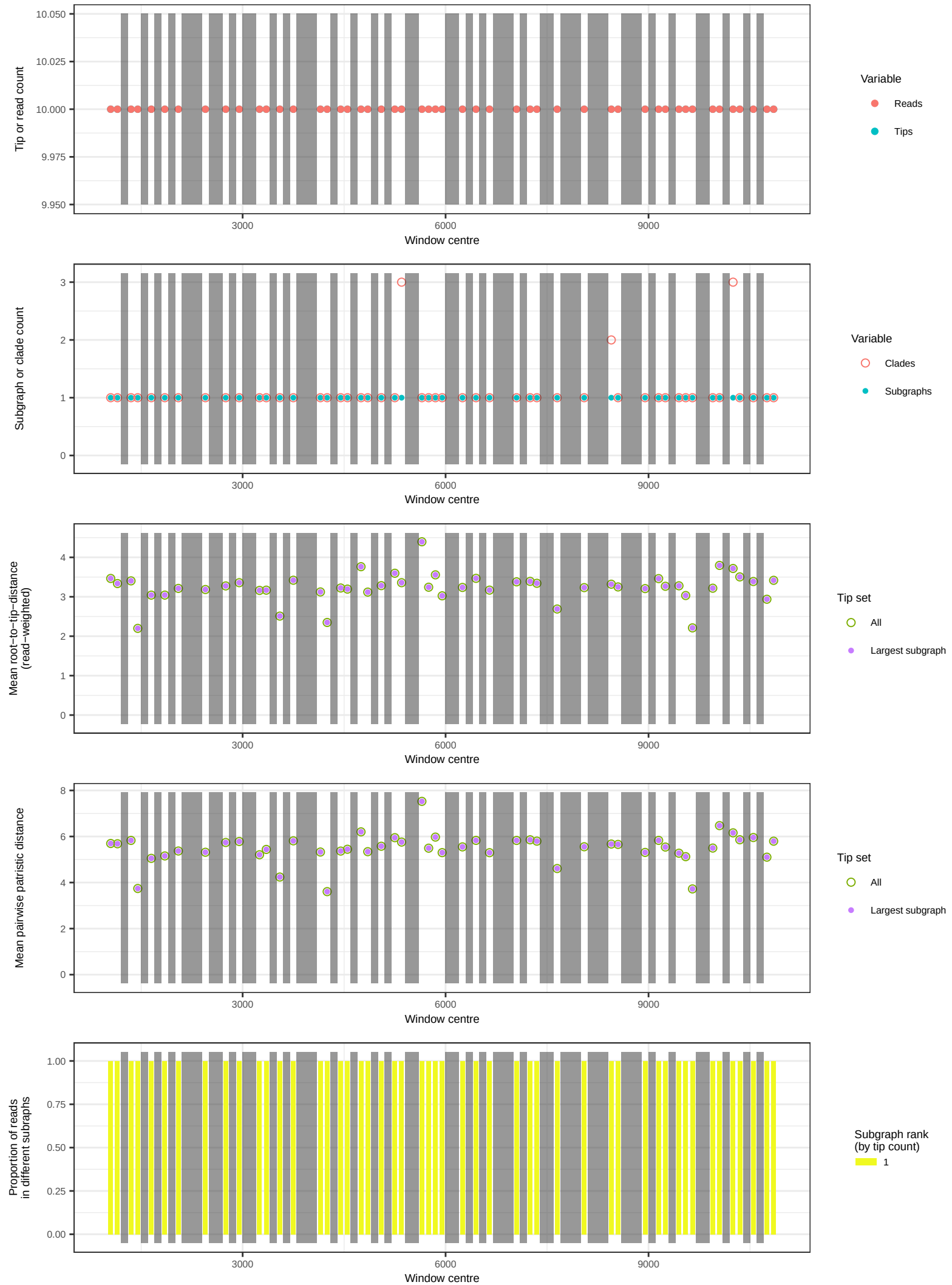
Tip or read count
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10.025
10.000
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9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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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0.50
0.25
0.00
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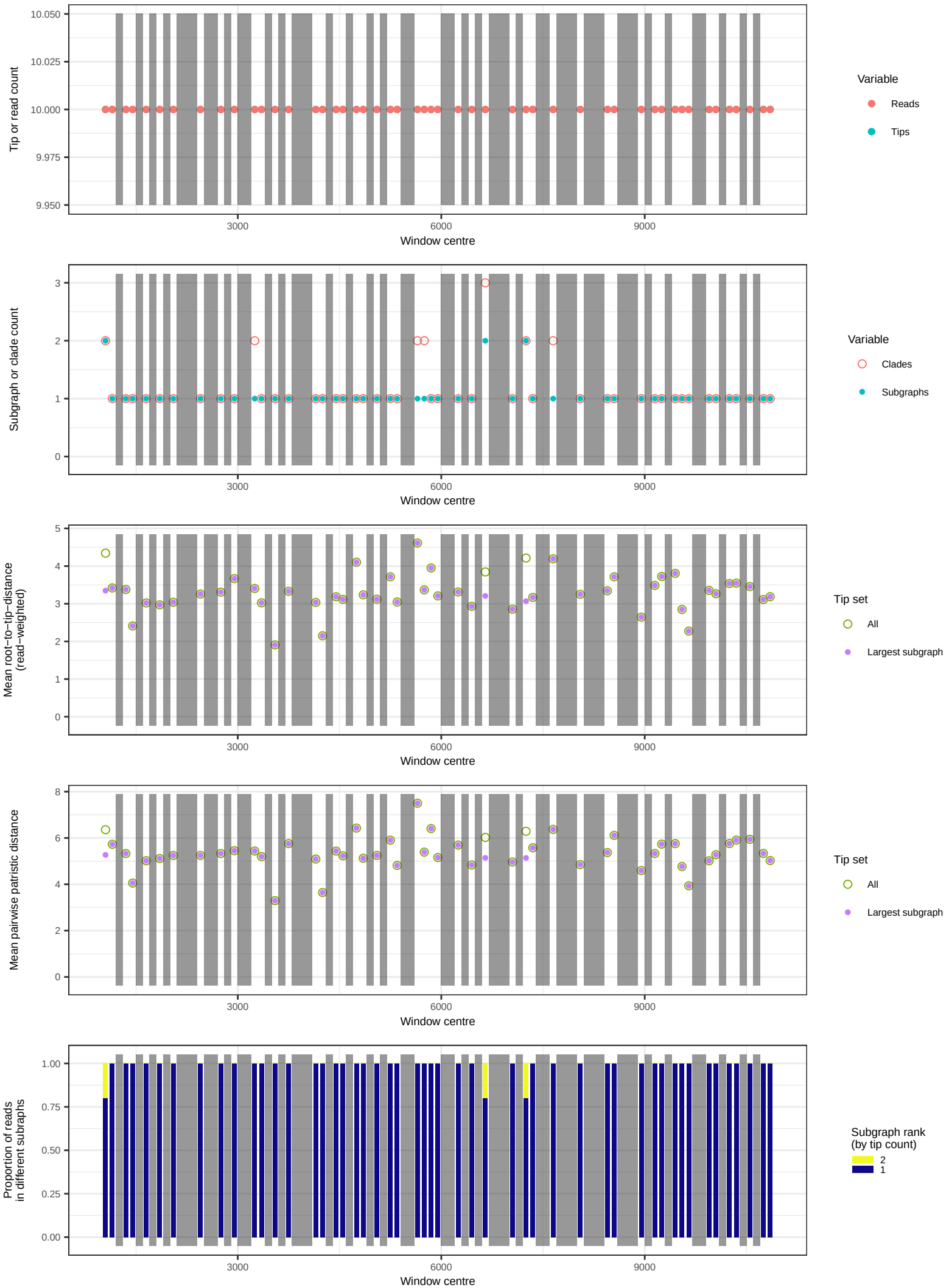
6000
9000
Window centre
Subgraph rank (by tip count)
1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10.000
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3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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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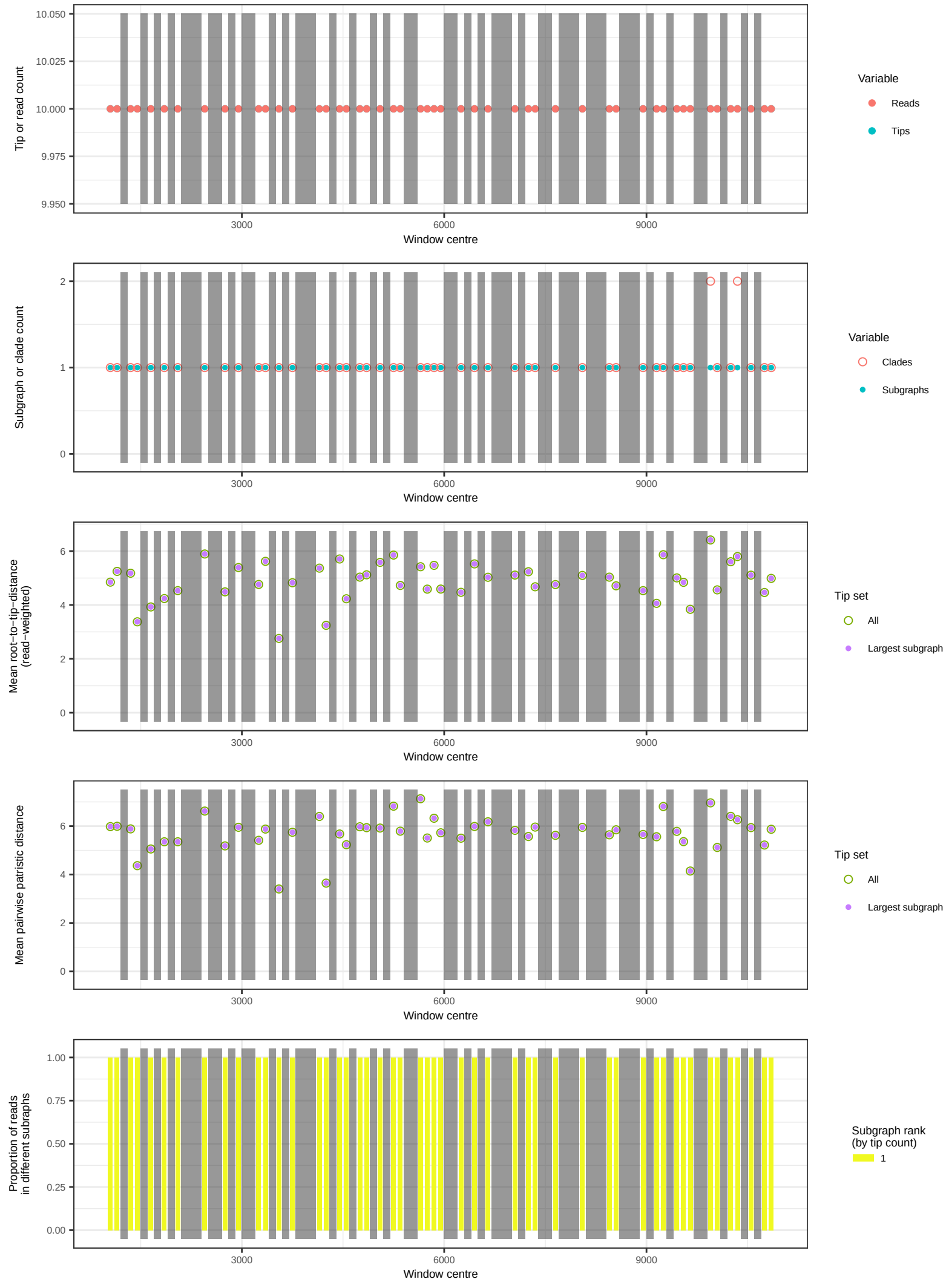
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1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10.000
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9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
6
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
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0.50
0.25
0.00
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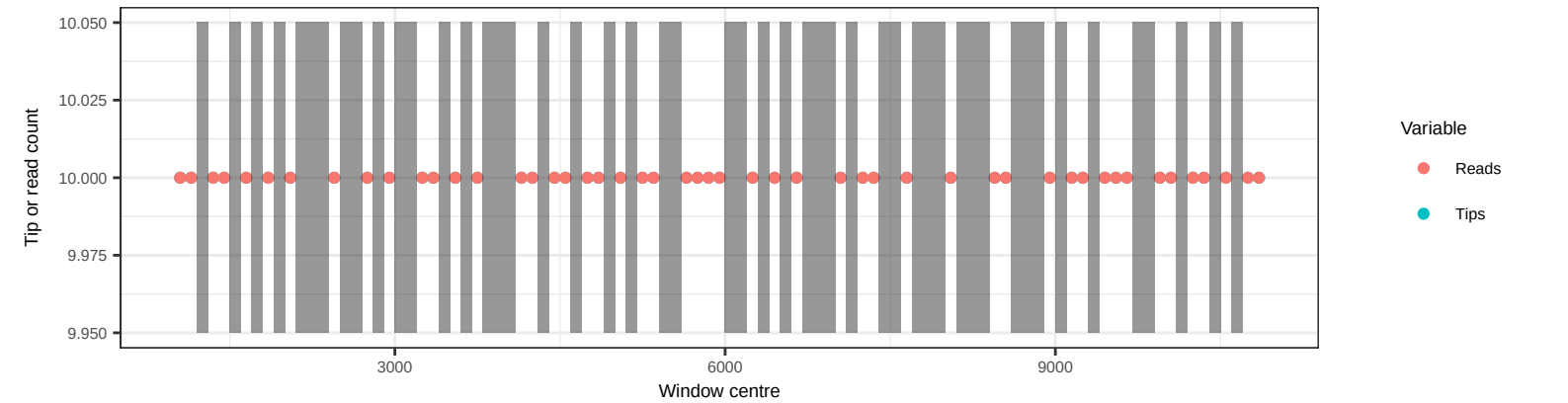
6000
9000
Window centre
Subgraph rank (by tip count)
1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10.000
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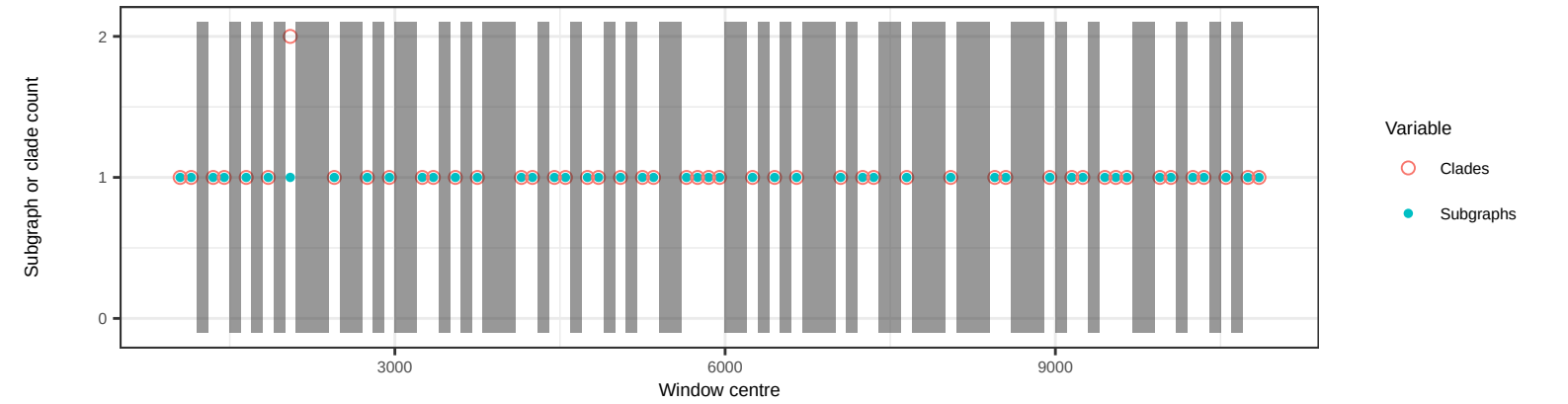
9000
Window centre
Variable
Reads
Tips


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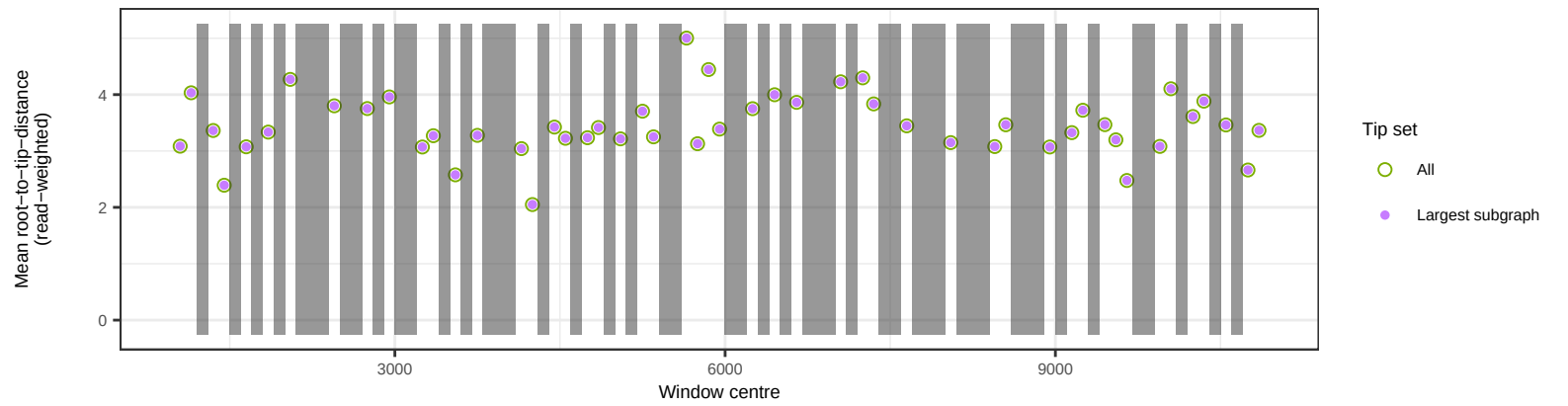
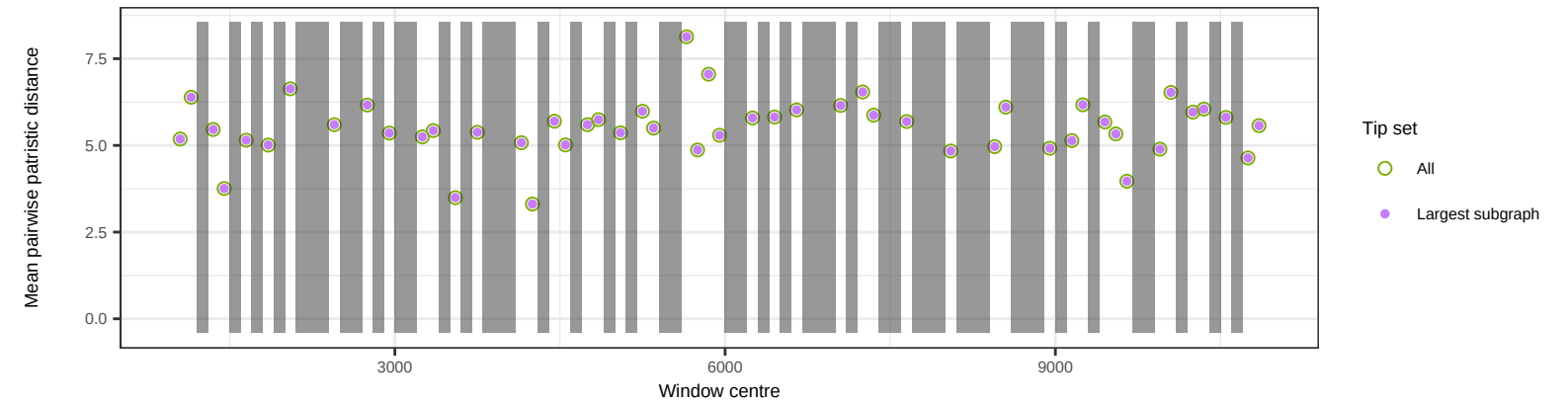
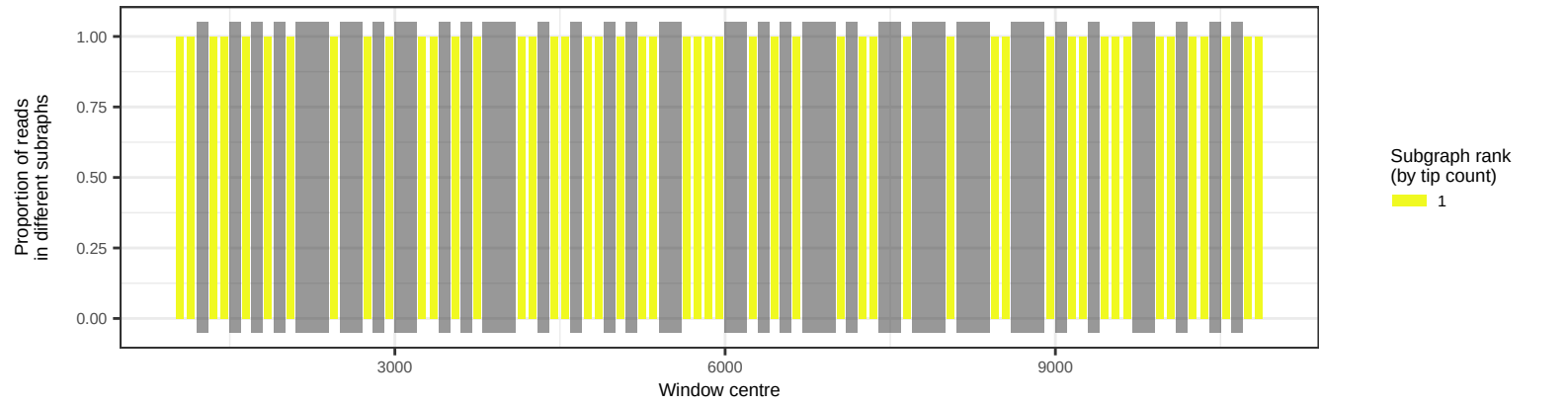
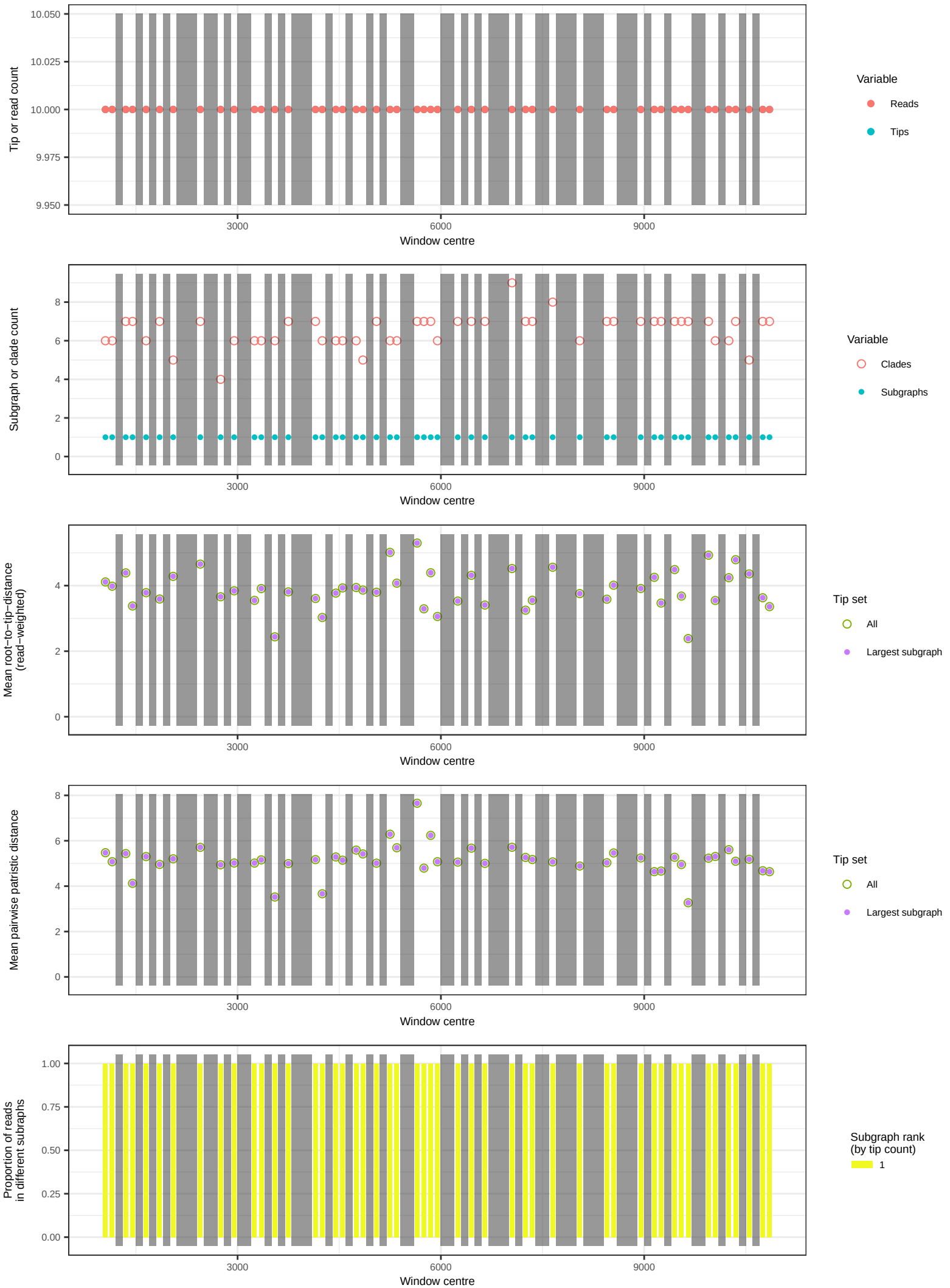
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs


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


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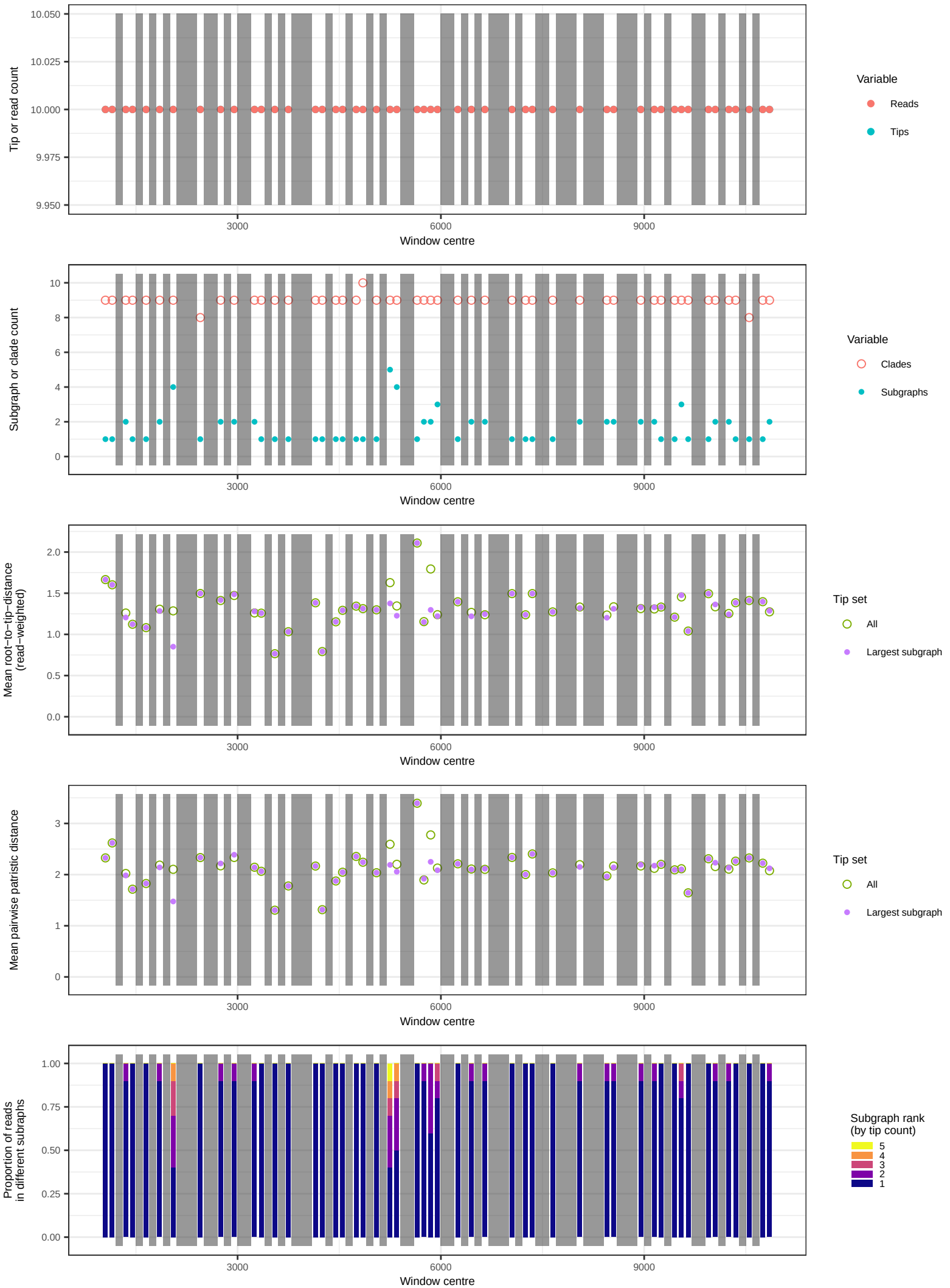
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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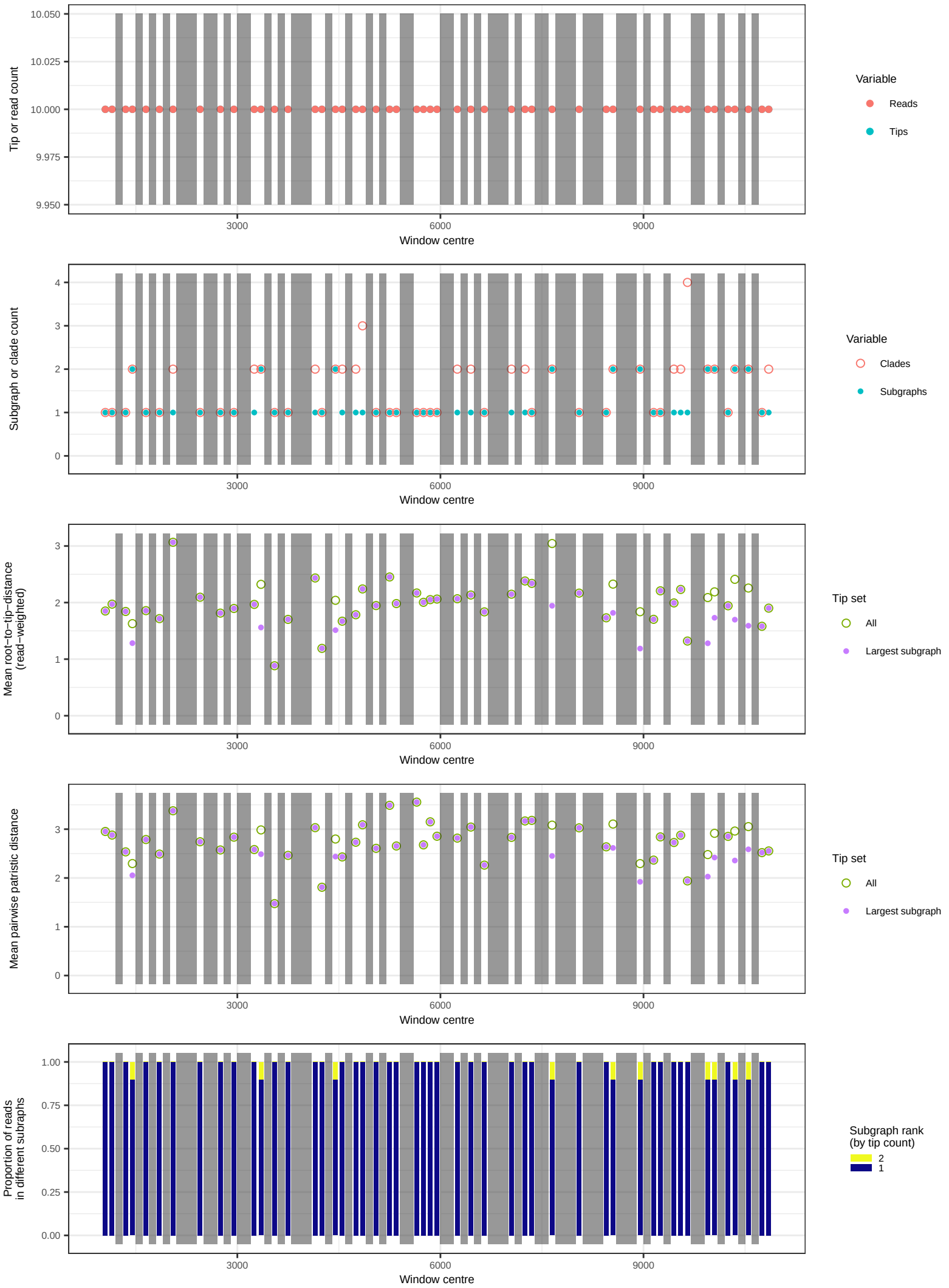
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
10
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2.0
1.5
1.0
0.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
3
2
1
0
3000
6000
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)
5
4
3
2
1


Tip or read count
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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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6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
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Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
3
2
1
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6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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0.50
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0.00
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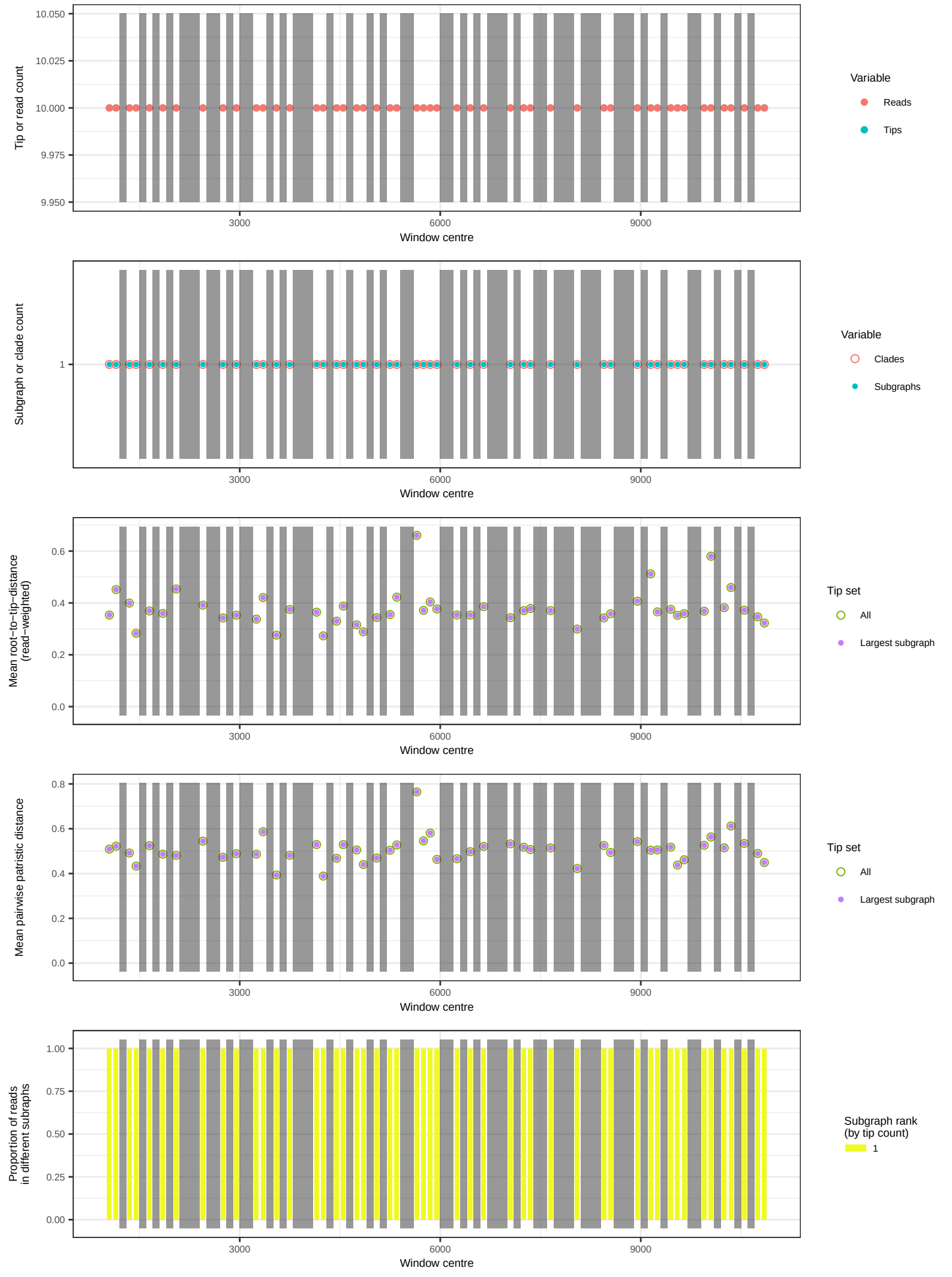
6000
9000
Window centre
Subgraph rank (by tip count)
2
1


Tip or read count
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10.000
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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)
0.6
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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0.50
0.25
0.00
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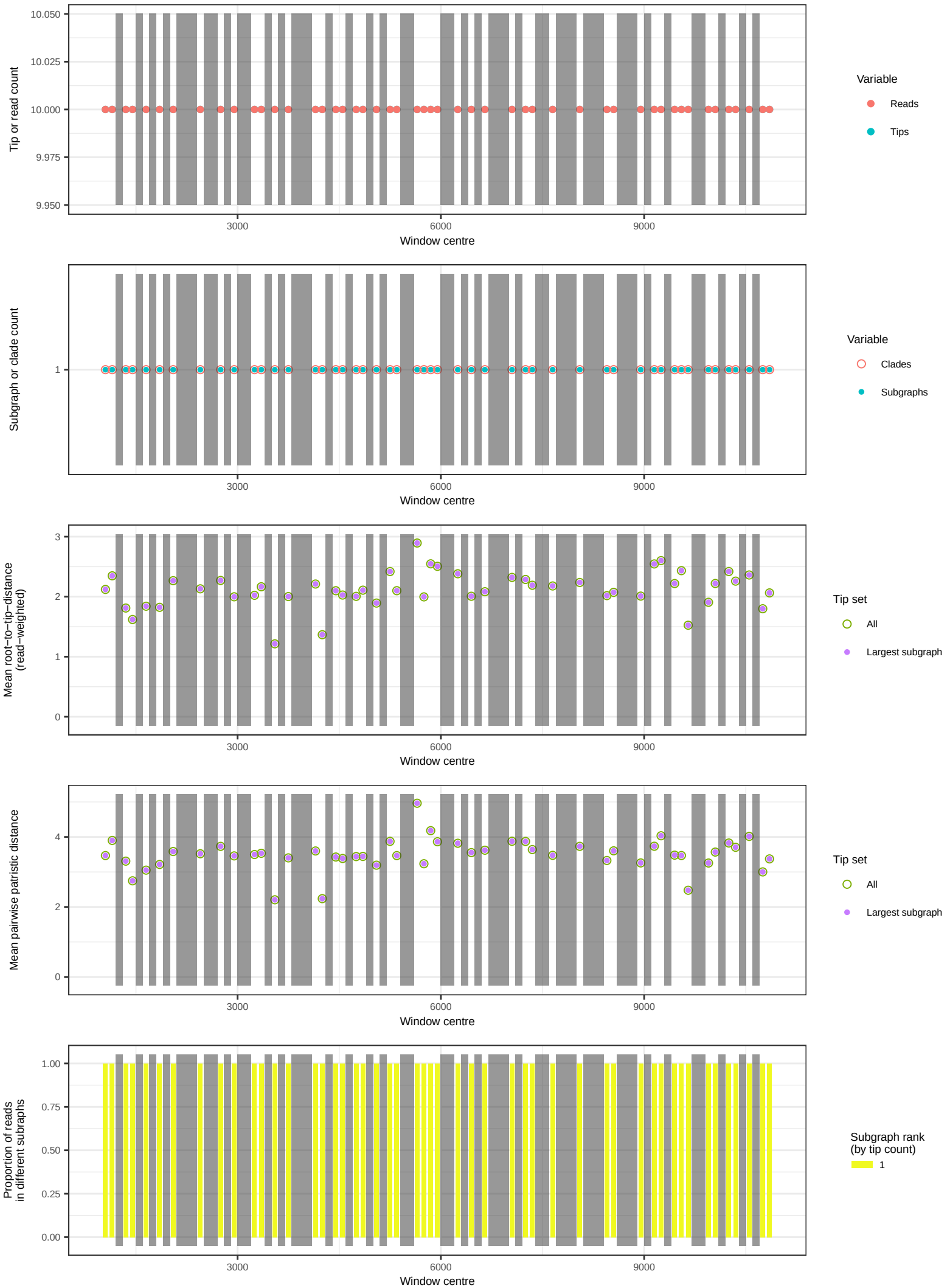
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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10.025
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Window centre
Variable
Reads
Tips
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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
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0.50
0.25
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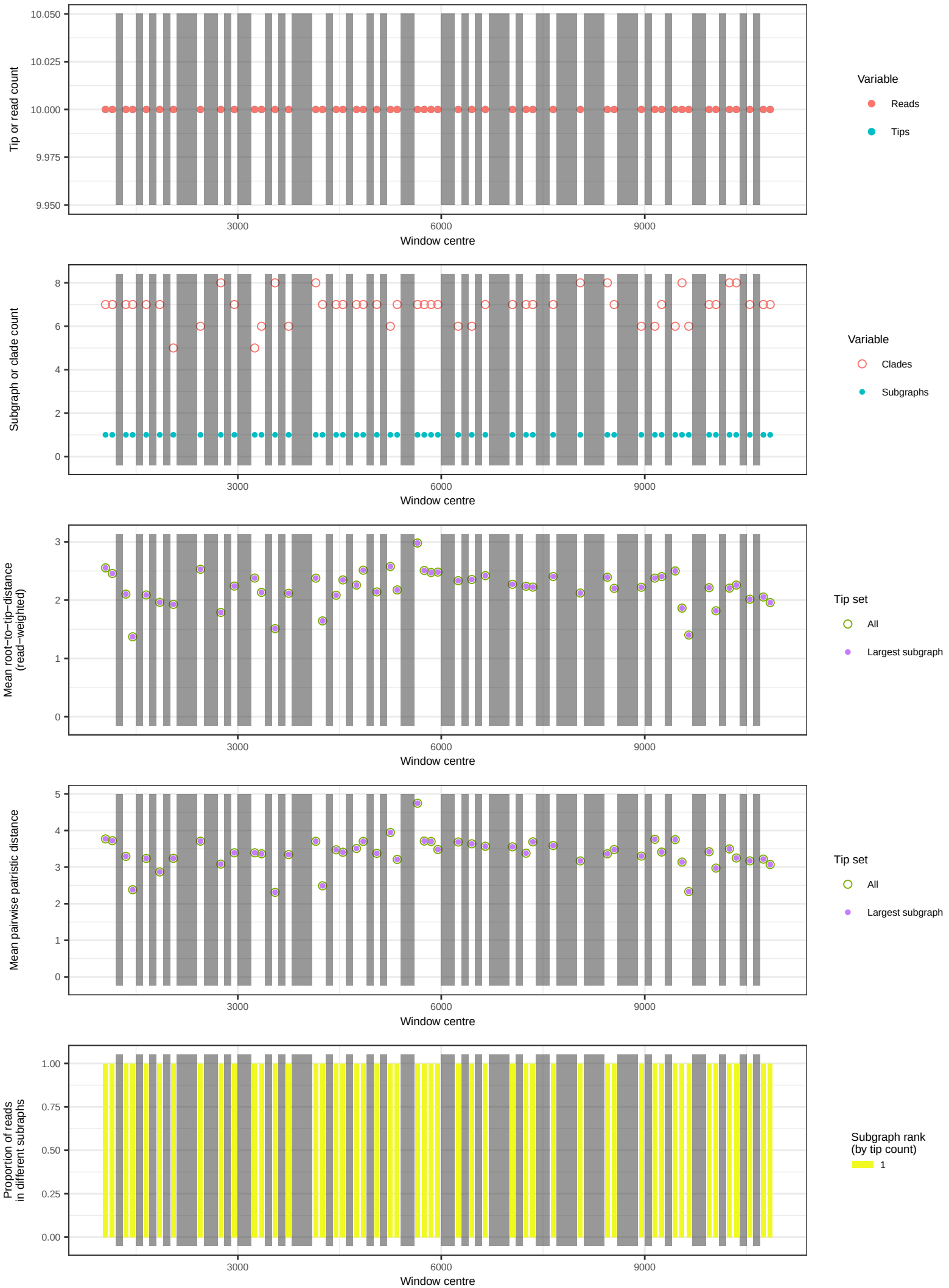
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1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9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
5
4
3
2
1
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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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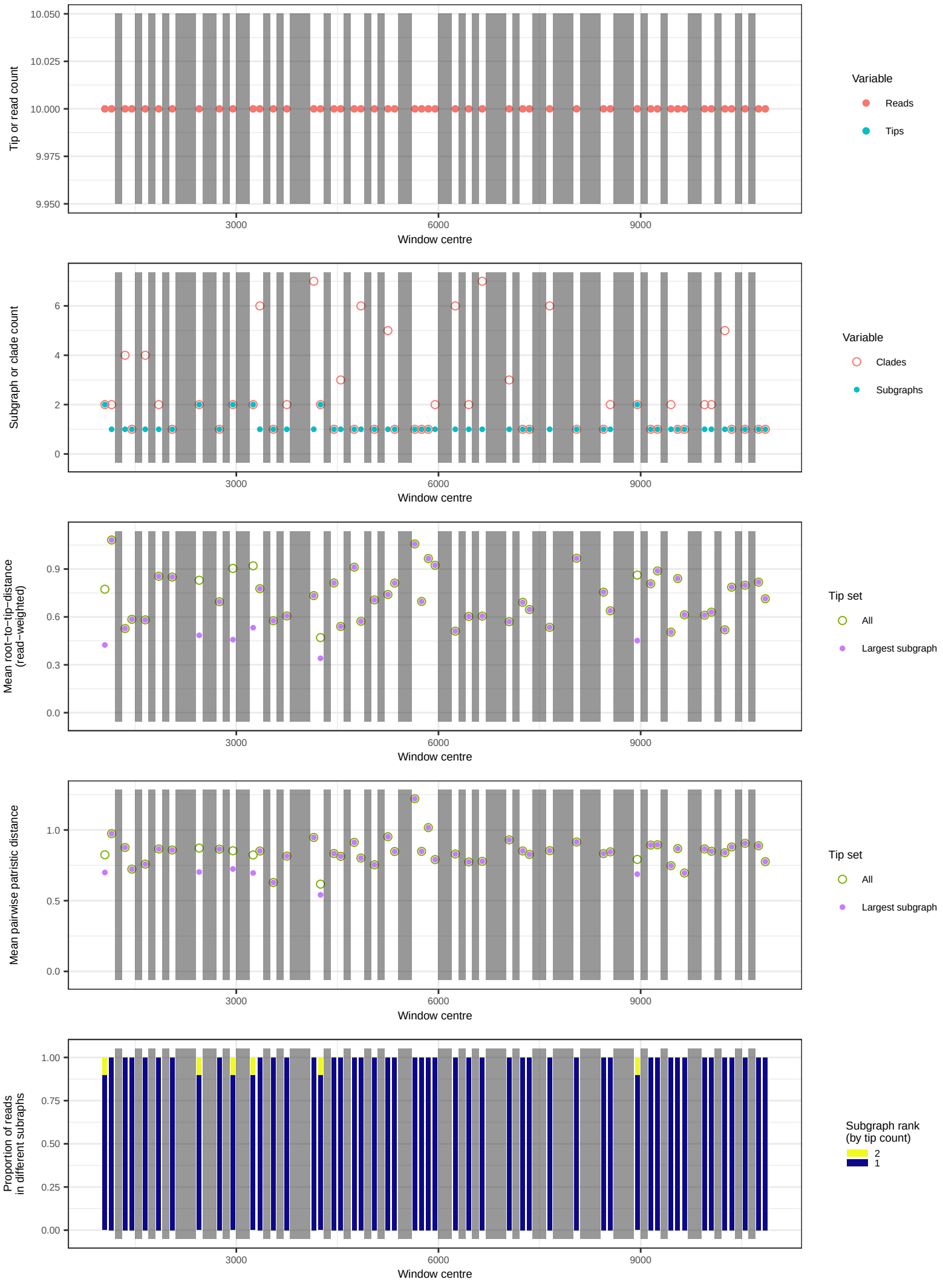
6000
9000
Window centre
Subgraph rank (by tip count)
1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9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
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6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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0.6
0.3
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
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6000
9000
Window centre
Subgraph rank (by tip count)
2
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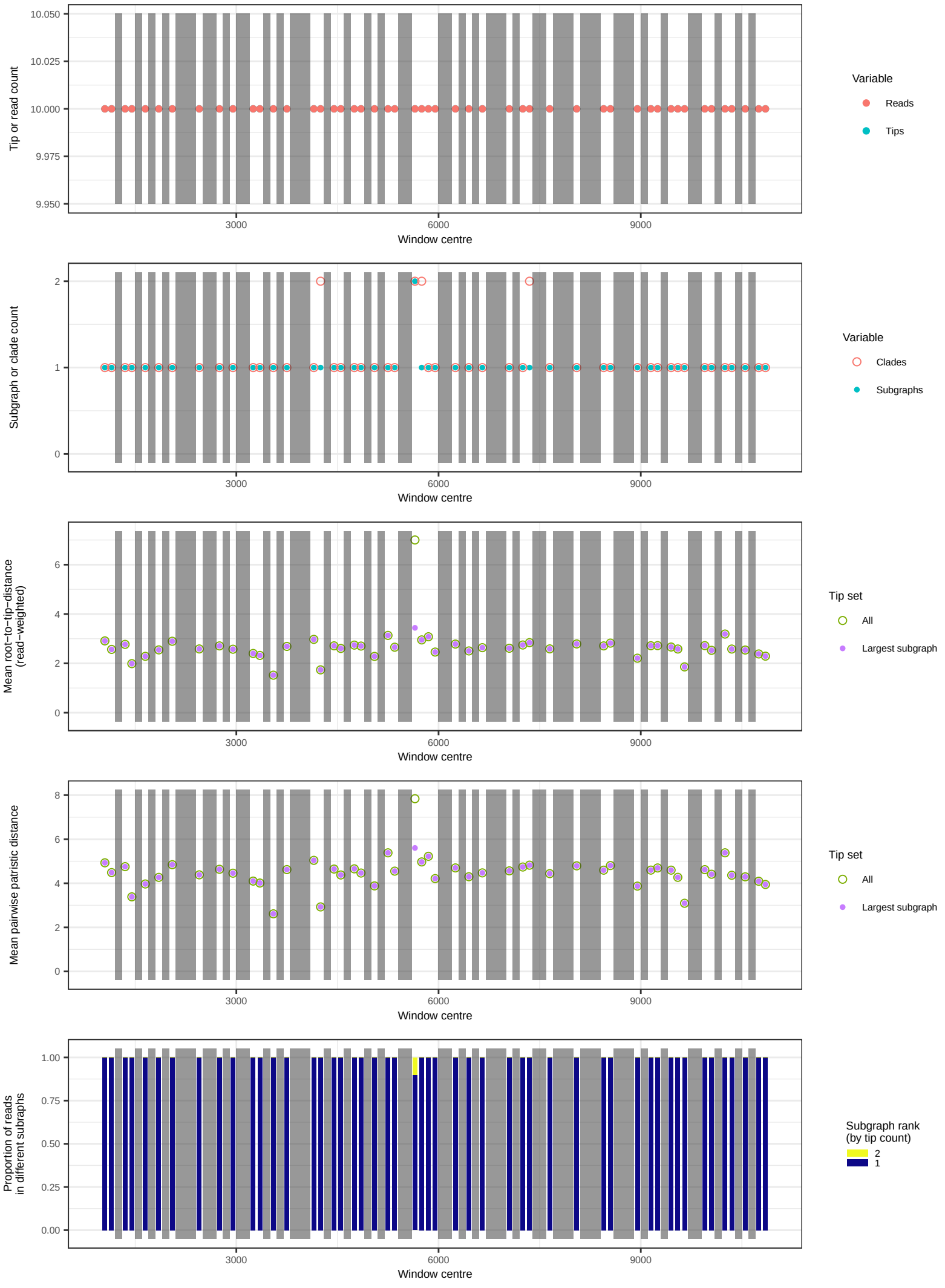
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Window centre
Variable
Reads
Tips
Subgraph or clade count
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
6
4
2
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3000
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9000
Window centre
Tip set
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Largest subgraph
Mean pairwise patristic distance
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6
4
2
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6000
9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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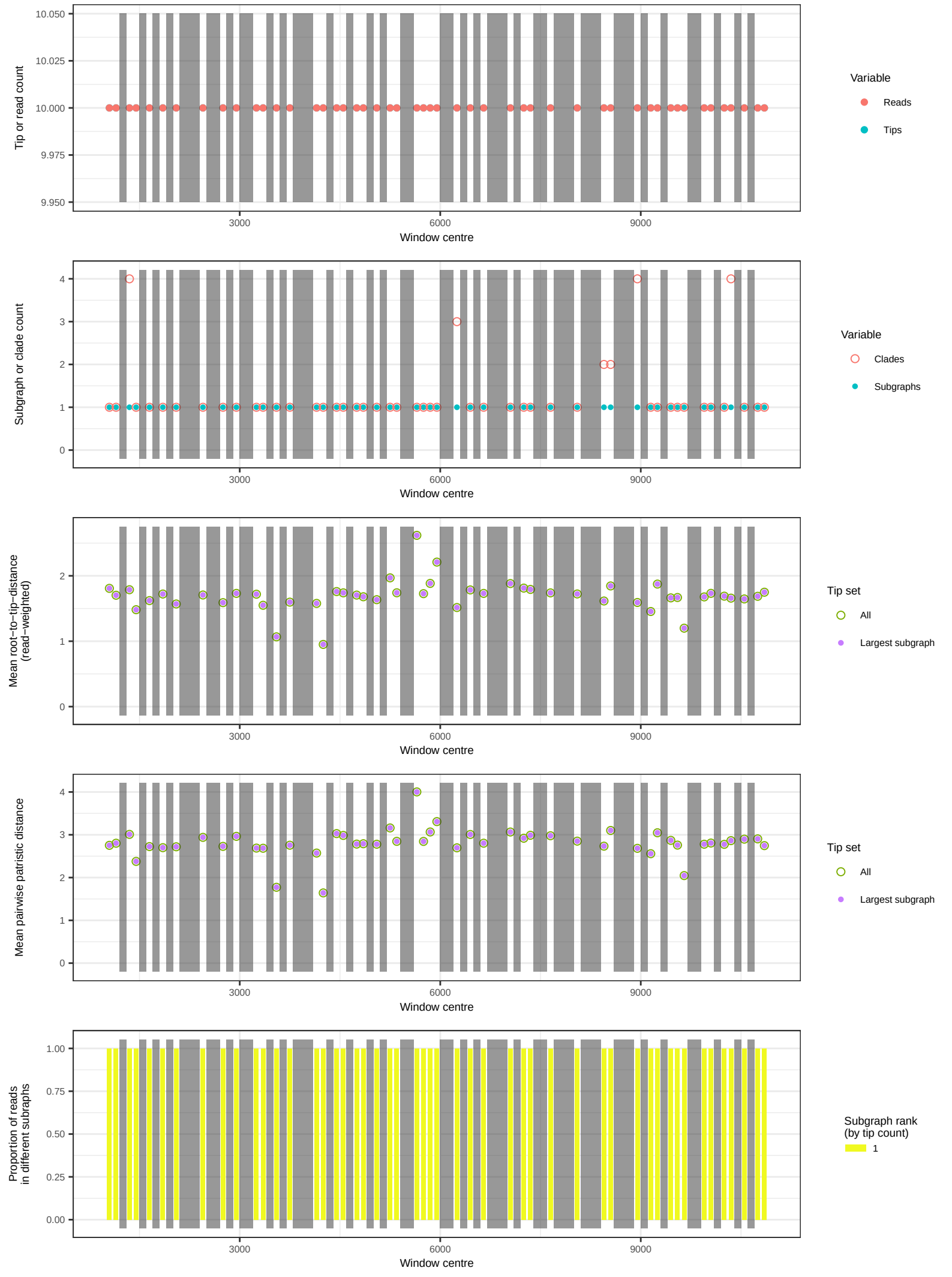
9000
Window centre
Subgraph rank (by tip count)
2
1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Tips
Subgraph or clade count
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
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Window centre
Tip set
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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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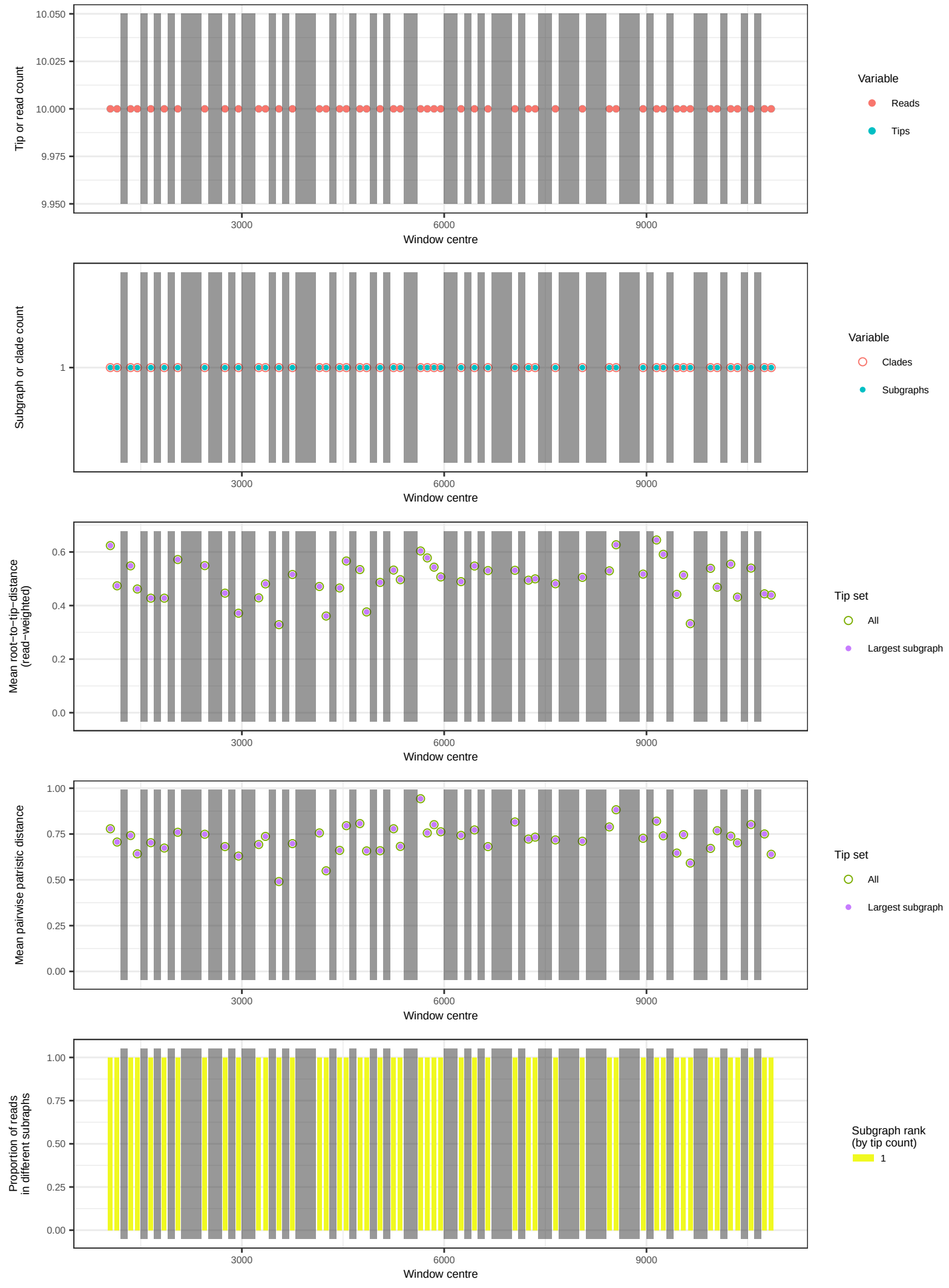
Window centre
Subgraph rank (by tip count)
1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Window centre
Variable
Reads
Tips
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1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
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
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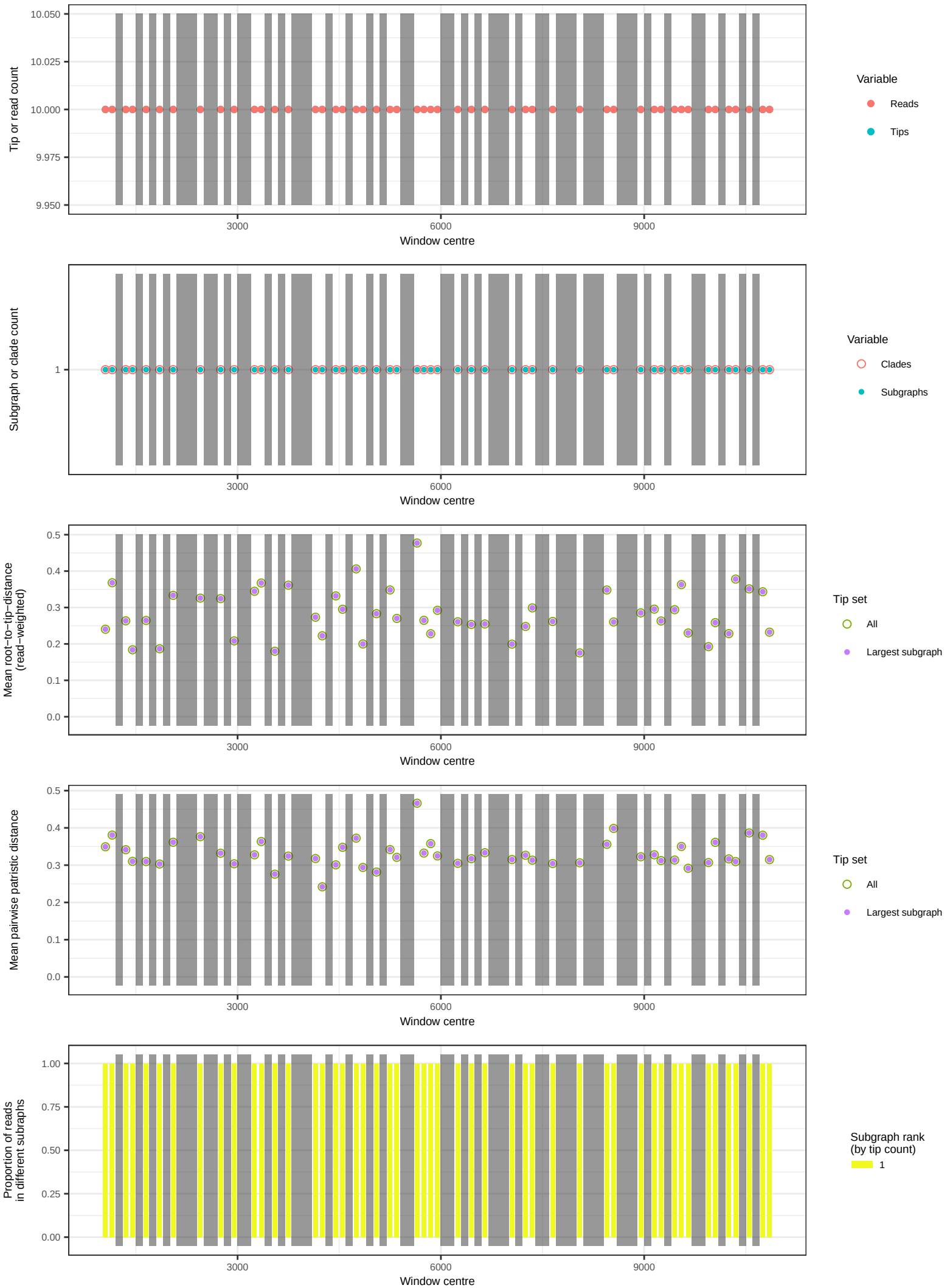
Subgraph rank (by tip count)
1


Tip or read count
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Window centre
Variable
Reads
Tips
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3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.5
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.5
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
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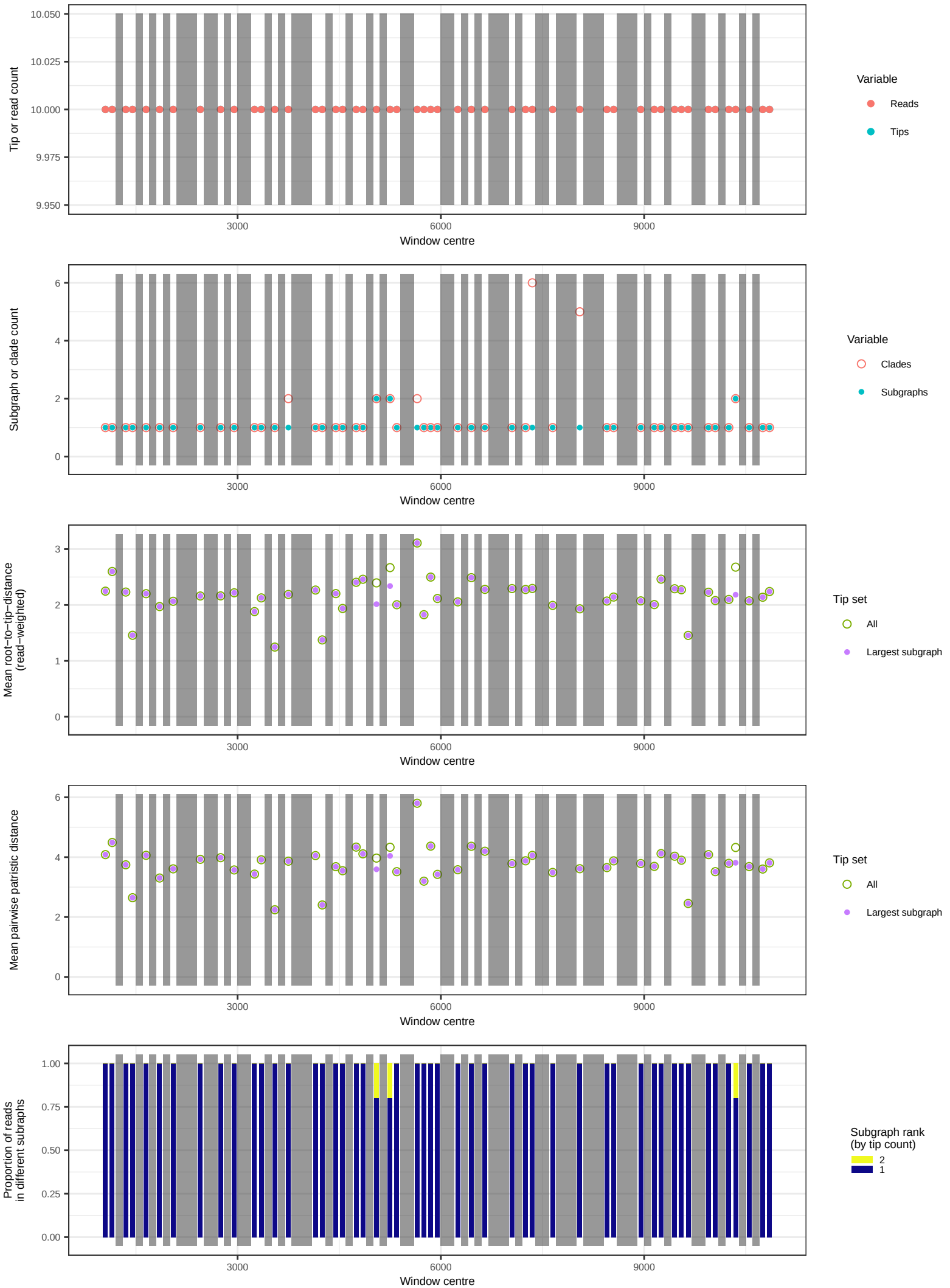
6000
9000
Window centre
Subgraph rank (by tip count)
1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Variable
Reads
Tips
Subgraph or clade count
6
4
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Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
1
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3000
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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
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0.25
0.00
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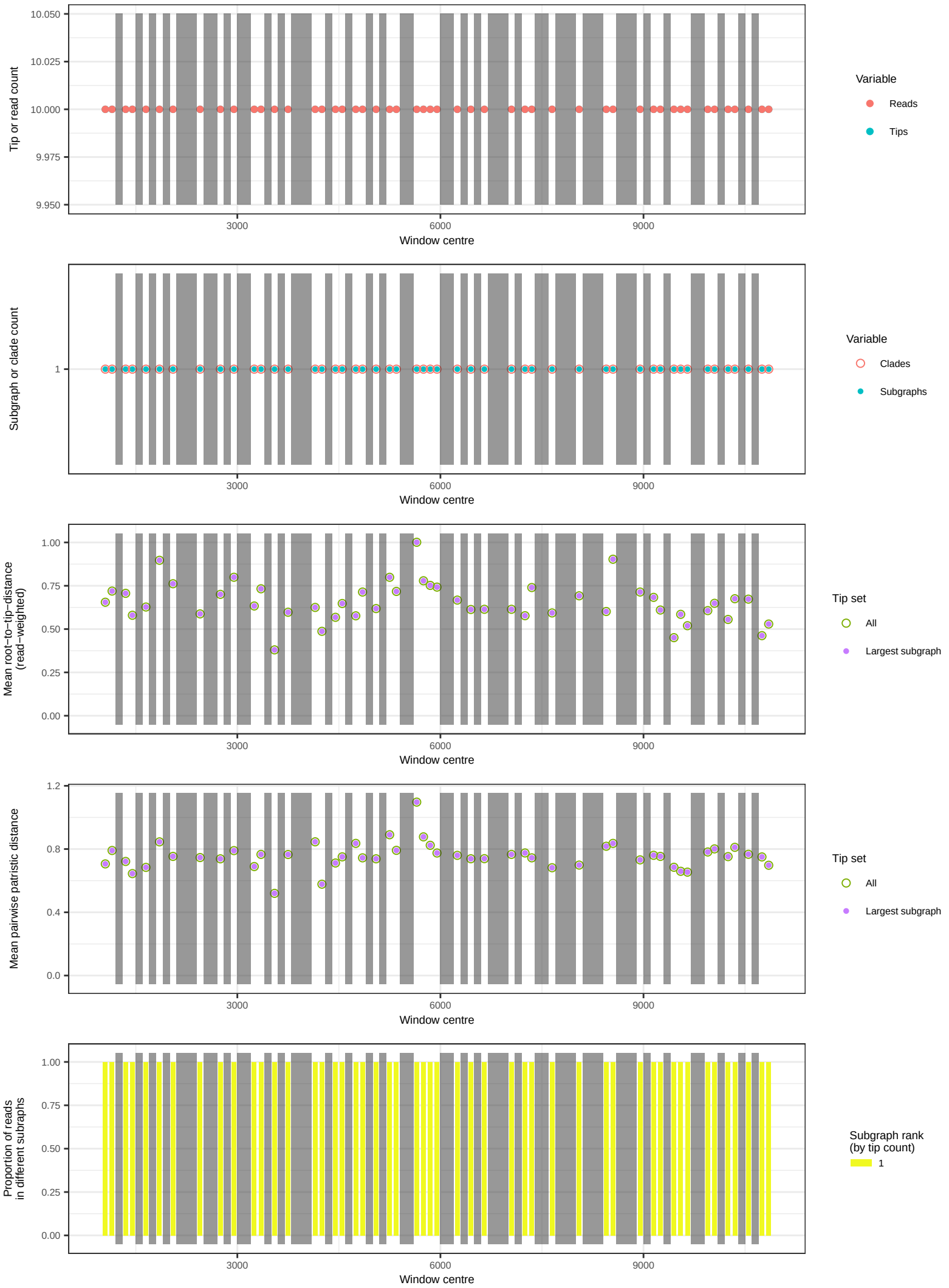
6000
9000
Window centre
Subgraph rank (by tip count)
2
1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Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
1.2
0.8
0.4
0.0
3000
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Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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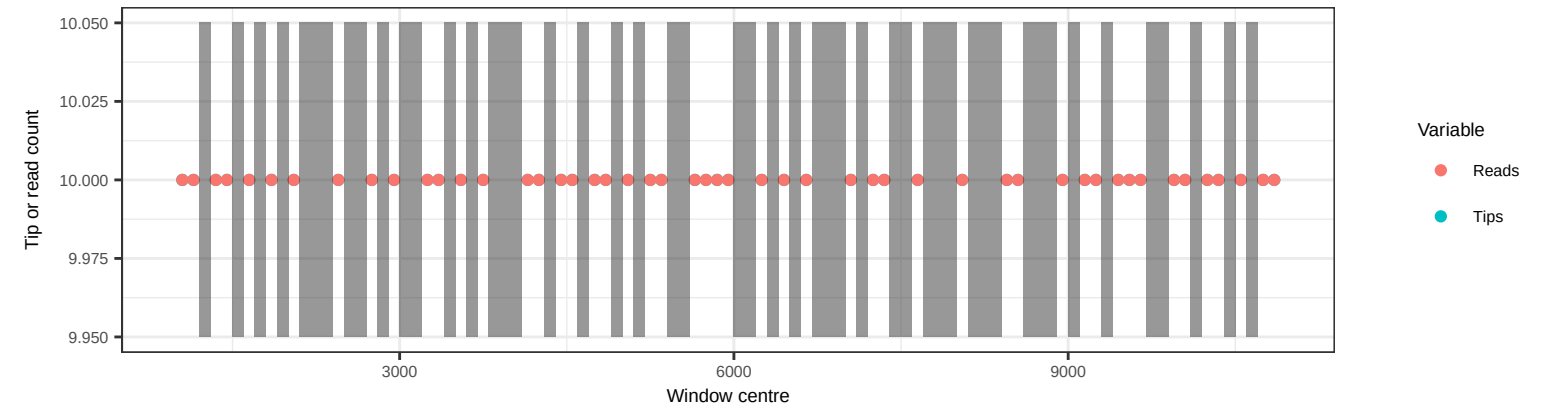
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

301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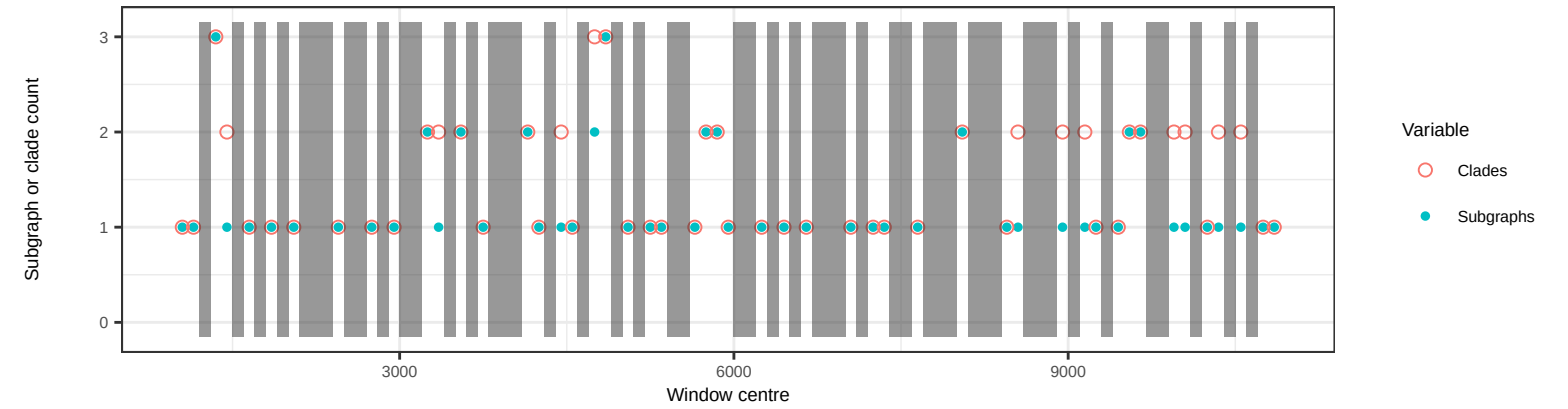
Window centre
Variable
Reads
Tips


Subgraph or clade count
3
2
1
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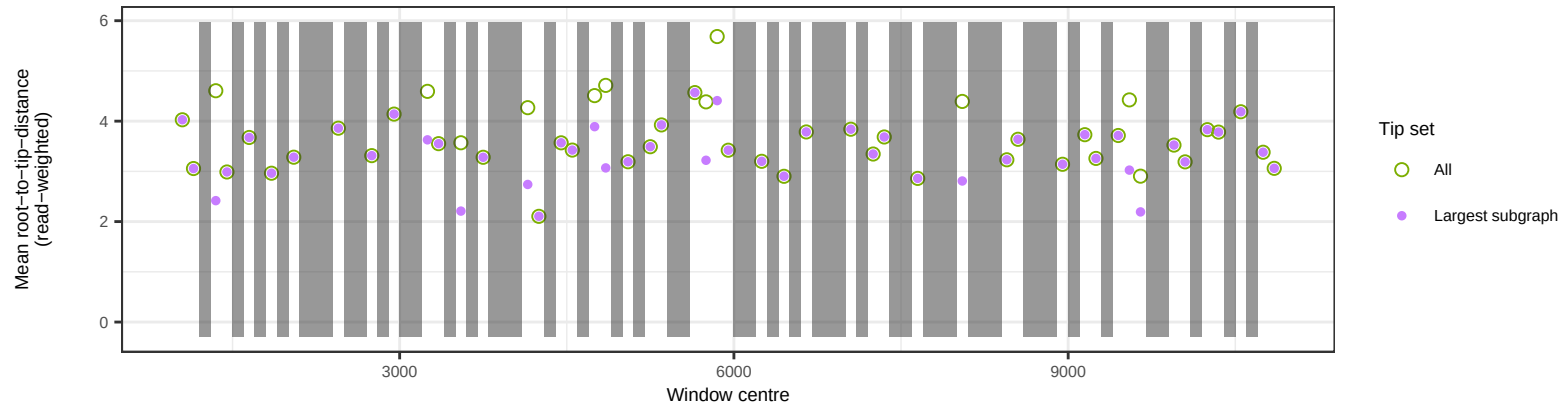
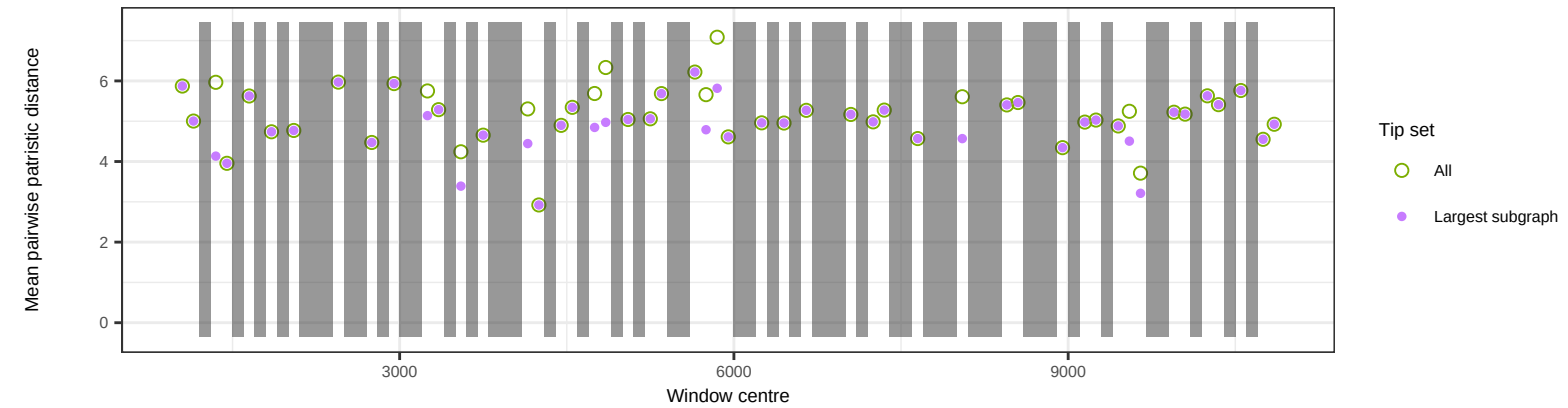
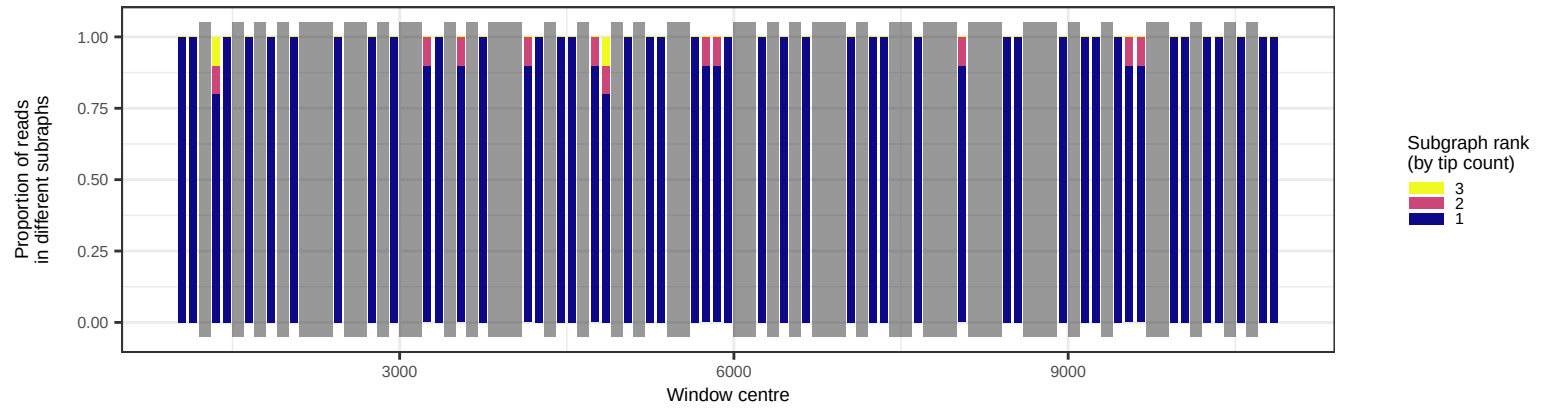
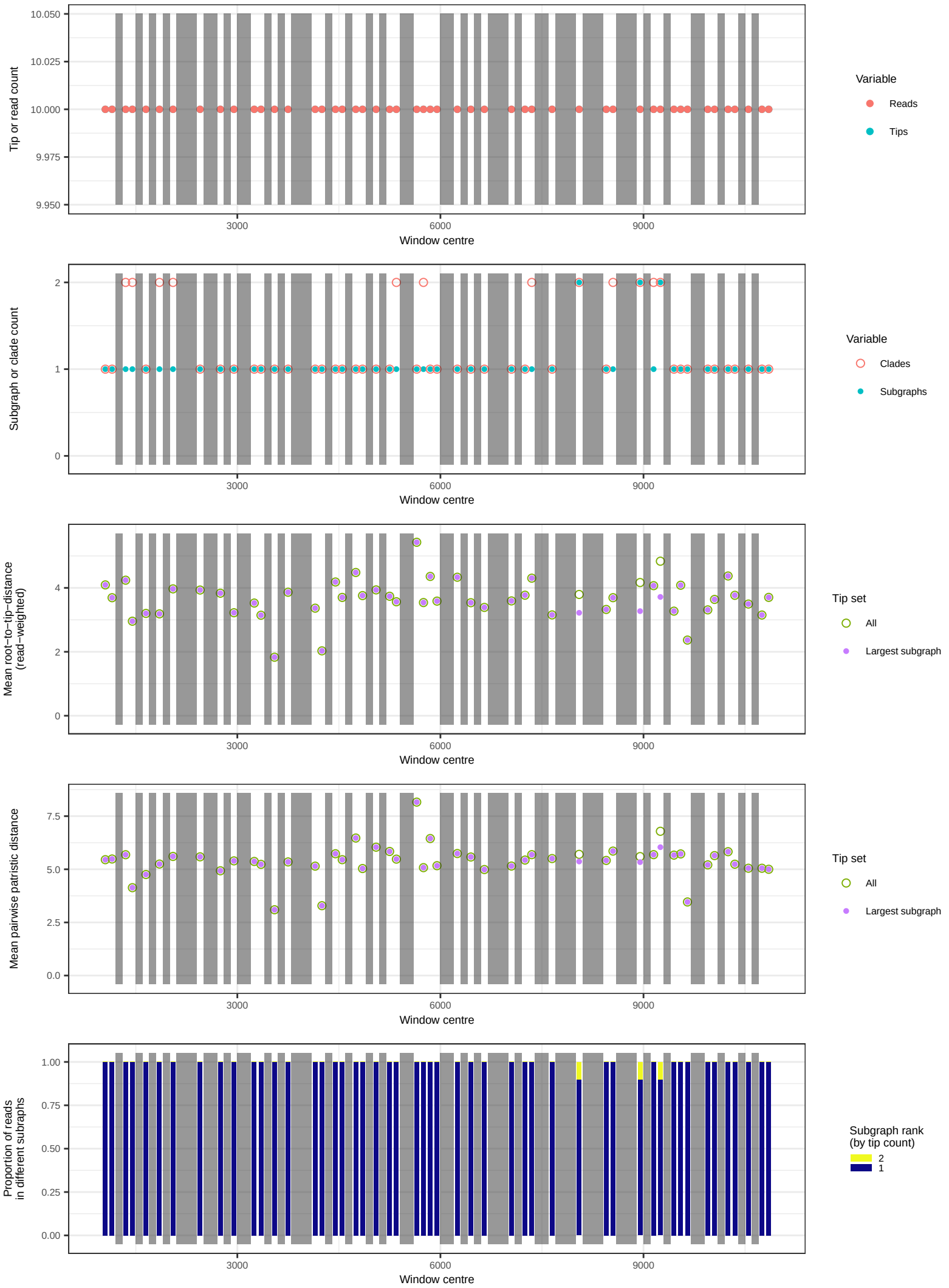
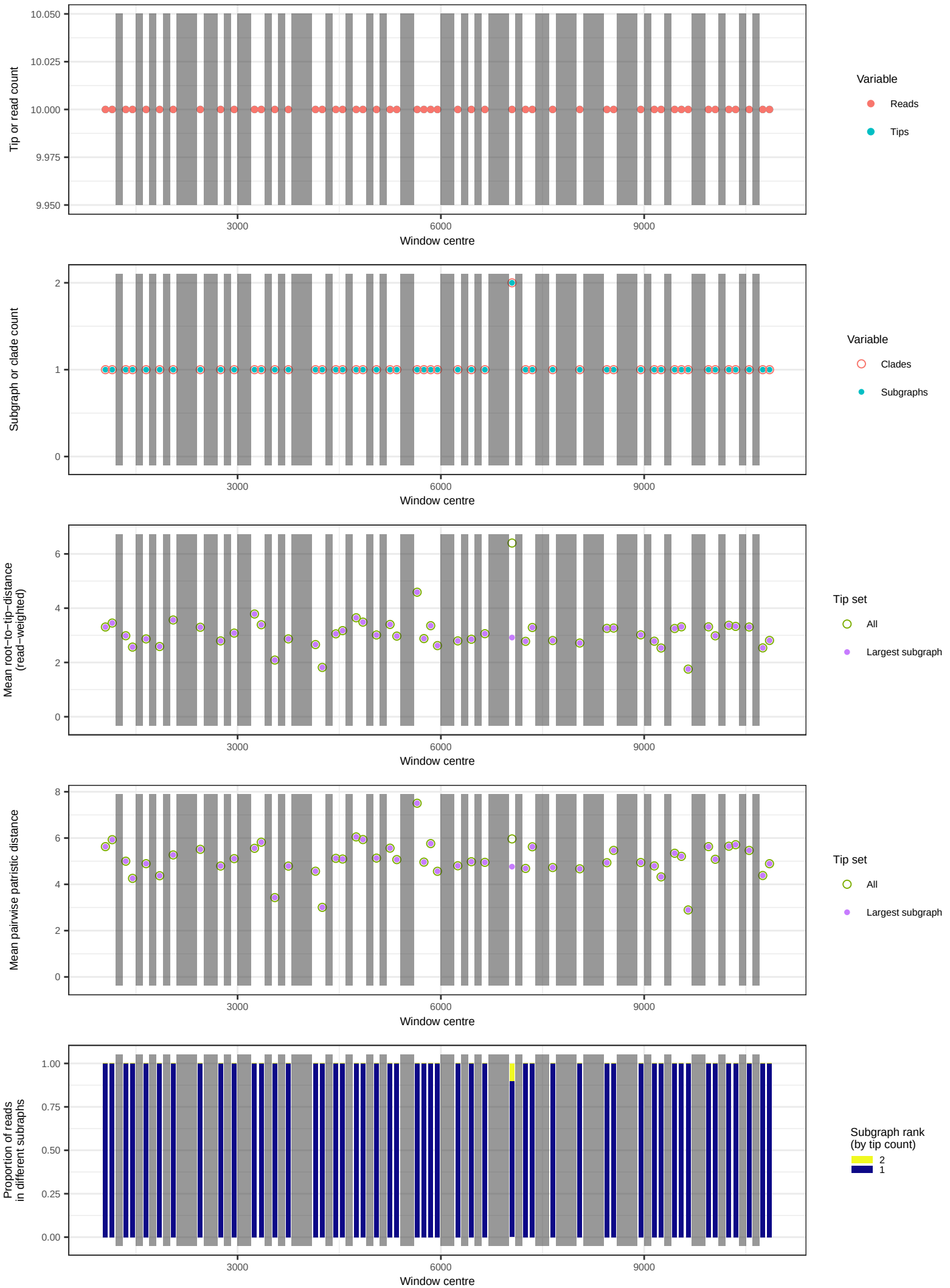
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

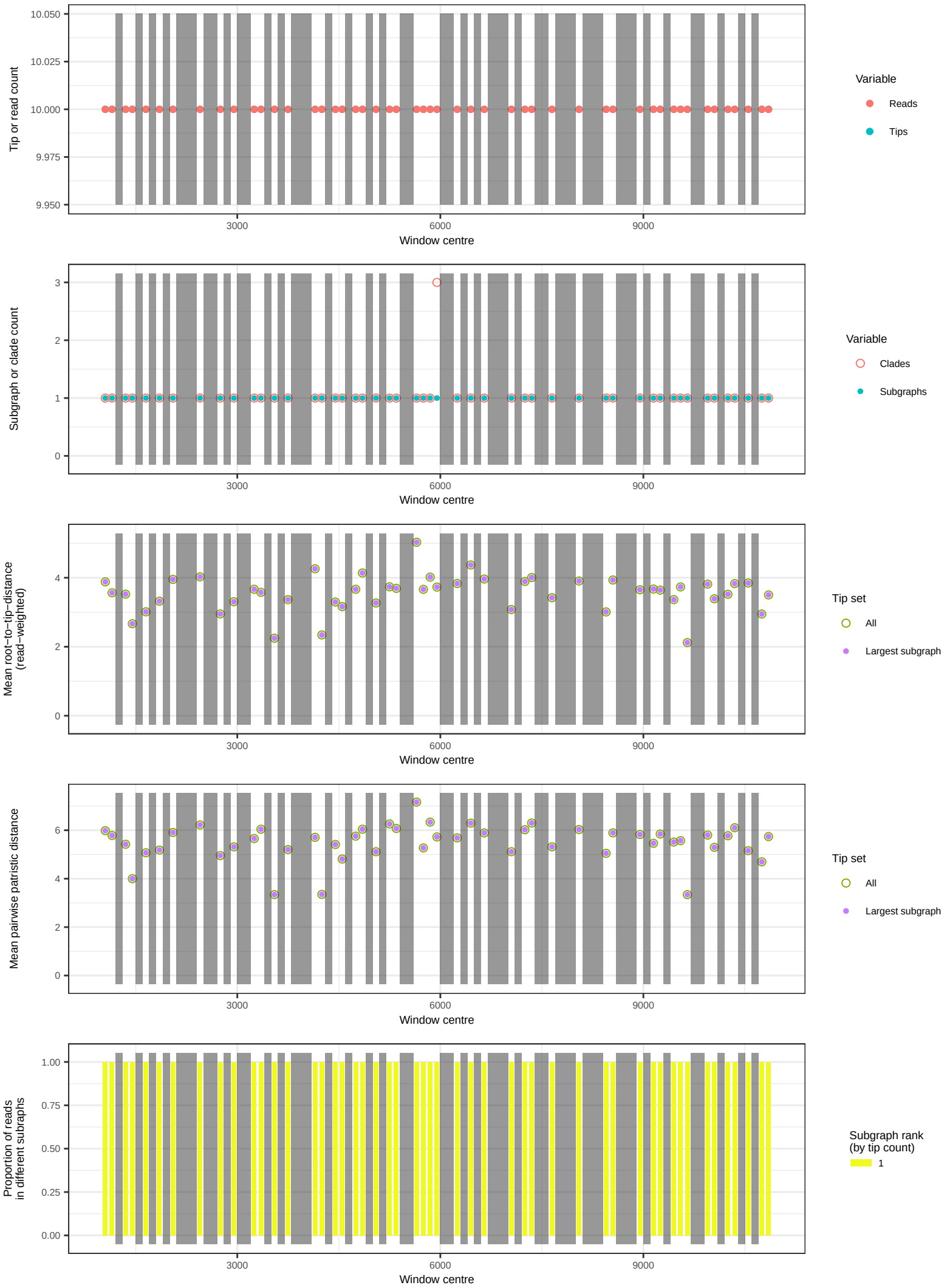

Mean root−to−tip−distance
(read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Mean pairwise patristic distance
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)
3
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
2
1
0
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
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)
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
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
8
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)
2
1


Tip or read count
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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)
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
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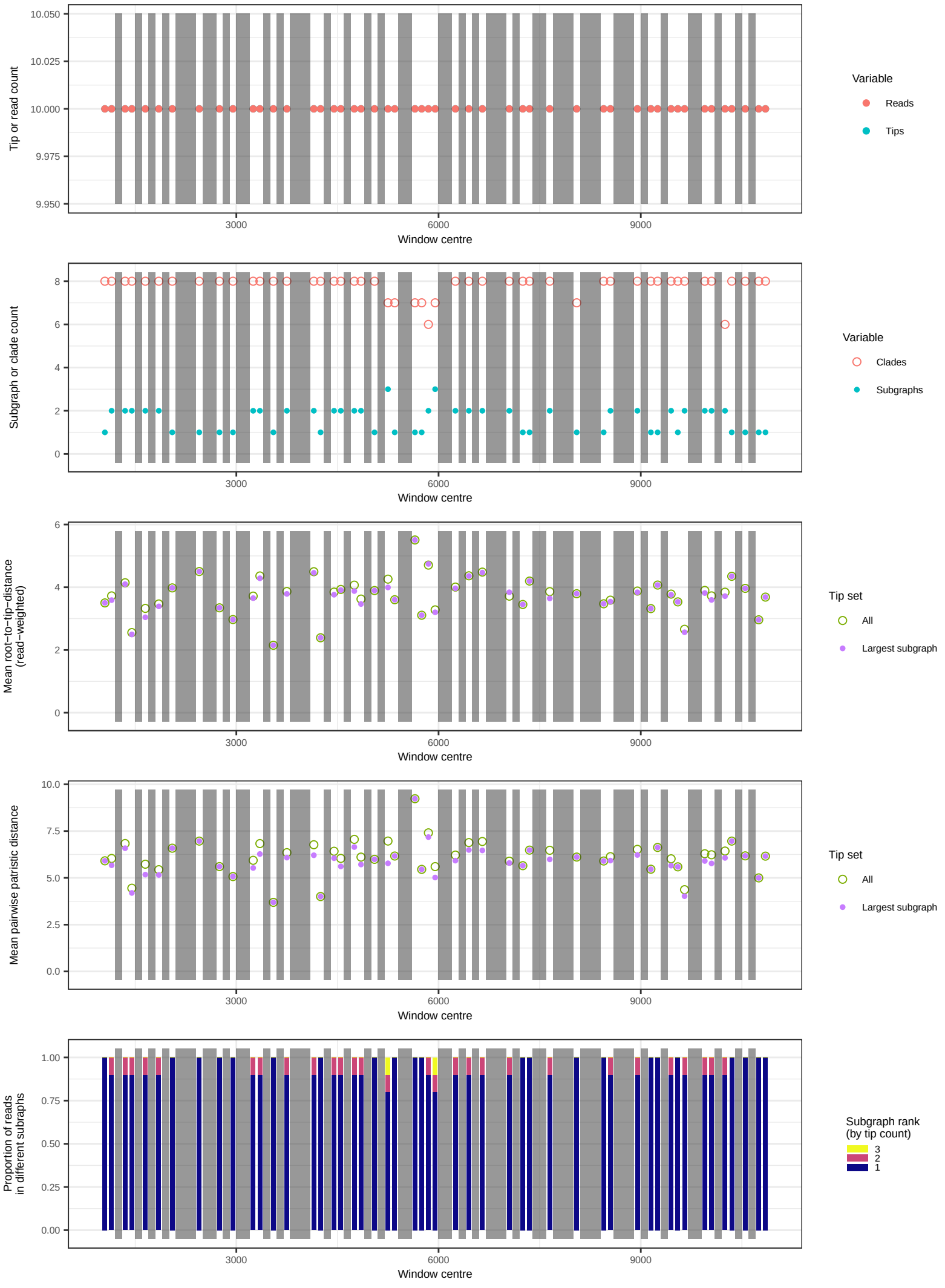
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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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)
6
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
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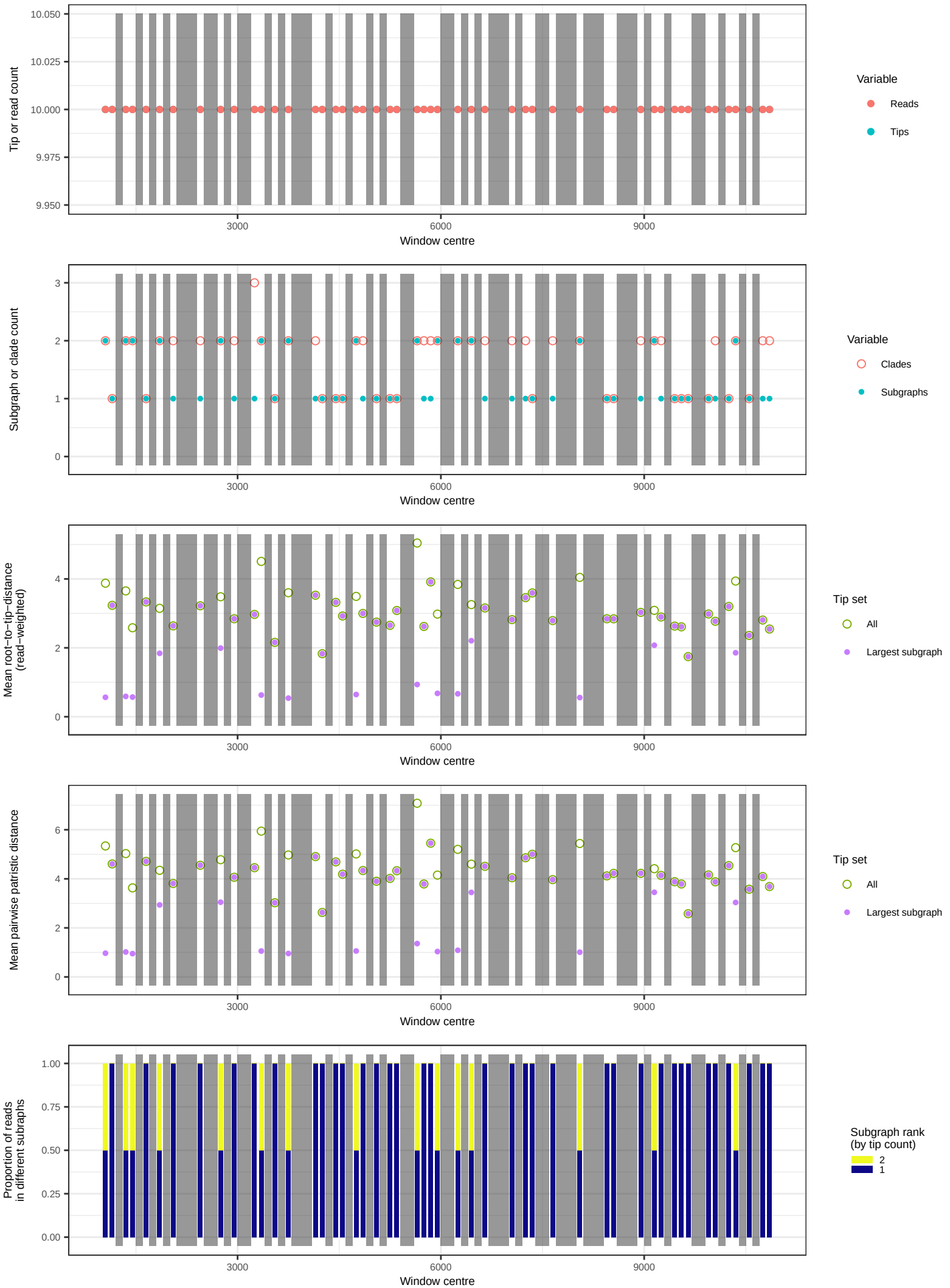
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
3
2
1


Tip or read count
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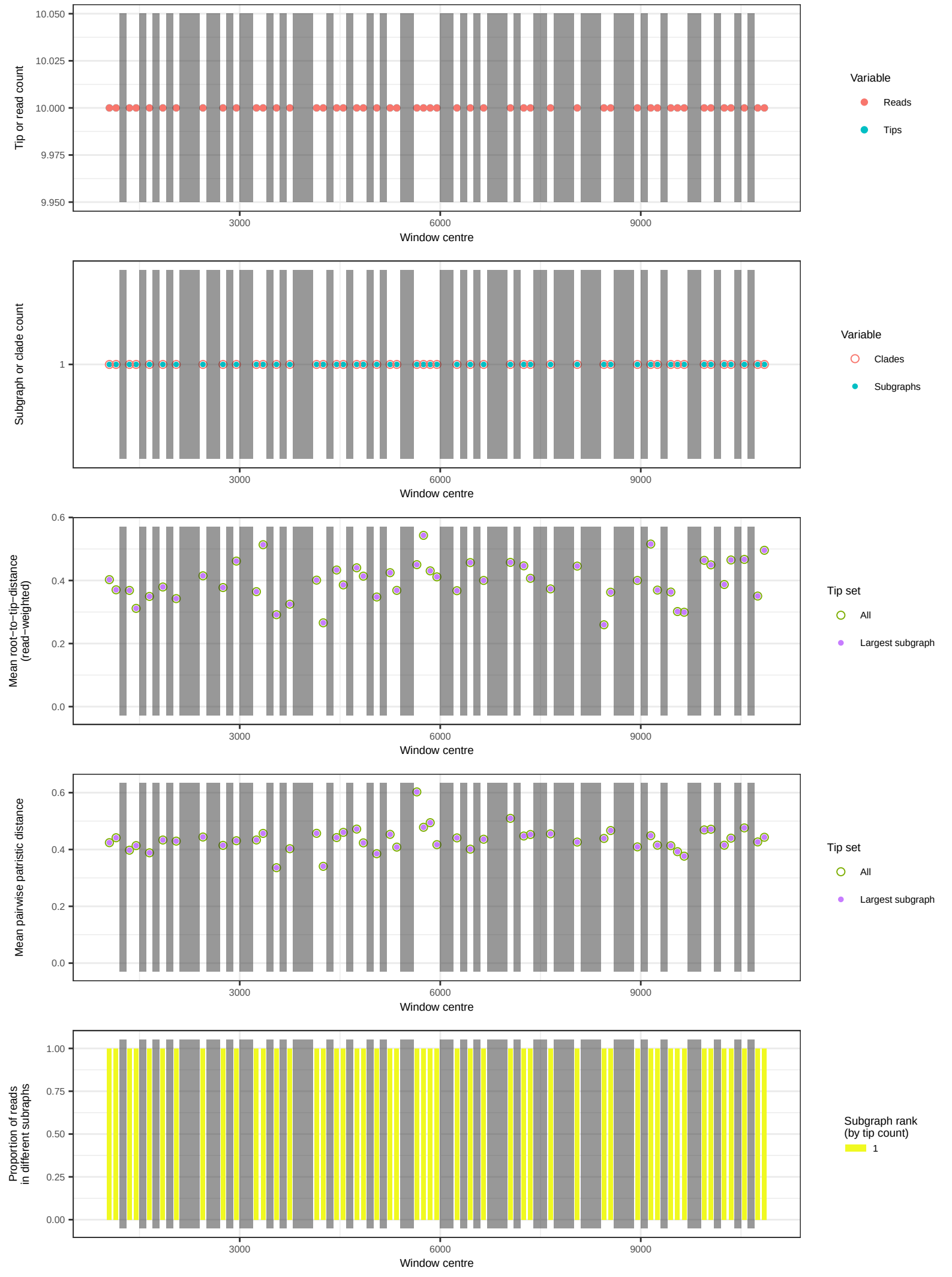
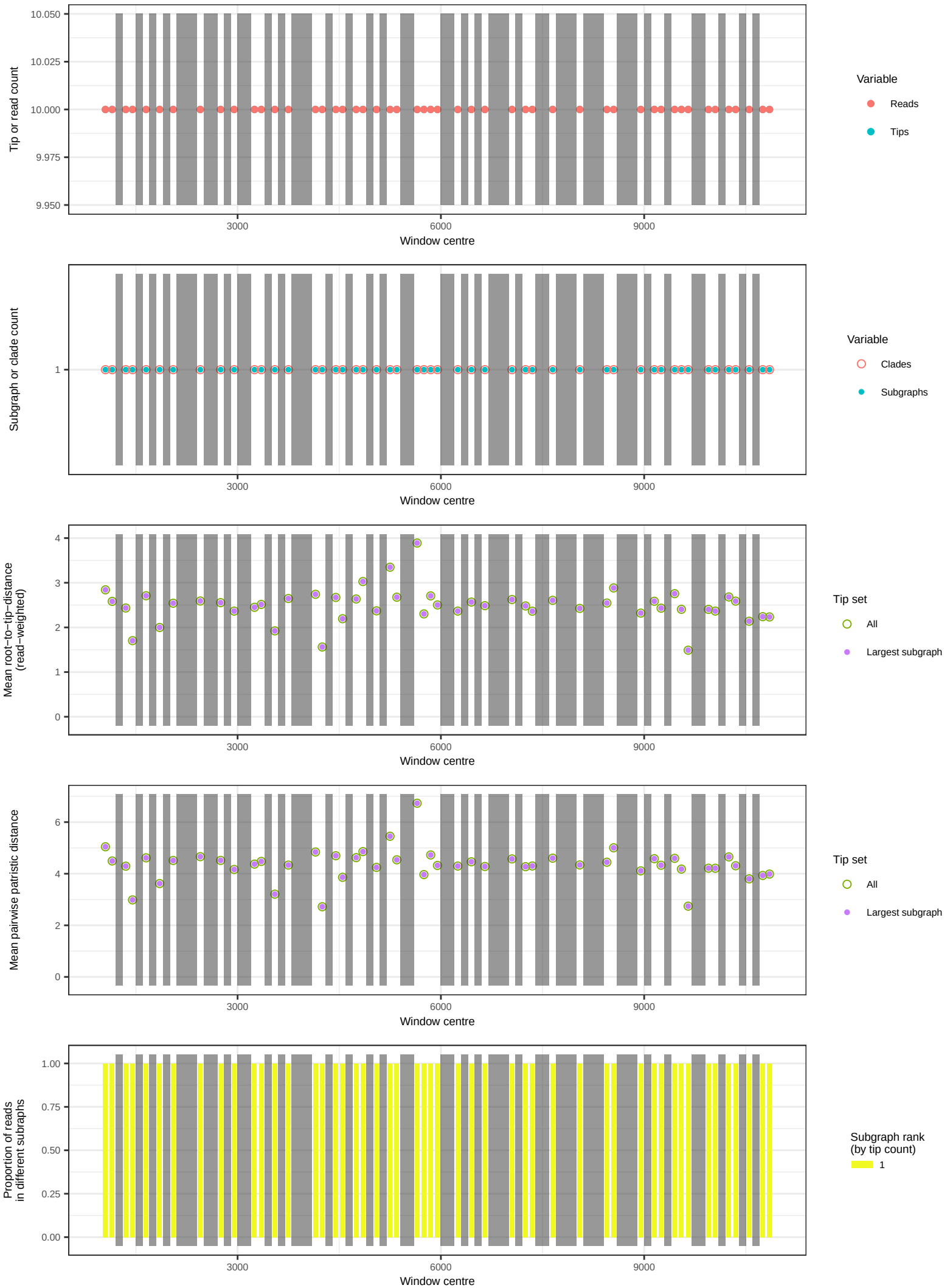
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
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)
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)
0.6
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
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
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
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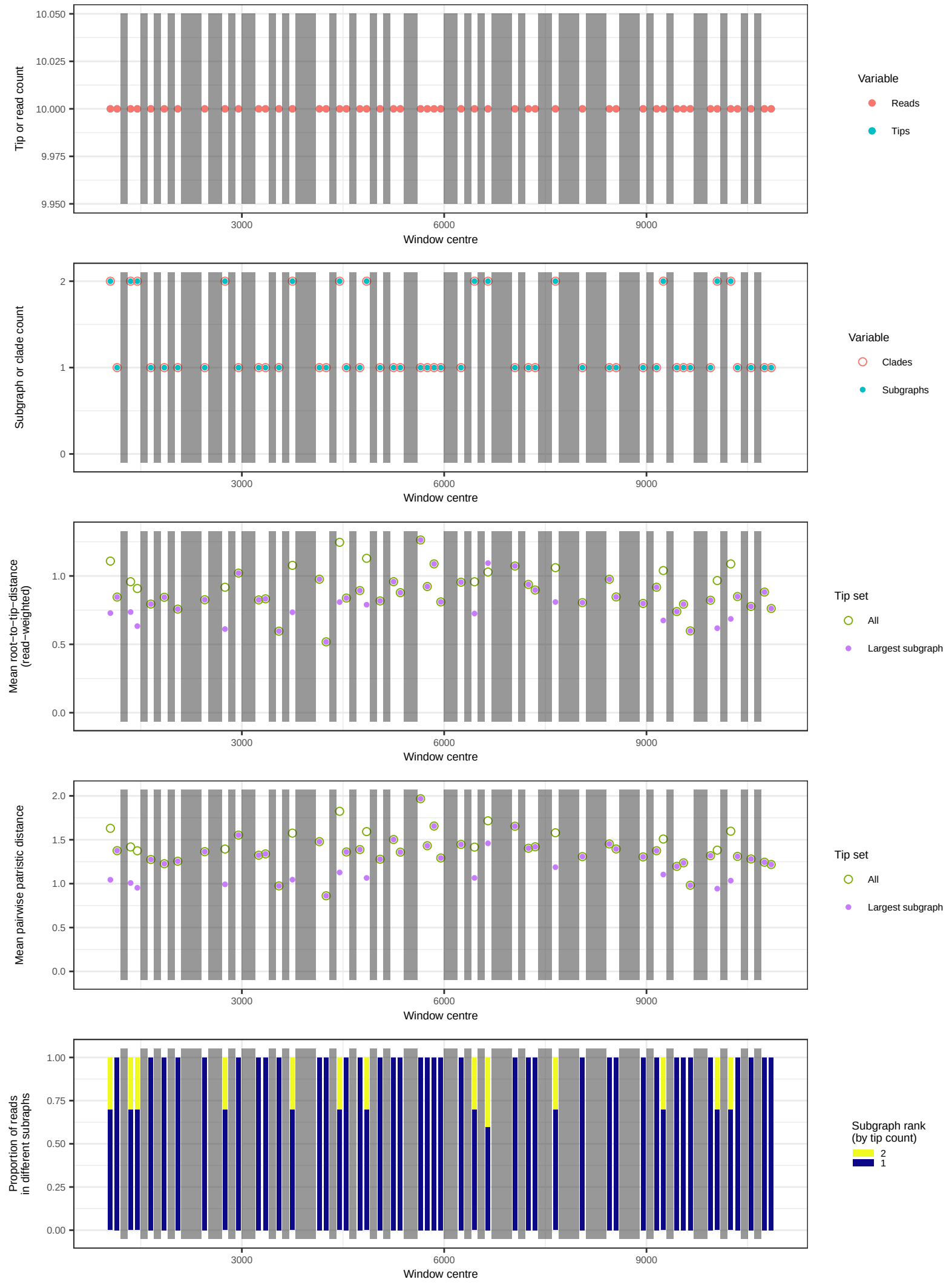
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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10.025
10.000
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9.950
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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)
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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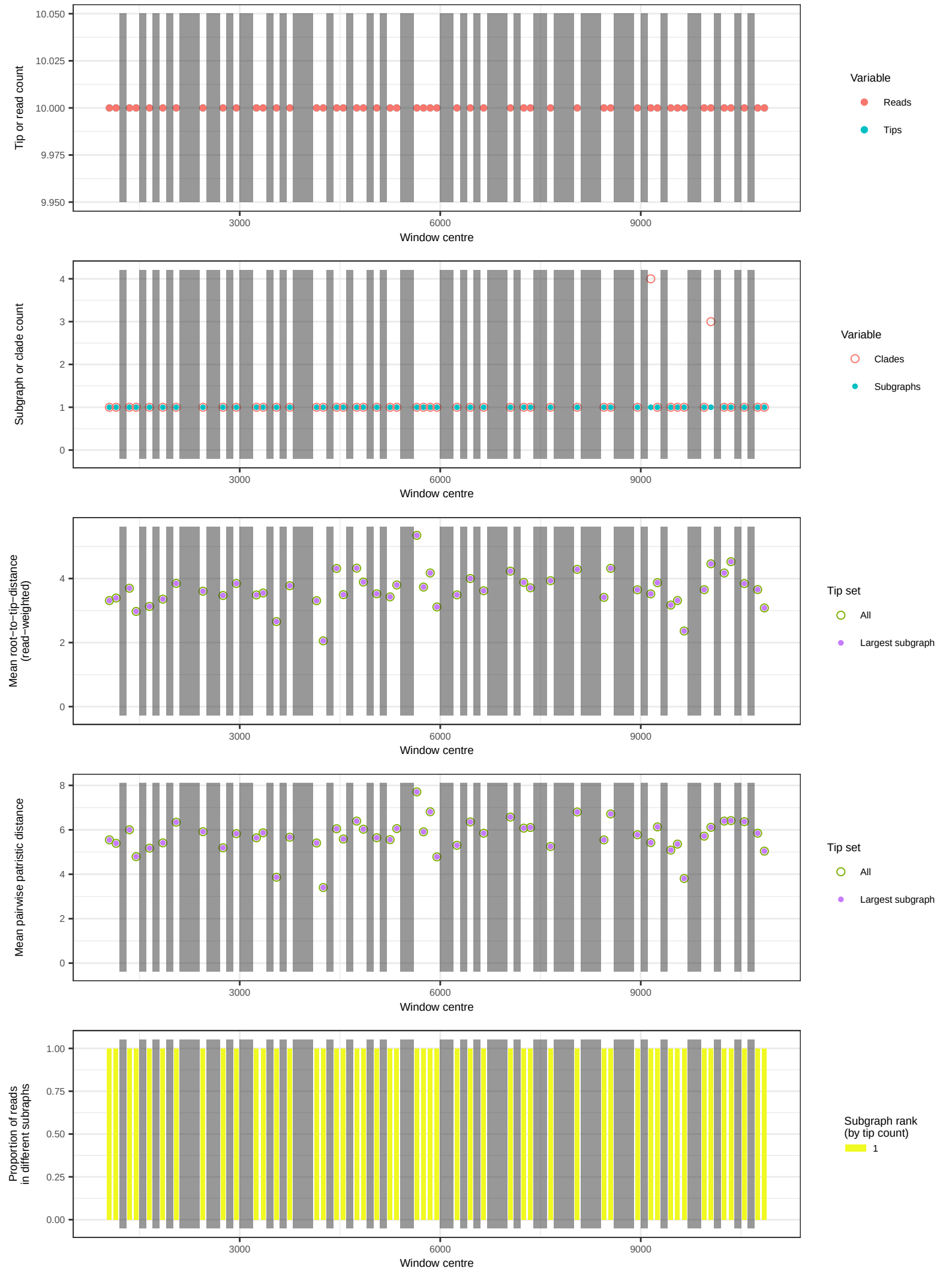
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1


Tip or read count
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Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
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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
8
6
4
2
0
3000
6000
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Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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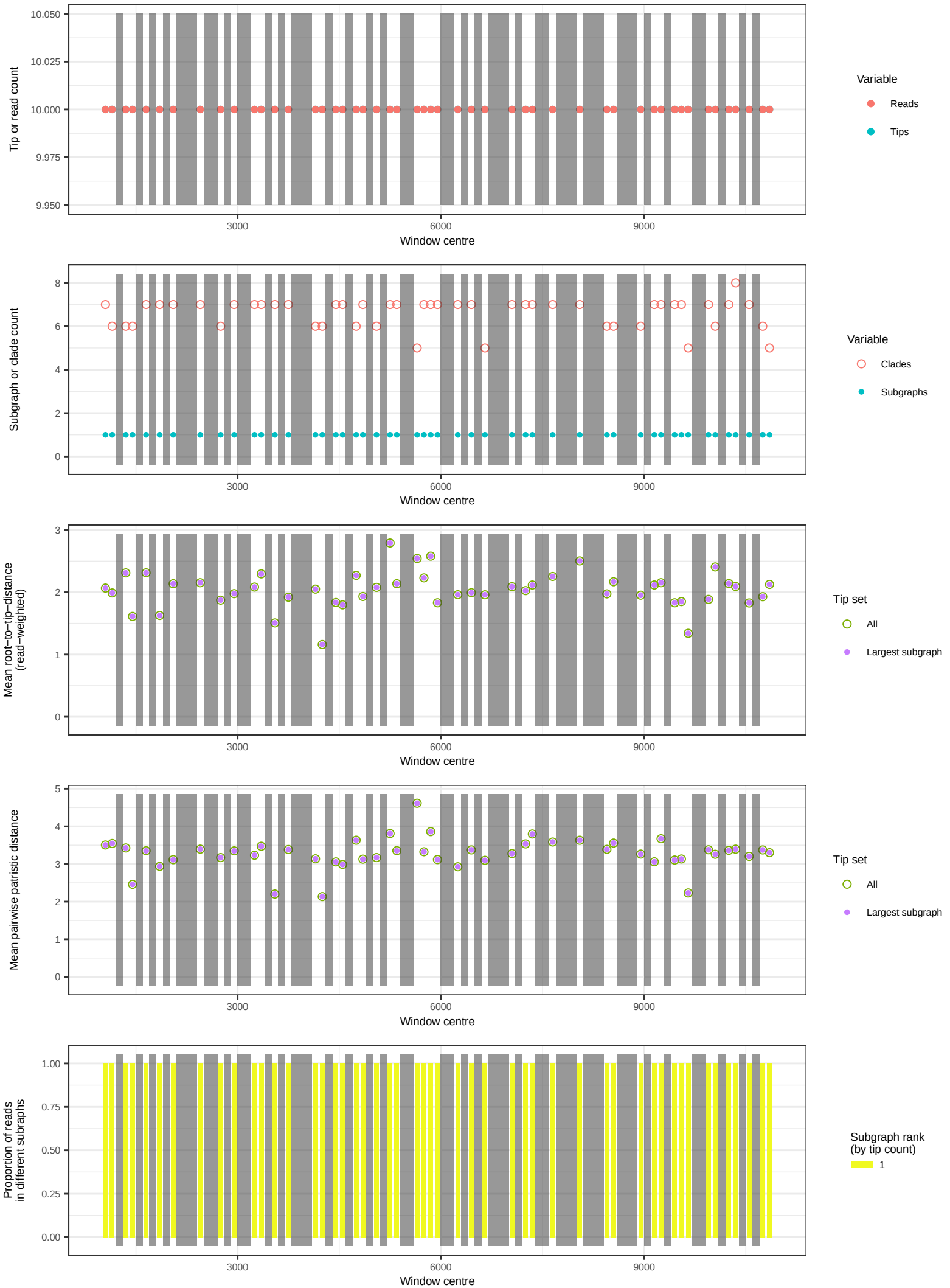
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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Reads
Tips
Subgraph or clade count
8
6
4
2
0
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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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0.50
0.25
0.00
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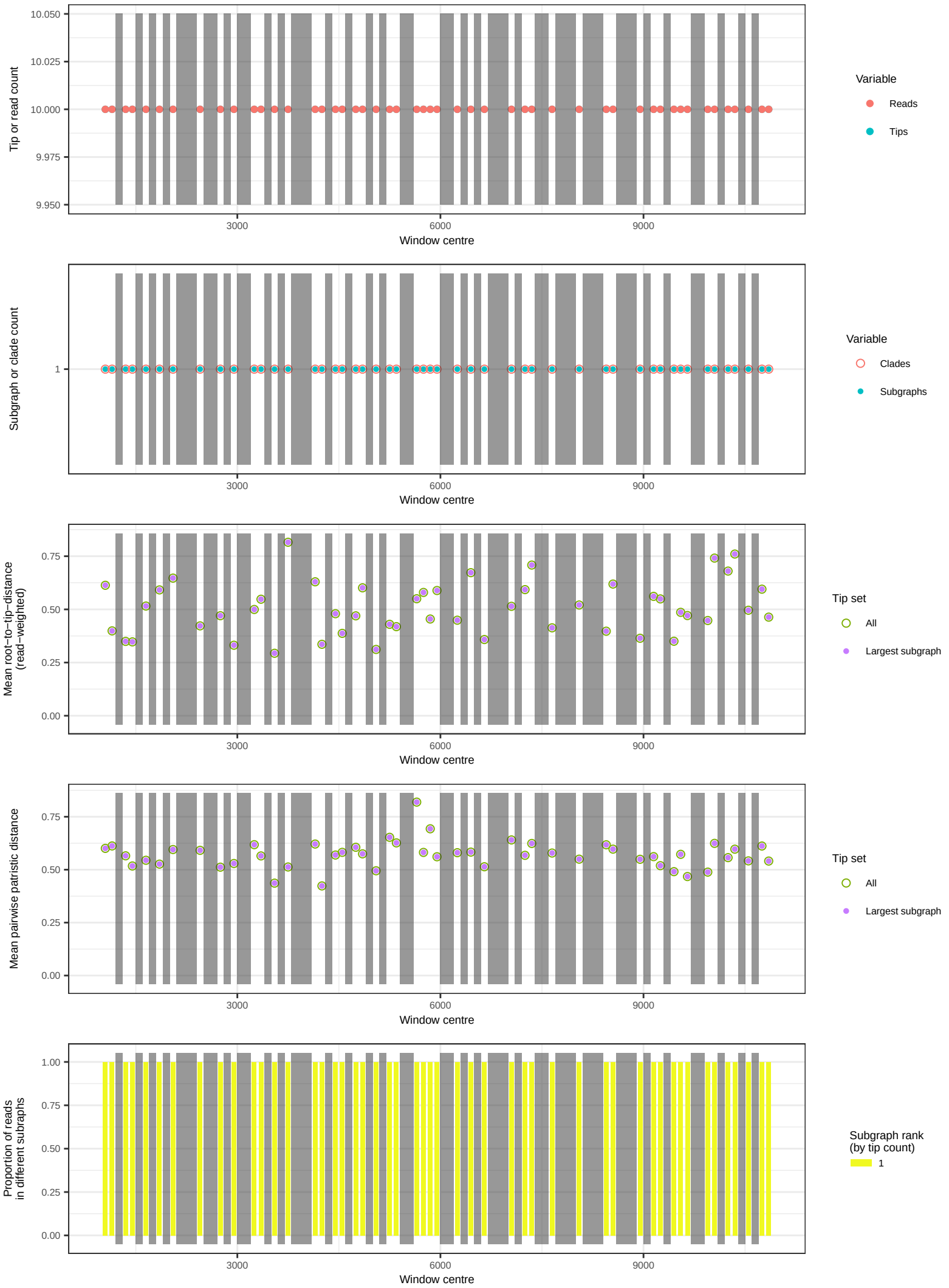
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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10.025
10.000
9.975
9.950
3000
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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
0.75
0.50
0.25
0.00
3000
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9000
Window centre
Tip set
All
Largest subgraph
Proportion of reads in different subraphs
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0.25
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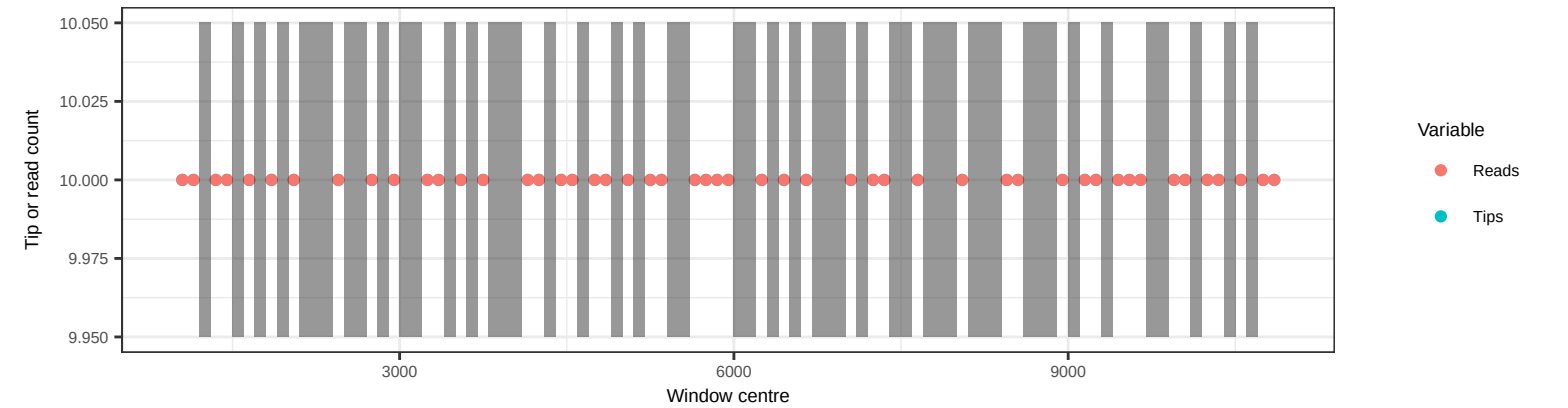
6000
9000
Window centre
Subgraph rank (by tip count)
1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10.000
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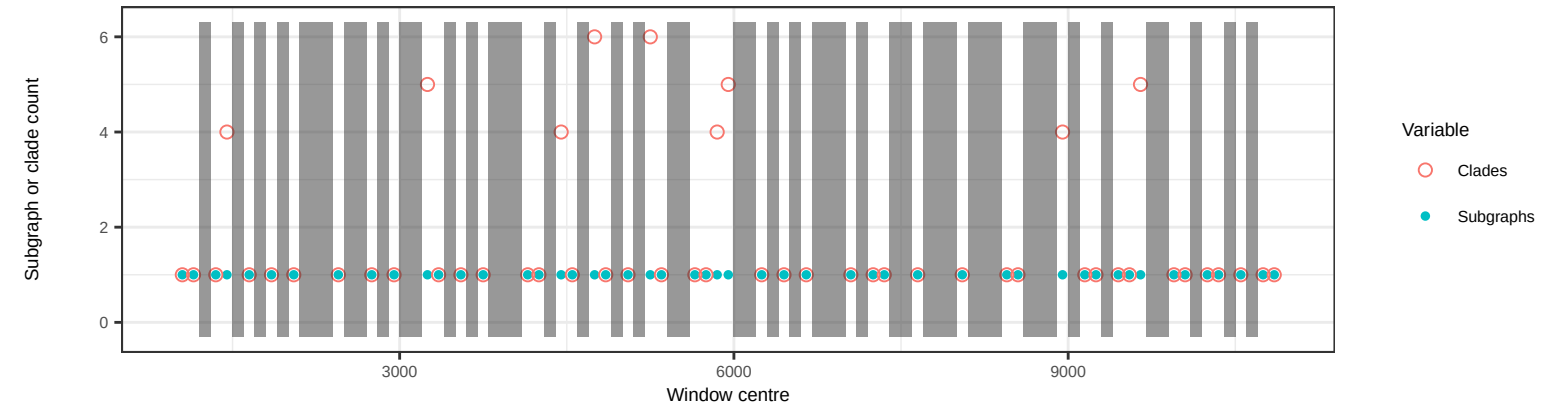
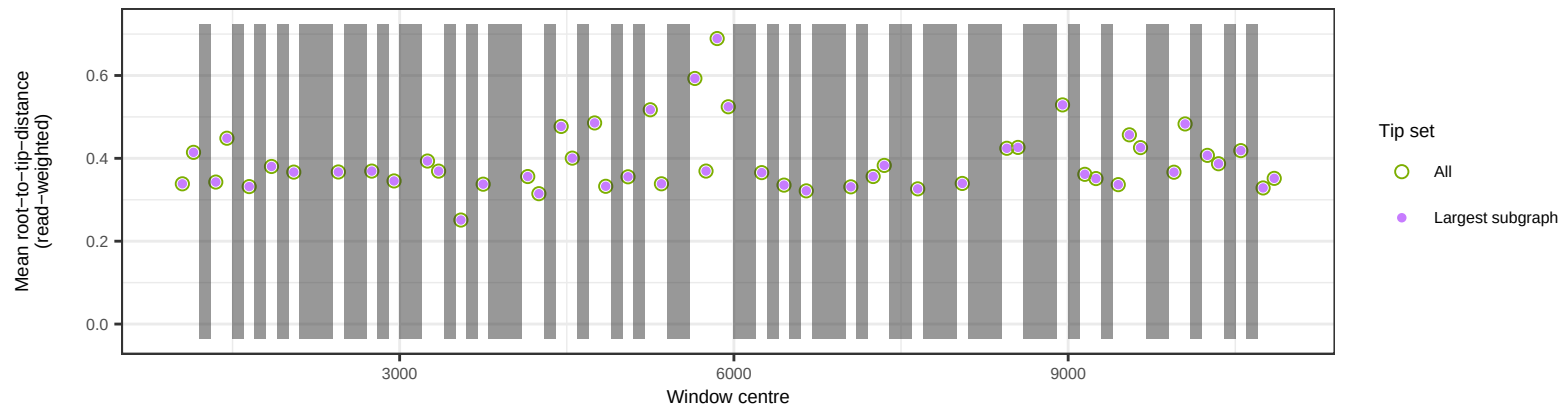
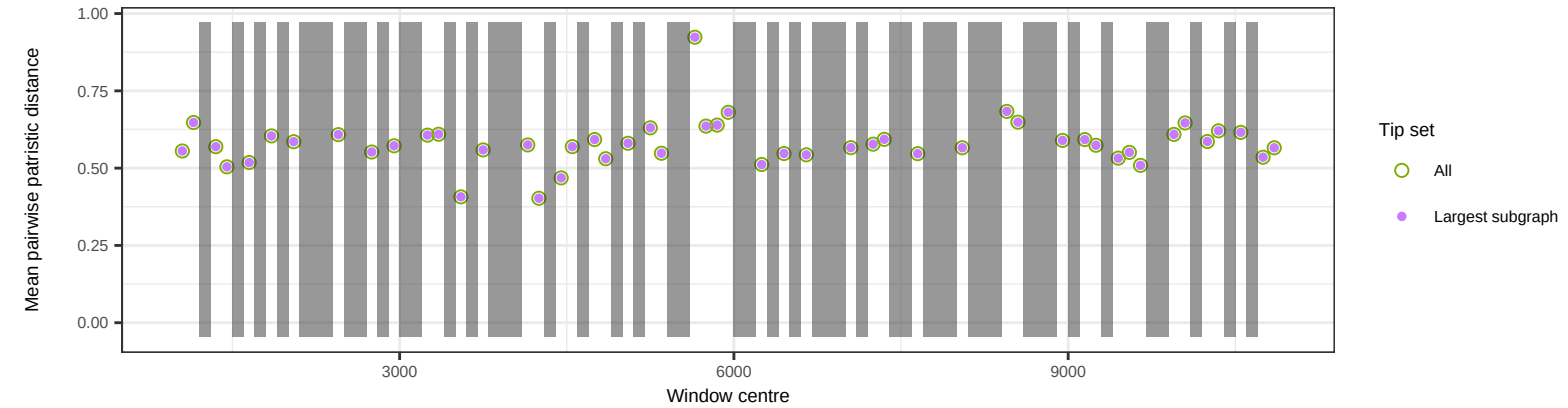
9000
Window centre
Variable
Reads
Tips


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


Mean root−to−tip−distance
(read−weighted)
0.6
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
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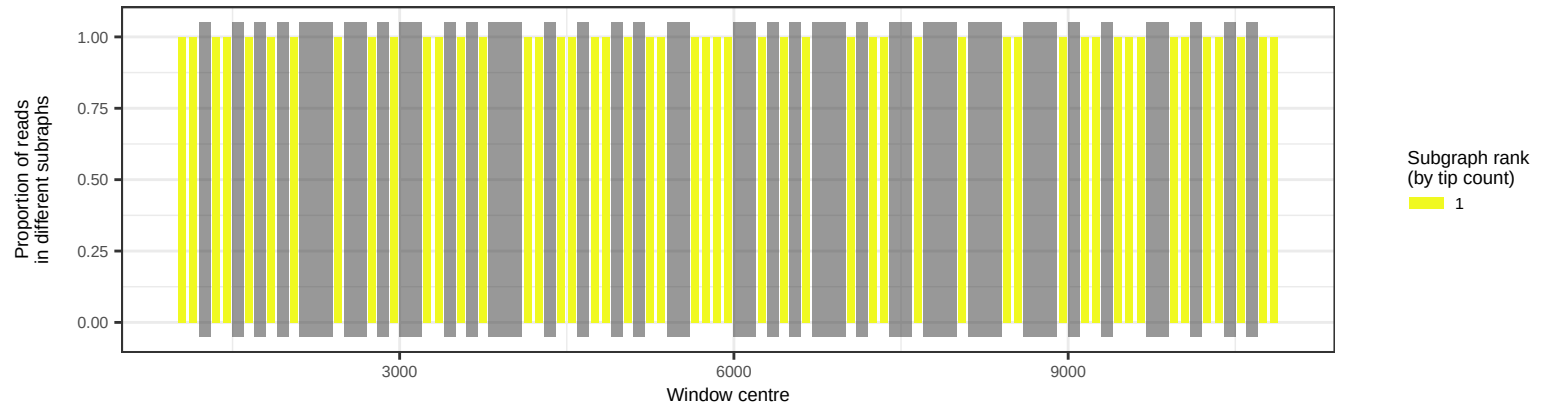
6000
9000
Window centre
Tip set
All
Largest subgraph


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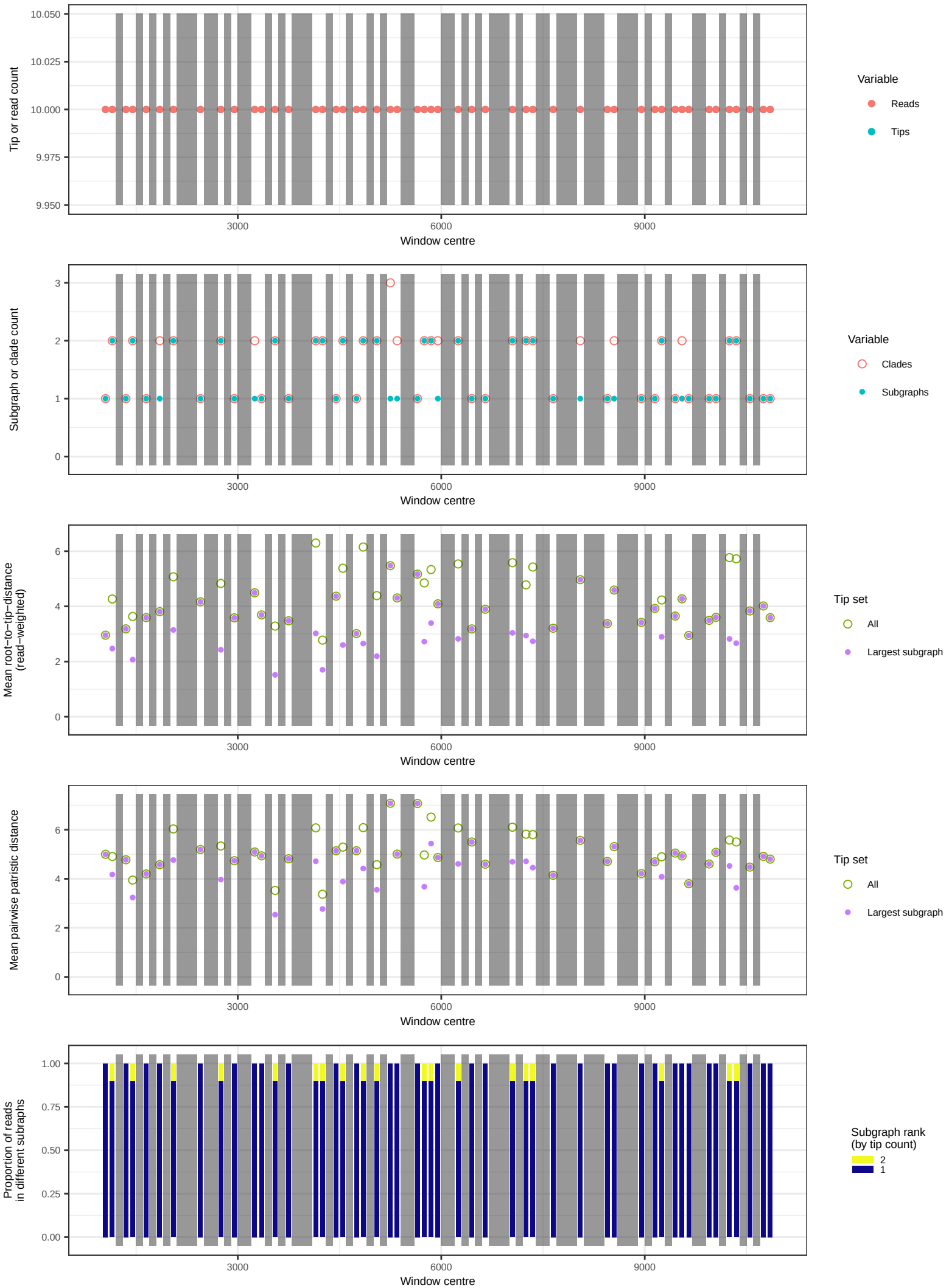
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1


Tip or read count
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10.025
10.000
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9.950
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)
6
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
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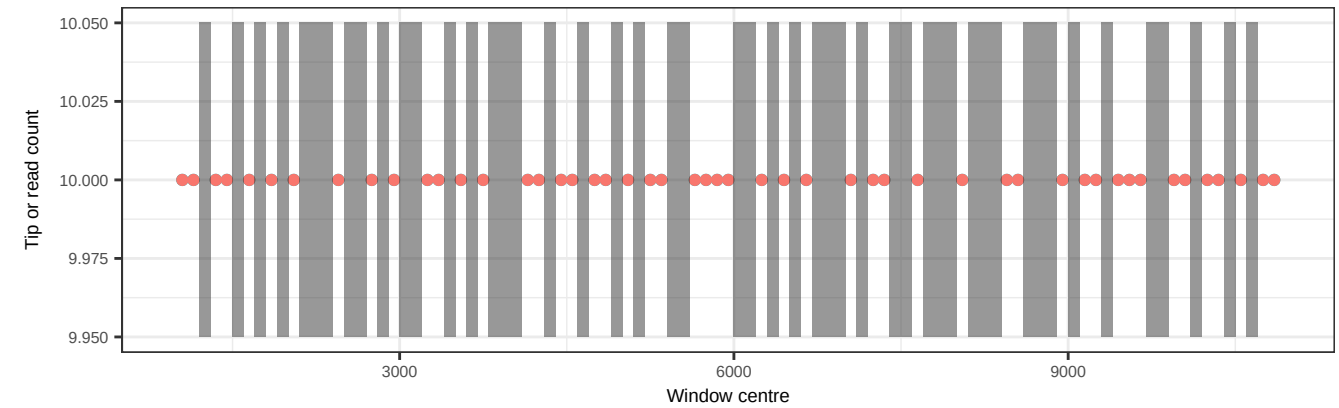
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
2
1

400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10.025
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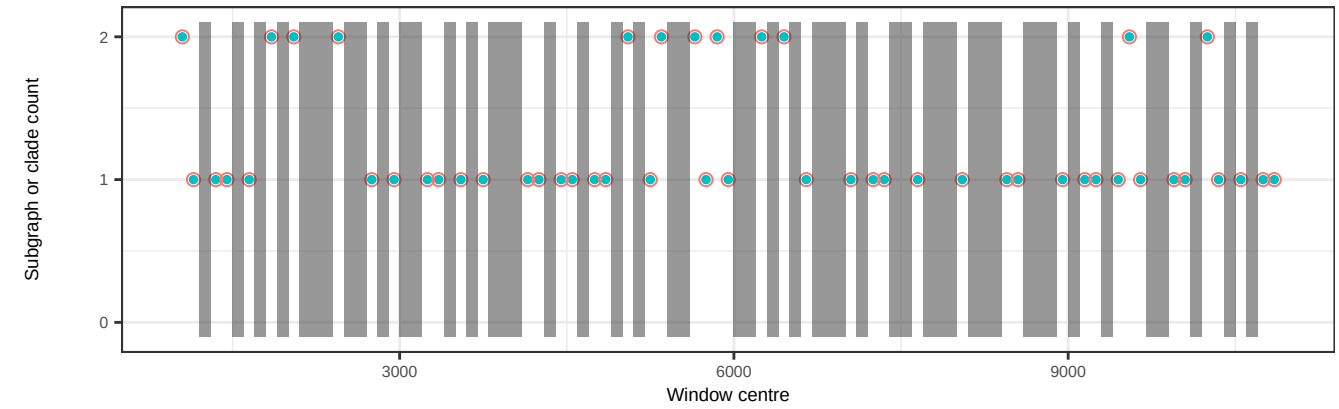
9000
Window centre
Variable
Reads
Tips


Subgraph or clade count
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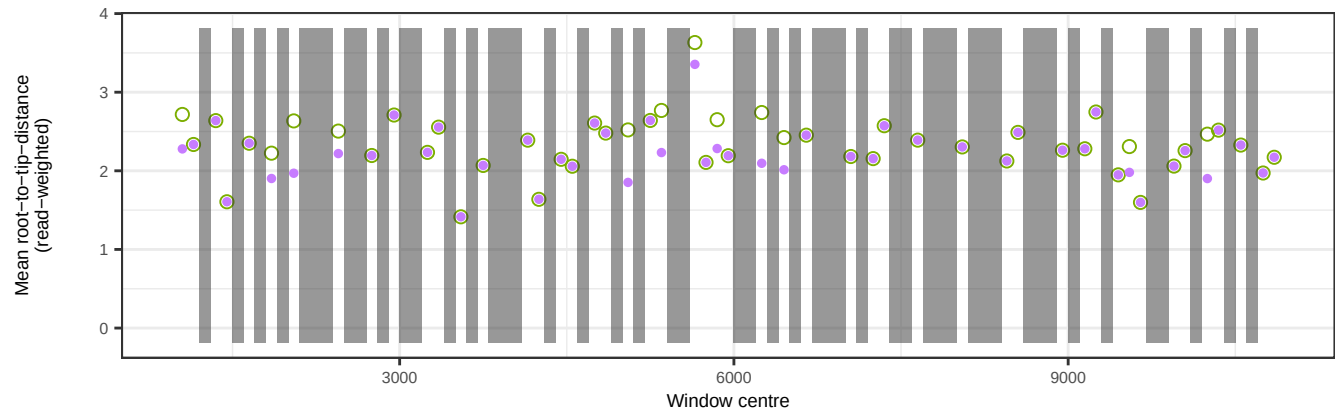
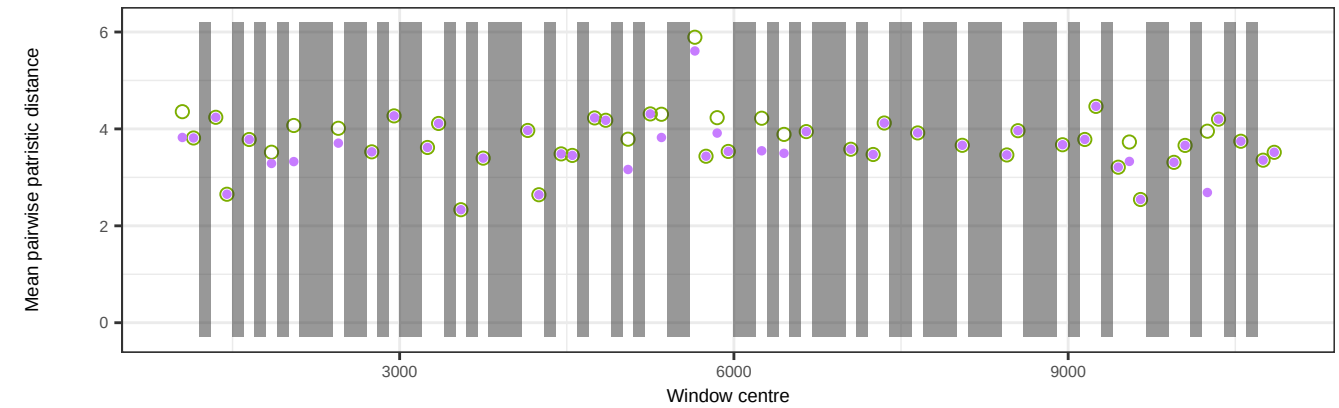
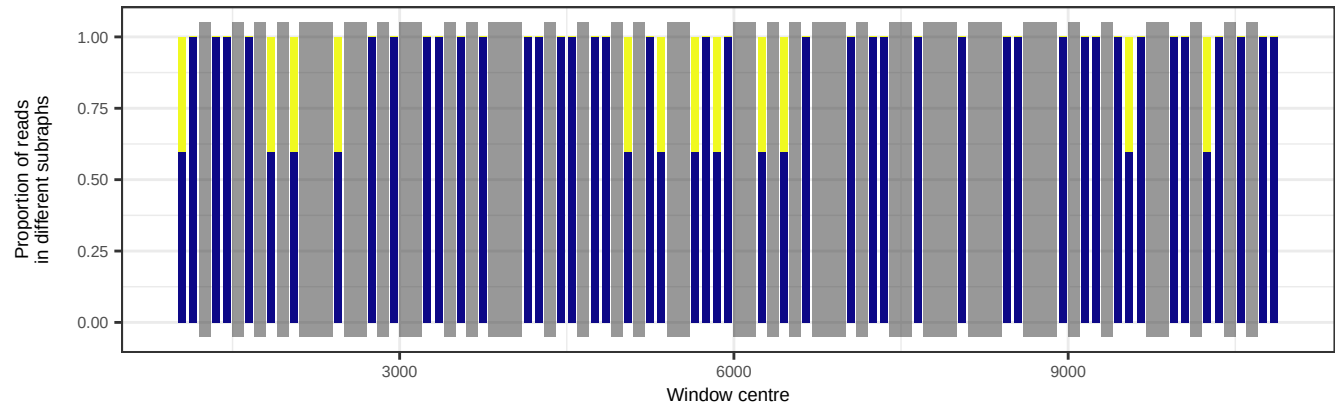
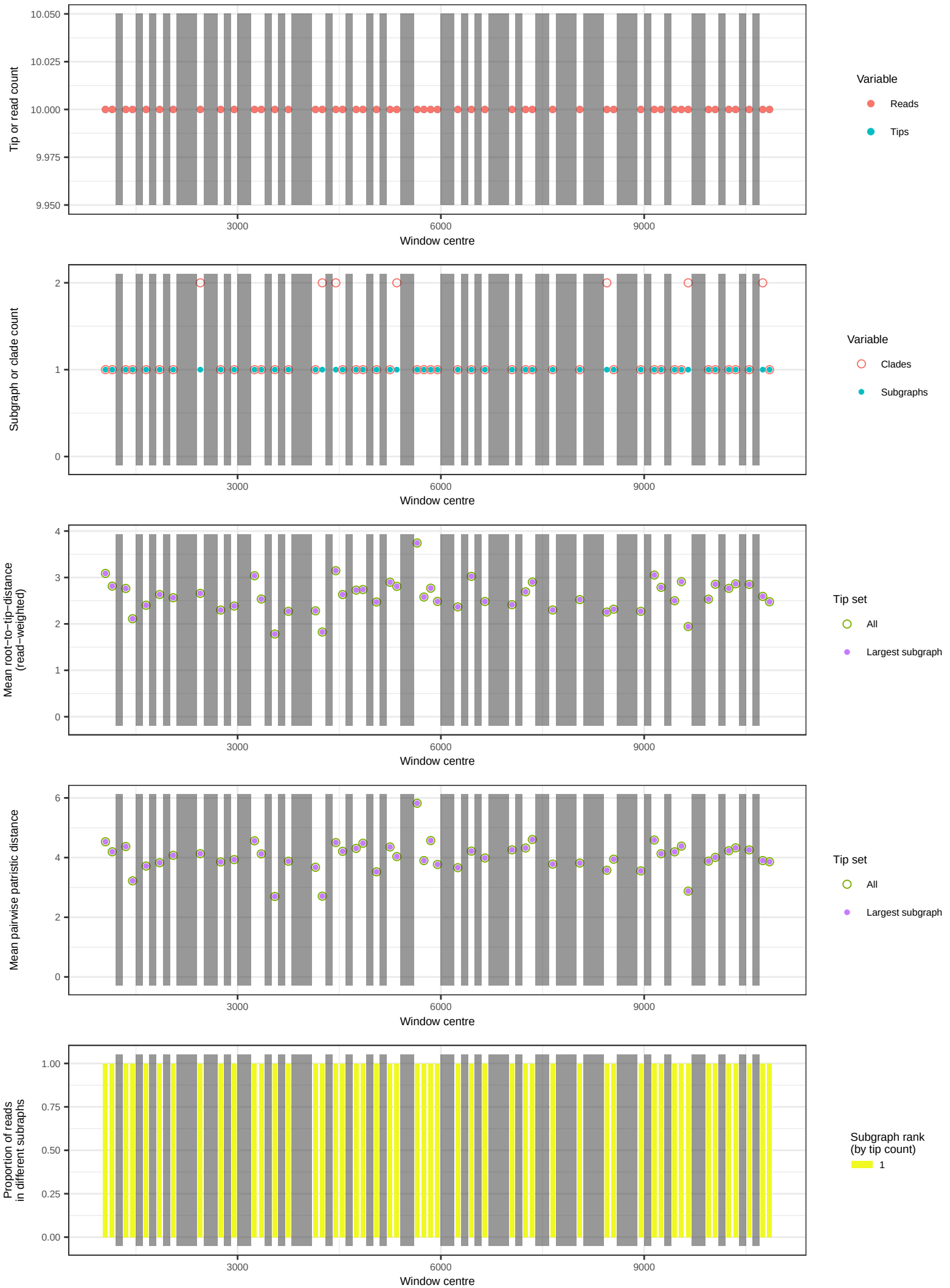
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs


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)
2
1


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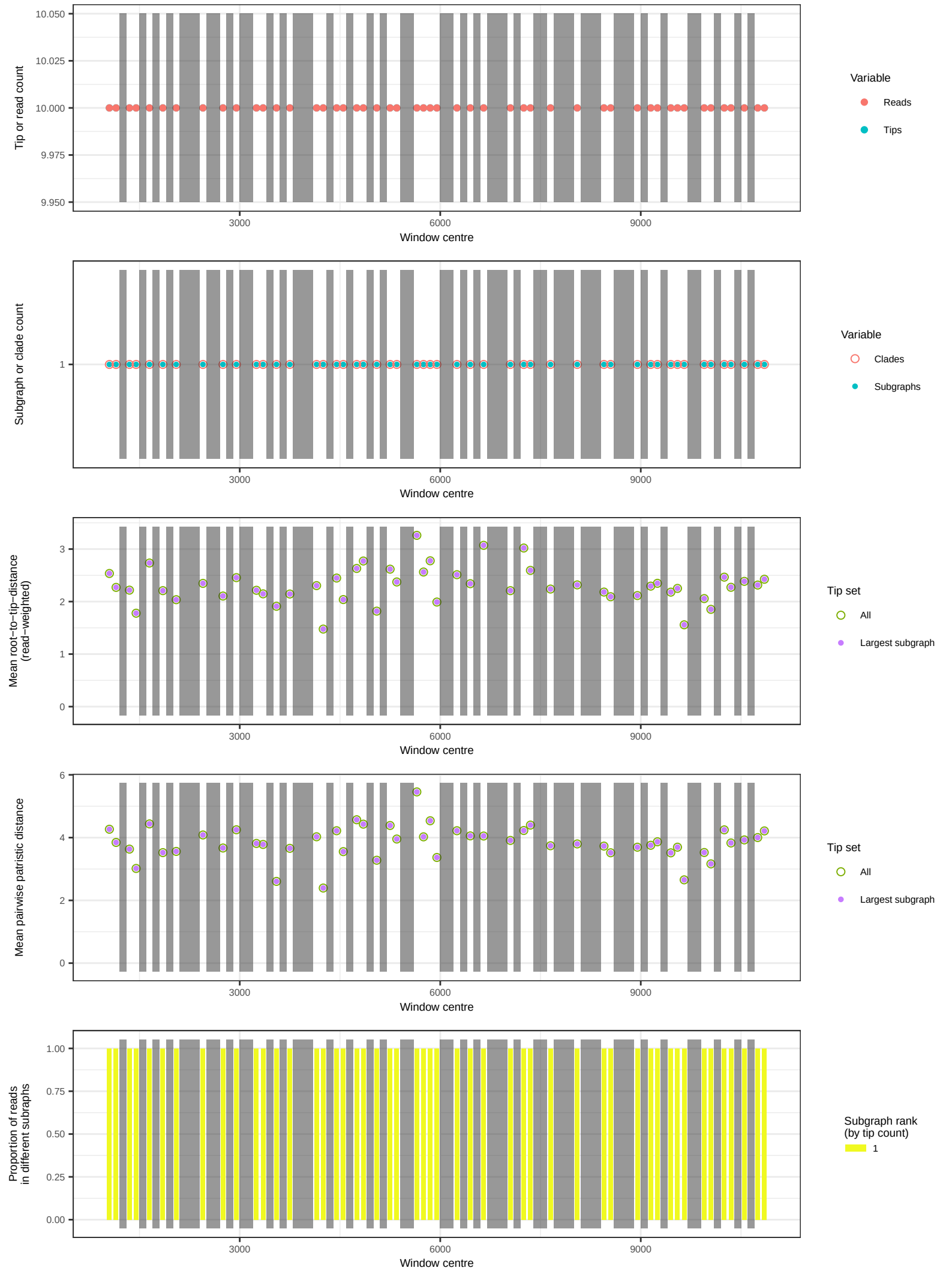
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1


Tip or read count
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10.025
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)
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2
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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
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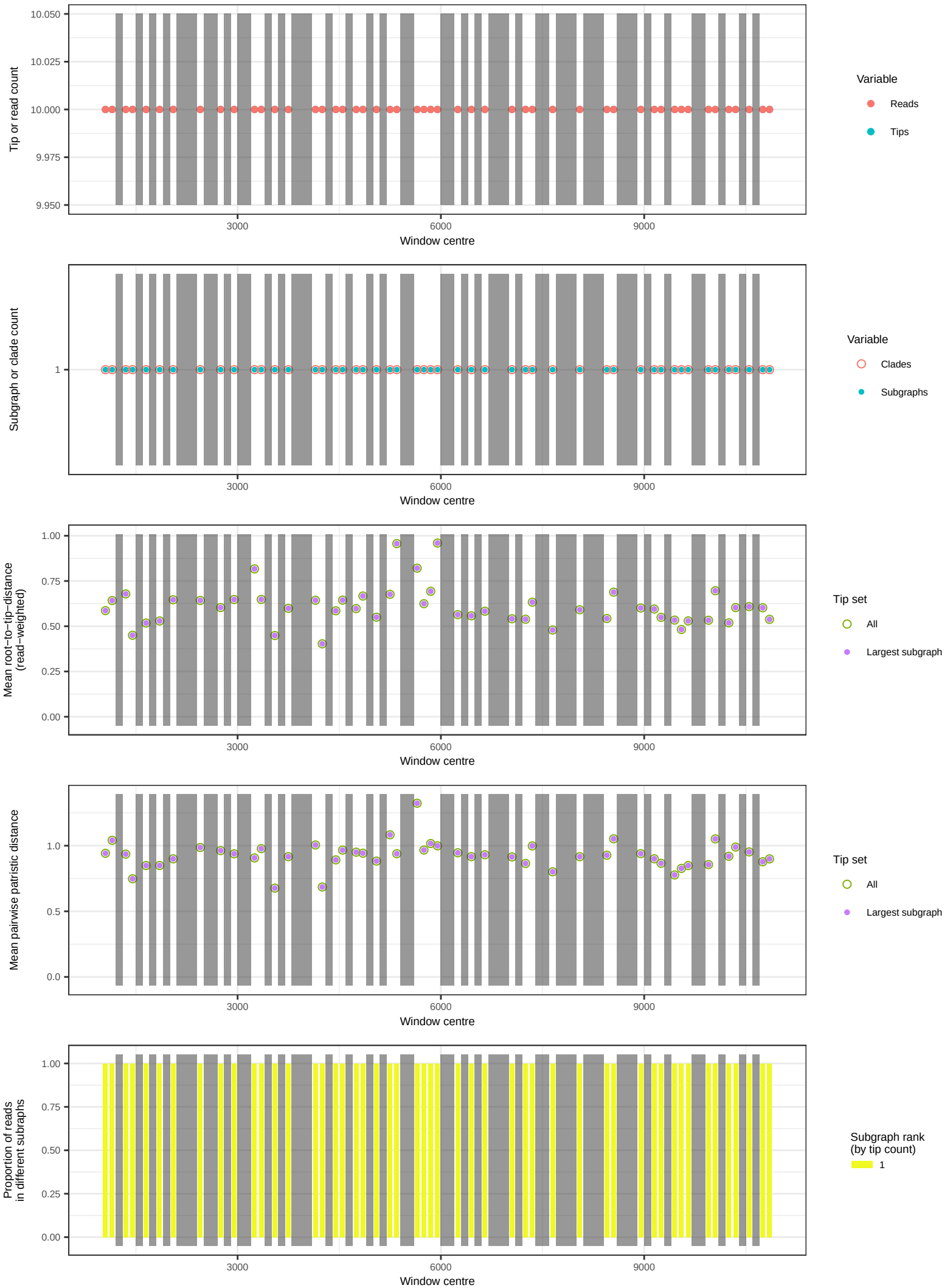
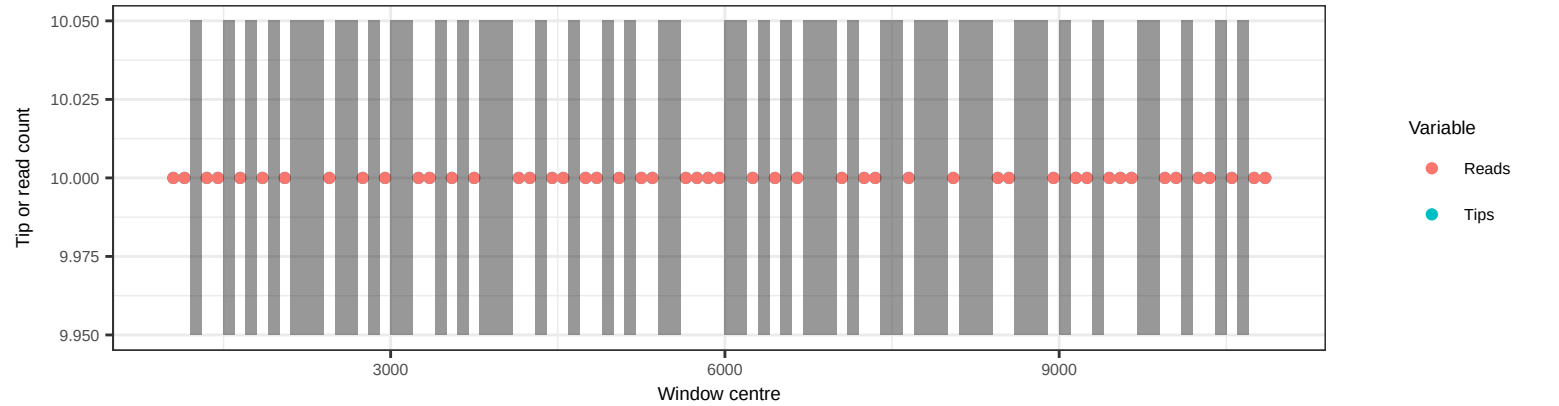
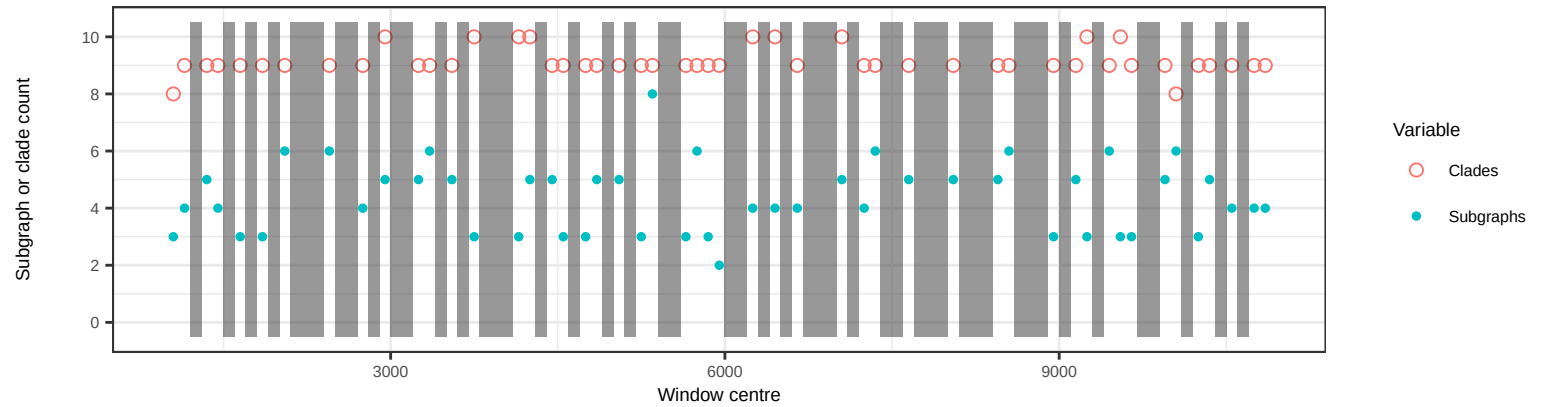
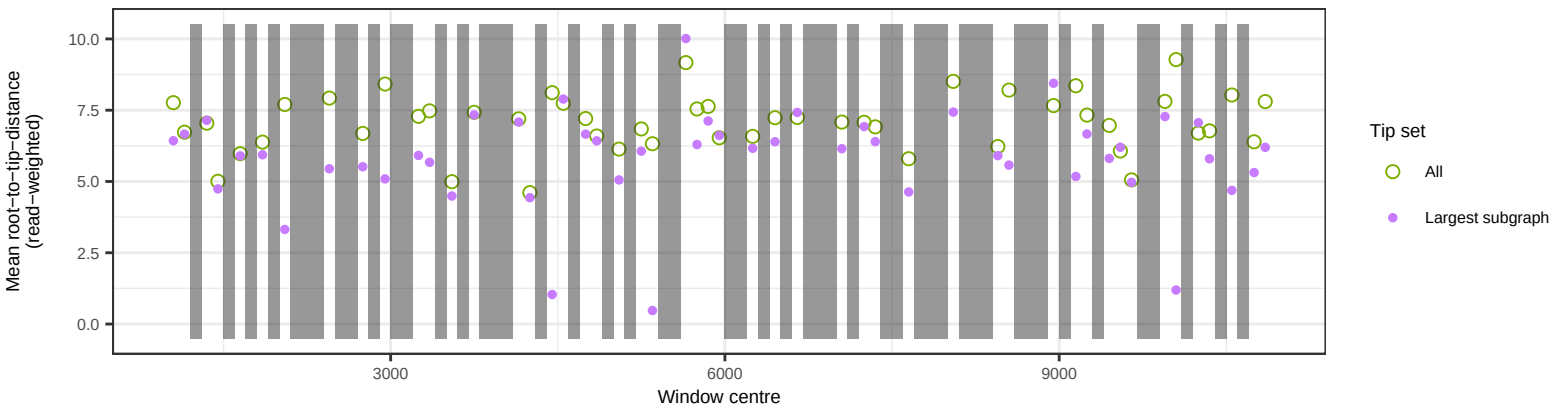
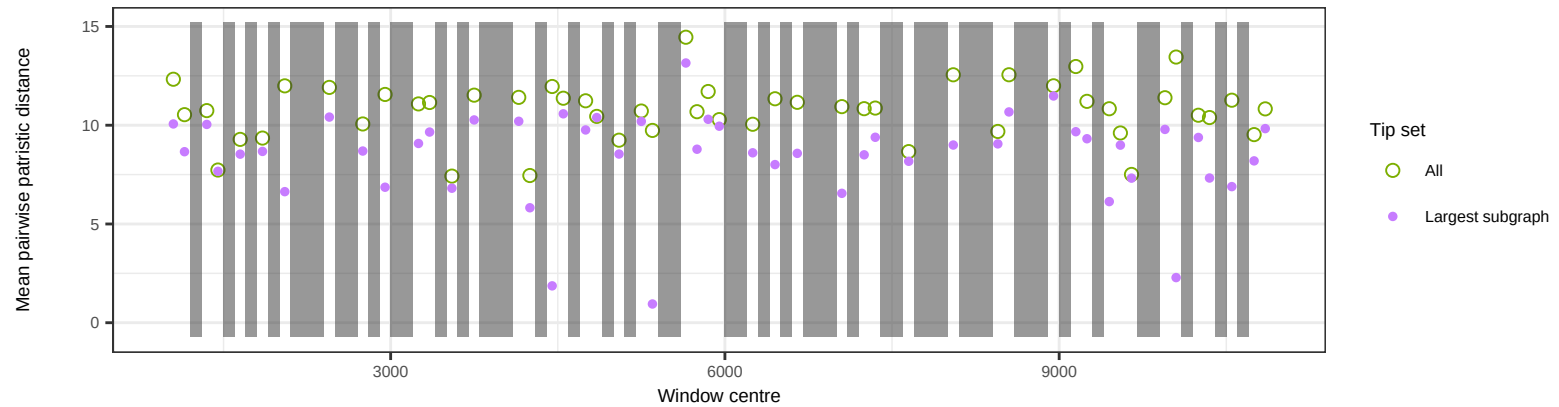
9000
Window centre
Subgraph rank (by tip count)
1

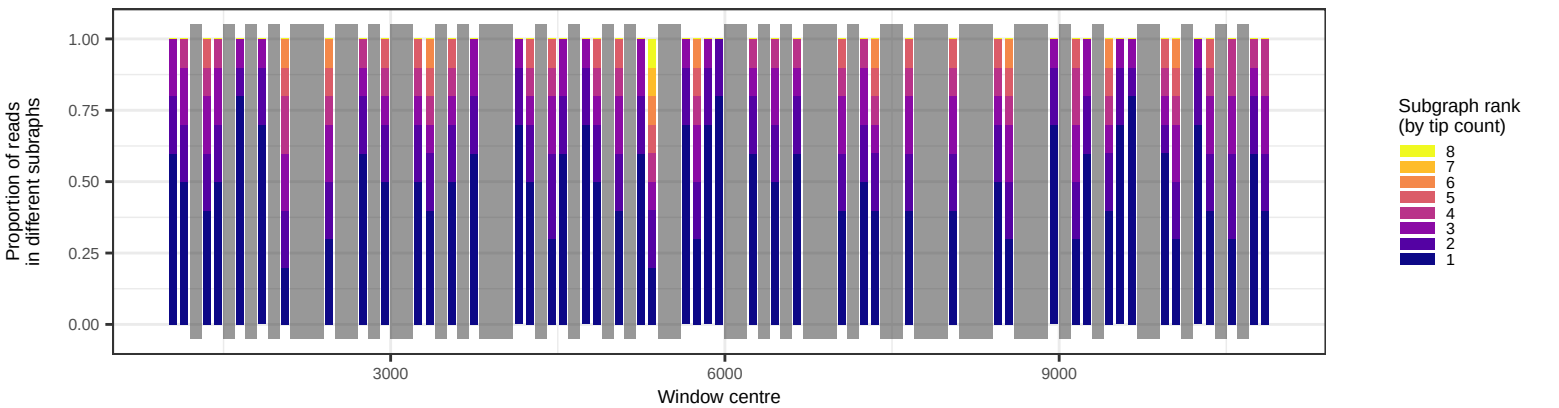

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph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

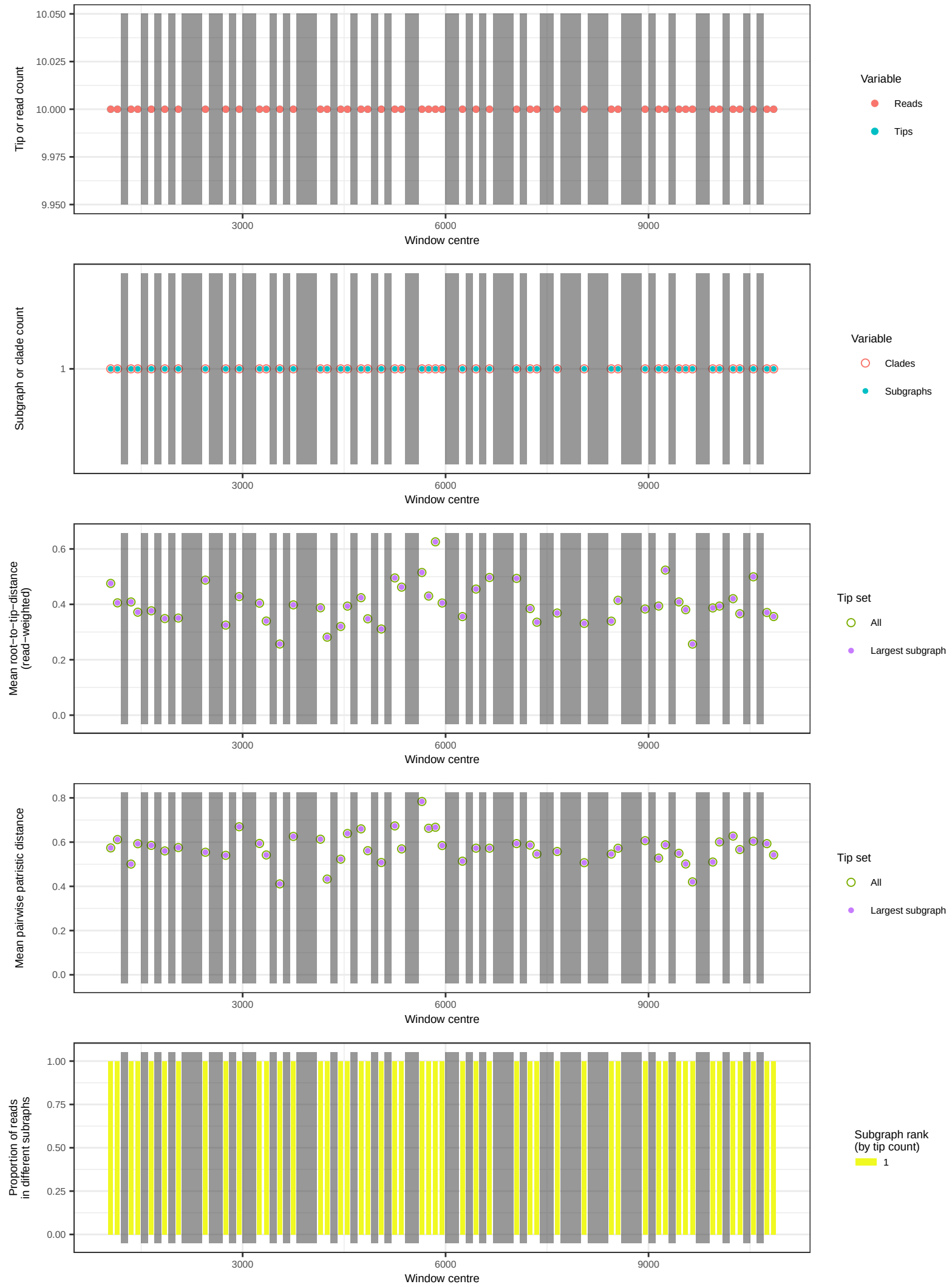

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

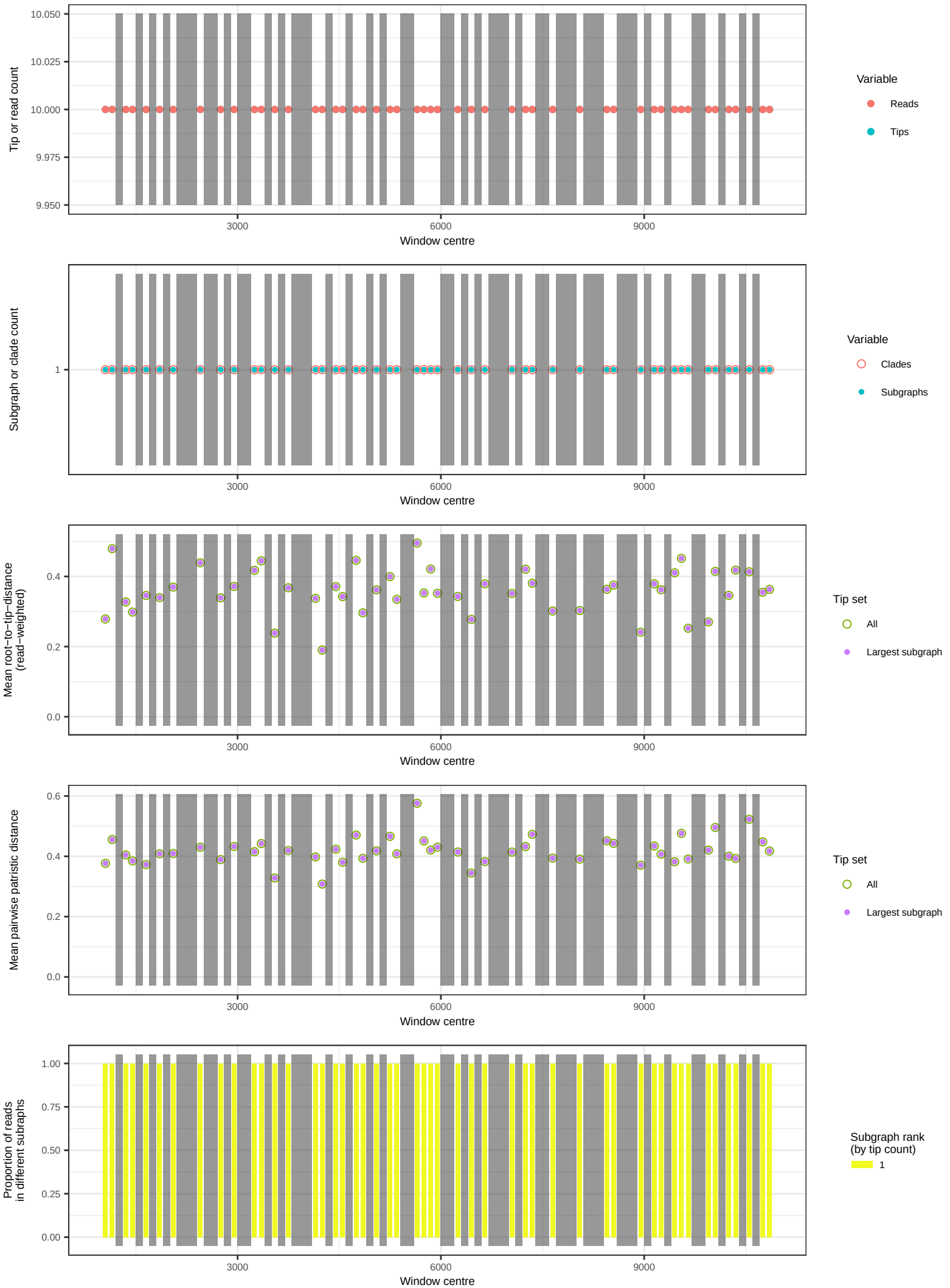

Subgraph or clade count
10
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

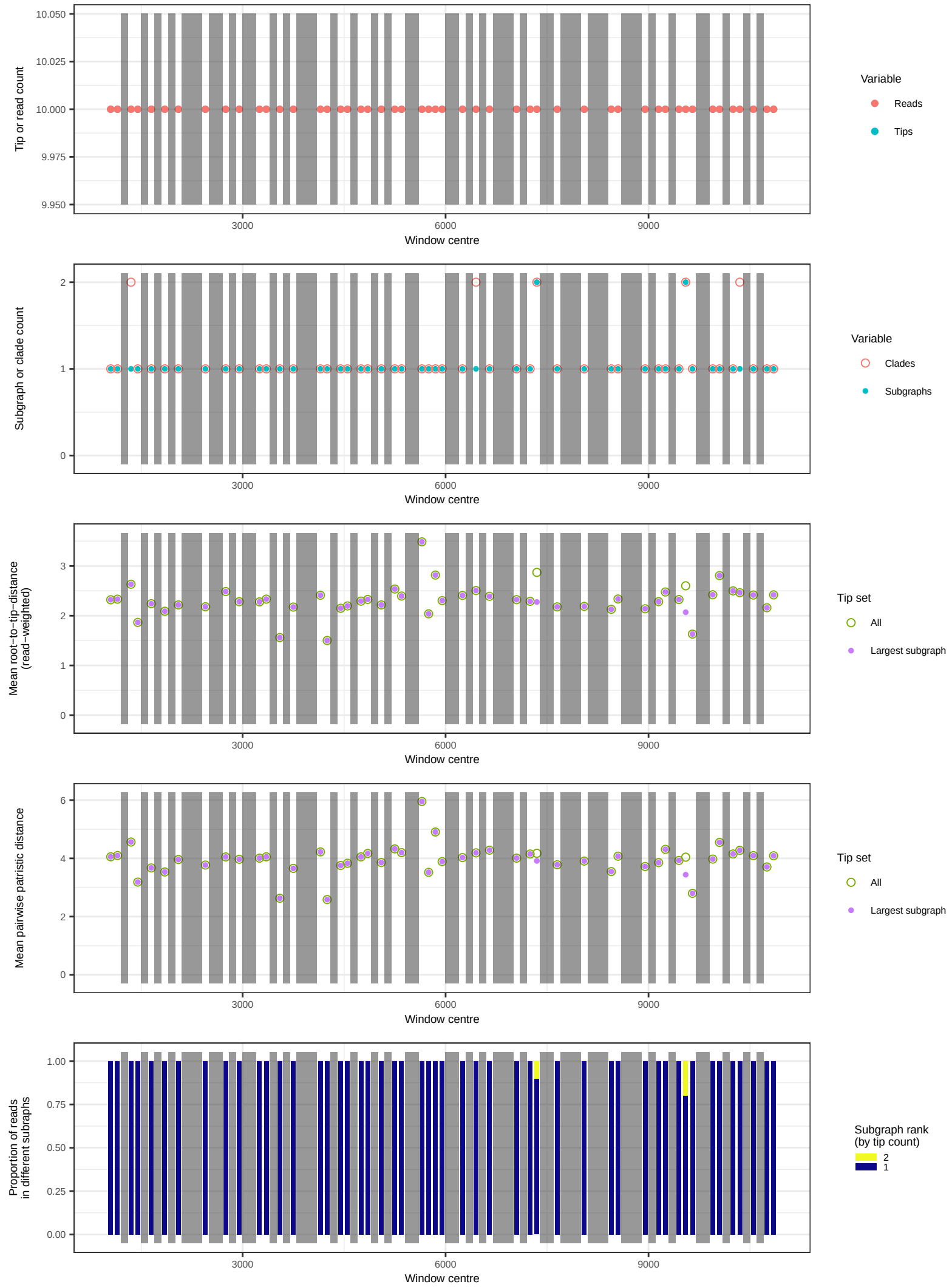

Mean root−to−tip−distance
(read−weighted)
10.0
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

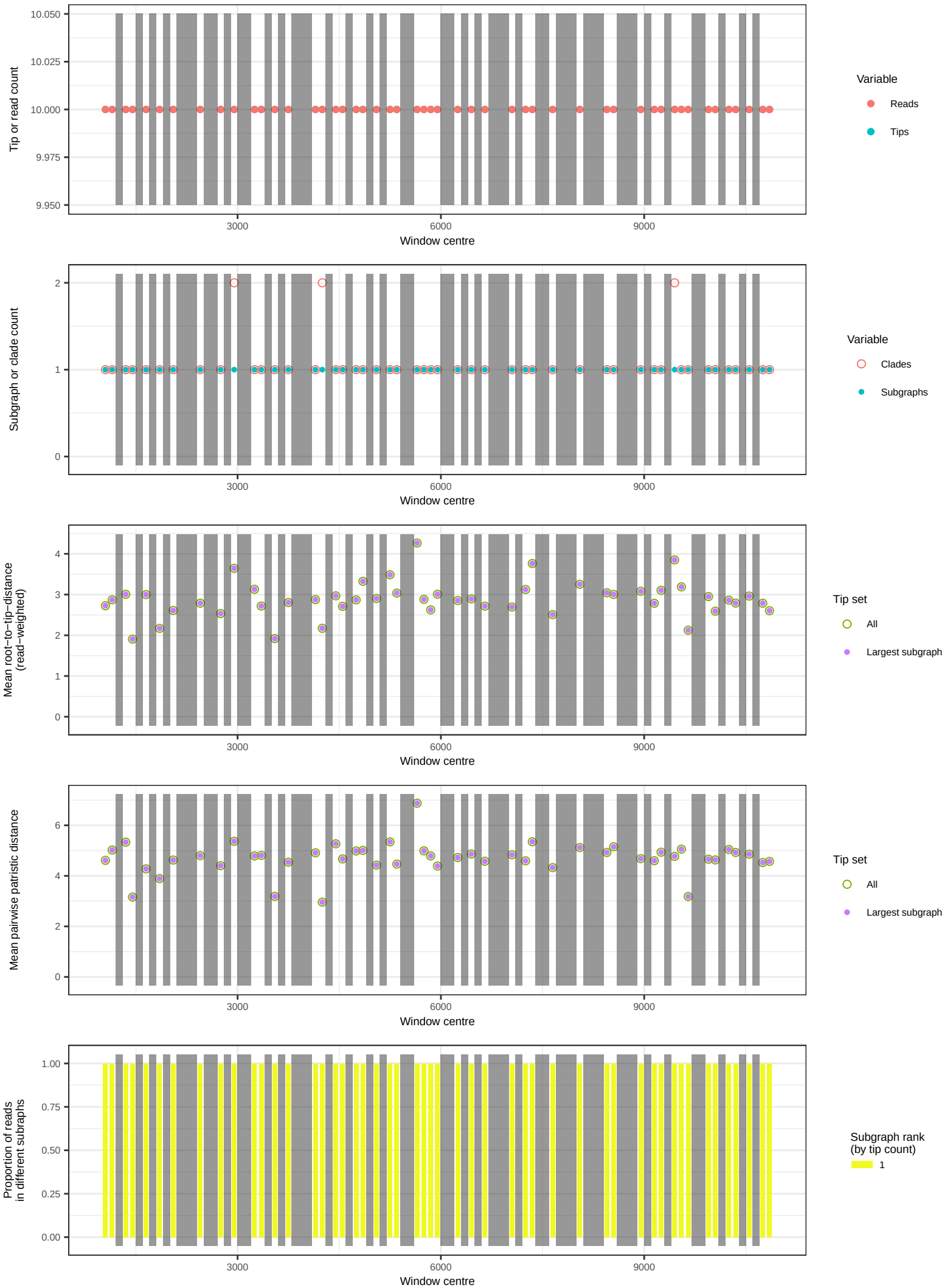

Mean pairwise patristic distance
15
10
5
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

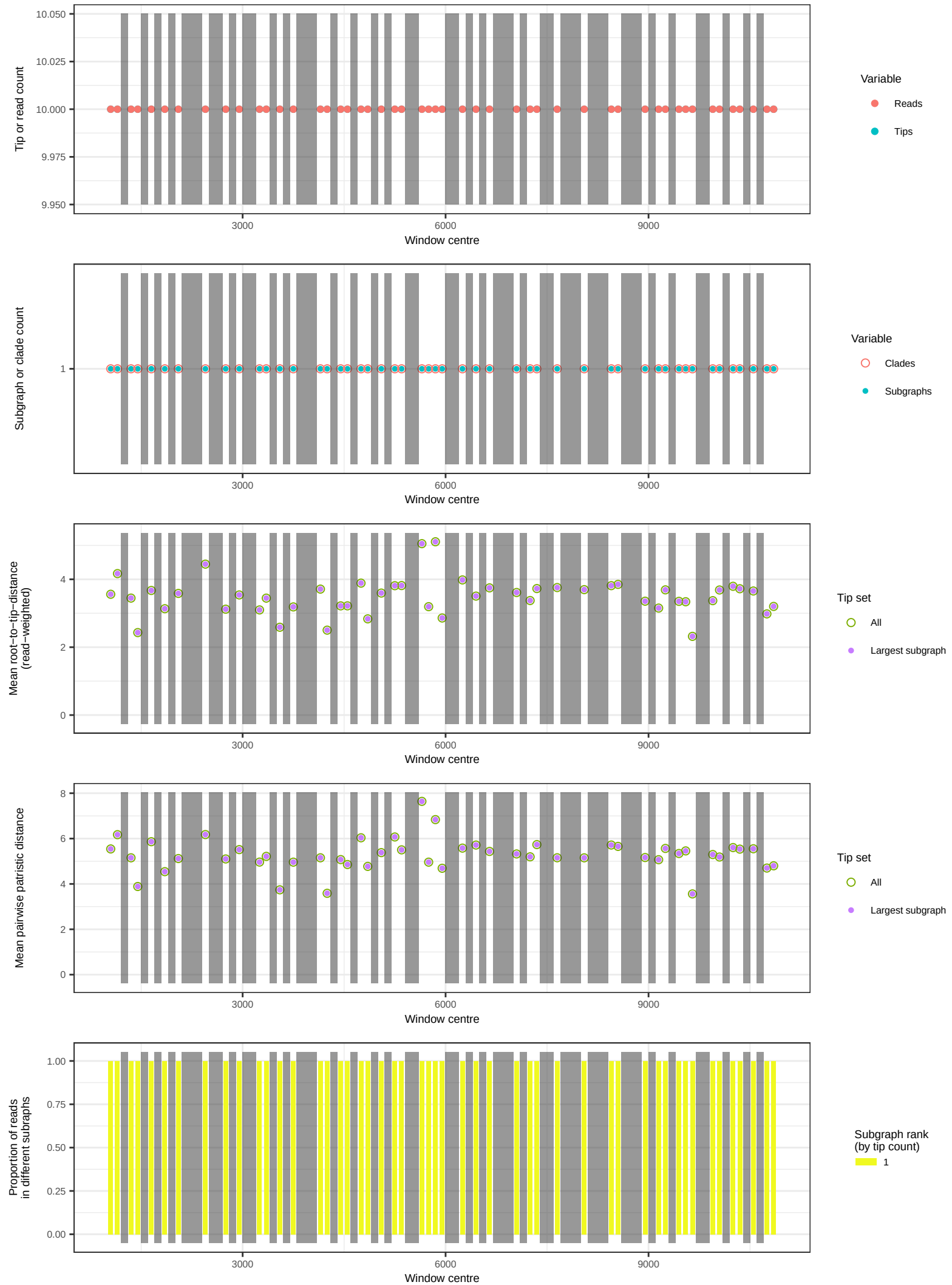

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
8
7
6
5
4
3
2
1


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)
0.6
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

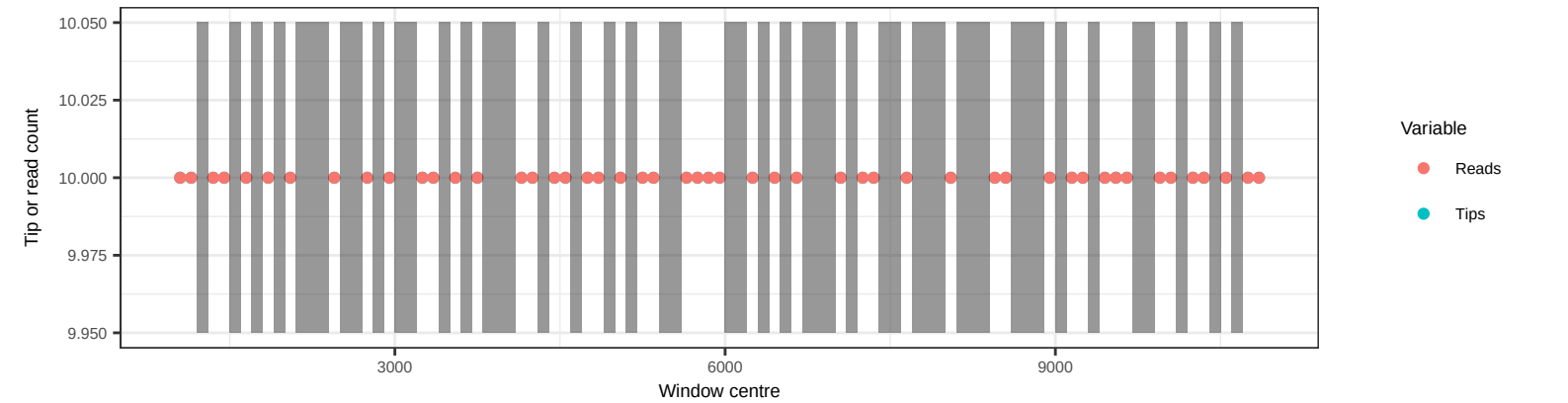

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise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

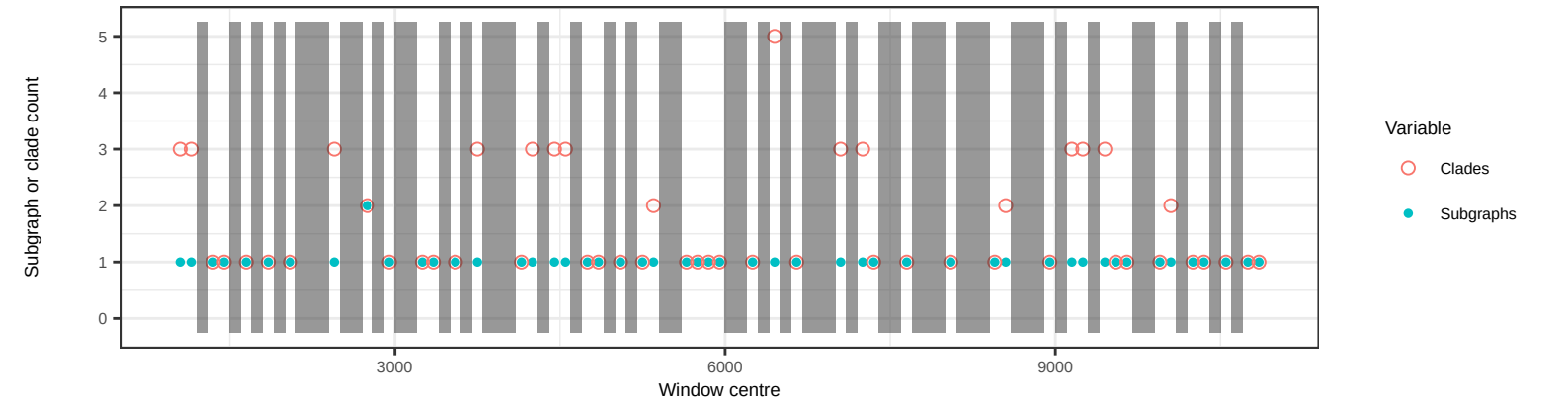

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise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

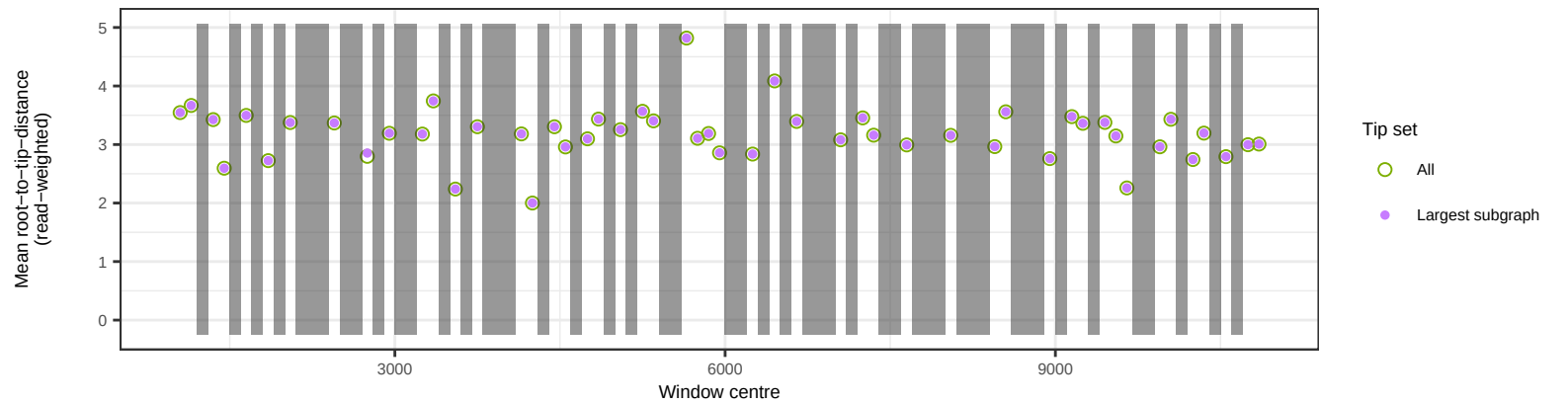

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise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

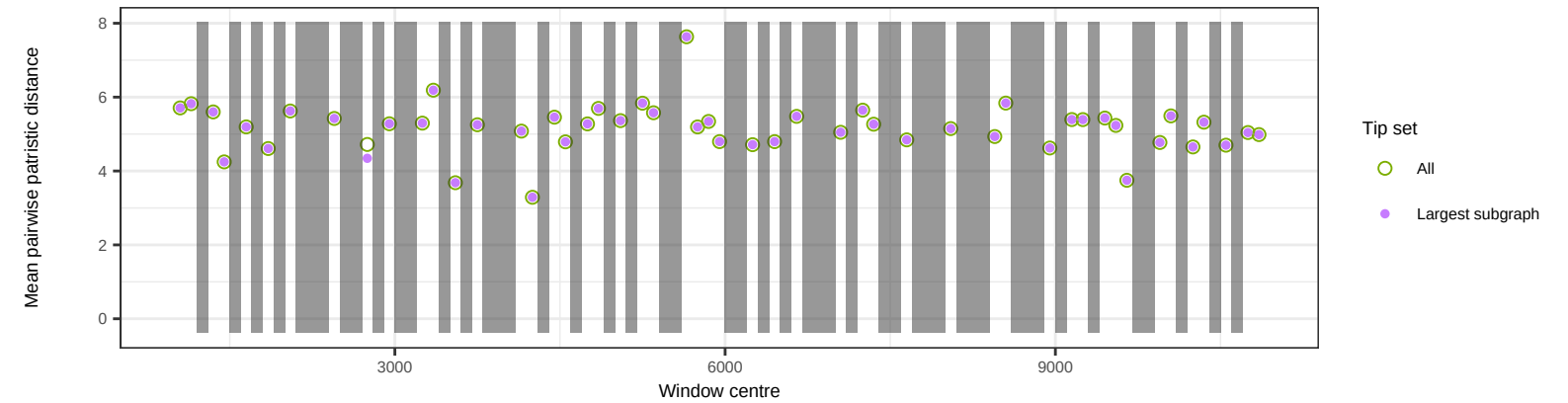

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0
2
4
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise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

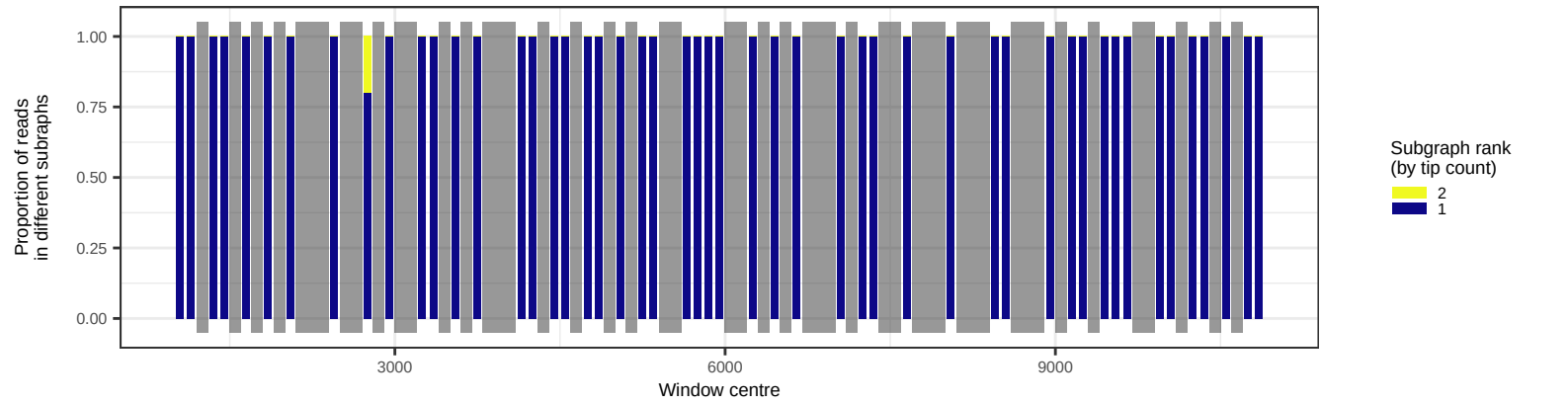
501

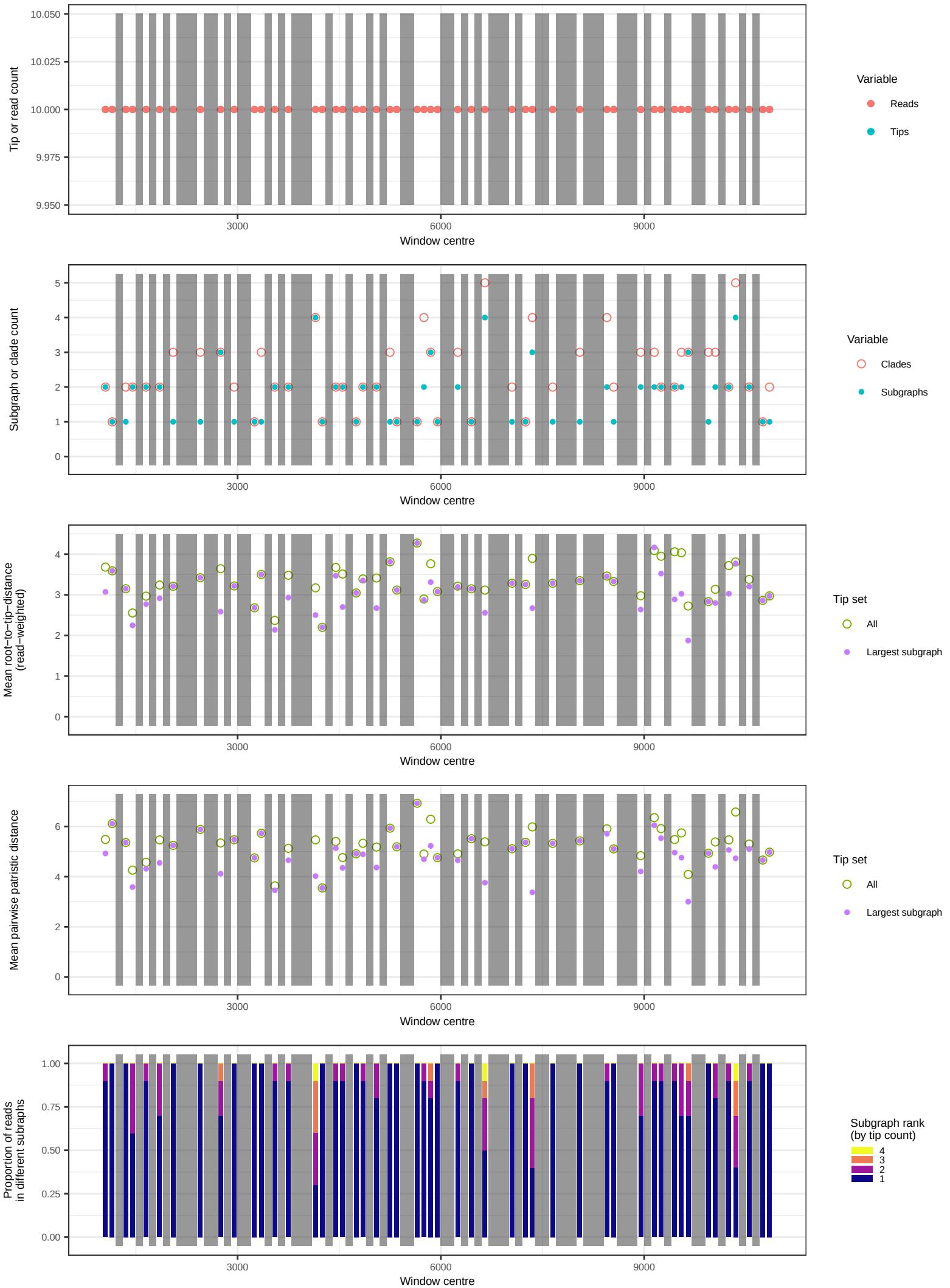

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

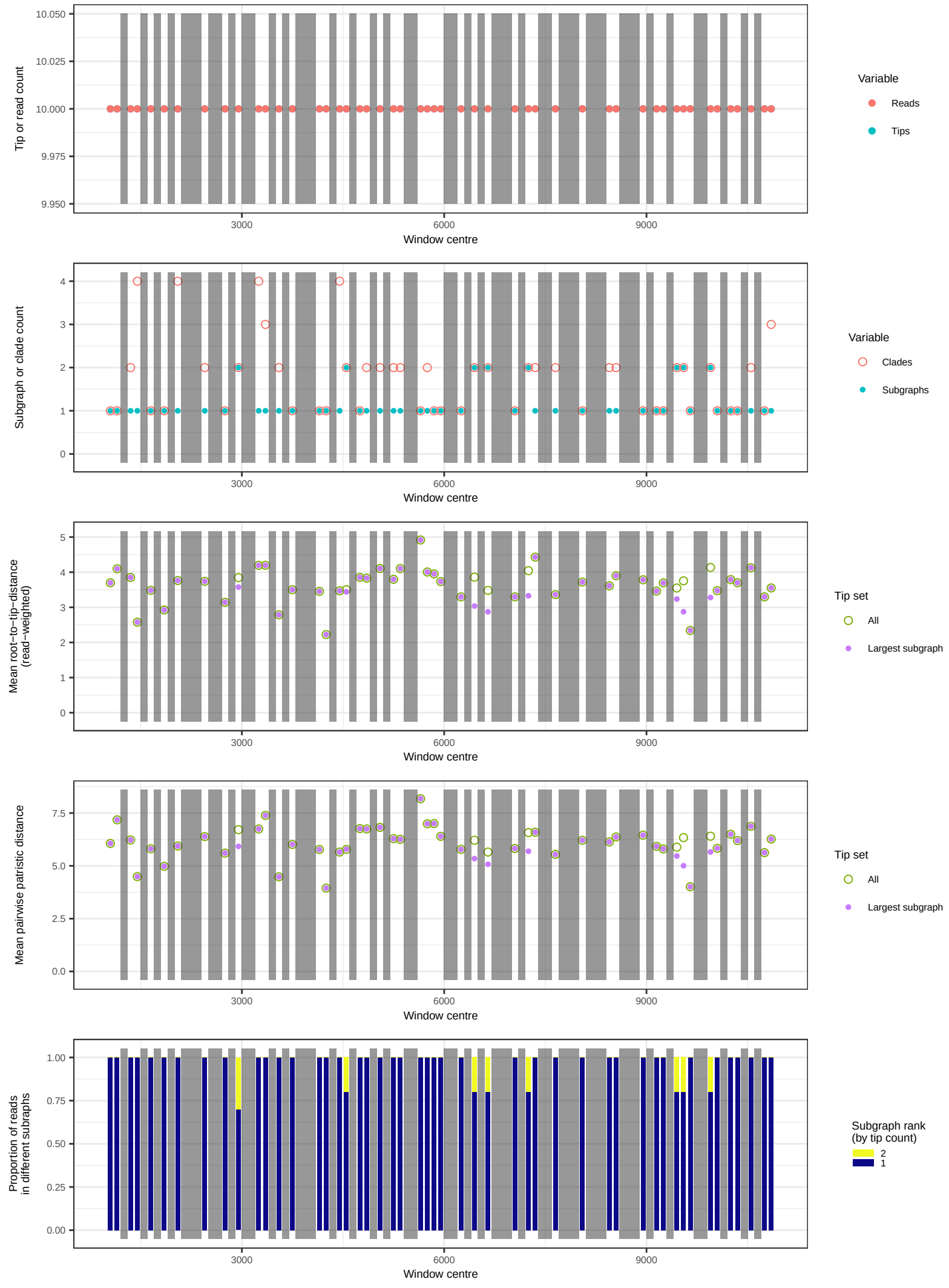

Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

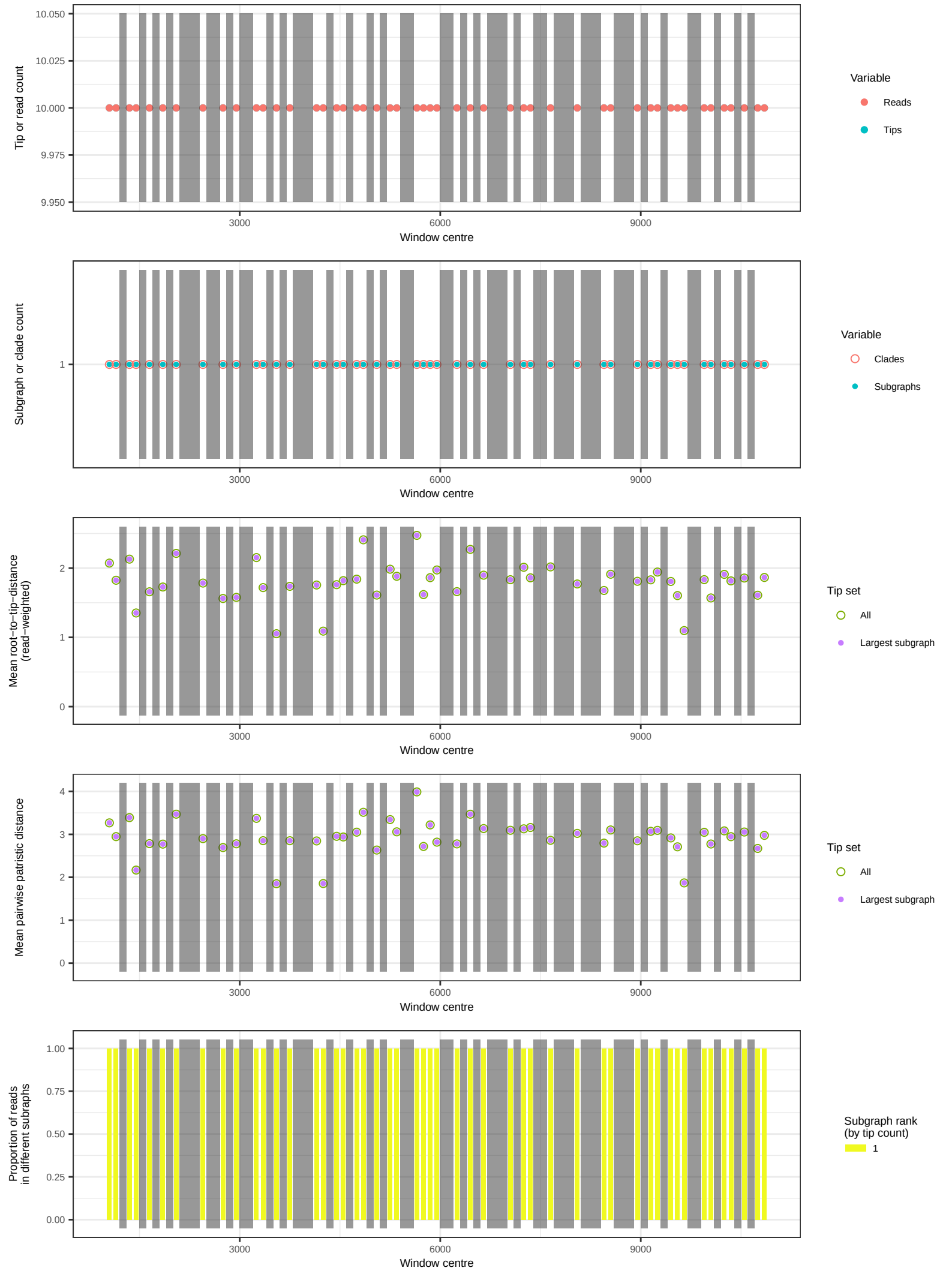

Mean root−to−tip−distance
(read−weighted)
5
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

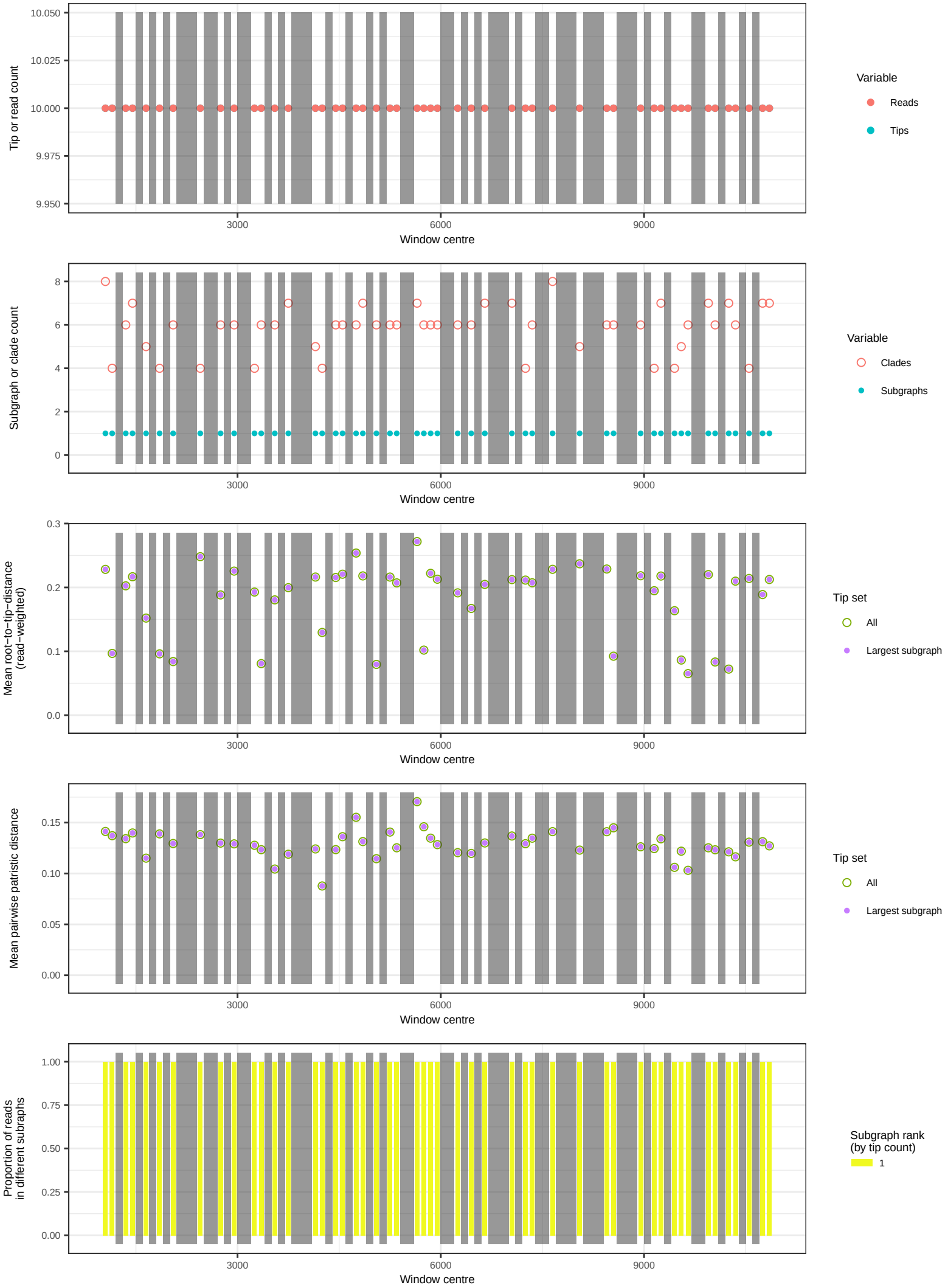

Mean pairwise patristic distance
8
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


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

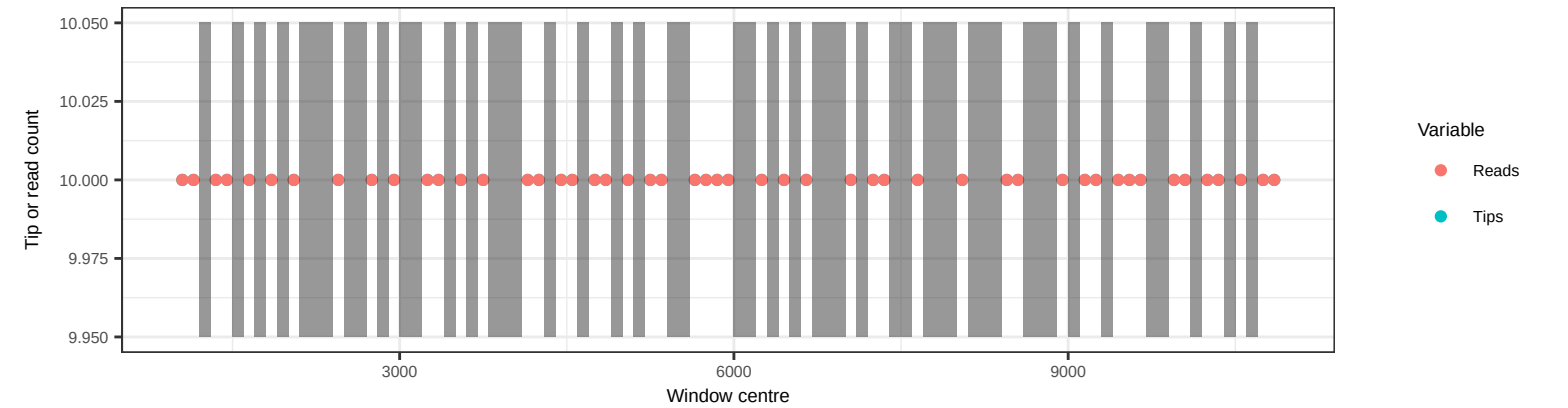

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph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

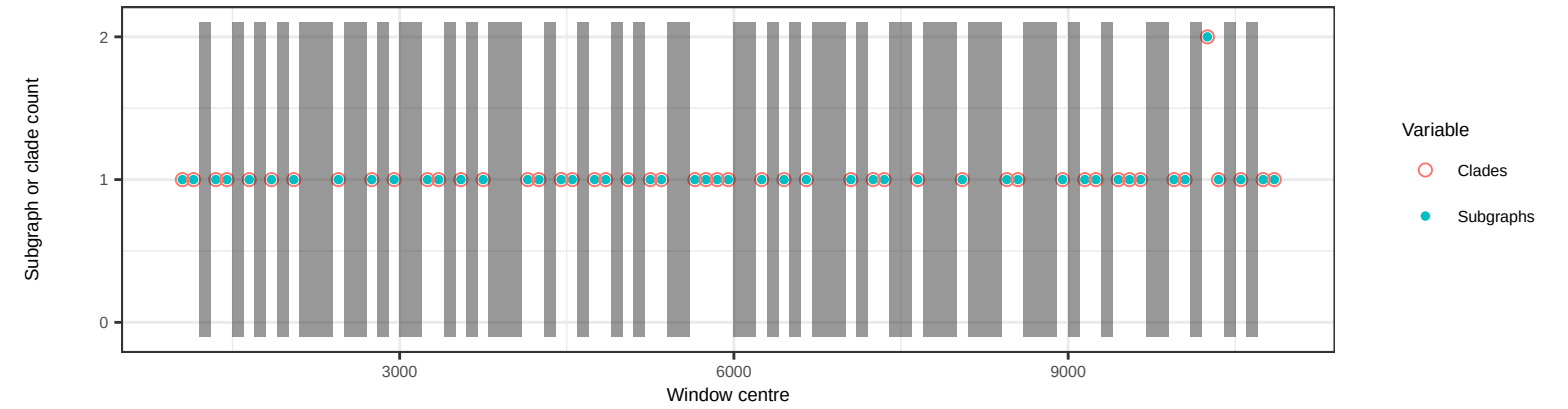

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
5
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph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

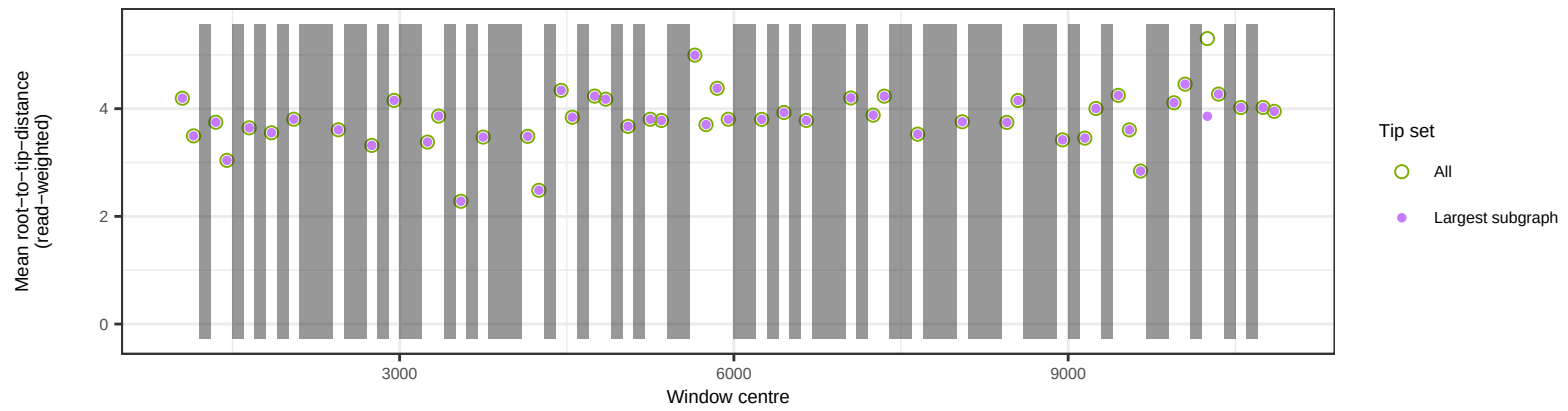

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise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

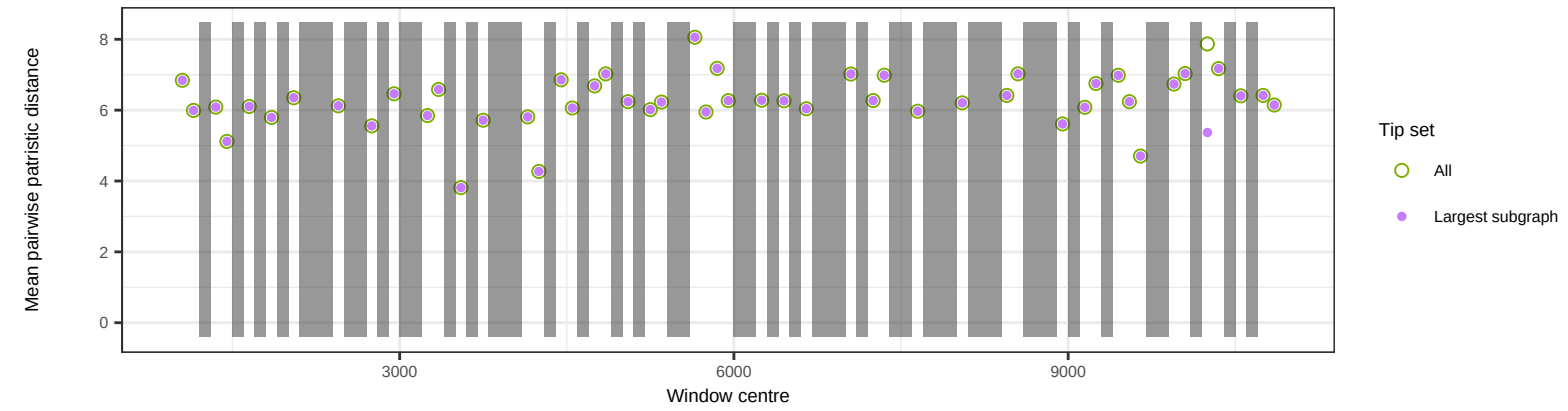

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.15
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

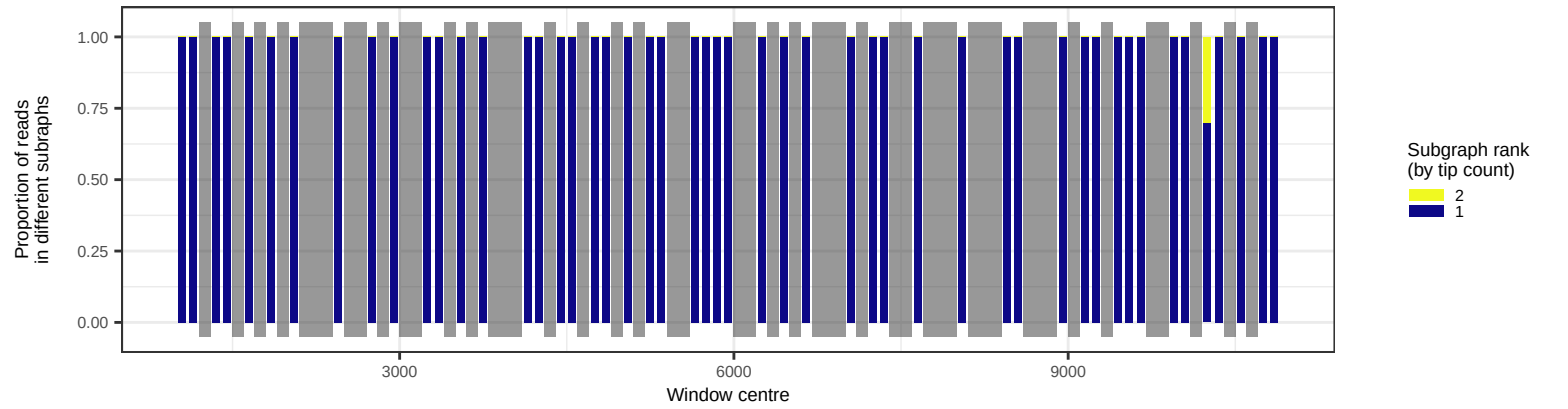
601


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

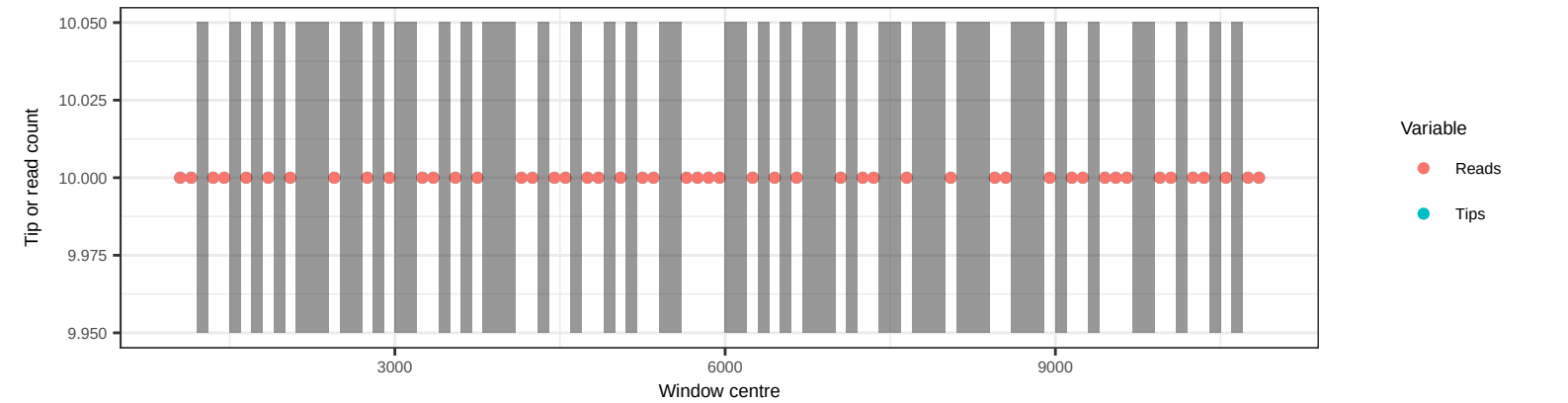

Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

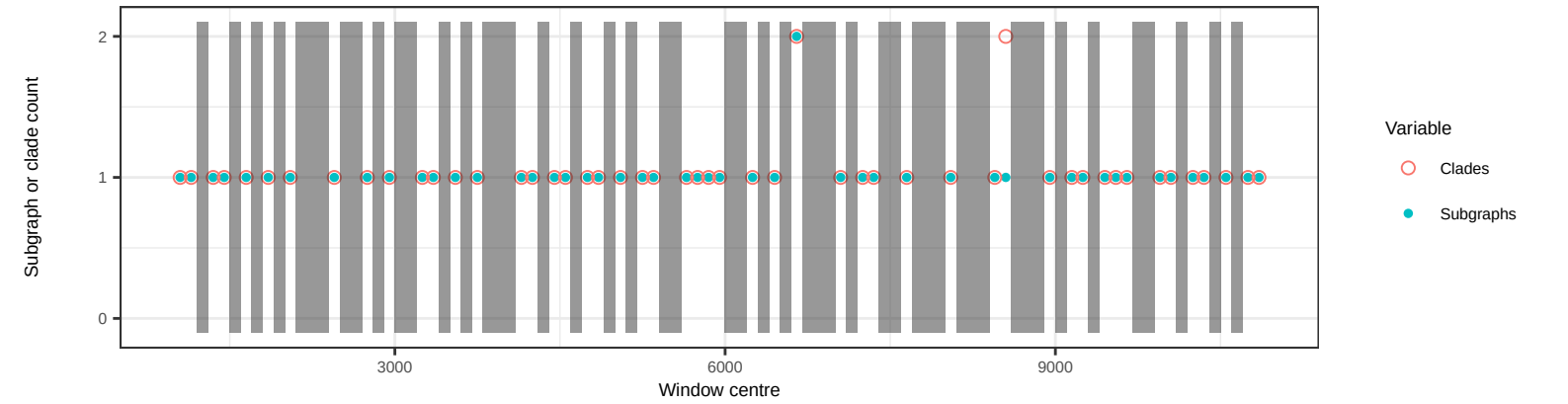

Mean root−to−tip−distance
(read−weighted)
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

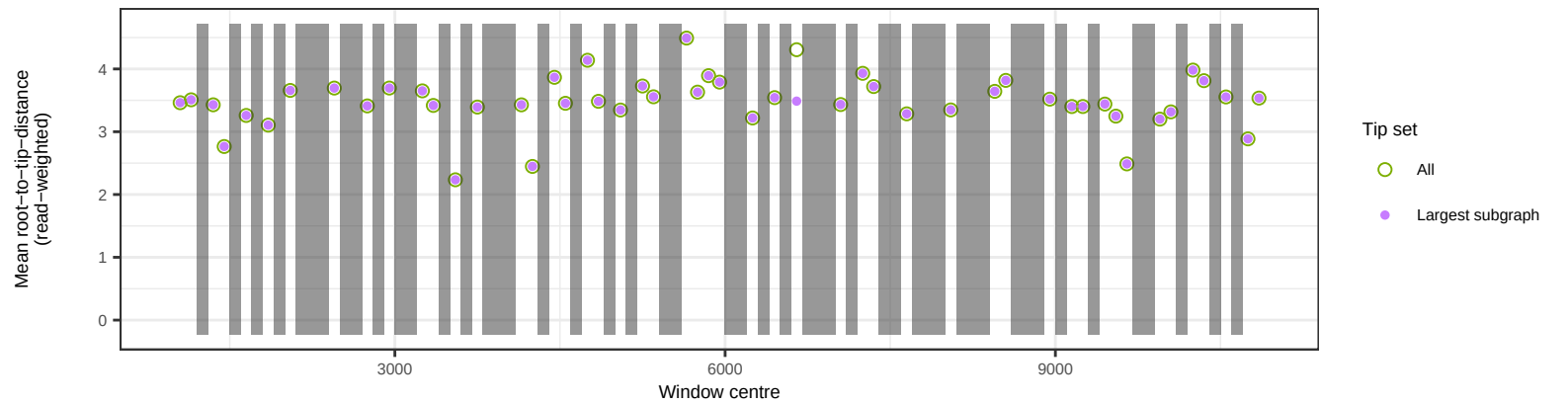

Mean pairwise patristic distance
8
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

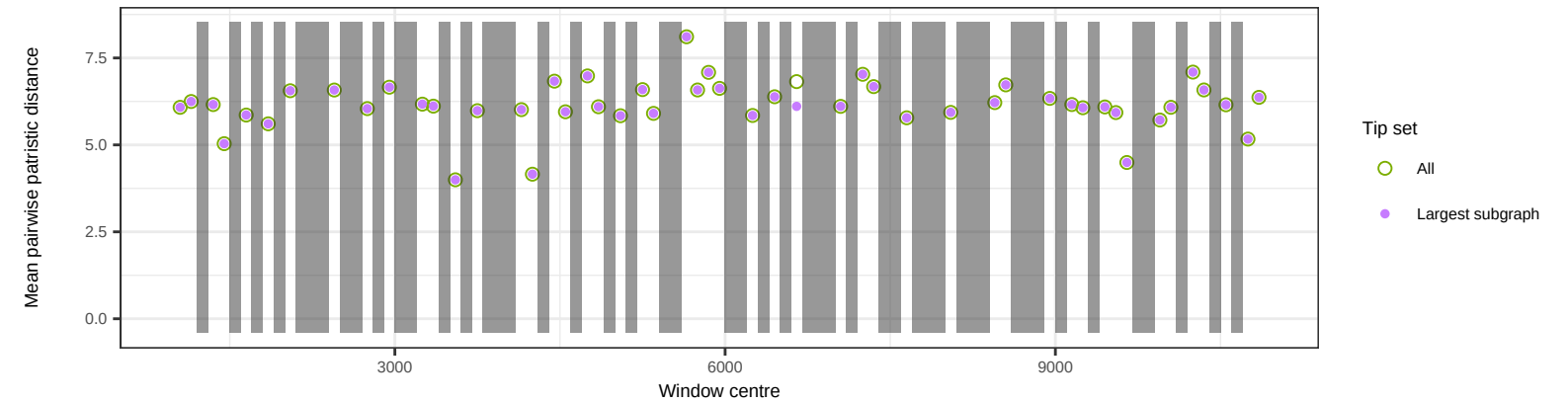

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

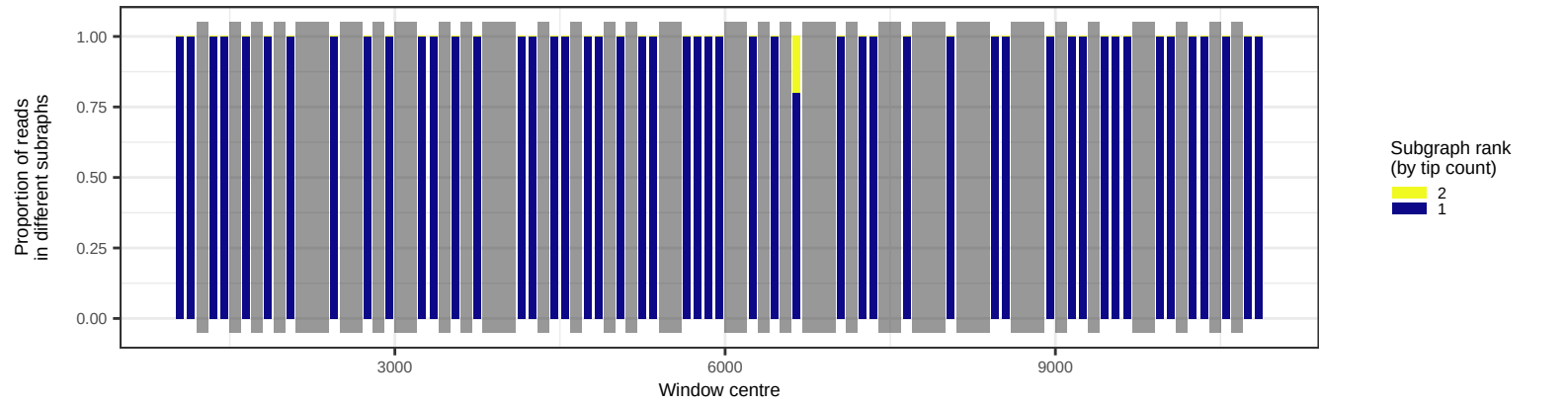
604


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

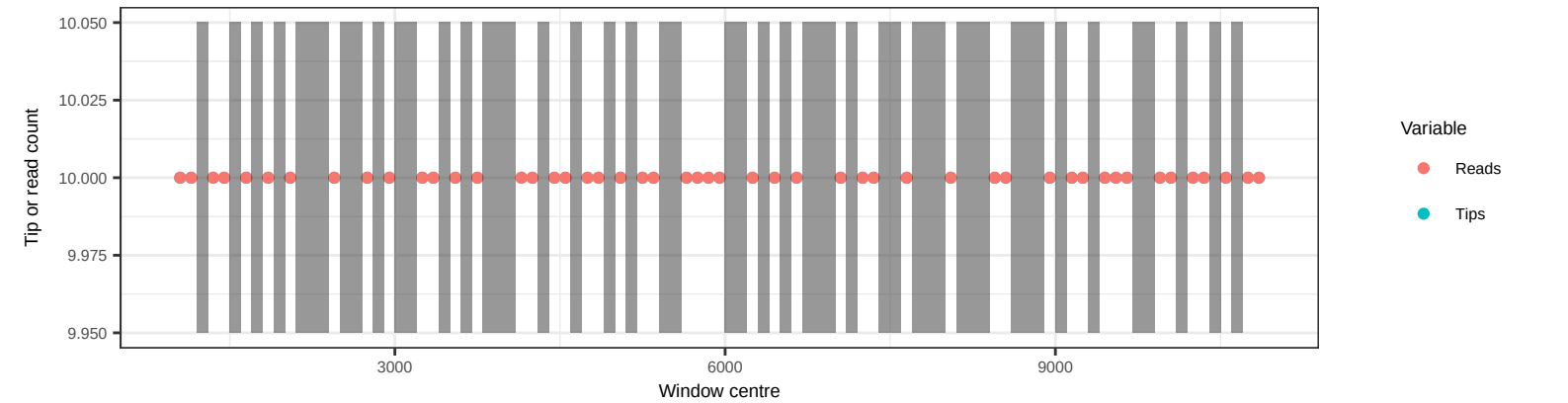

Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

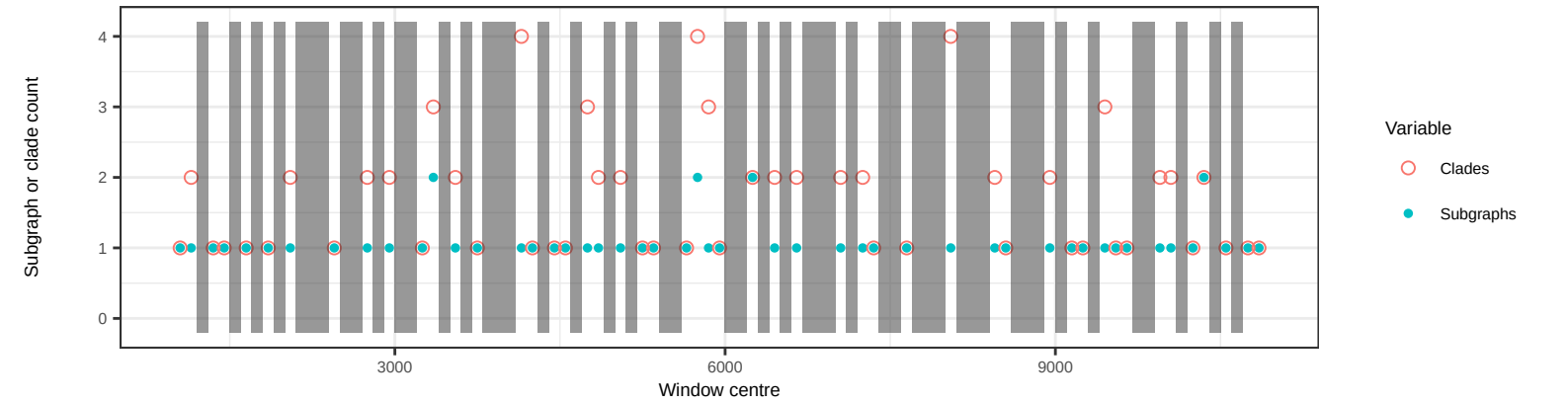

Mean root−to−tip−distance
(read−weighted)
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

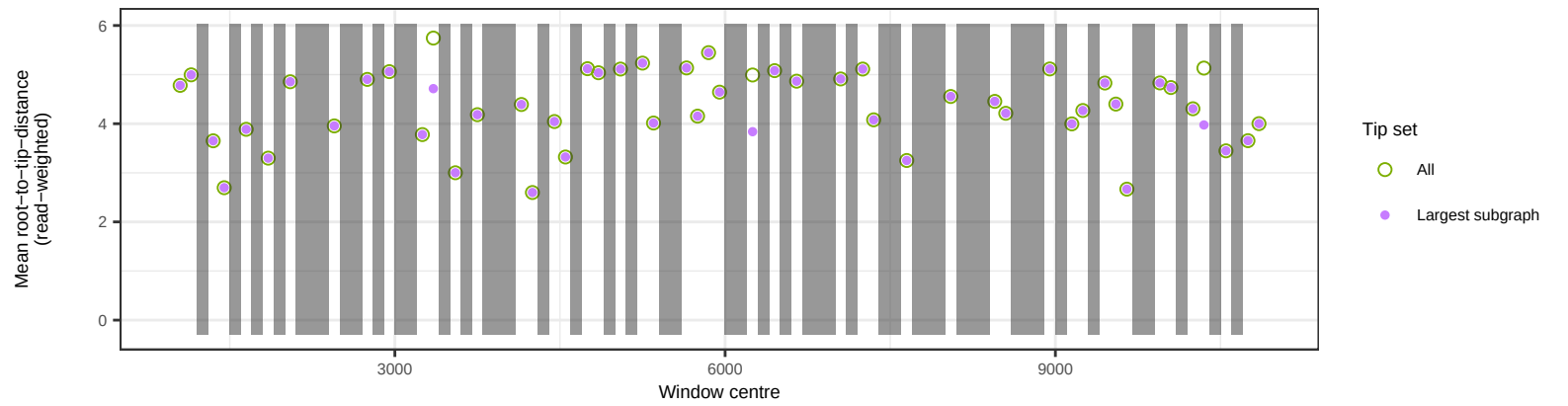

Mean pairwise patristic distance
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

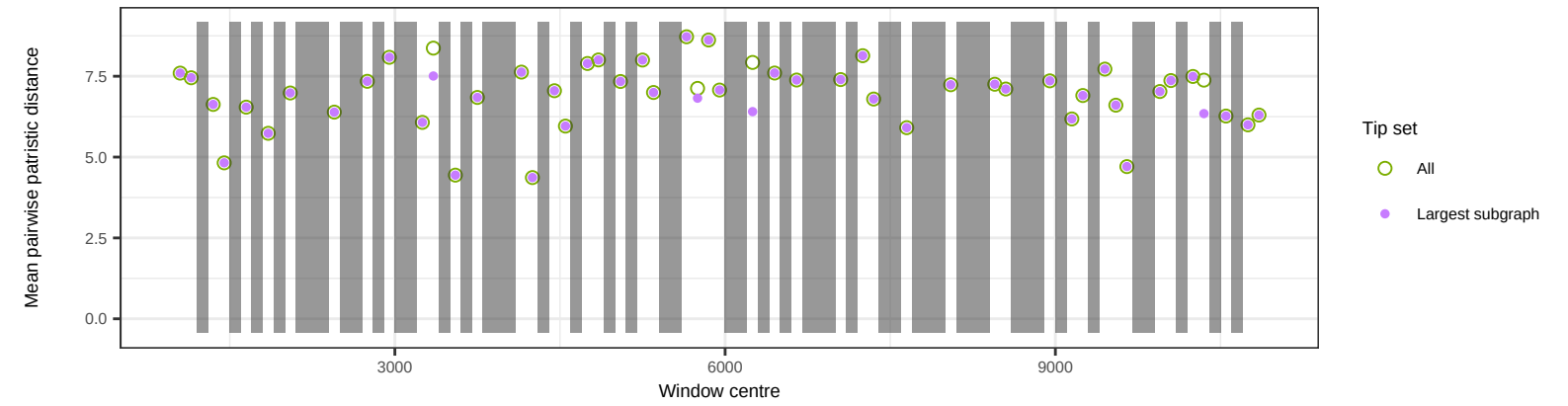

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

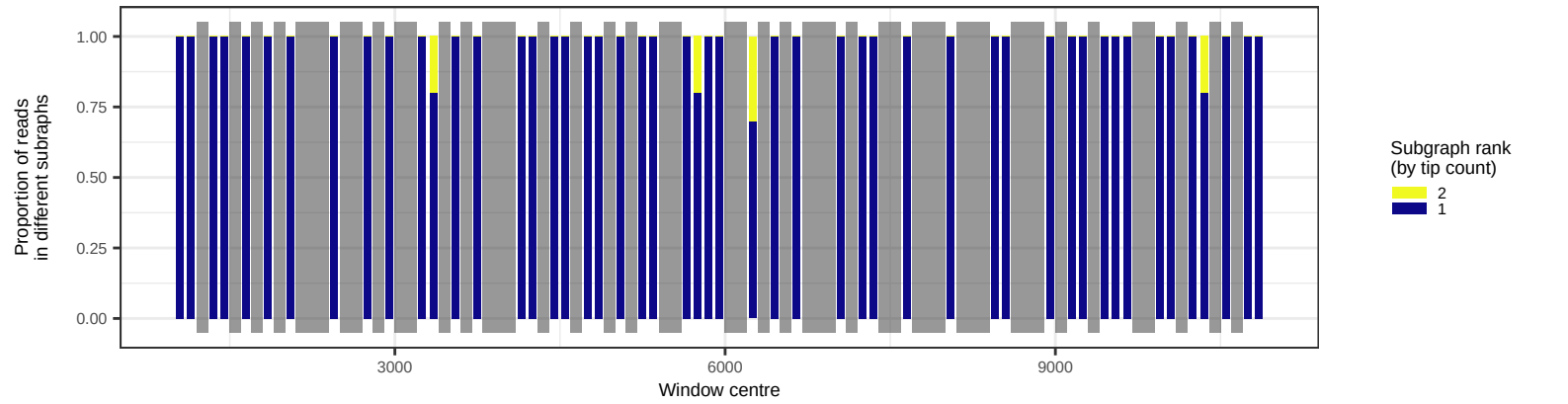
652

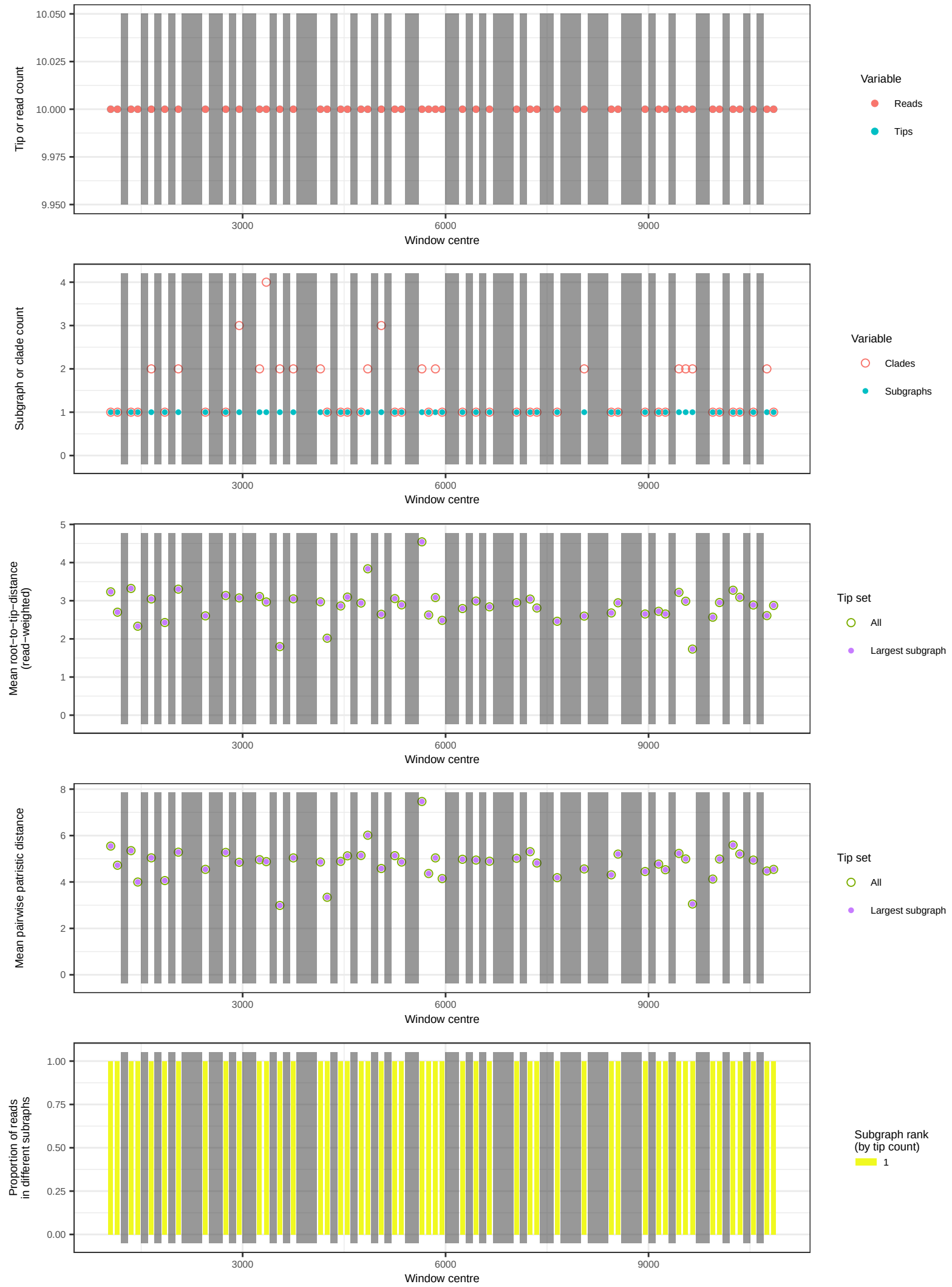

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

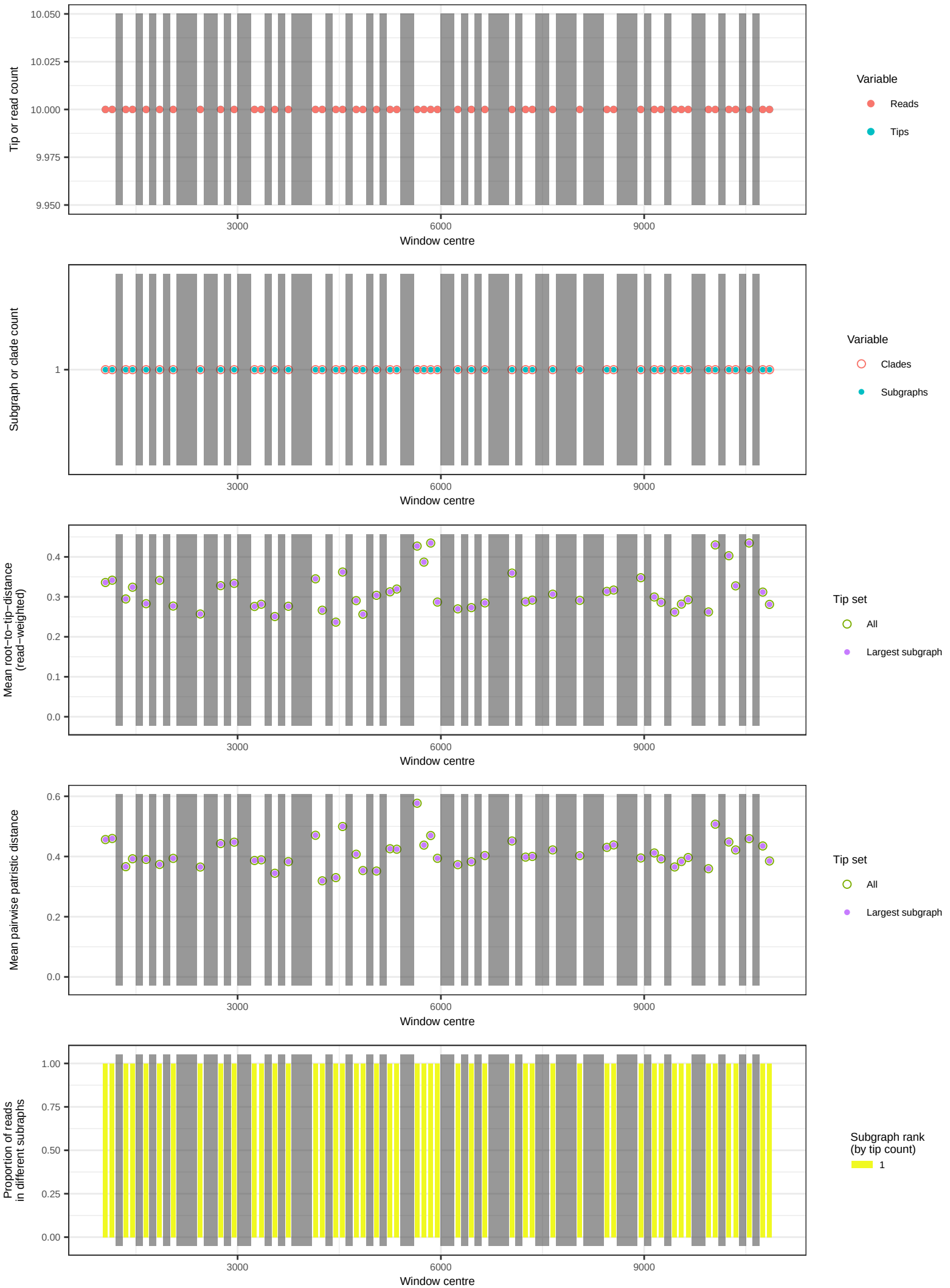

Subgraph or clade count
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

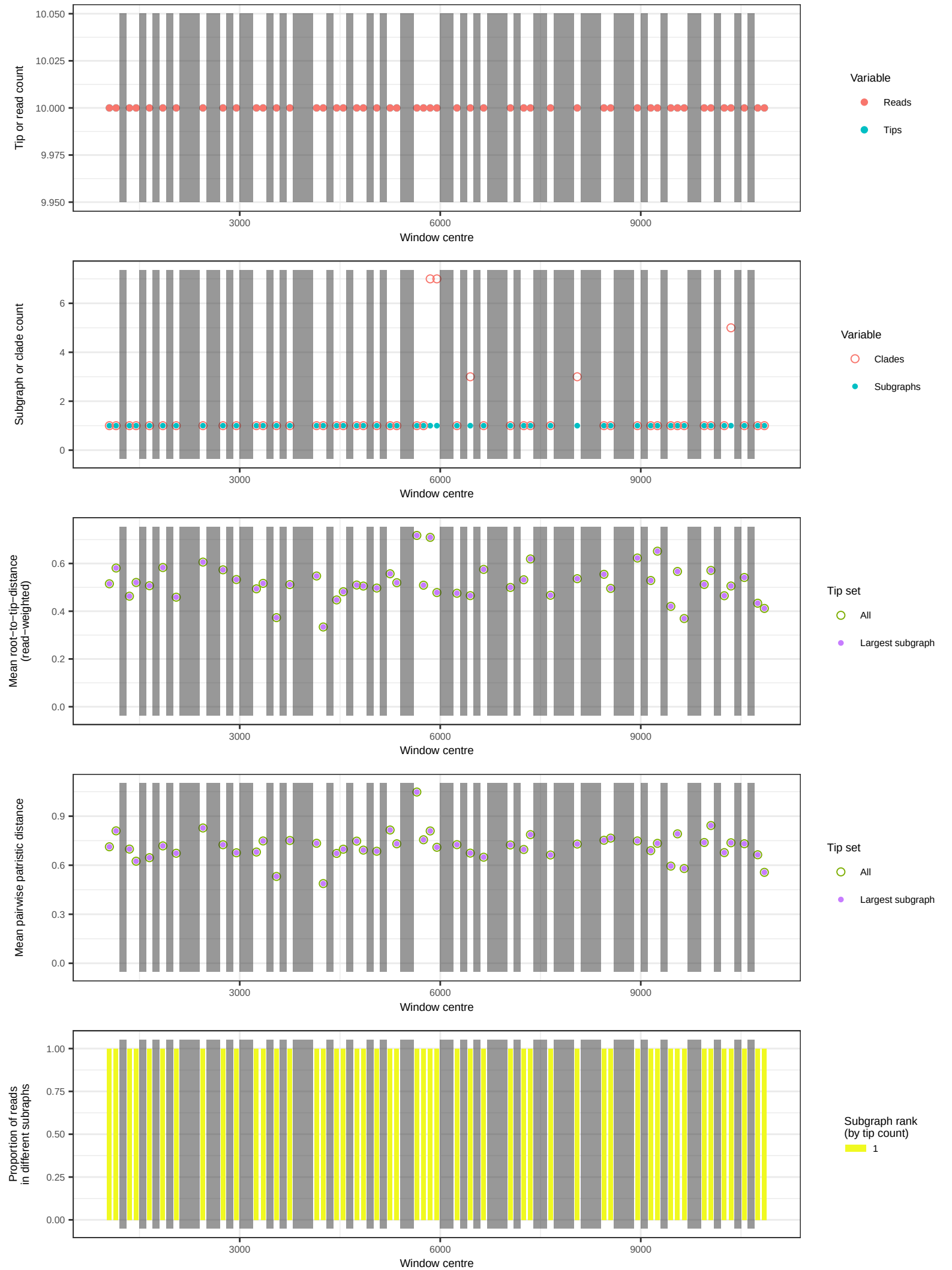

Mean root−to−tip−distance
(read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Mean pairwise patristic distance
7.5
5.0
2.5
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

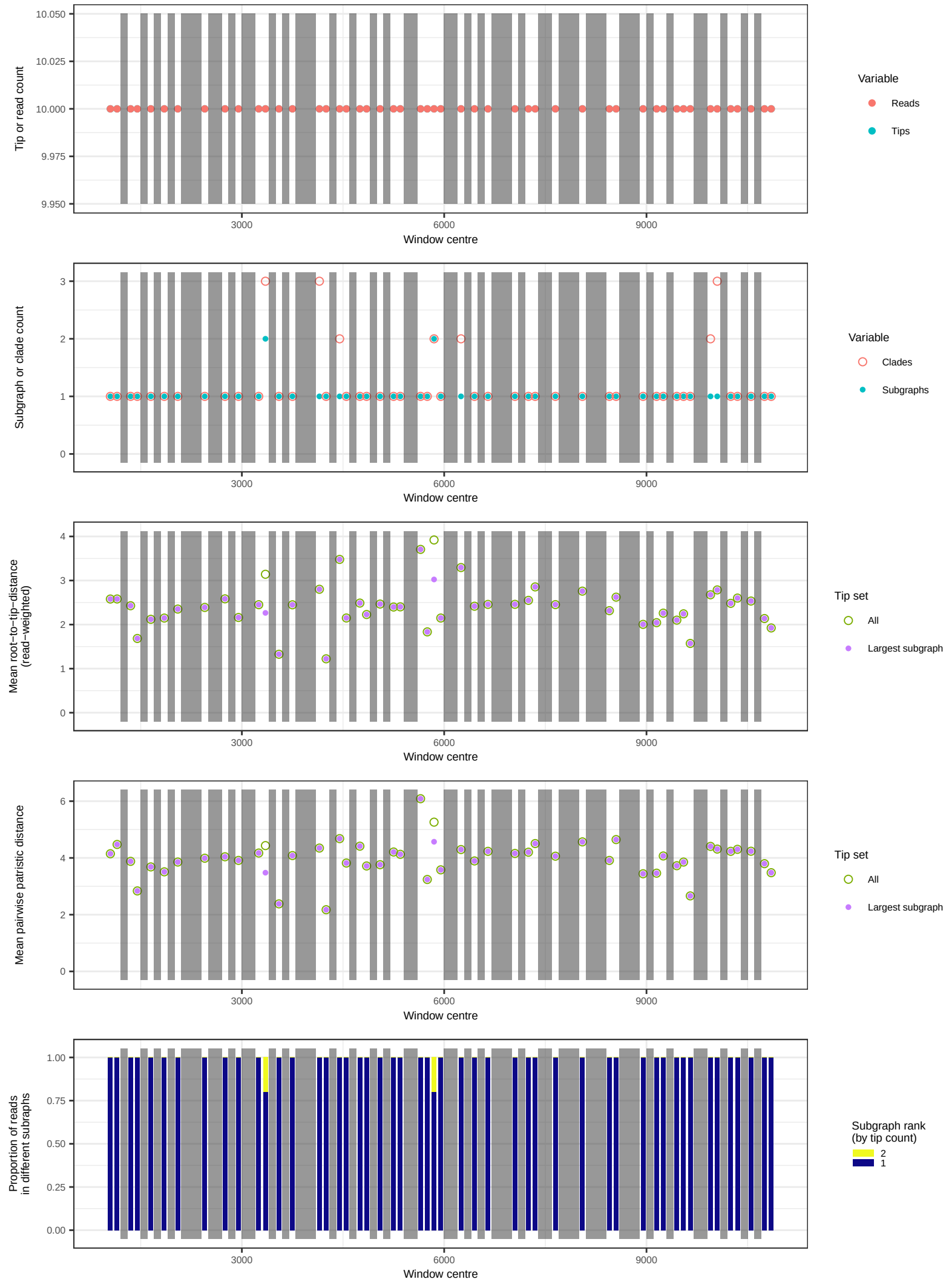

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1


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)
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
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank (by tip count)
1

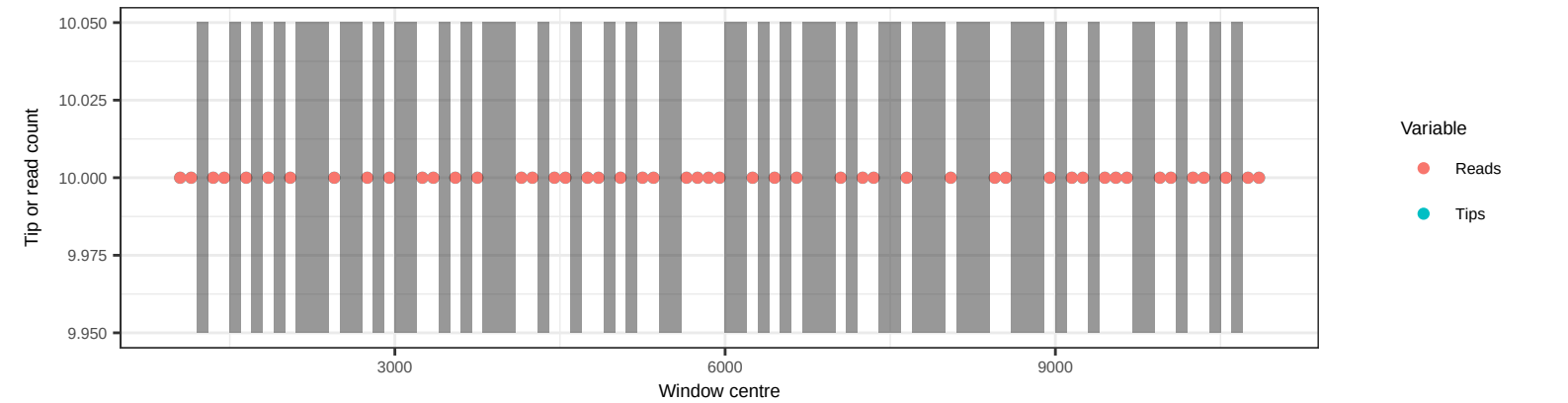

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph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

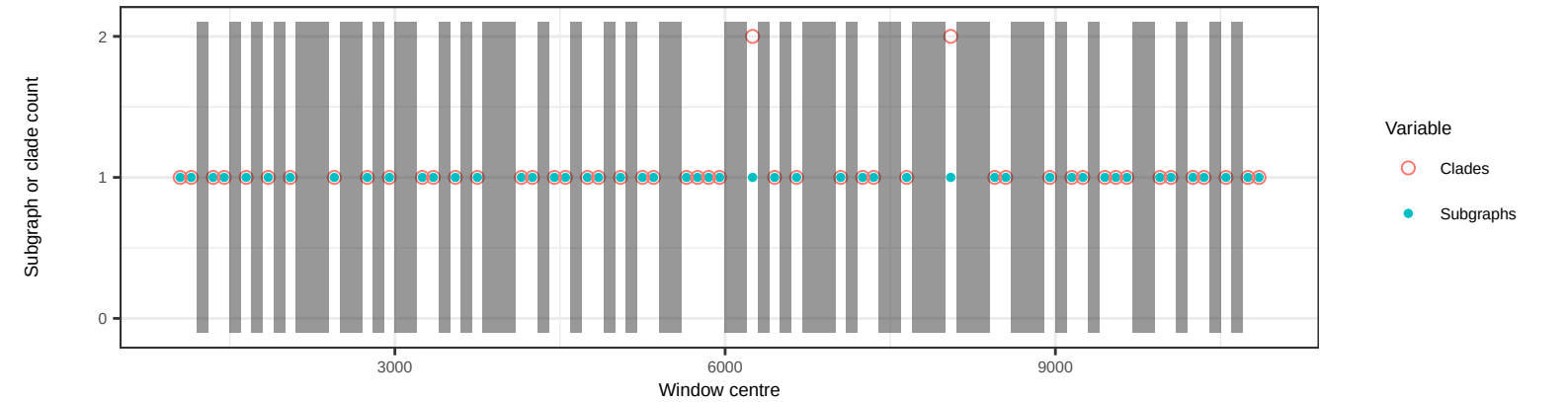

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.9
0.6
0.3
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

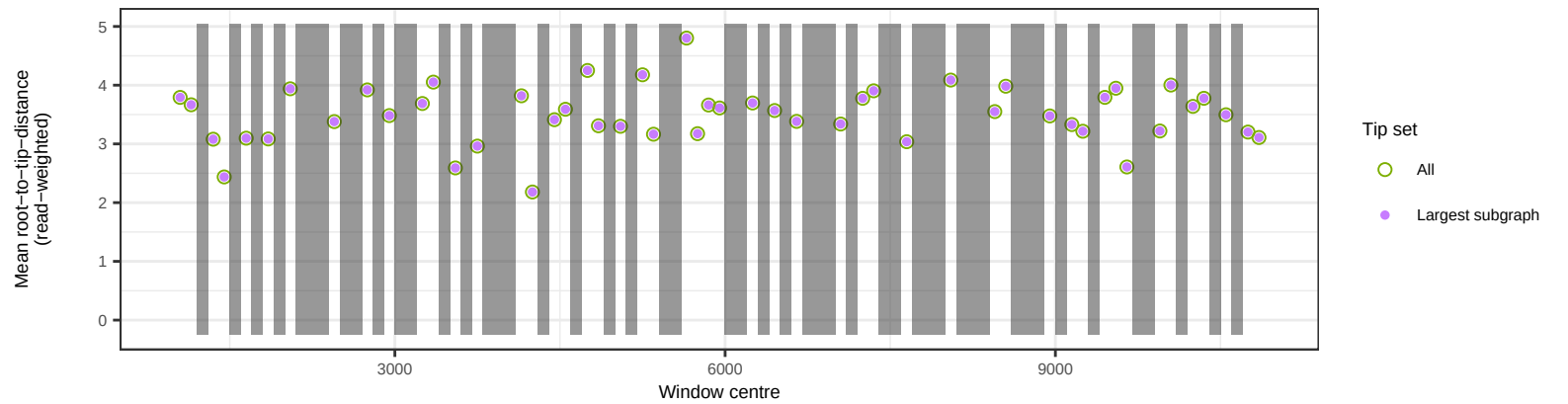
750

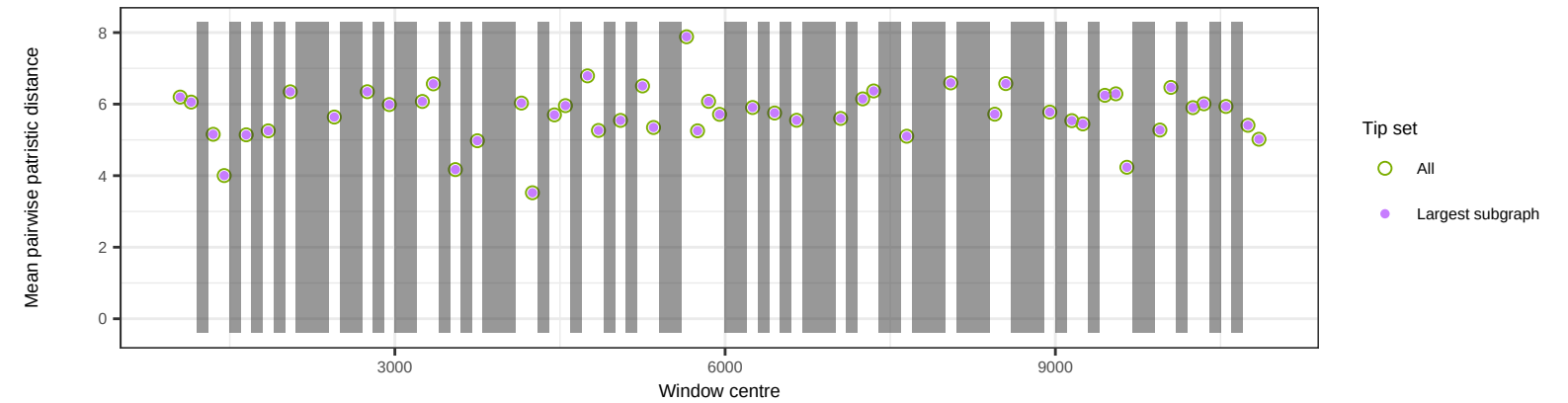

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean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

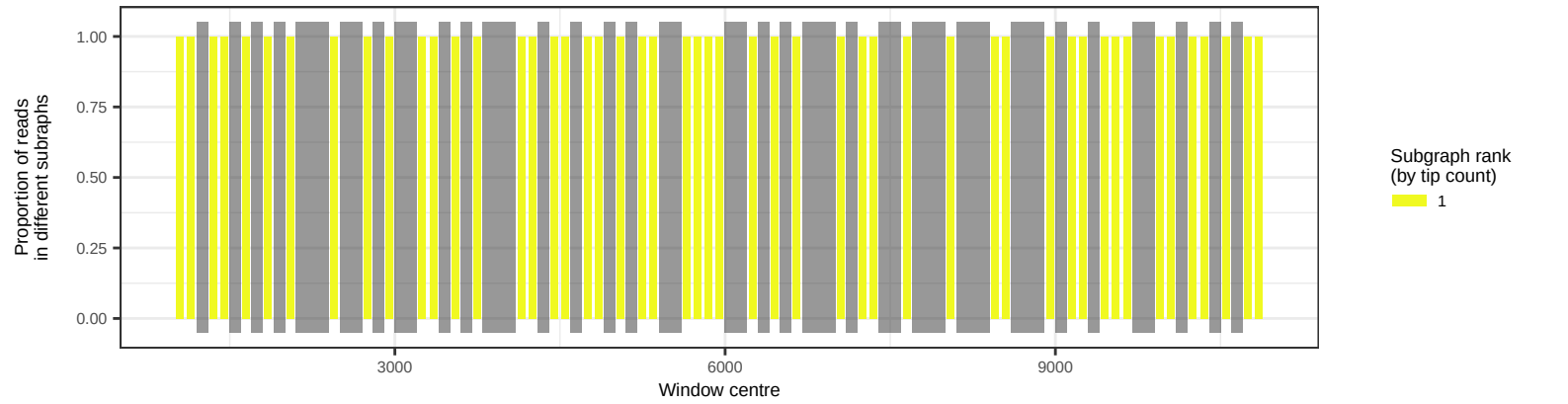
754

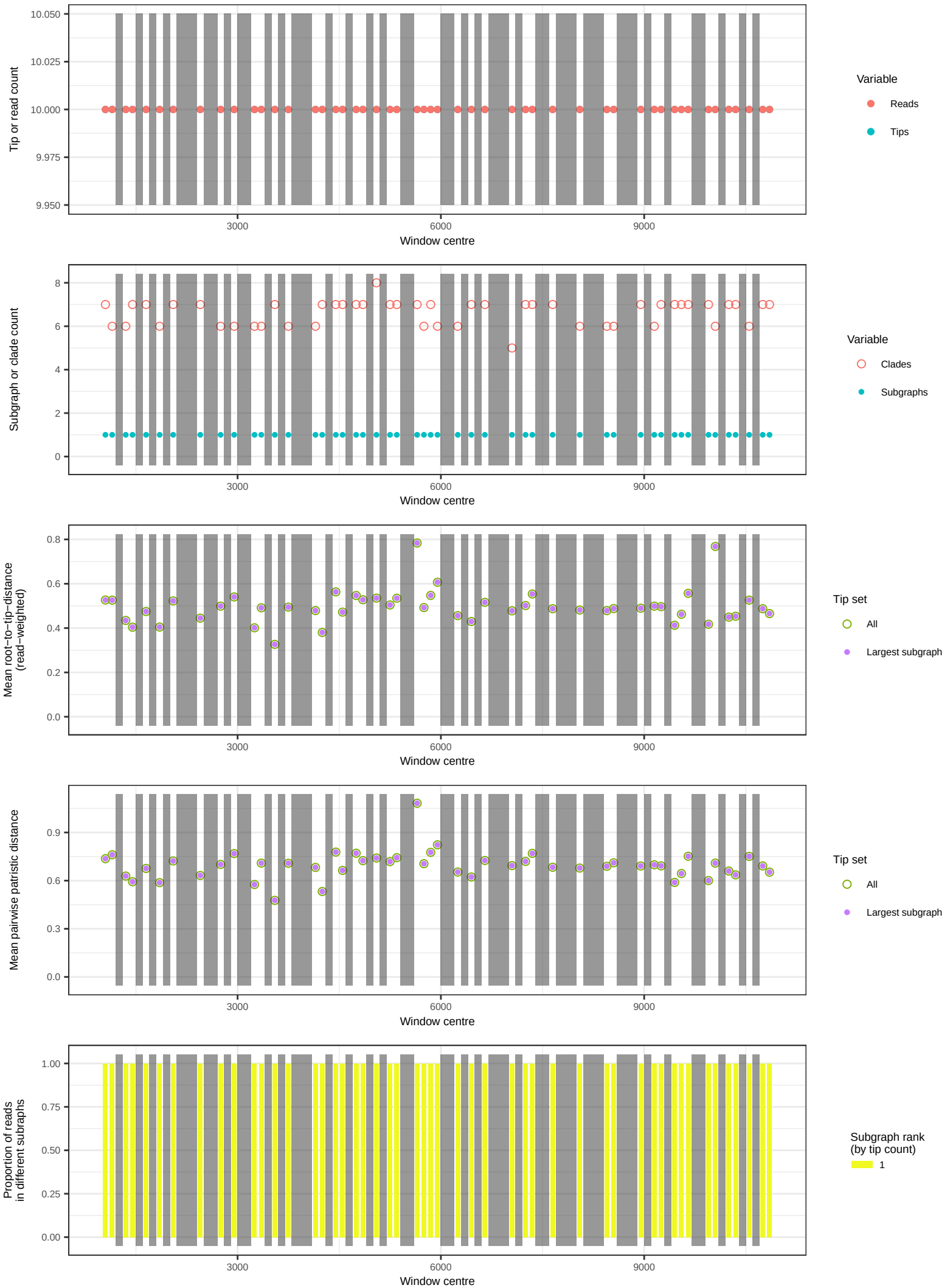

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

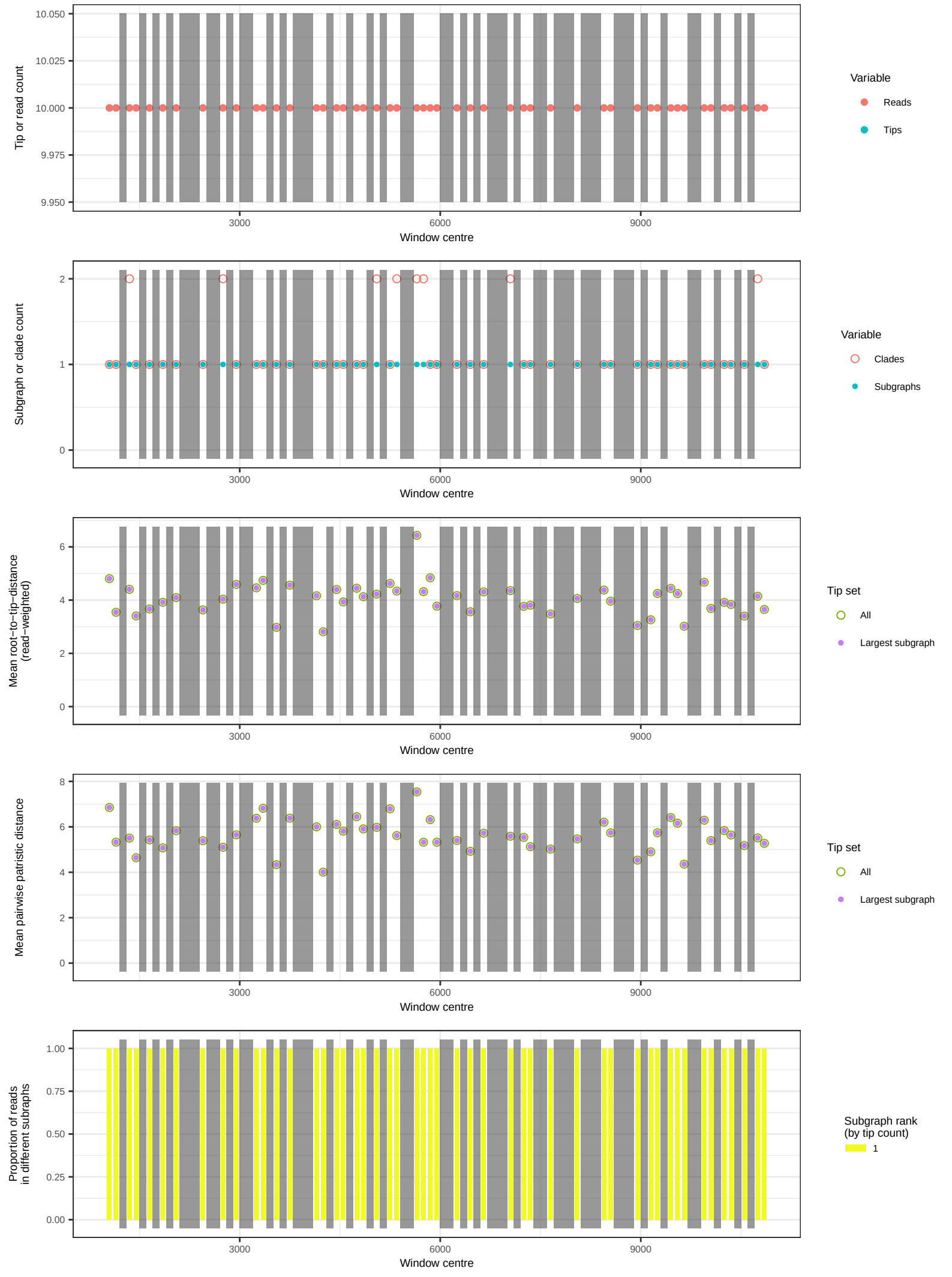

Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

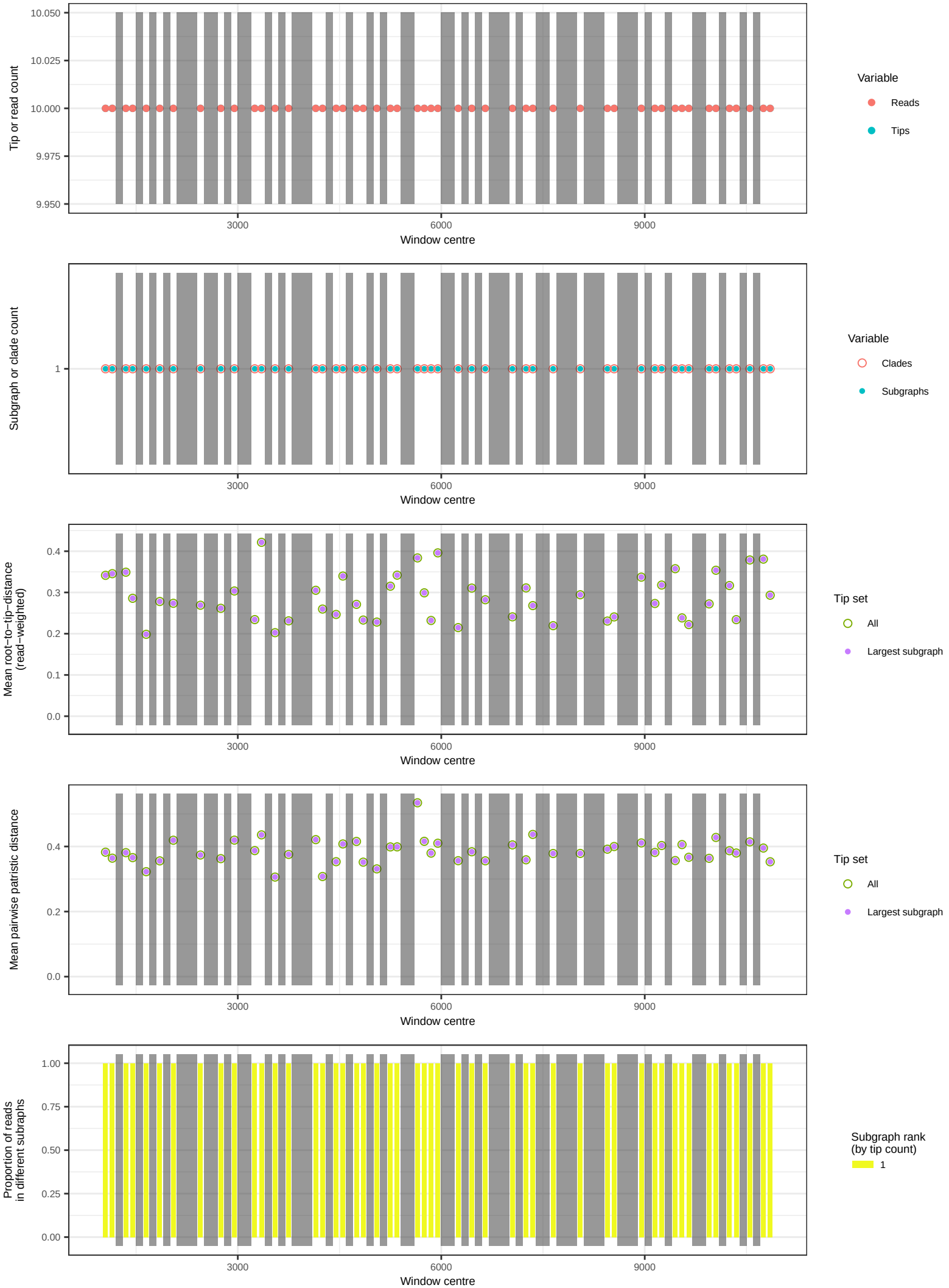

Mean root−to−tip−distance
(read−weighted)
5
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph


Mean pairwise patristic distance
8
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

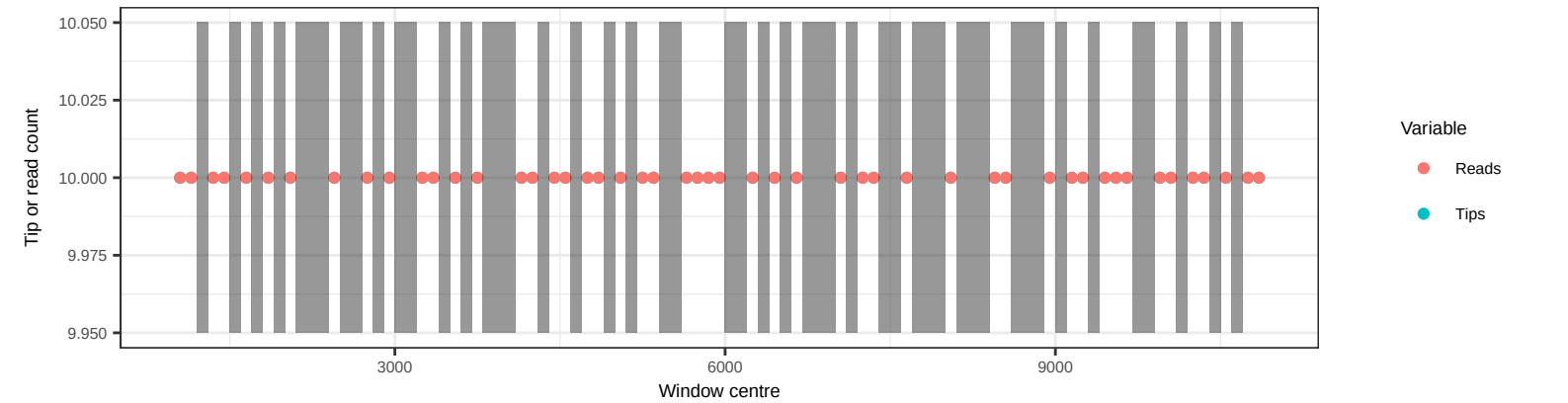

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

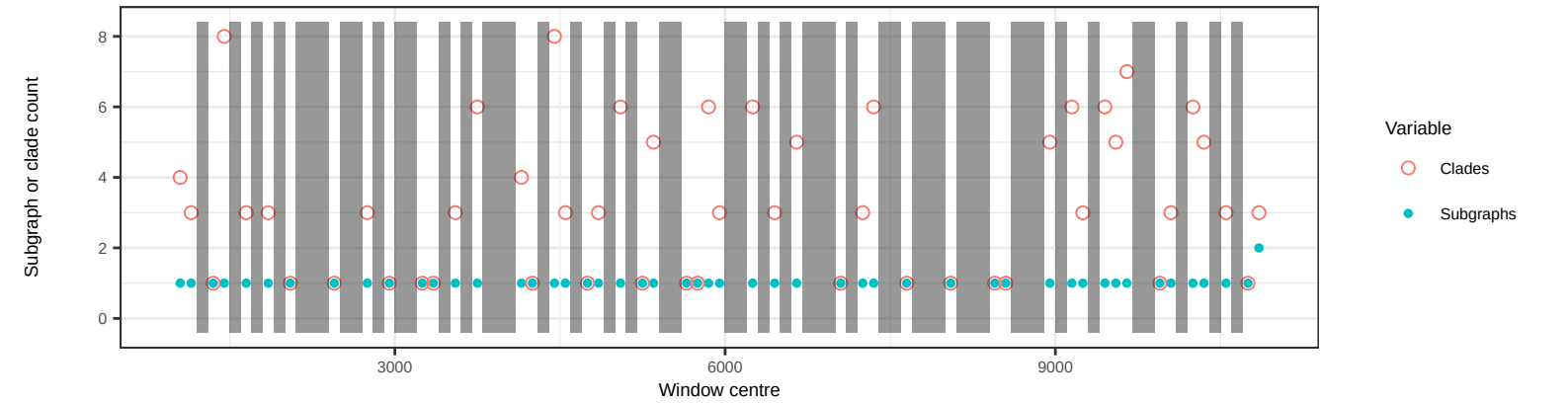

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.8
0.6
0.4
0.2
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
0.9
0.6
0.3
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

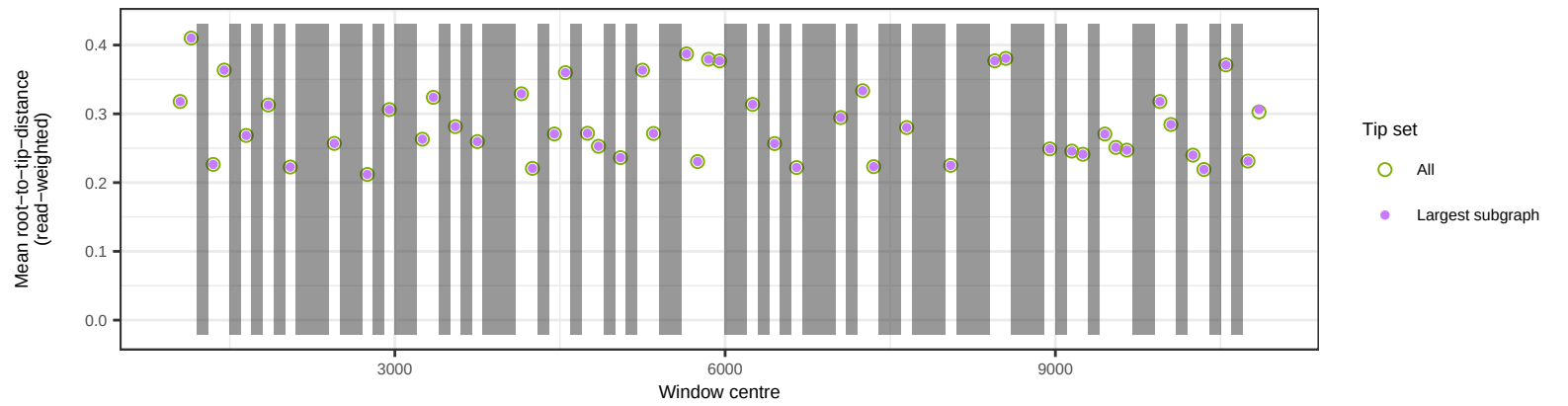

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
6
4
2
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean pairwise patristic distance
8
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

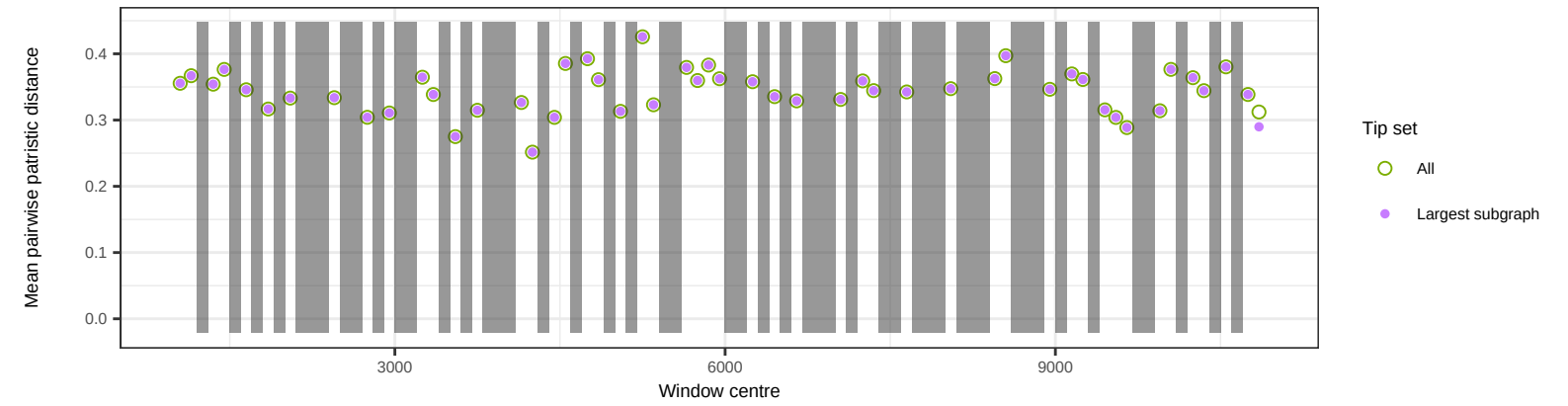

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
1
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph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

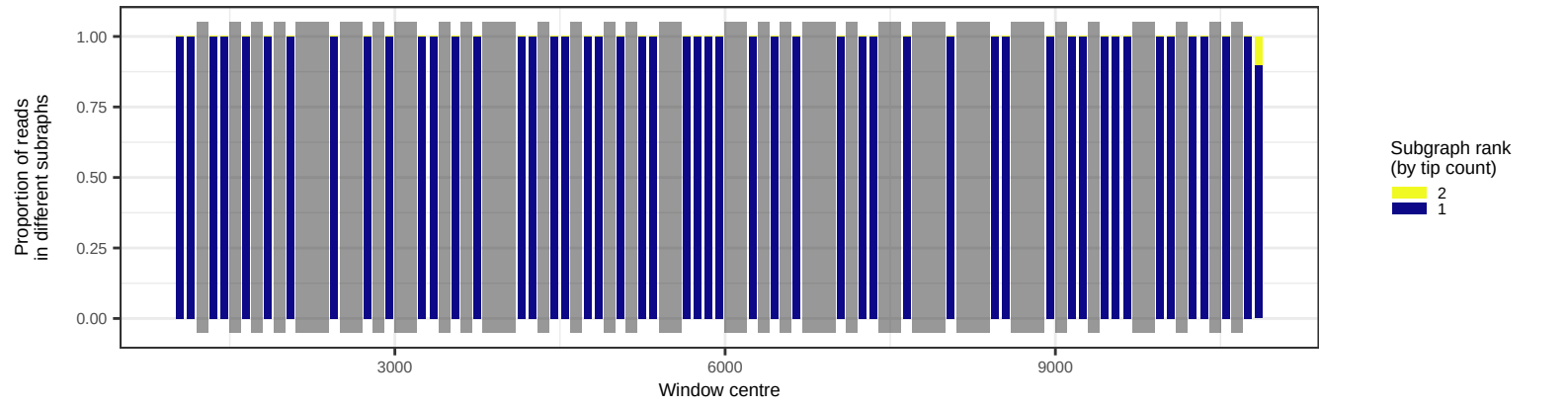
852


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

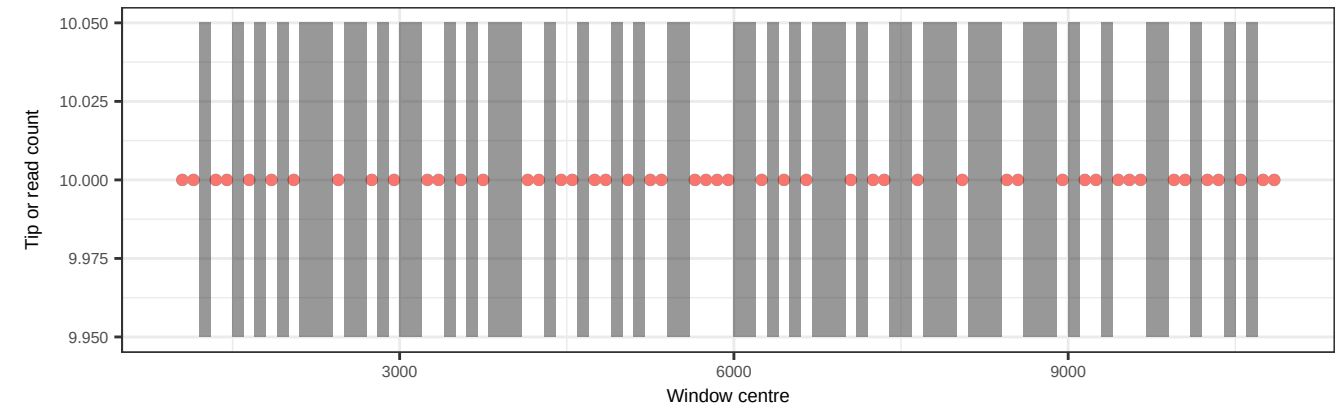

Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs

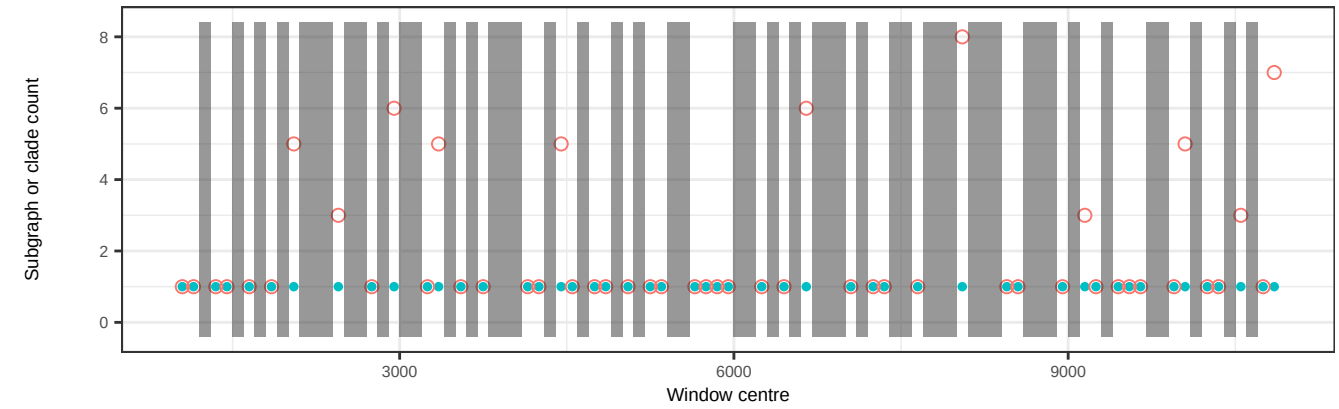

Mean root−to−tip−distance
(read−weighted)
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

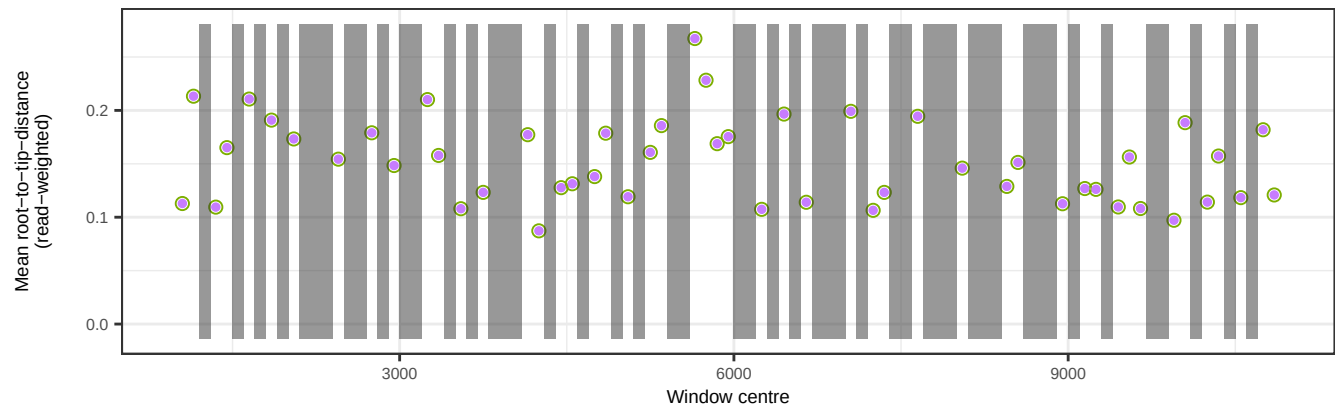

Mean pairwise patristic distance
0.4
0.3
0.2
0.1
0.0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

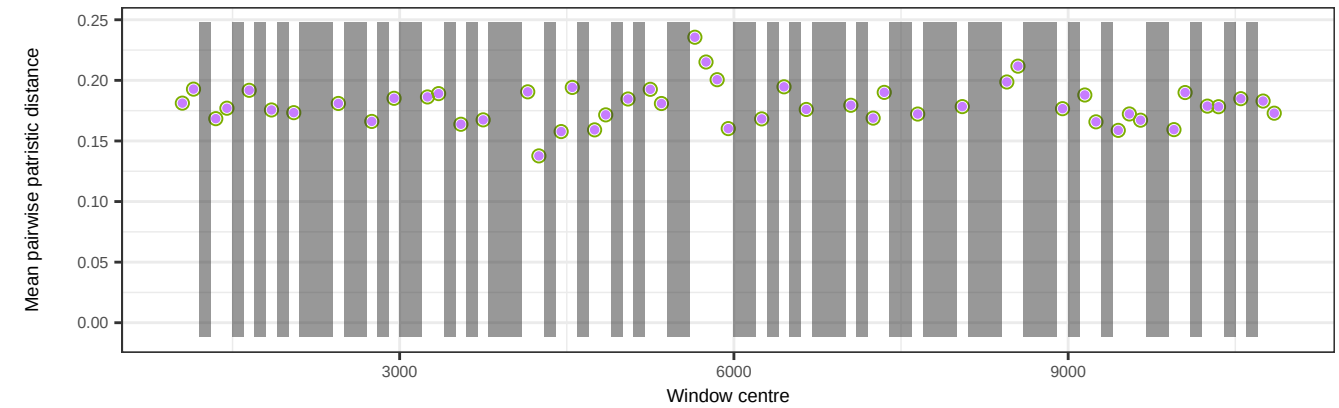

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
2
1

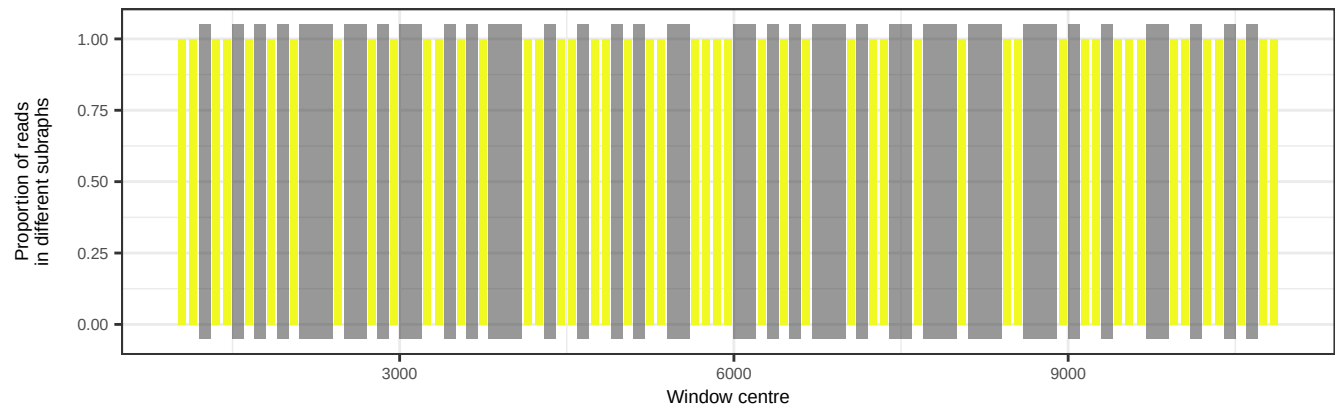
900

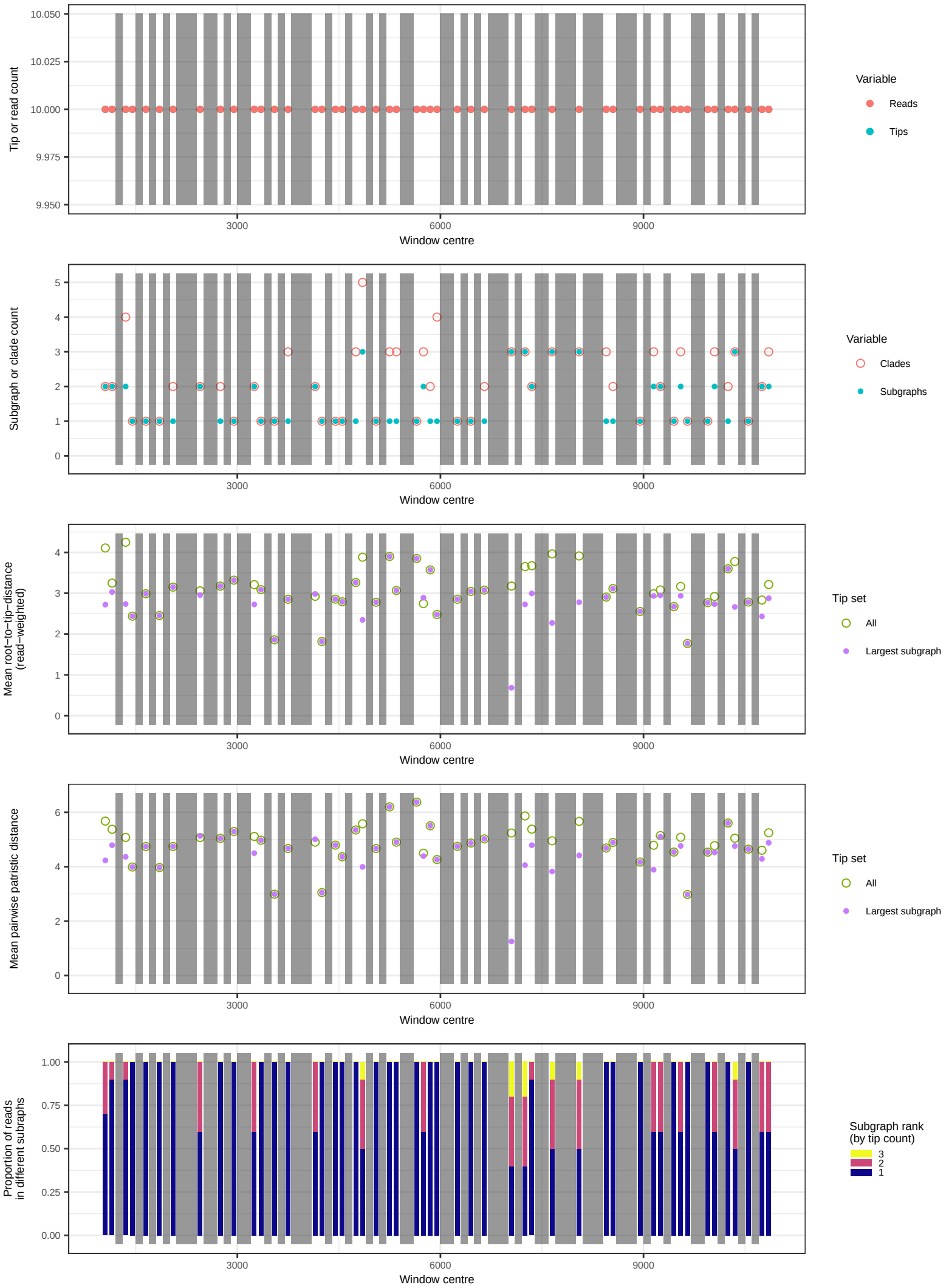

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips

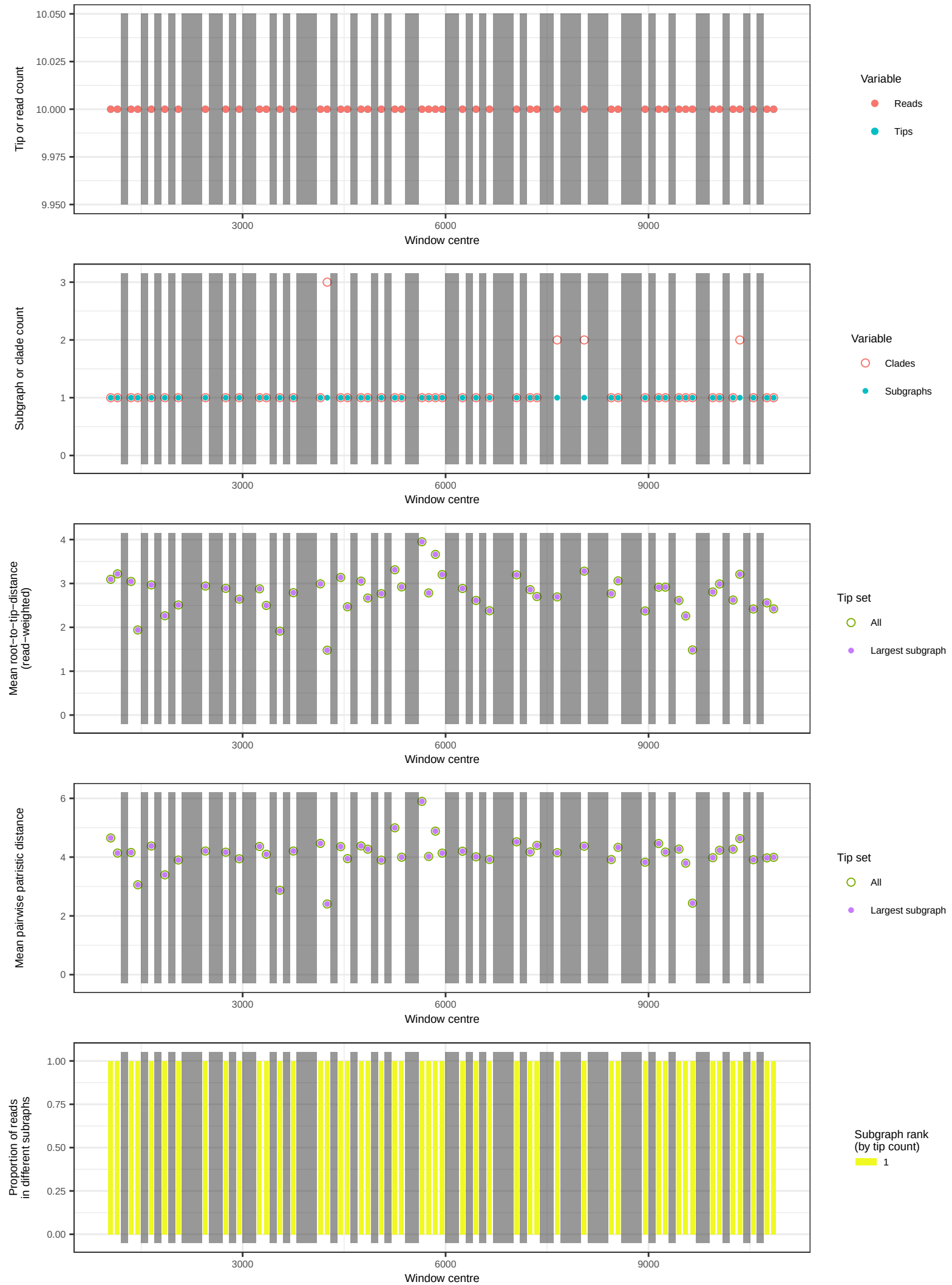

Subgraph or clade count
8
6
4
2
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs


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

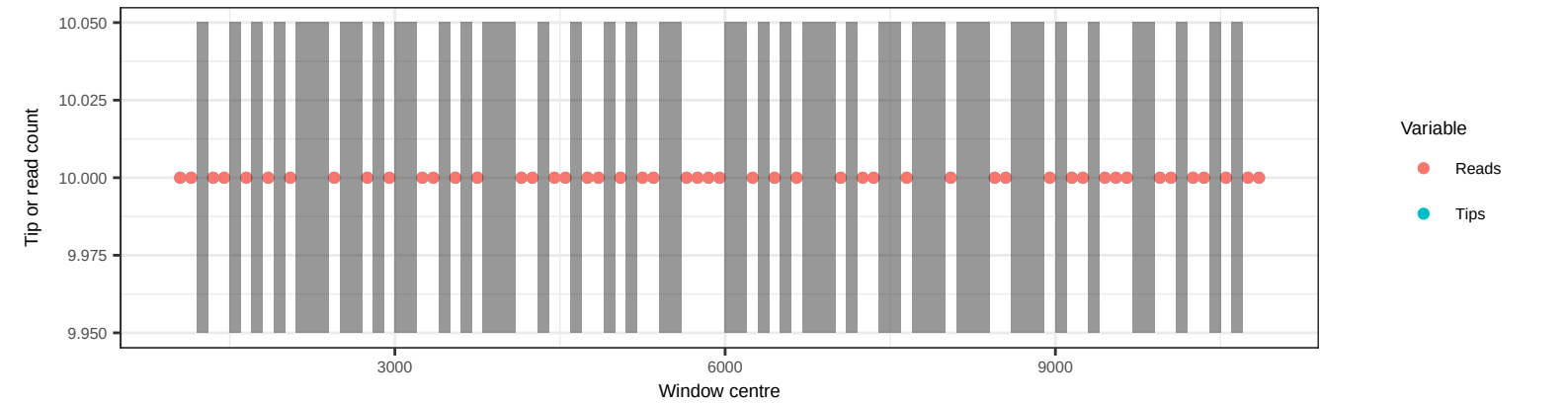

Mean pairwise patristic distance
0.25
0.20
0.15
0.10
0.05
0.00
3000
6000
9000
Window centre
Tip set
All
Largest subgraph

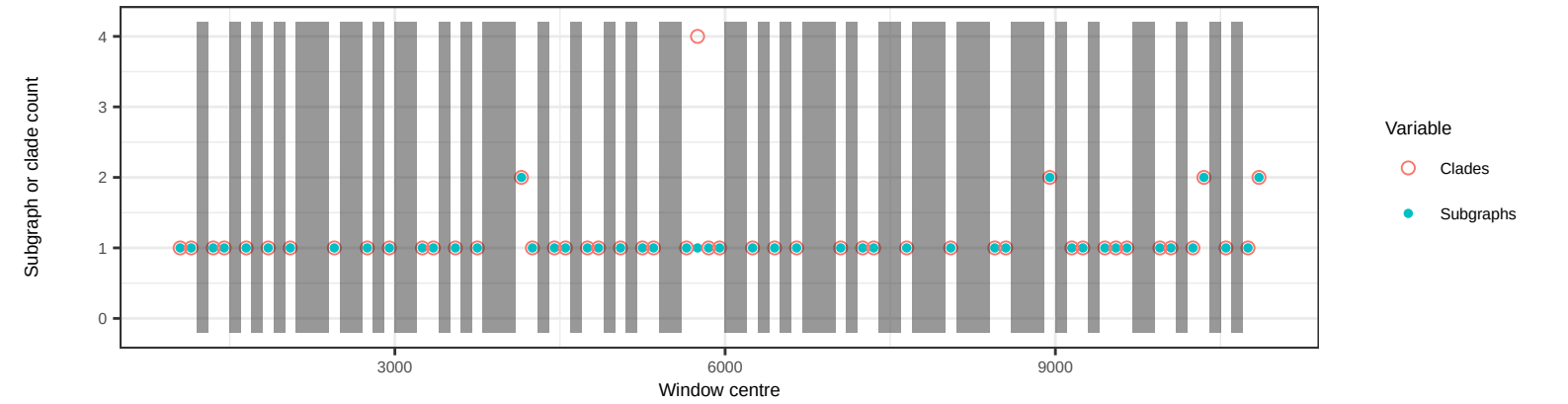

Proportion of reads
in different subraphs
1.00
0.75
0.50
0.25
0.00
3000
6000
9000
Window centre
Subgraph rank
(by tip count)
1

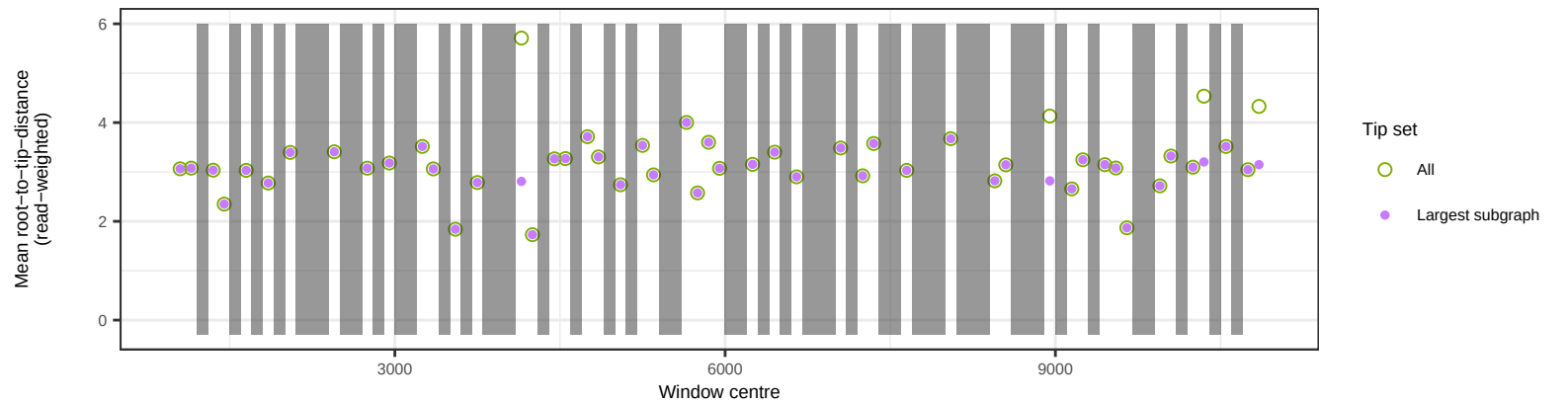

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
5
4
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph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

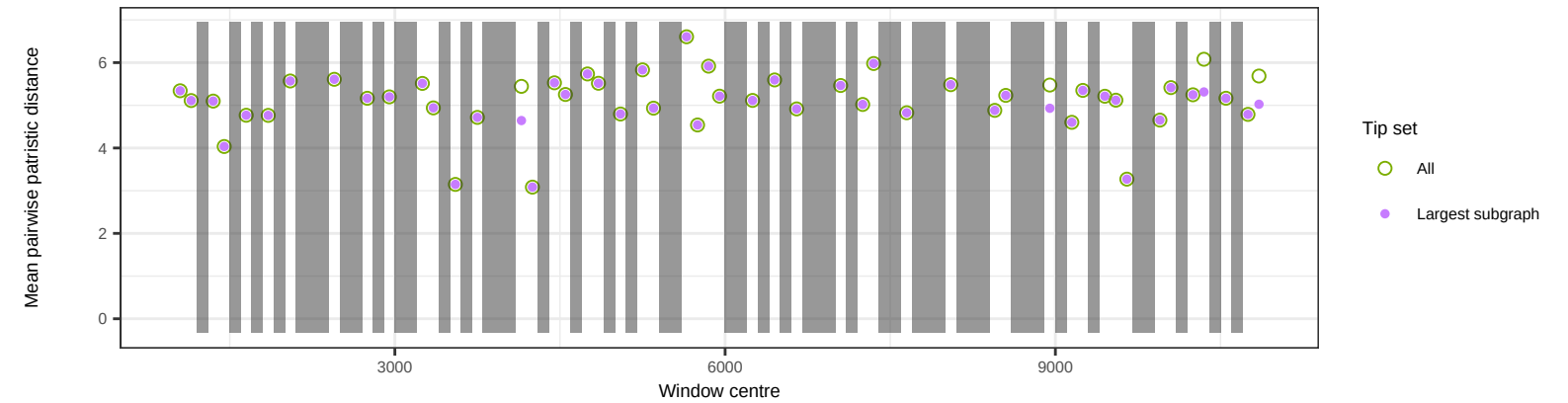

Tip or read count
10.050
10.025
10.000
9.975
9.950
3000
6000
9000
Window centre
Variable
Reads
Tips
Subgraph or clade count
3
2
1
0
3000
6000
9000
Window centre
Variable
Clades
Subgraphs
Mean root−to−tip−distance (read−weighted)
4
3
2
1
0
3000
6000
9000
Window centre
Tip set
All
Largest subgraph
Mean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

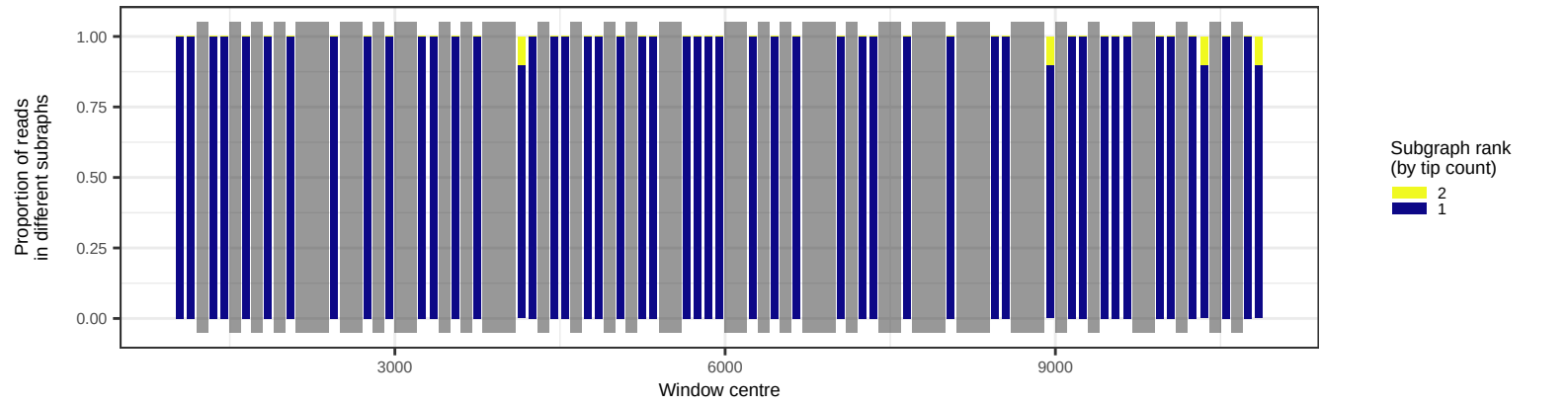
974


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)
6
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)
2
1