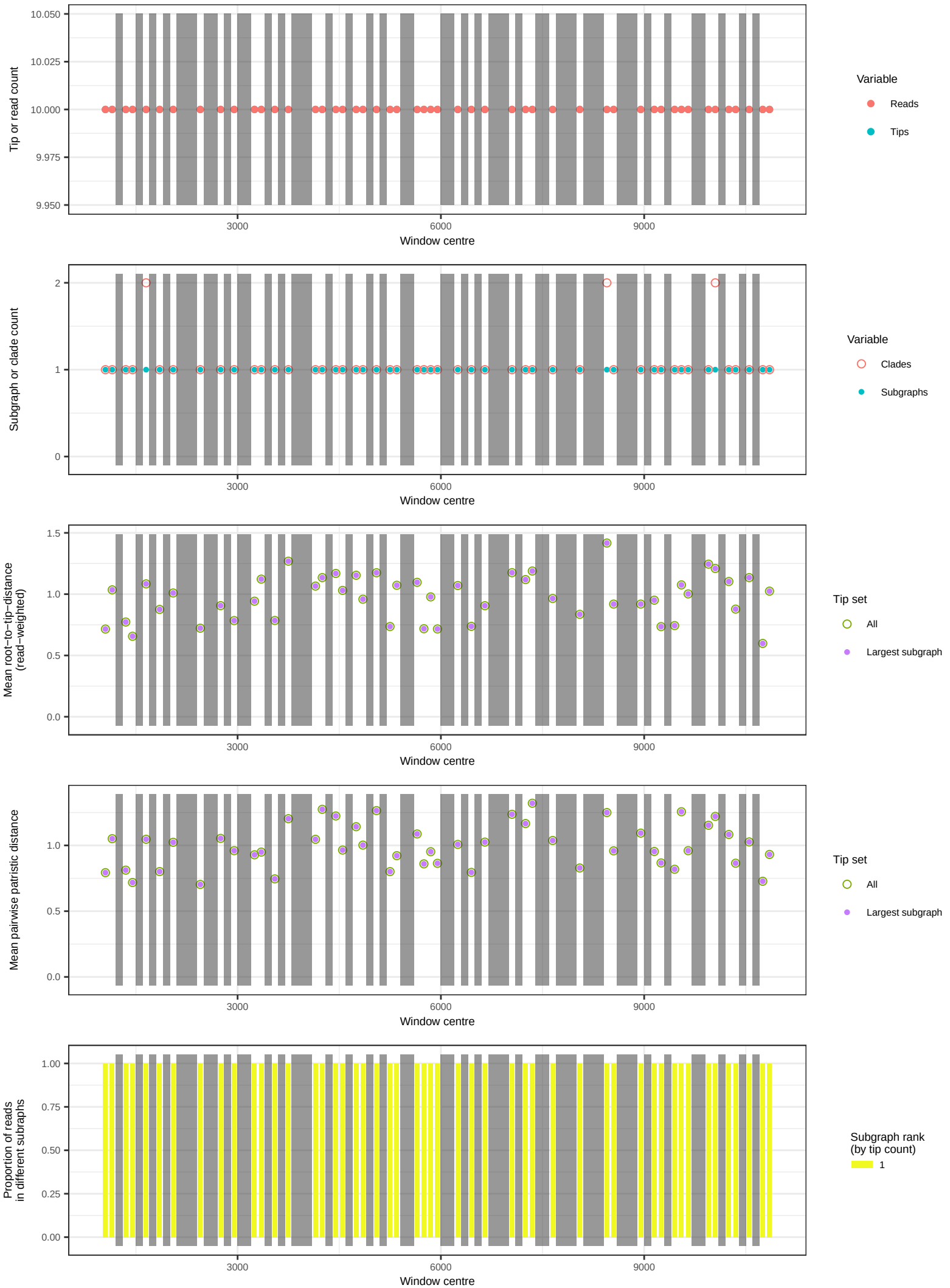
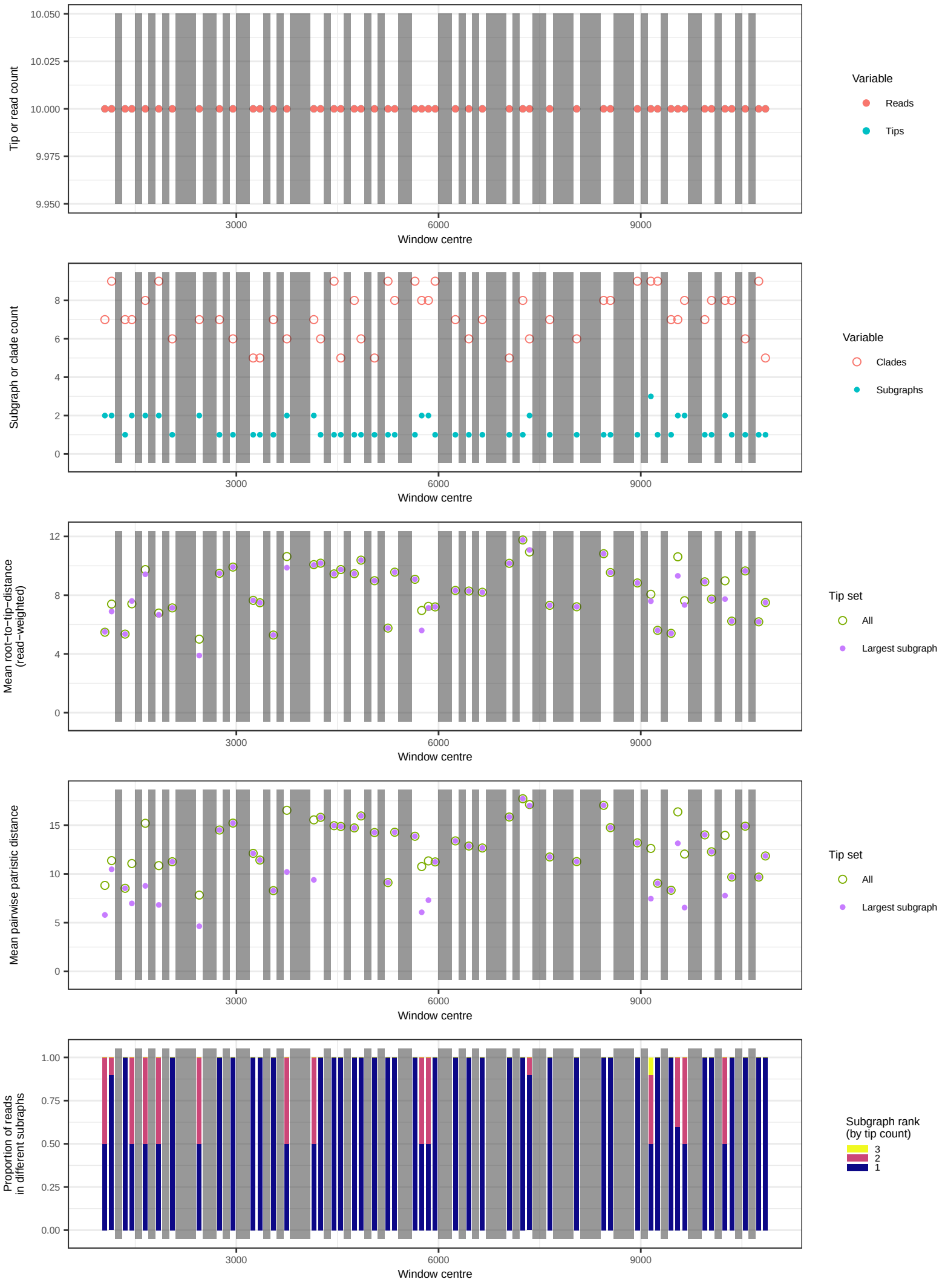

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.0
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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9.950
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9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
12
8
4
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
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0.00
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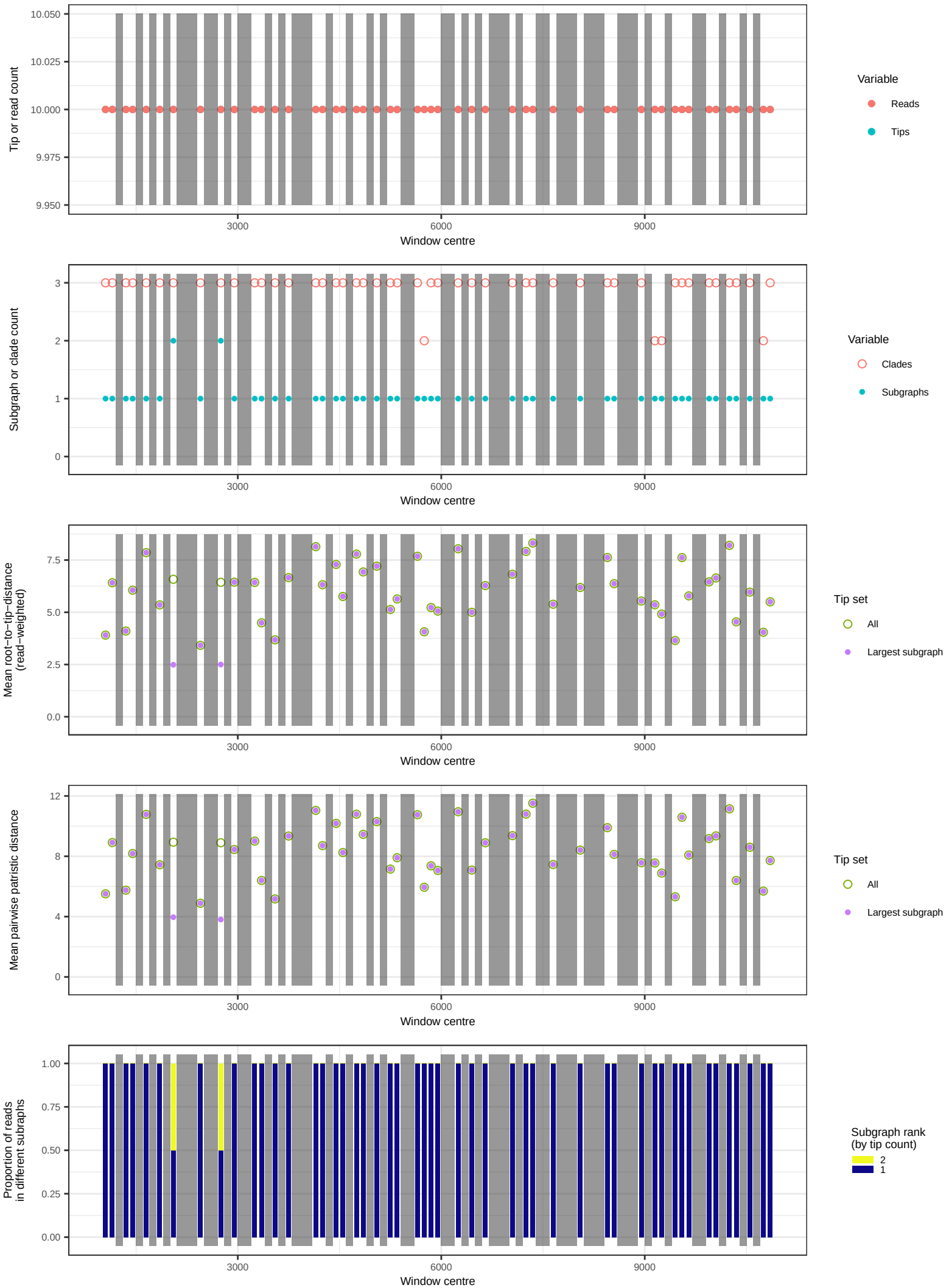
6000
9000
Window centre
Subgraph rank (by tip count)
3
2
1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Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
12
8
4
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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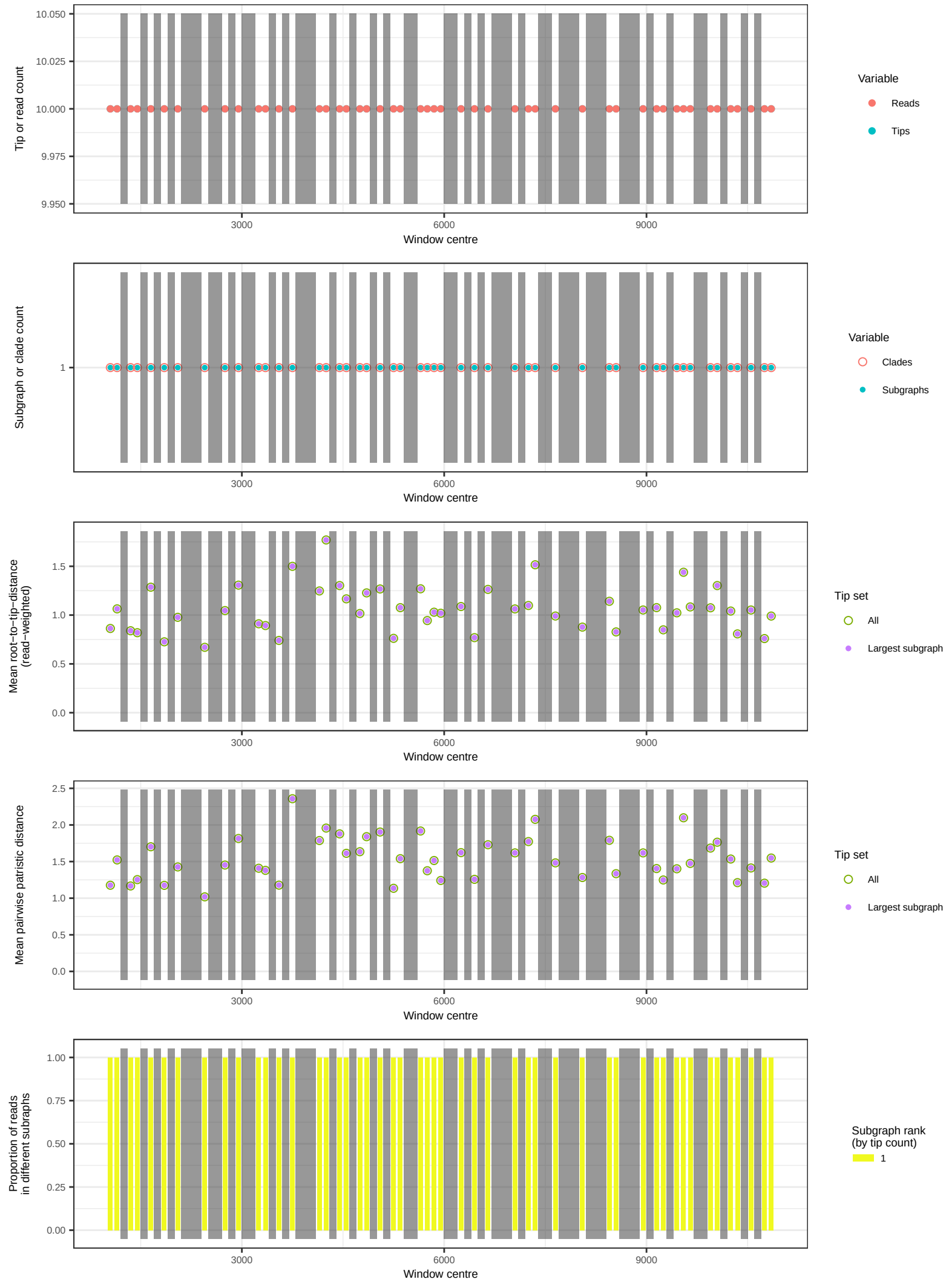
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1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9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2.5
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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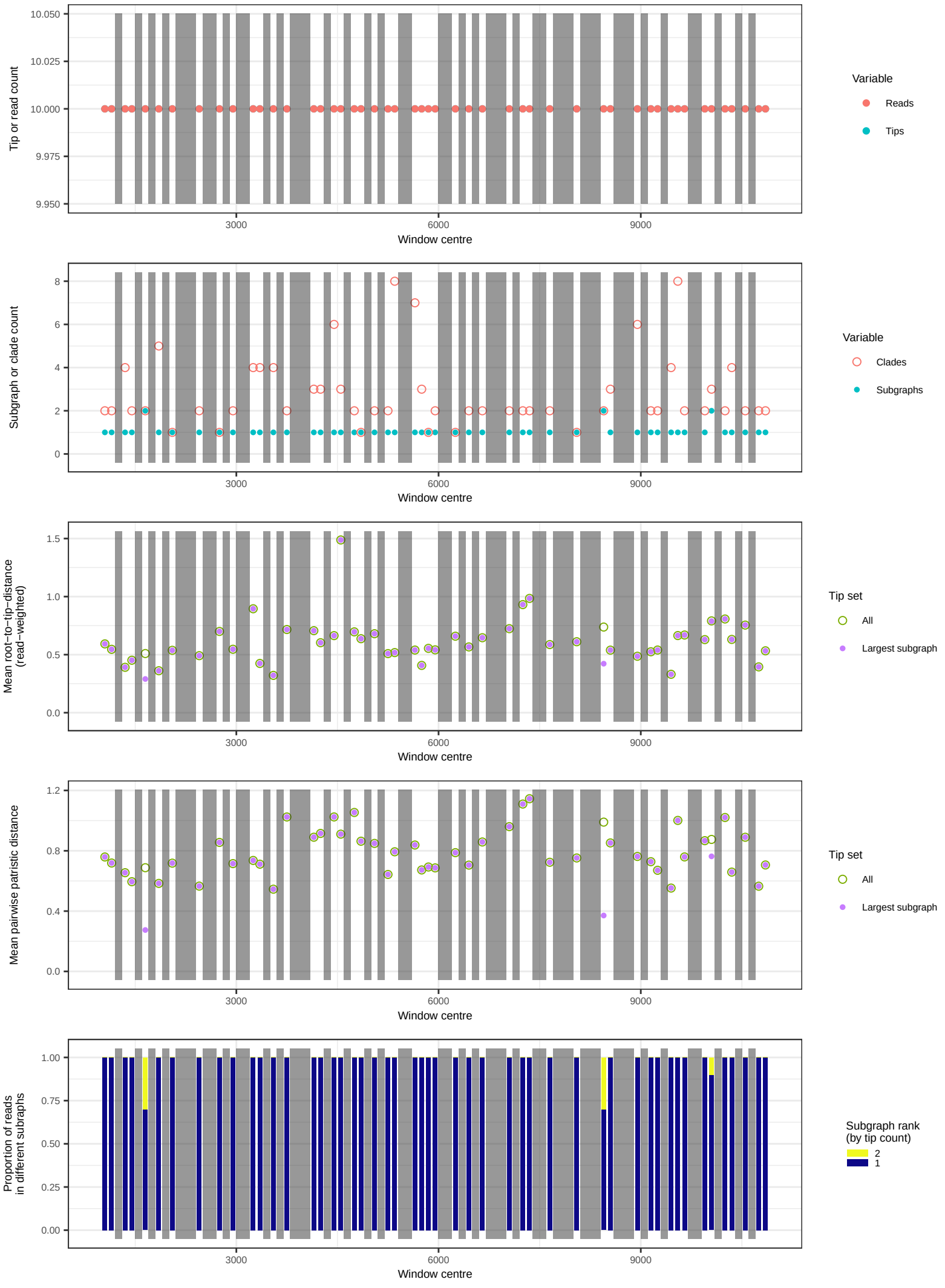
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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10.025
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6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
8
6
4
2
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
1.2
0.8
0.4
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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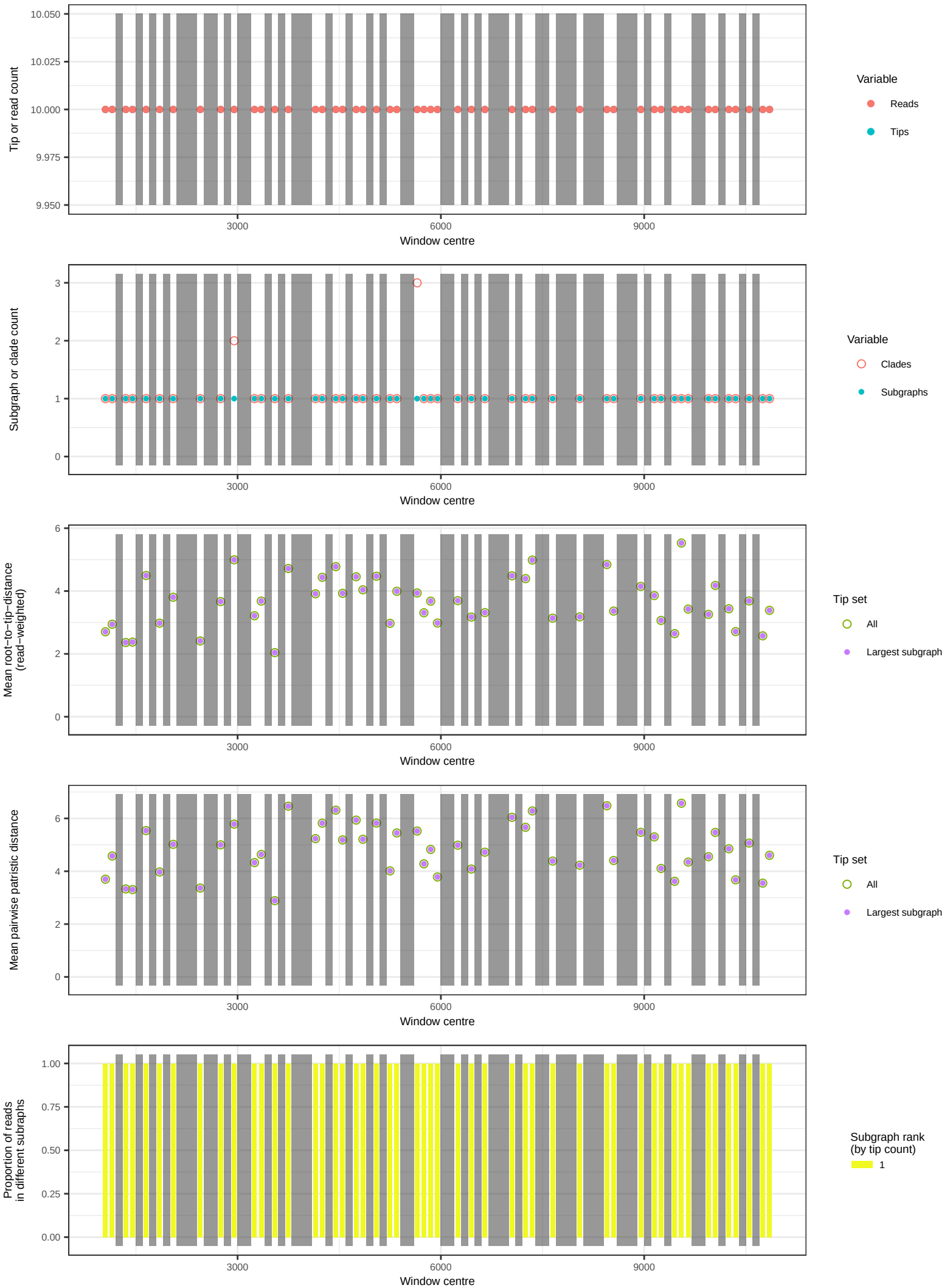
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1


Tip or read count
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9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
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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
6
4
2
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9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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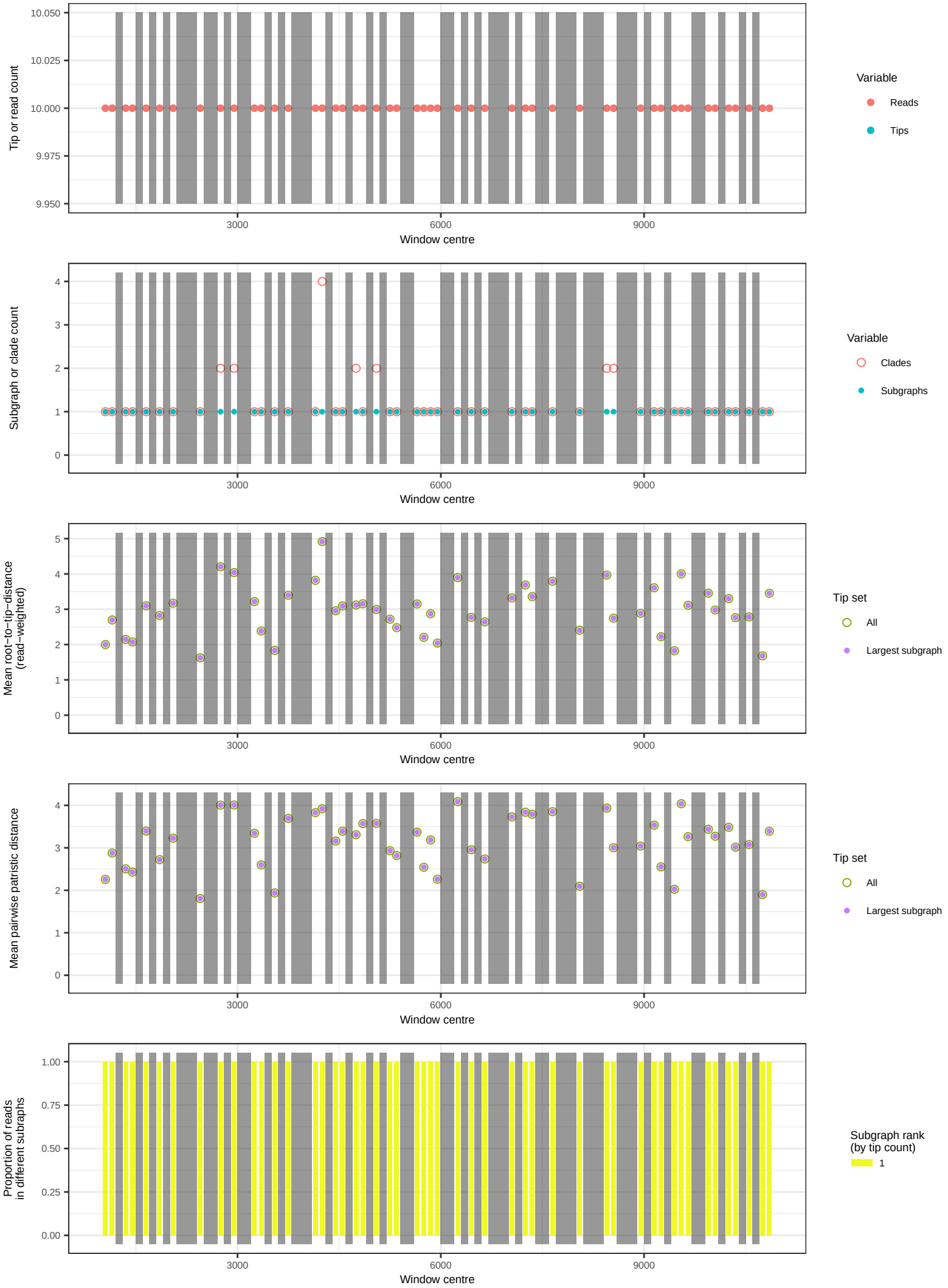
6000
9000
Window centre
Subgraph rank (by tip count)
1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10.000
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9.950
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6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
5
4
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
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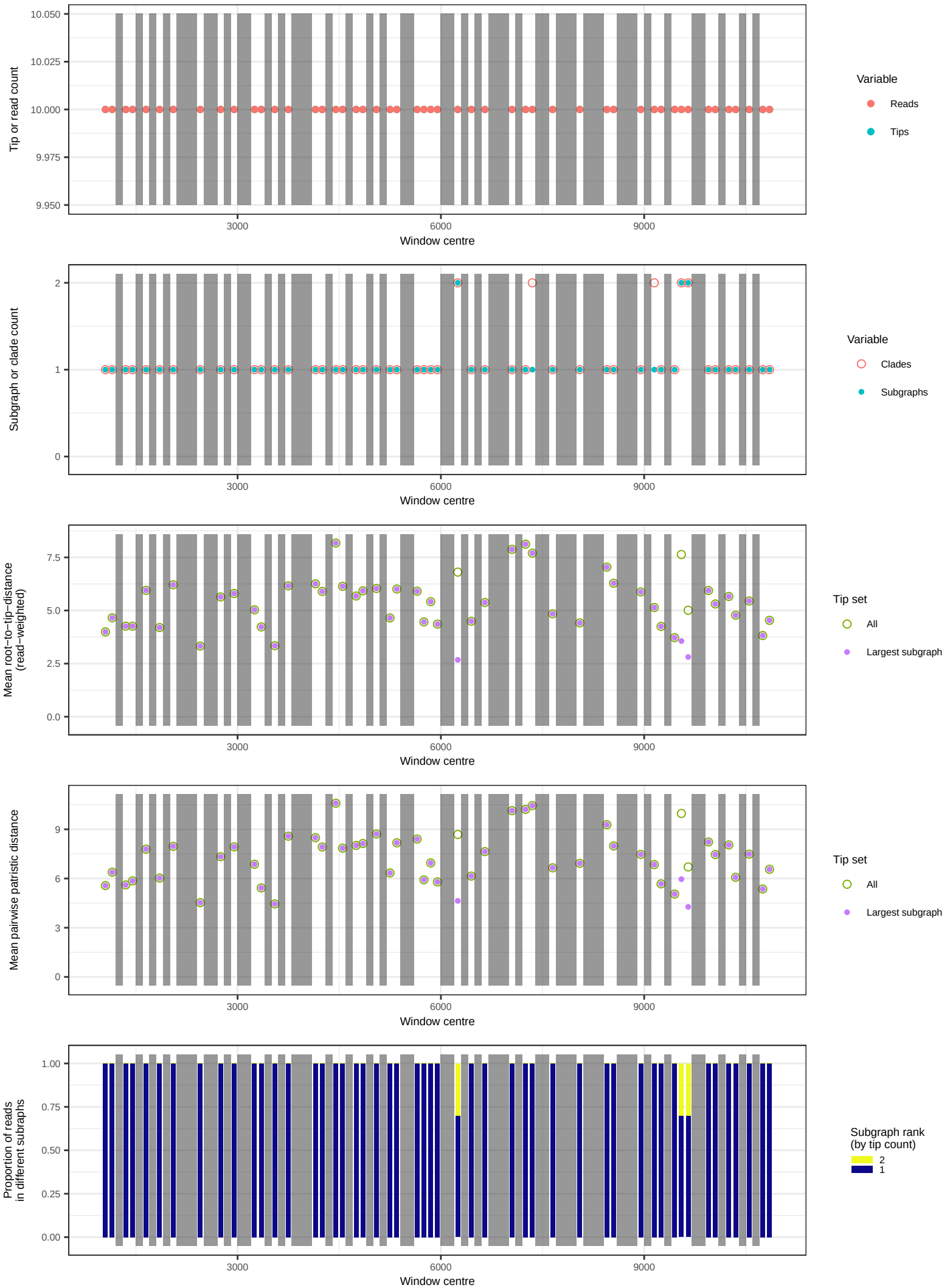
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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10.025
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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)
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
9
6
3
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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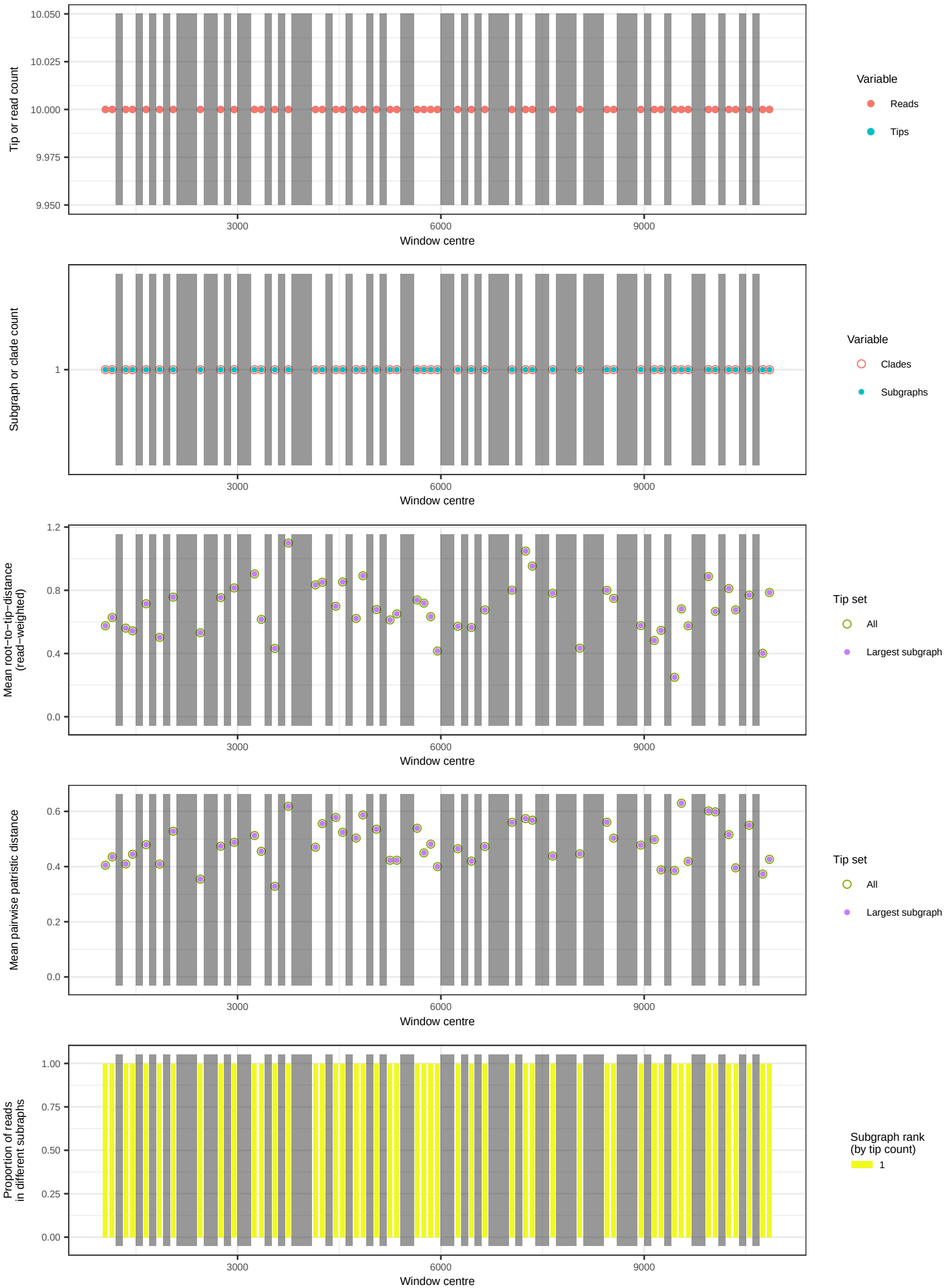
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1


Tip or read count
10.050
10.025
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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)
1.2
0.8
0.4
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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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6000
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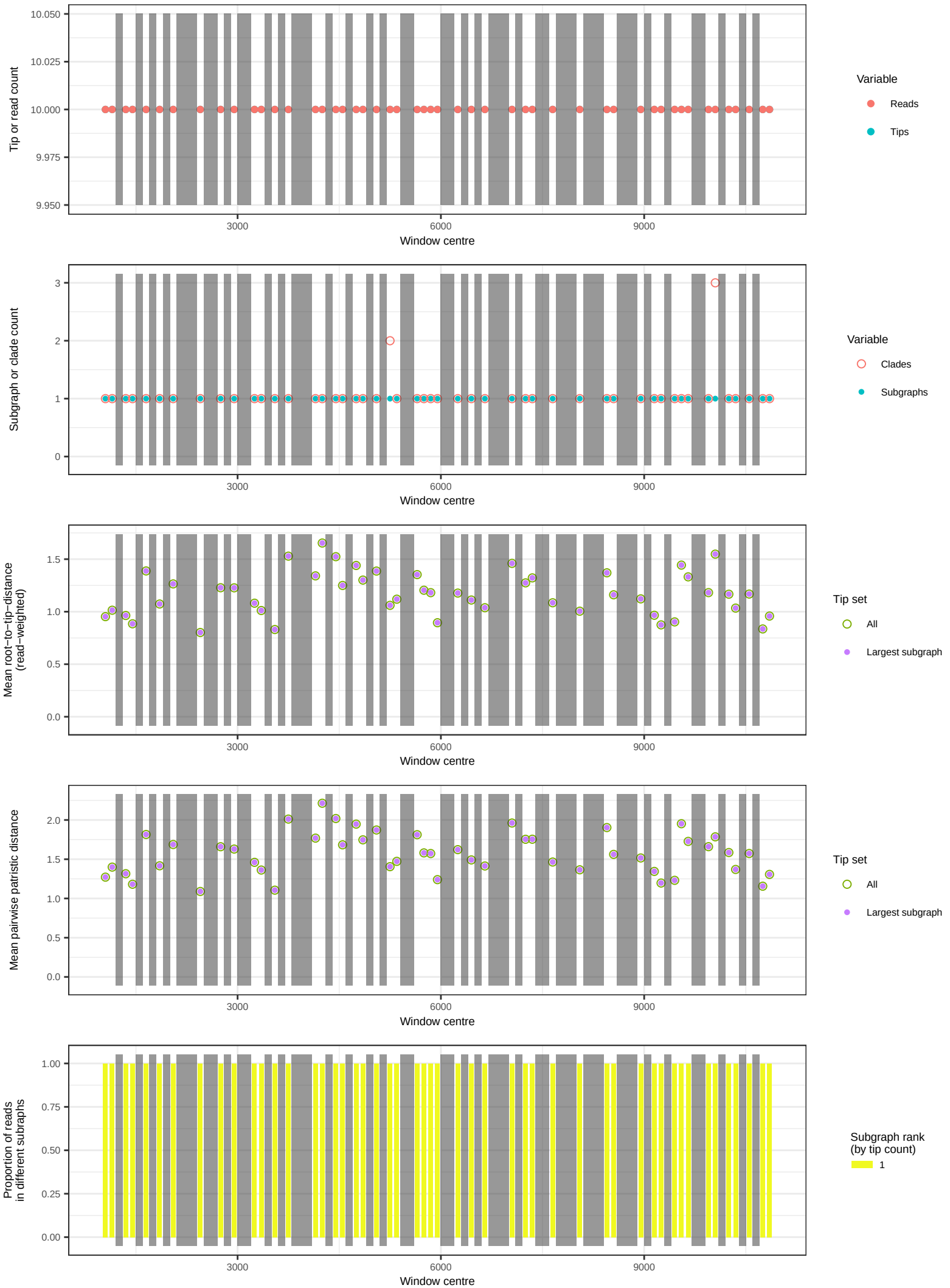
Window centre
Subgraph rank (by tip count)
1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Window centre
Variable
Reads
Tips
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3
2
1
0
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6000
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
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Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2.0
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1.0
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Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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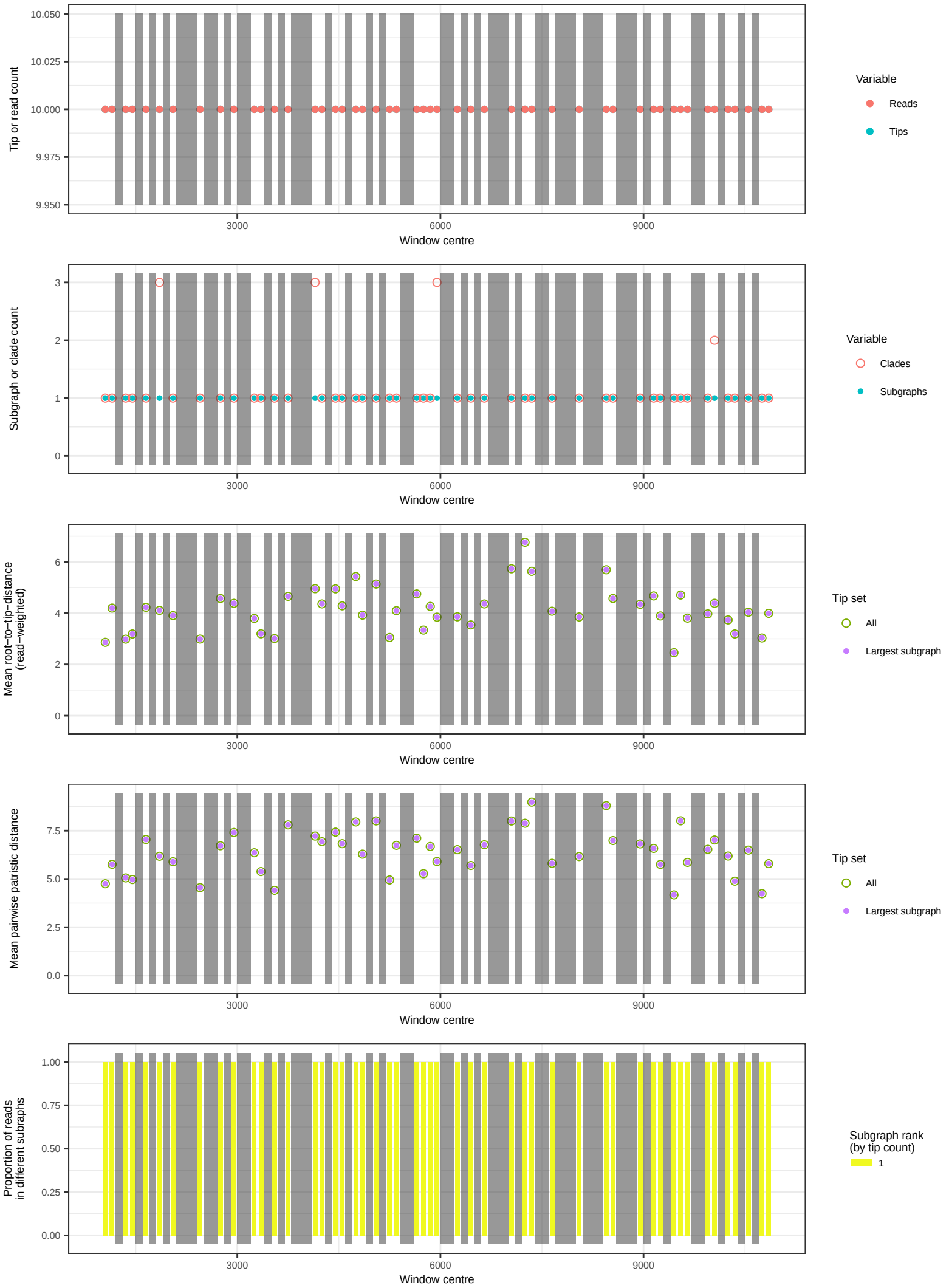
Window centre
Subgraph rank (by tip count)
1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Window centre
Variable
Reads
Tips
Subgraph or clade count
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2
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
6
4
2
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Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
7.5
5.0
2.5
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6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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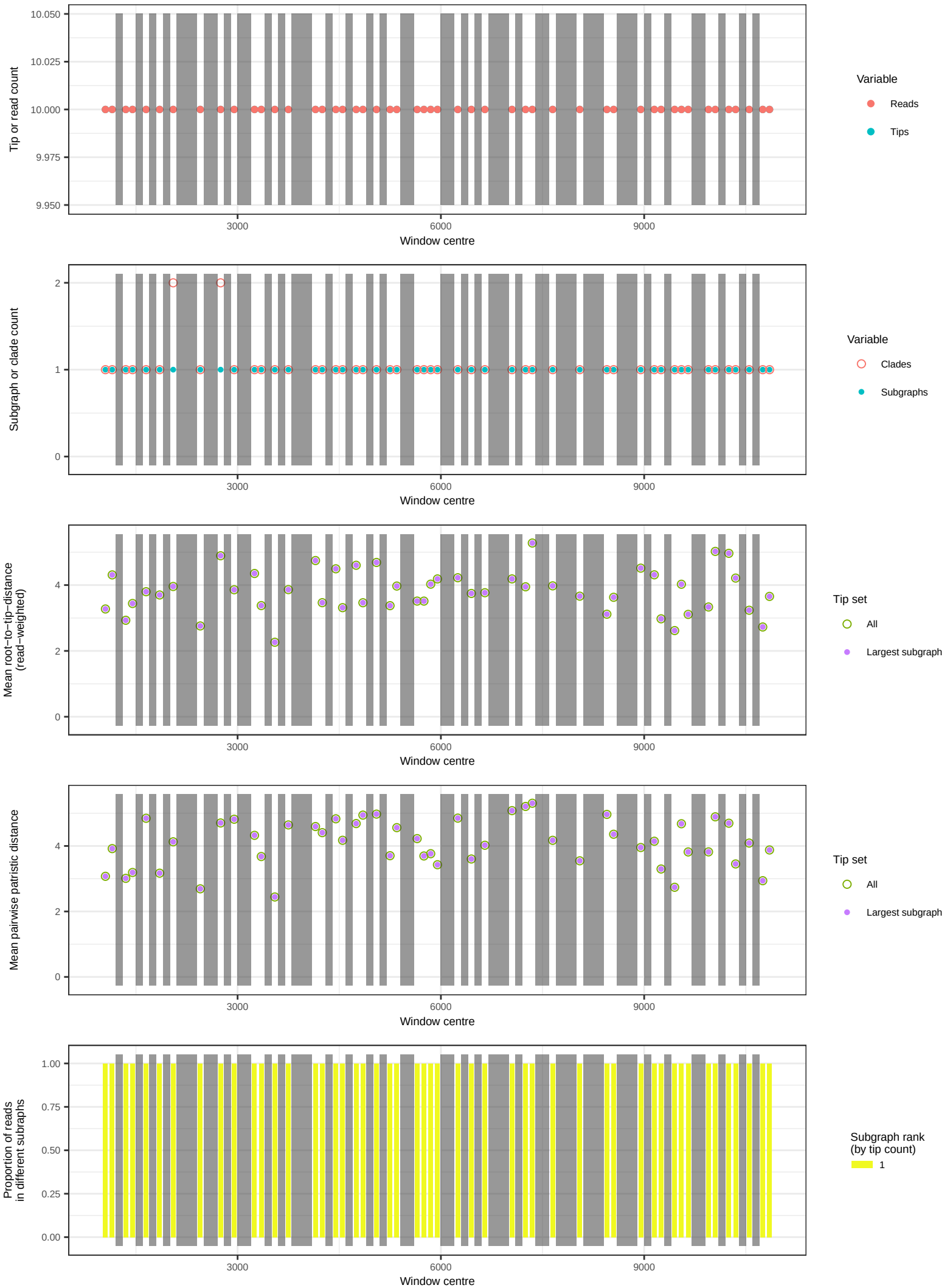
Window centre
Subgraph rank (by tip count)
1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Tips
Subgraph or clade count
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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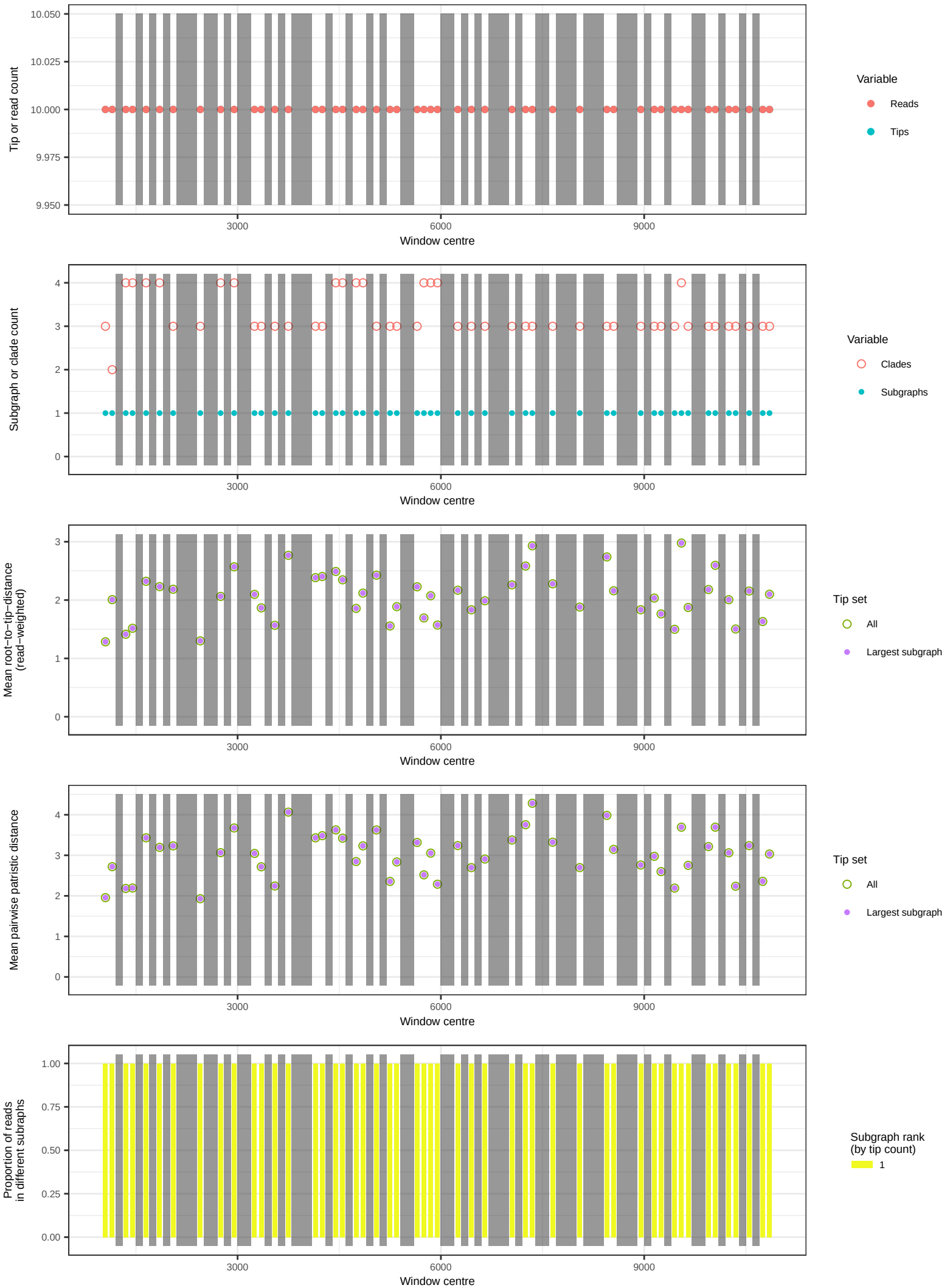
Window centre
Subgraph rank (by tip count)
1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Subgraph or clade count
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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Window centre
Tip set
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Largest subgraph
Mean pairwise patristic distance
4
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2
1
0
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Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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Window centre
Subgraph rank (by tip count)
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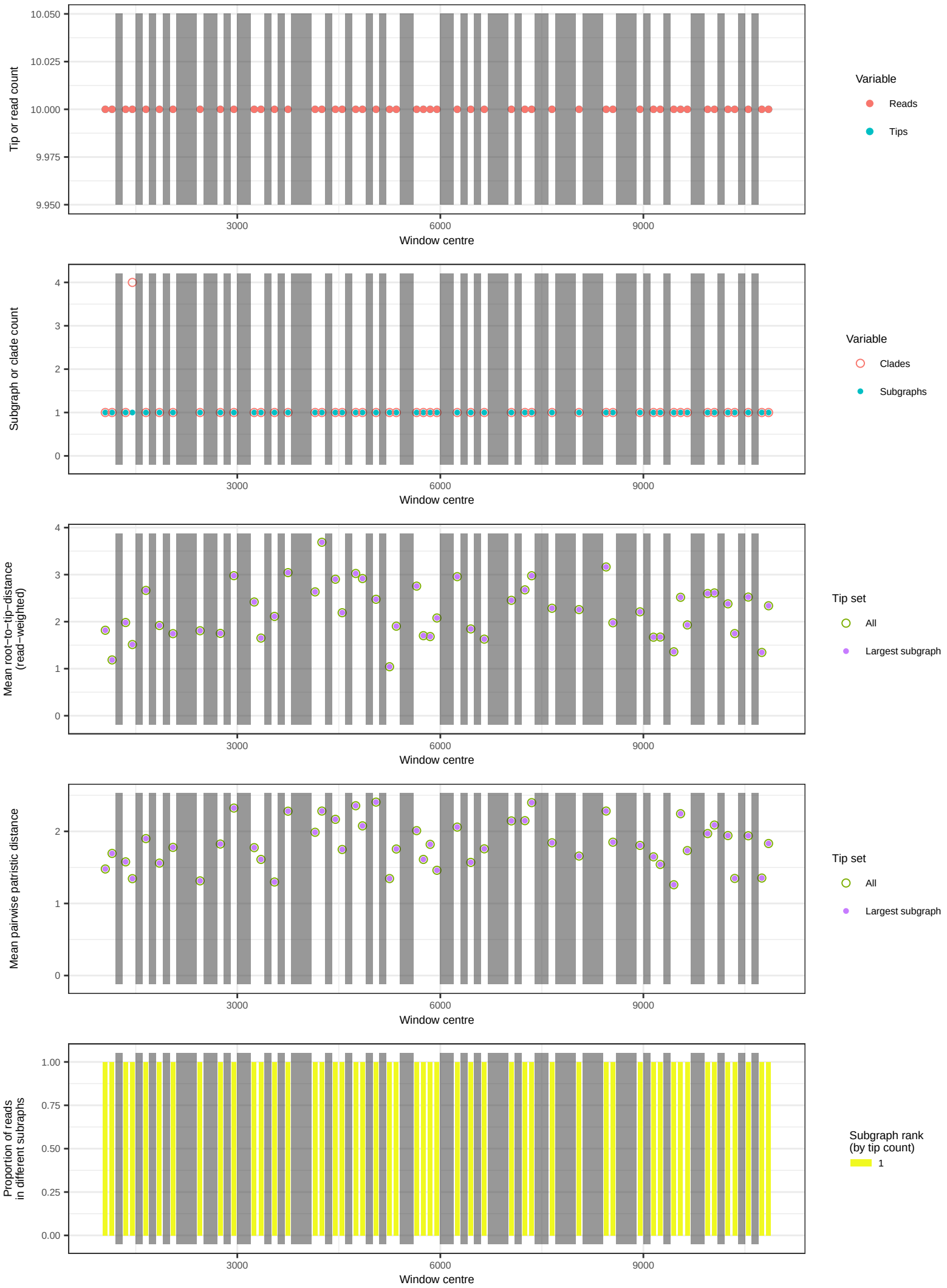
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Window centre
Variable
Reads
Tips
Subgraph or clade count
4
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
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Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2
1
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Window centre
Tip set
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Largest subgraph
Proportion of reads in different subraphs
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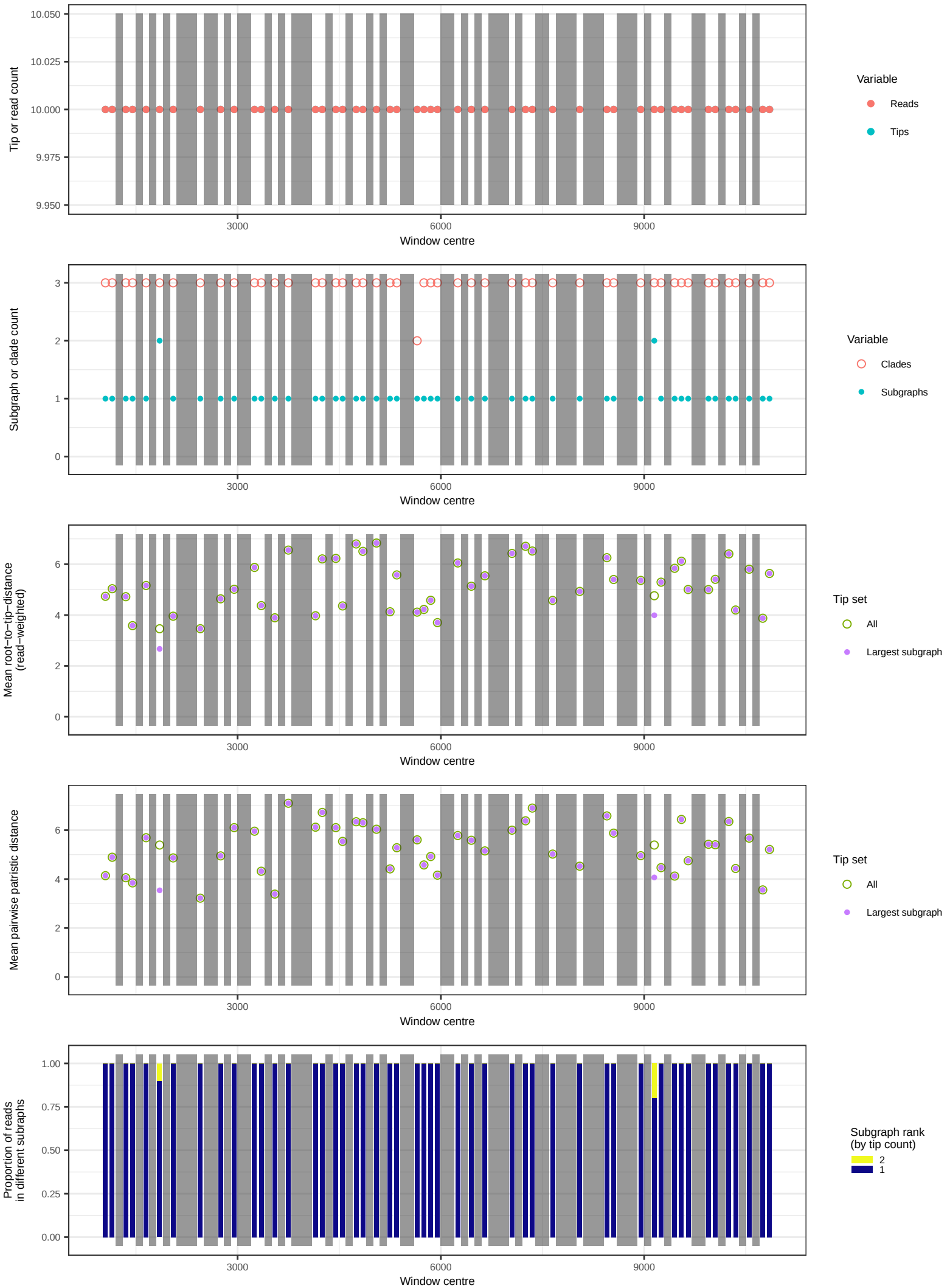
Window centre
Subgraph rank (by tip count)
1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Window centre
Variable
Reads
Tips
Subgraph or clade count
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2
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
6
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6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
6
4
2
0
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6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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Window centre
Subgraph rank (by tip count)
2
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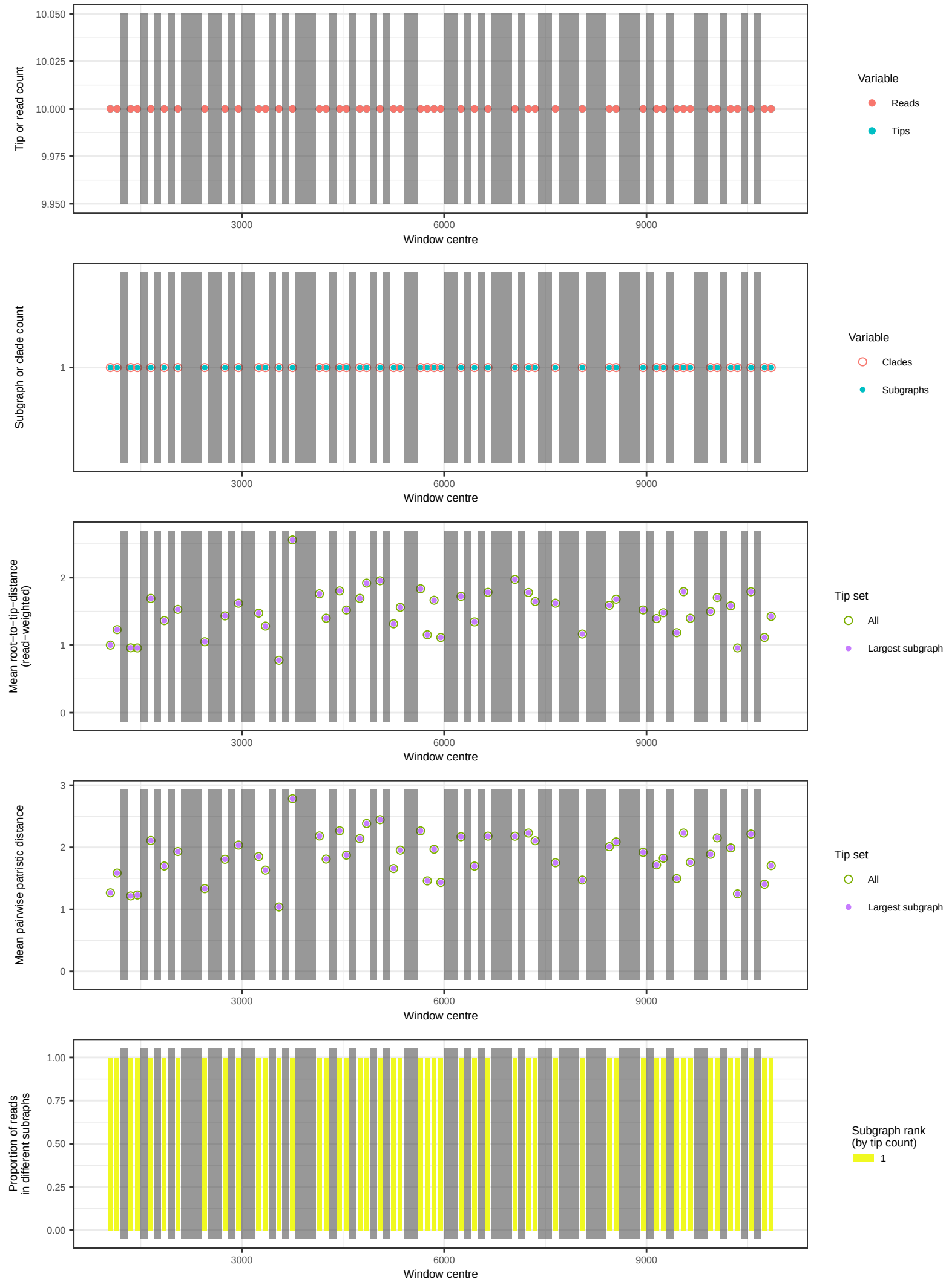
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Tips
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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Largest subgraph
Mean pairwise patristic distance
3
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Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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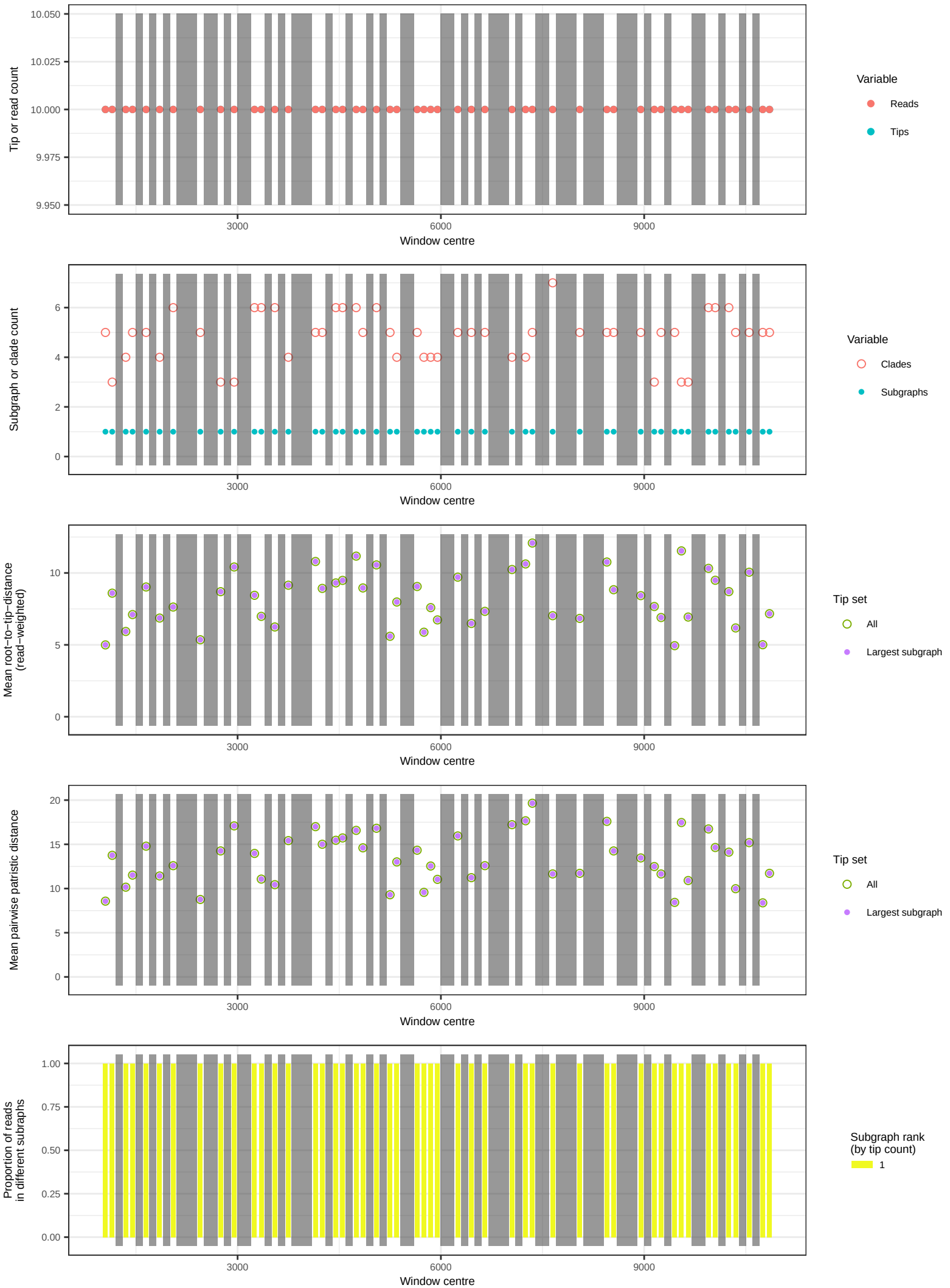
Window centre
Subgraph rank (by tip count)
1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Variable
Reads
Tips
Subgraph or clade count
6
4
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9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
10
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Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
20
15
10
5
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6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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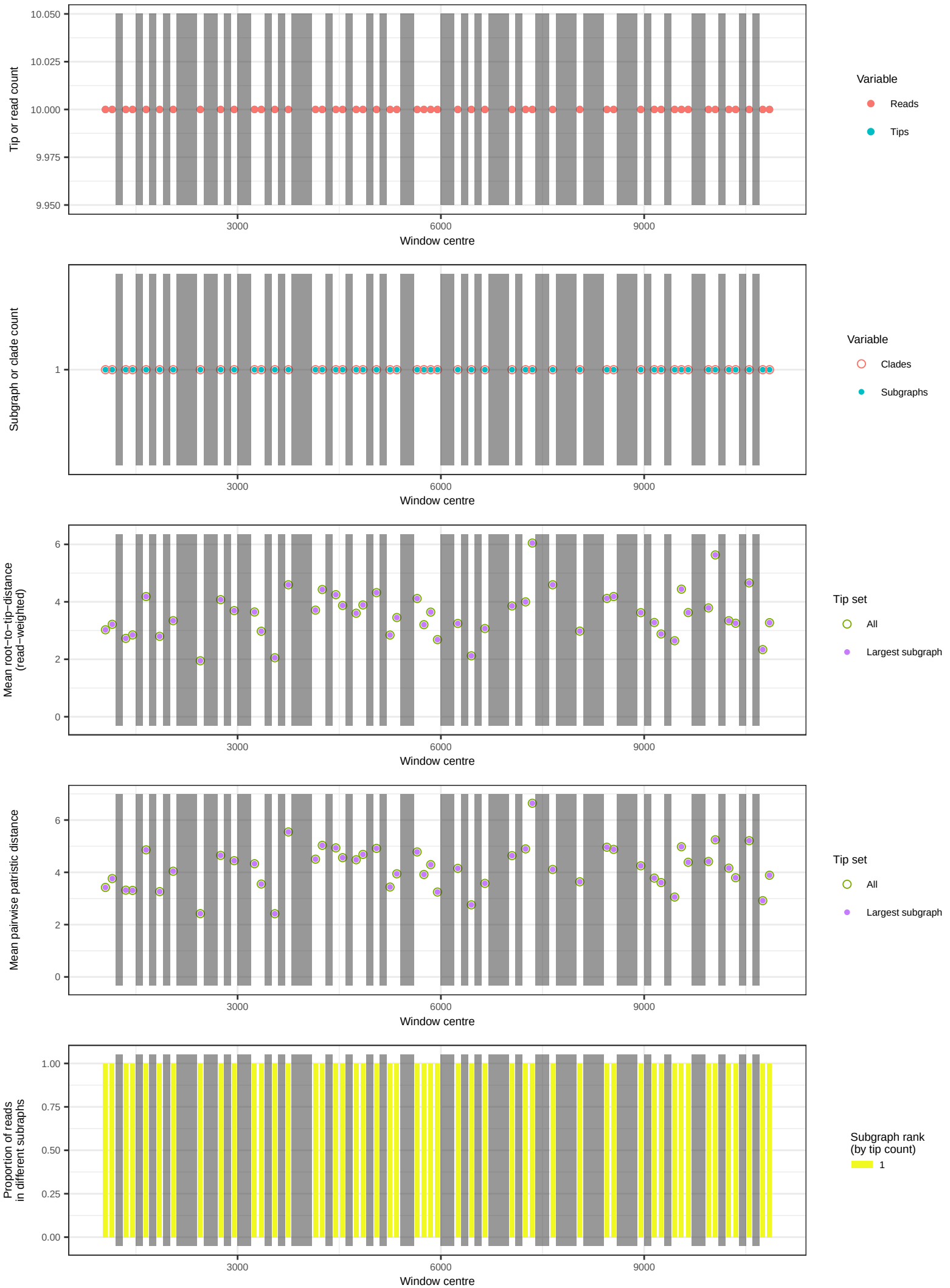
6000
9000
Window centre
Subgraph rank (by tip count)
1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Subgraph or clade count
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
6
4
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Window centre
Tip set
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Largest subgraph
Mean pairwise patristic distance
6
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Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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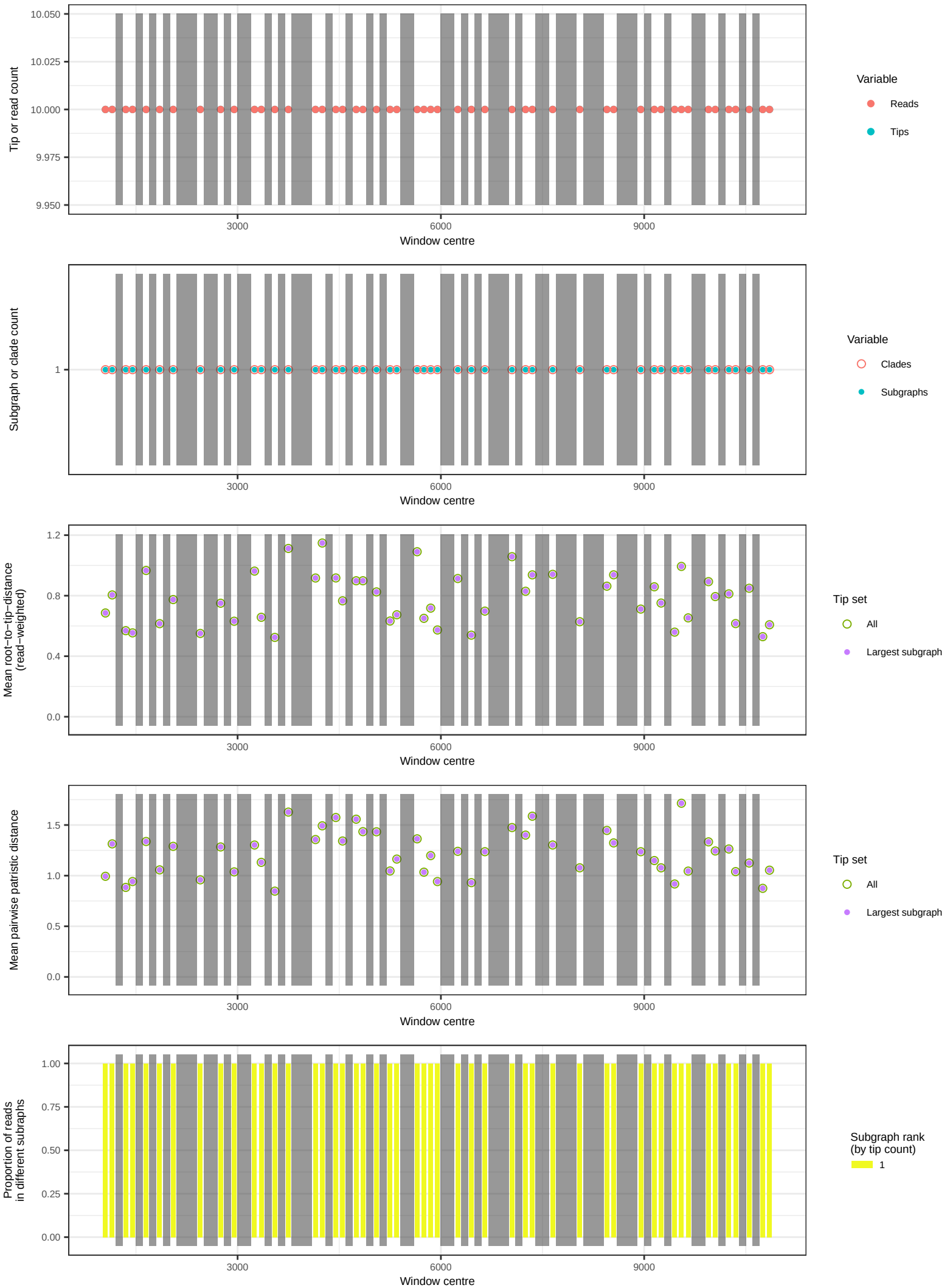
Window centre
Subgraph rank (by tip count)
1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Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.2
0.8
0.4
0.0
3000
6000
9000
Window centre
Tip 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
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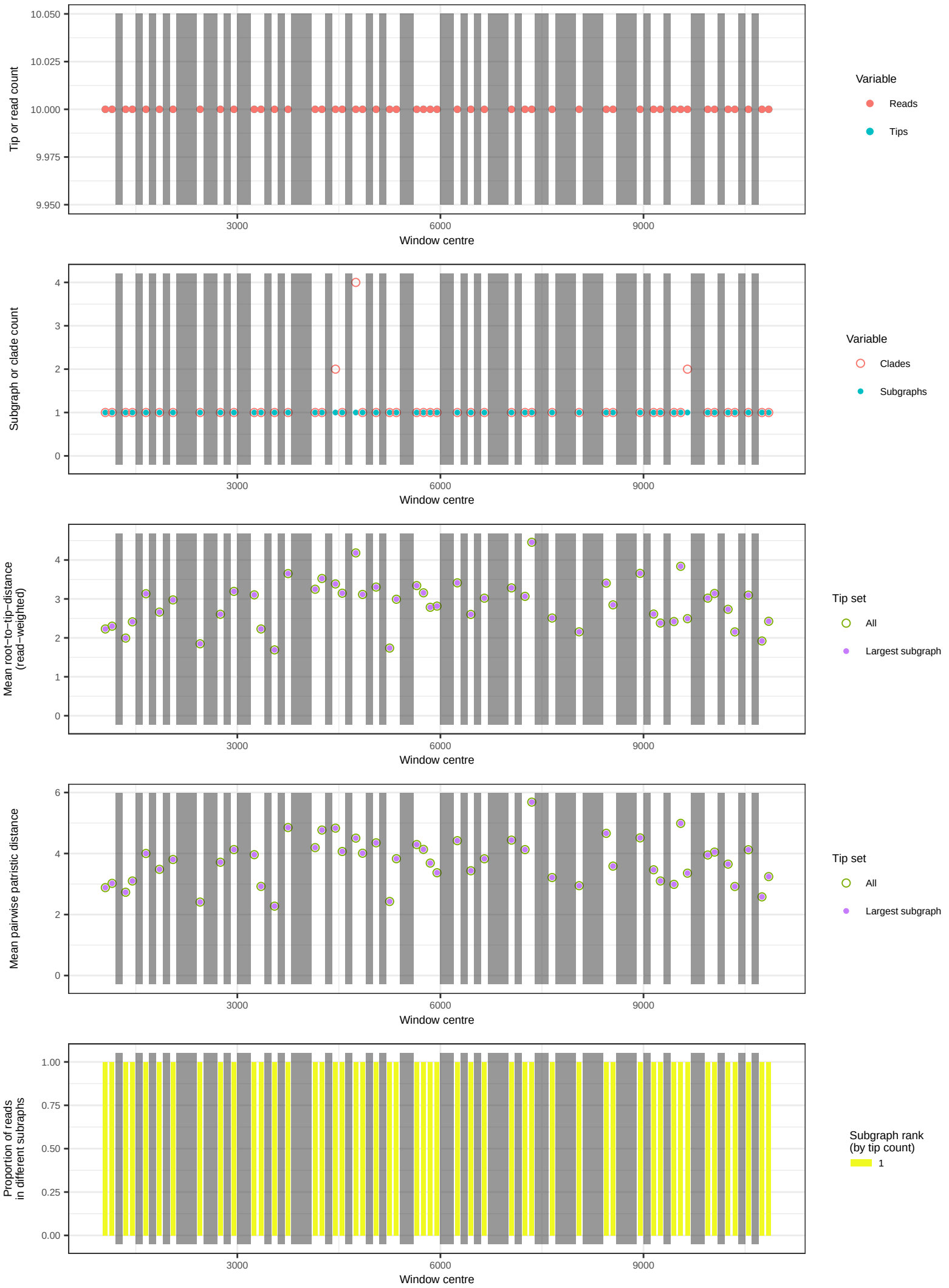
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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10.025
10.000
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9.950
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6000
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Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
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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
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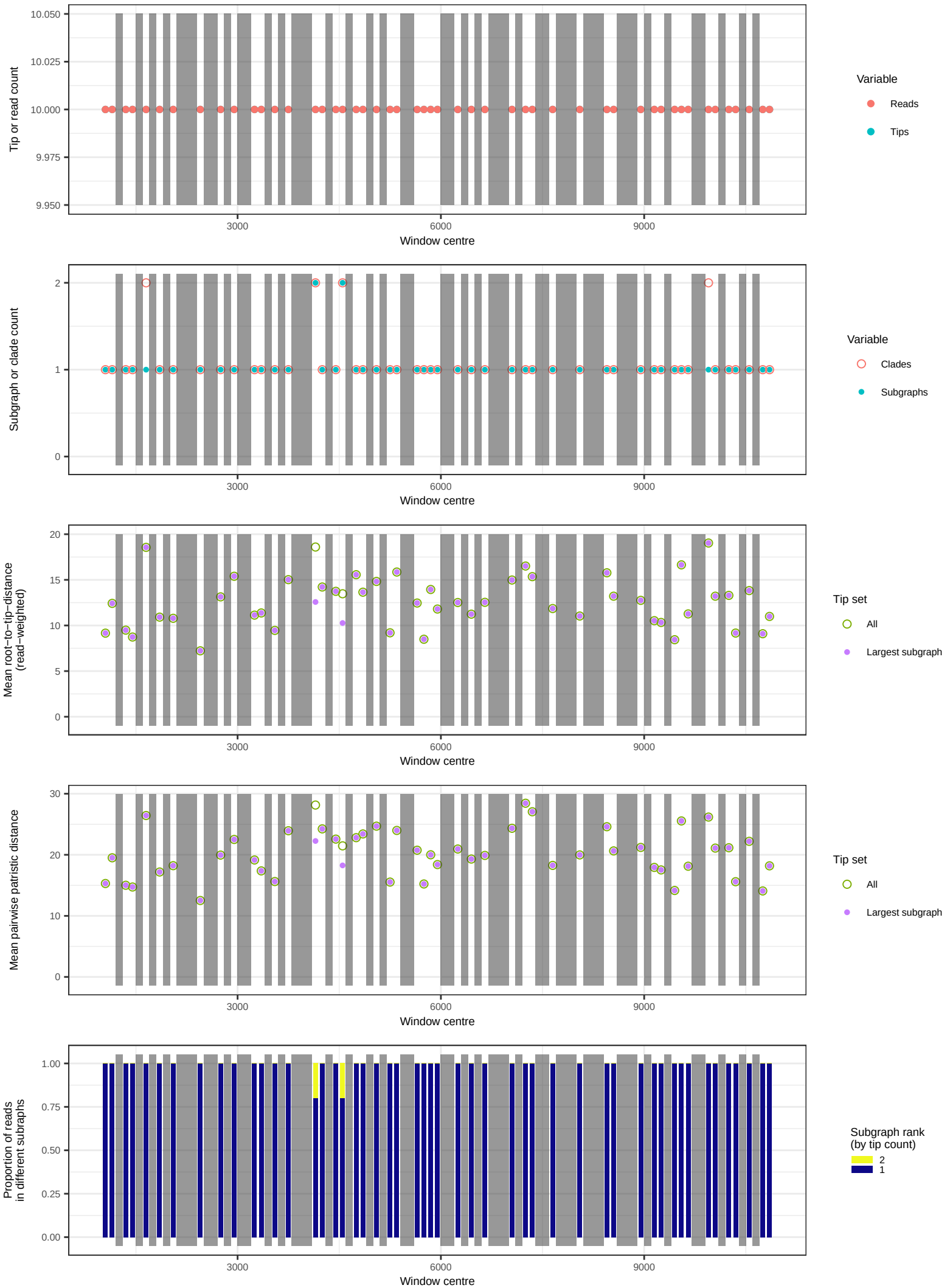
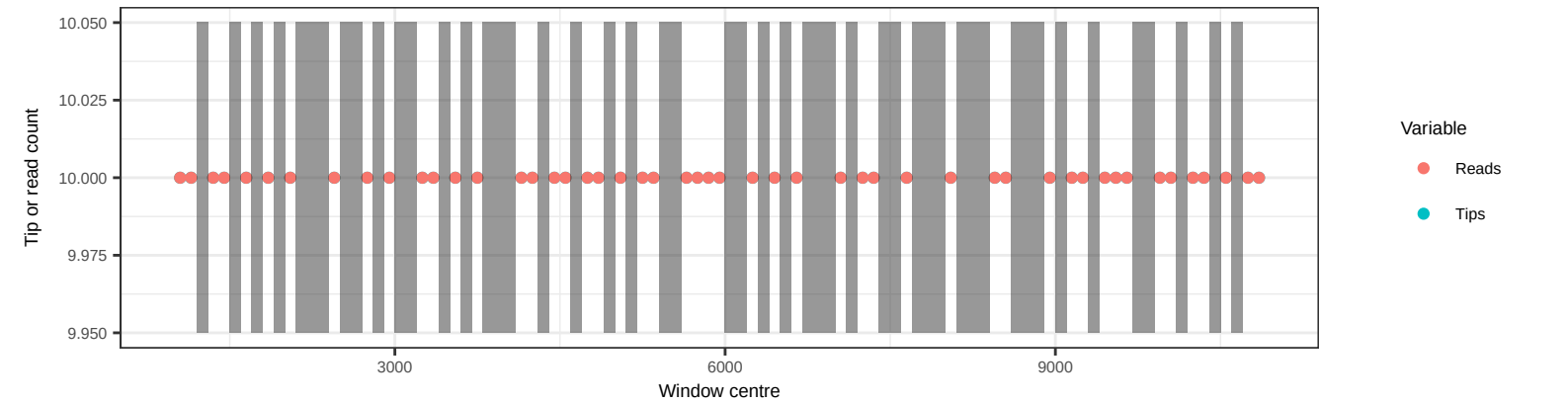
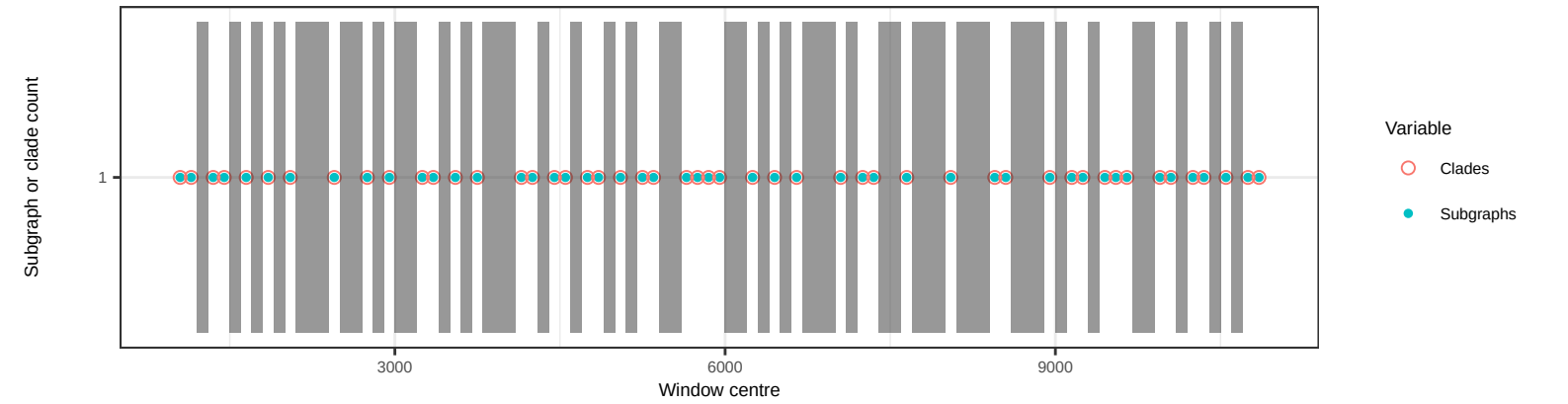
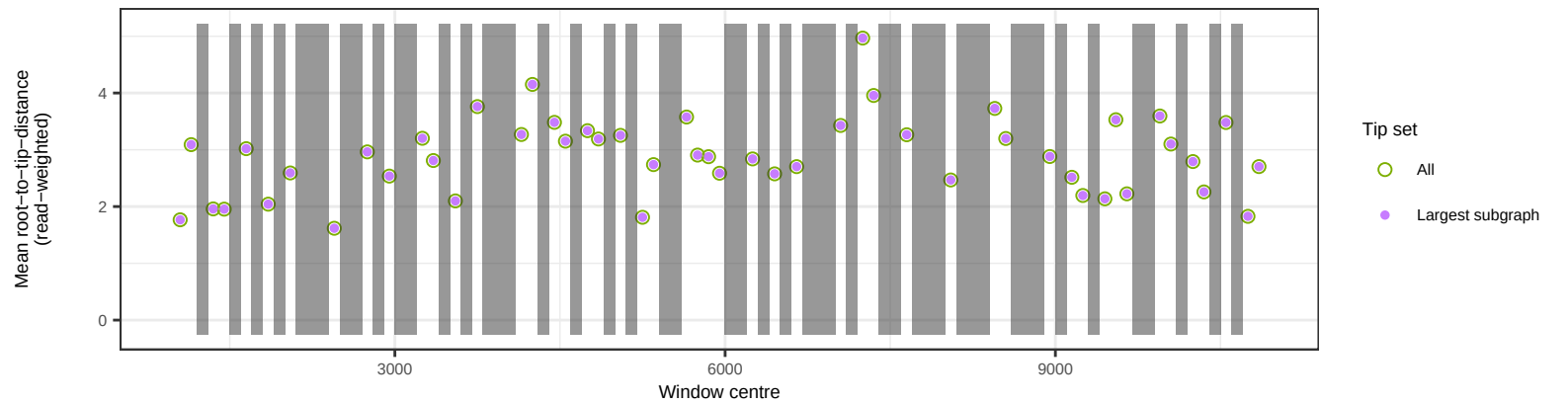
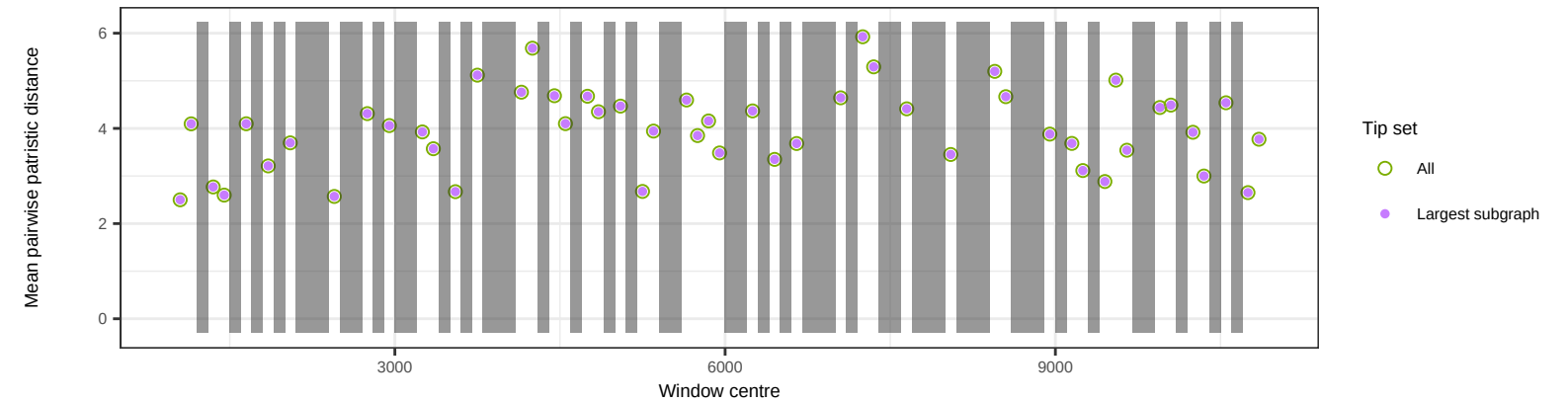
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

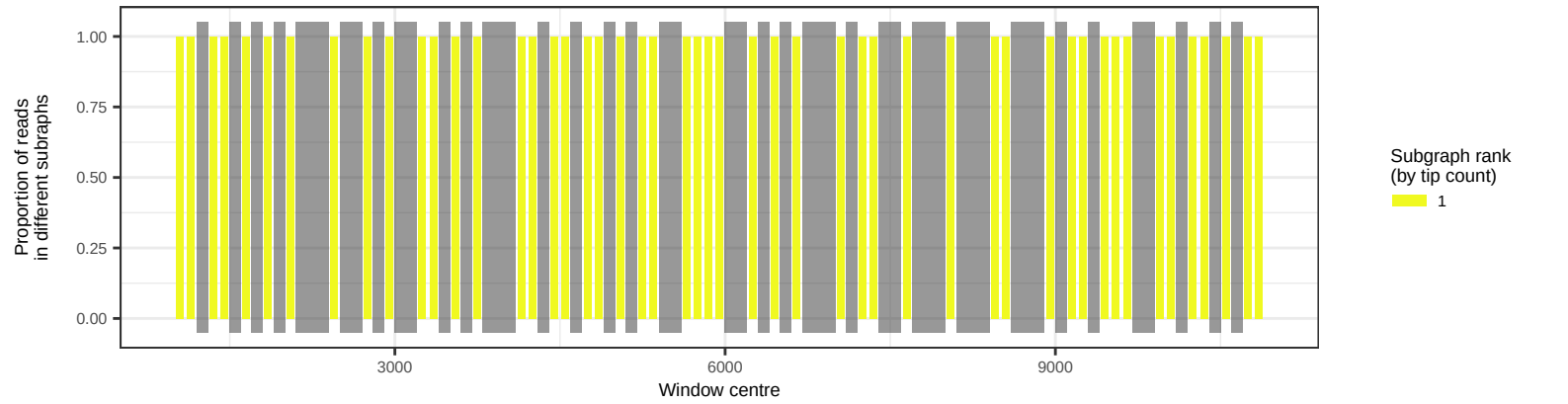

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
20
15
10
5
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
30
20
10
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

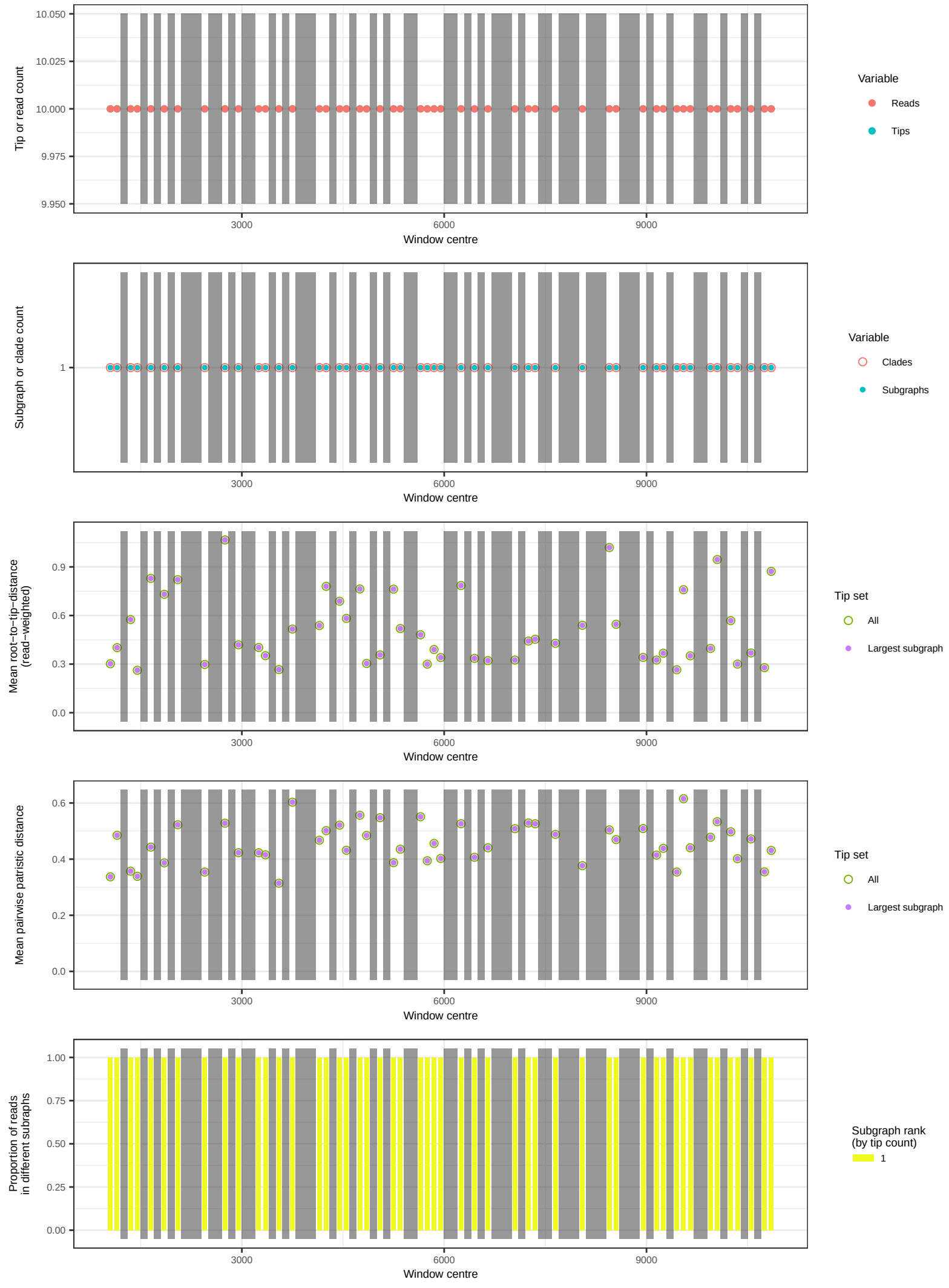

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips


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

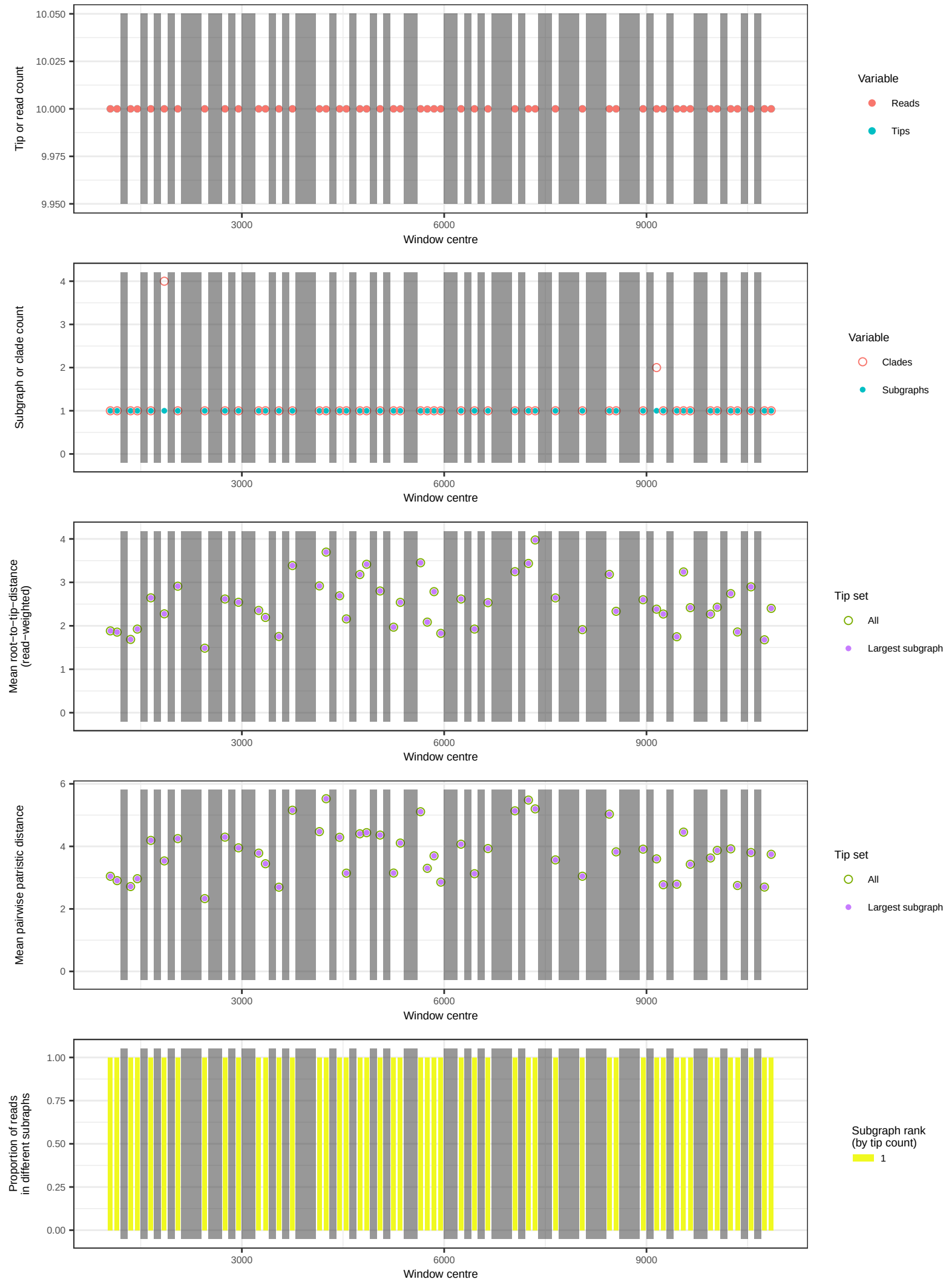

Mean root−to−tip−distance
(read−weighted)
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

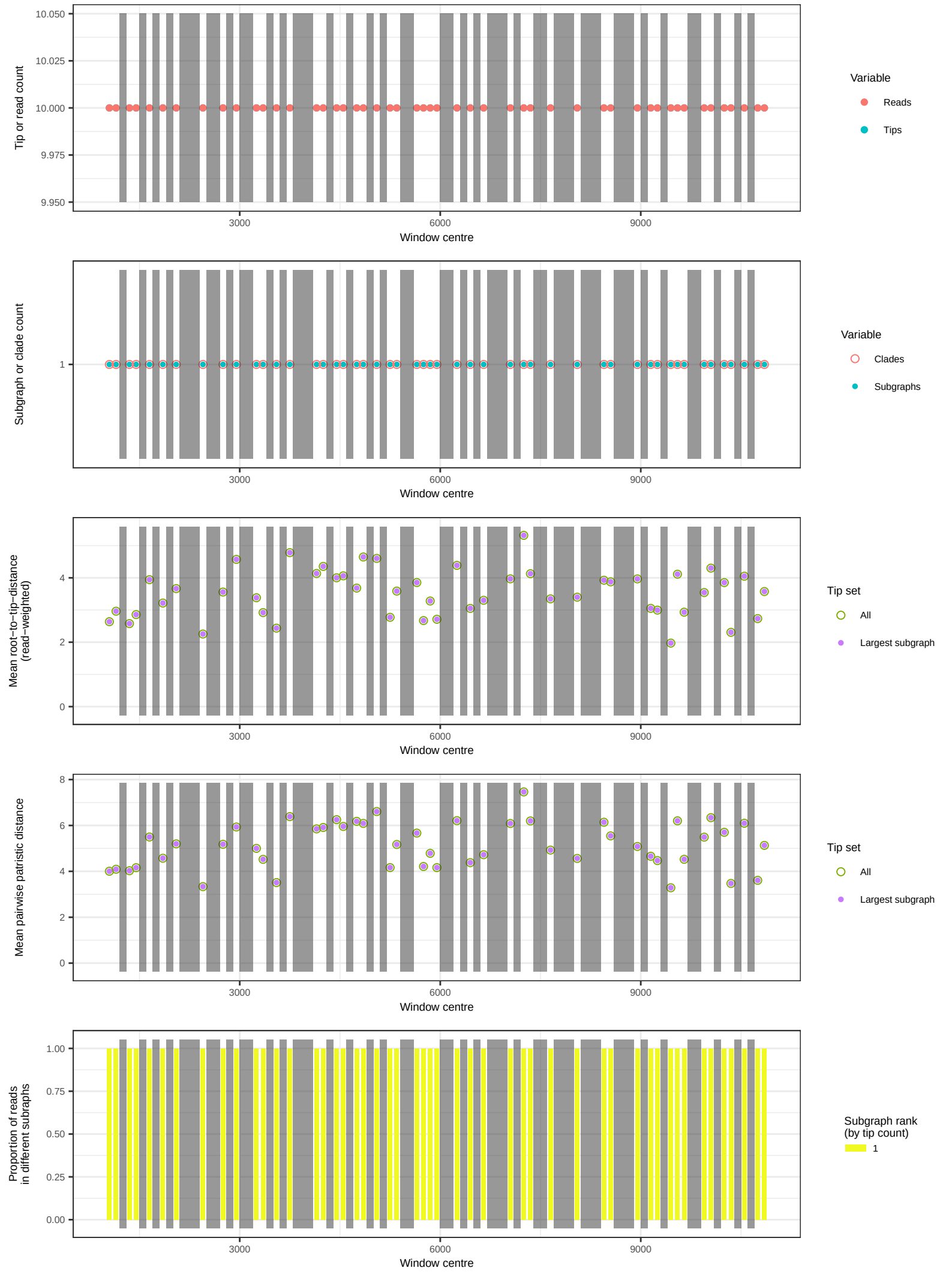

Mean pairwise patristic distance
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


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
10.050
10.025
10.000
9.975
9.950
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
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

900


Tip or read count
10.050
10.025
10.000
9.975
9.950
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
10.050
10.025
10.000
9.975
9.950
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
4
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0
2
4
6
8
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
0.00
0.25
0.50
0.75
1.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1