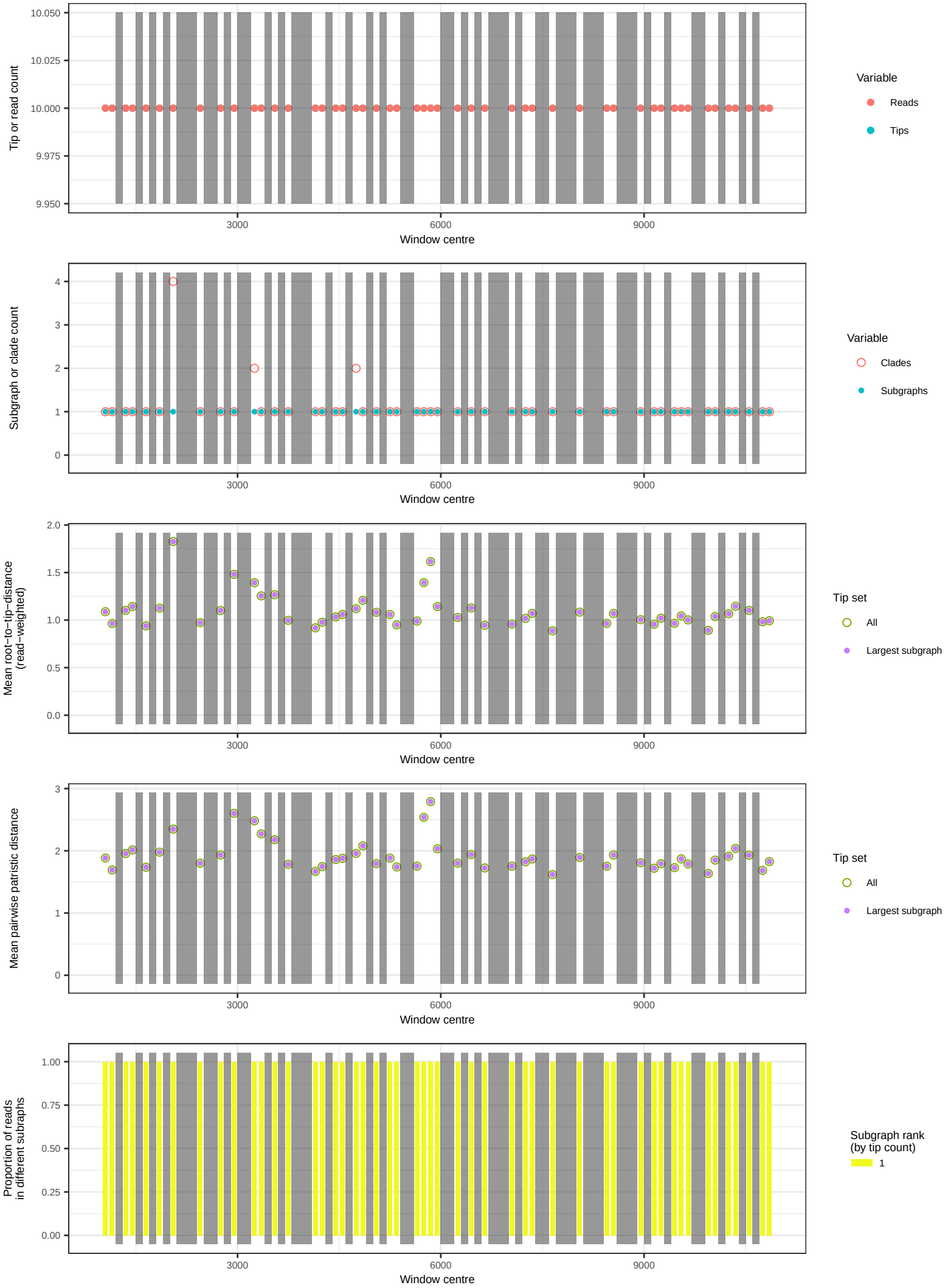
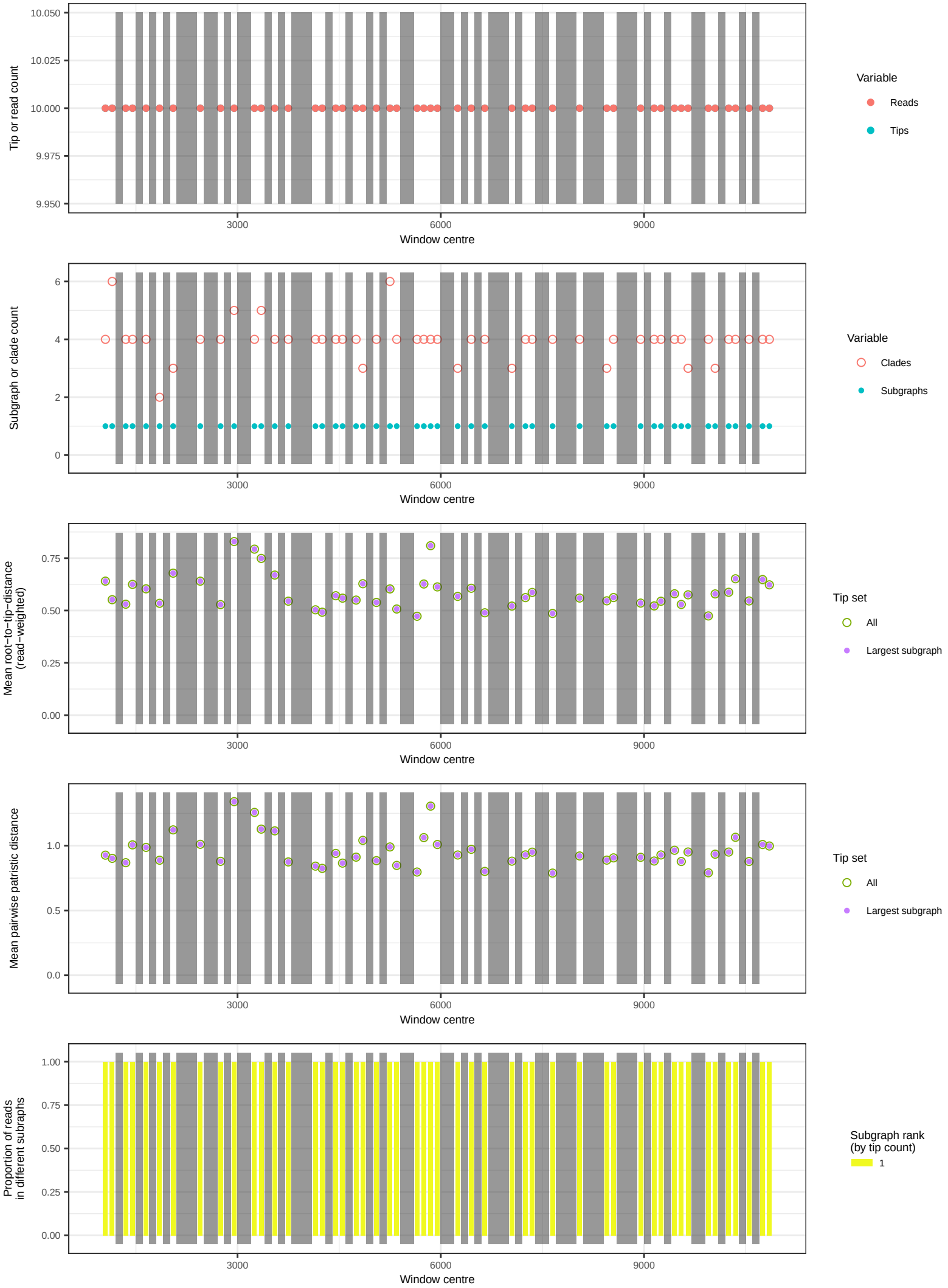

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
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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10.000
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9.950
3000
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9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
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
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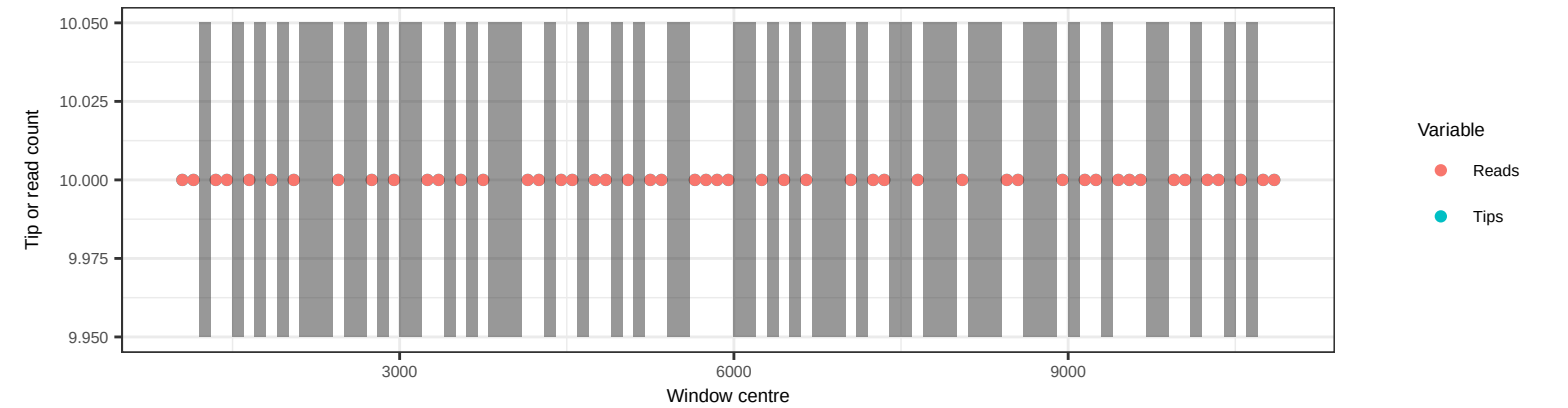
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1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10.000
9.975
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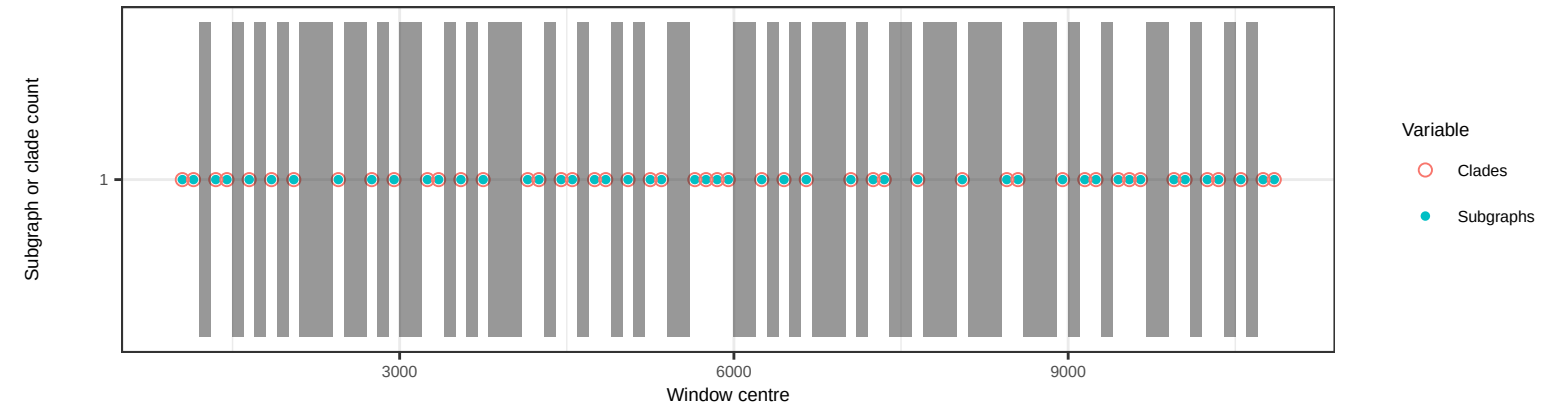
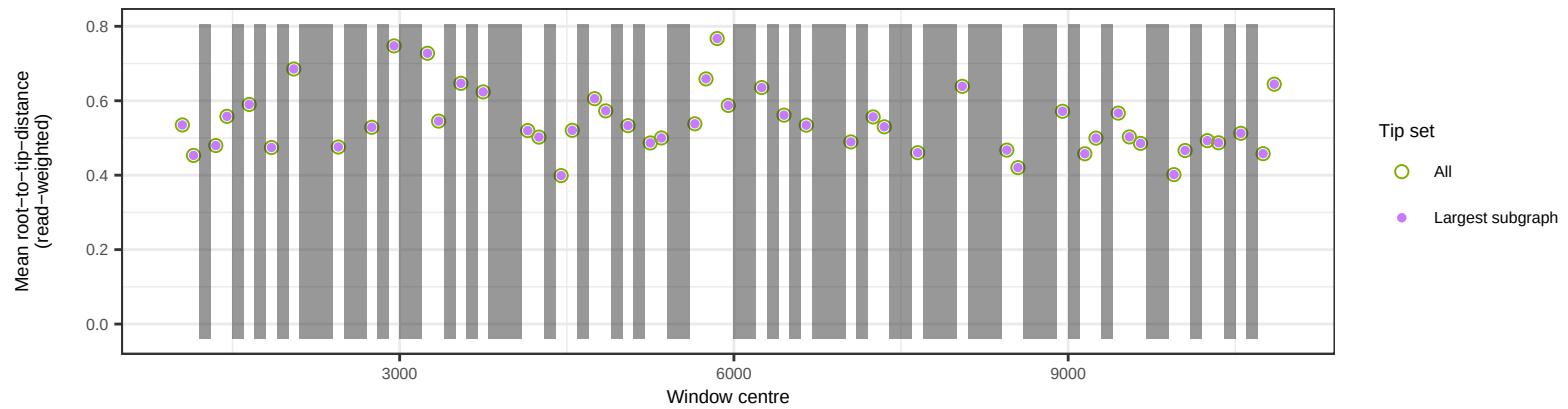
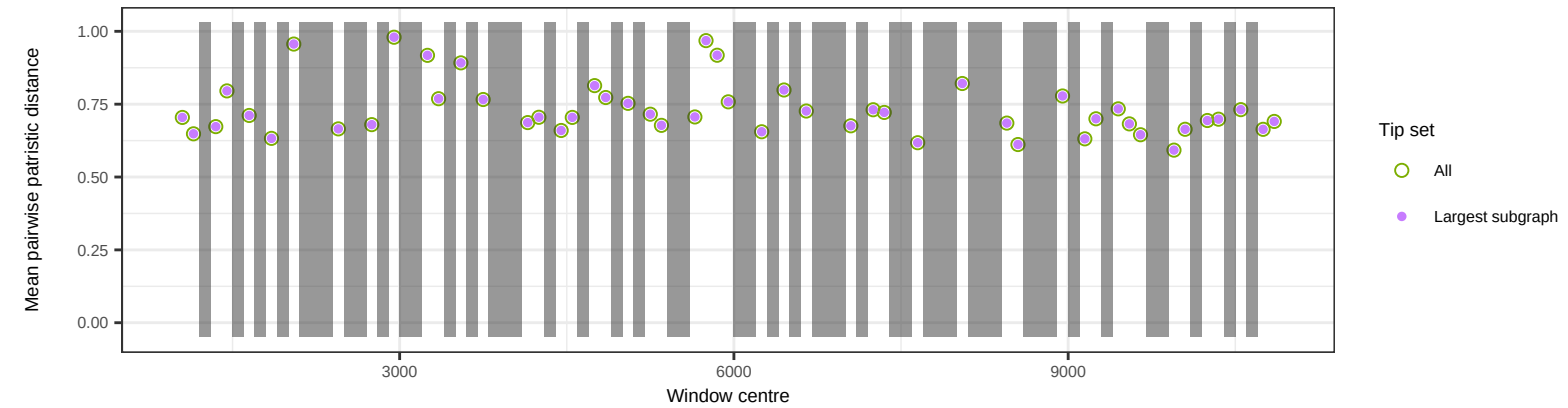
6000
9000
Window centre
Variable
Reads
Tips


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
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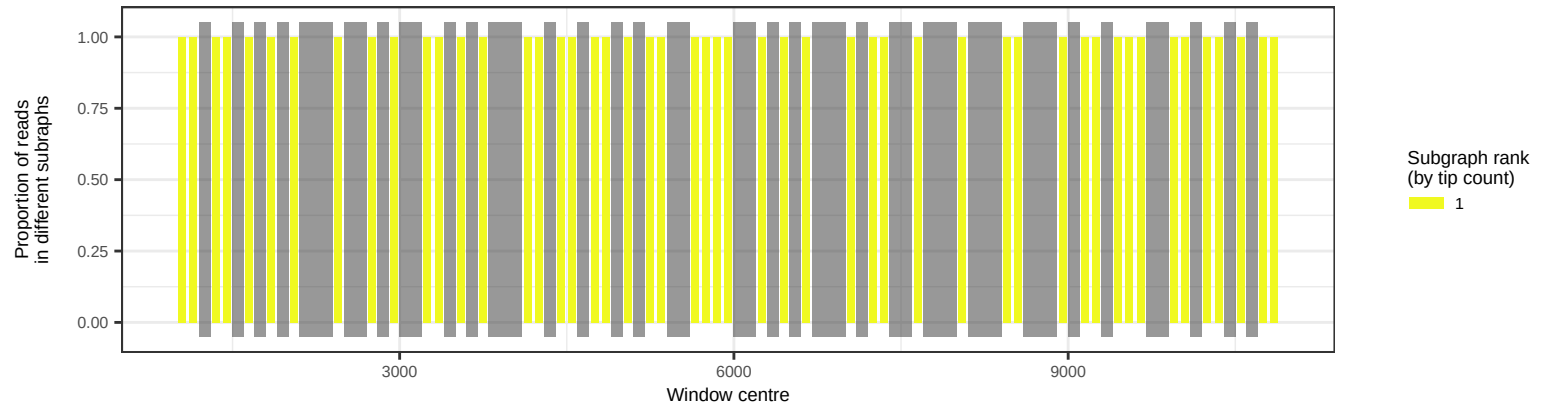
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


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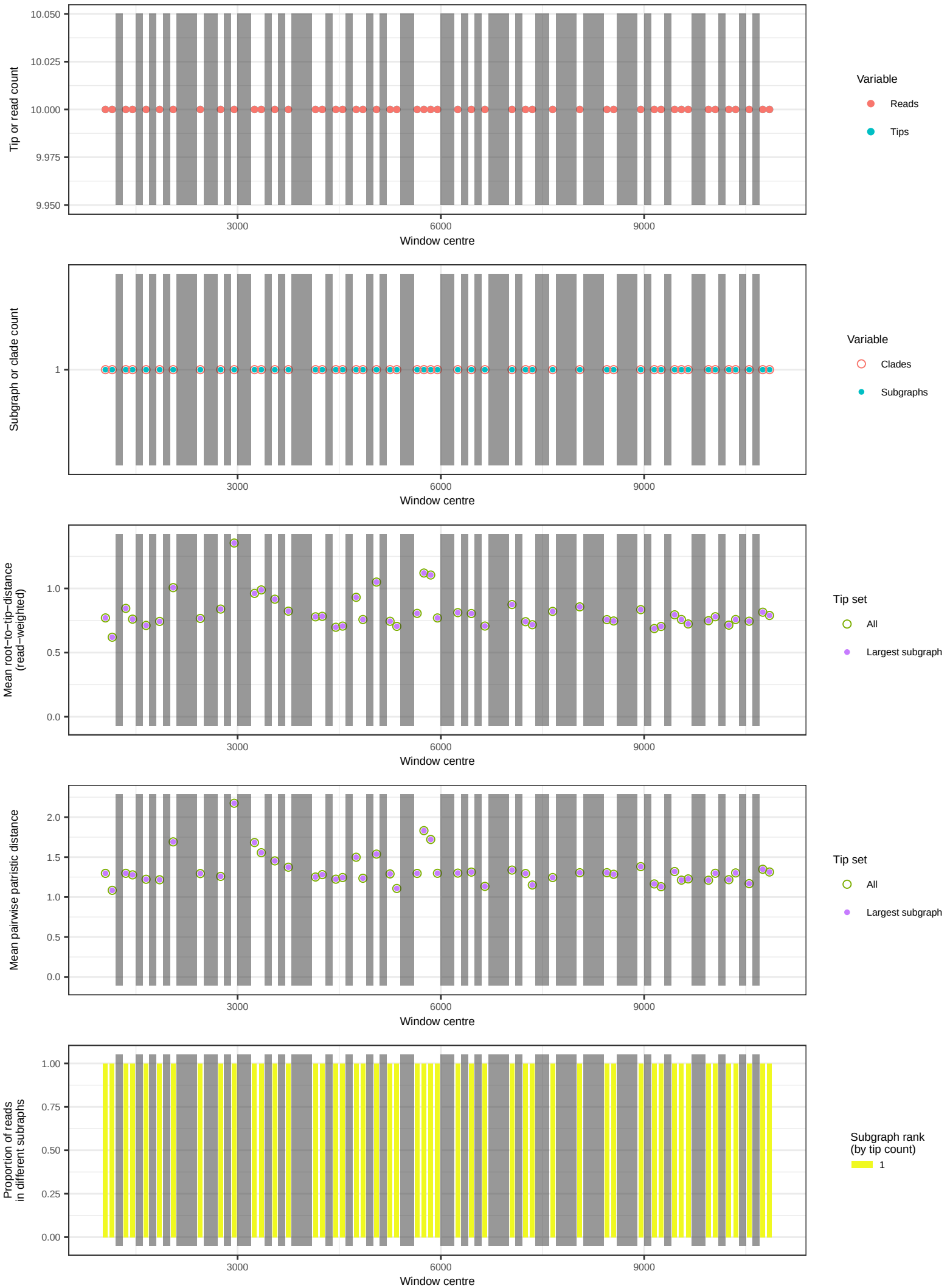
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1


Tip or read count
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10.000
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9.950
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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)
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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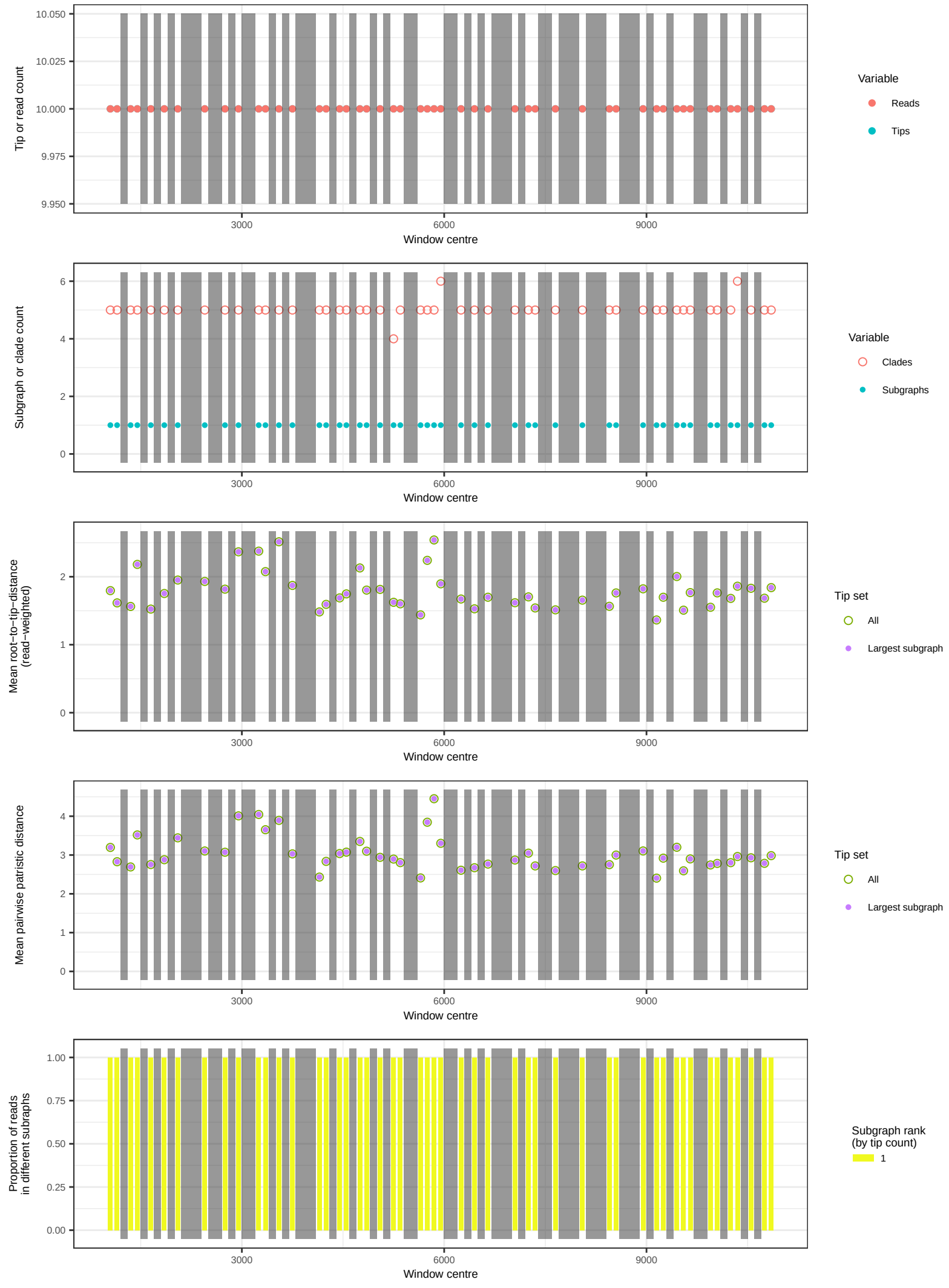
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1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9.950
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9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
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6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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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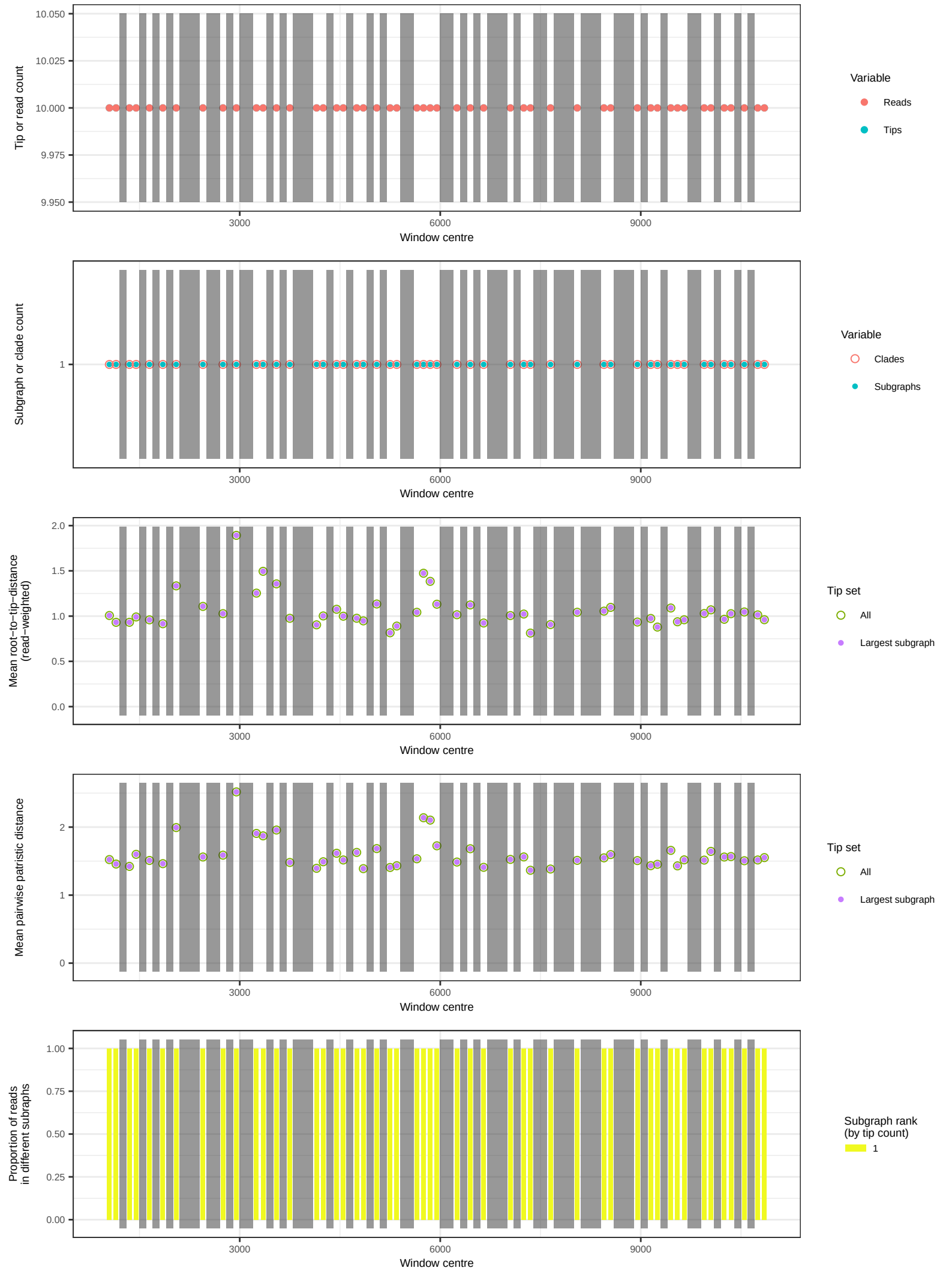
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1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9000
Window centre
Variable
Reads
Tips
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3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2.0
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1.0
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9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2
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Window centre
Tip set
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Largest subgraph
Proportion of reads in different subraphs
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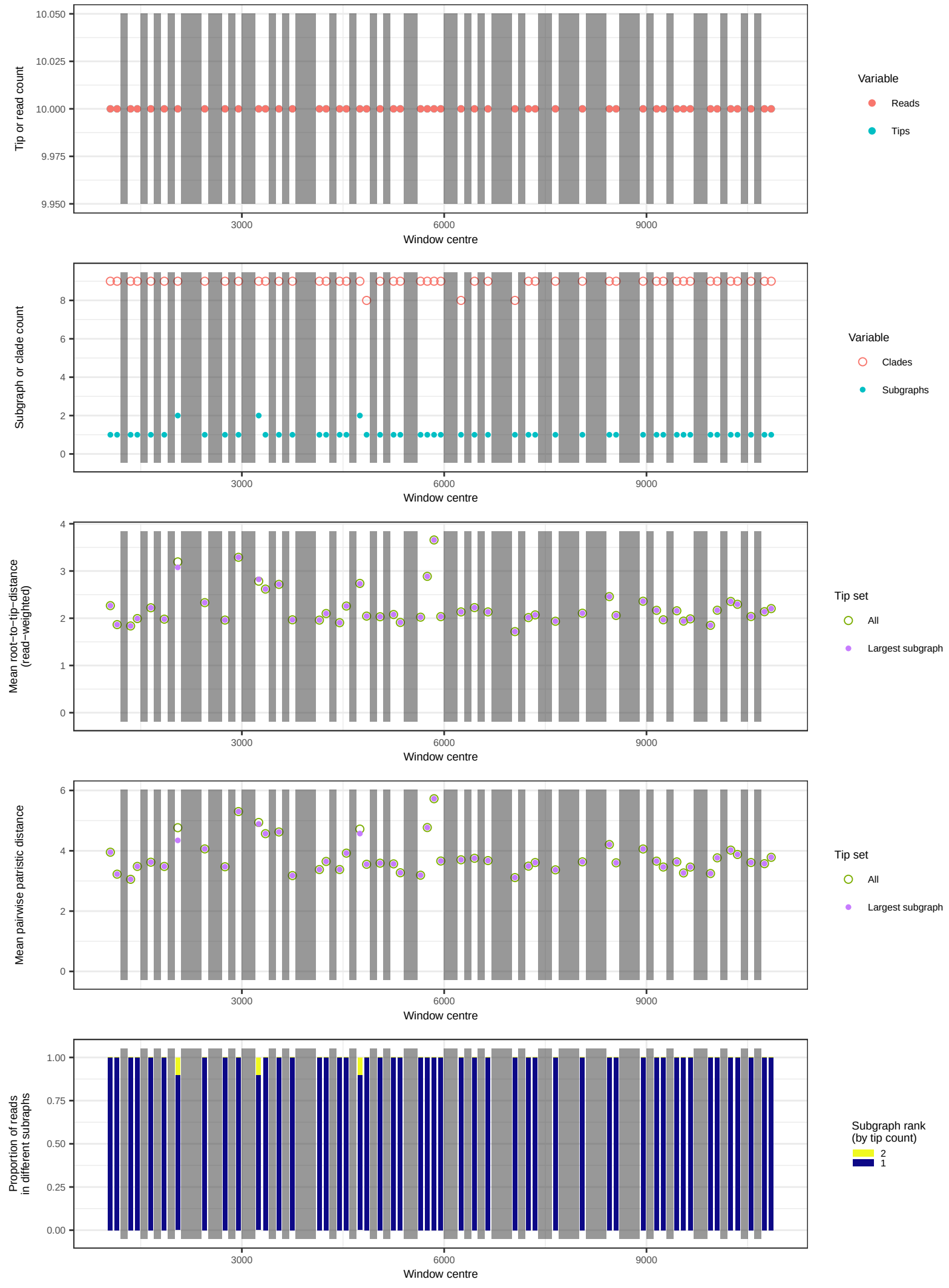
Window centre
Subgraph rank (by tip count)
1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Window centre
Variable
Reads
Tips
Subgraph or clade count
8
6
4
2
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6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
2
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Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
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4
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Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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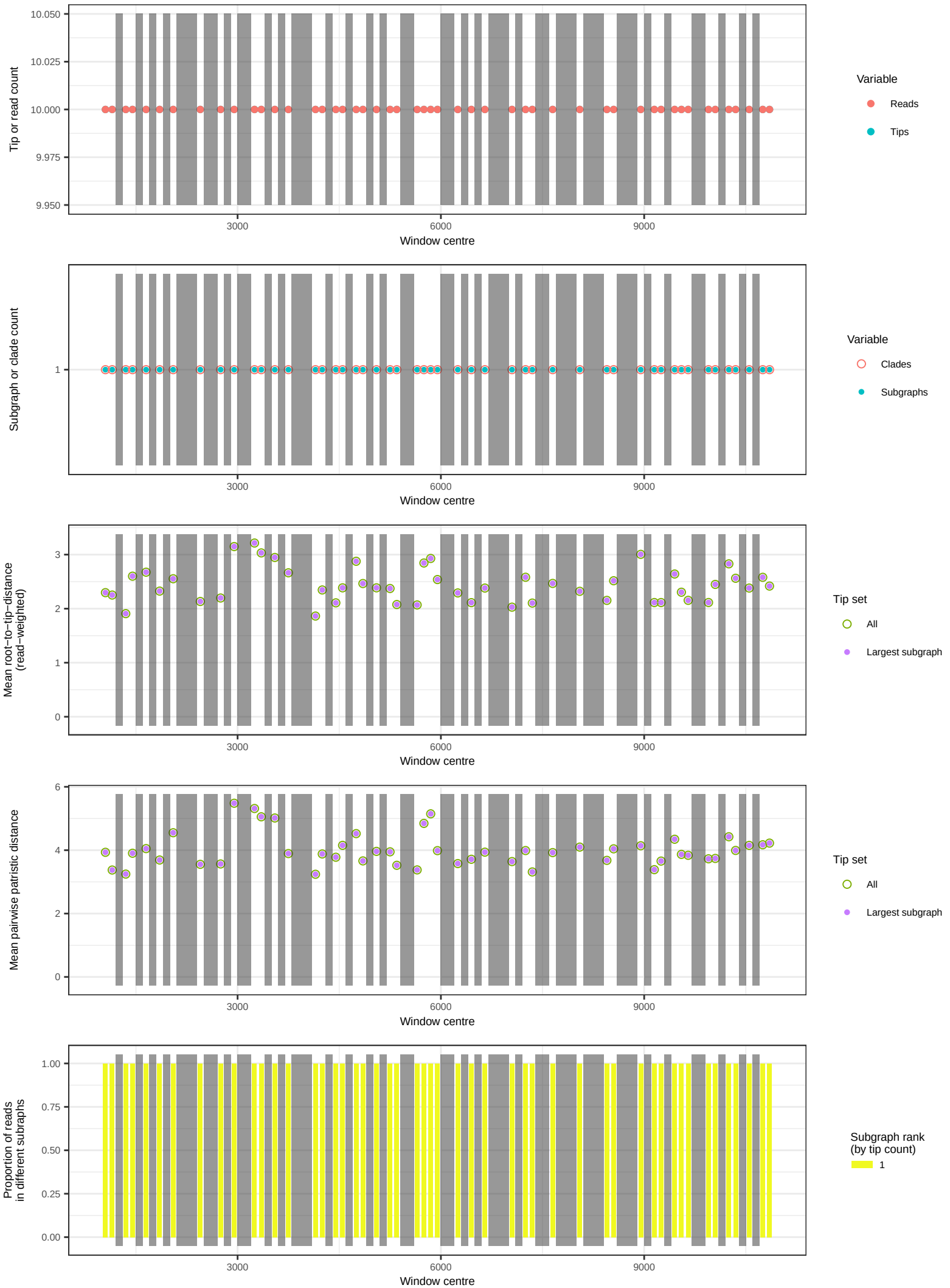
9000
Window centre
Subgraph rank (by tip count)
2
1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Window centre
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Reads
Tips
Subgraph or clade count
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3000
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9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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2
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Window centre
Tip set
All
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)
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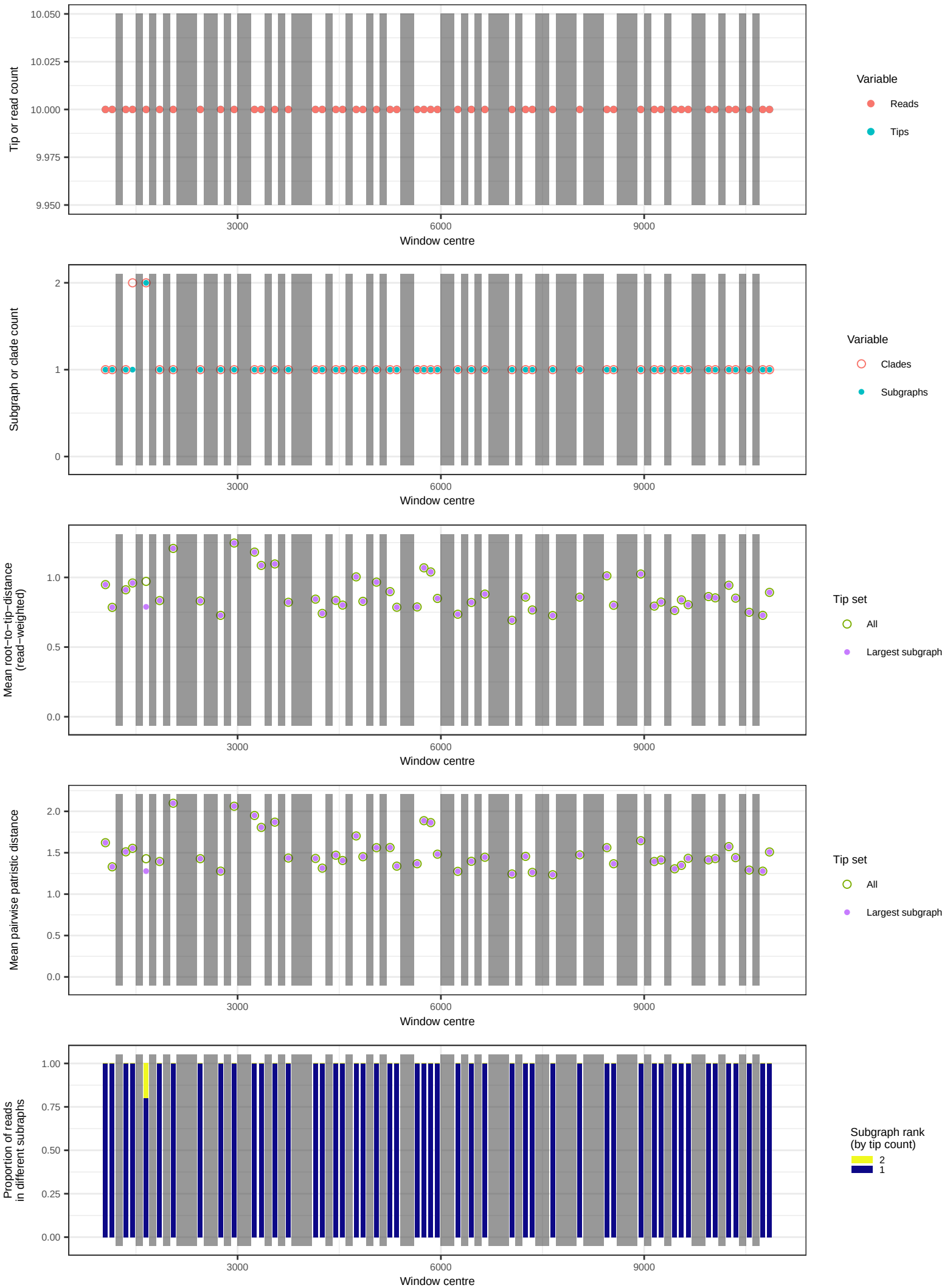
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Tips
Subgraph or clade count
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Window centre
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Subgraphs
Mean root−to−tip−distance (read−weighted)
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Window centre
Tip set
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Largest subgraph
Mean pairwise patristic distance
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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)
2
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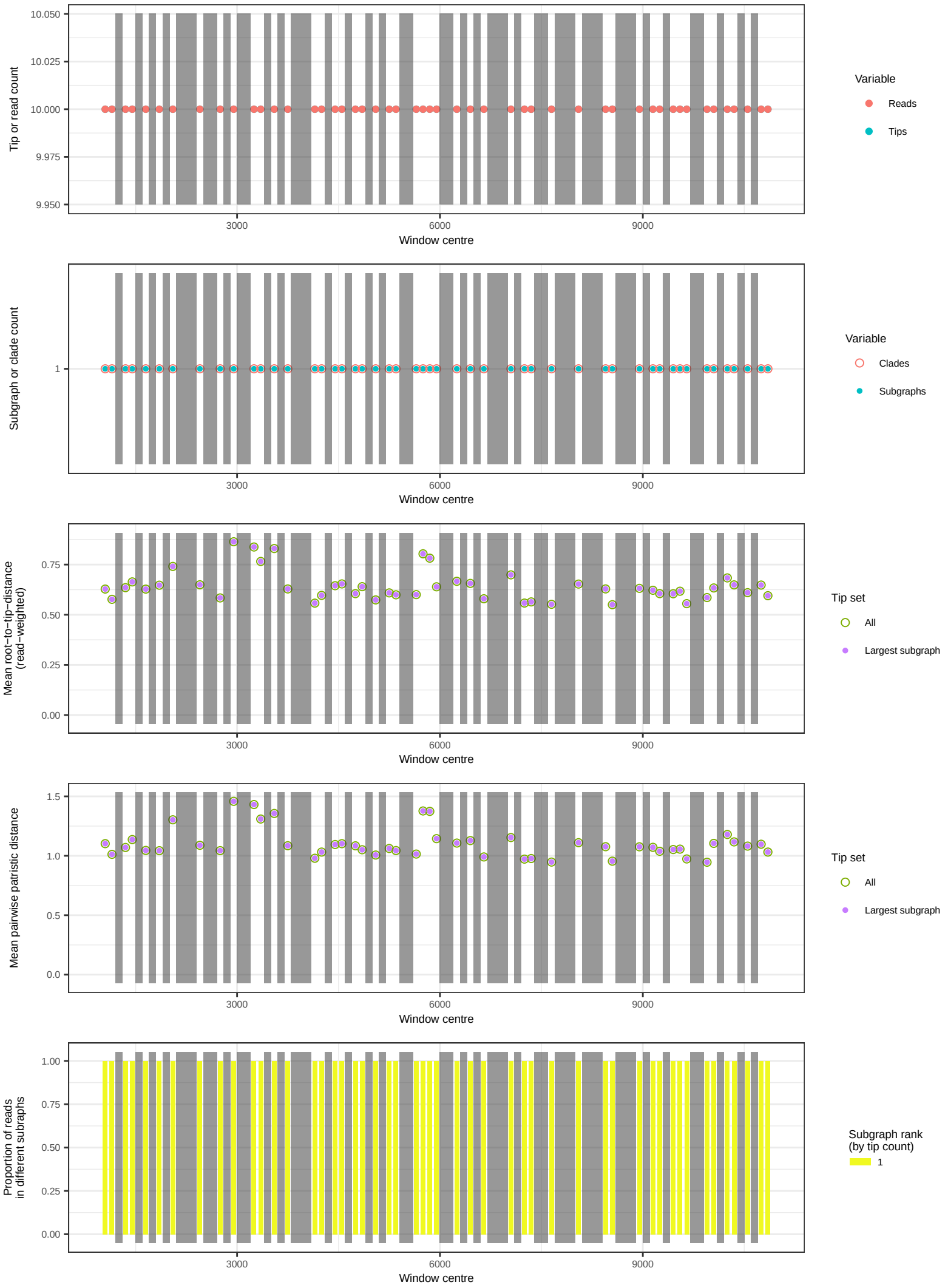
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Window centre
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Tips
Subgraph or clade count
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Window centre
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Subgraphs
Mean root−to−tip−distance (read−weighted)
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Window centre
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Largest subgraph
Mean pairwise patristic distance
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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)
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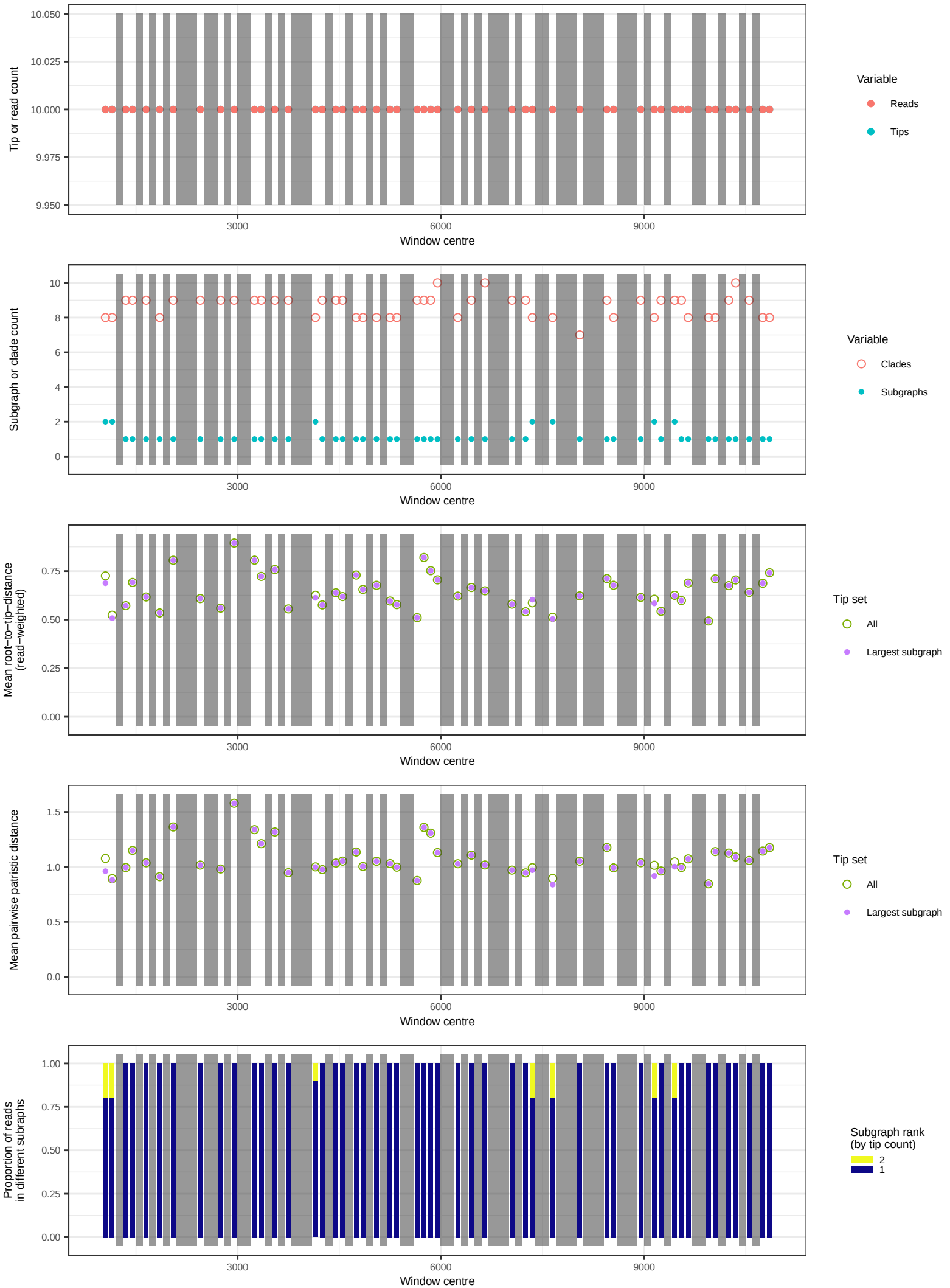
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Window centre
Variable
Reads
Tips
Subgraph or clade count
10
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.75
0.50
0.25
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6000
9000
Window 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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9000
Window centre
Subgraph rank (by tip count)
2
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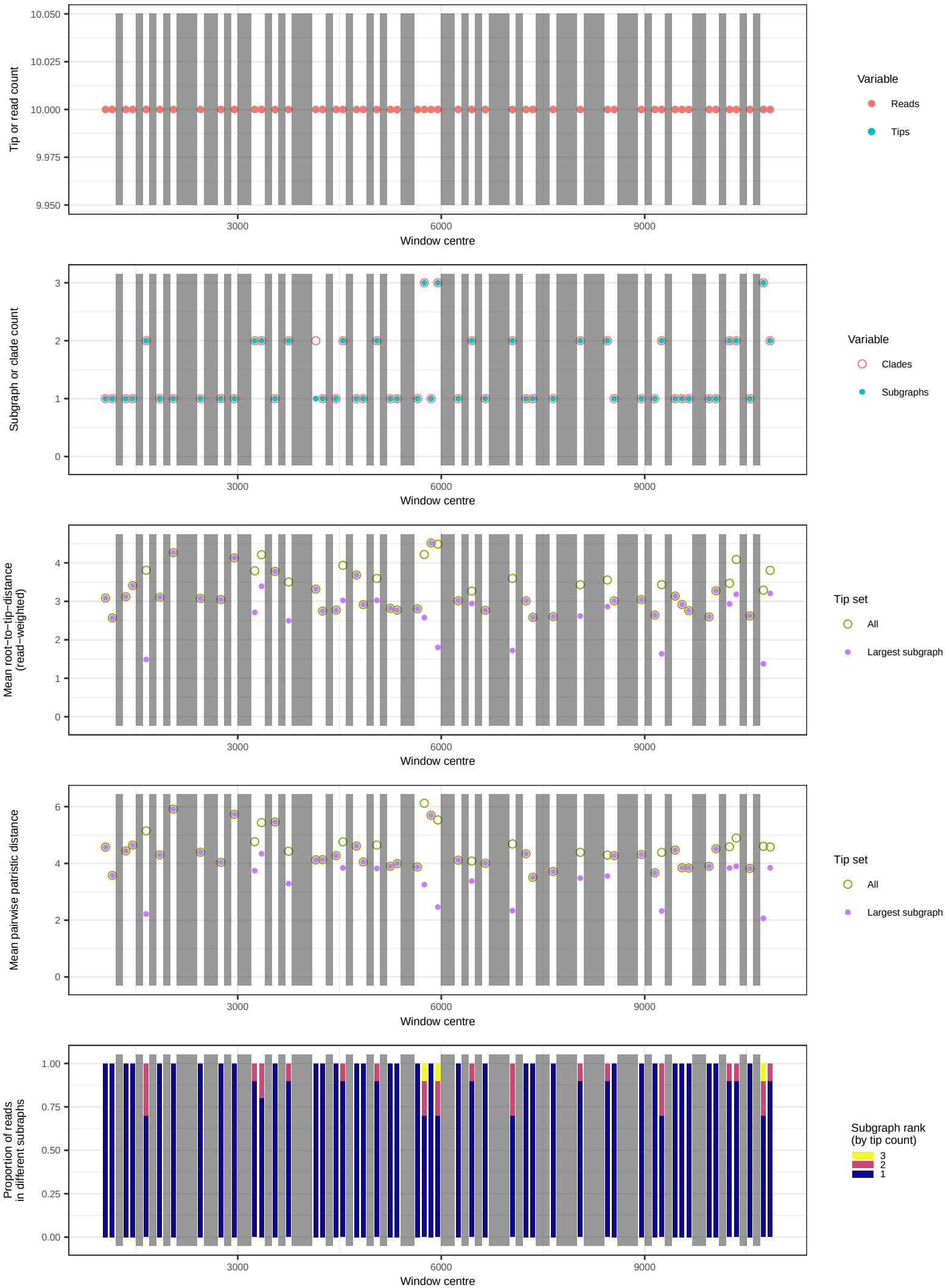
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Tips
Subgraph or clade count
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
2
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Window centre
Tip set
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Largest subgraph
Mean pairwise patristic distance
6
4
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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)
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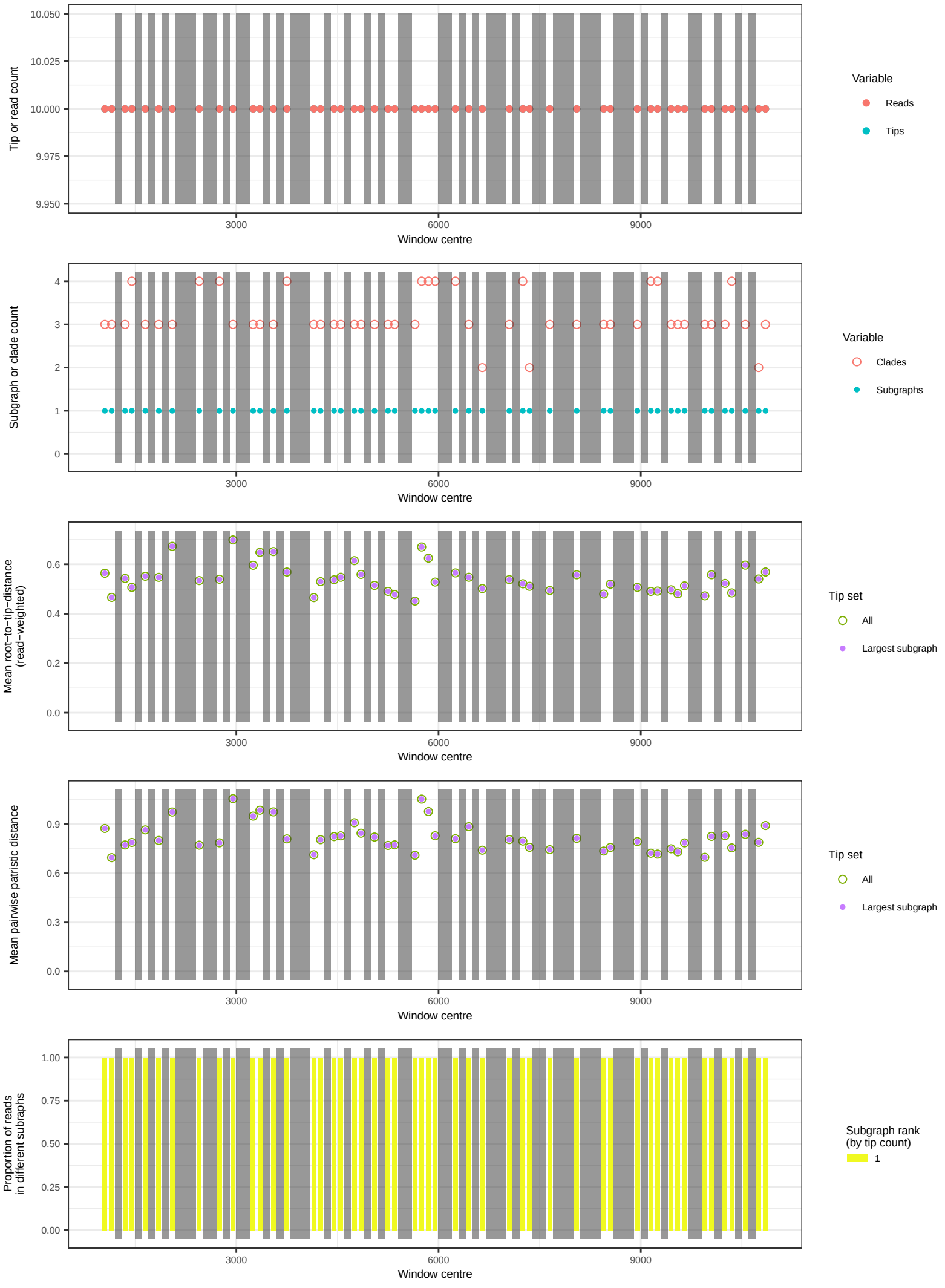
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Variable
Reads
Tips
Subgraph or clade count
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3
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6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
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0.6
0.3
0.0
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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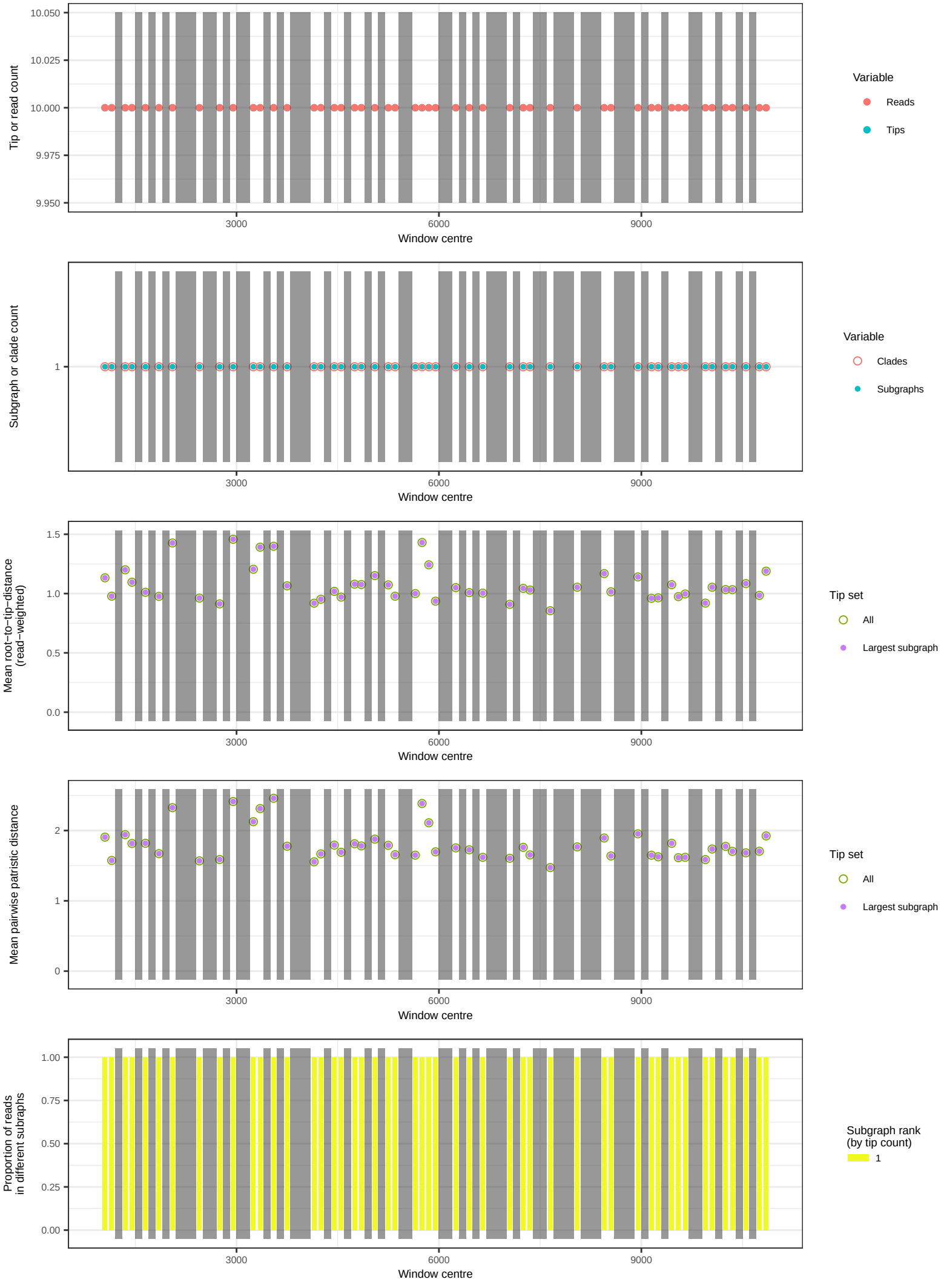
6000
9000
Window centre
Subgraph rank (by tip count)
1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Window centre
Variable
Reads
Tips
Subgraph or clade count
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3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
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9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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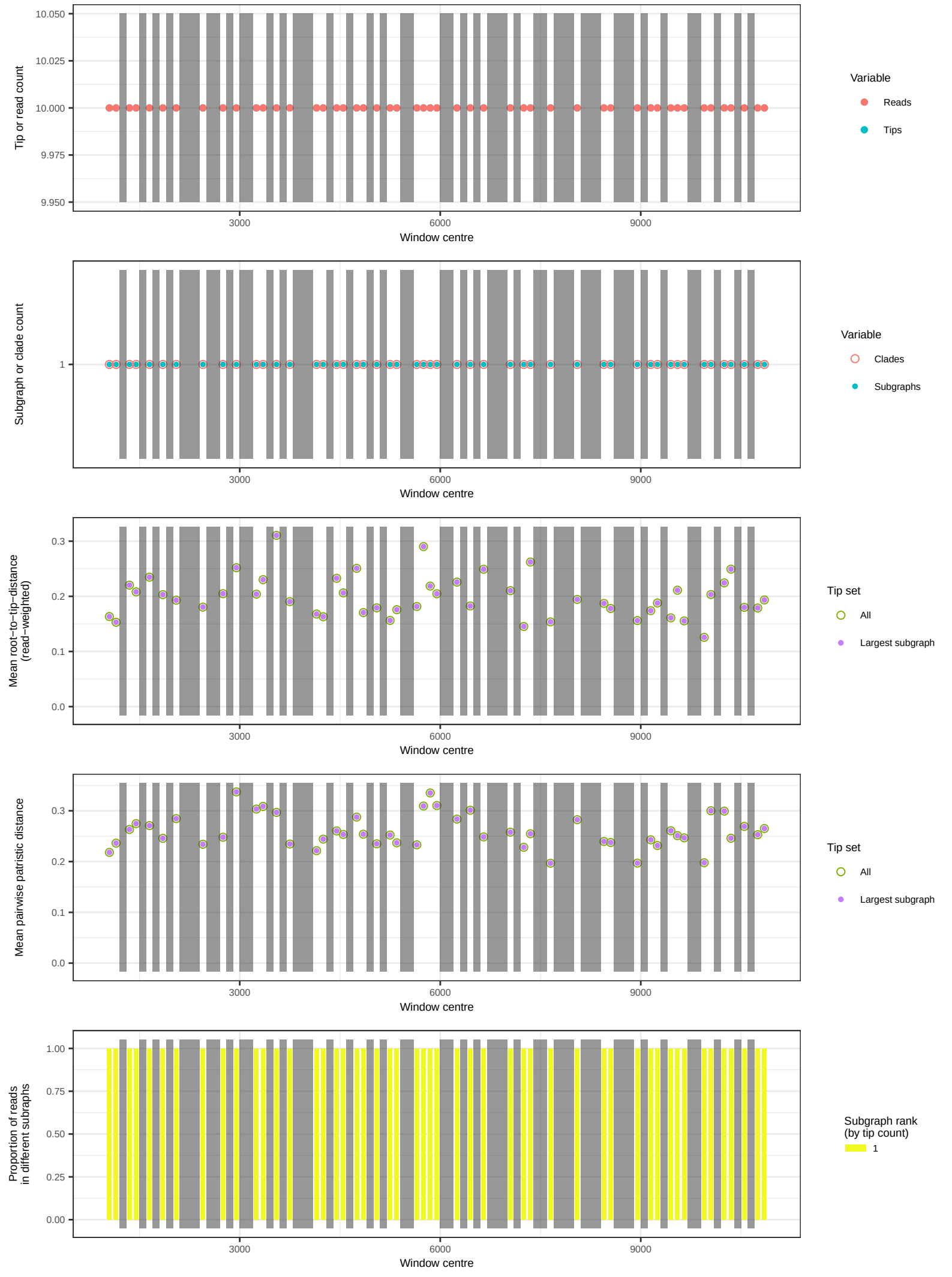
Window centre
Subgraph rank (by tip count)
1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Reads
Tips
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.3
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Window centre
Tip set
All
Largest subgraph
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Subgraph rank (by tip count)
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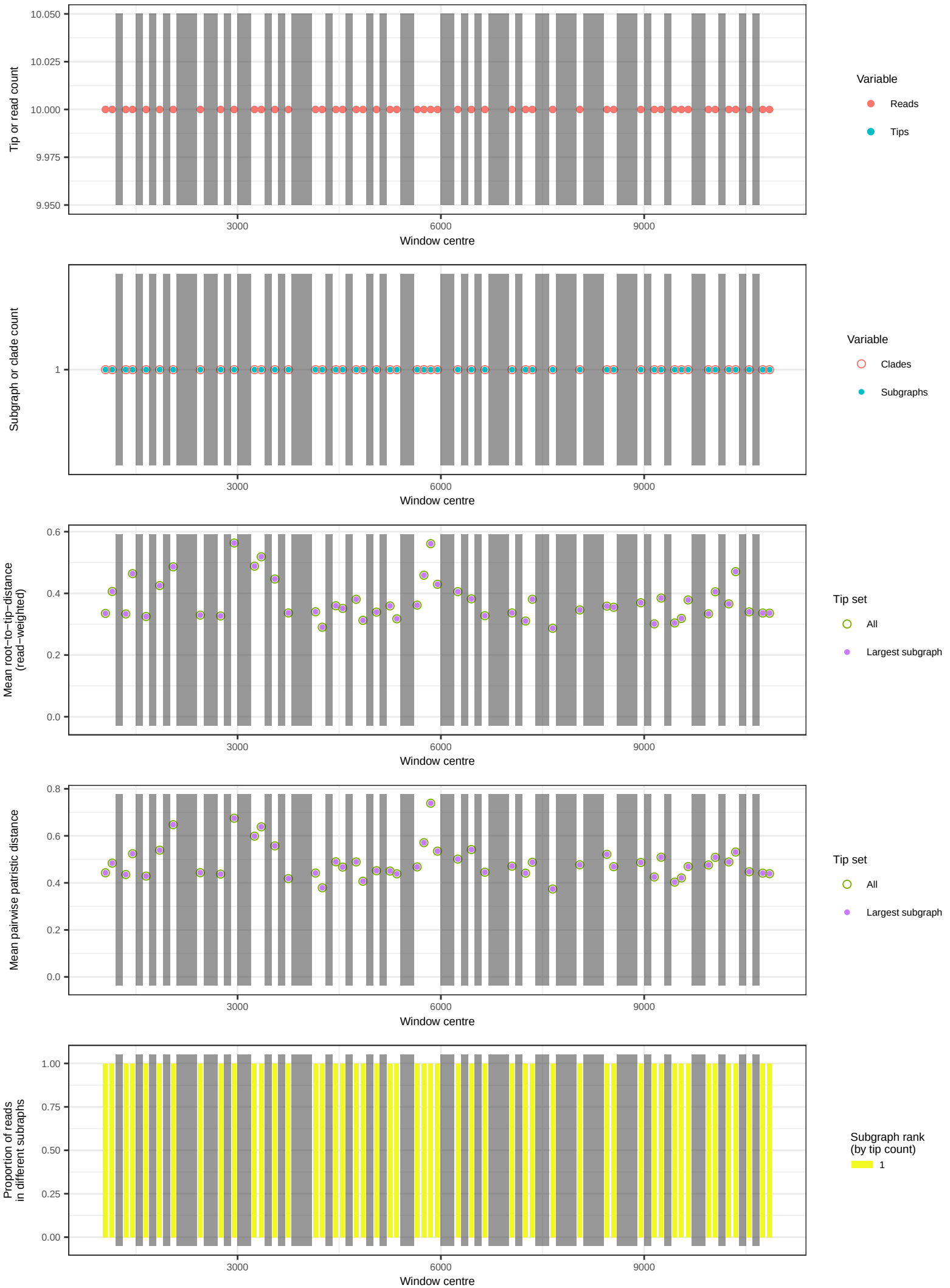
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Tips
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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Window centre
Tip set
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Largest subgraph
Mean pairwise patristic distance
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Window centre
Tip set
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Largest subgraph
Proportion of reads in different subraphs
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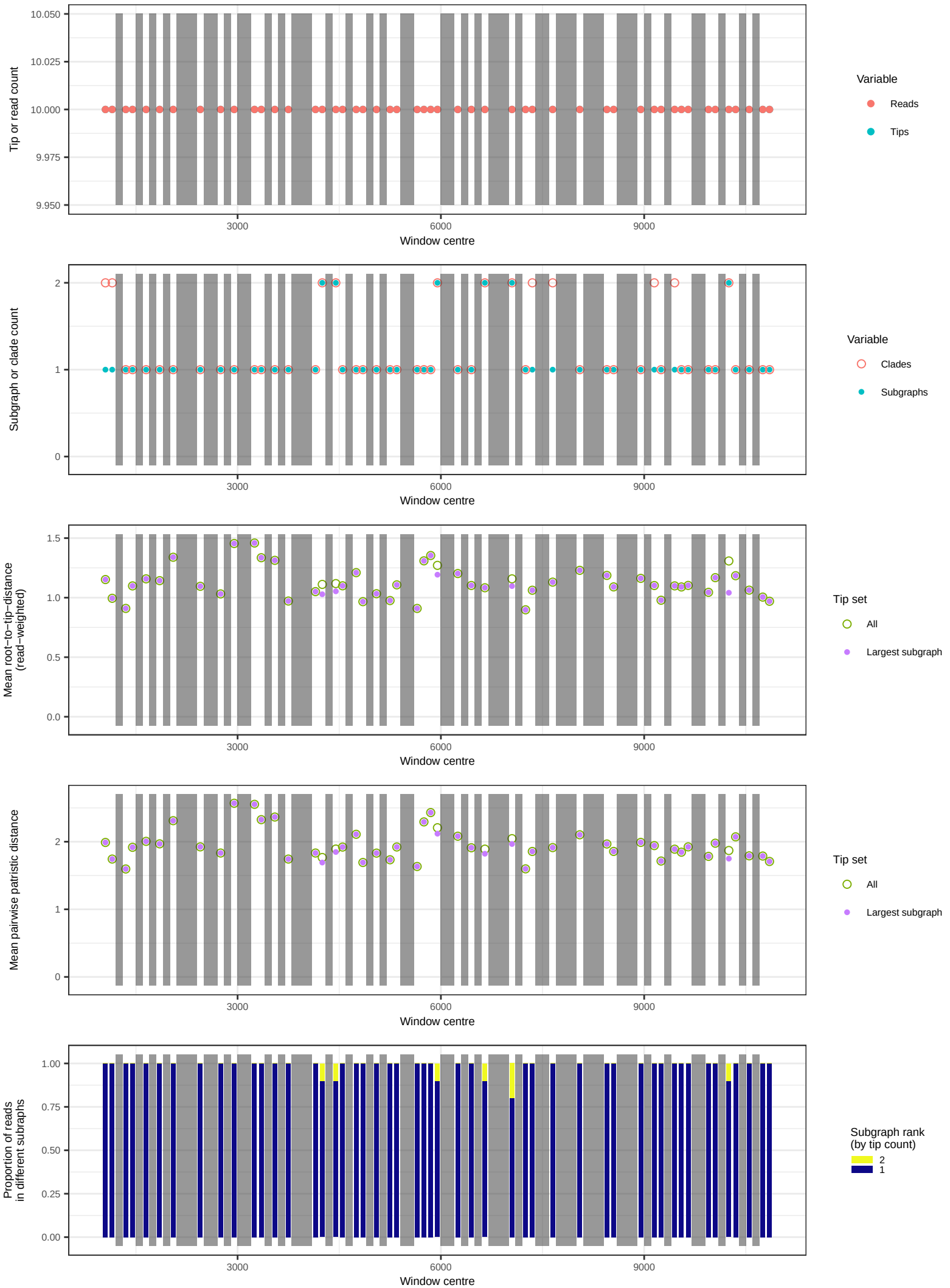
Window centre
Subgraph rank (by tip count)
1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Tips
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Window centre
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Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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Window centre
Tip set
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Largest subgraph
Mean pairwise patristic distance
2
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Largest subgraph
Proportion of reads in different subraphs
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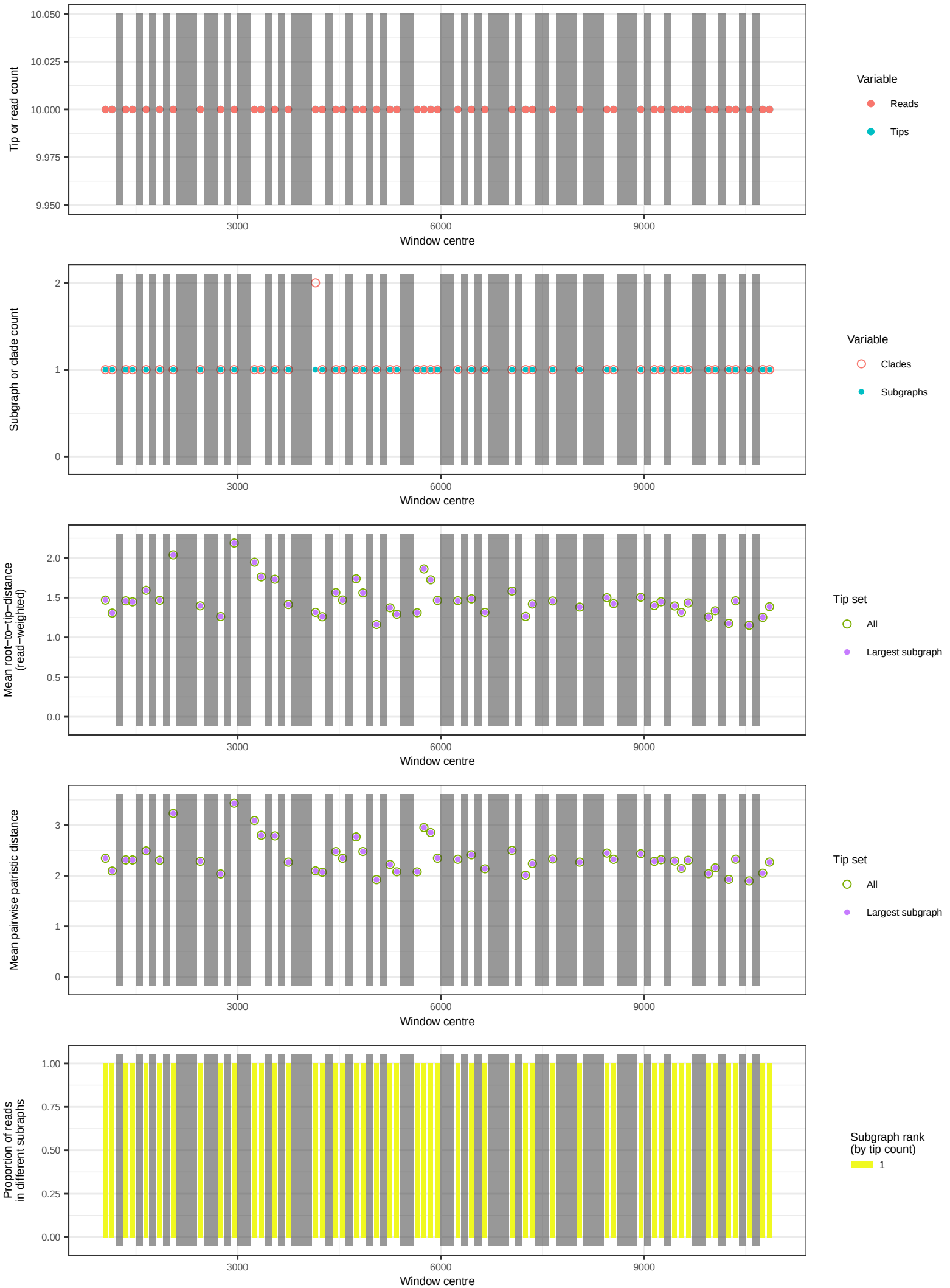
Window centre
Subgraph rank (by tip count)
2
1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Tips
Subgraph or clade count
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Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
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Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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0.75
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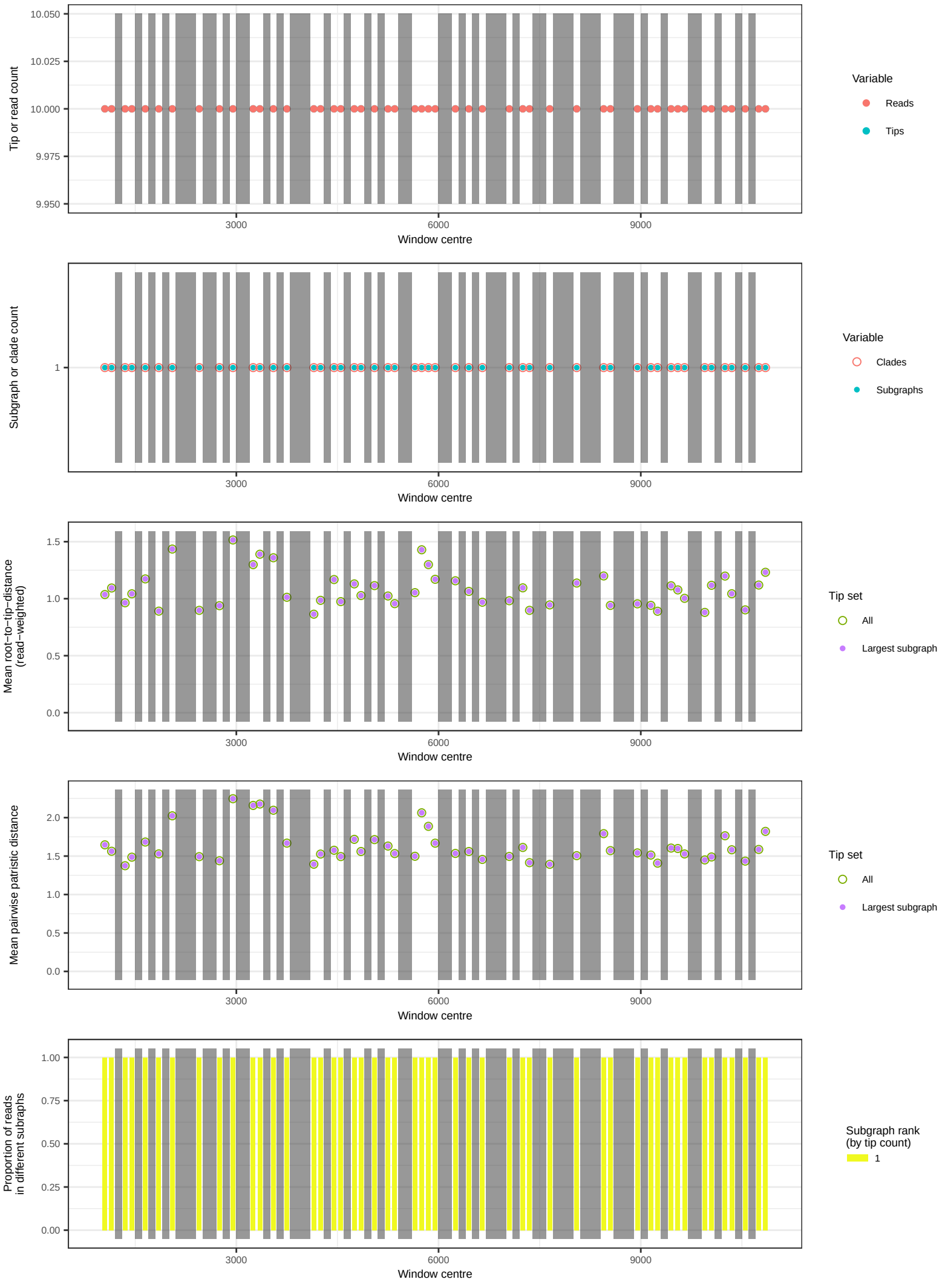
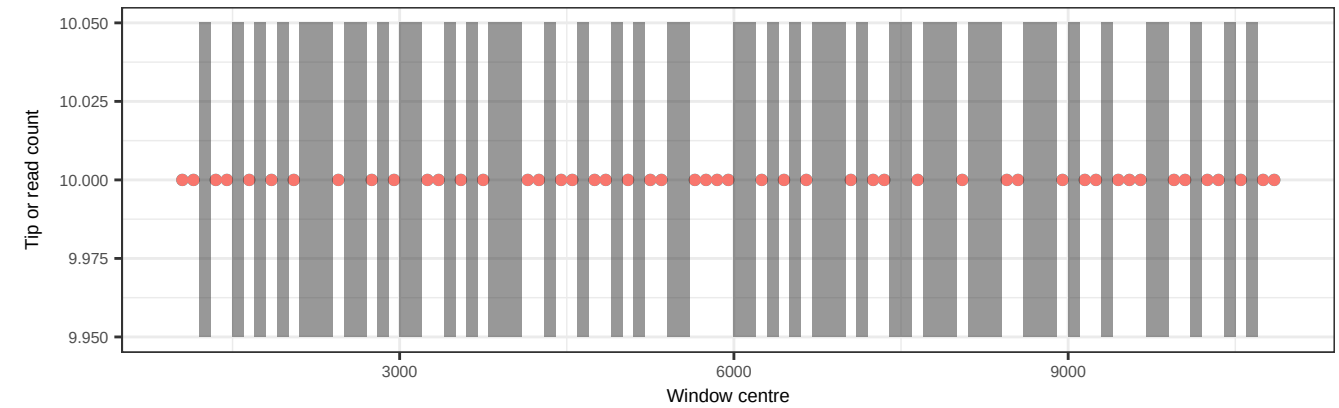
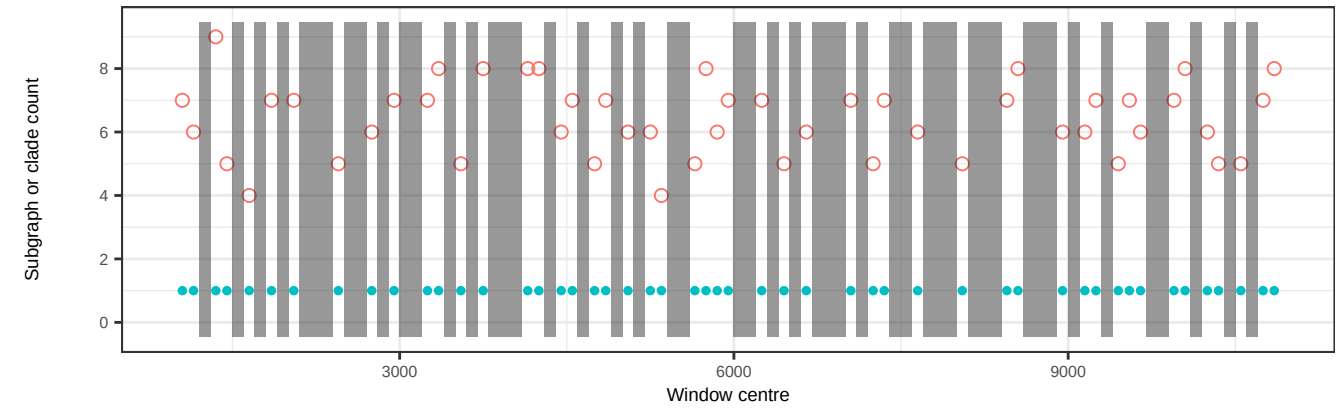
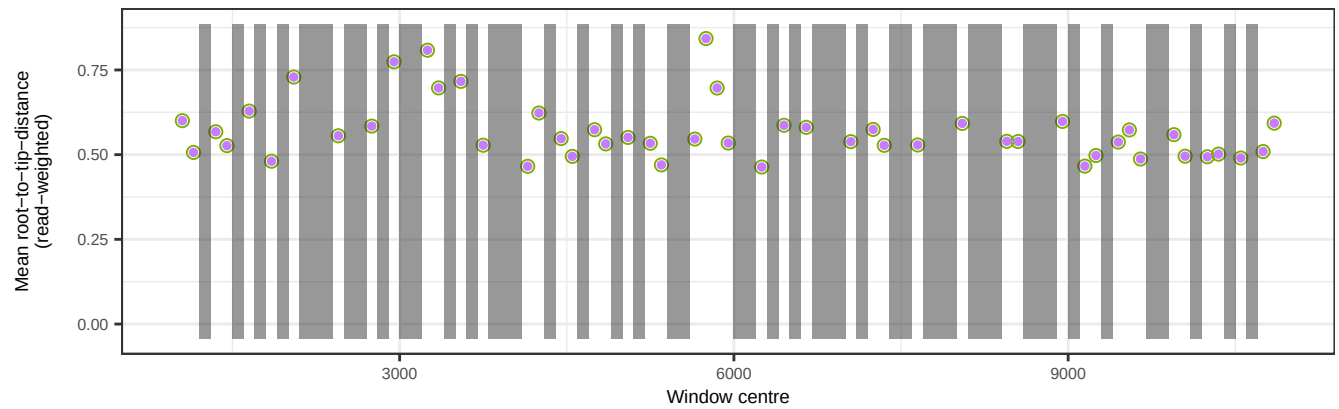
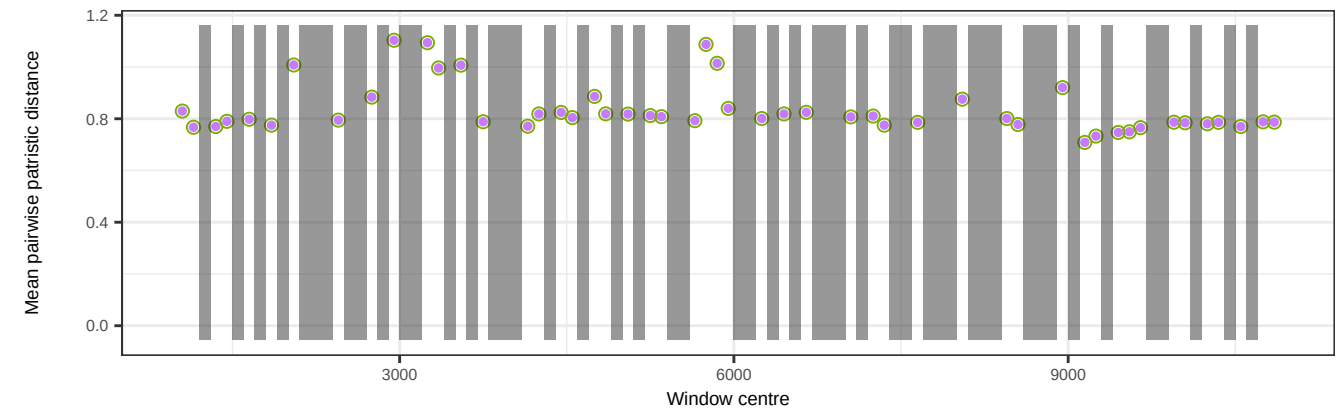
Window centre
Subgraph rank (by tip count)
1

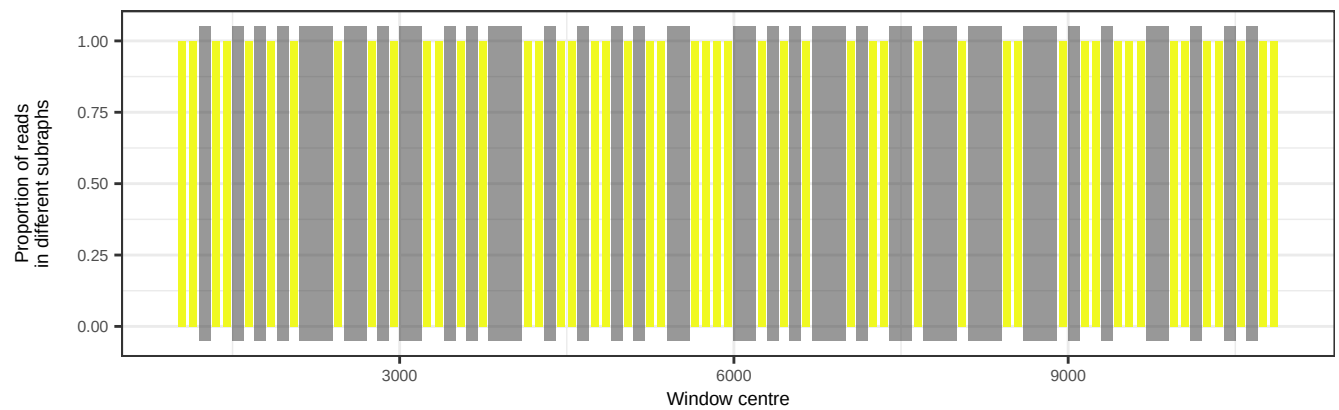

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean 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

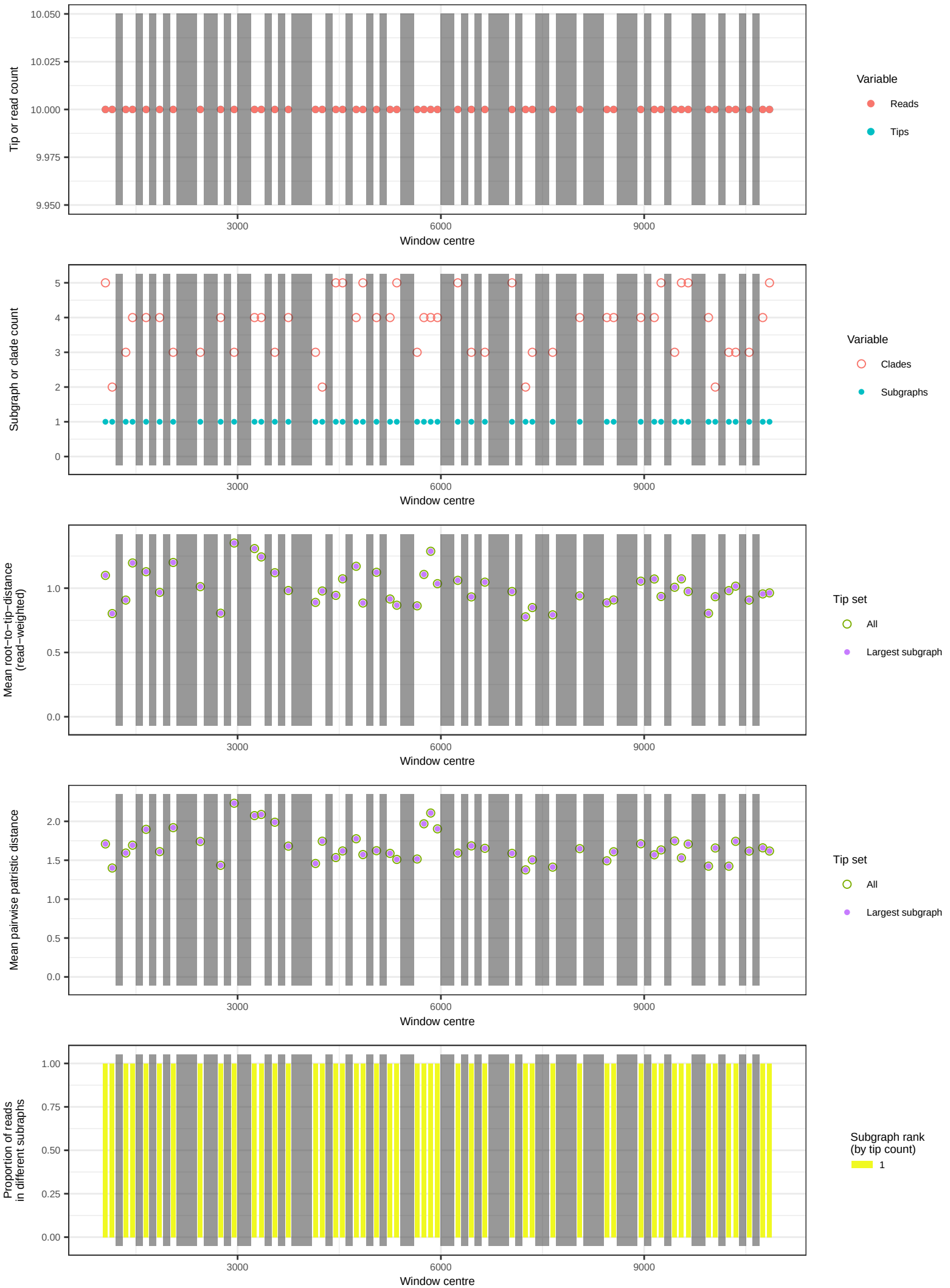

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

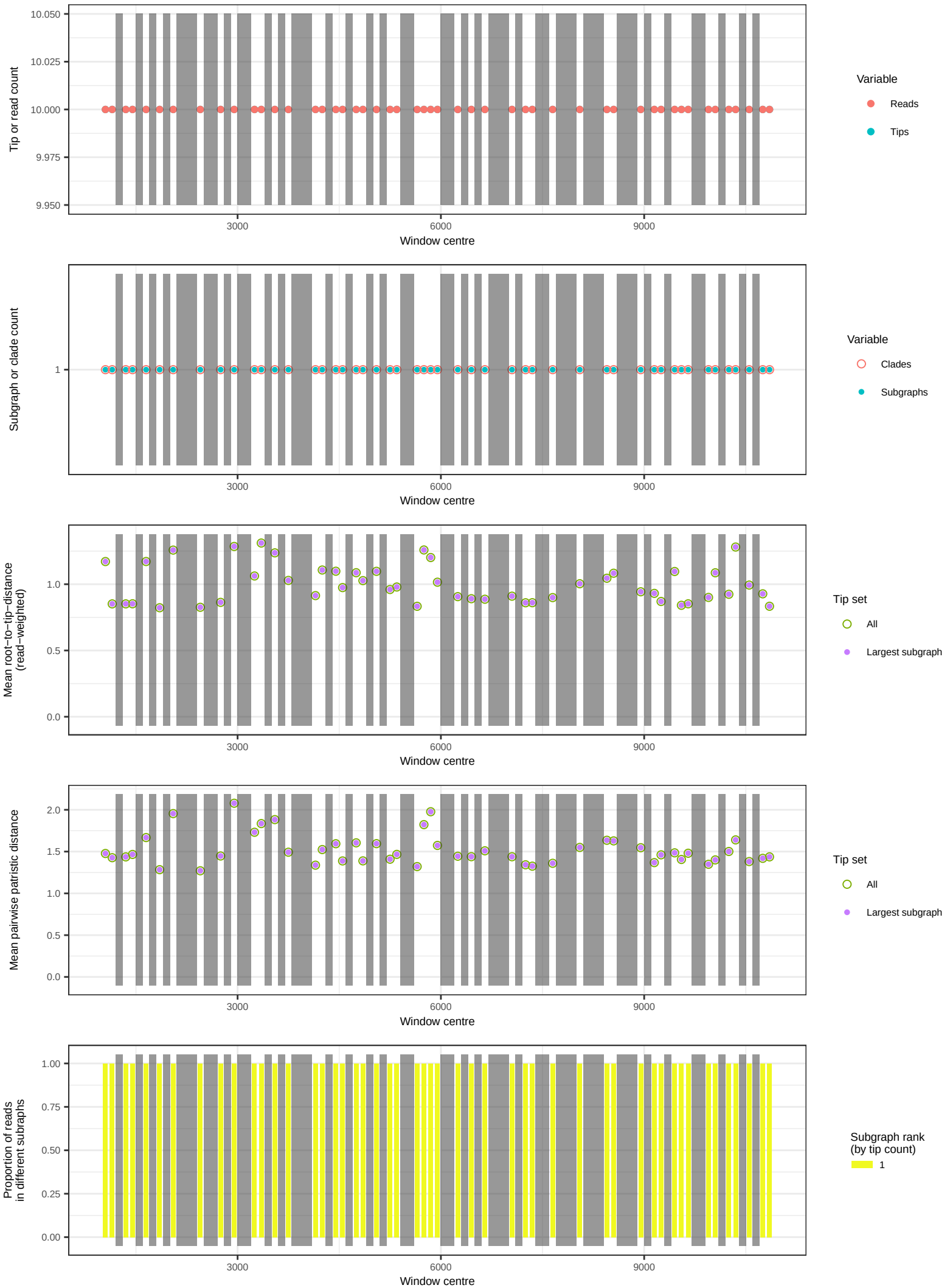

Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

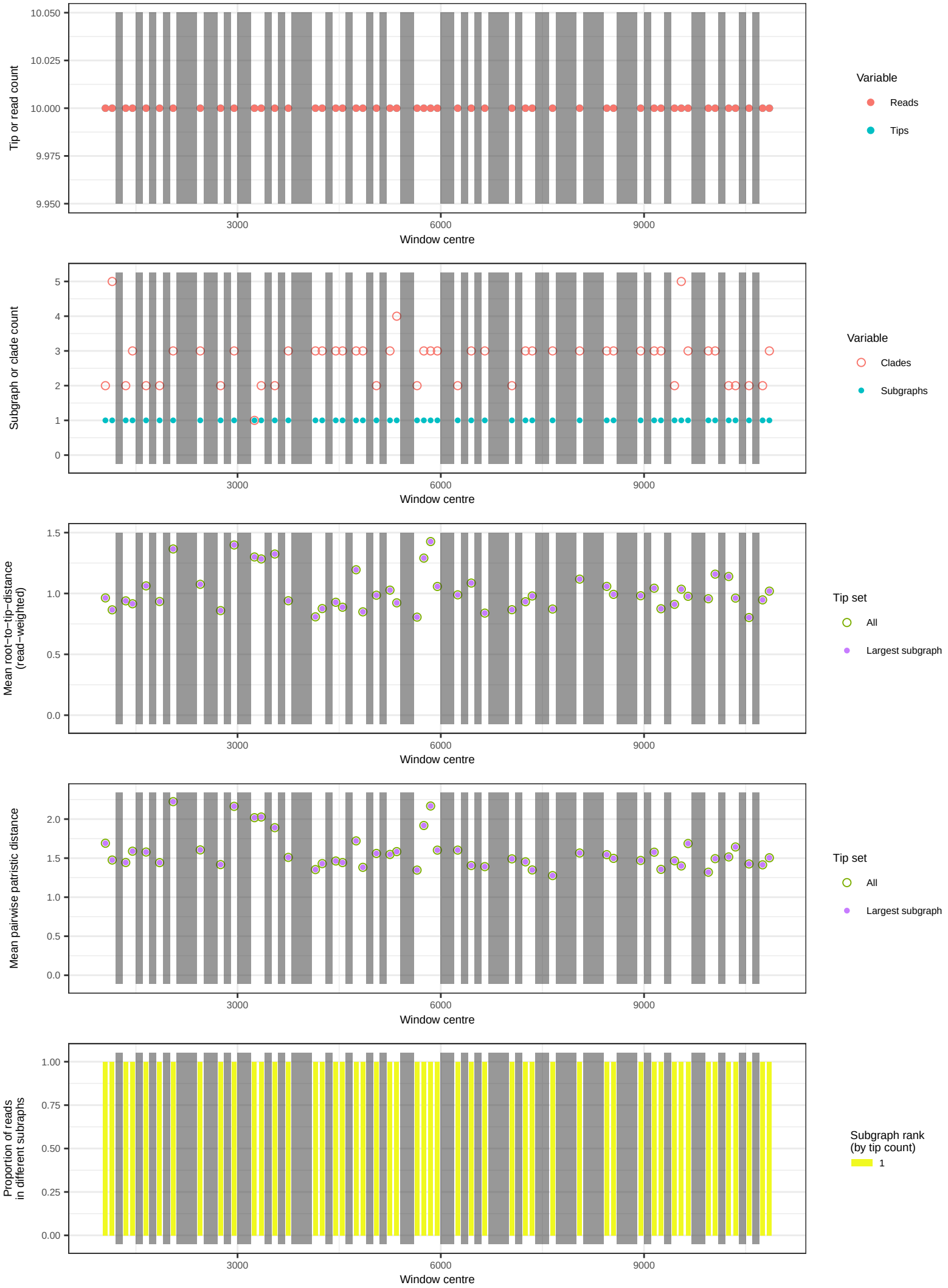

Mean root−to−tip−distance (read−weighted)
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

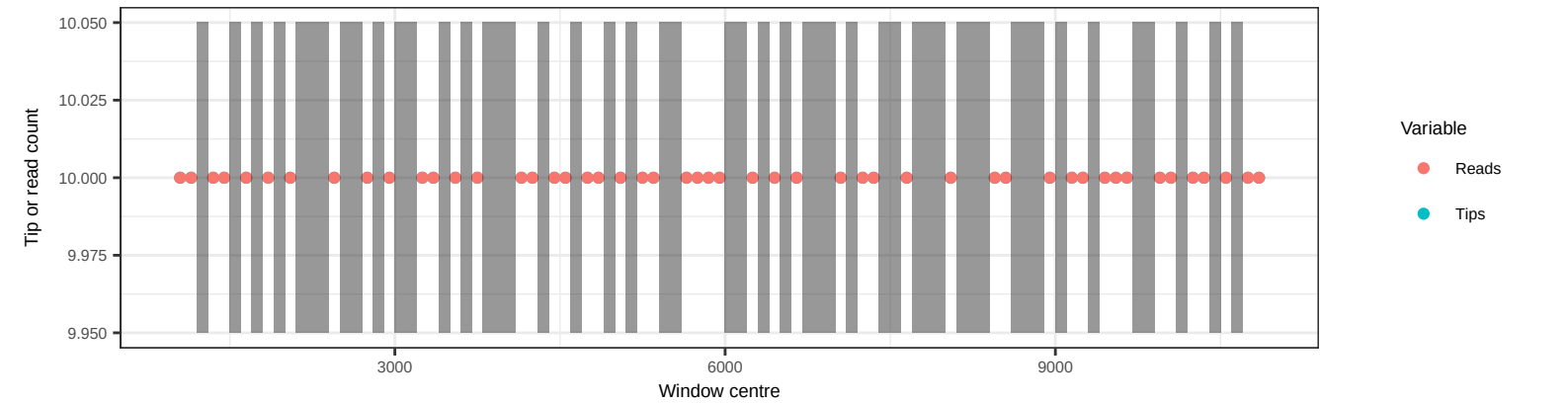

Mean pairwise patristic distance
1.2
0.8
0.4
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

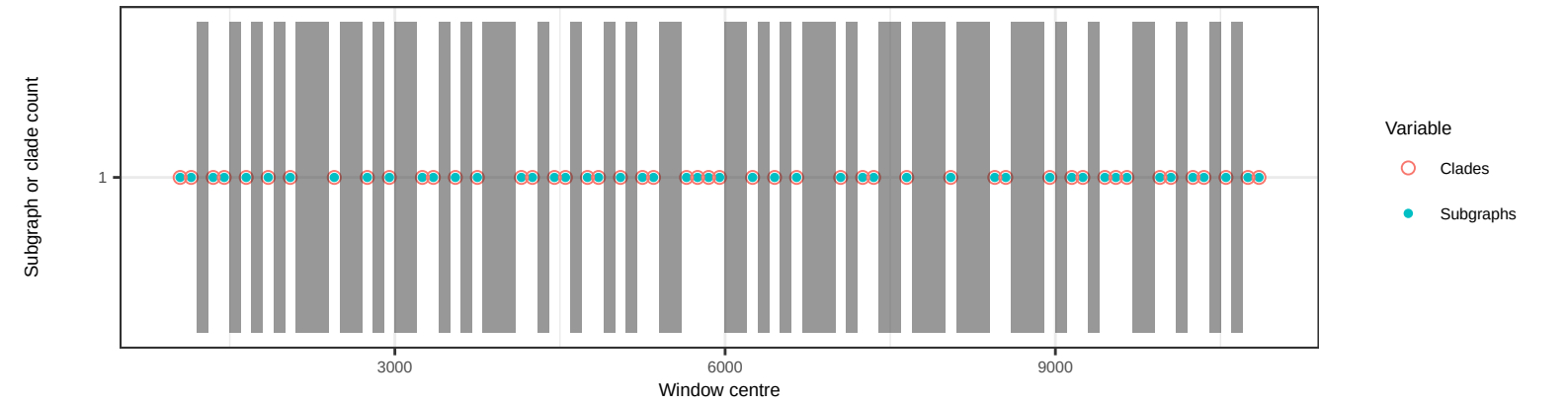

Proportion of reads in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

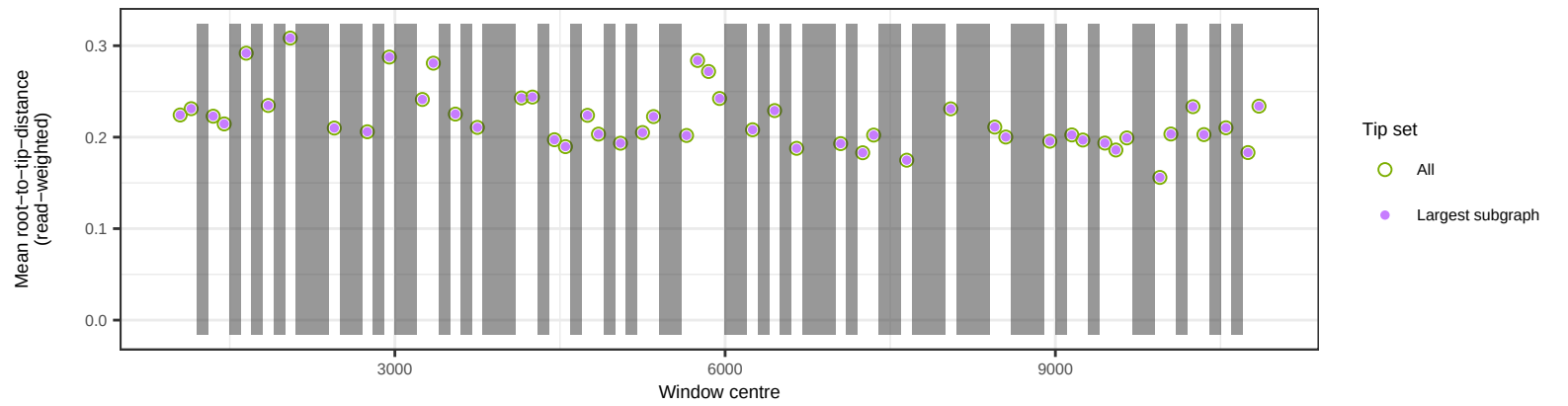

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
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

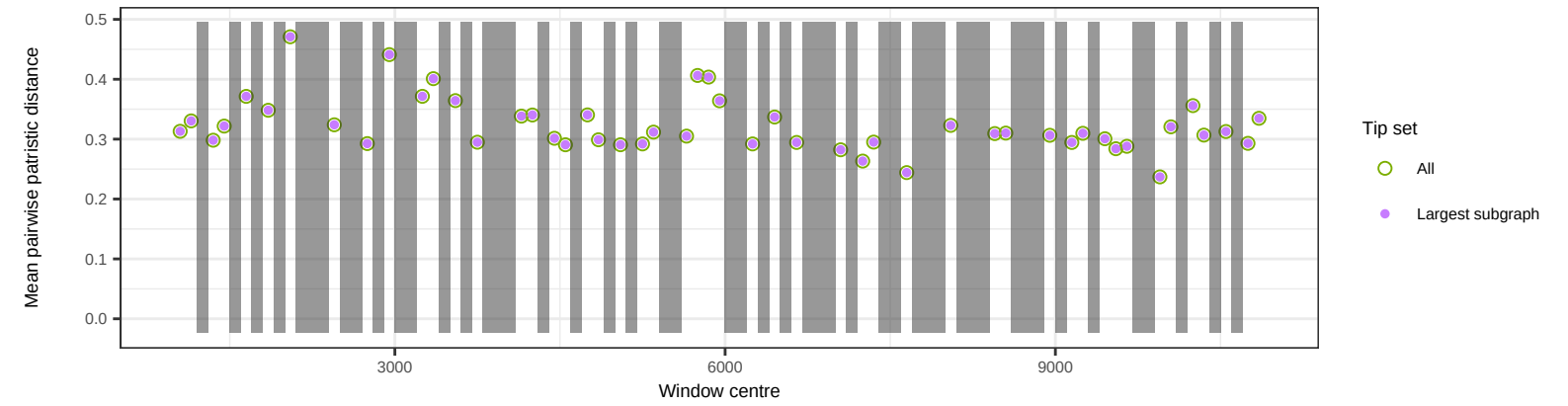

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise 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

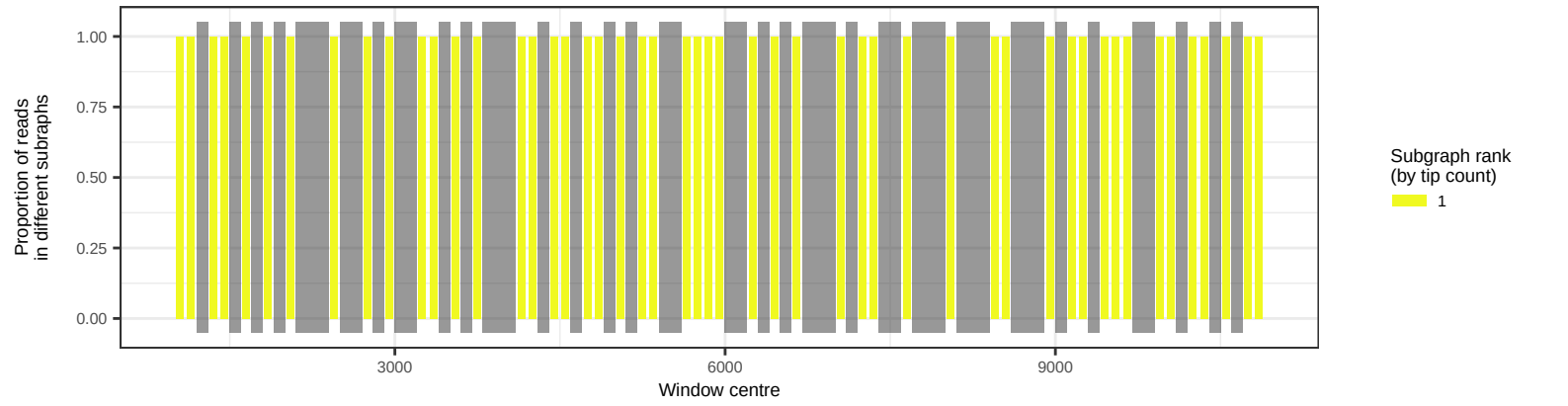

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
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

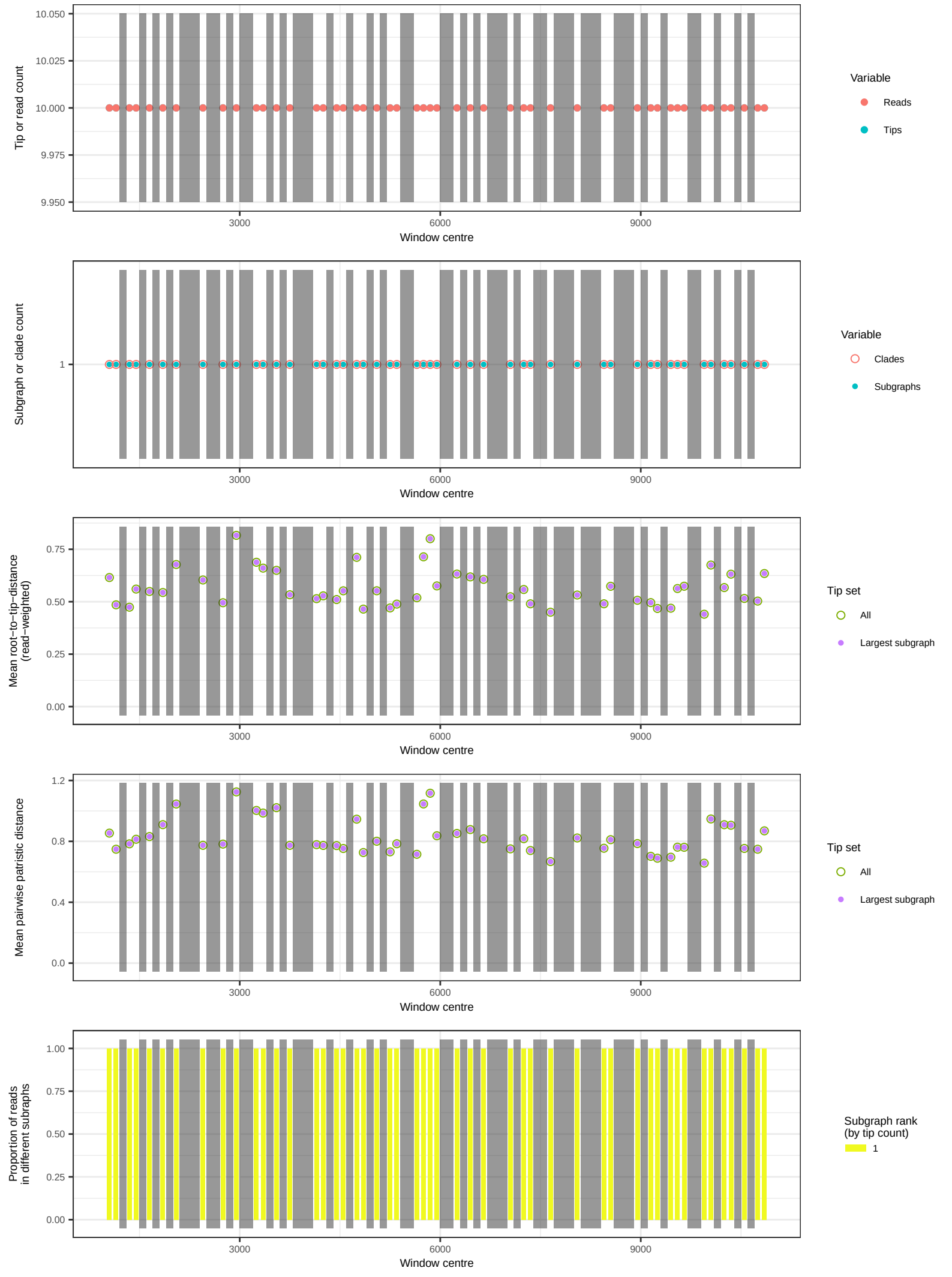

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

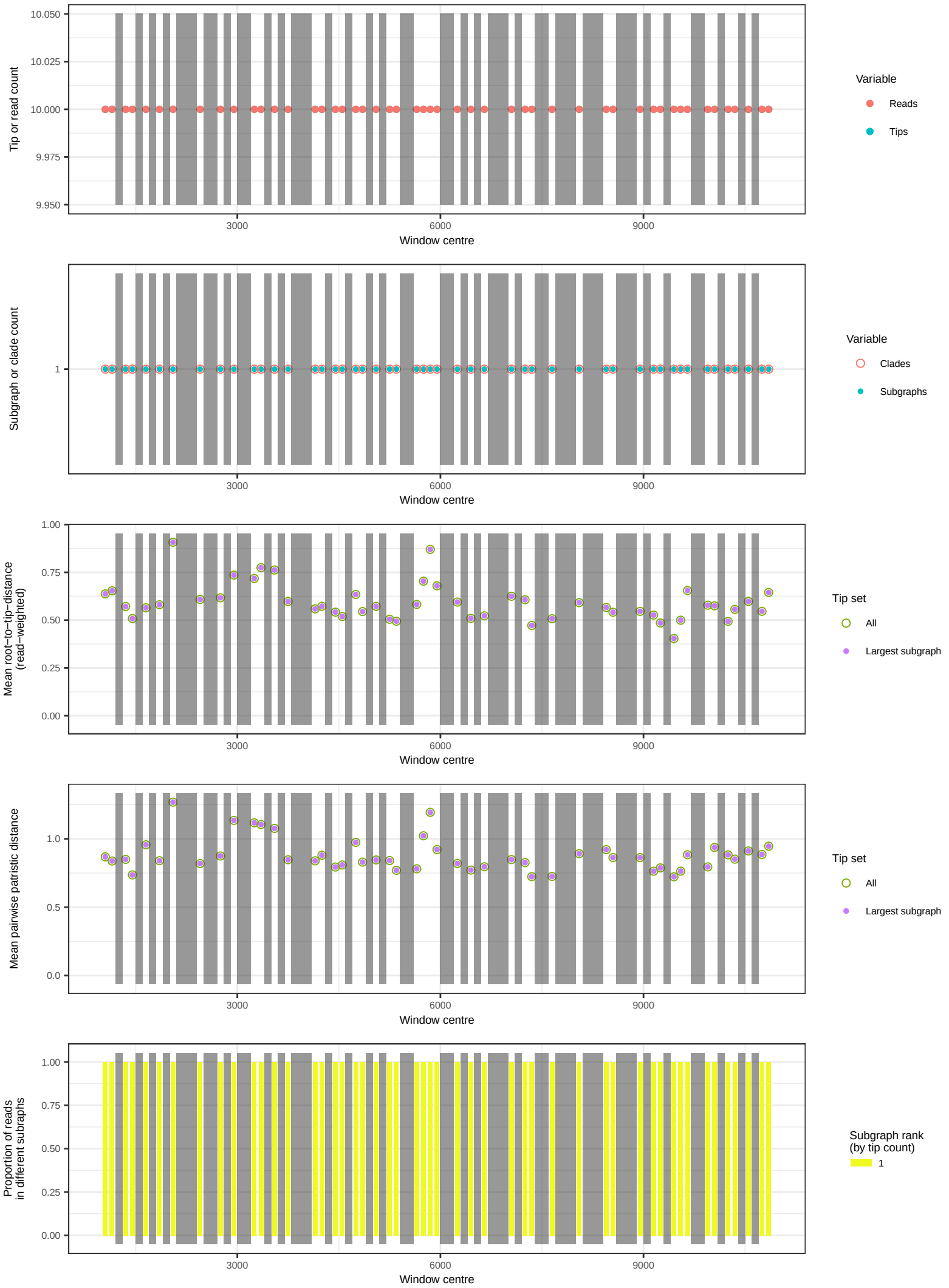

Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

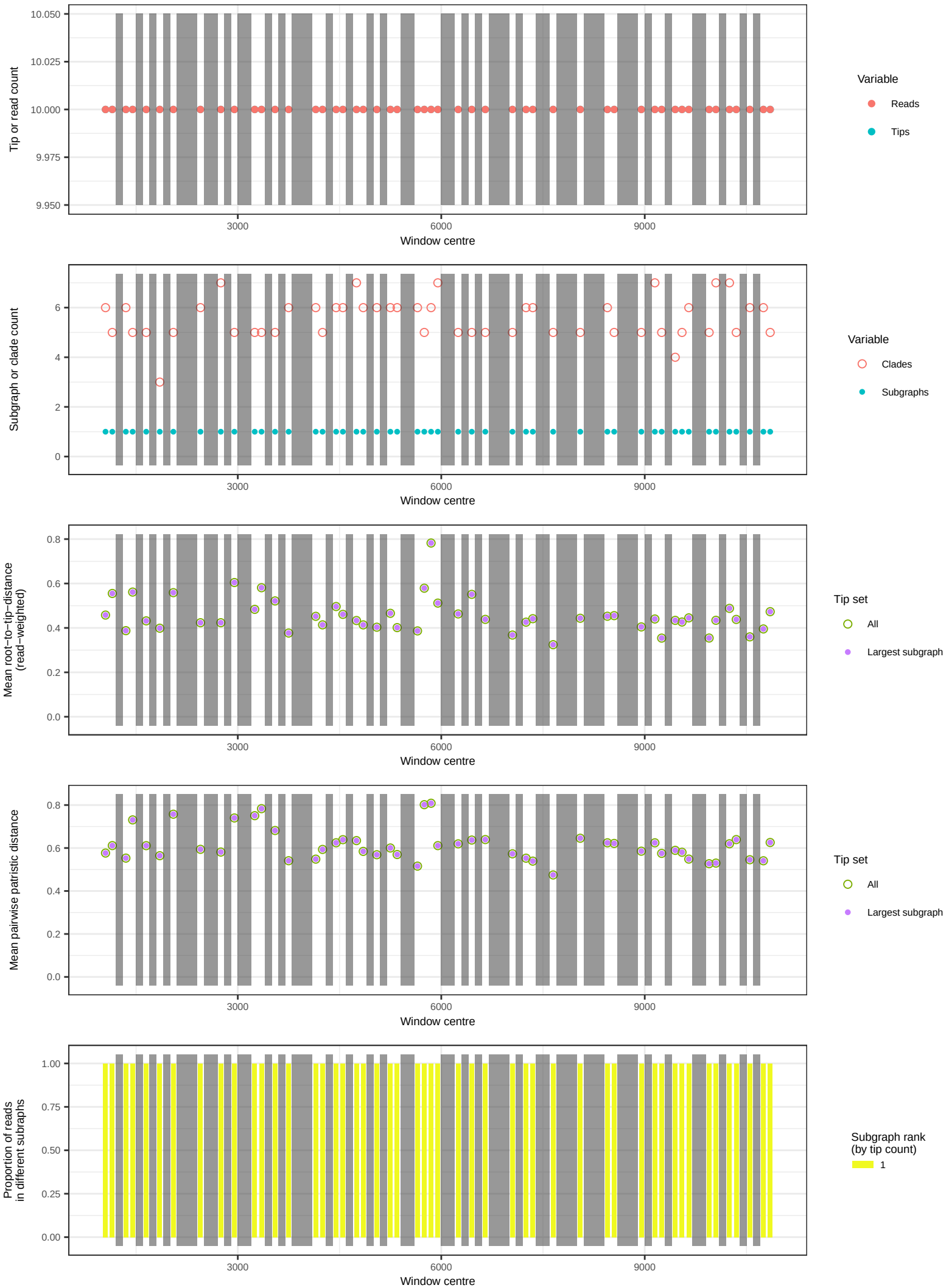

Mean root−to−tip−distance
(read−weighted)
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

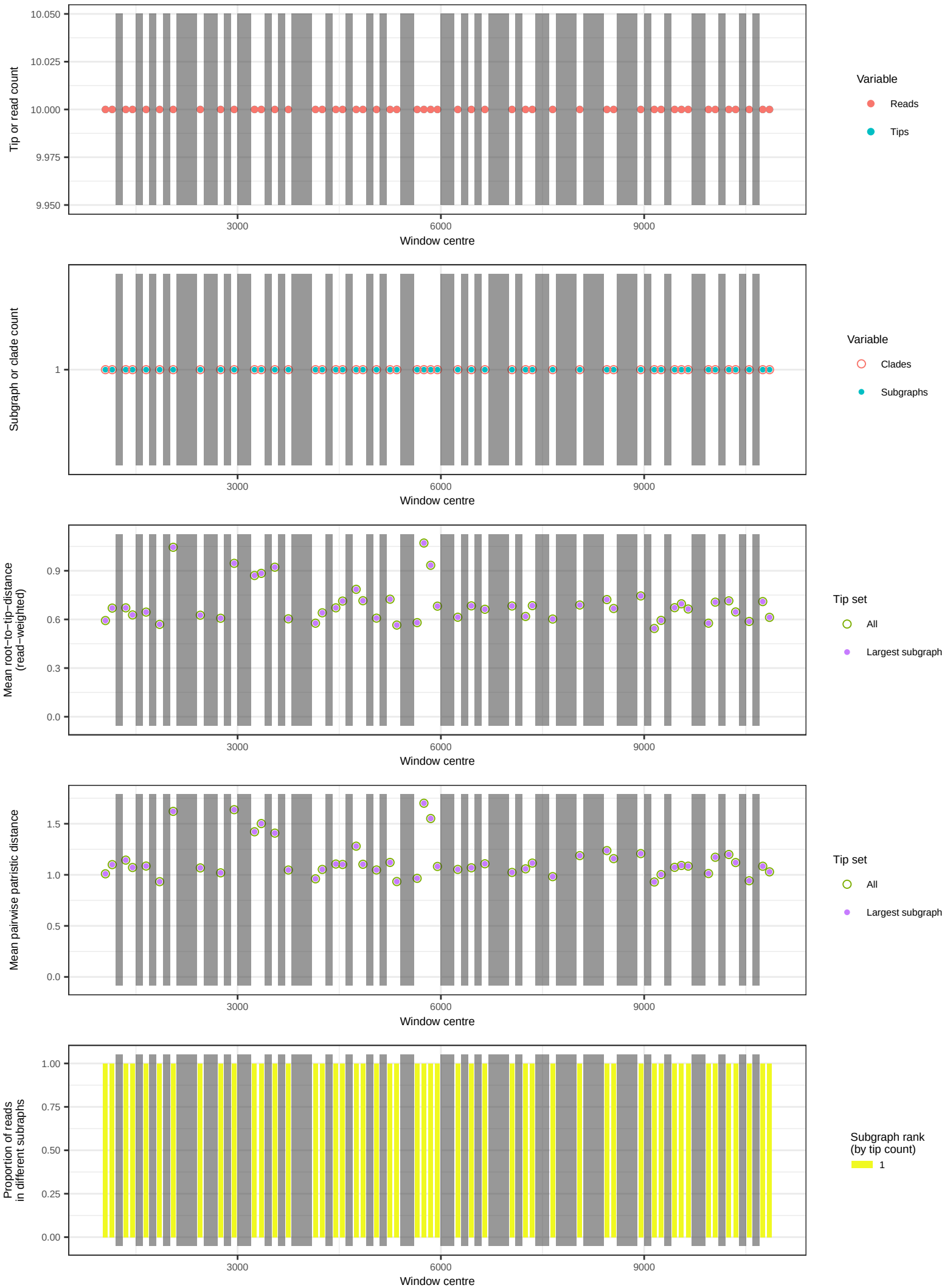

Mean pairwise patristic distance
0.5
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

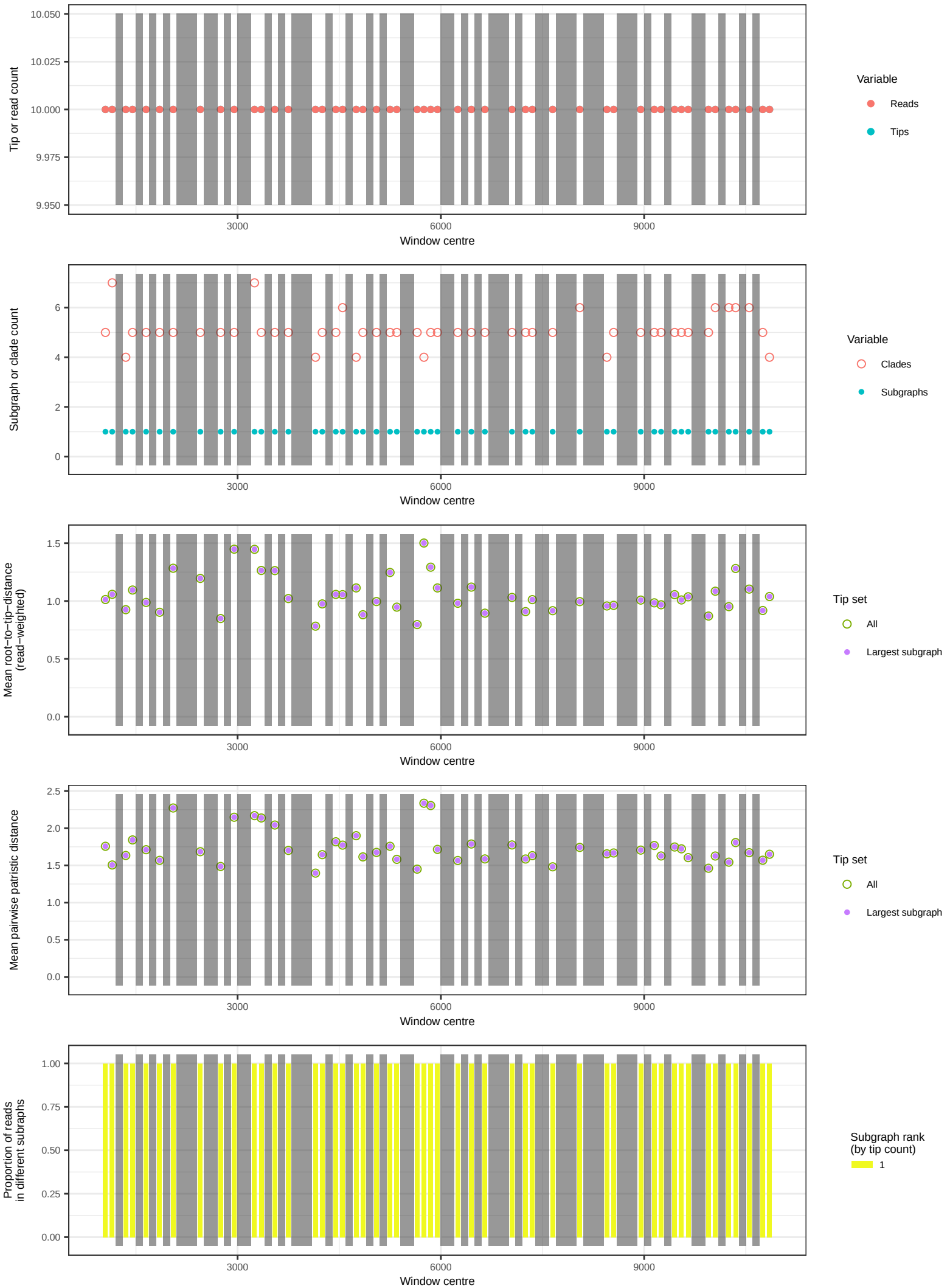

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

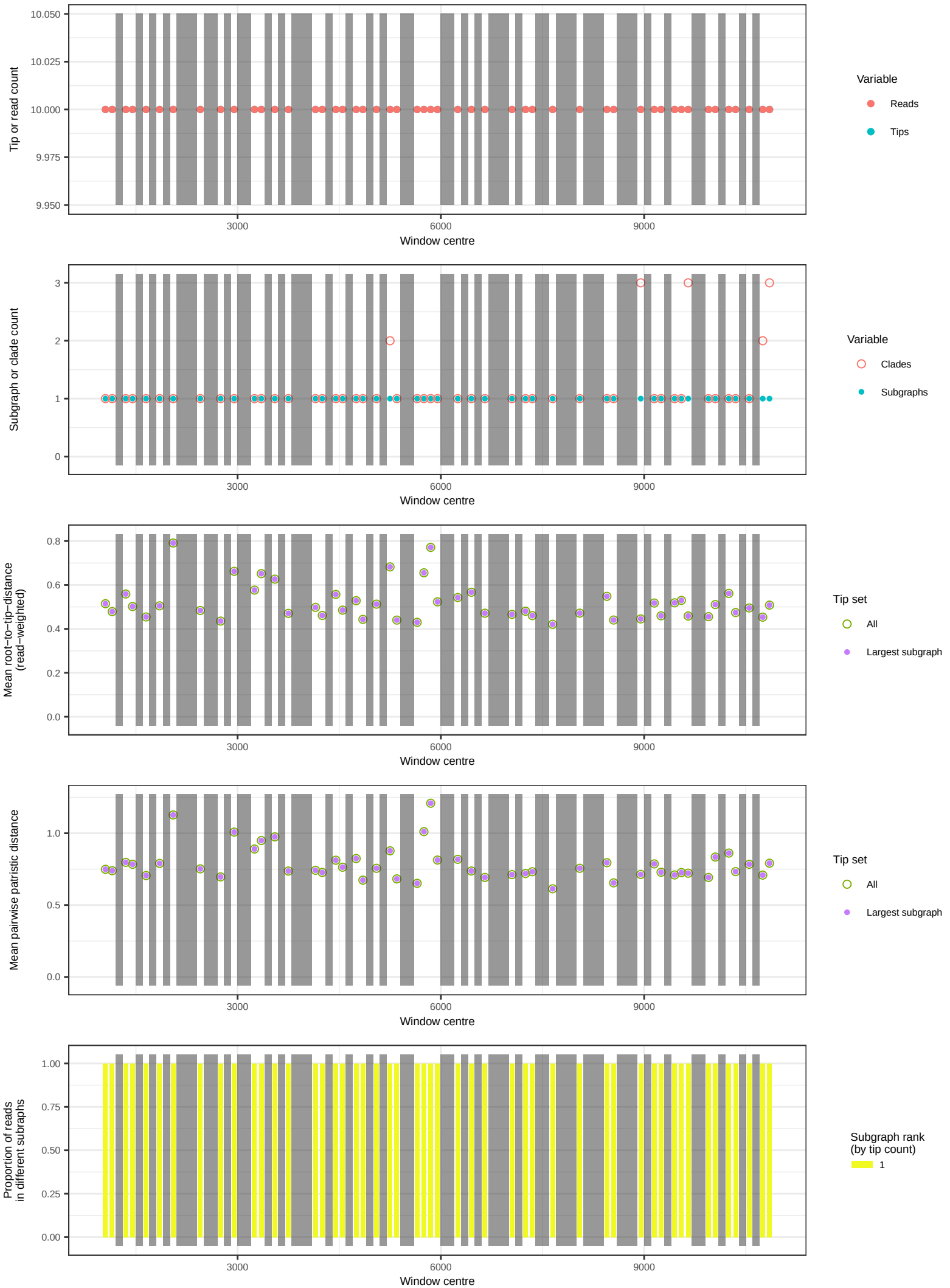

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
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
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

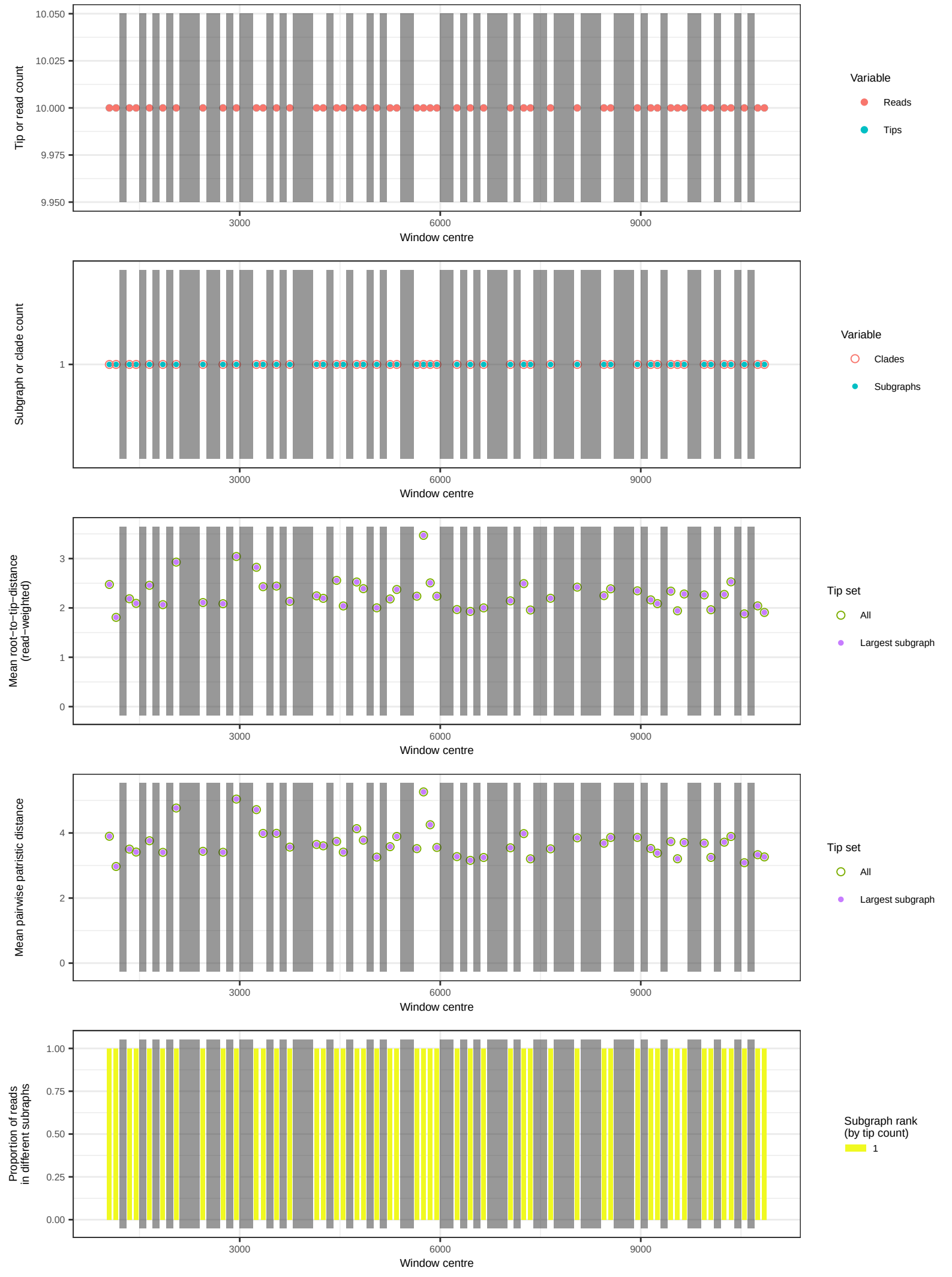

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.0
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
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
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
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
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
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
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
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
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
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
3
2
1
0
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
10.050
10.025
10.000
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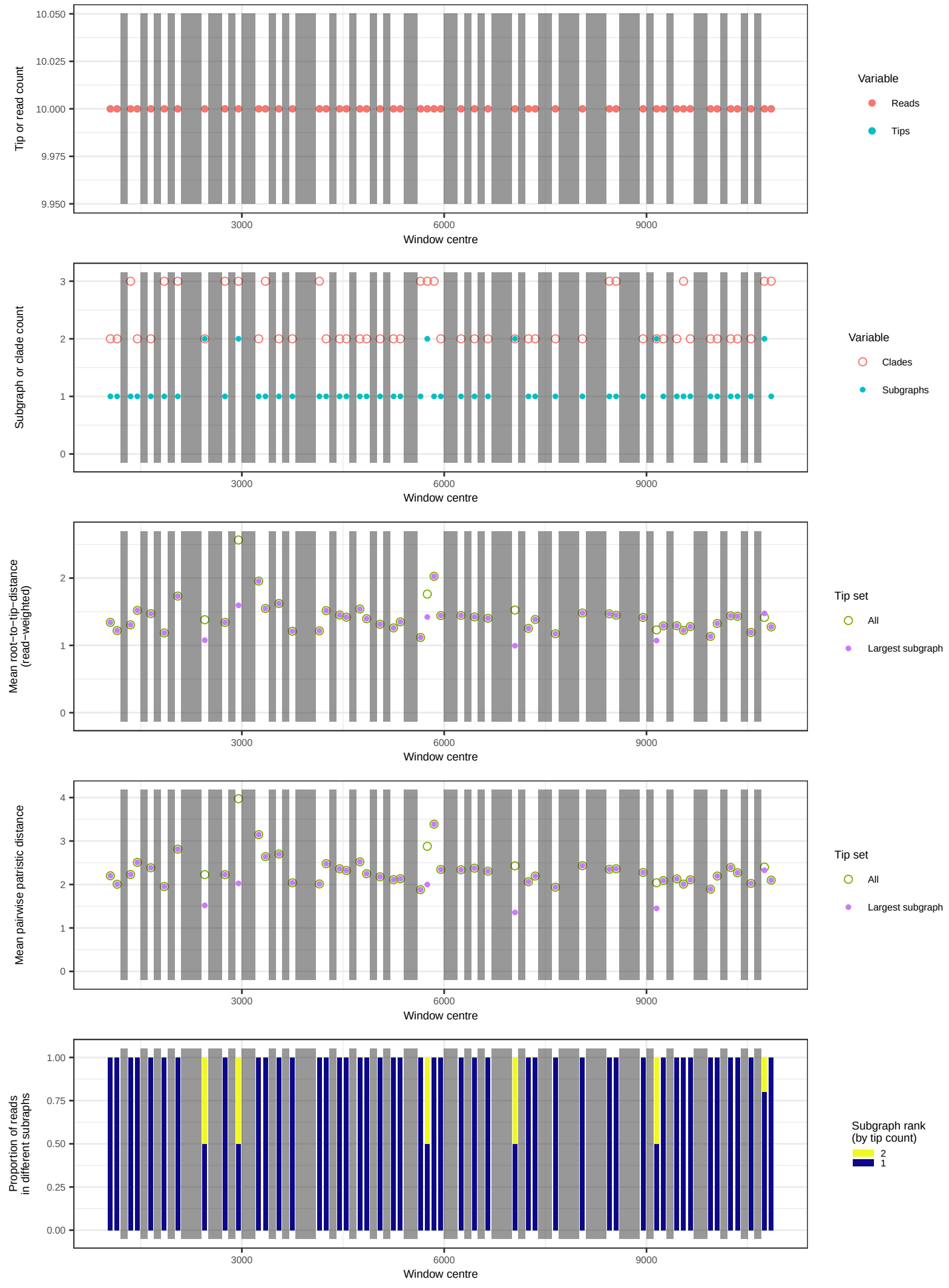
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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
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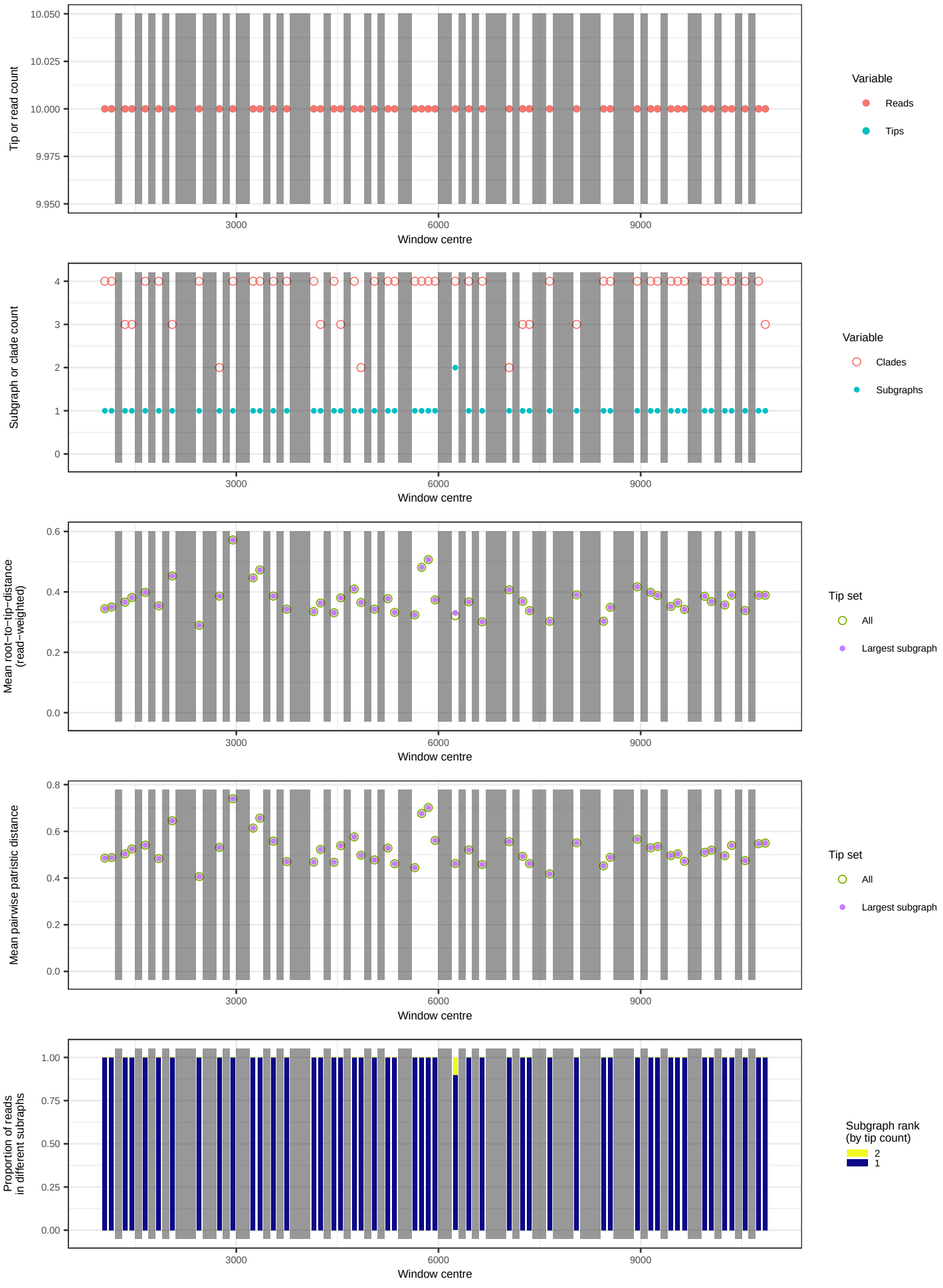
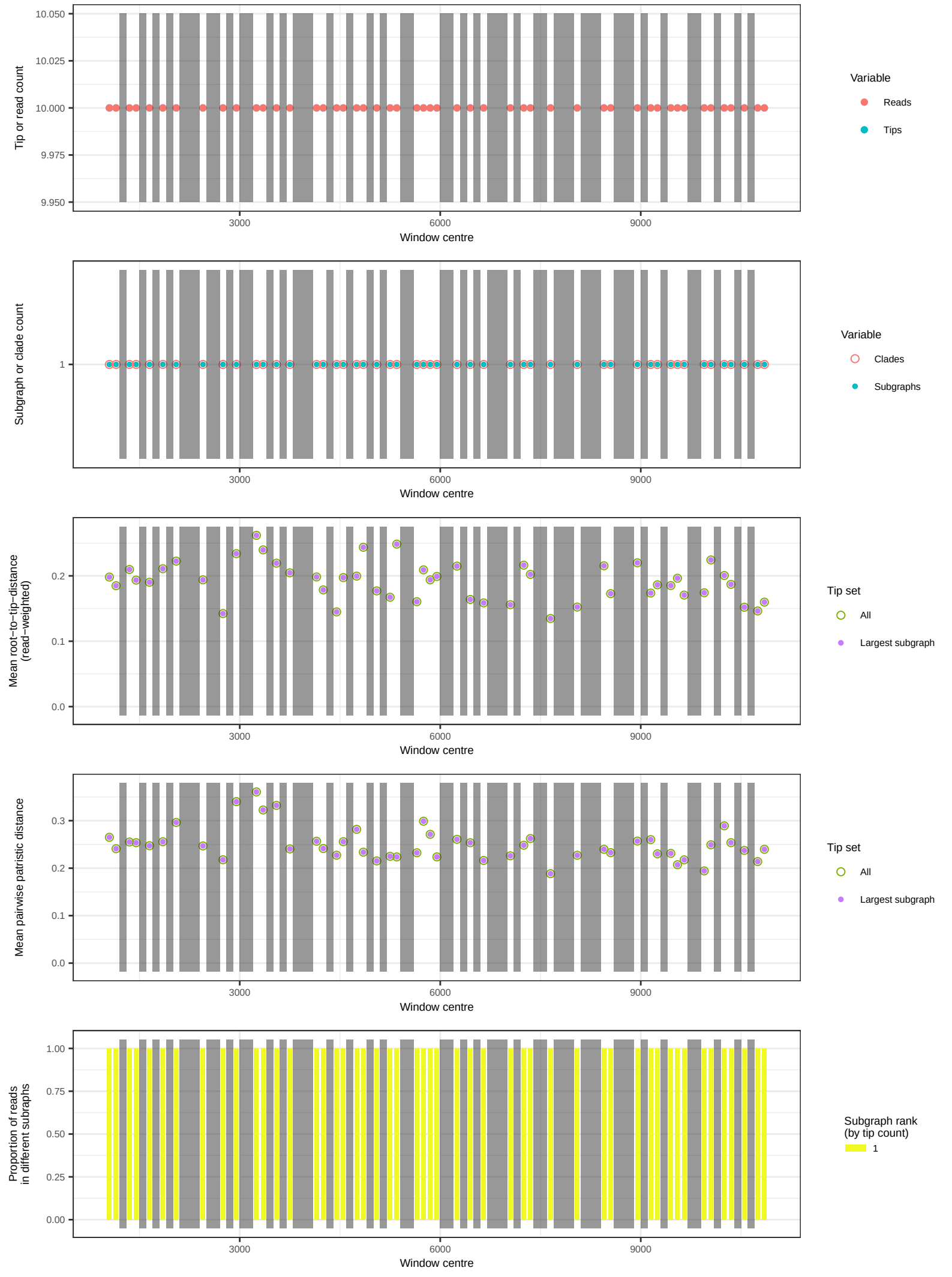
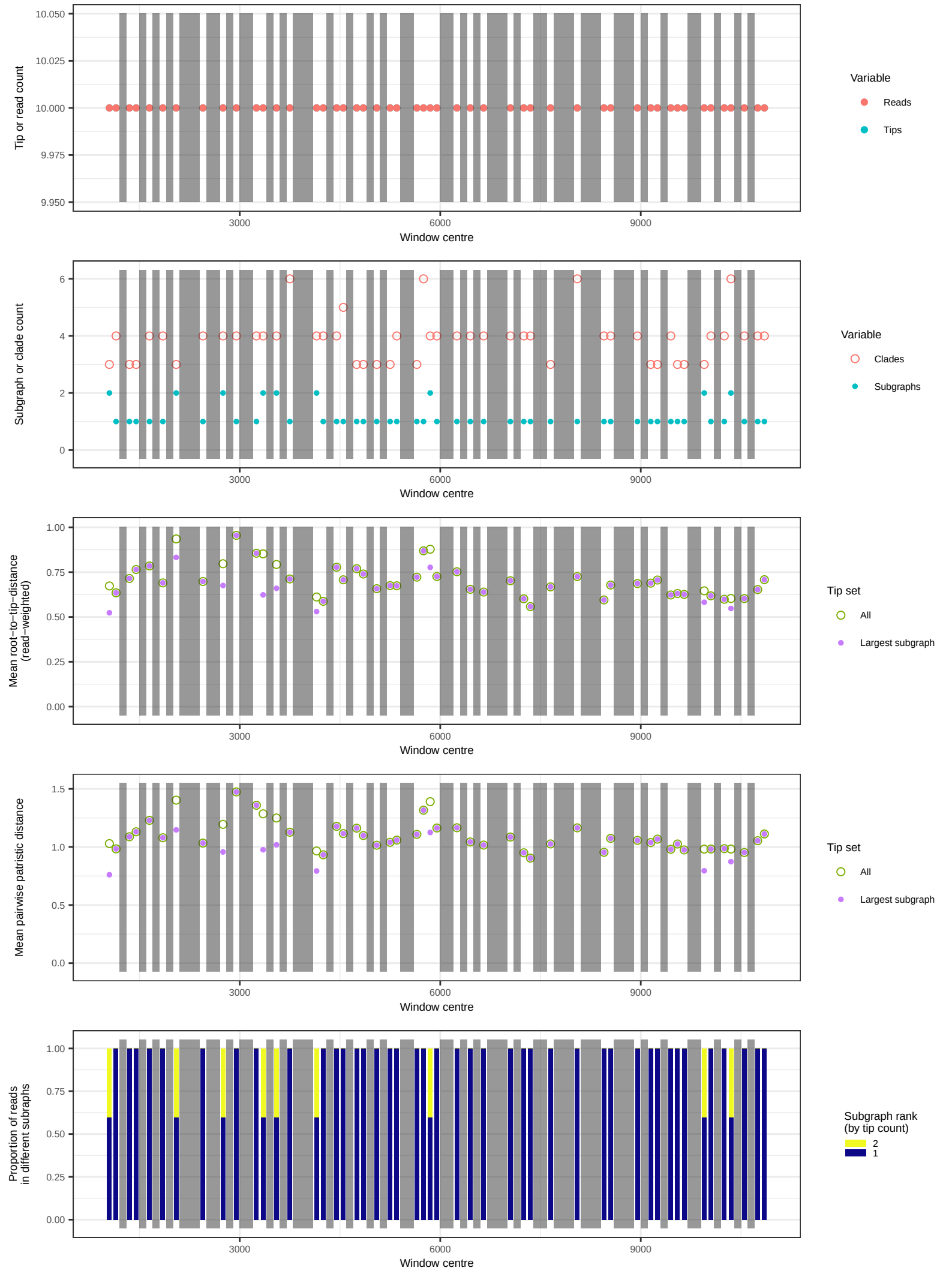
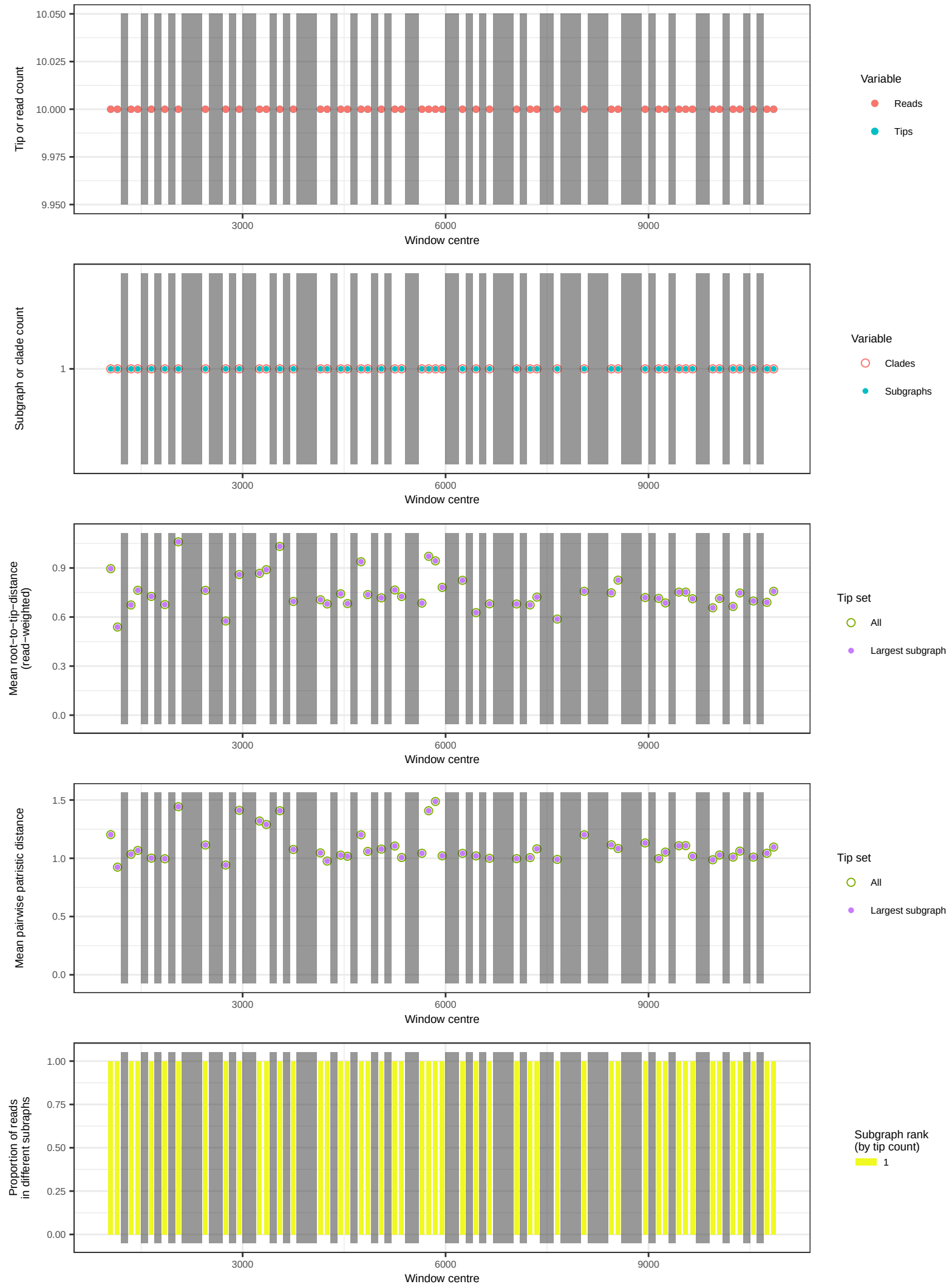
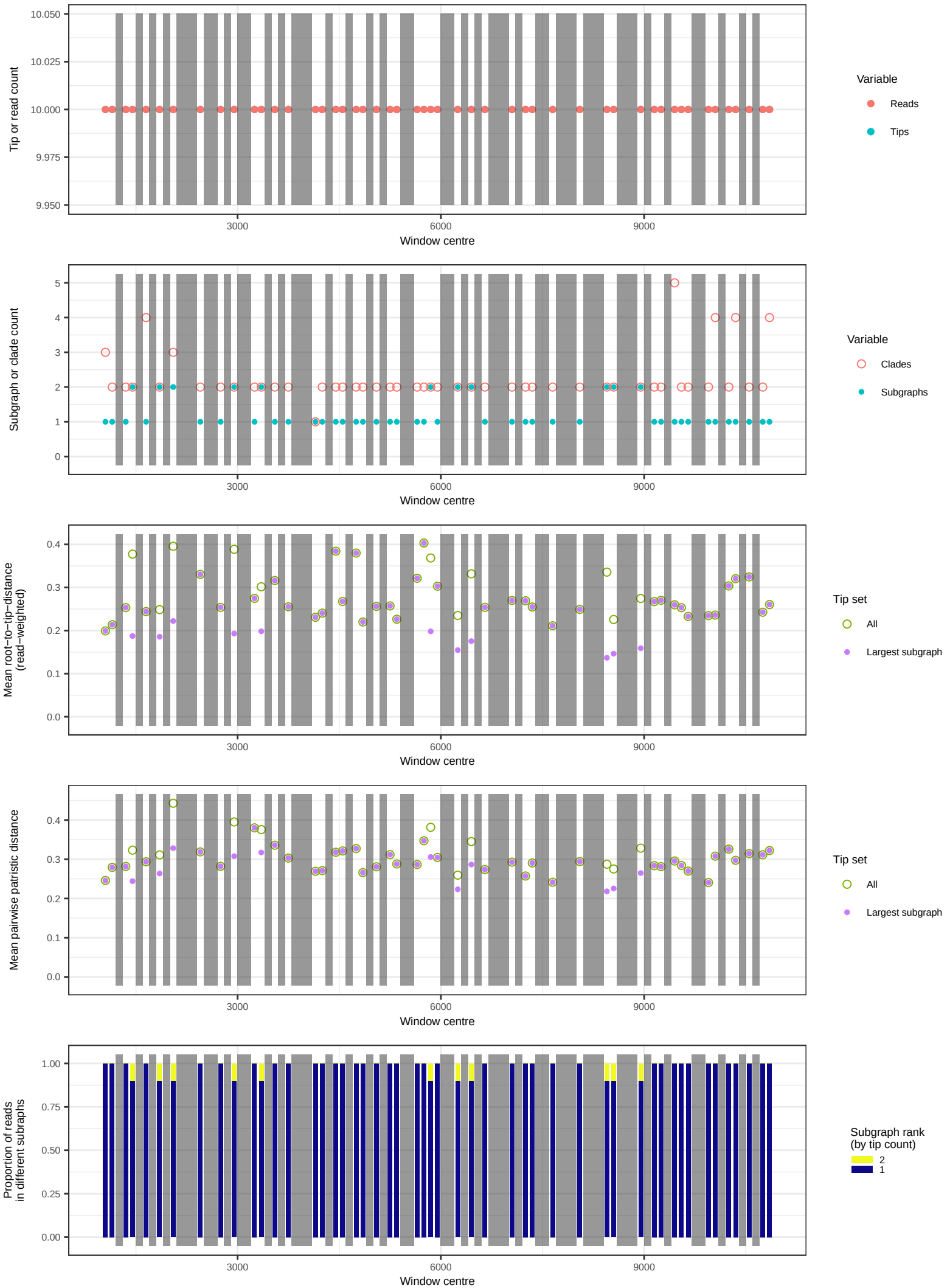
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
4
3
2
1
0
3000
6000
9000
Window centre
Tip 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)
2
1

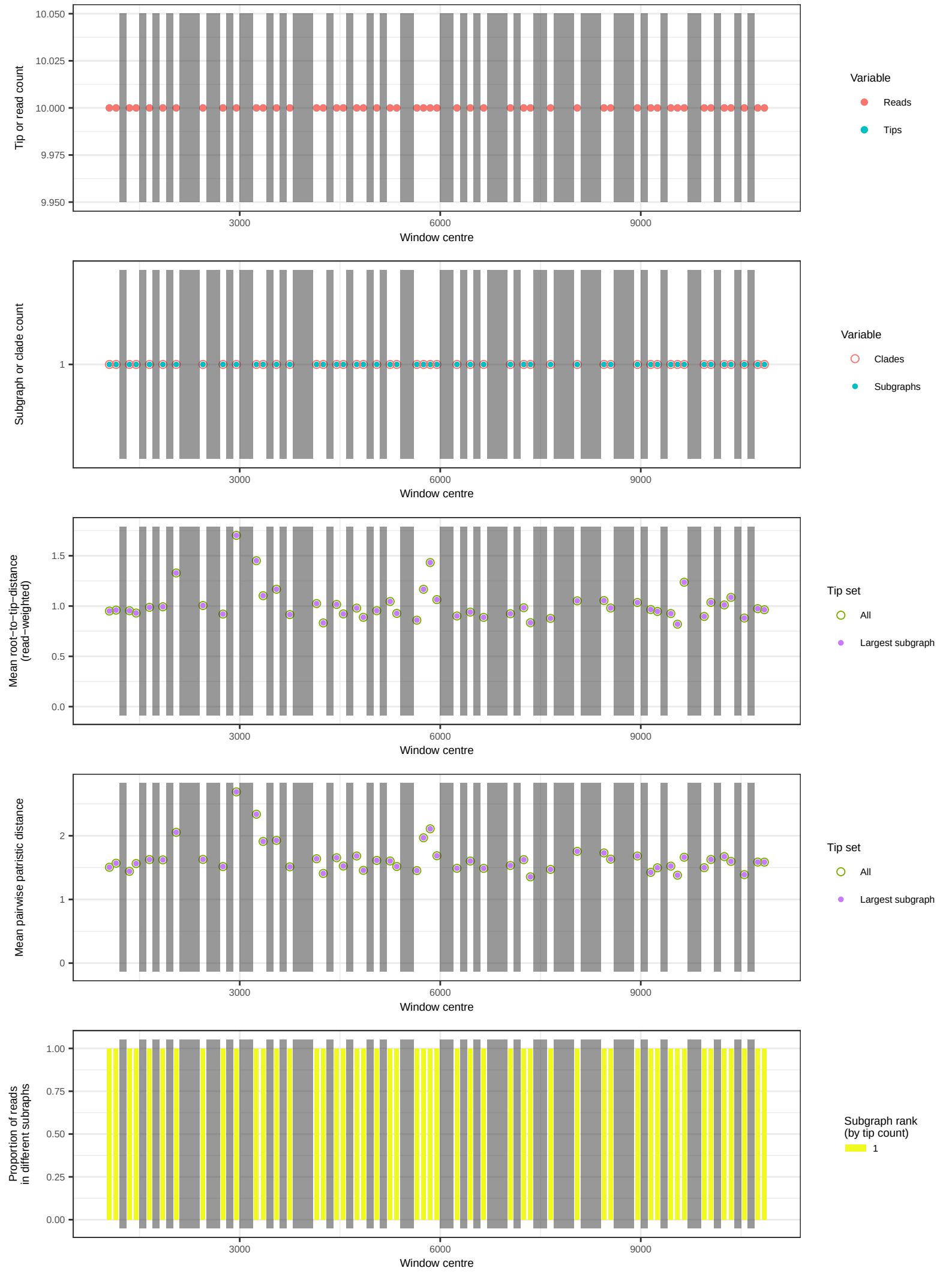

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
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
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)
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

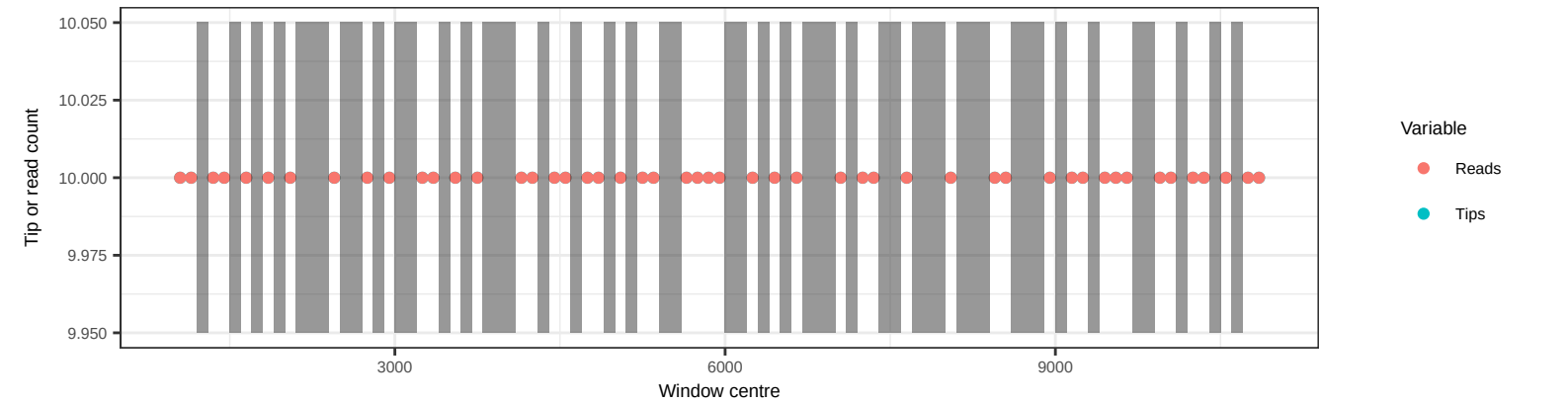

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest 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

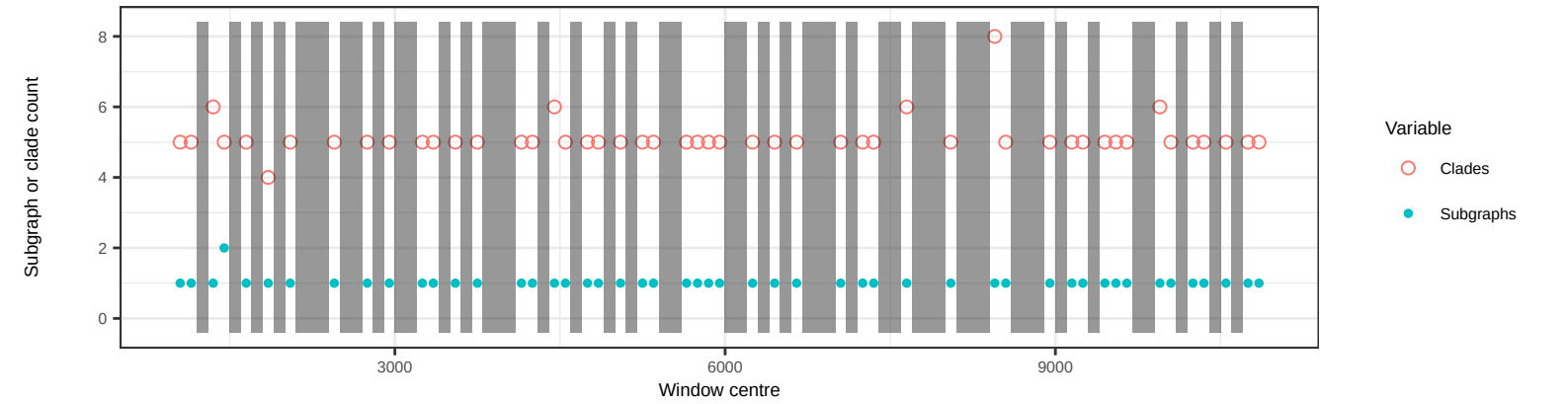

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.9
0.6
0.3
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
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

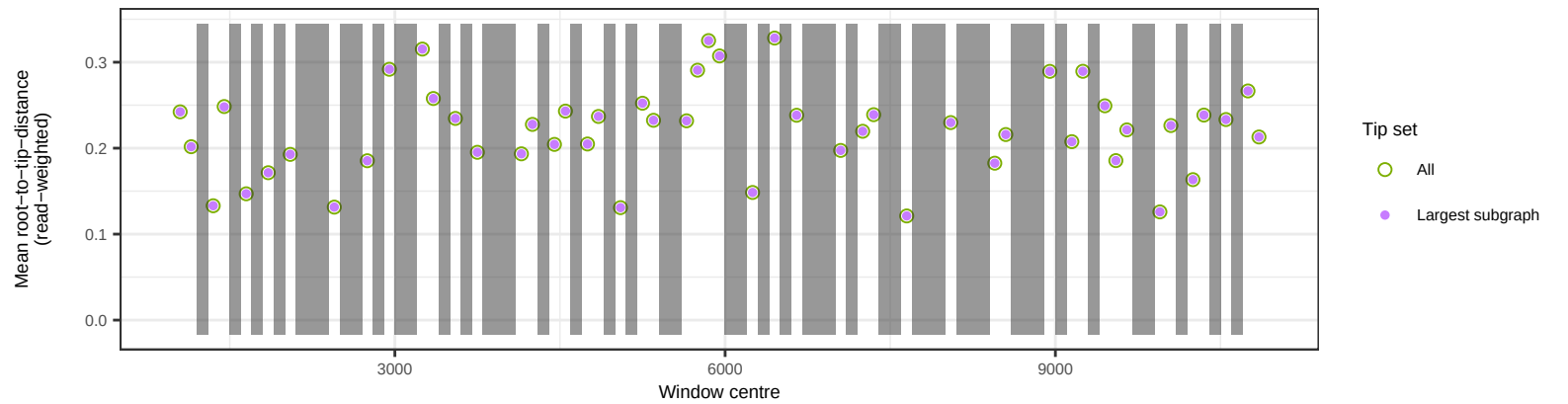

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest 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)
2
1

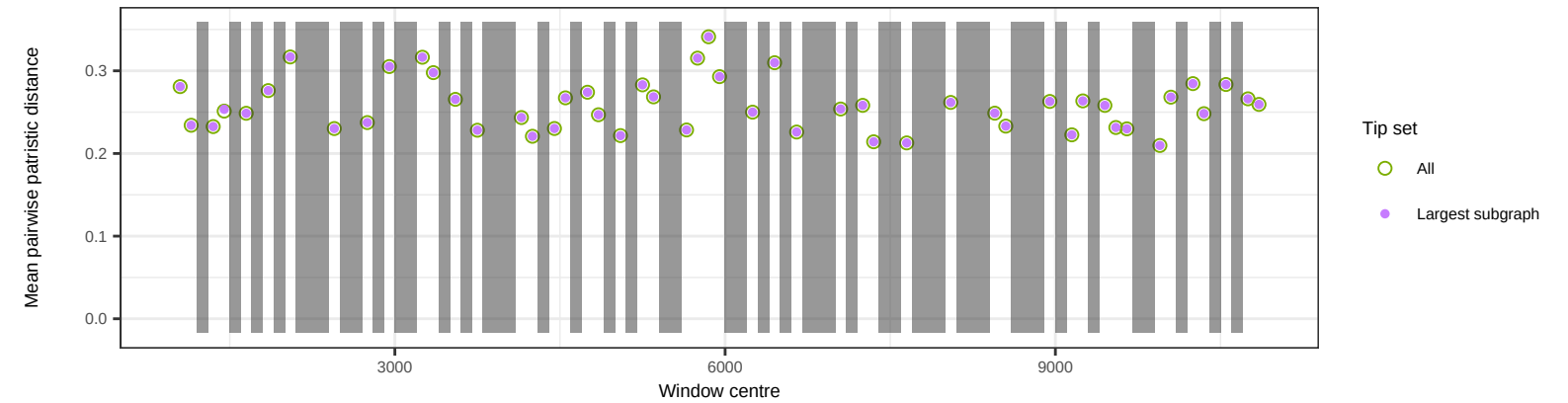

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
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

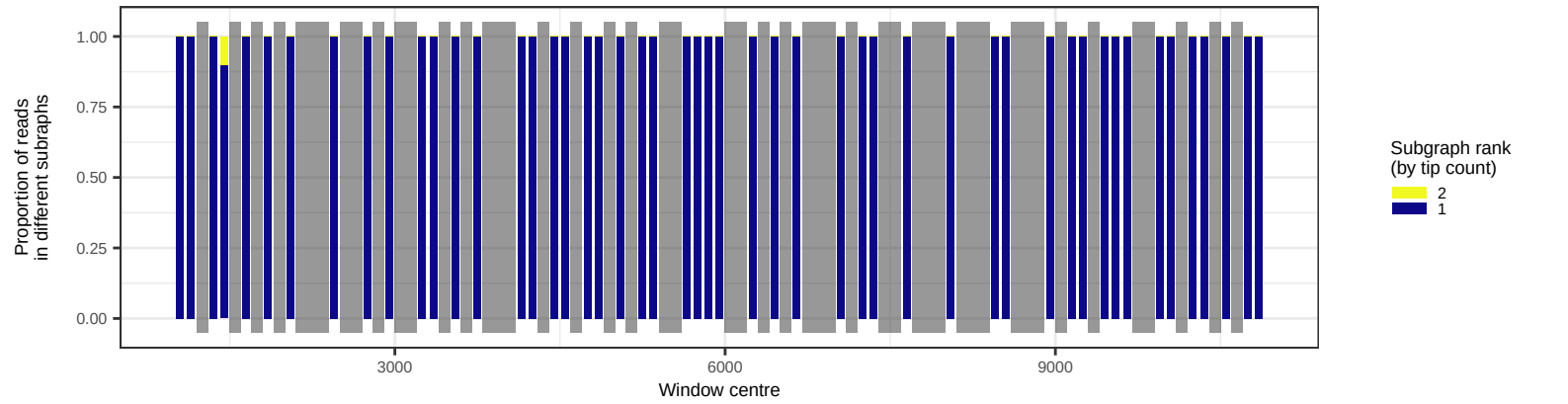
860


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

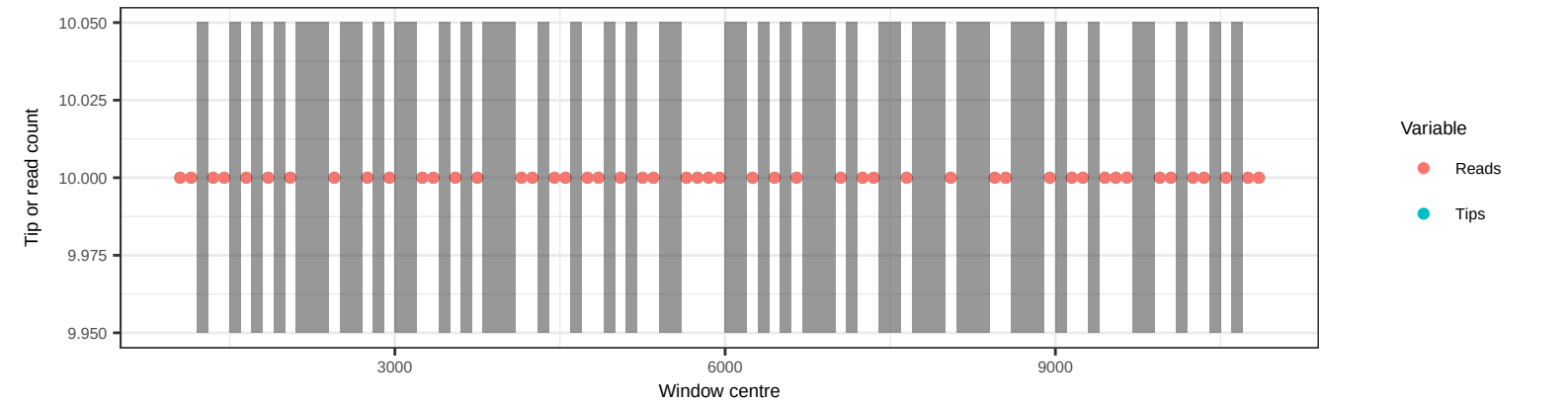

Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

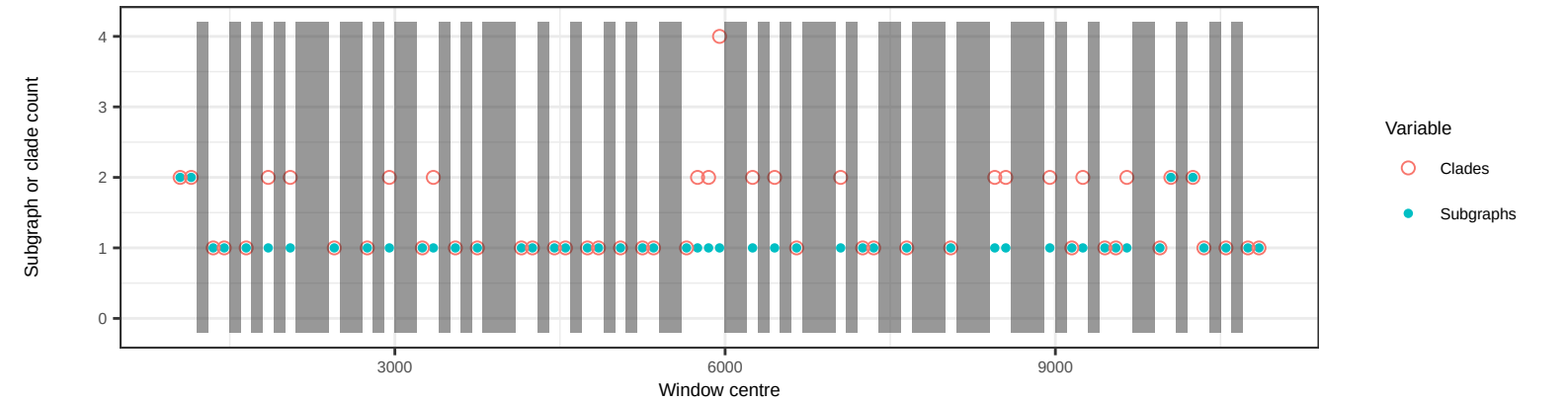

Mean root−to−tip−distance
(read−weighted)
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

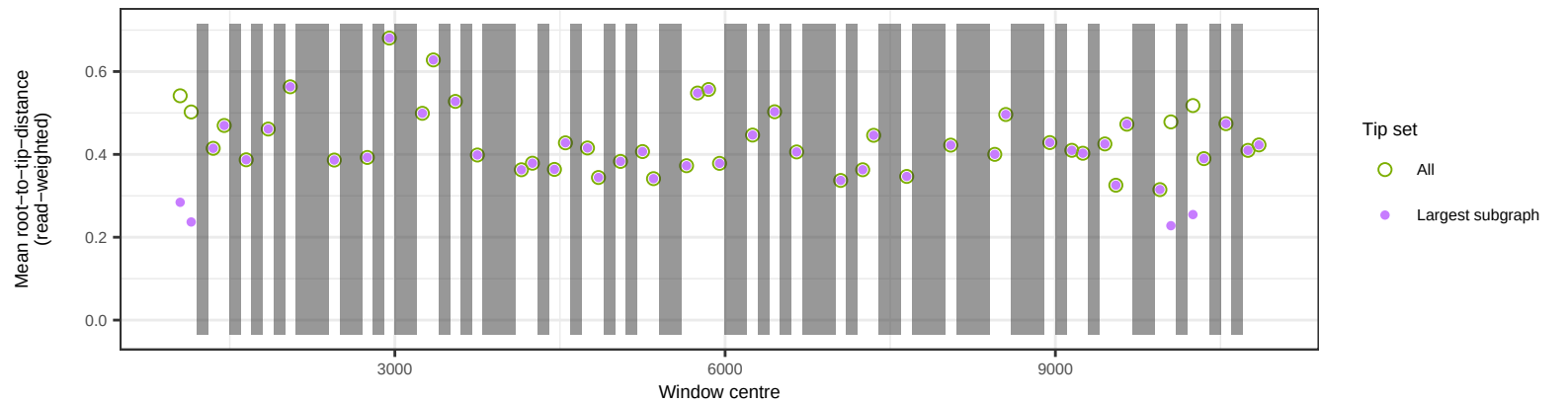

Mean pairwise patristic distance
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

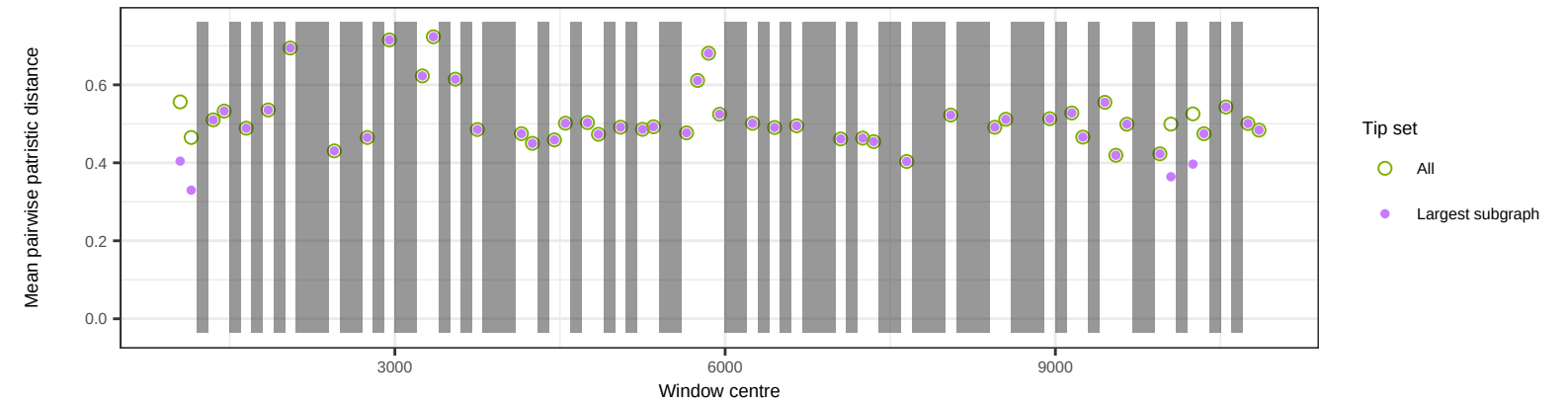

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

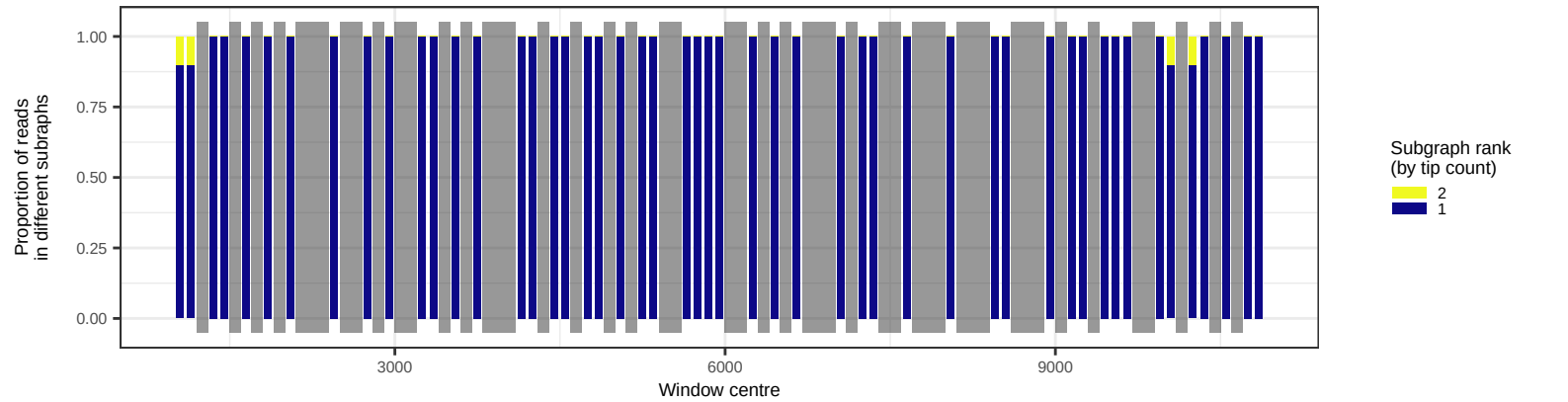
935


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)
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)
2
1