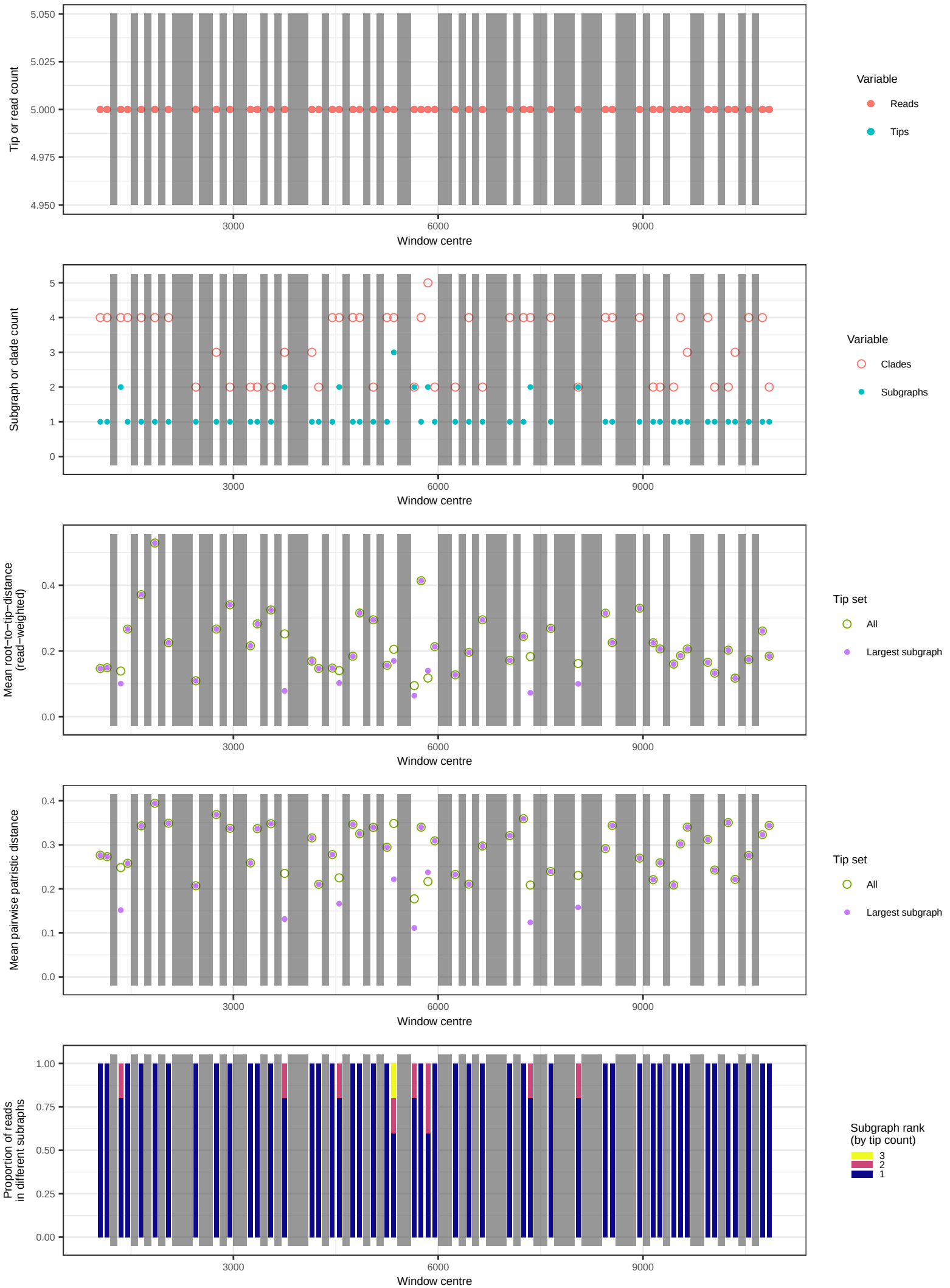
# 211

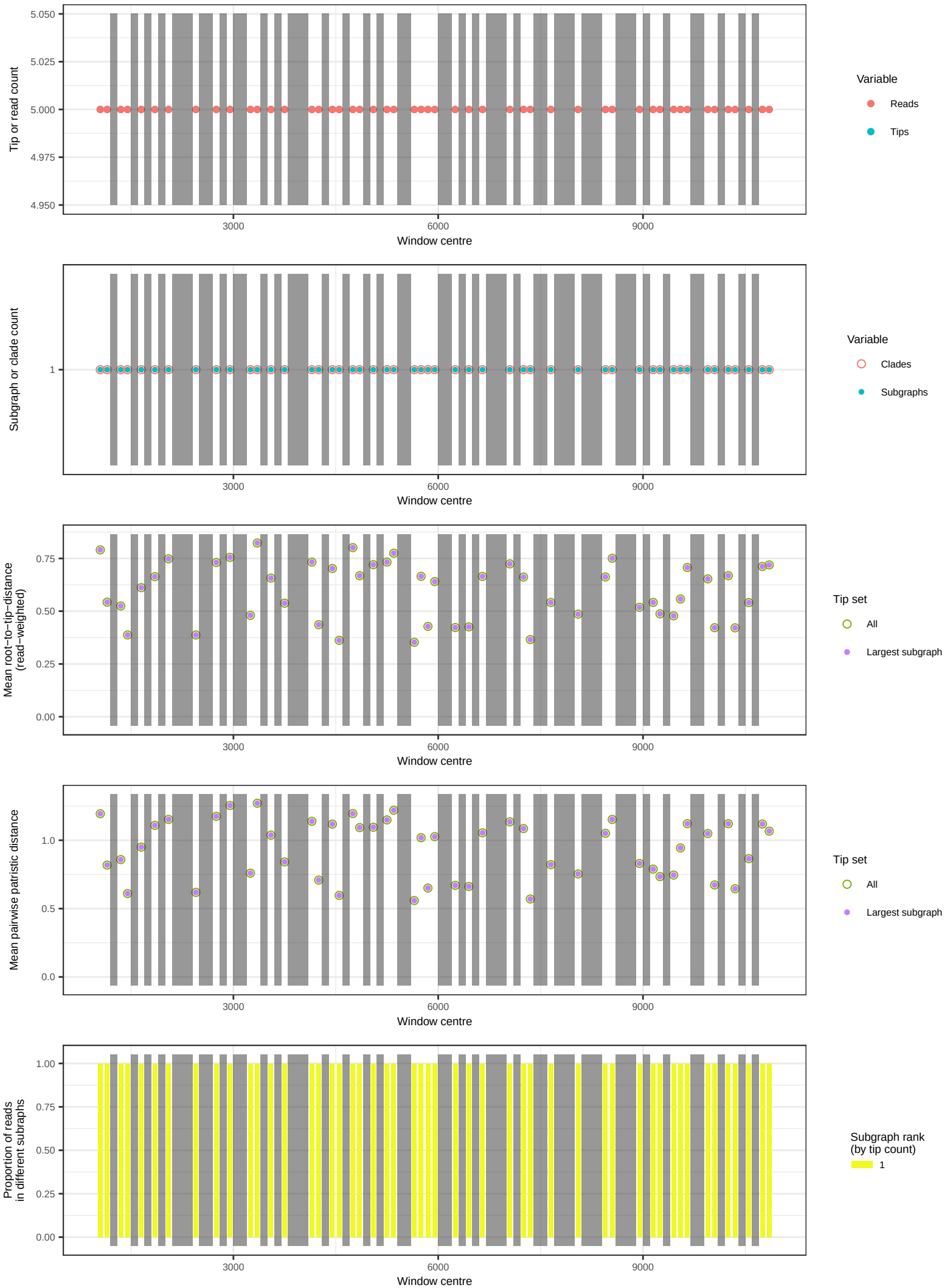

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1

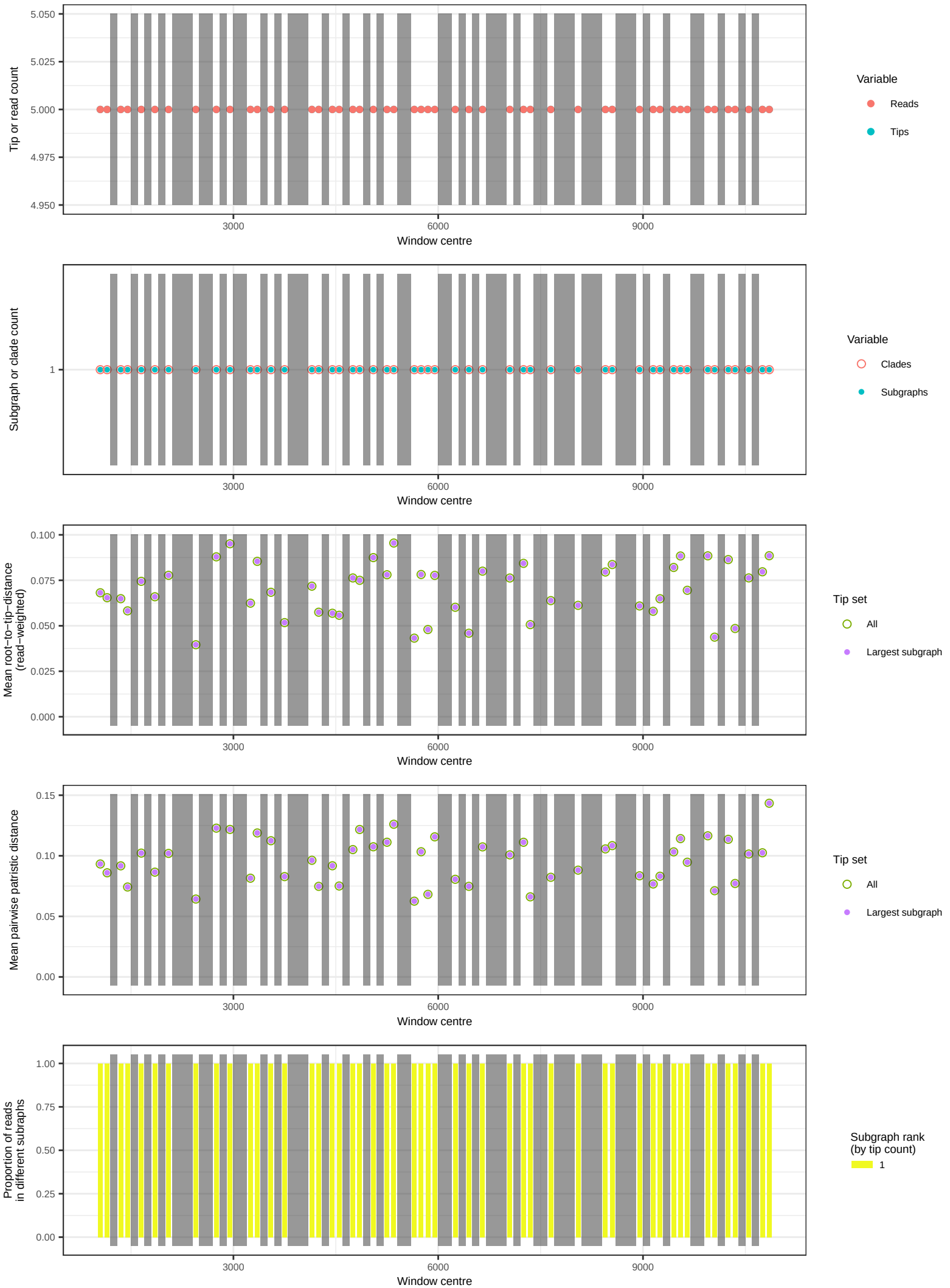

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1

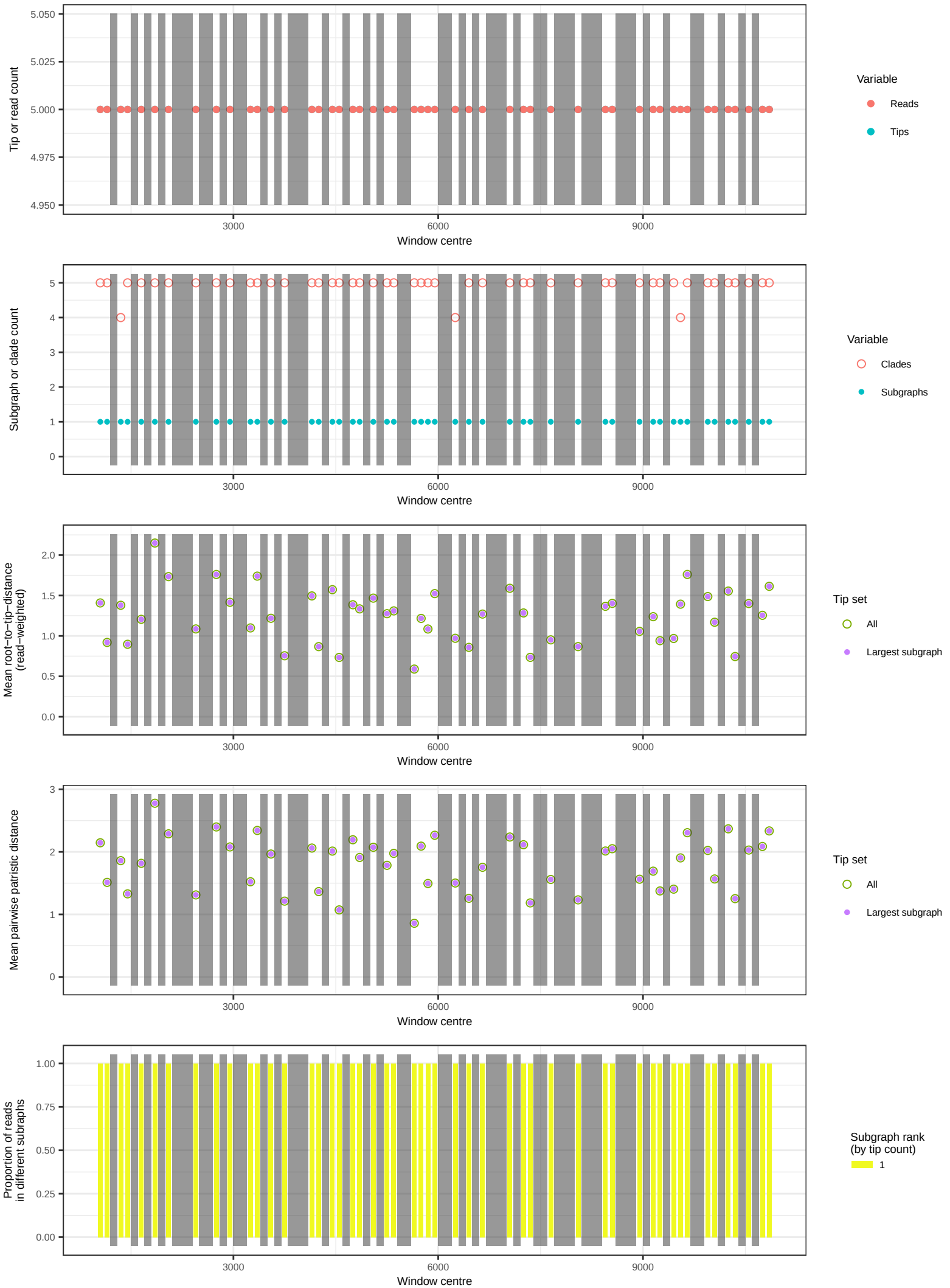

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

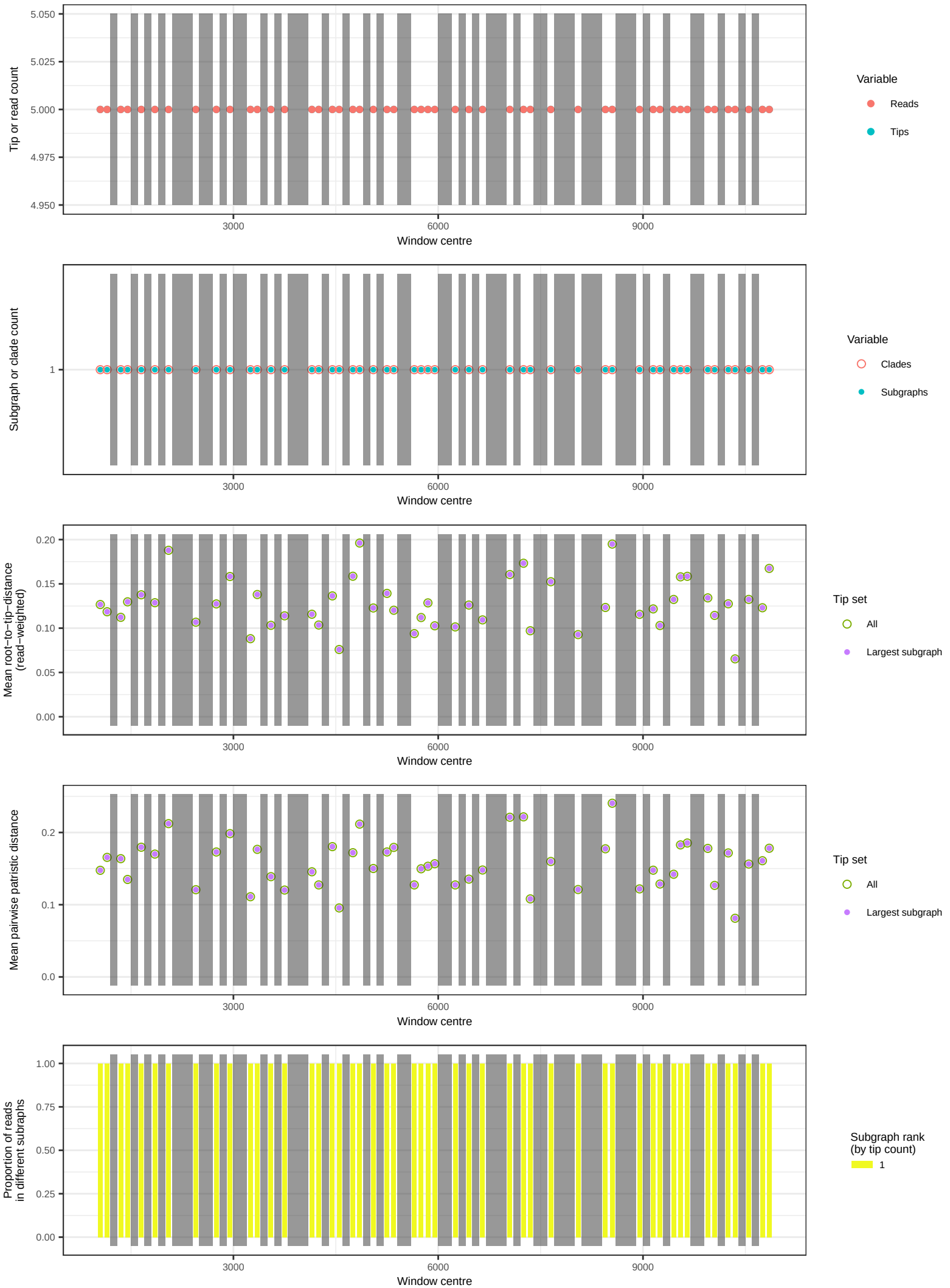

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

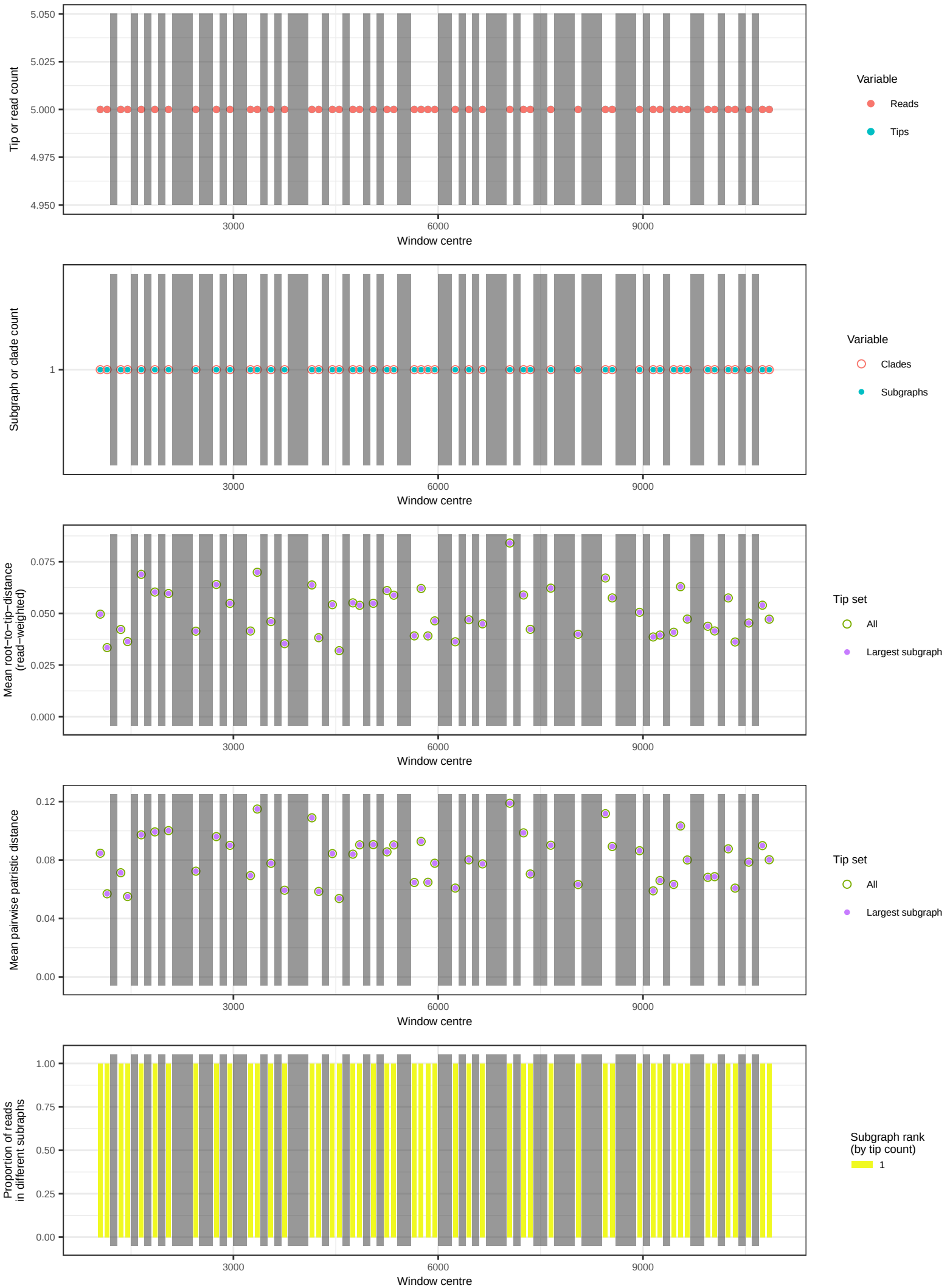

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
3
2
1

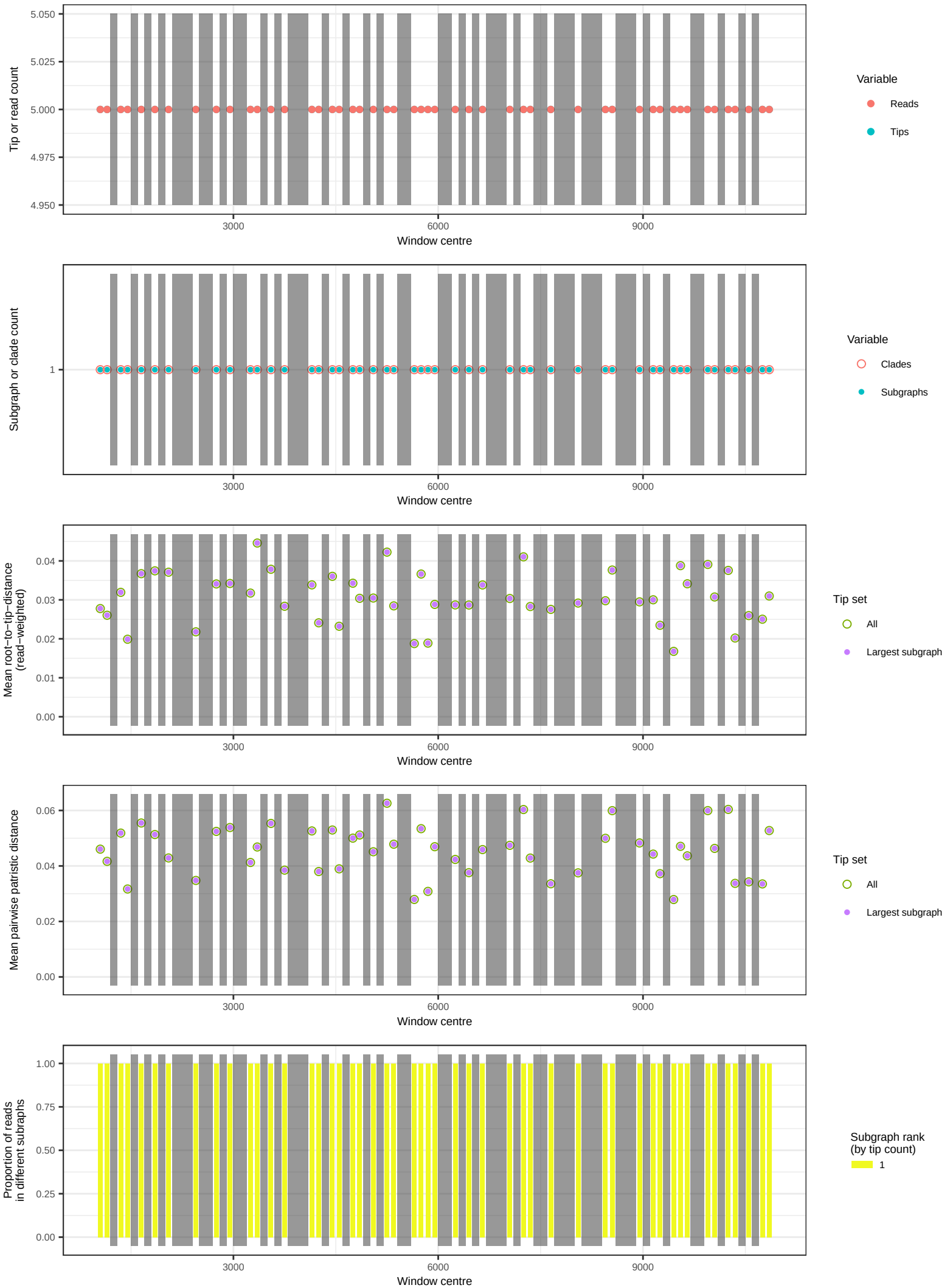

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

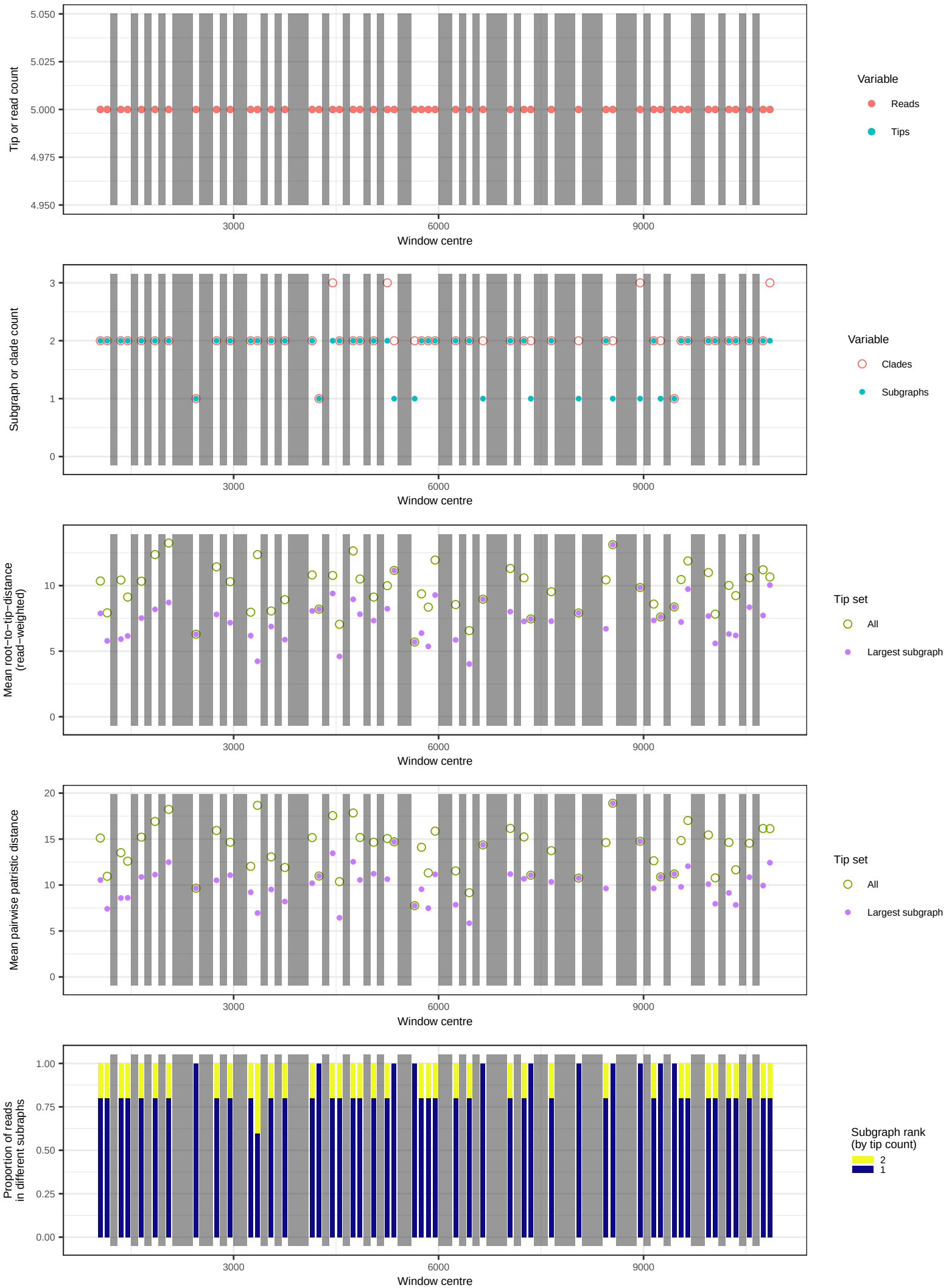

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.100
0.075
0.050
0.025
0.000
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

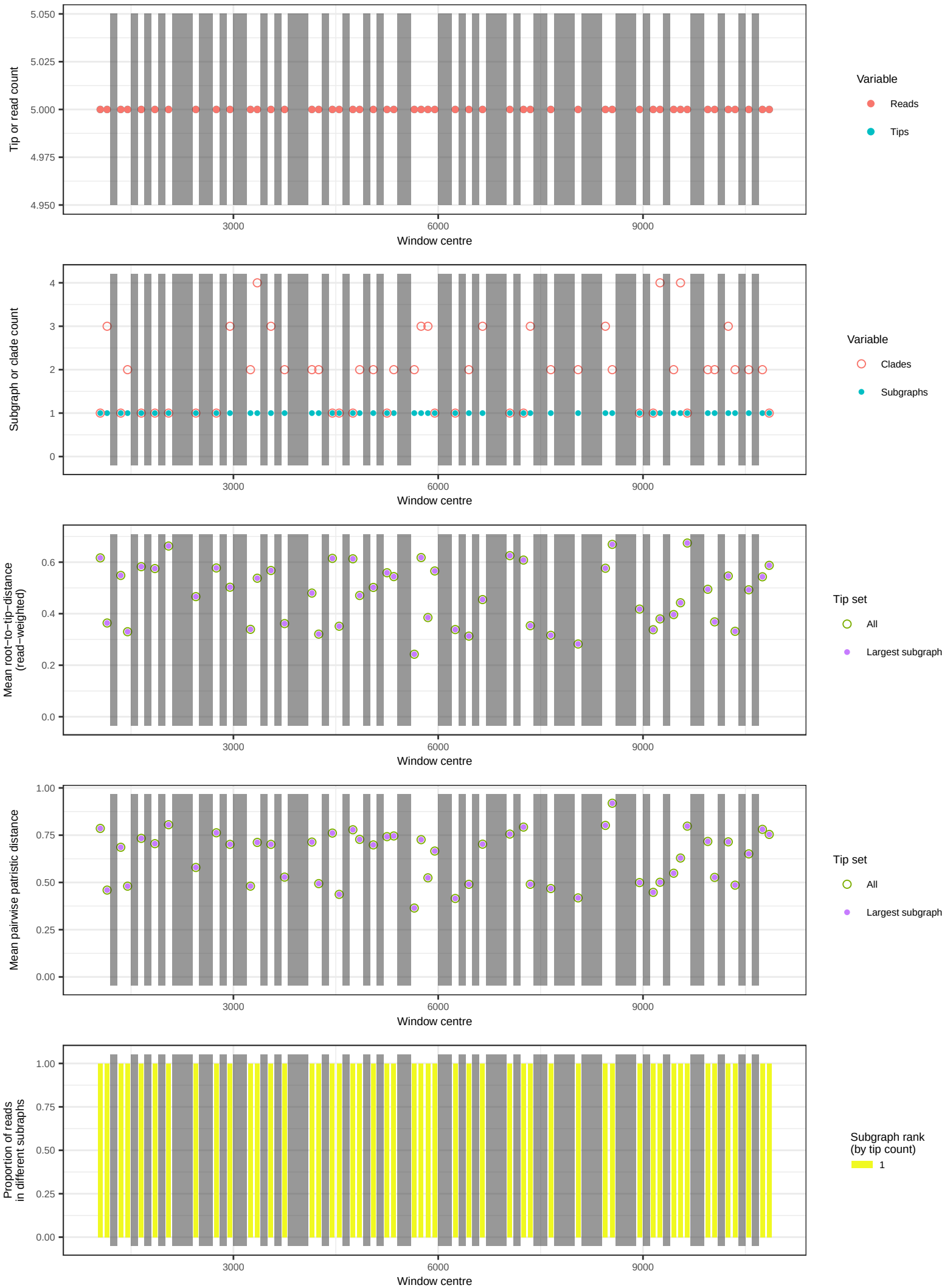

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

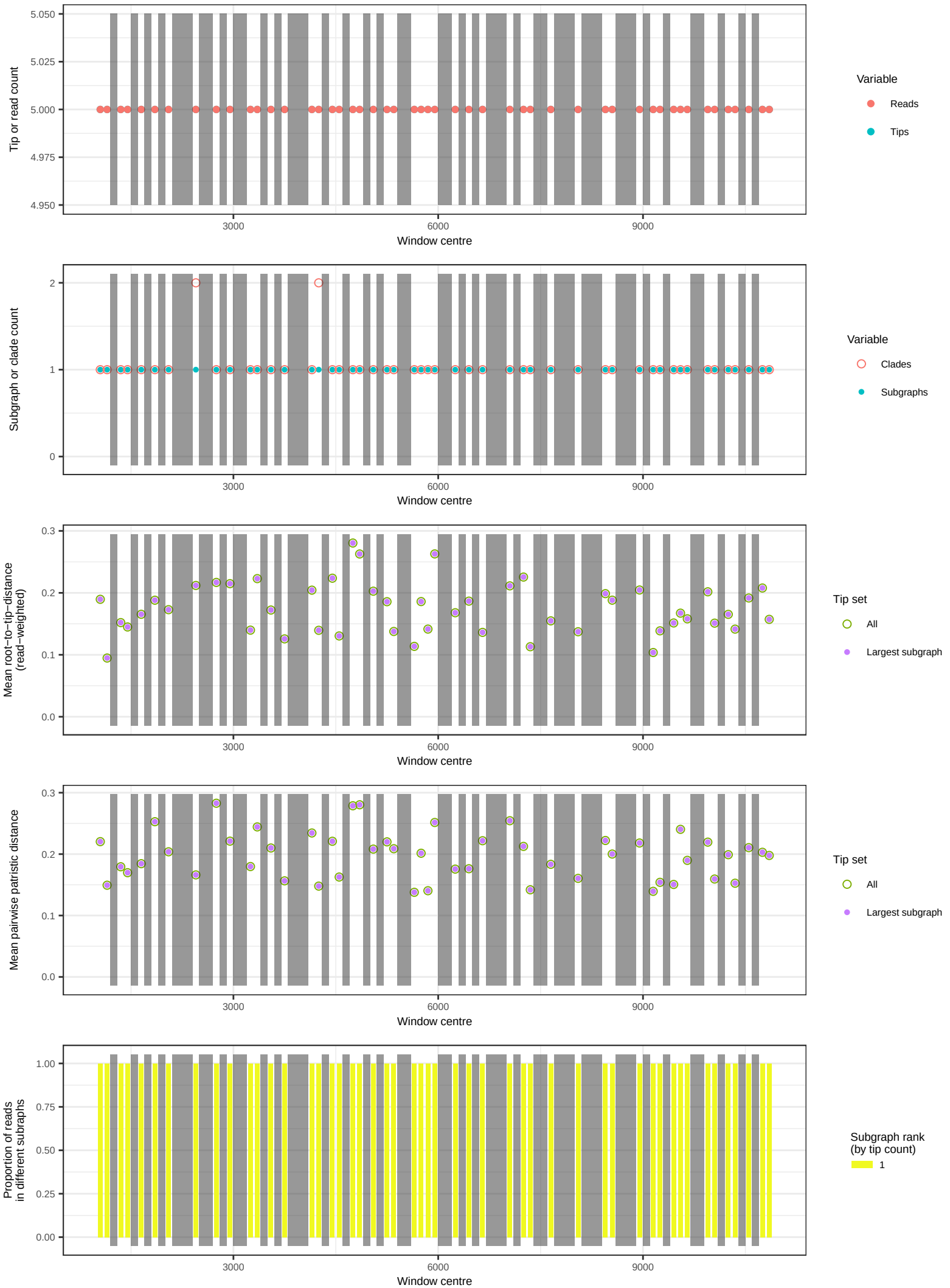

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.20
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

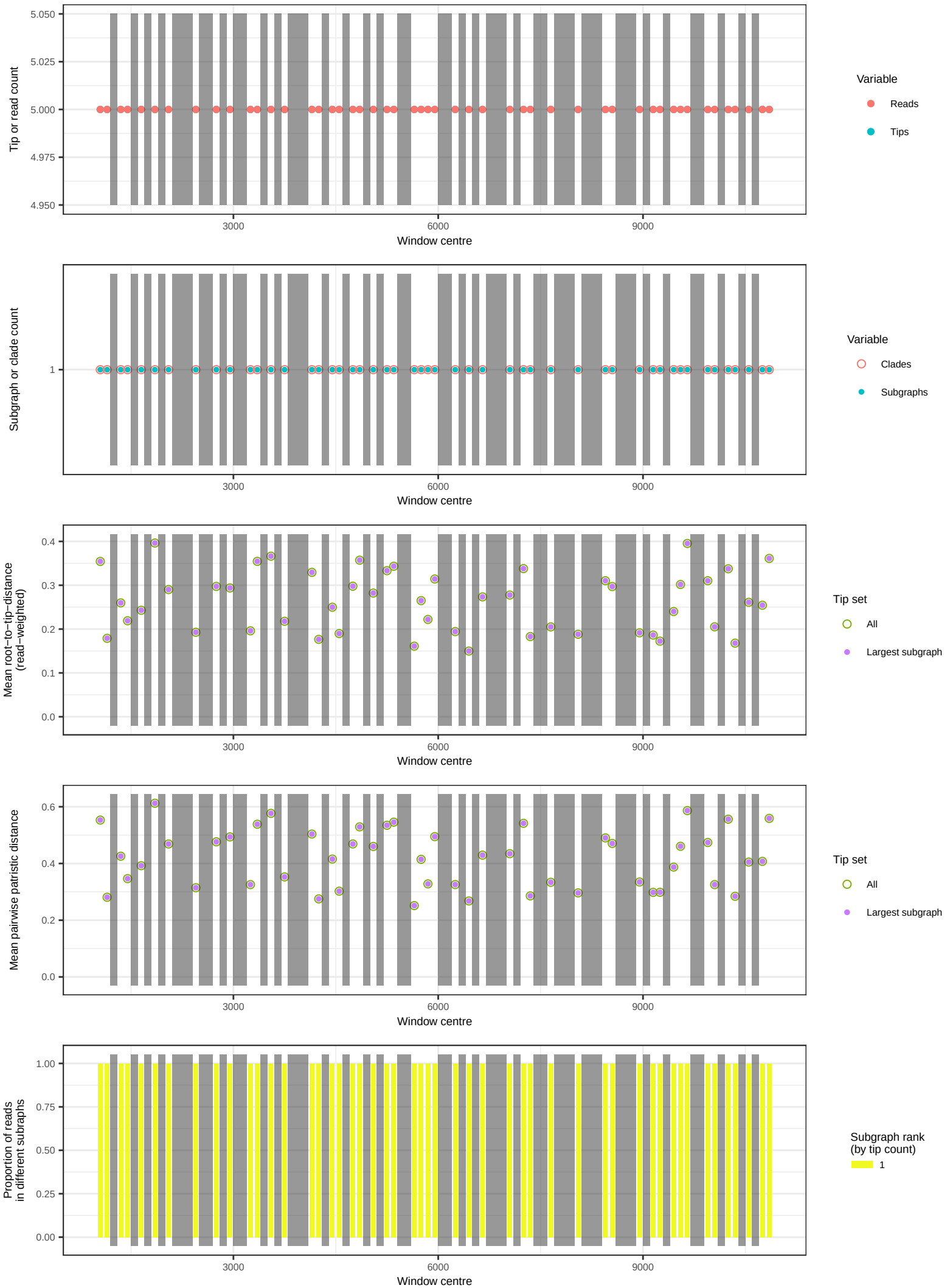

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.075
0.050
0.025
0.000
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.12
0.08
0.04
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

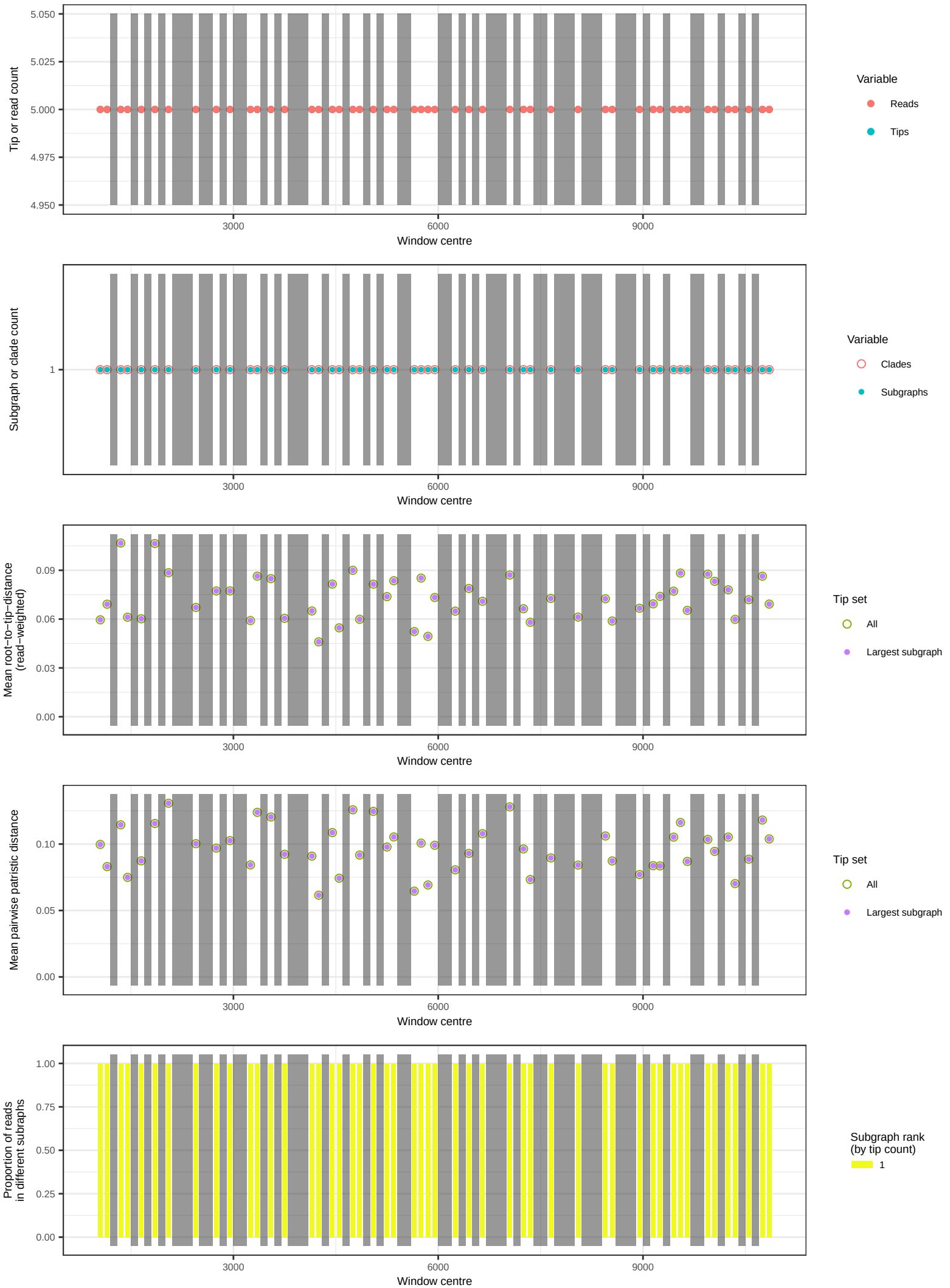

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.04
0.03
0.02
0.01
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.06
0.04
0.02
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

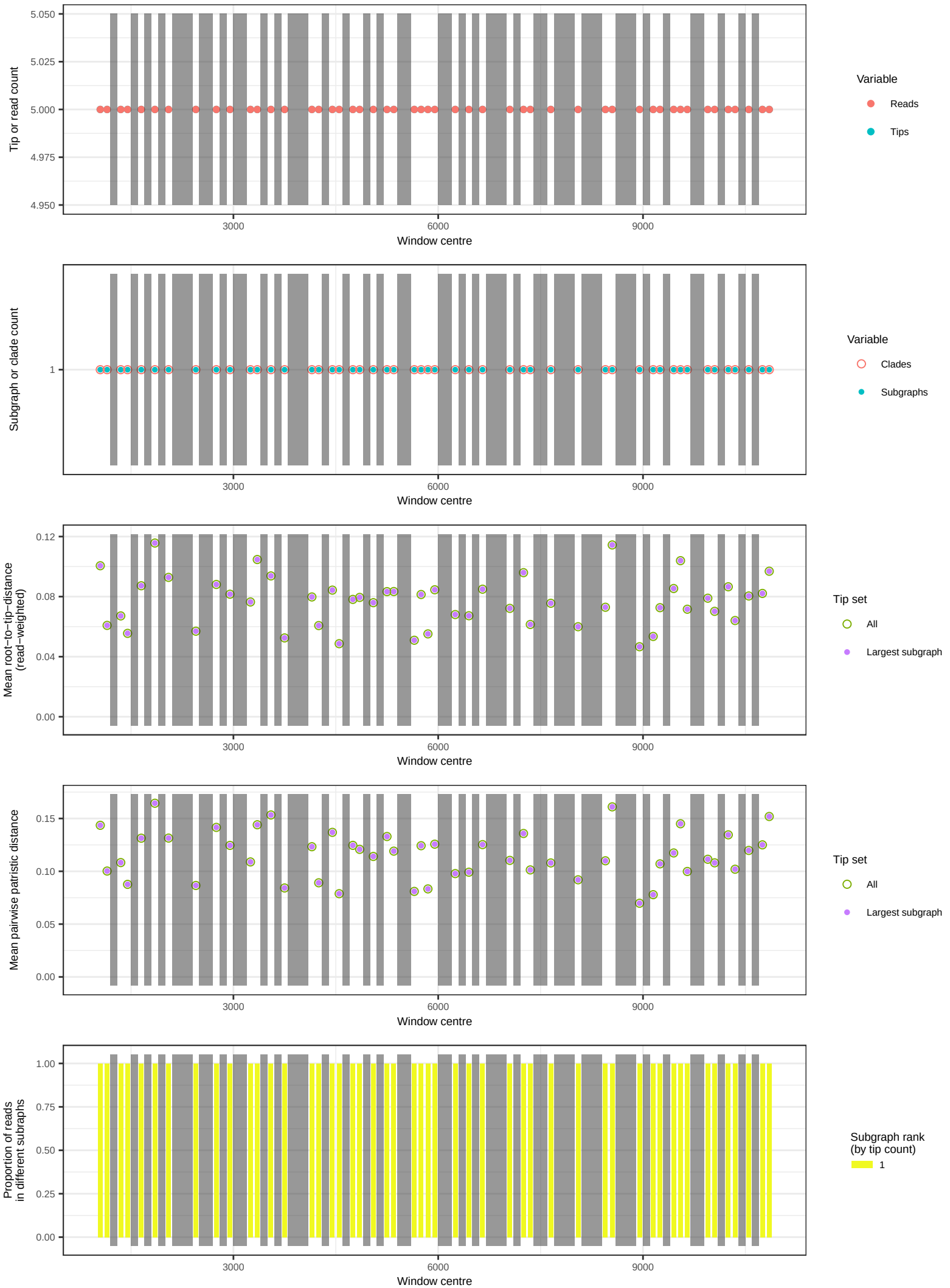

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
10
5
0
Tip set
All
Largest subgraph
Mean pairwise patristic distance
20
15
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
Subgraph rank (by tip count)
2
1

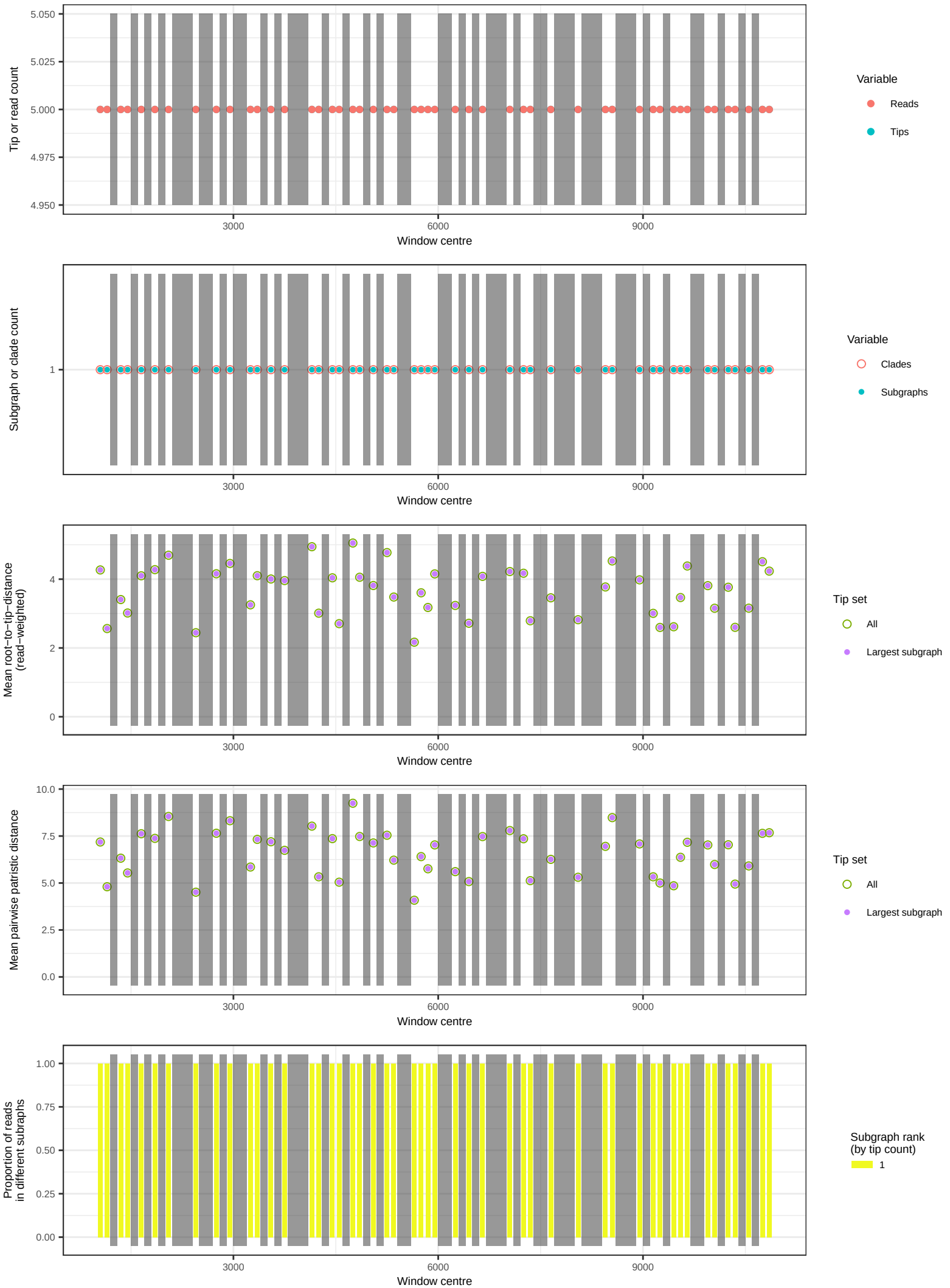

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

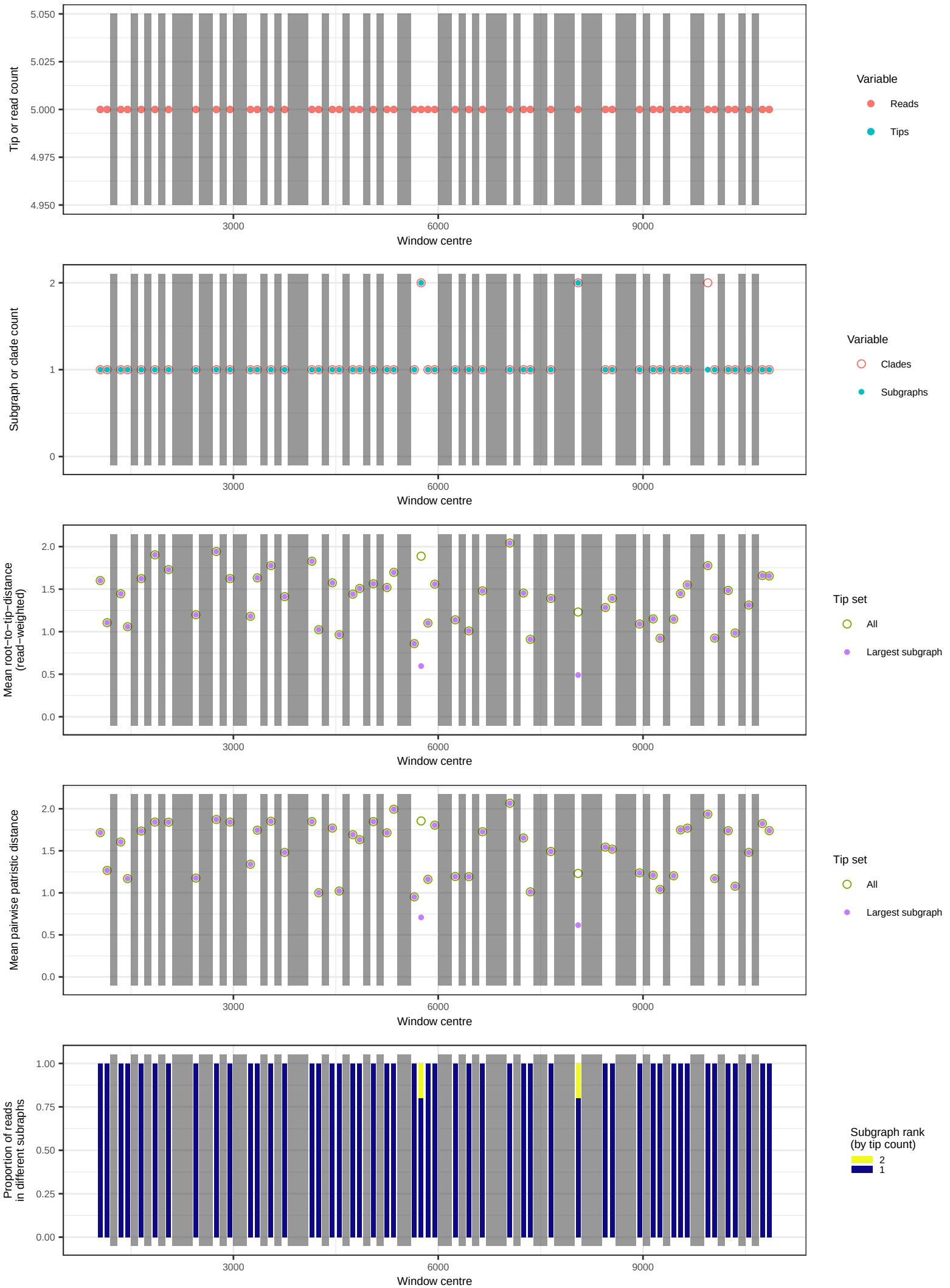

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

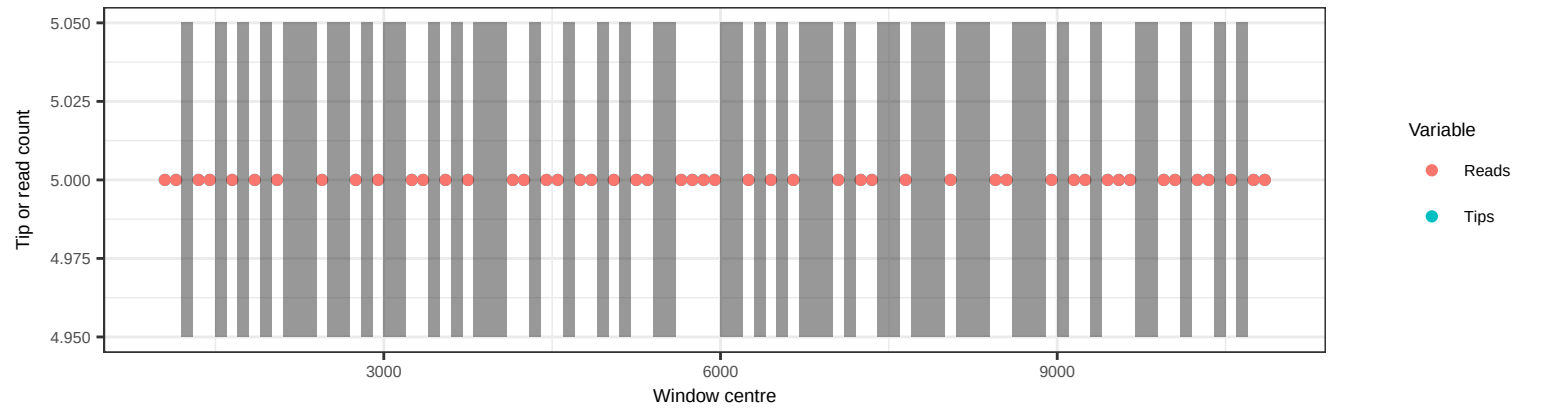

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.09
0.06
0.03
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

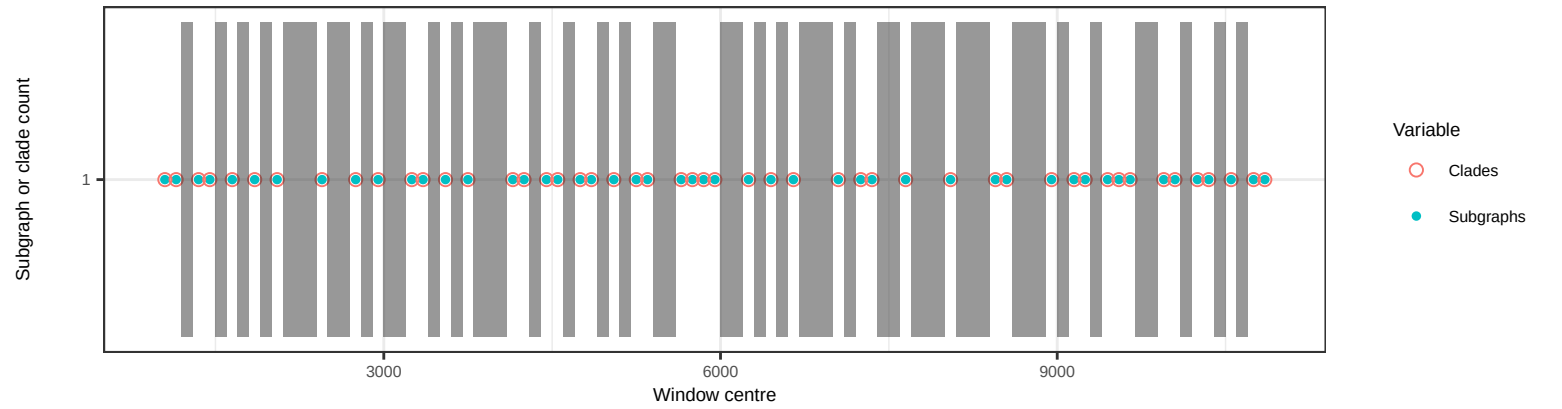

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.12
0.08
0.04
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

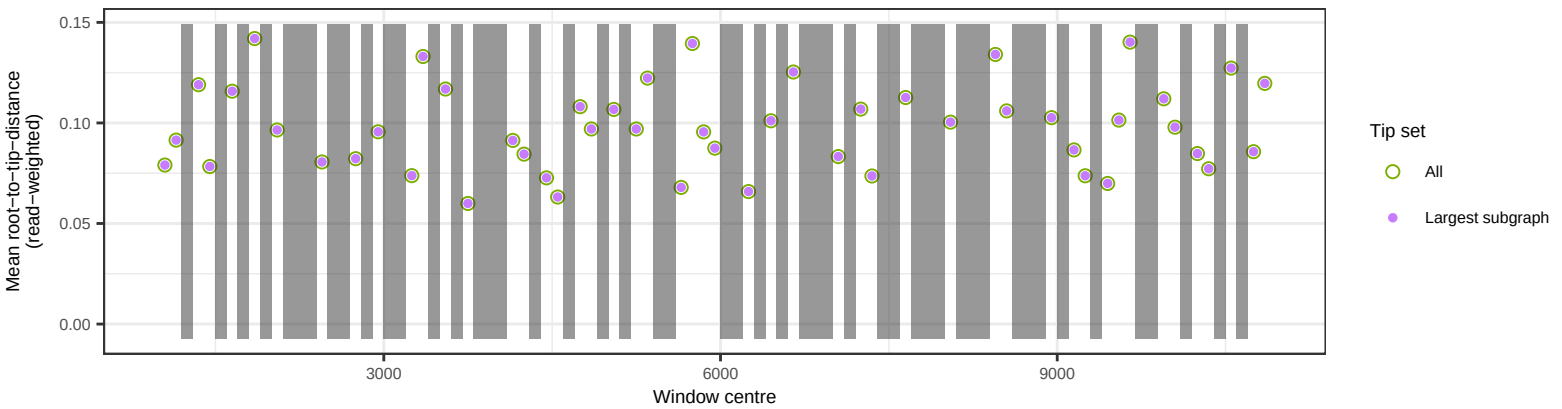

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
10.0
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

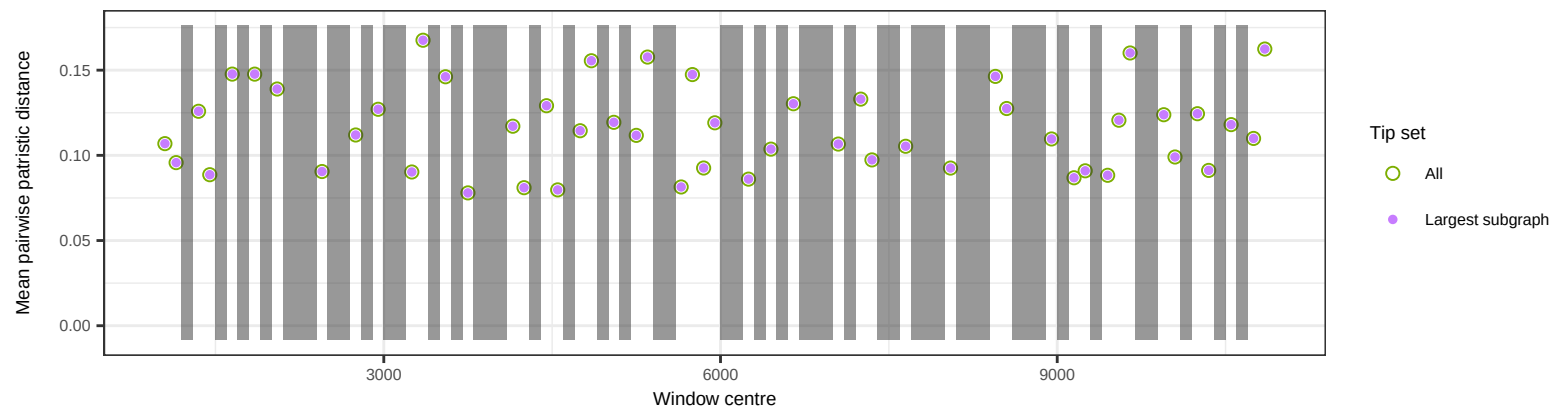

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1

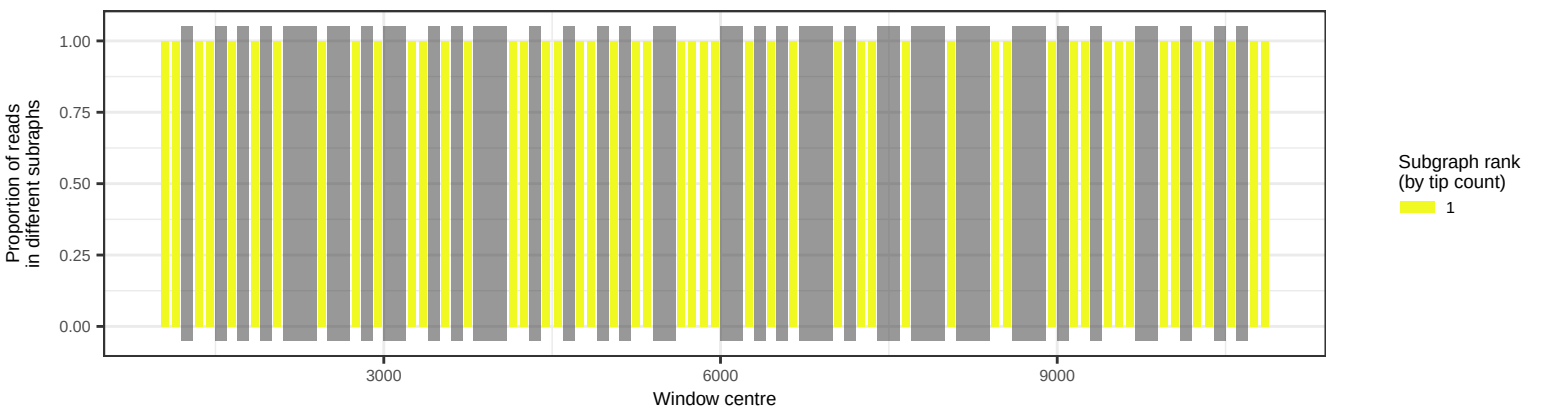
# 500

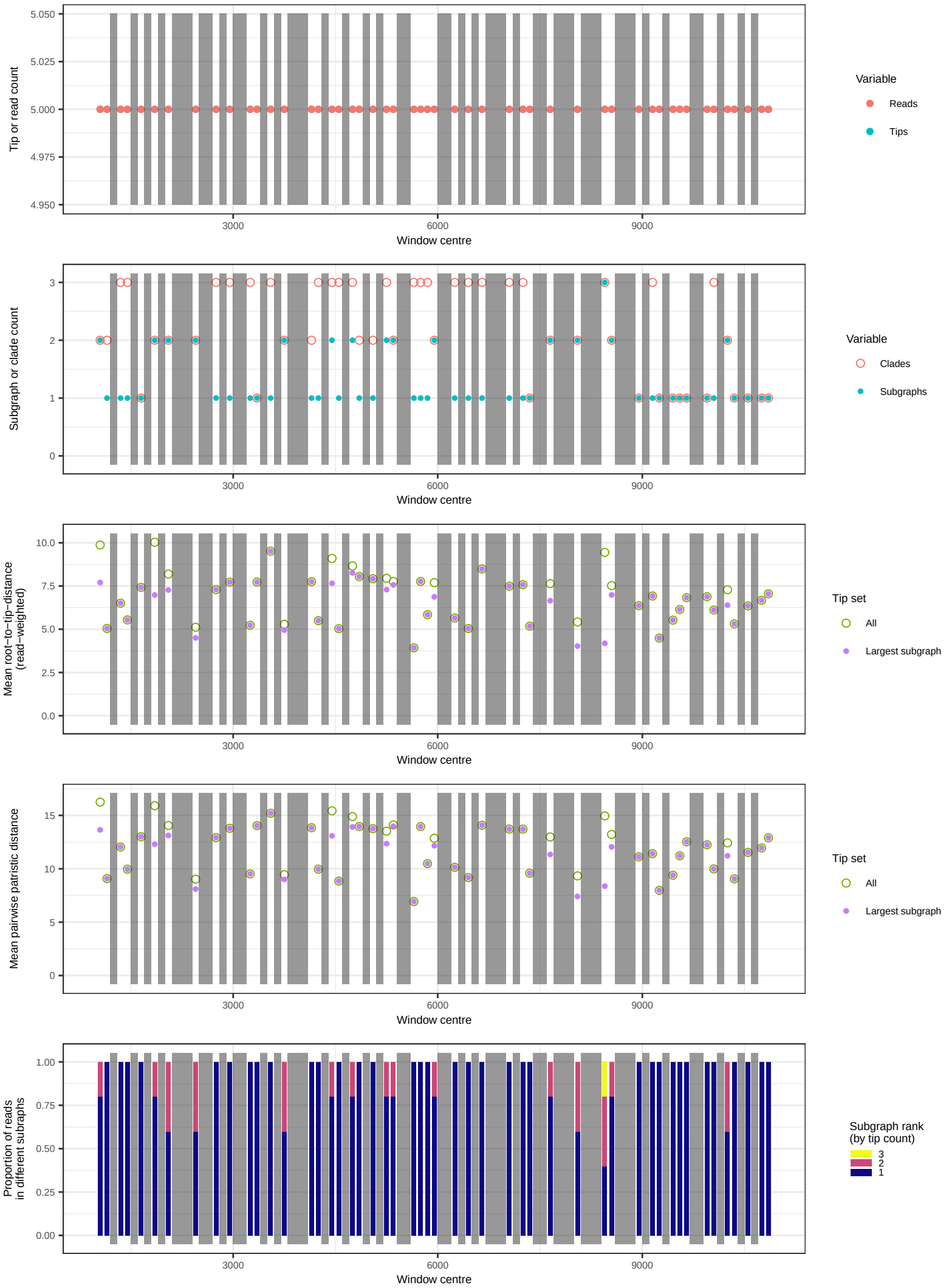

Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips

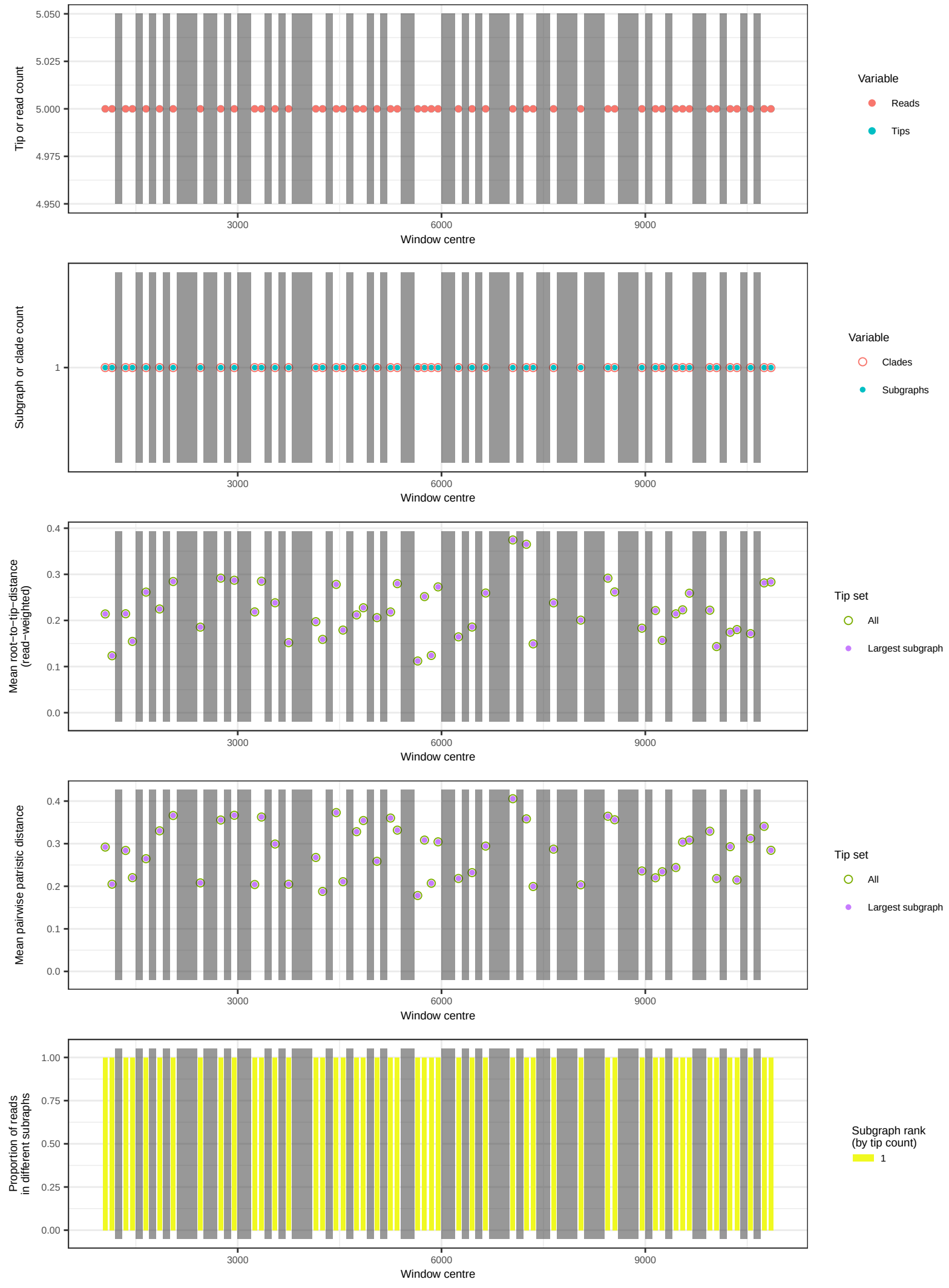

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs


Mean root−to−tip−distance
(read−weighted)
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Mean pairwise patristic distance
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
10.0
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
15
10
5
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
3
2
1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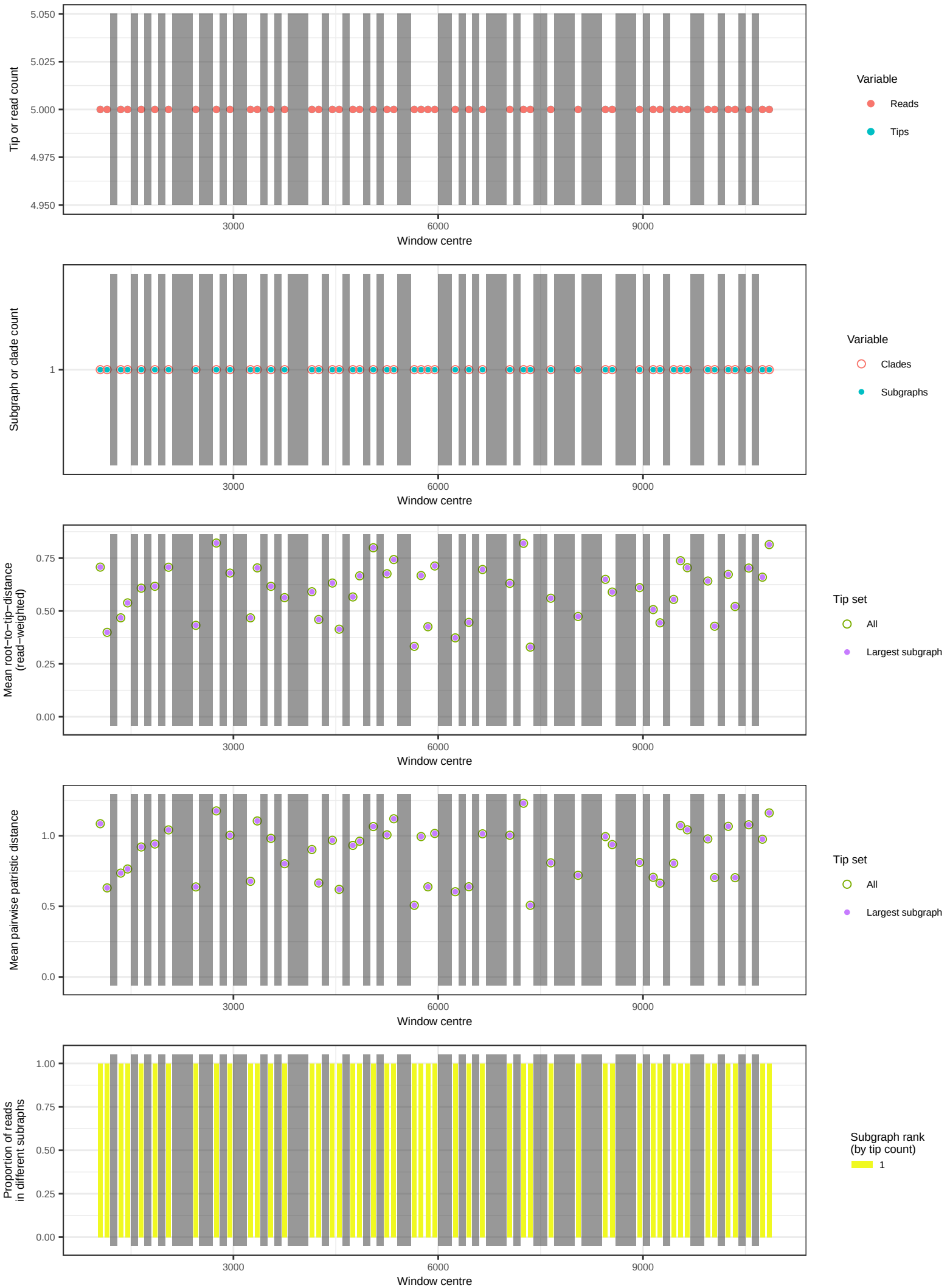
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1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5.025
5.000
4.975
4.950
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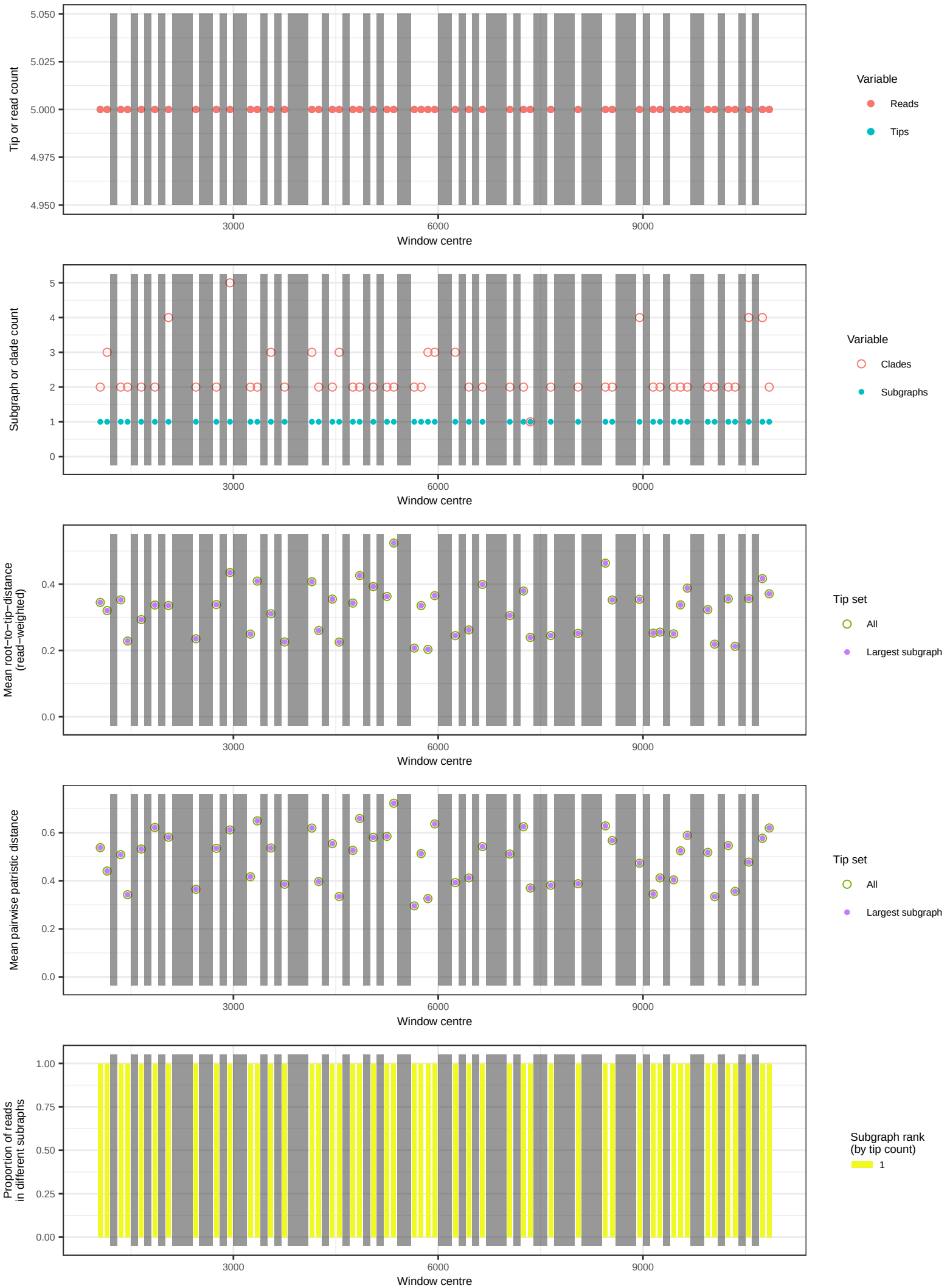
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1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4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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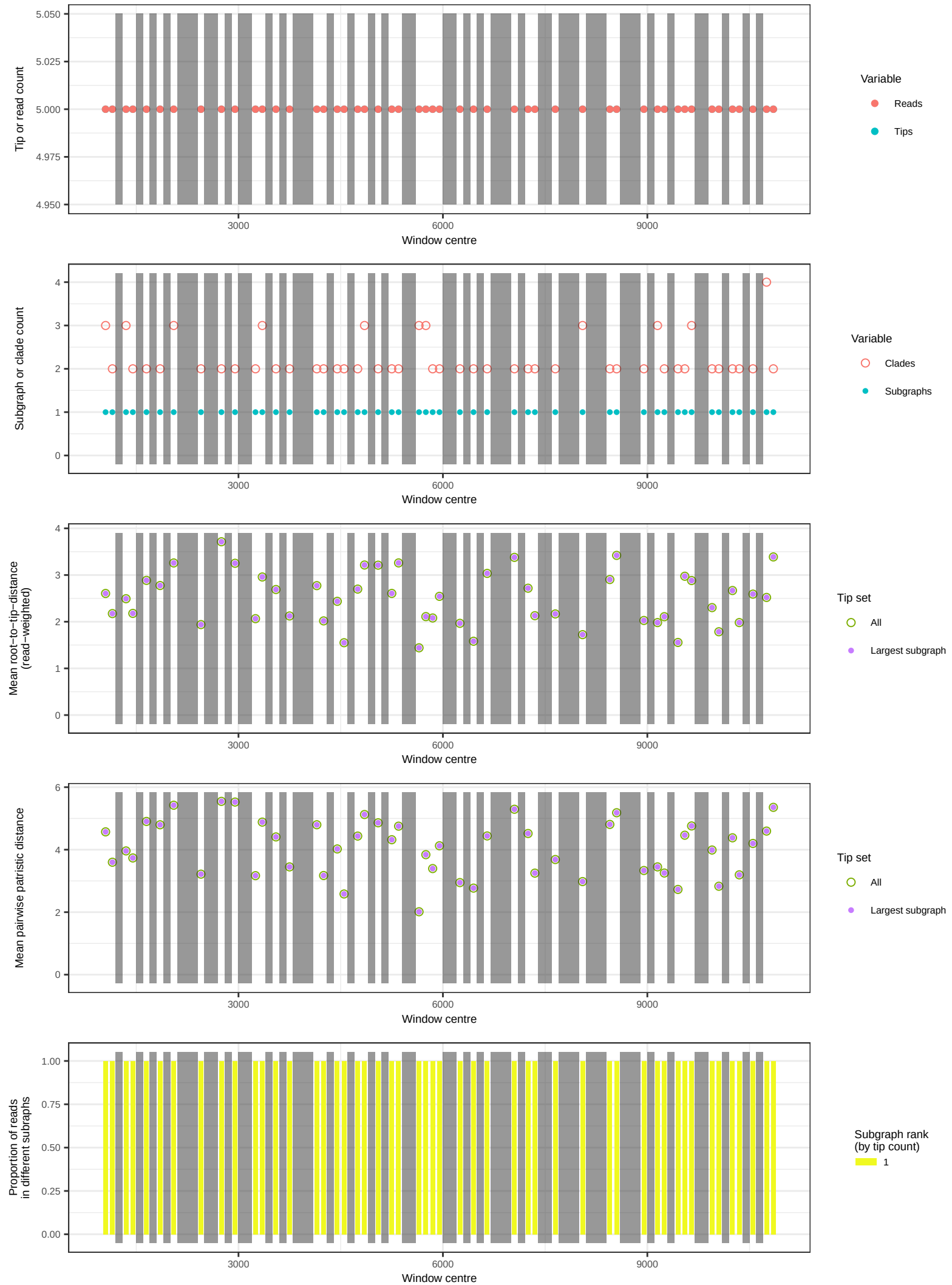
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1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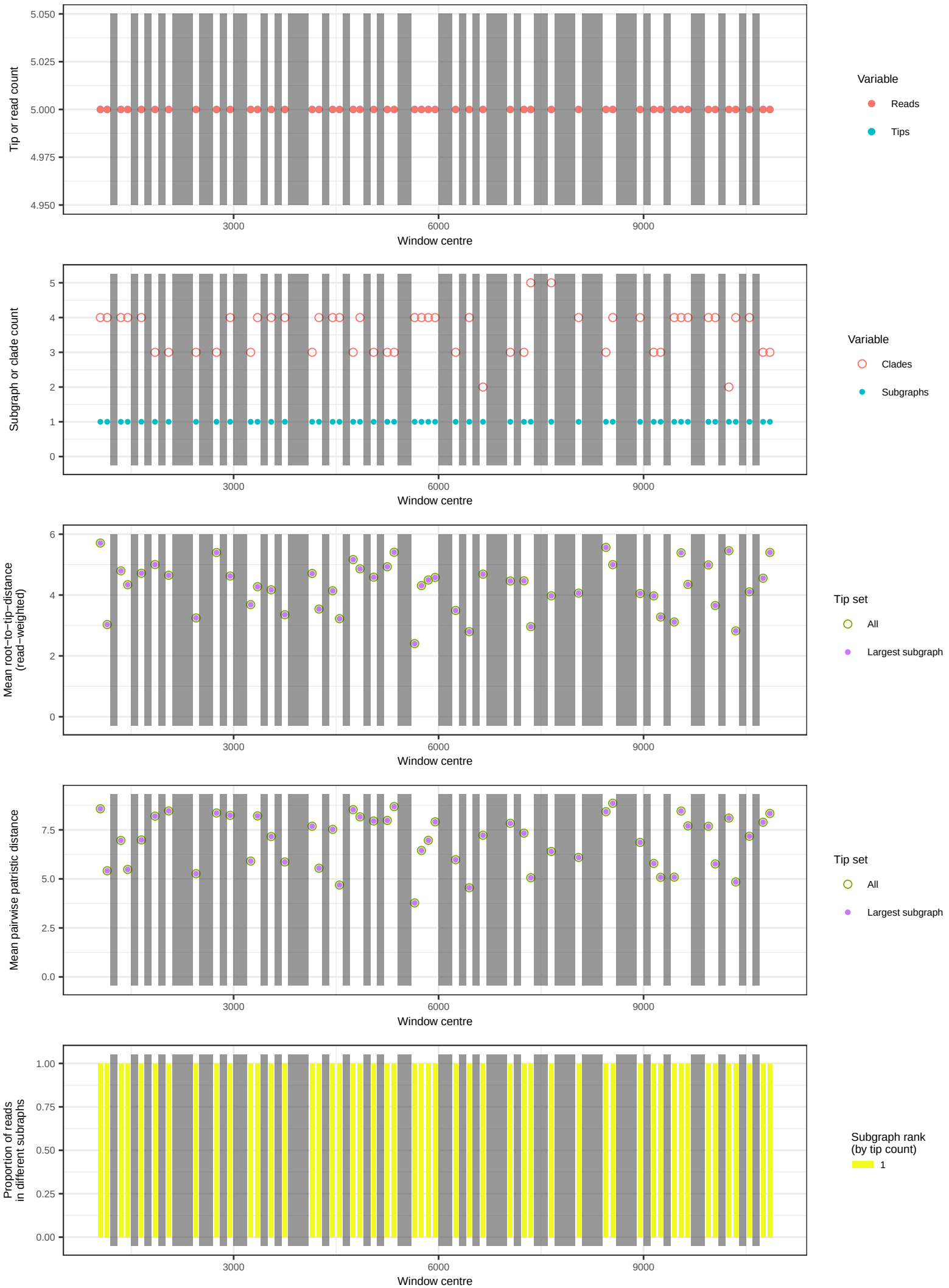
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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5.000
4.975
4.950
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6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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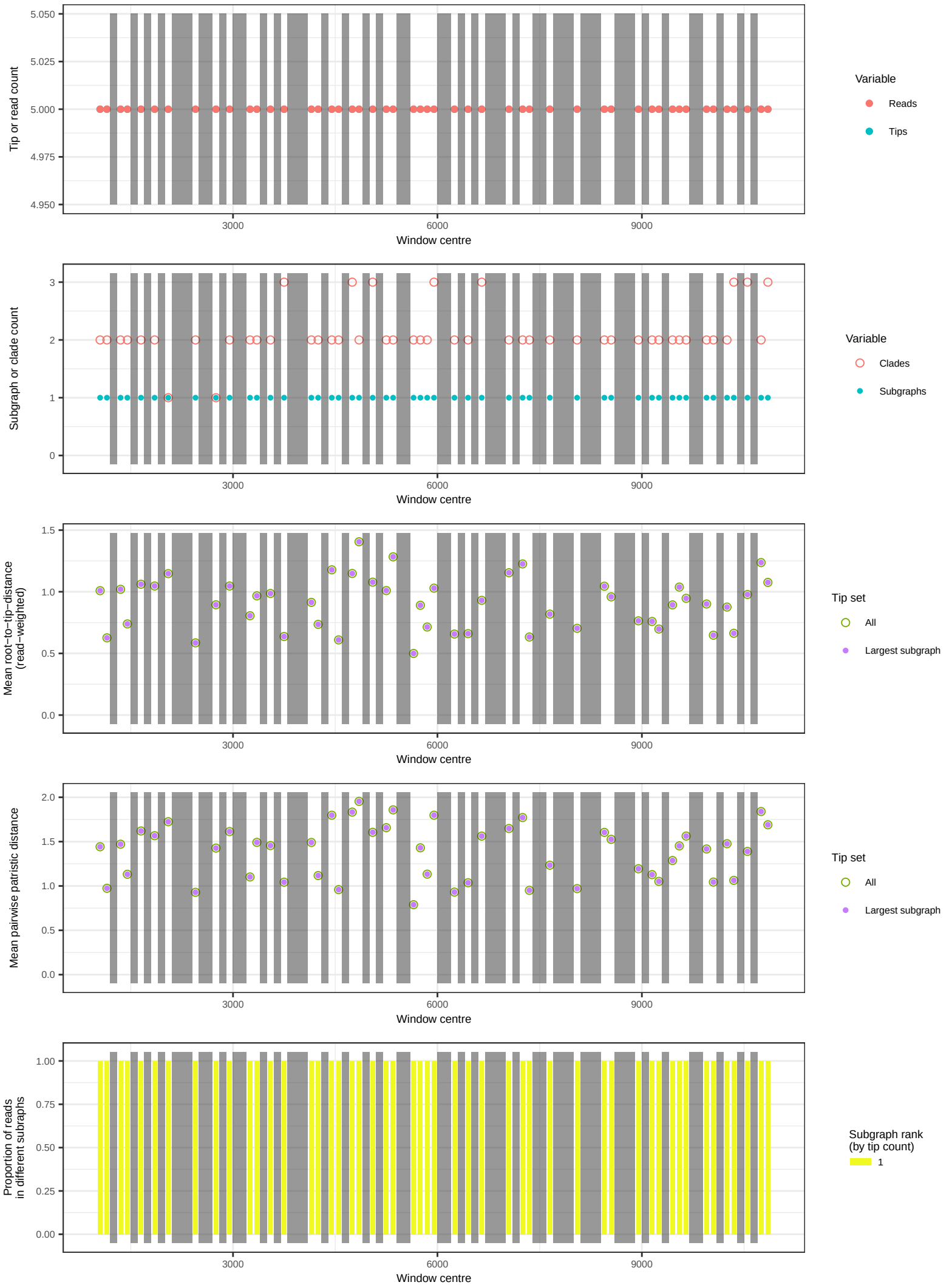
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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0.75
0.50
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0.00
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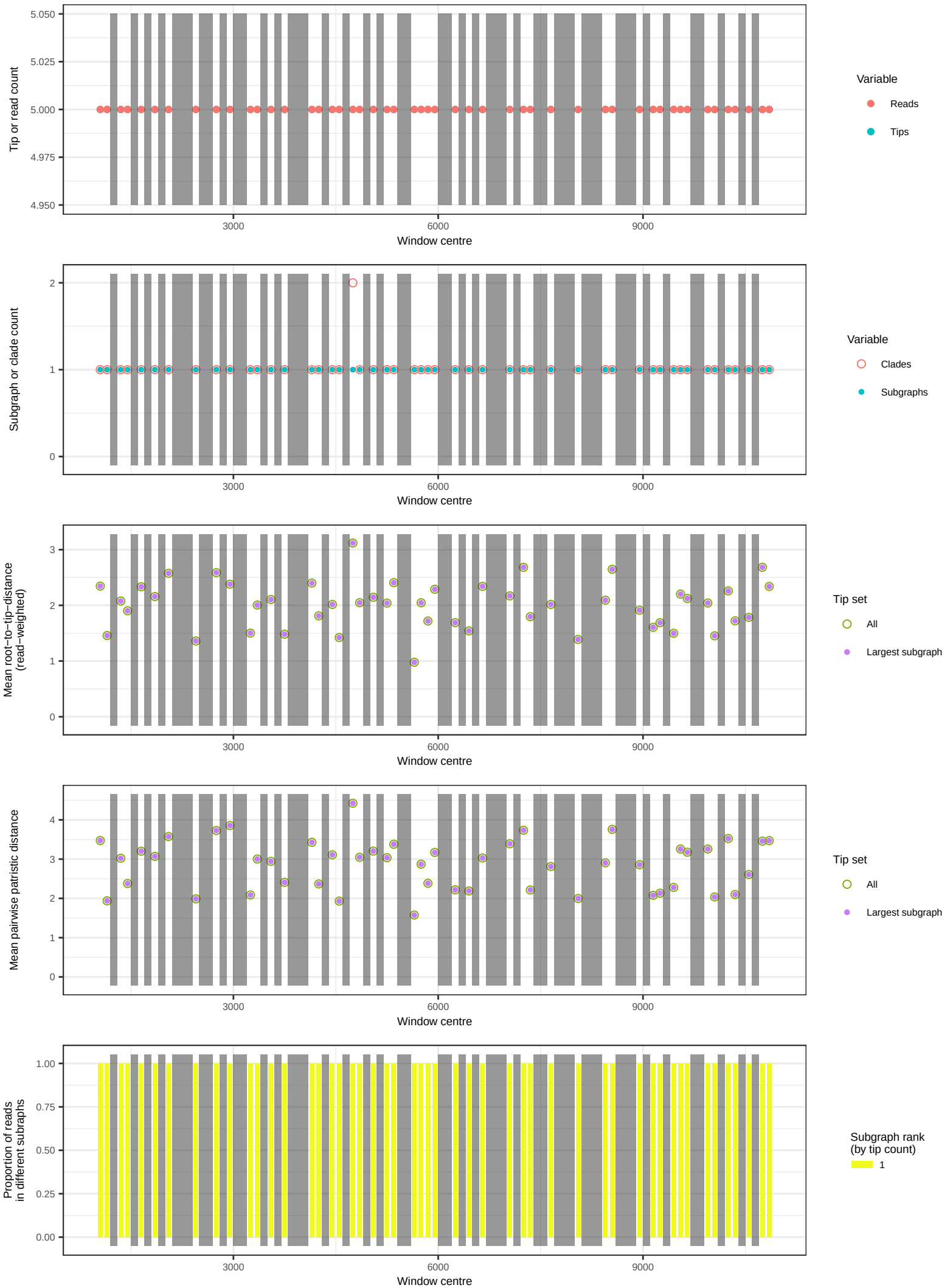
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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5.025
5.000
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4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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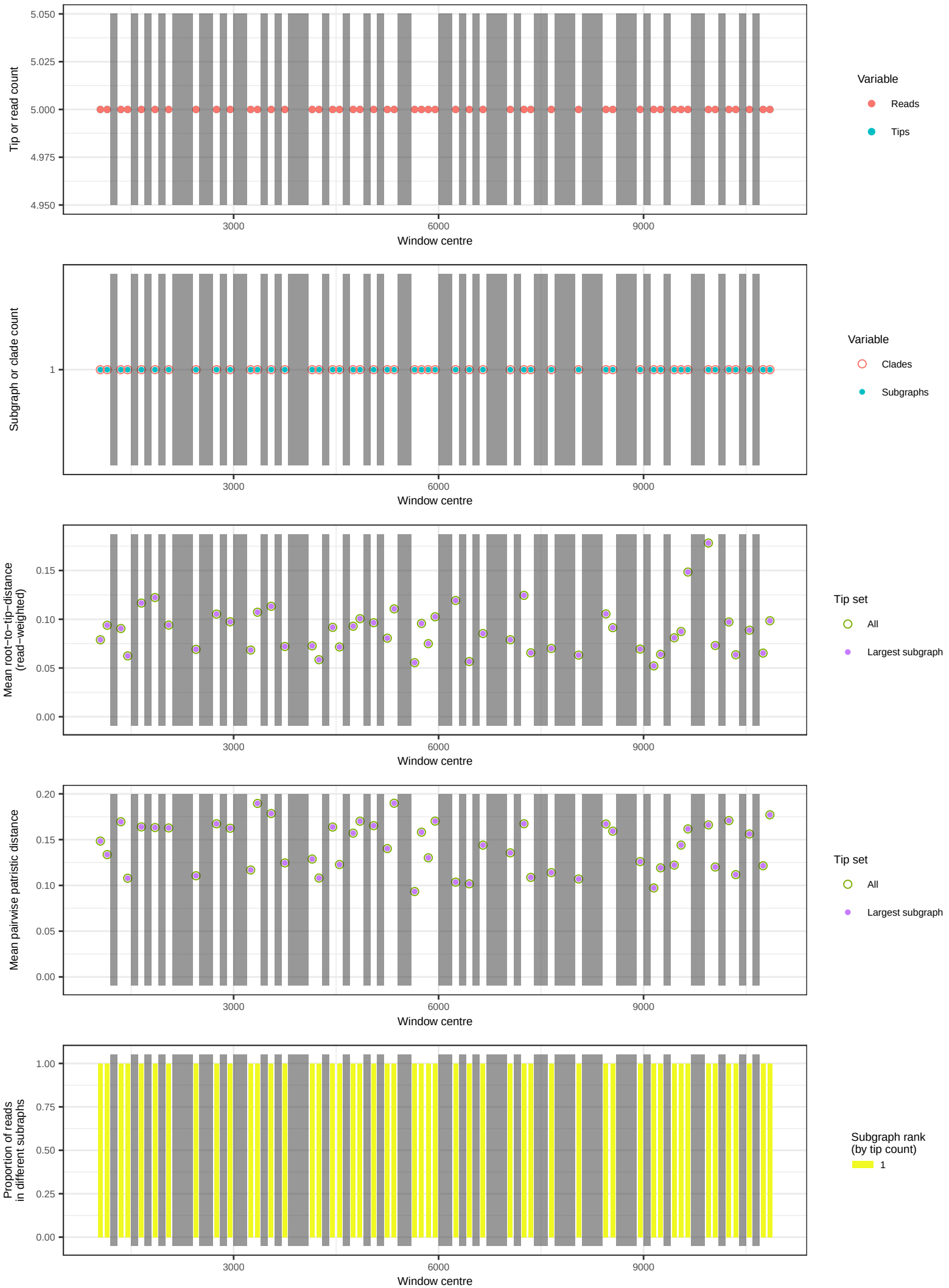
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
5.000
4.975
4.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.20
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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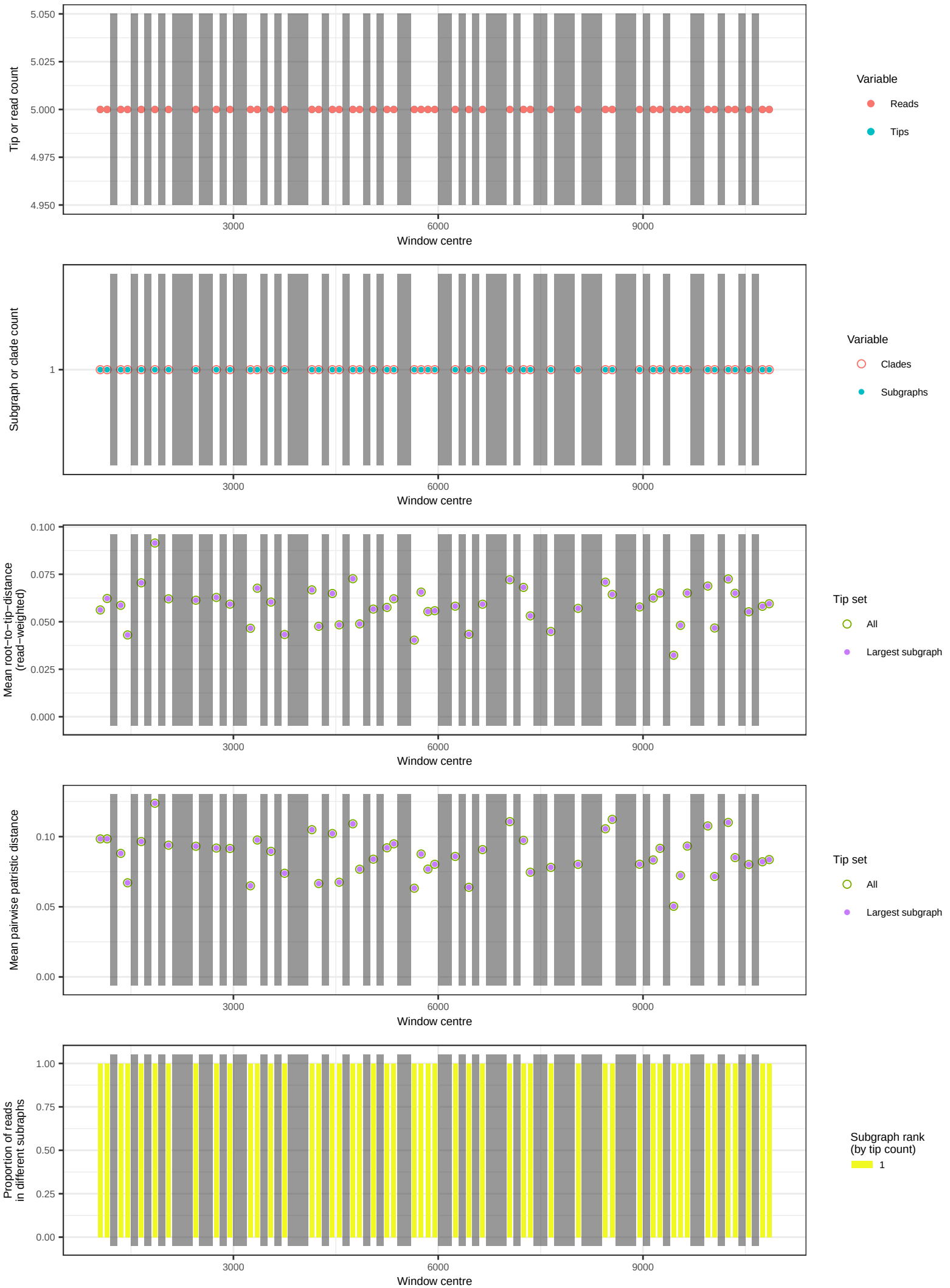
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.100
0.075
0.050
0.025
0.000
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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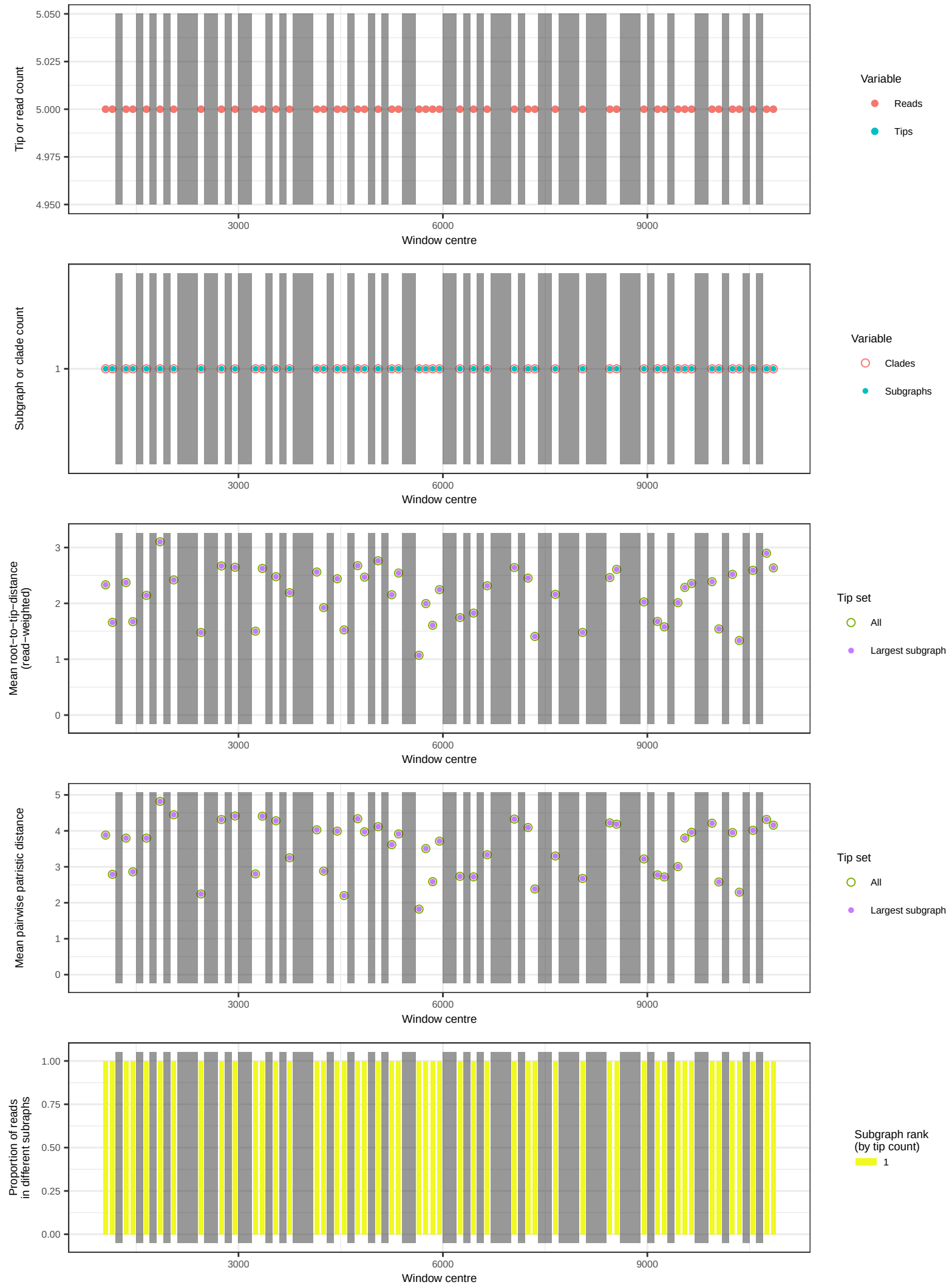
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
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6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
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3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
5
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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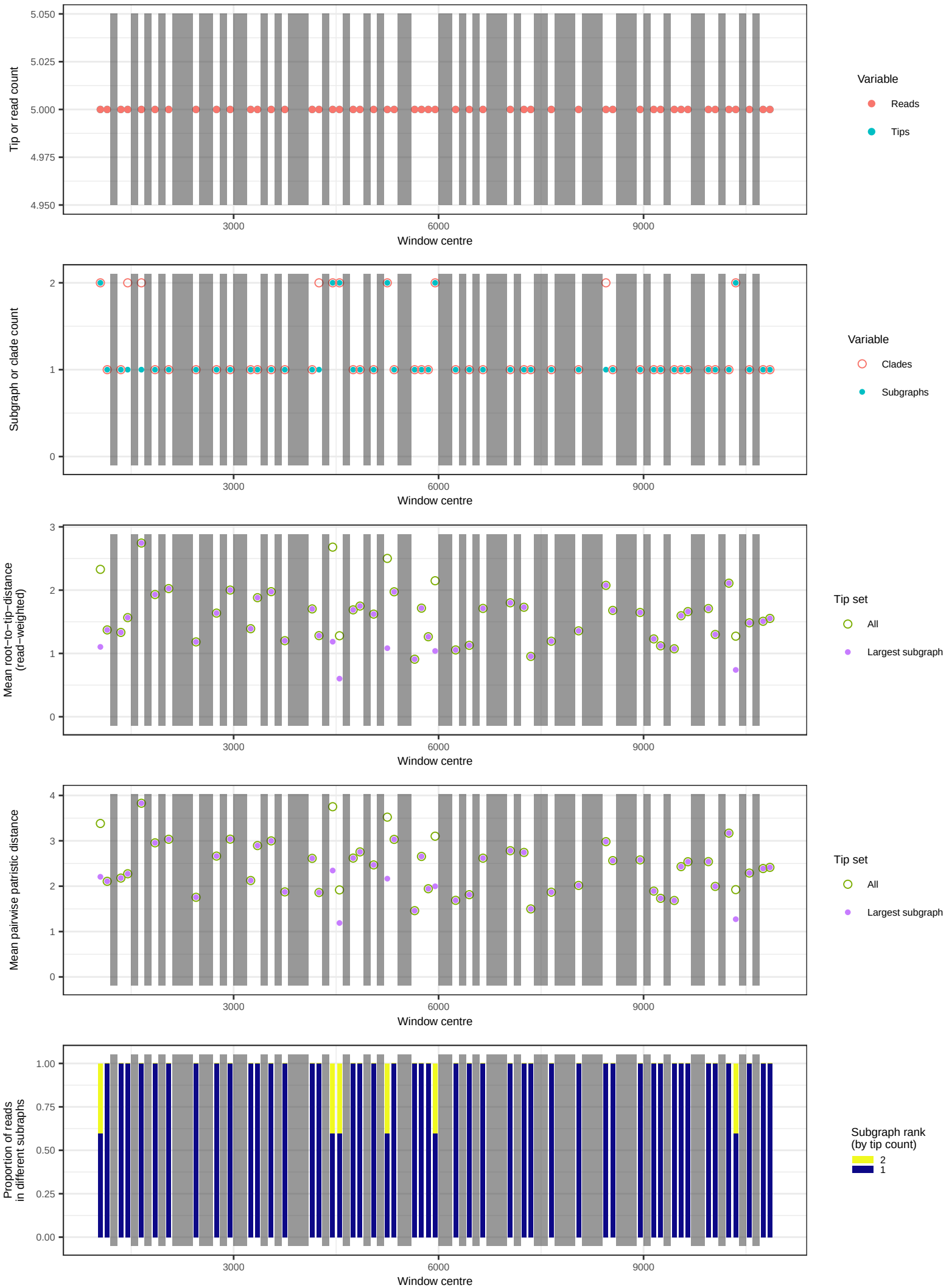
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
5.050
5.025
5.000
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4.950
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9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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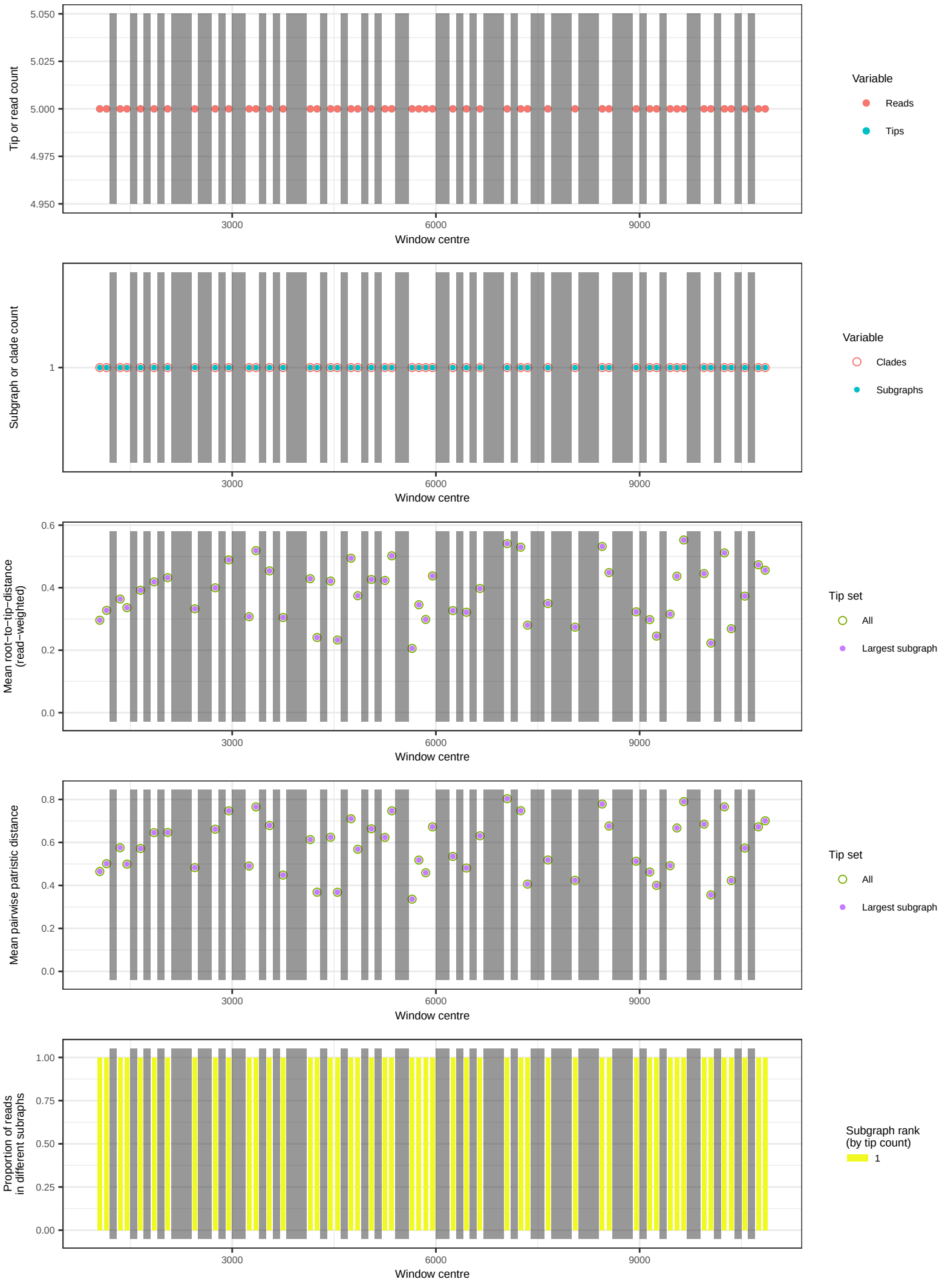
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1


Tip or read count
5.050
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3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.8
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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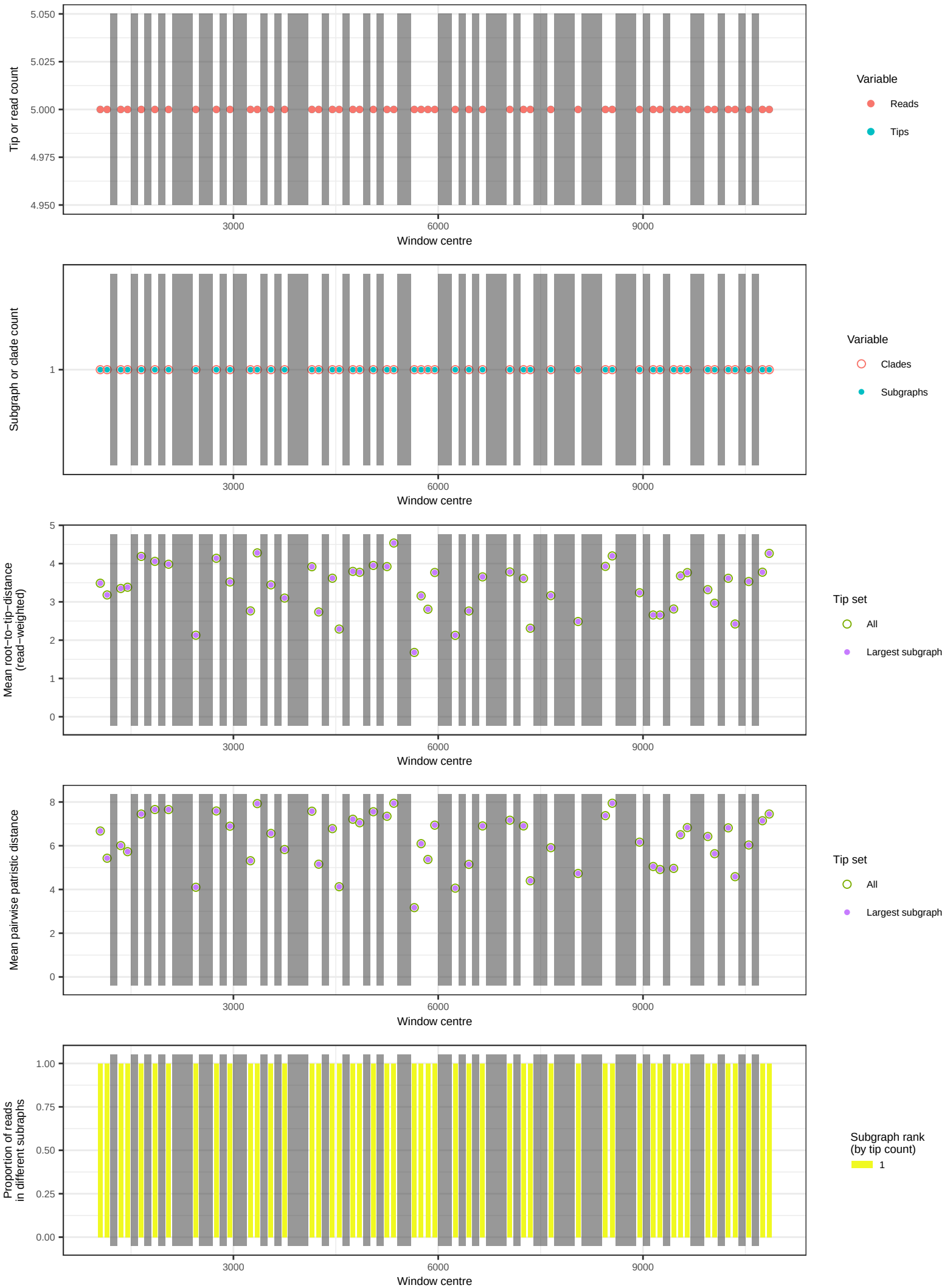
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
5
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
8
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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0.75
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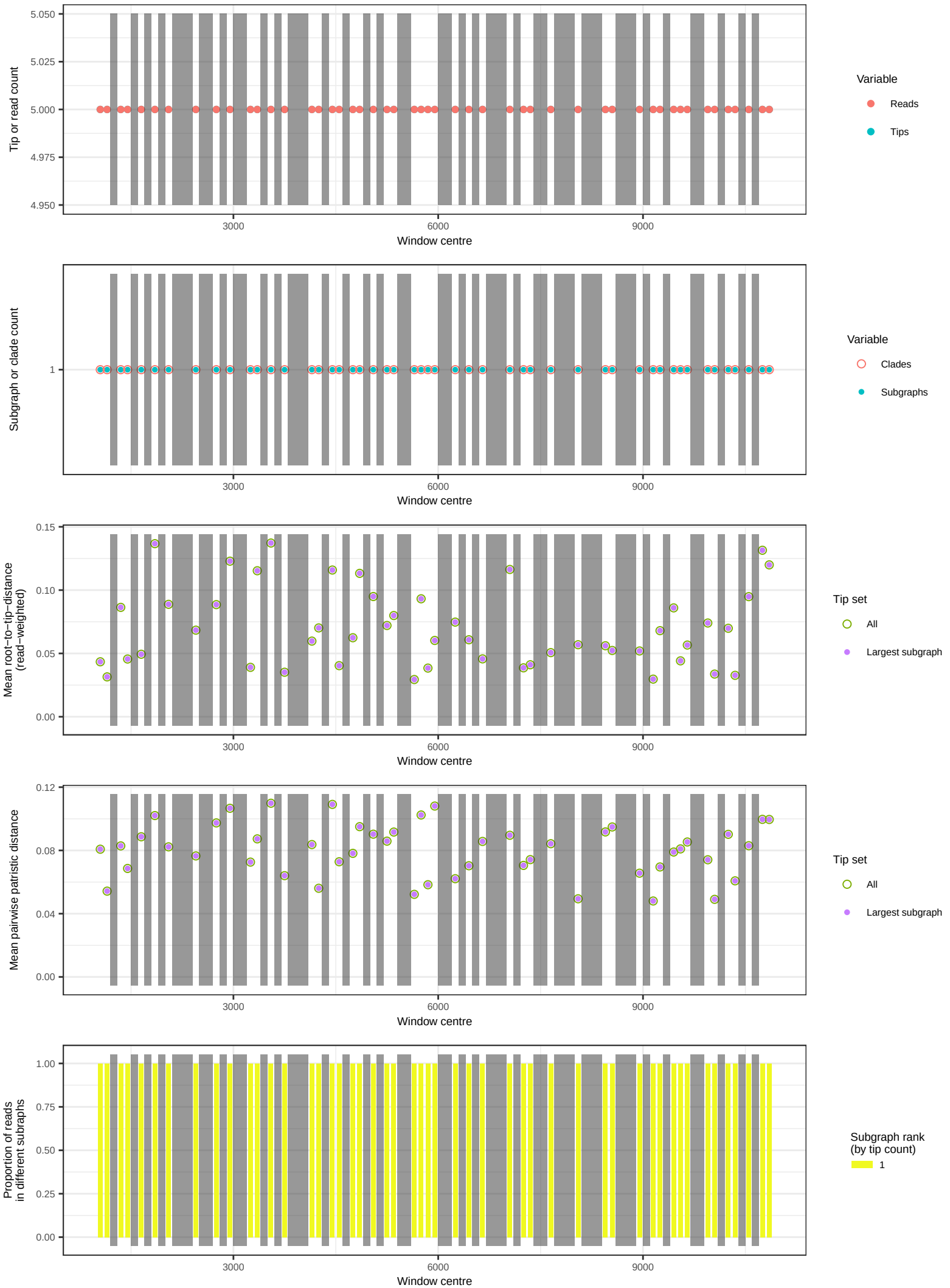
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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5.025
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Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.15
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0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.12
0.08
0.04
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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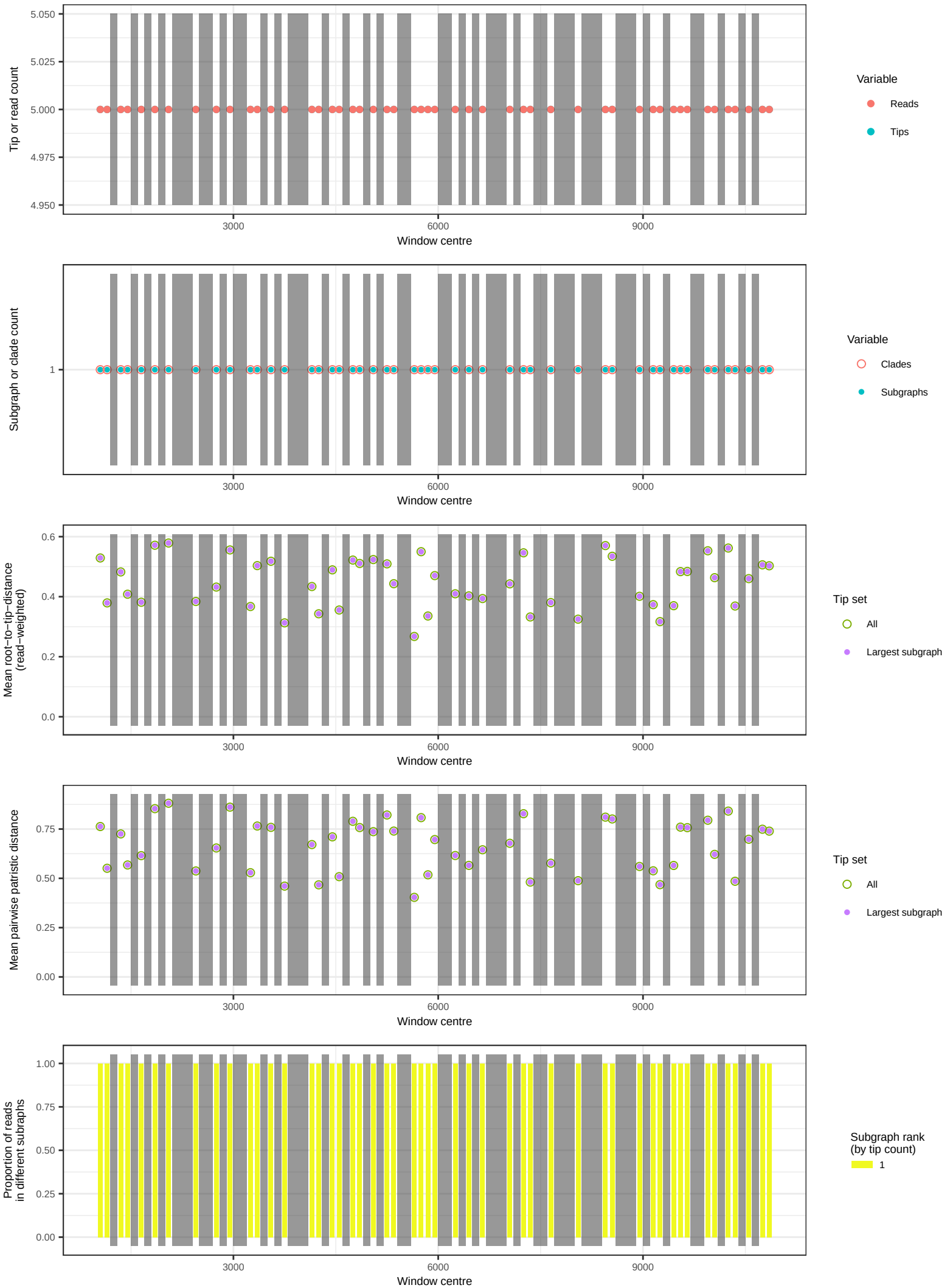
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.6
0.4
0.2
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3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1